

Innovation doesn't have to start from scratch

- try to start from SunaTech Inc.



SunaTech Inc.

苏州纳凯科技有限公司



Catalog 2019-2020



398 Ruoshui Road, Suzhou Industrial Park
Suzhou, Jiangsu 215123, China

江苏省苏州工业园区若水路398号

+86-512-6287-2180 (Tel), -2181 (Fax)

www.sunatech.com

sales@sunatech.com

2843371654 (QQ, Vivian & Dansie)



WeChat (微信二维码)

- ◇ OPV, OLED, OTFT
- ◇ Conjugating Polymers
- ◇ Printed Electronics
- ◇ Bioanalytics

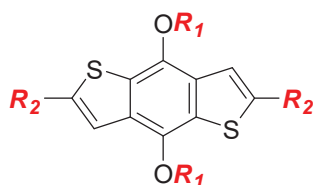


Contents

Introduction	1
Organic Electronics	3
Phosphorescent Dopants-Blue	3
Phosphorescent Dopants-Green	3
Phosphorescent Dopants-Yellow	4
Phosphorescent Dopants-Red	4
Phosphorescent Host Materials	6
Fluorescent Dopants	8
Fluorescent Host Materials	8
Hole Transport Materials	9
Hole Injection Materials	10
Electron Injection Materials	11
Electron Transport Materials	11
LEEC (Light Emitting Electrochemical Cell)	12
Dichloro-bridged Iridium(III) Complexes	13
TADF Materials	14
OPV & OTFT Materials/Monomers/ Intermediates	14
Monomer-BDT* Series	17
Monomer-Carbazole Series	25
Monomer-CPP* Series	28
Monomer-DPP* Series	28
Monomer-DTP* Series	33
Monomer-Fluorene Series	33
Monomer-NDI* Series	38
Monomer-PDI* Series	40
Monomer-Phthalimide Series	41
Monomer-DTS* Series	41
Monomer-DTPO Series	43
Monomer-BT* Series	43
Monomer-TP Series	47
Monomer-BTT Series	47

Monomer-DPTQ* Series	47
Monomer-BDD* Series	48
Monomer-Thiophene Series	49
Monomer-TPD* Series	55
Monomer-TT* Series	55
Monomer-DTT Series	57
Monomer-TTTT Series	57
Monomer-DBTDT Series	58
Monomer-BTBT Series	58
Monomer-EDOT Series	58
Monomer-Bithiophene Series	59
Monomer-Triazole* and Tetrazine Series	61
Intermediates	64
Intermediates-Alkyl Chain Series	65
Monomer-IID Series	69
Monomer-BTZ Series	71
Monomer-IF* Series	72
Monomer-IDT* Series	72
Monomer-NDT* Series	75
Monomer-IC Series	76
Life Science	78
Protein Staining Agents	78
Labeling Reagents	79
Ru Complexes	79
Ir Complexes	81
Ligands	83
N [^] N Diimine Ligands	83
C [^] N Cyclometalating Ligands	89
Other Chemicals	93
Electrochromic Materials	102
Chemical Indices	103
CAS Number Index	104
Catalog Number Index	111
NMR Chemical Shifts of Common Laboratory Solvents	120

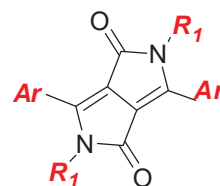
*BDT, CPP, DPP, DTP, NDI, PDI, DTS, BT, Triazole, BDD, NDT, IDT, IF, TPD, TT, DPTQ stand for the derivatives below:



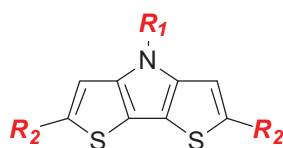
BDT



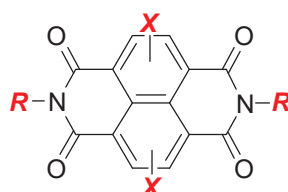
CPP



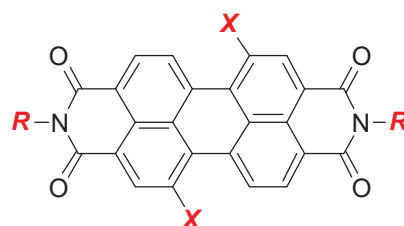
DPP



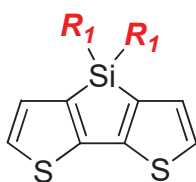
DTP



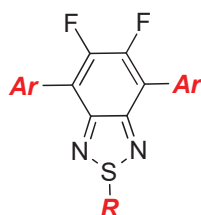
NDI



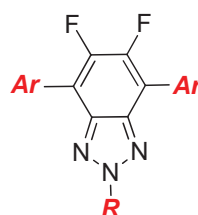
PDI



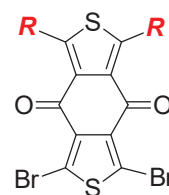
DTS



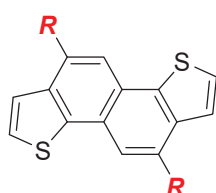
BT



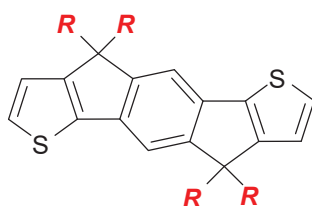
Triazole



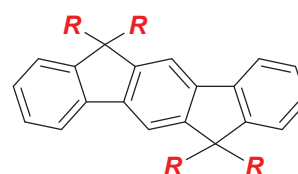
BDD



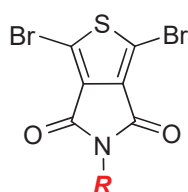
NDT



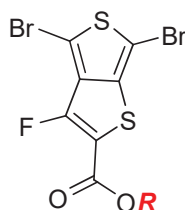
IDT



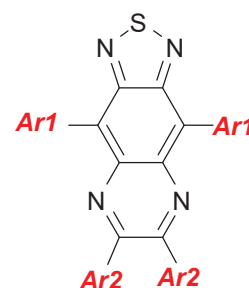
IF



TPD



TT



DPTQ

苏州纳凯科技有限公司 (SunaTech Inc.) 是地处苏州工业园区内的一家高新技术企业, 由海归科学家与国家级研究所共同出资成立。纳凯科技拥有一支以海归博士领衔的, 具备国家级研究所科研背景的高水平研发团队, 公司自成立伊始就致力于有机光电材料的研发和相关应用研究。纳凯科技目前已在以发光金属配合物为主 **OLED** 核心材料, **OPV** 中间体和聚合物材料等体系积累了丰富的材料开发经验并形成了结构和功能丰富的材料产品库, 公司也与全球多所知名研究机构以及企业研发部门建立了稳定互信的客户关系。

公司不仅向国内外学术界和工业界广泛的客户群体提供研发用高品质有机光电材料, 同时也为客户的科技研发工作提供更宽泛的定制合成、委托开发等科研服务或者合作开发。纳凯科技在从有机电子到生物分析的多个领域拥有自己的技术经验和研发兴趣, 希望与海内外科技工作者在新材料、新能源、生命科学以及体外诊断等领域开展合作开发, 寻找解决方案。

Innovation doesn't have to start from scratch – try to start from SunaTech Inc., a chemistry company that keeps its eyes on innovative technologies.

定制合成

根据客户的具体需求定制合成特定的材料产品是纳凯科技的重要业务之一。纳凯公司拥有一批经验丰富的合成研发人员, 可以依据客户设定的结构、数量和纯度提供包括小分子化合物、金属配合物和聚合物的定制有机材料, 规格根据相应材料特点可以从毫克级到公斤级。定制合成业务可能会涉及到以下事项。

- 签订保密协议
- 查阅文献数据
- 设计合成路线
- 合成目标化合物
- 表征合成出的化合物
- 放大合成工艺
- 准备 **MSDS** 等技术文件

纳凯科技充分理解客户的保密需要, 并且建立了保护客户相关信息的公司内保密制度和措施。

如需询问定制合成, 请提供 **CAS#**, 结构式或者化学品名称等信息给我们的销售人员。

付费服务项目

纳凯科技提供的付费服务项目 (**Fee-for-service**) 模式目前是适用于生物分析方法研发一种商业合作模式, 即根据客户的要求, 使用纳凯科技所开发的抗体或蛋白质标记试剂 (例如 **SunaTag™**) 来进行生物分析技术或体外诊断技术研究。

合同研究

纳凯科技也鼓励客户与我们的研发团队开展委托开发等合同研究项目。合作项目可以是一个分子材料的合成, 一个聚合物光伏器件的制备, 一个 **OLED** 器件结构的设计, 或者发展一个检测方法。

纳凯科技得益于股东方国家级研究所的技术力量和仪器设备, 有信心有能力与合作客户共同完成高水平的研究开发。在合同履行期间, 纳凯的研发人员将保证为客户的解决方案严格保密。

利用公司网站上搜索化学品

公司的产品目录有时不能及时更新纳凯科技最新的产品研发资讯。客户可以选择从公司的官方网站 (www.sunatech.com.cn) 便捷检索产品的方式。您可以简单的输入一个关键词, 例如 “**iridium**”, “**thioph**”, “**dibromo**”, 来检索所有包含铱元素、噻吩基团或双溴取代化合物的结构。您也可能从公司网站上发布的产品促销推荐单上获知技术数据或价格信息。

重要提示

1. 严格按照正确的方法使用和处理具有危险性的化合物产品。
2. 由于相当一部分纳凯科技生产的化学品或材料的存储条件可能存在认知和实验上的不足, 所以在使用时请小心谨慎。
3. 签订保密协议的定制合成化学品或材料将不会以任何形式被公开。
4. 纳凯科技会针对部分产品保有一定的库存, 但并不能保

证所有产品任何时候都有现货。如果我们不能提供您所
要的化合物和相应数量，请接收我们诚挚的道歉。您也
可以与我们的技术人员交流探讨替代的解决途径。

5. 公司网站上提供部分产品对应的结构分析数据以及光谱数据。这些数据仅供参考。
6. 绝大多数产品的材料安全数据资料（MSDS）也可以方便的从公司网站上获取。如果您确认订购前需要一份MSDS 数据，请前往公司网站查询下载或联系销售人员。
7. 公司产品目录中的所有材料已根据它们的可能用途或产品的自然特征进行了粗略的分类。鉴于我们的经验有限，我司不确保所有的用途分类足够准确。
8. 产品目录中的一些化学品可能在一些国家受有效的专利保护。购买者在使用这些材料的过程中，请注意专利侵权的风险和责任。
9. 纳凯公司一般情况下将采用玻璃瓶外加铝箔袋真空包装的方式将产品寄送到客户手中。

苏州纳凯科技有限公司

SunaTech Inc.

SunaTech Inc., located in Suzhou Industrial Park, Jiangsu, China, is committed to providing support to the research and development of advanced technologies that ultimately benefit our environment and health. To this end, SunaTech produces and supplies high quality chemicals & materials and offers problem-solving solutions to the worldwide R&D activities related to energy-savings, renewable energy, life sciences and medical diagnostics. Since its incorporation, SunaTech has become a leading developer and supplier of luminescent metal complexes and intermediates of low bandgap OPV materials. While serving its customers, ranging from academia to industry and from organic electronics to bioanalytics, SunaTech is also building its expertise and developing technologies in multiple sectors.

As a small start-up company, SunaTech has a number of Ph.D. scientists with working experience in the North America, Europe, Japan and China, and energetic well-trained junior chemists, who are routinely carrying out complex, multi-step synthesis and solving difficult chemistry problems. Together with the sales staffs, they have enabled SunaTech to establish strong and trusted client relationship with many prestigious research organizations and industrial leaders.

With strong technical and information supports from its shareholders, SunaTech Inc. not only supplies chemicals and materials, but also offers cost-effective solutions to meet customers' research, development, scale-up and production needs.

Innovation doesn't have to start from scratch – try to start from SunaTech Inc., a chemistry company that keeps its eyes on innovative technologies.

Custom Synthesis

Delivering products made to customers' specification represents a significant part of SunaTech's business. With experienced chemists performing complex and multi-step synthesis, SunaTech offers syntheses of simple small molecules and complex compounds of quantities ranging from milligrams to kilograms at competitive prices in a timely manner. This may involve the following steps.

- Signing non-disclosure agreement (NDA)
- Performing literature & database searches
- Brainstorming for efficient synthetic routes
- Synthesizing target molecules
- Characterizing the synthesized molecules
- Conducting scale-up, if required
- Preparing MSDS and other safety related documents

SunaTech understands its customers' desires in confidentiality and has established policy to protect its customers' interest in the way it protects its own interest. To inquire, please submit a CAS Registration Number, structure, or chemical name to our distributors /representatives/agents or our sales department.

Fee-for-Service Project

Fee-for-Service (FFS) mode is currently applied to the R&D of bioanalytical methods involving the use of SunaTech's proprietary reagents (such as SunaTag™) for labeling antibodies or proteins based on customers' requirements.

Contract Research

Whether making a low bandgap OPV polymer or proving an OLED device structure or developing an assay protocol, complex problem solving requires several factors working closely together. SunaTech has a facile access to state-of-the-art research and analytical equipment of Chinese Academy of Sciences. SunaTech's in-house scientists will be dedicated to client solutions during the contract period in the strictest confidence. Our efficient teamwork will contribute to the success of your project.

Searching Chemicals from SunaTech's Website

This catalog does not provide up-to-date information about SunaTech's products. Searching SunaTech's chemical/materials from its website (www.sunatech.com) is easy. You can simply type, e.g., a partial key word such as "irid", "carba", "thiop" or "dibromo" to find all the chemicals with iridium(III) atom(s), carbazole group(s), thiophene group(s) or two bromine atoms in their structures. You may also find technical data or price information from SunaTech's product promotional flyers.

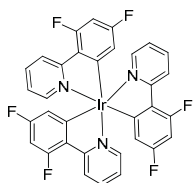
Important Notices:

1. Treat all chemicals as if they were hazardous.
2. The storage conditions of many chemicals/materials produced by SunaTech are not available or have not been well realized, please treat them carefully.
3. Custom synthesized chemicals/materials covered by a NDA will not be disclosed in any manner.
4. SunaTech Inc. maintains certain quantities of chemicals in stock, but could not guarantee each listed chemical is available at any time. If we are unable to provide you with the requested items or quantities, please accept our apologies. You may also find an alternate solution by talking to our technical team.
5. The structural and spectroscopic data of some chemicals are made available on SunaTech's website. These data are for reference purpose only. NMR data of specified lots are available on request.
6. The Materials Safety Data Sheet (MSDS) of some chemicals/materials are available at our website www.sunatech.com.cn/download.asp. If you need a MSDS before placing an order, please download it from this website.
7. Chemicals or materials in this catalog are categorized according to their likely uses and/or chemical natures. SunaTech Inc. makes no representations and extends no warranties of any kind, either expressed or implied, including any warranty of merchantability or fitness for a particular purpose, or warranty that the use of the material will not infringe any patent, copyright, trademark.
8. It is likely that uses of some chemicals or materials listed in this catalog are protected by valid patents in some countries. Buyers shall bear all risk of and liability for patent infringements when using the chemicals or materials for a purpose patented by a third party.
9. The products listed in this catalog are produced in China. The shipment and exportation of chemicals are governed by some laws and regulations, which may cause some delay, despite the stock availability.
10. The Harmonized System Codes (HS Codes) used in SunaTech's documents for customs declaration are based on the commodity classification adopted by Chinese Customs. Customers should refer to the HS codes published in their own countries in order to comply with the regulations.
11. Most of our chemicals/materials are packed in glass vials/bottles, which are wrapped with aluminum bags. It is possible that the governmental agencies of exportation/importation countries may open the packages for inspection. If this is the case and if you have any concerns about the impact on the product quality, please do not hesitate to contact us.

Phosphorescent Dopants-Blue

Tris[4,6-difluoro-2-(2-pyridyl)phenyl-C²,N]iridium(III)

CAT# IR606

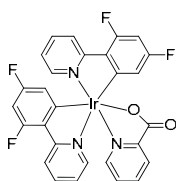


CAS# [387859-70-3]
 Formula C₃₃H₁₈F₆IrN₃
 FW 762.72

Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N)(2-carboxypyridyl) iridium(III)

FlrPic

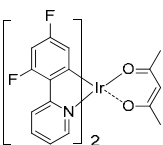
CAT# IR607



CAS# [376367-93-0]
 Formula C₂₈H₁₆IrN₃O₂F₄
 FW 694.67
 λ_{ab} 256, 380 nm (CH₂Cl₂)
 λ_{em} 468, 493 nm (CH₂Cl₂)

Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N)(acetylacetonato) iridium(III)Ir(f-ppy)₂(acac)

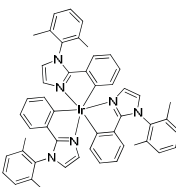
CAT# IR805



CAS# [376367-95-2]
 Formula C₂₇H₁₉IrN₂O₂F₄
 FW 672.12

Tris[1-(2,6-dimethyl phenyl)-2-phenyl-1H-imidazole-C²,N] iridium(III)

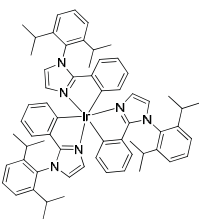
CAT# IR812



CAS# [914394-12-0]
 Formula C₅₁H₄₅IrN₆
 FW 934.16
 λ_{ab} 250, 349 nm (CH₂Cl₂)
 λ_{em} 474, 503 nm (CH₂Cl₂)

Tris[1-(2,6-diisopropylphenyl)-2-phenyl-1H-imidazole-C²,N] iridium(III)

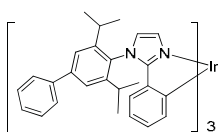
CAT# IR816



CAS# [914394-25-5]
 Formula C₆₃H₆₉IrN₆
 FW 1102.48
 λ_{ab} 262, 350 nm (CH₂Cl₂)
 λ_{em} 473, 504 nm (CH₂Cl₂)

Tris[1-(3,5-diisopropylbiphenyl-4-yl)-2-phenyl-1H-imidazole-C²,N] iridium(III)

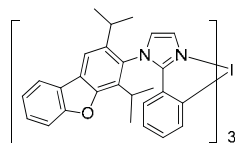
CAT# IR817



CAS# [1272505-63-1]
 Formula C₈₁H₈₁IrN₆
 FW 1330.77
 λ_{ab} 255, 351 nm (CH₂Cl₂)
 λ_{em} 474, 505 nm (CH₂Cl₂)

Tris[1-(2,4-diisopropylbenzo[b,d]furan-3-yl)-2-phenyl-1H-imidazole-C²,N]iridium(III)Ir(dbi)₃

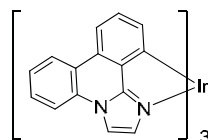
CAT# IR820



CAS# [1331833-06-7]
 Formula C₈₁H₇₅IrN₆O₃
 FW 1372.72
 λ_{ab} 288, 353 nm (CH₂Cl₂)
 λ_{em} 475, 505 nm (CH₂Cl₂)

Tris[imidazo[1,2-f]phenanthridine-C²,N]iridium(III)

CAT# IR840



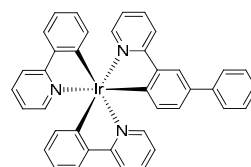
CAS#
 Formula C₄₅H₂₇IrN₆
 FW 843.95
 λ_{em} 458 nm (CH₂Cl₂)

Phosphorescent Dopants-Green

[3-(2-Pyridinyl)[1,1'-biphenyl]-4-yl]bis[2-(2-pyridinyl)phenyl] iridium

Ir(ppy)₂(m-bppy)

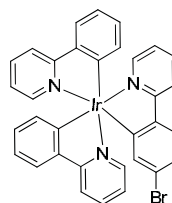
CAT# IR501



CAS# [1034145-18-0]
 Formula C₃₉H₂₈IrN₃
 FW 730.88

Bis(2-phenylpyridine-C²,N')(2-(4-bromophenyl)pyridine) iridium(III)

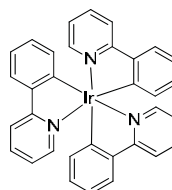
CAT# IR503



CAS# /
 Formula C₃₃H₂₃BrIrN₃
 FW 733.68

Tris(2-phenylpyridine-C²,N)iridium(III)Ir(ppy)₃

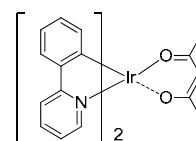
CAT# IR504



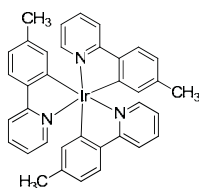
CAS# [94928-86-6]
 Formula C₃₃H₂₄IrN₃
 FW 654.78
 λ_{ab} 243, 283, 377 nm (CH₂Cl₂)
 λ_{em} 512 nm (CH₂Cl₂)

Bis(2-phenylpyridine-C²,N)(acetylacetonato)iridium(III)Ir(ppy)₂(acac)

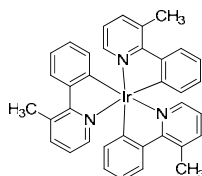
CAT# IR505



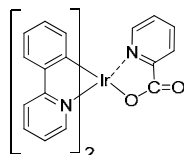
CAS# [337526-85-9]
 Formula C₂₇H₂₃IrN₂O₂
 FW 599.7
 λ_{ab} 258, 341 nm (acetonitrile)
 λ_{em} 520 nm (acetonitrile)

Tris(2-(p-tolyl)pyridine-C²,N)iridium(III)**Ir(mppy)₃****CAT# IR506**

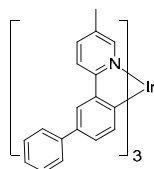
CAS# [149005-33-4]
 Formula C₃₆H₃₀IrN₃
 FW 696.86
 λ_{ab} 248, 288, 373 nm (CH₂Cl₂)
 λ_{em} 513 nm (CH₂Cl₂)

Tris(3-methyl-2-phenylpyridine-C²,N)iridium(III)**CAT# IR507**

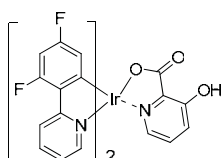
CAS# [359014-71-4]
 Formula C₃₆H₃₀IrN₃
 FW 696.86

Bis(2-phenylpyridine-C²,N)(3-(pyridin-2-yl)-2H-chromen-2-onate)iridium(III)**CAT# IR509**

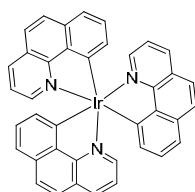
CAS#
 Formula C₂₈H₂₀IrN₃O₂
 FW 622.70

Tris(2-(biphenyl-3-yl)-5-methylpyridine)iridium(III)**CAT# IR510**

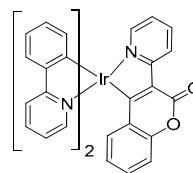
CAS# /
 Formula C₅₄H₄₂IrN₃
 FW 925.30
 λ_{em} 512 nm (CH₂Cl₂)

Phosphorescent Dopants-Yellow**Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N)(3-hydroxy-2-carboxypyridyl) iridium(III)****CAT# IR608**

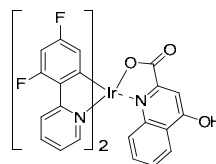
CAS#
 Formula C₂₈H₁₆F₄IrN₃O₃
 FW 710.67
 λ_{ab} 253, 377 nm (CH₂Cl₂)
 λ_{em} 541 nm (CH₂Cl₂)

Tris(2-benzo[h]quinoline-C²,N)iridium(III)**Ir(bzq)₃****CAT# IR615**

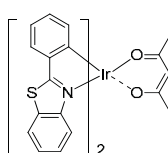
CAS# [337526-98-4]
 Formula C₃₈H₂₄IrN₃
 FW 726.84
 λ_{ab} 292, 346, 415 nm (CH₂Cl₂)
 λ_{em} 553 nm (CH₂Cl₂)

Bis(2-phenylpyridine-C²,N)(3-(pyridin-2-yl)-2H-chromen-2-onate)iridium(III)**Ir(ppy)₂pc****CAT# IR508**

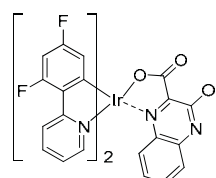
CAS# [1003562-42-2]
 Formula C₃₆H₂₄IrN₃O₂
 FW 722.81
 λ_{ab} 290, 339, 382 nm (CH₂Cl₂)
 λ_{em} 545 nm (CH₂Cl₂)

Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N)(2-carboxy-4-hydroxy-quinoline)iridium(III)**CAT# IR609**

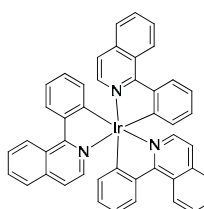
CAS#
 Formula C₃₂H₁₈F₄IrN₃O₃
 FW 760.73

Bis(2-phenylbenzothiazole-C²,N)(acetylacetonato)iridium(III)**Ir(bt)₂(acac)****CAT# IR733**

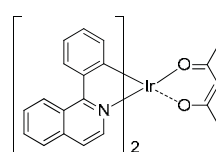
CAS# [337526-88-2]
 Formula C₃₁H₂₃IrN₂O₂S₂
 FW 711.86
 λ_{ab} 325, 356, 441 nm (acetonitrile)
 λ_{em} 562 nm (acetonitrile)

Phosphorescent Dopants-Red**Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N)(2-carboxy-3-hydroxyquinoxaline)iridium(III)****CAT# IR610**

CAS#
 Formula C₃₁H₁₇F₄IrN₄O₃
 FW 761.71

Tris(1-phenylisoquinoline-C²,N)iridium(III)**Ir(piq)₃****CAT# IR711**

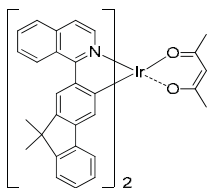
CAS# [435293-93-9]
 Formula C₄₅H₃₀IrN₃
 FW 804.96
 λ_{ab} 321, 425 nm (CH₂Cl₂)
 λ_{em} 619 nm (CH₂Cl₂)

Bis(1-phenylisoquinoline-C²,N)(acetylacetonato)iridium(III)**Ir(piq)₂(acac)****CAT# IR713**

CAS# [435294-03-4]
 Formula C₃₅H₂₇IrN₂O₂
 FW 699.82
 λ_{ab} 234, 282, 342, 478 nm (acetonitrile)
 λ_{em} 587 nm (acetonitrile)

Bis(1-(9,9-dimethyl-9H-fluoren-2-yl)-isoquinoline-C²,N)(acetylacetonato)iridium(III)
Ir(fliq)₂(acac)

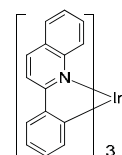
CAT# IR721



CAS#
Formula C₅₃H₄₃IrN₂O₂
FW 932.1
λ_{ab} 285, 368 nm (THF)
λ_{em} 653 nm (THF)

Tris(2-phenylquinoline-C²,N)iridium(III)
Ir(2-phq)₃

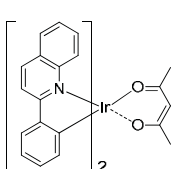
CAT# IR728



CAS# [911142-72-8]
Formula C₄₅H₃₀IrN₃
FW 804.96
λ_{ab} 273, 339, 403 nm (CH₂Cl₂)
λ_{em} 585 nm (CH₂Cl₂)

Bis(2-phenylquinoline-C²,N)(acetylacetonato)iridium(III)
Ir(2-phq)₂(acac)

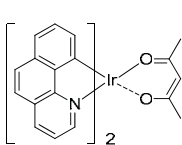
CAT# IR729



CAS# [1173886-71-9]
Formula C₃₅H₂₇IrN₂O₂
FW 699.82
λ_{ab} 272, 339 nm (CH₂Cl₂)
λ_{em} 595 nm (CH₂Cl₂)

Bis(2-benzo[h]quinoline-C²,N)(acetylacetonato)iridium(III)
Ir(bzq)₂(acac)

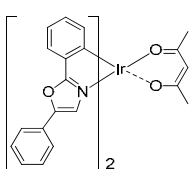
CAT# IR800



CAS# [337526-87-1]
Formula C₃₁H₂₃IrN₂O₂
FW 647.86

Bis(2,5-diphenyloxazole-C²,N)(acetylacetonato)iridium(III)
Ir(dpo)₂(acac)

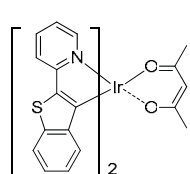
CAT# IR801



CAS# [344796-05-0]
Formula C₃₅H₂₇IrN₂O₄
FW 731.82

Bis(2-(benzo[b]thiophen-2-yl)pyridine-C³,N)(acetylacetonato)iridium(III)
Ir(btpy)₂(acac)

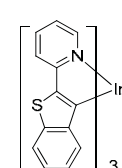
CAT# IR802



CAS# [343978-79-0]
Formula C₃₁H₂₃IrN₂O₂S₂
FW 711.86
λ_{ab} 279, 324, 472 nm (CH₂Cl₂)
λ_{em} 611 nm (CH₂Cl₂)

Tris(2-(benzo[b]thiophen-2-yl)pyridinato-C³,N)iridium(III)
Fac-Ir(btpy)₃

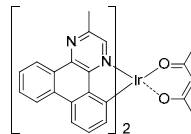
CAT# IR803



CAS# [405289-74-9]
Formula C₃₉H₂₄IrN₃S₃
FW 823.04

Bis(2-methyldibenzo[f,h]quinoxaline)(acetylacetonato)iridium(III)
Ir(MDQ)₂(acac)

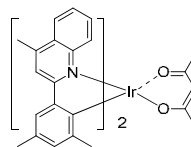
CAT# IR804



CAS# [536755-34-7]
Formula C₃₉H₂₉IrN₂O₂
FW 778.22

Bis(2-(3,5-dimethylphenyl)-4-methylquinoline-C²,N)(acetylacetonato)iridium(III)

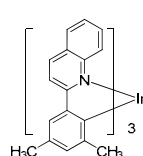
CAT# IR809



CAS# [1452863-84-1]
Formula C₄₁H₃₉IrN₂O₂
FW 783.98
λ_{ab} 281, 349, 427 nm (CH₂Cl₂)
λ_{em} 604 nm (CH₂Cl₂)

Tris(2-(3,5-dimethylphenyl)quinoline-C²,N)iridium(III)
Ir(dmpq)₃

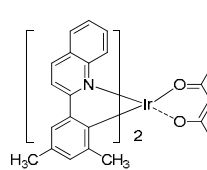
CAT# IR810



CAS# [1152418-56-8]
Formula C₅₁H₄₂IrN₃
FW 889.13

Bis(2-(3,5-dimethylphenyl)quinoline-C²,N)(acetylacetonato)iridium(III)
Ir(dmpq)₂(acac)

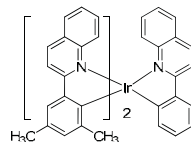
CAT# IR811



CAS# [1056874-46-4]
Formula C₃₉H₃₅IrN₂O₂
FW 755.94
λ_{ab} 281, 352, 429 nm (CH₂Cl₂)
λ_{em} 614 nm (CH₂Cl₂)

Bis(2-(3,5-dimethylphenyl)quinoline-C²,N)(2-phenylquinoline)iridium(III)
Ir(dmpq)₂(2-phq)

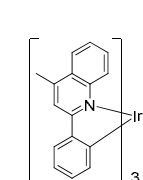
CAT# IR813



CAS#
Formula C₄₉H₃₈IrN₃
FW 861.06

Tris(4-methyl-2-phenylquinoline-C²,N)iridium(III)
Ir(mphq)₃

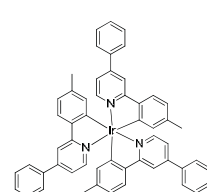
CAT# IR819



CAS#
Formula C₄₈H₃₆IrN₃
FW 847.04
λ_{ab} 271, 314, 400 nm (CH₂Cl₂)
λ_{em} 579 nm (CH₂Cl₂)

Tris(4-phenyl-2-p-tolylpyridine-C²,N)iridium(III)

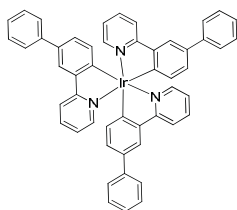
CAT# IR950



CAS#
Formula C₅₄H₄₂IrN₃
FW 925.15
λ_{em} 570.6 nm (CH₂Cl₂)

Tris[3-(2-pyridinyl-*k*N)[1,1'-biphenyl]-4-yl-*k*C]Iridium(III)

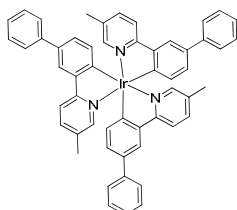
CAT# IR951



CAS# [667935-20-8]
Formula C₅₁H₃₆IrN₃
FW 883.07

Tris[3-(5-methyl-2-pyridinyl-*k*N)[1,1'-biphenyl]-4-yl-*k*C]Iridium(III)

CAT# IR952



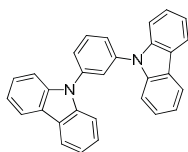
CAS# [872856-45-6]
Formula C₅₄H₄₂IrN₃
FW 925.15

Phosphorescent Host Materials

1,3-Bis(carbazol-9-yl)benzene

MCP

CAT# PH001

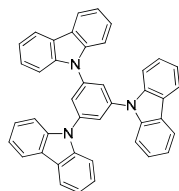


CAS# [550378-78-4]
Formula C₃₀H₂₀N₂
FW 408.49

1,3,5-Tris(carbazol-9-yl)benzene

TCP

CAT# PH002

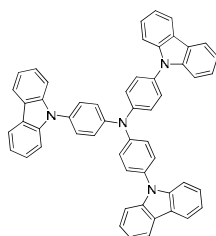


CAS# [148044-07-9]
Formula C₄₂H₂₇N₃
FW 573.68

4,4',4''-Tris(carbazol-9-yl)triphenylamine

TcTa

CAT# PH003

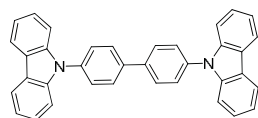


CAS# [139092-78-7]
Formula C₅₄H₃₆N₄
FW 740.89

4,4'-Bis(carbazol-9-yl)biphenyl

CBP

CAT# PH004

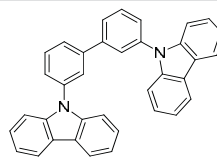


CAS# [58328-31-7]
Formula C₃₆H₂₄N₂
FW 484.59

3,3'-Di(9*H*-carbazol-9-yl)biphenyl

mCBP

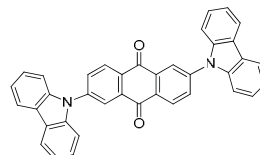
CAT# PH005



CAS# [342638-54-4]
Formula C₃₆H₂₄N₂
FW 484.59

2,6-Di(9*H*-carbazol-9-yl)anthracene-9,10-dione

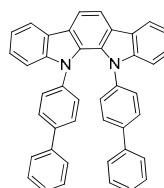
CAT# PH007



CAS# [909712-63-6]
Formula C₃₈H₂₂N₂O₂
FW 538.59

11,12-Di([1,1'-biphenyl]-4-yl)-11,12-dihydroindolo[2,3-*a*]carbazole

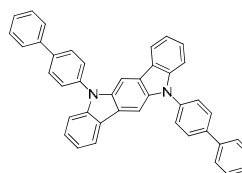
CAT# PH008



CAS# [1800386-92-8]
Formula C₄₂H₂₈N₂
FW 560.69

5,11-Di([1,1'-biphenyl]-4-yl)-5,11-dihydroindolo[3,2-*b*]carbazole

CAT# PH009

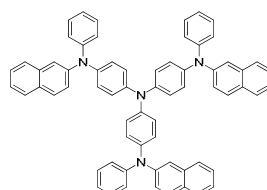


CAS# [221544-74-7]
Formula C₄₂H₂₈N₂
FW 560.69

4,4',4''-Tris[2-naphthyl(phenyl)amino]triphenylamine

2-TNATA

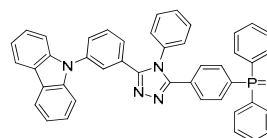
CAT# PH010



CAS# [185690-41-9]
Formula C₆₆H₄₈N₄
FW 897.11

9-(3-(5-(4-(Diphenylphosphoryl)phenyl)-4-phenyl-4*H*-1,2,4-triazol-3-yl)phenyl)-9*H*-carbazole

CAT# PH015

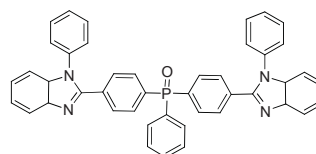


CAS# [185690-41-9]
Formula C₄₄H₃₁N₄OP
FW 662.72

Phenylbis(4-(1-phenyl-3*a*,7*a*-dihydro-1*H*-benzo[d]imidazol-2-yl)phenyl)phosphine oxide

BIPO

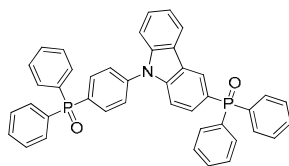
CAT# PH016



CAS# [1426143-77-2]
Formula C₄₄H₃₅N₄OP
FW 666.75

3-(Diphenylphosphoryl)-9-(4(diphenylphosphoryl)phenyl)-9H-carbazole

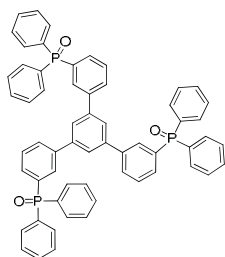
CAT# PH017



CAS# [1226860-68-9]
Formula $C_{42}H_{31}NO_2P_2$
FW 643.65

(5'-(3-(Diphenylphosphoryl)phenyl)-[1,1':3',1''-terphenyl]-3,3''-diyl)bis(diphenylphosphine oxide)

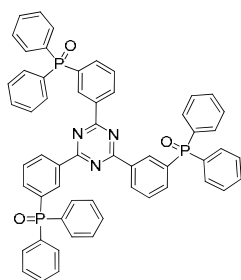
CAT# PH018



CAS# [1311378-95-6]
Formula $C_{60}H_{45}O_3P_3$
FW 906.92

((1,3,5-Triazine-2,4,6-triyl)tris(benzene-3,1-diyl))tris(diphenylphosphine oxide)

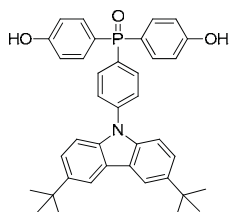
CAT# PH019



CAS# [1646906-26-4]
Formula $C_{57}H_{42}N_3O_3P_3$
FW 909.88

(4-(3,6-Di-tert-butyl-9H-carbazol-9-yl)phenyl)bis(4-hydroxyphenyl)phosphine oxide

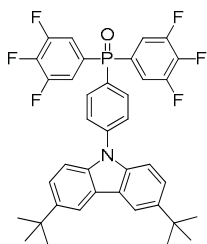
CAT# PH032



CAS#
Formula $C_{38}H_{38}NO_3P$
FW 587.69

(4-(3,6-Di-tert-butyl-9H-carbazol-9-yl)phenyl)bis(3,4,5-trifluorophenyl)phosphine oxide

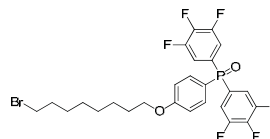
CAT# PH035



CAS#
Formula $C_{38}H_{32}F_6NOP$
FW 663.63

4-((8-Bromooctyl)oxy)phenylbis(3,4,5-trifluorophenyl)phosphine oxide

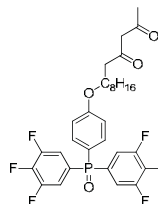
CAT# PH038



CAS#
Formula $C_{26}H_{24}BrF_6O_2P$
FW 593.34

13-(4-(Bis(3,4,5-trifluorophenyl)phosphoryl)phenoxy)tridecane-2,4-dione

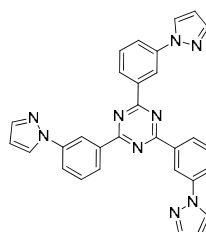
CAT# PH039



CAS#
Formula $C_{31}H_{31}F_6O_4P$
FW 612.54

2,4,6-Tris(3-(1H-pyrazol-1-yl)phenyl)-1,3,5-triazine

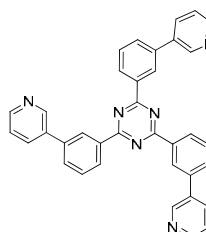
CAT# PH040



CAS#
Formula $C_{30}H_{21}N_9$
FW 507.55

2,4,6-Tris(3-(pyridin-3-yl)phenyl)-1,3,5-triazine

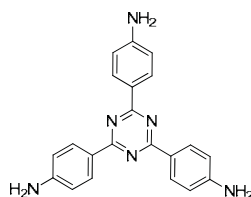
CAT# PH041



CAS# [939430-26-9]
Formula $C_{36}H_{24}N_6$
FW 540.62

4,4',4''-(1,3,5-Triazine-2,4,6-triyl)trianiline

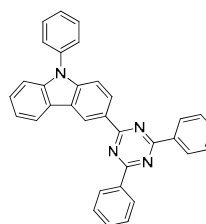
CAT# PH042



CAS# [14544-47-9]
Formula $C_{21}H_{18}N_6$
FW 354.41

3-(4,6-Diphenyl-1,3,5-triazin-2-yl)-9-phenyl-9H-carbazole

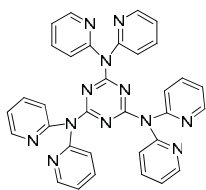
CAT# PH043



CAS# [1313391-57-9]
Formula $C_{33}H_{22}N_4$
FW 474.55

***N*²,*N*²,*N*⁴,*N*⁴,*N*⁶,*N*⁶-hexa(pyridin-2-yl)-1,3,5-triazine-2,4,6-triamine**

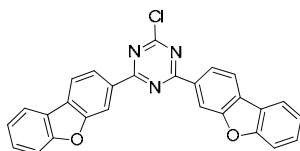
CAT# PH044



CAS# [432551-43-4]
Formula C₃₃H₂₄N₁₂
FW 588.62

2-Chloro-4,6-bis(dibenzo[*b*,*d*]furan-3-yl)-1,3,5-triazine

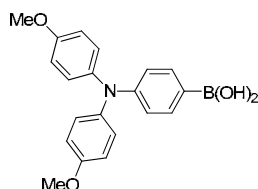
CAT# PH045



CAS# /
Formula C₂₇H₁₄ClN₃O₂
FW 447.87

(4-(Bis(4-methoxyphenyl)amino)phenyl)boronic acid

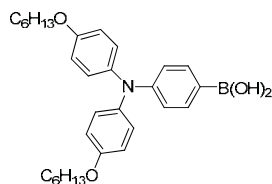
CAT# BA050



CAS# [201802-29-1]
Formula C₂₀H₂₀BNO₄
FW 349.19

(4-(Bis(4-(hexyloxy)phenyl)amino)phenyl)boronic acid

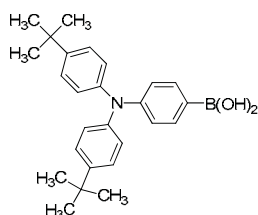
CAT# BA053



CAS#
Formula C₃₀H₄₀BNO₄
FW 489.45

(4-(Bis(4-(*tert*-butyl)phenyl)amino)phenyl)boronic acid

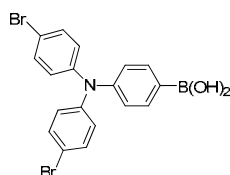
CAT# BA051



CAS# [851233-24-4]
Formula C₂₆H₃₂BNO₂
FW 401.35

(4-(Bis(4-bromophenyl)amino)phenyl)boronic acid

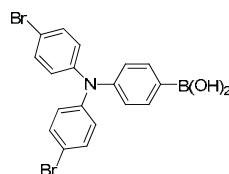
CAT# BA052



CAS# [300700-19-0]
Formula C₁₈H₁₄BBR₂NO₂
FW 446.93

(4-(Bis(4-(octyloxy)phenyl)amino)phenyl)boronic acid

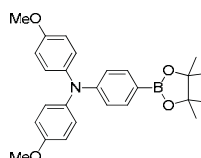
CAT# BA055



CAS#
Formula C₃₄H₄₈BNO₄
FW 545.56

4-Methoxy-*N*-(4-methoxyphenyl)-*N*-(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)aniline

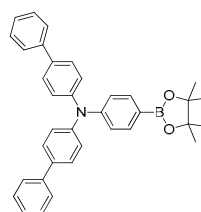
CAT# BA060



CAS# [875667-84-8]
Formula C₂₈H₃₀BNO₄
FW 431.33

Bis-biphenyl-4-yl-[4-(4,4,5,5-tetramethyl-[1,3,2]dioxaborolan-2-yl)-phenyl]-amine

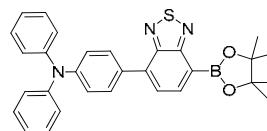
CAT# BA061



CAS# [952431-30-0]
Formula C₃₈H₃₄BNO₂
FW 523.47

***N,N*-diphenyl-4-(7-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzo[*c*][1,2,5]thiadiazol-4-yl)aniline**

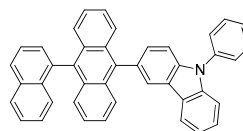
CAT# BA063



CAS#
Formula C₃₀H₂₈BN₃O₂S
FW 505.44

Fluorescent Dopants**9-(9-phenylcarbazole-3-yl)-10-(naphthalene-1-yl)anthracene**

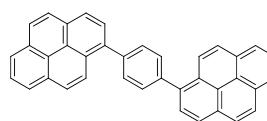
CAT# FD001



CAS#
Formula C₄₂H₂₇N
FW 545.67

Fluorescent Host Materials**1,4-Di(pyren-1-yl)benzene**

CAT# FH001

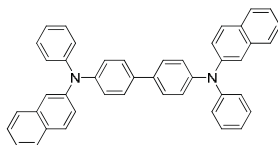


CAS# [475460-77-6]
Formula C₃₈H₂₂
FW 478.58

Hole Transport Materials

N,N'*-Bis(naphthalen-2-yl)-*N,N'*-bis(phenyl)-benzidine*β-NPB**

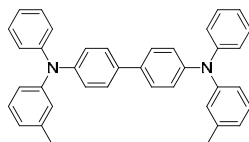
CAT# HT005



CAS# [139255-17-7]
 Formula C₄₄H₃₂N₂
 FW 588.74
 λ_{ab} 349 nm (THF)
 λ_{em} 416 nm (THF)

N,N'*-Bis(3-methylphenyl)-*N,N'*-bis(phenyl)benzidine*TPD**

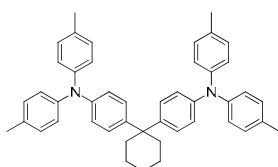
CAT# HT006



CAS# [65181-78-4]
 Formula C₃₈H₃₂N₂
 FW 516.7

1,1'-Bis(4-(di-*p*-tolylamino)phenyl)cyclohexane**TAPC**

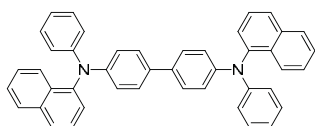
CAT# HT007



CAS# [58473-78-2]
 Formula C₄₆H₄₆N₂
 FW 626.87

N,N'*-Bis(naphthalen-1-yl)-*N,N'*-bis(phenyl)-benzidine*α-NPB**

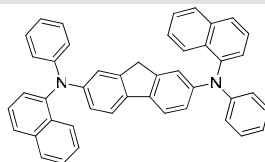
CAT# HT008



CAS# [123847-85-8]
 Formula C₄₄H₃₂N₂
 FW 588.74

***N,N'*-Di(naphthalen-1-yl)-*N,N'*-diphenyl-9H-fluorene-2,7-diamine**

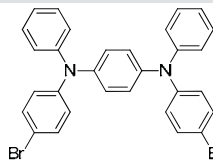
CAT# HT010



CAS# [273381-61-6]
 Formula C₄₅H₃₂N₂
 FW 600.75

***N,N'*-bis(4-bromophenyl)-*N,N'*-diphenylbenzene-1,4-diamine**

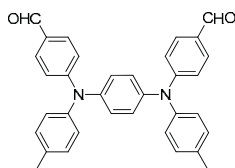
CAT# IN1300



CAS# [525602-17-9]
 Formula C₃₀H₂₂Br₂N₂
 FW 570.32

4,4'-(1,4-Phenylenebis(p-tolylazanediyl))dibenzaldehyde

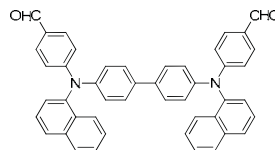
CAT# IN1301



CAS# [131660-39-4]
 Formula C₃₄H₂₈N₂O₂
 FW 496.60

4,4'-(Biphenyl-4,4'-diylbis(1-naphthalene-1-ylazanediyl))dibenzaldehyde

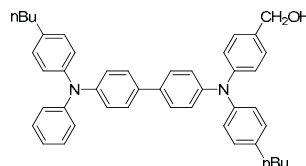
CAT# IN1303



CAS# [854938-56-0]
 Formula C₄₆H₃₂N₂O₂
 FW 644.76

(4-((4-Butylphenyl)(4'-((4-butylphenyl)(phenyl)amino)biphenyl-4-yl)amino)phenyl)methanol

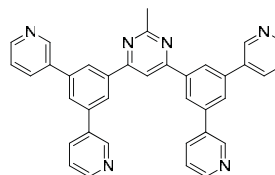
CAT# IN1005



CAS# [275793-98-1]
 Formula C₄₅H₄₆N₂O
 FW 630.86

4,6-Bis(3,5-di(pyridin-3-yl)phenyl)-2-methylpyrimidine

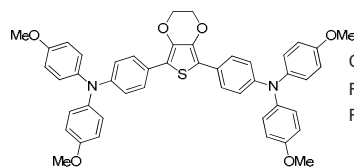
CAT# HT012



CAS# [925425-96-3]
 Formula C₃₇H₂₈N₆
 FW 554.64

4,4'-(2,3-Dihydrothieno[3,4-*b*][1,4]dioxine-5,7-diyl)bis(*N,N*-bis(4-methoxyphenyl)aniline)

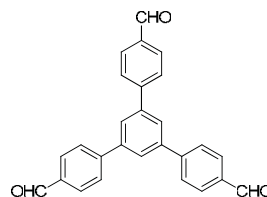
CAT# HT035



CAS# [461420-96-8]
 Formula C₄₆H₄₀N₂O₆S
 FW 748.88

5'-(4-Formylphenyl)-[1,1':3',1''-terphenyl]-4,4''-dicarbaldehyde

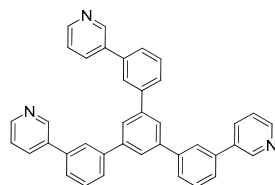
CAT# HT014



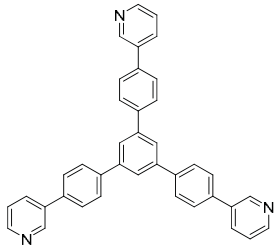
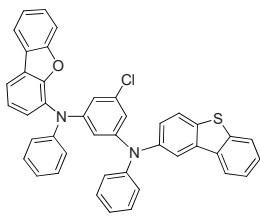
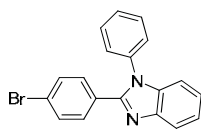
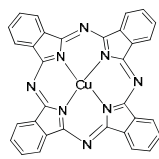
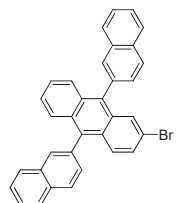
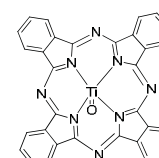
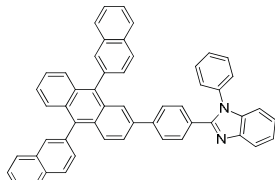
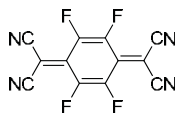
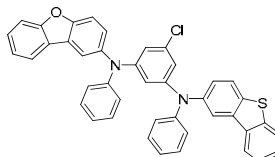
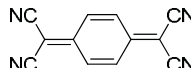
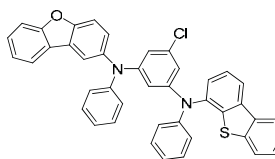
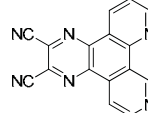
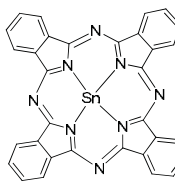
CAS# [118688-53-2]
 Formula C₂₇H₁₈O₃
 FW 390.43

1,3,5-Tri(*m*-pyrid-3-yl-phenyl)benzene

CAT# HT015



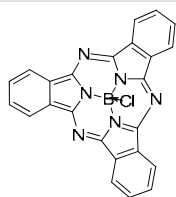
CAS# [921205-03-0]
 Formula C₃₉H₂₇N₃
 FW 537.65

1,3,5-Tri(<i>p</i>-pyrid-3-yl-phenyl)benzene CAT# HT016  CAS# [921205-02-9] Formula C₃₉H₂₇N₃ FW 537.65	5-Chloro-<i>N</i>'-(dibenzo[<i>b,d</i>]furan-4-yl)-<i>N</i>³-(dibenzo[<i>b,d</i>]thiophen-2-yl)-<i>N</i>¹,<i>N</i>³-diphenylbenzene-1,3-diamine CAT# HT044  CAS# / Formula C₄₂H₂₇ClN₂OS FW 643.19
2-(4-Bromophenyl)-1-phenyl-1<i>H</i>-benzo[<i>d</i>]imidazole CAT# HT017  CAS# [2620-76-0] Formula C₁₉H₁₃BrN₂ FW 349.22	Hole Injection Materials Phthalocyanine Copper complex CuPc CAT# HI001  CAS# [147-14-8] Formula C₃₂H₁₈N₈Cu FW 576.07
2-Bromo-9,10-di(naphthalen-2-yl)anthracene CAT# HT019  CAS# [474688-76-1] Formula C₃₄H₂₁Br FW 509.43.	Titanium oxide phthalocyanine TioPC CAT# HI002  CAS# [26201-32-1] Formula C₃₂H₁₆N₈O₂Ti FW 576.39
2-(4-(9,10-Di(naphthalen-2-yl)anthracen-2-yl)phenyl)-1-phenyl-1<i>H</i>-benzo[<i>d</i>]imidazole CAT# HT020  CAS# Formula C₅₃H₃₄N₂ FW 698.85	2,3,5,6-Tetrafluoro-7,7,8,8-tetracyanoquinodimethane F4-TCNQ CAT# HI003  CAS# [29261-33-4] Formula C₁₂F₄N₄ FW 276.15
5-Chloro-<i>N</i>'-(dibenzo[<i>b,d</i>]furan-2-yl)-<i>N</i>³-(dibenzo[<i>b,d</i>]thiophen-2-yl)-<i>N</i>¹,<i>N</i>³-diphenylbenzene-1,3-diamine CAT# HT042  CAS# / Formula C₄₂H₂₇ClN₂OS FW 643.19	(2,5-Cyclohexadiene-1,4-diylidene)-dimalononitrile TCNQ CAT# HI004  CAS# [1518-16-7] Formula C₁₂H₄N₄ FW 204.19
5-Chloro-<i>N</i>'-(dibenzo[<i>b,d</i>]furan-2-yl)-<i>N</i>³-(dibenzo[<i>b,d</i>]thiophen-4-yl)-<i>N</i>¹,<i>N</i>³-diphenylbenzene-1,3-diamine CAT# HT043  CAS# / Formula C₄₂H₂₇ClN₂OS FW 643.19.	Pyrazino[2,3-<i>f</i>][1,10]phenanthroline-2,3-dicarbonitrile PPDN CAT# HI005  CAS# [215611-93-1] Formula C₁₆H₆N₆ FW 282.26
	Tin(II) Phthalocyanine SnPC CAT# HI006  CAS# [15304-57-1] Formula C₃₂H₁₆N₈Sn FW 631.23

Boron subphthalocyanine chloride

SubPc

CAT# HI007

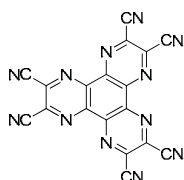


CAS# [36530-06-0]
Formula $C_{24}H_{12}BN_3Cl$
FW 430.66

Hexaazatriphenylenehexacarbonitrile

HAT-CN

CAT# HI010

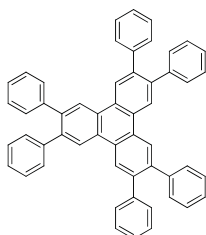


CAS# [105598-27-4]
Formula $C_{18}N_{12}$
FW 384.27

Electron Injection Materials

2,3,6,7,10,11-Hexaphenyltriphenylene

CAT# EI003



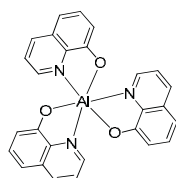
CAS# [836671-27-3]
Formula $C_{54}H_{36}$
FW 684.86

Electron Transport Materials

Tris(8-hydroxyquinolato)aluminum

Alq3

CAT# ET001

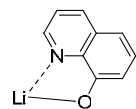


CAS# [2085-33-8]
Formula $C_{27}H_{18}AlN_3O_3$
FW 459.43

8-Hydroxyquinolinolato-lithium

Liq

CAT# ET002

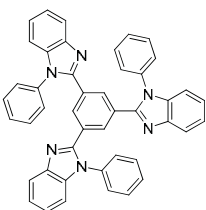


CAS# [850918-68-2]
Formula C_9H_6LiNO
FW 151.09

2,2',2''-(1,3,5-Benzenetriyl)tris(1-phenyl-1H-benzimidazole)

TPBi

CAT# ET003

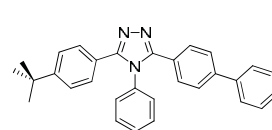


CAS# [192198-85-9]
Formula $C_{45}H_{30}N_6$
FW 654.76

3-(4-Biphenyl)-4-phenyl-5-tert-butylphenyl-1,2,4-triazole

TAZ

CAT# ET004

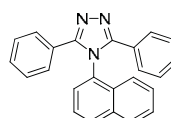


CAS# [150405-69-9]
Formula $C_{30}H_{27}N_3$
FW 429.56

4-(Naphthalen-1-yl)-3,5-diphenyl-4H-1,2,4-triazole

NTAZ

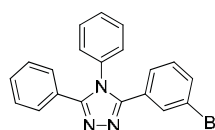
CAT# ET005



CAS# [16152-10-6]
Formula $C_{24}H_{17}N_3$
FW 347.41

3-(3-Bromophenyl)-4,5-diphenyl-4H-1,2,4-triazole

CAT# ET009

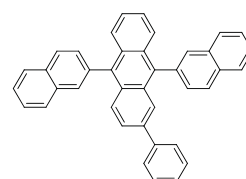


CAS# [1388231-53-5]
Formula $C_{20}H_{14}BrN_3$
FW 376.25

2-Phenyl-9,10-di(naphthalen-2-yl)-anthracene

PADN

CAT# ET006

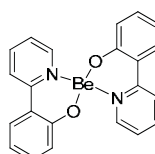


CAS# [865435-20-7]
Formula $C_{40}H_{26}$
FW 506.63
 λ_{ab} 284 nm (CH_2Cl_2)
 λ_{em} 440 nm (CH_2Cl_2)

Bis(2-(2-hydroxyphenyl)-pyridine)beryllium

Be(PP)₂

CAT# ET007

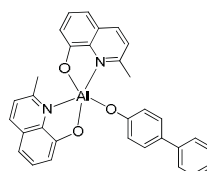


CAS# [220694-90-6]
Formula $C_{22}H_{16}BeN_2O_2$
FW 349.39

Bis(2-methyl-8-quinolinolato-N1,O8)-(1,1'-Biphenyl-4-olato) aluminum

BAIq3

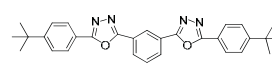
CAT# ET008



CAS# [146162-54-1]
Formula $C_{32}H_{28}AlN_4O_3$
FW 512.54

2,2'-(1,3-Phenylene)bis[5-(4-tert-butylphenyl)-1,3,4-oxadiazole]

CAT# ET010

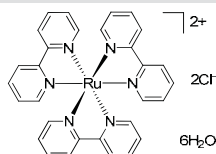


CAS# [138372-67-5]
Formula $C_{30}H_{30}N_4O_2$
FW 478.58

LEEC (Light Emitting Electrochemical Cell)

Tris(2,2'-bipyridyl)ruthenium(II)dichloride hexahydrate

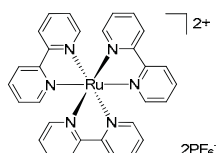
CAT# RU001001001Cl



CAS# [50525-27-4]
Formula C₃₀H₂₄Cl₂N₆Ru · 6H₂O
FW 748.62

Tris(2,2'-bipyridyl)ruthenium(II) bishexafluorophosphate

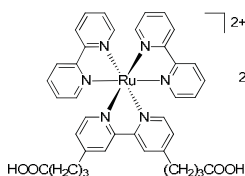
CAT# RU001001001PF6



CAS# [60804-74-2]
Formula C₃₀H₂₄F₁₂N₆P₂Ru
FW 859.54

Bis(2,2'-bipyridyl)(2,2'-bipyridine-4,4'-dibutanoic acid)ruthenium(II) dichloride

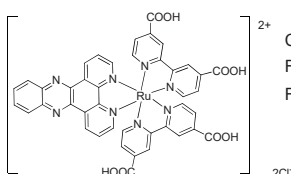
CAT# RU001001442Cl



CAS# /
Formula C₃₈H₃₆Cl₂N₆O₄Ru
FW 812.8

Bis(4,4'-Dicarboxyl-2,2'-bipyridyl)(4,5,9,14-Tetraaza-benzo[b]triphenylene)ruthenium(II) dichloride

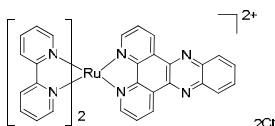
CAT# RU111029029Cl



CAS# /
Formula C₄₂H₂₆Cl₂N₈O₈Ru
FW 942.6

Bis(2,2'-bipyridyl)(4,5,9,14-Tetraaza-benzo[b]triphenylene)ruthenium(II) dichloride

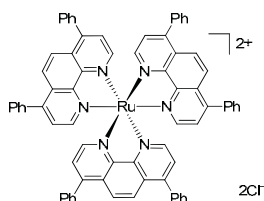
CAT# RU001001111Cl



CAS# /
Formula C₃₈H₂₆Cl₂N₈Ru
FW 766.64

Tris(4,7-diphenyl-1,10-phenanthroline)ruthenium(II) dichloride

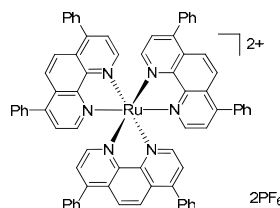
CAT# RU088088088Cl



CAS# [36309-88-3]
Formula C₇₂H₄₈N₆Cl₂Ru
FW 1169.17

Tris(4,7-diphenyl-1,10-phenanthroline)ruthenium(II) bishexafluorophosphate

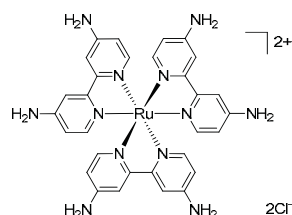
CAT# RU088088088PF6



CAS# [123148-15-2]
Formula C₇₂H₄₈F₁₂N₆P₂Ru
FW 1388.19

Tris([2,2'-bipyridine]-4,4'-diamine)ruthenium(II)dichloride

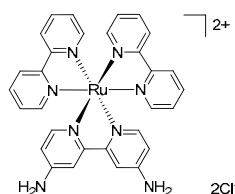
CAT# RU019019019Cl



CAS# /
Formula C₃₃H₃₈Cl₂N₁₂Ru
FW 774.71

Bis(2,2'-bipyridyl)([2,2'-bipyridine]-4,4'-diamine)ruthenium(II) dichloride

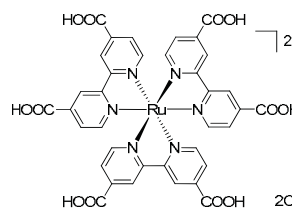
CAT# RU019001001Cl



CAS# /
Formula /
FW /

Tris(4,4'-dicarboxylicacid-2,2'-bipyridyl)ruthenium(II) dichloride

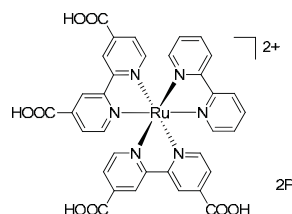
Ru(dcbpy)3Cl2 CAT# RU029029029Cl



CAS# [97333-46-5]
Formula C₃₆H₂₄N₆O₁₂Cl₂Ru
FW 904.59

Bis(4,4'-dicarboxylicacid-2,2'-bipyridyl)(2,2'-bipyridyl)ruthenium(II) bishexafluorophosphate

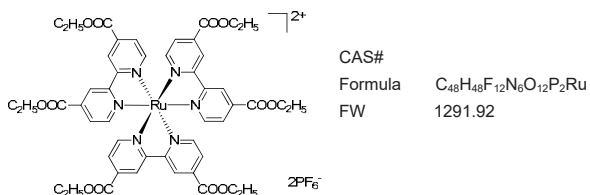
CAT# RU001029029PF6



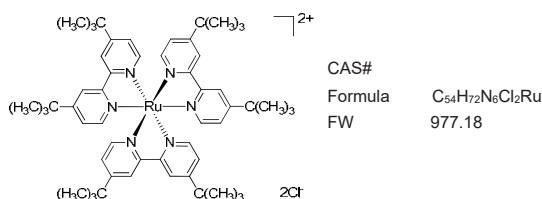
CAS# /
Formula C₃₄H₂₄F₁₂N₆O₈P₂Ru
FW 1035.59

Tris(4,4'-diethoxycarbon-2,2'-bipyridyl)ruthenium(II) bishexafluorophosphate

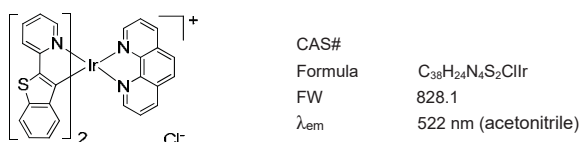
CAT# RU037037037PF6

**Tris(4,4'-ditertbutyl-2,2'-bipyridyl)ruthenium(II) dichloride**

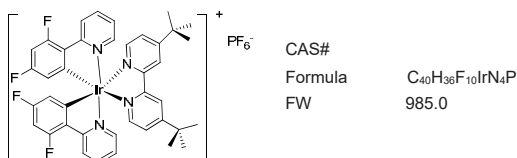
CAT# RU030030030Cl

**Bis(2-(benzo[b]thiophen-2-yl)pyridyl- C^2,N')(2-Benzo[h]quinoline) iridium(III) chloride**

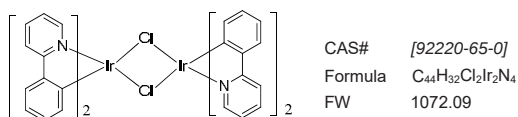
CAT# IR068629629Cl

**Bis(4,6-difluoro-2-(2-pyridyl)phenyl- C^2,N')(4,4'-Di-tert-butyl-[2,2']bipyridyl) iridium(III)hexafluorophosphate**

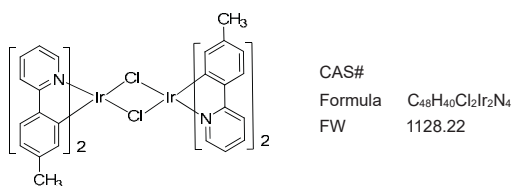
CAT# Ir(fpy)2(dtbbpy)PF6

**Dichloro-bridged Iridium(III) Complexes****Tetrakis(2-phenylpyridine- C^2,N')(μ -dichloro)diiridium(III)**

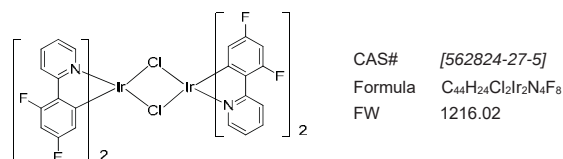
CAT# 2IR601

**Tetrakis(2-(p-tolyl)pyridine- C^2,N')(μ -dichloro)diiridium(III)**

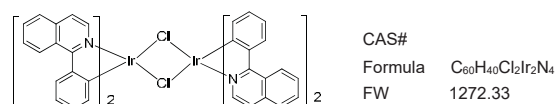
CAT# 2IR602

**Tetrakis(4,6-difluoro-2-(2-pyridyl)phenyl- C^2,N')(μ -dichloro)diiridium(III)**

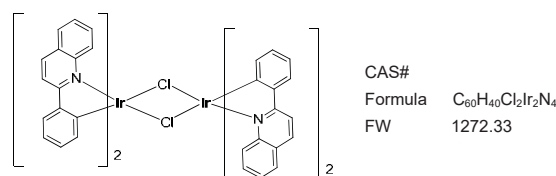
CAT# 2IR604

**Tetrakis(1-phenylisoquinoline- C^2,N')(μ -dichloro)diiridium(III)**

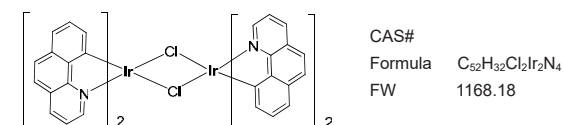
CAT# 2IR617

**Tetrakis(2-phenylquinoline- C^2,N')(μ -dichloro)diiridium(III)**

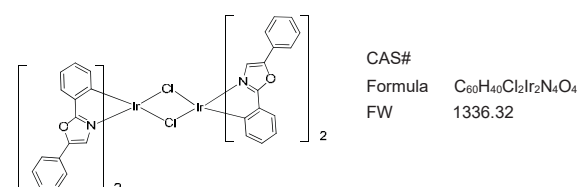
CAT# 2IR618

**Tetrakis(benzo[h]quinoline- C^2,N')(μ -dichloro)diiridium(III)**

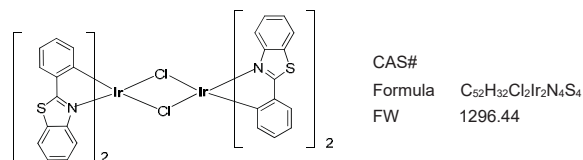
CAT# 2IR621

**Tetrakis(2,5-diphenyloxazole- C^2,N')(μ -dichloro)diiridium(III)**

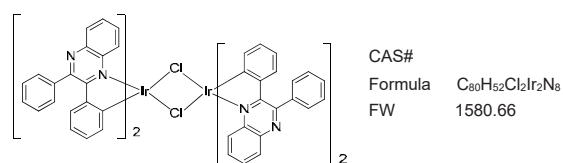
CAT# 2IR624

**Tetrakis(2-phenylbenzothiazole- C^2,N')(μ -dichloro)diiridium(III)**

CAT# 2IR625

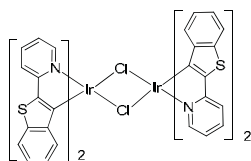
**Tetrakis(2,3-diphenylquinoxaline- C^2,N')(μ -dichloro)diiridium(III)**

CAT# 2IR628



Tetrakis(2-(benzo[*b*]thiophen-2-yl)pyridine-*C*²,*N*')(μ-dichloro) diiridium(III)

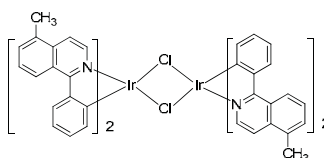
CAT# 2IR629



CAS#
Formula C₆₂H₃₂Cl₂Ir₂N₄S₄
FW 1296.44

Tetrakis(5-methyl-1-phenylisoquinoline-*C*²,*N*')(μ-dichloro) diiridium(III)

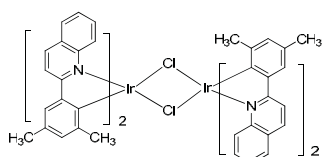
CAT# 2IR632



CAS#
Formula C₆₄H₄₈Cl₂Ir₂N₄
FW 1328.46

Tetrakis(2-(3,5-Dimethylphenyl)quinoline-*C*²,*N*')(μ-dichloro) diiridium(III)

CAT# 2IR633



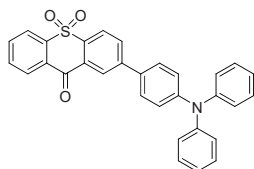
CAS#
Formula C₆₈H₅₆Cl₂Ir₂N₄
FW 1384.54

TADF Materials

2-[4-(Diphenylamino) phenyl]-10, 10-dioxide-9*H*-thioxanthen-9-one

TXO-TPA

CAT# TF001

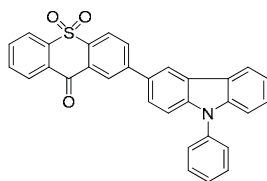


CAS# [1623010-63-8]
Formula: C₃₁H₂₁NO₃S
FW: 487.57
UV: 396 nm (in Toluene)
PL: 625 nm (film)
TGA: >250 °C (0.5% weight loss)

2-(9-Phenyl-9*H*-carbazol-3-yl)-10,10-dioxide-9*H*-thioxanthen-9-one

TXO-PhCz

CAT# TF002



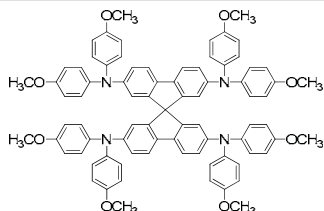
CAS# [1623010-64-9]
Formula: C₃₁H₁₉NO₃S
FW: 485.55
UV: 415 nm (in Toluene)
PL: 570 nm (film)
TGA: >250 °C (0.5% weight loss)

OPV & OTFT
Materials/ Monomer/ Intermediates

2,2',7,7'-Tetrakis(N,N-p-dimethoxyphenylamino)-9,9'-spirobifluorene

Spiro-MeOTAD

CAT# OP001

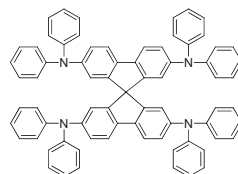


CAS# [207739-72-8]
Formula: C₈₁H₆₈N₄O₈
FW: 1225.43

*N*²,*N*²,*N*²,*N*²,*N*⁷,*N*⁷,*N*⁷,*N*⁷-octaphenyl-9,9'-spirobifluorene-2,2',7,7'-tetraamine

Spiro-TAD

CAT# OP005

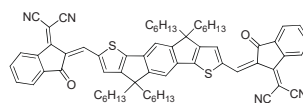


CAS# [189363-47-1]
Formula C₇₃H₅₂N₄
FW 985.22

2,2'-((2*Z*,2'*Z*)-((4,4,9,9-tetrahexyl-4,9-dihydro-*s*-indaceno[1,2-*b*:5,6-*b'*]dithiophene-2,7-diyl)bis(methanylylidene))bis(3-oxo-2,3-dihydro-1*H*-indene-2,1-diylidene))dimalononitrile

IDIC

CAT# OP011

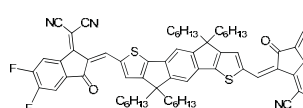


CAS# [1883441-92-6]
Formula C₆₆H₆₆N₄O₂S₂
FW 1011.39

2,2'-((2*Z*,2'*Z*)-((4,4,9,9-tetrahexyl-4,9-dihydro-*s*-indaceno[1,2-*b*:5,6-*b'*]dithiophene-2,7-diyl)bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1*H*-indene-2,1-diylidene))dimalononitrile

IDIC-4F

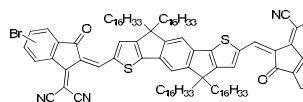
CAT# OP012



CAS# [2229934-71-6]
Formula C₆₆H₆₂F₄N₄O₂S₂
FW 1083.35

IDIC-C16-Br

CAT# OP013

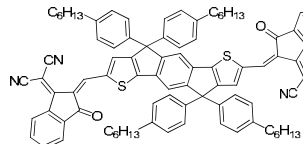


CAS# /
Formula
FW

2,2'-((2*Z*,2'*Z*)-((4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydro-*s*-indaceno[1,2-*b*:5,6-*b'*]dithiophene-2,7-diyl)bis(methanylylidene))bis(3-oxo-2,3-dihydro-1*H*-indene-2,1-diylidene))dimalononitrile

IDT-IC

CAT# OP021

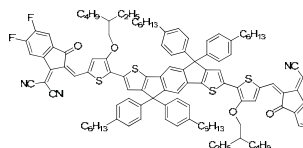


CAS# [2095504-33-7]
Formula C₉₀H₈₂N₄O₂S₂
FW 1315.77

2,2'-((2*Z*,2'*Z*)-((5,5'-(4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydro-*s*-indaceno[1,2-*b*:5,6-*b'*]dithiophene-2,7-diyl)bis(4-((2-ethylhexyloxy)thiophene-5,2-diyl)bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1*H*-indene-2,1-diylidene))dimalononitrile

IEICO-4F

CAT# OP023

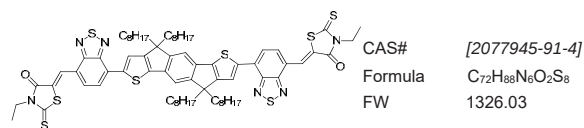


CAS# [2089044-02-8]
Formula C₁₁₄H₁₁₄F₄N₄O₄S₄
FW 1808.40

(5Z,5'Z)-5,5'-((7,7'-(4,4,9,9-tetraoctyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(benzo[c][1,2,5]thiadiazole-7,4-diyl))bis(methanylylidene))bis(3-ethylthiazolidine-2,4-dione)

IDTBR

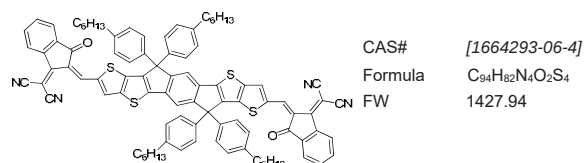
CAT# OP025



2,2'-[[6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-diyl]bis[methylidyne(3-oxo-1H-indene-2,1(3H)-diylidene)]]bispropanedinitrile

ITIC

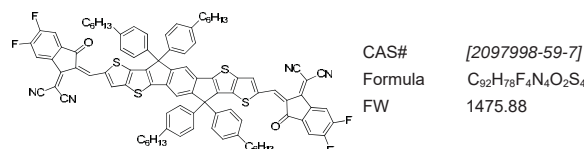
CAT# OP031



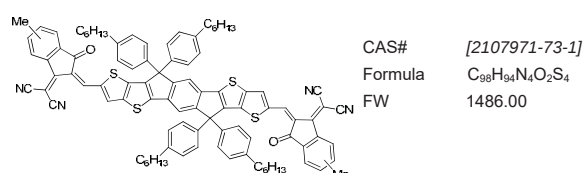
3,9-Bis(2-methylene-((3-(1,1-dicyanomethylene)-6,7-difluoro)-indanon e))-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene

IT-4F, ITIC-2F

CAT# OP032

**IT-M**

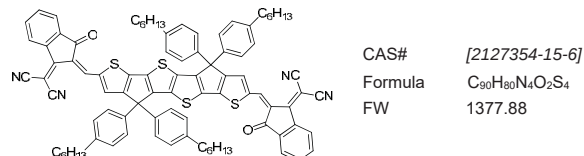
CAT# OP035



Propanedinitrile, 2,2'-[[4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydrothieno[3',2':4,5]cyclopenta[1,2-b]thieno[2'',3'':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene-2,7-diyl]bis[methylidyne(3-oxo-1H-indene-2,1(3H)-diylidene)]]bis-

IHIC

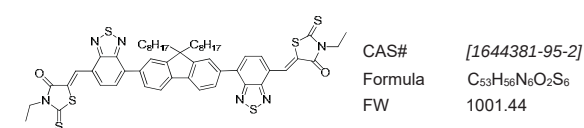
CAT# OP040



(5Z,5'Z)-5,5'-((7,7'-(9,9-dioctyl-9H-fluorene-2,7-diyl)bis(benzo[c][1,2,5]thiadiazole-7,4-diyl))bis(methanylylidene))bis(3-ethyl-2-thioxothiazolidin-4-one)

FBR

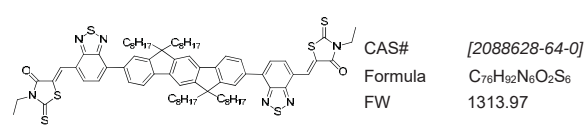
CAT# OP045



(5Z,5'Z)-5,5'-((7,7'-(6,6,12,12-tetraoctyl-6,12-dihydroindeno[1,2-b]fluorene-2,8-diyl)bis(benzo[c][1,2,5]thiadiazole-7,4-diyl))bis(methanylylidene))bis(3-ethyl-2-thioxothiazolidin-4-one)

IDFBR

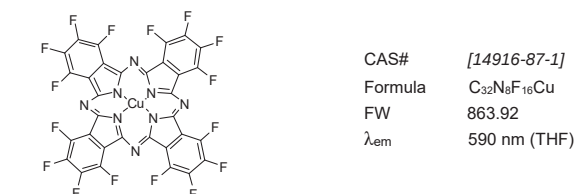
CAT# OP048



Copper(II) 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-29H,31H-phthalocyanine

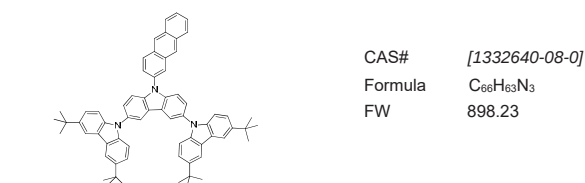
F16CuPC

CAT# OE001

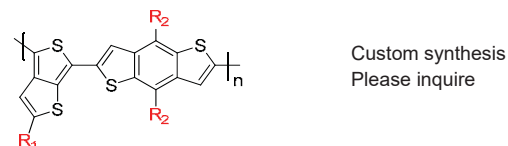


9'-(Anthracen-2-yl)-3,3'',6,6''-tetra-tert-butyl-9'H-9,3':6'',9''-tercarbazole

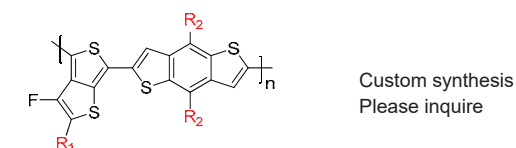
CAT# OE002



CAT# OP002



CAT# OP003



Poly[n-(1-octylonyl)-9h-carbazole-2,7-diyl]

PCz

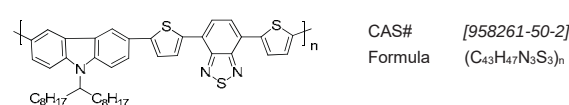
CAT# Sunamer503



Poly[[9-(1-octylonyl)-9H-carbazole-2,7-diyl]-2,5-thiophenediyl-2,1,3-benzothiadiazole-4,7-diyl-2,5-thiophenediyl]

PCDTBT

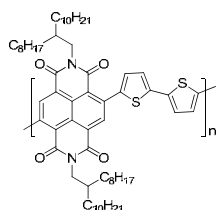
CAT# Sunamer502



Poly(2,7-bis(2-octyldodecyl)benzo[Imn][3,8]phenanthroline-1,3,6,8 (2H,7H)-tetraone-4,9-diyl)[(2,2'']bithiophenyl-5,5'-diyl)]

N2200

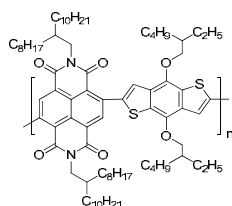
CAT# Sunamer901



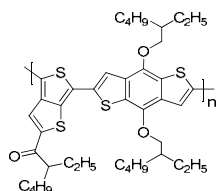
CAS# [1100243-40-0]

Formula (C₆₂H₉₀N₂S₂O₄)_n

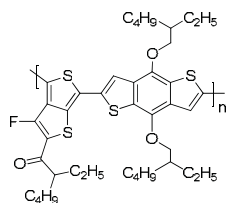
CAT# Sunamer902



CAT# Sunamer101



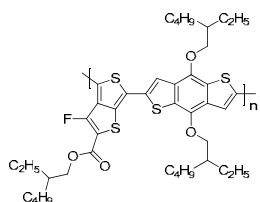
CAT# Sunamer102



Poly[[4,8-bis[(2-ethylhexyl)oxy]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl][3-fluoro-2-[(2-ethylhexyl)carbonyl]thieno[3,4-b]thiophenediyl]]

PTB7

CAT# Sunamer103



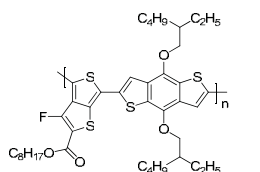
CAS# [1266549-31-8]

Formula (C₄₁H₅₃FO₄S₄)_n

Poly[[4,8-bis[(2-ethylhexyl)oxy]-benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-alt-[3-fluore-2-(octyloxy)-carbonylthieno[3,4-b]thiophene-4,6-diyl]]

PTB4

CAT# Sunamer104



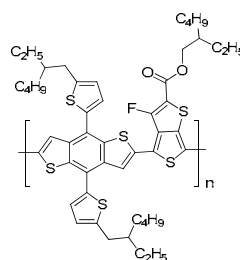
CAS#

Formula (C₄₁H₅₃FO₄S₄)_n

Poly[4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl-alt-(4-(2-ethylhexyl)-3-fluorothieno[3,4-b]thiophene-2-carboxylate-2,6-diyl)]

PTB-TH

CAT# Sunamer105



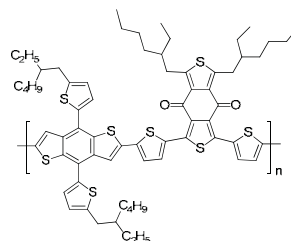
CAS# [1469791-66-9]

Formula (C₄₈H₅₉FO₂S₆)_n

Poly[(2,6-(4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene)-alt-(5,5-(1',3'-di-2-thienyl-5',7'-bis(2-ethylhexyl)benzo[1',2'-c:4',5'-c']dithiophene-4,8-dione))]

PBDB-T

CAT# Sunamer107



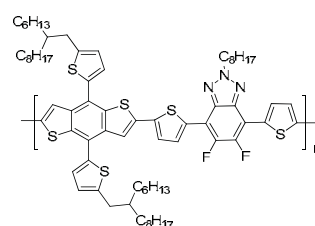
CAS# [145929-80-4]

Formula (C₆₈H₇₈O₂S₆)_n

Poly[(5,6-difluoro-2-octyl-2H-benzotriazole-4,7-diyl)-2,5-thiophenediyl [4,8-bis[5-(2-hexyldecyl)-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl]

J51

CAT# Sunamer108



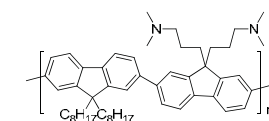
CAS# [1393529-03-7]

Formula

Poly[(9,9-bis(3'-(N,N-dimethylamino)propyl)-2,7-fluorene)-alt-2,7-(9,9-ioctylfluorene)]

PFN

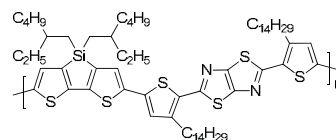
CAT# Sunamer301



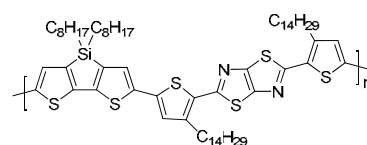
CAS# [673474-74-3]

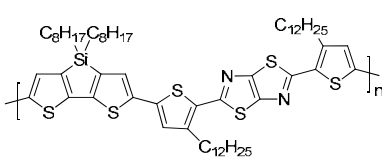
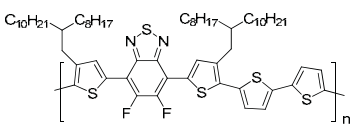
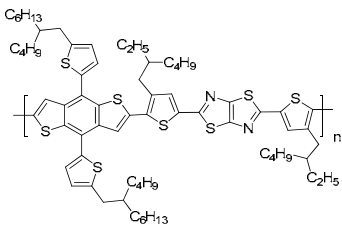
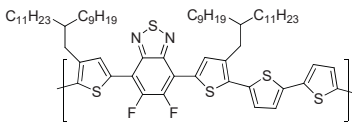
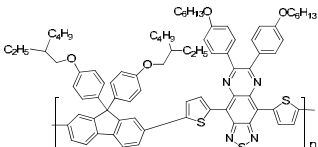
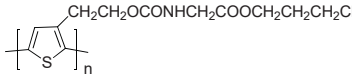
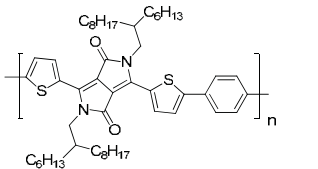
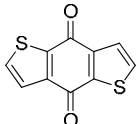
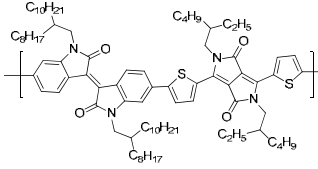
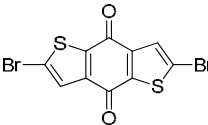
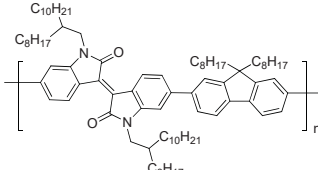
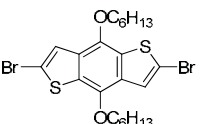
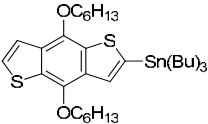
Formula (C₅₂H₇₀N₂)_n

CAT# Sunamer401



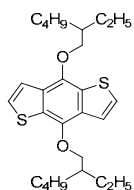
CAT# Sunamer405



CAT# Sunamer406 	Poly[(5,6-difluoro-2,1,3-benzothiadiazol-4,7-diyl)-<i>alt</i>-(3,3''-di(2-octyldodecyl)-2,2';5',2'';5'',2'''-quaterthiophen-5,5'''-diyl)] PffBT4T-2OD CAT# Sunamer505  CAS# [1644164-62-4] Formula (C₆₄H₉₄F₂N₂S₅)_n
PTZ1 CAT# Sunamer407  CAS# [2029196-34-5] Formula	PffBT4T-C9C13 CAT# Sunamer506  CAS# Formula (C₆₈H₁₀₂F₂N₂S₅)_n
Poly[9,9-bis(4-(2-ethylhexyl)phenyl)fluorene-<i>alt</i>-co-6,7-bis(4-(hexyloxy)phenyl)-4,9-di(thiophen-2-yl)-thiadiazoloquinoxaline] PFTTQ CAT# Sunamer501  CAS# Formula (C₈₁H₈₈N₄O₄S₃)_n	Poly[2(3-thienyl)ethanol n-butoxycarbonylmethylurethane] PURET CAT# Sunamer801  CAS# Formula
Poly[{2,5-bis(2-hexyloxy)-2,3,5,6-tetrahydro-3,6-dioxopyrrolo[3,4-c]pyrrole-1,4-diyl}-<i>alt</i>-{2,2'-(1,4-phenylene)bisthiophene]-5,5'-diyl}] PDPPTPT CAT# Sunamer701  CAS# Formula (C₅₂H₇₄N₂O₂S₂)_n	Monomer-BDT Series 4,8-Dihydrobenzo[1,2-b:4,5-b']dithiophene-4,8-dione BDT CAT# OC1016  CAS# [32281-36-0] Formula C₁₀H₄O₂S₂ FW 220.27
Poly[(<i>E</i>)-1,1'-bis(2-octyldodecyl)-[3,3'-biindolinyldiene]-2,2'-dione-6,6'-diyl][9,9-dioctyl-9H-fluorene-2,7-diyl] PDPP1ID CAT# Sunamer702  CAS# Formula	2,6-Dibromobenzo[1,2-b:4,5-b']dithiophene-4,8-dione CAT# OC1116  CAS# [196491-93-7] Formula C₁₀H₂Br₂O₂S₂ FW 378.06
PFIID CAT# Sunamer703  CAS# Formula	2,6-Dibromo-4,8-bis(hexyloxy)benzo[1,2-b:4,5-b']dithiophene CAT# IN1193  CAS# [359017-65-5] Formula C₂₂H₂₈Br₂O₂S₂ FW 548.39 (4,8-Bis(hexyloxy)benzo[1,2-b:4,5-b']dithiophen-2-yl)tributylstannane CAT# IN1793  CAS# / Formula C₃₄H₅₆O₂S₂Sn FW 679.65

4,8-Bis(2-ethylhexyloxy)benzo[1,2-b:4,5-b']dithiophene**BDT-OEH**

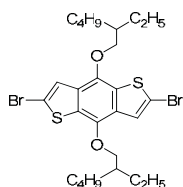
CAT# IN1055



CAS# [1160823-77-7]
Formula C₂₆H₃₈O₂S₂
FW 446.71

2,6-Dibromo-4,8-bis(2-ethylhexyloxy)benzo[1,2-b:4,5-b']dithiophene**2Br-BDT-OEH**

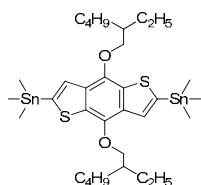
CAT# IN1056



CAS# [1226782-13-3]
Formula C₂₆H₃₆Br₂O₂S₂
FW 604.50

2,6-Bis(trimethyltin)-4,8-bis(2-ethylhexyloxy)benzo[1,2-b:4,5-b']dithiophene**2Sn-BDT-OEH**

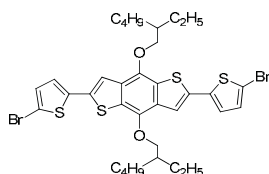
CAT# IN1016



CAS# [1160823-78-8]
Formula C₃₂H₅₄O₂S₂Sn₂
FW 772.32

2,6-Bis(5-bromothiophen-2-yl)-4,8-bis((2-ethylhexyl)oxy)benzo[1,2-b:4,5-b']dithiophene

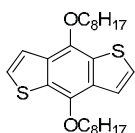
CAT# IN1187



CAS# [1160823-78-8]
Formula C₃₄H₄₀Br₂O₂S₄
FW 768.75

4,8-Dioctyloxybenzo[1,2-b:3,4-b']dithiophene**BDT-OCT**

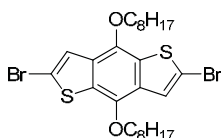
CAT# IN1130



CAS# [1098102-94-3]
Formula C₂₆H₃₈O₂S₂
FW 446.71

2,6-Dibromo-4,8-bis(octyloxy)benzo[1,2-b:4,5-b']dithiophene**2Br-BDT-OCT**

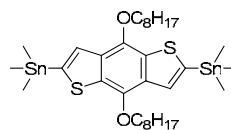
CAT# IN1131



CAS# [1294515-75-5]
Formula C₂₆H₃₆Br₂O₂S₂
FW 604.50

2,6-Bis(trimethyltin)-4,8-dioctyloxybenzo[1,2-b:3,4-b']dithiophene**2Sn-BDT-OCT**

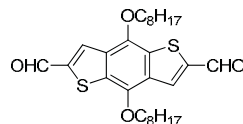
CAT# IN1132



CAS# [1098102-95-4]
Formula C₃₂H₅₄O₂S₂Sn₂
FW 772.32

2,6-Dicarbaldehyde-4,8-dioctyloxybenzo[1,2-b:3,4-b']dithiophene

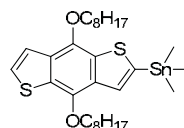
CAT# IN1133



CAS# [1668554-22-0]
Formula C₂₈H₃₈O₄S₂
FW 502.73

(4,8-Bis(octyloxy)benzo[1,2-b:4,5-b']dithiophen-2-yl)trimethylstannane

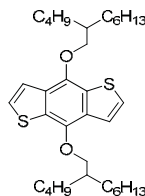
CAT# IN1134



CAS# [1625696-07-2]
Formula C₂₉H₄₆O₂S₂Sn
FW 609.51

4,8-Bis((2-butyloctyl)oxy)benzo[1,2-b:4,5-b']dithiophene**BDT-OBO**

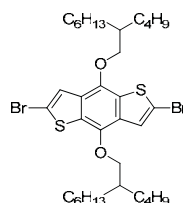
CAT# IN1140



CAS# [1321590-78-6]
Formula C₃₄H₅₄O₂S₂
FW 558.92

2,6-Dibromo-4,8-bis((2-butyloctyl)oxy)benzo[1,2-b:4,5-b']dithiophene**2Br-BDT-OBO**

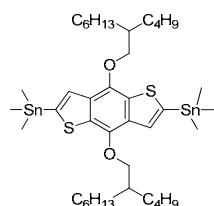
CAT# IN1141



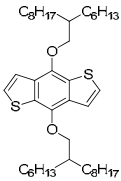
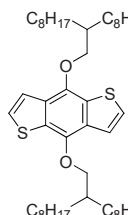
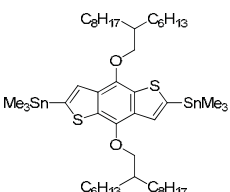
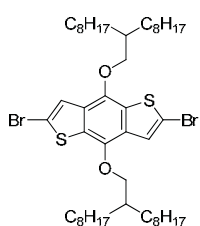
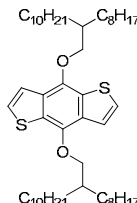
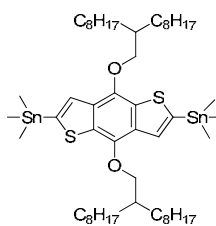
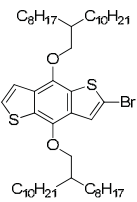
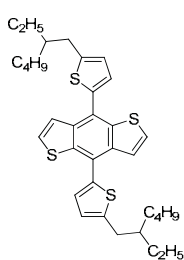
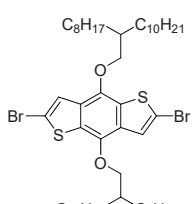
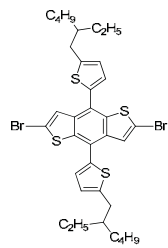
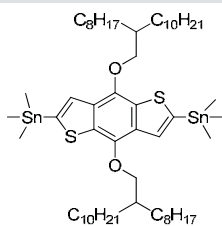
CAS# [1336893-15-2]
Formula C₃₄H₅₂Br₂O₂S₂
FW 716.71

(4,8-Bis((2-butyloctyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)**2Sn-BDT-OBO**

CAT# IN1142

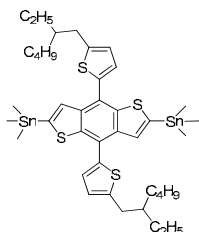


CAS# [1271439-08-7]
Formula C₄₀H₇₀O₂S₂Sn₂
FW 884.53

4,8-Bis((2-hexyldodecyl)oxy)benzo[1,2-b:4,5-b']dithiophene CAT# IN1146  CAS# [1254985-73-3] Formula C₄₂H₇₀O₂S₂ FW 671.13	4,8-Bis((2-octyldodecyl)oxy)benzo[1,2-b:4,5-b']dithiophene BDT-OOD CAT# IN1150  CAS# Formula C₄₆H₇₈O₂S₂ FW 727.24
(4,8-Bis((2-hexyldodecyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1149  CAS# [1254985-74-4] Formula C₄₈H₈₆O₂S₂Sn₂ FW 996.75	2,6-Dibromo-4,8-bis((2-octyldodecyl)oxy)benzo[1,2-b:4,5-b'] dithiophene 2Br-BDT-OOD CAT# IN1151  CAS# Formula C₄₆H₇₈Br₂O₂S₂ FW 885.03
4,8-Bis((2-octyldodecyl)oxy)benzo[1,2-b:4,5-b']dithiophene BDT-ODDD CAT# IN1160  CAS# [1320201-19-1] Formula C₅₀H₈₆O₂S₂ FW 783.35	(4,8-Bis((2-octyldodecyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) 2Sn-BDT-ODD CAT# IN1152  CAS# Formula C₅₂H₉₄O₂S₂Sn₂ FW 1052.85
2-Bromo-4,8-bis((2-octyldodecyl)oxy)benzo[1,2-b:4,5-b']dithiophene CAT# IN1189  CAS# Formula C₅₀H₈₆BrO₂S₂ FW 862.24	4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b'] dithiophene CAT# IN1170  CAS# [1352642-35-3] Formula C₃₄H₄₂S₄ FW 578.96
2,6-Dibromo-4,8-bis((2-octyldodecyl)oxy)benzo[1,2-b:4,5-b'] dithiophene 2Br-BDT-ODDD CAT# IN1161  CAS# Formula C₅₀H₈₄Br₂O₂S₂ FW 941.14	2,6-Dibromo-4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b'] dithiophene CAT# IN1171  CAS# [1482447-24-4] Formula C₃₄H₄₀Br₂S₄ FW 736.75
(4,8-Bis((2-octyldodecyl)oxy)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) 2Sn-BDT-ODDD CAT# IN1162  CAS# [1320201-22-6] Formula C₅₆H₁₀₂O₂S₂Sn₂ FW 1108.96	

2,6-Bis(trimethyltin)-4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

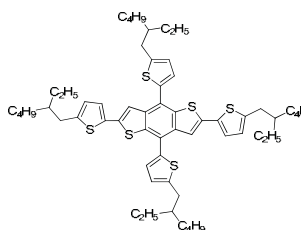
CAT# IN1172



CAS# [1352642-37-5]
Formula C₄₀H₅₆S₄Sn₂
FW 904.57

2,4,6,8-Tetrakis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

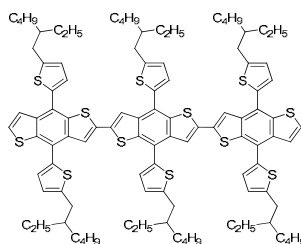
CAT# IN1769



CAS# /
Formula C₅₈H₇₆S₆
FW 967.63

4,4',4'',8,8',8''-Hexakis(5-(2-ethylhexyl)thiophen-2-yl)-2,2':6',2''-terbenzo[1,2-b:4,5-b']dithiophene

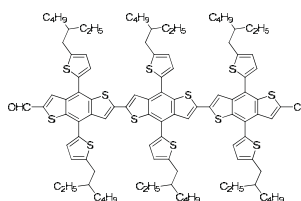
CAT# IN1779



CAS# /
Formula C₁₀₂H₁₂₂S₁₂
FW 1732.84

4,4',4'',8,8',8''-Hexakis(5-(2-ethylhexyl)thiophen-2-yl)-[2,2':6',2''-terbenzo[1,2-b:4,5-b']dithiophene]-6,6''-dicarbaldehyde

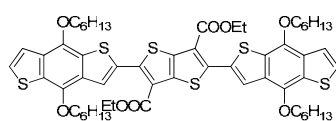
CAT# IN1772



CAS# /
Formula C₁₀₄H₁₂₂O₂S₁₂
FW 1788.86

Diethyl 2,5-bis(4,8-bis(hexyloxy)benzo[1,2-b:4,5-b']dithiophen-2-yl)thieno[3,2-b]thiophene-3,6-dicarboxylate

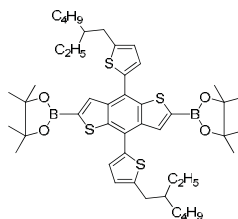
CAT# IN1795



CAS# /
Formula C₅₆H₆₈O₈S₆
FW 1061.52

2,2'-(4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)

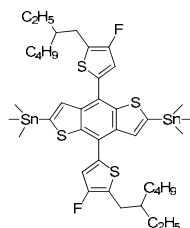
CAT# IN1770



CAS# [1883460-37-4]
Formula C₄₆H₆₄B₂O₂S₄
FW 830.88

(4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)-4-fluorothiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

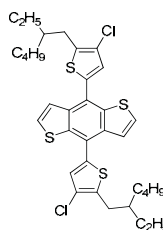
CAT# IN1771



CAS# [1514905-25-9]
Formula C₄₀H₅₆F₂S₄Sn₂
FW 940.55

4,8-Bis(4-chloro-5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

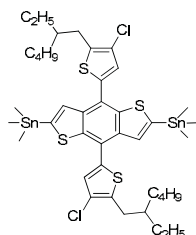
CAT# IN1766



CAS# /
Formula C₃₄H₄₀Cl₂S₄
FW 647.85

(4,8-Bis(4-chloro-5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

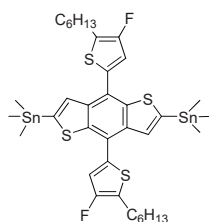
CAT# IN1776



CAS# [2239295-69-1]
Formula C₄₀H₅₆Cl₂S₄Sn₂
FW 974.07

(4,8-Bis(4-fluoro-5-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

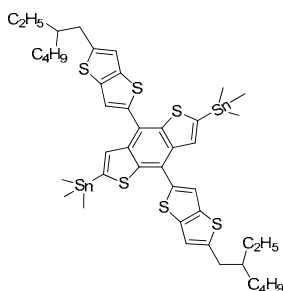
CAT# IN1778



CAS# /
Formula C₃₆H₄₈F₂S₄Sn₂
FW 884.44

4,8-Bis(5-(2-ethylhexyl)thieno[3,2-b]thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

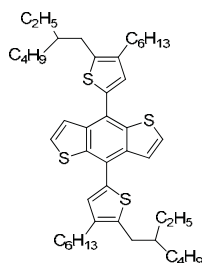
CAT# IN1792



CAS# [1444200-40-1]
Formula $C_{44}H_{58}S_6Sn_2$
FW 1016.74

4,8-Bis(5-(2-ethylhexyl)-4-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

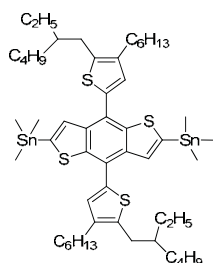
CAT# IN1773



CAS#
Formula $C_{46}H_{66}S_4$
FW 747.28

(4,8-Bis(5-(2-ethylhexyl)-4-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

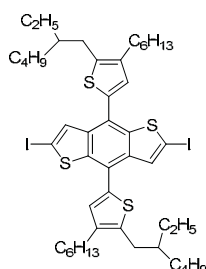
CAT# IN1774



CAS#
Formula $C_{52}H_{82}S_4Sn_2$
FW 1072.89

4,8-Bis(5-(2-ethylhexyl)-4-hexylthiophen-2-yl)-2,6-diiodobenzo[1,2-b:4,5-b']dithiophene

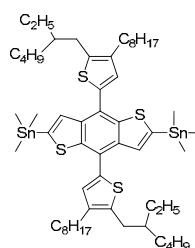
CAT# IN1775



CAS#
Formula $C_{46}H_{64}I_2S_4$
FW 999.07

(4,8-Bis(5-(2-ethylhexyl)-4-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

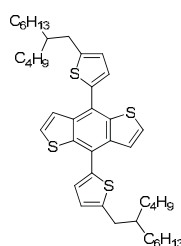
CAT# IN1777



CAS#
Formula $C_{56}H_{90}S_4Sn_2$
FW 1128.99

4,8-Bis(5-(2-butyloctyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

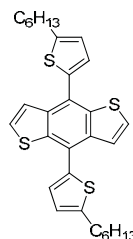
CAT# IN1165



CAS# [1443120-32-8]
Formula $C_{42}H_{58}S_4$
FW 691.17

4,8-Bis(5-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

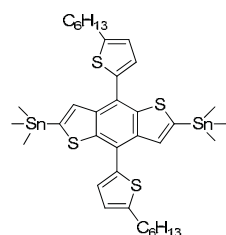
CAT# IN1763



CAS# [1431705-25-7]
Formula $C_{30}H_{34}S_4$
FW 522.85

(4,8-Bis(5-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

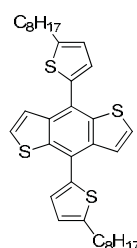
CAT# IN1765



CAS# [1403984-36-0]
Formula $C_{36}H_{50}S_4Sn_2$
FW 848.46

4,8-Bis(5-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

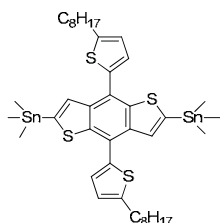
CAT# IN1768



CAS# [1448877-07-3]
Formula $C_{34}H_{42}S_4$
FW 578.96

(4,8-Bis(5-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

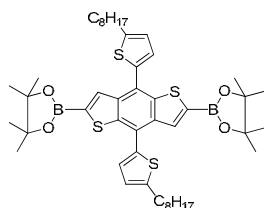
CAT# IN1168



CAS#
Formula $C_{40}H_{58}S_4Sn_2$
FW 904.50

2,2'-(4,8-Bis(5-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)

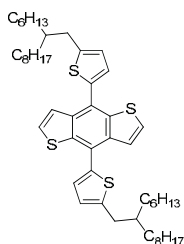
CAT# IN1167



CAS#
Formula $C_{46}H_{64}B_2O_4S_4$
FW 830.88

4,8-Bis(5-(2-hexyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

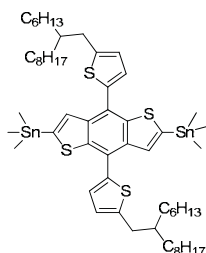
CAT# IN1174



CAS#
Formula $C_{60}H_{74}S_4$
FW 803.38

(4,8-Bis(5-(2-hexyldecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

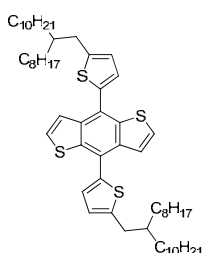
CAT# IN1414



CAS# [1373834-87-7]
Formula $C_{66}H_{90}S_4Sn_2$
FW 1128.99

4,8-Bis(5-(2-octyldodecyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

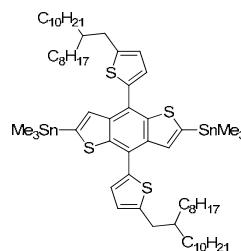
CAT# IN1173



CAS#
Formula $C_{58}H_{90}S_4$
FW 915.60

(4,8-Bis(2-(5-(2-octyldodecyl))thiophen)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

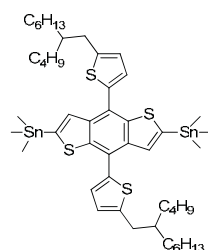
CAT# IN1175



CAS#
Formula $C_{64}H_{106}S_4Sn_2$
FW 1241.21

(4,8-Bis(5-(2-butyloctyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

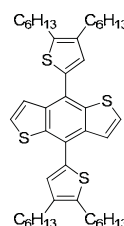
CAT# IN1176



CAS# [1402460-13-2]
Formula $C_{48}H_{74}S_4Sn_2$
FW 1016.78

4,8-Bis(4,5-dihexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

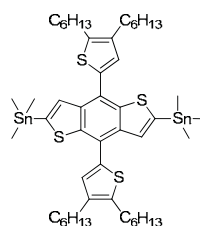
CAT# IN1181



CAS#
Formula $C_{42}H_{58}S_4$
FW 691.17

(4,8-Bis(4,5-dihexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

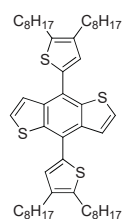
CAT# IN1180



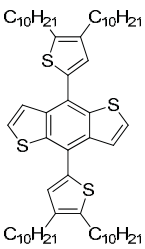
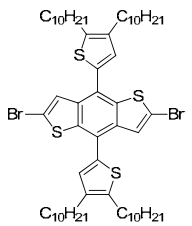
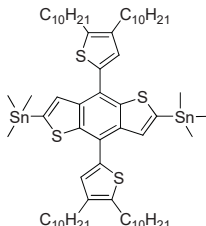
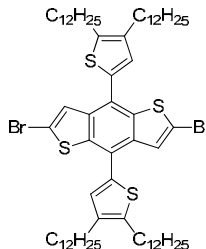
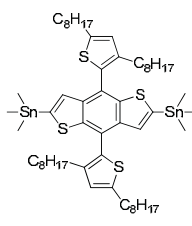
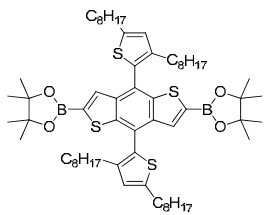
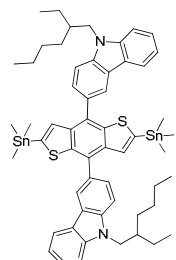
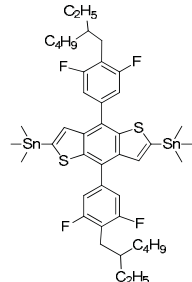
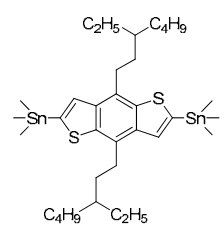
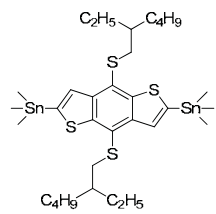
CAS# [1402460-16-5]
Formula $C_{48}H_{74}S_4Sn_2$
FW 1016.78

4,8-Bis(4,5-dioctylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

CAT# IN1188

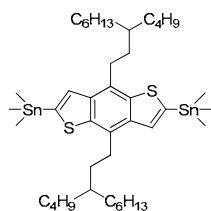


CAS#
Formula $C_{50}H_{74}S_4$
FW 803.38

4,8-Bis(4,5-didecylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1178	 CAS# Formula $C_{58}H_{90}S_4$ FW 915.60
2,6-Dibromo-4,8-bis(4,5-didecylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1169	 CAS# Formula $C_{58}H_{88}Br_2S_4$ FW 1073.39
(4,8-Bis(2-(4,5-didecyl)thiophene)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1179	 CAS# [1307899-54-2] Formula $C_{64}H_{106}S_4Sn_2$ FW 1241.21
2,6-Dibromo-4,8-bis(4,5-didodecylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene CAT# IN1184	 CAS# [1905397-56-9] Formula $C_{66}H_{104}Br_2S_4$ FW 1185.60
(4,8-Bis(2-(3,5-dioctyl)thiophene)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1182	 CAS# Formula $C_{66}H_{90}S_4Sn_2$ FW 1128.99
2,6-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-(4,8-bis(2-(3,5-dioctyl)thiophene)benzo[1,2-b:4,5-b']dithiophene CAT# IN1185	 CAS# [1221254-05-2] Formula $C_{62}H_{96}B_2O_4S_4$ FW 1055.31
9-(2-Ethylhexyl)-3-(8-(1-(2-ethylhexyl)-2-methyl-3-vinyl-1H-indol-5-yl)-2,6-bis(trimethylstannyl)benzo[1,2-b:4,5-b']dithiophen-4-yl)-9H-carbazole CAT# IN1760	 CAS# Formula $C_{55}H_{70}N_2S_2Sn_2$ FW 1060.71
(4,8-Bis(4-(2-ethylhexyl)-3,5-difluorophenyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1767	 CAS# / Formula $C_{44}H_{58}F_4S_2Sn_2$ FW 964.47
(4,8-Bis(3-ethylheptyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1190	 CAS# Formula $C_{34}H_{56}S_2Sn_2$ FW 768.37
(4,8-Bis((2-ethylhexyl)thio)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1191	 CAS# Formula $C_{32}H_{54}S_4Sn_2$ FW 804.45

(4,8-Bis(3-butylonyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

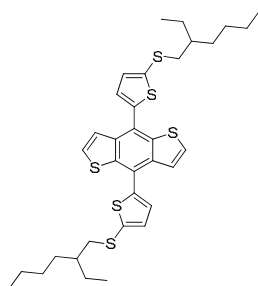
CAT# IN1192



CAS#
Formula C₄₂H₇₄S₂Sn₂
FW 880.59

4,8-Bis(5-((2-ethylhexyl)thio)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

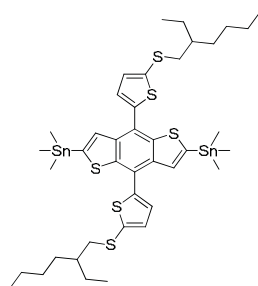
CAT# IN1714



CAS# /
Formula C₃₄H₄₂S₆
FW 643.09

(4,8-Bis(5-((2-ethylhexyl)thio)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

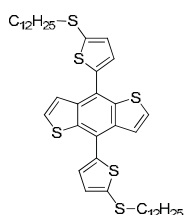
CAT# IN1704



CAS# [1613389-30-2]
Formula C₄₀H₅₈S₆Sn₂
FW 968.70

4,8-Bis(5-(dodecylthio)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

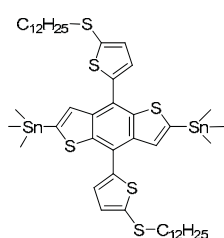
CAT# IN1703



CAS# [1620482-25-8]
Formula C₄₂H₅₈S₆
FW 755.30

(4,8-Bis(5-(dodecylthio)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane)

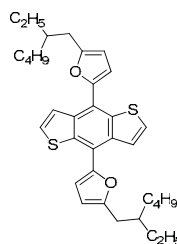
CAT# IN1705



CAS# [1887135-97-8]
Formula C₄₈H₇₄S₆Sn₂
FW 1080.91

4,8-Bis(5-(2-ethylhexyl)furan-2-yl)benzo[1,2-b:4,5-b']dithiophene

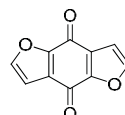
CAT# IN1177



CAS#
Formula C₃₄H₄₂O₂S₂
FW 546.83

Benzofuro[5,6-b]furan-4,8-dione

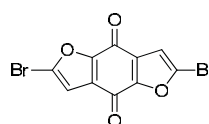
CAT# OC1130



CAS# [267220-47-3]
Formula C₁₀H₄O₄
FW 188.14

2,6-Dibromobenzo[1,2-b:4,5-b']difuran-4,8-dione

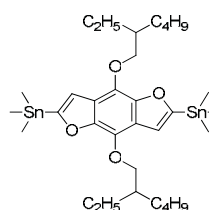
CAT# OC1131



CAS# [185350-30-5]
Formula C₁₀H₂Br₂O₄
FW 345.93

(4,8-Bis-(2-ethylhexyloxy)-2,6-bis(trimethylstannanyl)benzo[1,2-b:4,5-b']difuran)

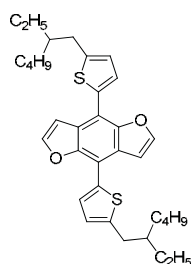
CAT# IN1530



CAS# [1352743-87-3]
Formula C₃₂H₅₄O₄Sn₂
FW 740.19

4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']difuran

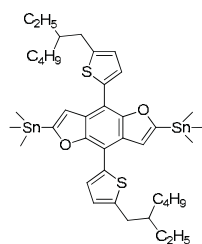
CAT# IN1532



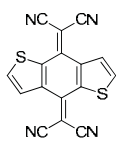
CAS# [1391764-82-1]
Formula C₃₄H₄₂O₂S₂
FW 546.83

(4,8-Bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']difuran-2,6-diyl)bis(trimethylstannane)

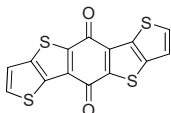
CAT# IN1534



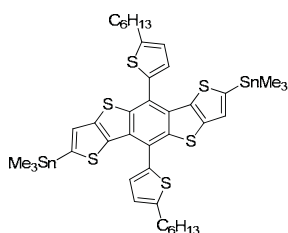
CAS# [1391764-83-2]
Formula C₄₀H₅₈O₂S₂Sn₂
FW 872.44

2,2'-(Benzo[1,2-b:4,5-b']dithiophene-4,8-diylidene)dimalononitrile
CAT# OC1142


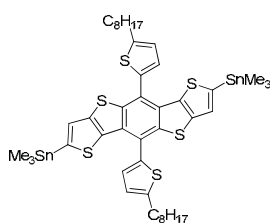
CAS# [109573-90-2]
 Formula C₁₆H₄N₄S₂
 FW 316.36

Dithieno[2,3-d:2',3'-d']benzo[1,2-b:4,5-b']dithiophene-5,10-dione
CAT# OC1916


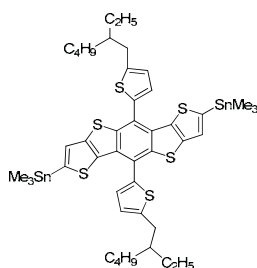
CAS# [1446476-79-4]
 Formula C₁₄H₄O₂S₄
 FW 332.44

2,7-Bis(trimethylstannyl)-5,10-bis(4-hexylthiophen-2-yl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene
CAT# IN1904


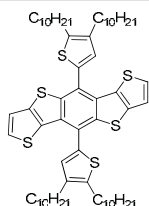
CAS# /
 Formula C₄₀H₅₀Sn₂
 FW 960.63

2,7-Bis(trimethylstannyl)-5,10-bis(4-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene
CAT# IN1906


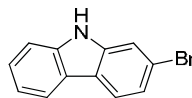
CAS# /
 Formula C₄₄H₅₈Sn₂
 FW 1016.74

2,7-Bis(trimethylstannyl)-5,10-bis(2-ethylhexylthienyl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene
CAT# IN1907


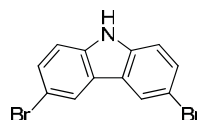
CAS# /
 Formula C₄₄H₅₈Sn₂
 FW 1016.74

5,10-Bis(4,5-didecylthiophen-2-yl)benzo[1,2-b:4,5-b']dithieno[3,2-b]thiophene
CAT# IN1908


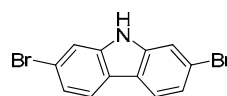
CAS# [1467663-05-3]
 Formula C₆₂H₉₀S₆
 FW 1027.77

Monomer-Carbazole (Cz) Series
2-Bromocarbazole
CAT# OC1090


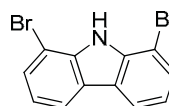
CAS# [3652-90-2]
 Formula C₁₂H₈BrN
 FW 246.10

3,6-Dibromo-9H-carbazole
CAT# IN1001


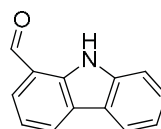
CAS# [6825-20-3]
 Formula C₁₂H₇Br₂N
 FW 325.00

2,7-Dibromo-9H-carbazole
CAT# IN1003


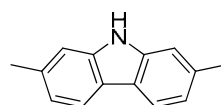
CAS# [136630-39-2]
 Formula C₁₂H₇Br₂N
 FW 325.00

1,8-Dibromo-9H-carbazole
CAT# IN1263


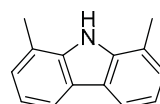
CAS# [553663-65-3]
 Formula C₁₂H₇Br₂N
 FW 325.00

9H-carbazole-1-carbaldehyde
CAT# IN1288


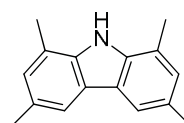
CAS# [1903-94-2]
 Formula C₁₃H₉NO
 FW 195.22

2,7-Dimethyl-9H-carbazole
CAT# IN1258


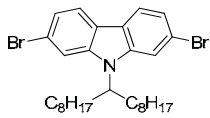
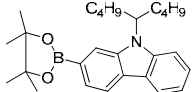
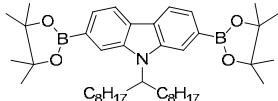
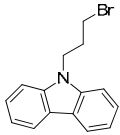
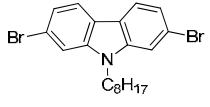
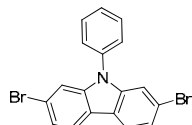
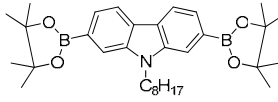
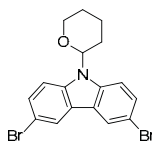
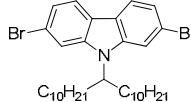
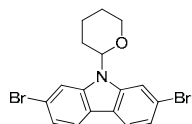
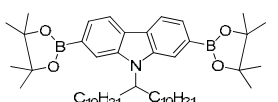
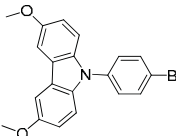
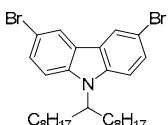
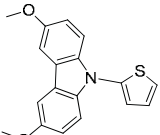
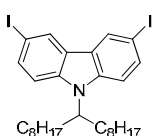
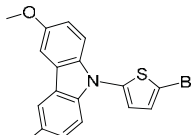
CAS# [18992-65-9]
 Formula C₁₄H₁₃N
 FW 195.26

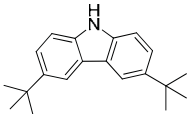
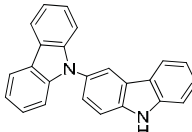
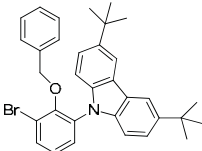
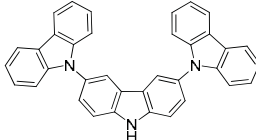
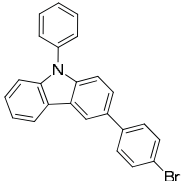
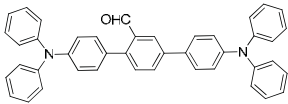
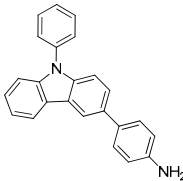
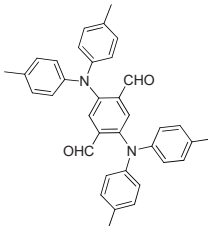
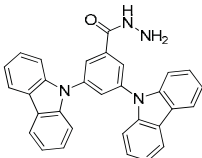
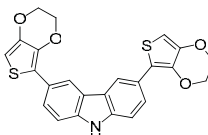
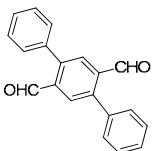
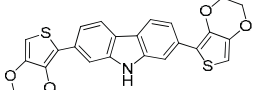
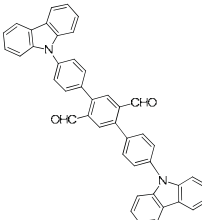
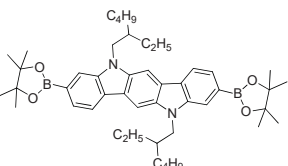
1,8-Dimethyl-9H-carbazole
CAT# IN1557


CAS# [6558-83-4]
 Formula C₁₄H₁₃N
 FW 195.26

1,3,6,8-Tetramethyl-9H-carbazole
CAT# IN1558


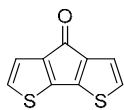
CAS# [6558-85-6]
 Formula C₁₆H₁₇N
 FW 223.31

2,7-Dibromo-9-(1-octylnonyl)-9H-carbazole CAT# IN1008	9-(Nonan-5-yl)-2-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole CAT# IN1820
 CAS# [955964-73-5] Formula C₂₉H₄₁Br₂N FW 563.45	 CAS# Formula C₂₇H₃₈BNO₂ FW 419.41
9-(Heptadecan-9-yl)-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole CAT# IN1009	9-(3-Bromopropyl)-9H-carbazole CAT# IN1840
 CAS# [958261-51-3] Formula C₄₁H₆₅B₂NO₄ FW 657.58	 CAS# [84359-61-5] Formula C₁₅H₁₄BrN FW 288.18
2,7-Dibromo-9-octyl-9H-carbazole CAT# IN1029	2,7-Dibromo-9-phenyl-9H-carbazole CAT# IN1259
 CAS# [726169-75-1] Formula C₂₀H₂₃Br₂N FW 437.21	 CAS# [444796-09-2] Formula C₁₈H₁₁Br₂N FW 401.09
9-Octyl-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole CAT# IN1048	3,6-Dibromo-9-(tetrahydro-2H-pyran-2-yl)-9H-carbazole CAT# IN1002
 CAS# [406726-92-9] Formula C₃₂H₄₇B₂NO₄ FW 531.34	 CAS# Formula C₁₇H₁₅Br₂NO FW 409.12
(4,8-Bis(5-octylthiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)bis(trimethylstannane) CAT# IN1128	2,7-Dibromo-9-(tetrahydro-2H-pyran-2-yl)-9H-carbazole CAT# IN1004
 CAS# Formula C₃₃H₄₈B₂N FW 619.56	 CAS# Formula C₁₇H₁₅Br₂NO FW 409.12
9-(Henicosan-11-yl)-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole CAT# IN1129	9-(4-Bromophenyl)-3,6-dimethoxy-9H-carbazole CAT# OC1067
 CAS# [1185885-88-4] Formula C₄₅H₇₃B₂NO₄ FW 713.69	 CAS# Formula C₂₀H₁₆BrNO₂ FW 382.25
3,6-Dibromo-9-(heptadecan-9-yl)-9H-carbazole CAT# IN1138	3,6-Dimethoxy-9-(thiophen-2-yl)-9H-carbazole CAT# OC1049
 CAS# [1268491-06-0] Formula C₂₉H₄₁Br₂N FW 563.45	 CAS# Formula C₁₈H₁₅NO₂S FW 309.38
9-(Heptadecan-9-yl)-3,6-diiodo-9H-carbazole CAT# IN1139	9-(5-Bromothiophen-2-yl)-3,6-dimethoxy-9H-carbazole CAT# OC1069
 CAS# Formula C₂₉H₄₁I₂N FW 657.45	 CAS# Formula C₁₈H₁₄BrNO₂S FW 388.28

3,6-Di-<i>tert</i>-butyl-9H-carbazole CAT# OC1065	3-(9H-carbazole-9-yl)-9H-carbazole CAT# OC1062
 CAS# [37500-95-1] Formula C₂₀H₂₆N FW 279.42	 CAS# [18628-07-4] Formula C₂₄H₁₆N₂ FW 332.40
9-(2-(Benzyloxy)-3-bromophenyl)-3,6-di-<i>tert</i>-butyl-9H-carbazole CAT# OC1068	9'<i>H</i>-9,3':6',9''-tercarbazole CAT# OC1072
 CAS# Formula C₃₃H₃₄BrNO FW 540.53	 CAS# [606129-90-2] Formula C₃₆H₂₃N₃ FW 497.59
3-(4-Bromophenyl)-9-phenyl-9H-carbazole CAT# OC1058	4,4''-Bis(diphenylamino)-[1,1':4',1''-terphenyl]-2'-carbaldehyde CAT# OC1063
 CAS# [1028647-93-9] Formula C₂₄H₁₆BrN FW 398.29	 CAS# Formula C₄₃H₃₂N₂O FW 592.73
4-(9-Phenyl-9,9a-dihydro-4aH-carbazol-6-yl)aniline CAT# OC1059	2,5-Bis(di-<i>p</i>-tolylamino)terephthalaldehyde CAT# OC1064
 CAS# Formula C₂₄H₂₀N₂ FW 336.43	 CAS# Formula C₃₆H₃₂N₂O₂ FW 524.65
3,5-Dicarbazol-9-ylbenzhydrazide CAT# OC1060	3,6-Bis(2,3-dihydrothieno[3,4-<i>b</i>][1,4]dioxin-5-yl)-9H-carbazole CAT# IN1456
 CAS# Formula C₃₁H₂₂N₄O FW 466.53	 CAS# Formula C₂₄H₁₇NO₄S₂ FW 447.53
[1,1':4',1''-Terphenyl]-2',5'-dicarbaldehyde CAT# OC1066	2,7-Bis(2,3-dihydrothieno[3,4-<i>b</i>][1,4]dioxin-5-yl)-9H-carbazole CAT# IN1526
 CAS# [144836-60-2] Formula C₂₀H₁₄O₂ FW 286.32	 CAS# / Formula C₂₄H₁₇NO₄S₂ FW 447.53
4,4''-Di(9H-carbazol-9-yl)-[1,1':4',1''-terphenyl]-2',5'-dicarbaldehyde CAT# OC1061	5,11-Bis(2-ethylhexyl)-3,9-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-5,11-dihydroindolo[3,2-<i>b</i>]carbazole CAT# IN1458
 CAS# Formula C₄₄H₂₈N₂O₂ FW 616.71	 CAS# Formula C₄₆H₆₆B₂N₂O₄ FW 732.65

Monomer-CPP Series**4H-Cyclopenta[2,1-b:3,4-b']dithiophene-4-one**

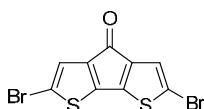
CAT# OC1015



CAS# [25796-77-4]
Formula C₈H₄OS₂
FW 192.26

2,6-Dibromo-4H-cyclopenta[1,2-b:5,4-b']dithiophene-4-one

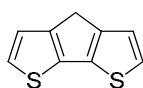
CAT# OC1115



CAS# [636588-79-9]
Formula C₈H₂Br₂OS₂
FW 350.05

4H-Cyclopenta[2,1-b:3,4-b']dithiophene

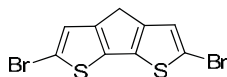
CAT# OC1017



CAS# [389-58-2]
Formula C₈H₆S₂
FW 178.27

2,6-Dibromo-3,4-dithia-7H-cyclopenta[a]pentalene

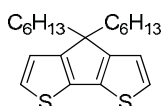
CAT# IN1011



CAS# [258527-25-2]
Formula C₉H₄Br₂S₂
FW 336.07

4,4-Dihexyl-4H-cyclopenta[2,1-b:3,4-b']dithiophene

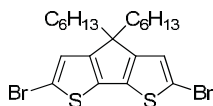
CAT# IN1250



CAS# [153312-86-8]
Formula C₂₁H₃₀S₂
FW 346.59

2,6-Dibromo-4,4-dihexyl-4H-cyclopenta[2,1-b:3,4-b']dithiophene

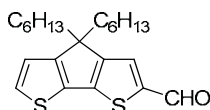
CAT# IN1252



CAS# [528570-55-0]
Formula C₂₁H₂₈Br₂S₂
FW 504.39

4,4-Dihexyl-4H-cyclopenta[1,2-b:5,4-b']dithiophene-2-carbaldehyde

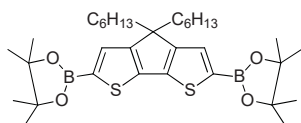
CAT# IN1270



CAS#
Formula C₂₂H₃₀OS₂
FW 374.60

2,2'-(4,4-Dihexyl-4H-cyclopenta[1,2-b:5,4-b']dithiophene-2,6-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)

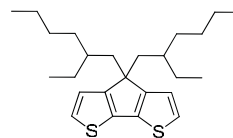
CAT# IN1870



CAS# [1220888-44-7]
Formula C₃₃H₅₂B₂O₄S₂
FW 598.52

4,4-Bis(2-ethylhexyl)-4H-cyclopenta[1,2-b:5,4-b'] dithiophene

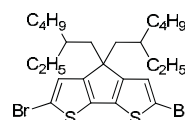
CAT# IN1060



CAS# [365547-20-2]
Formula C₂₅H₃₈S₂
FW 402.70

2,6-Dibromo-4,4-bis(2-ethylhexyl)-4H-cyclopenta[2,1-b:3,4-b'] dithiophene

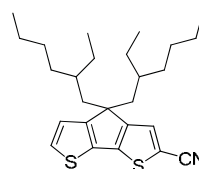
CAT# IN1010



CAS# [365547-21-3]
Formula C₂₅H₃₆Br₂S₂
FW 560.49

4,4-Bis(2-ethylhexyl)-4H-cyclopenta[1,2-b:5,4-b']dithiophene-2-carbo nitrile

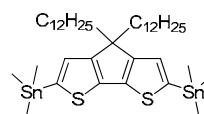
CAT# IN1660



CAS# [1623819-67-9]
Formula C₂₆H₃₇NS₂
FW 427.71

2,6-Bis(trimethyltin)-4,4-bis(2-dodecylbenzo)-4H-cyclopenta[2,1-b:3,4-b']dithiophene

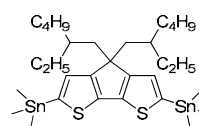
CAT# IN1240



CAS# [1201921-81-4]
Formula C₃₉H₇₀S₂Sn₂
FW 840.52

2,6-Bis(trimethyltin)-4,4-bis(2-ethylhexyl)-4H-cyclopenta[2,1-b:3,4-b'] dithiophene

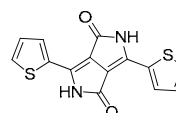
CAT# IN1242



CAS# [920504-00-3]
Formula C₃₁H₅₄S₂Sn₂
FW 728.31

Monomer-DPP Series**3,6-Di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4-dione**

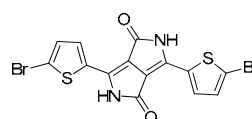
CAT# IN1323



CAS# [850583-75-4]
Formula C₁₄H₈N₂O₂S₂
FW 300.36

3,6-Bis(5-bromothiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

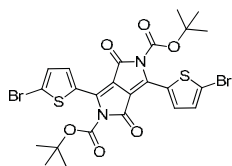
CAT# IN1322



CAS# [777079-55-7]
Formula C₁₄H₆Br₂N₂O₂S₂
FW 458.15

Di-tert-butyl 3,6-bis(5-bromothiophen-2-yl)-1,4-dioxopyrrolo[3,4-c]pyrrole-2,5(1*H*,4*H*)-dicarboxylate

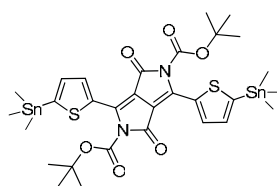
CAT# IN1325



CAS# [1046864-84-9]
Formula $C_{24}H_{22}Br_2N_2O_6S_2$
FW 658.38

Di-tert-butyl 1,4-dioxo-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-2,5(1*H*,4*H*)-dicarboxylate

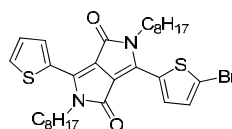
CAT# IN1545



CAS#
Formula $C_{30}H_{40}N_2O_6S_2Sn_2$
FW 826.20

3-(5-Bromothiophen-2-yl)-2,5-dioctyl-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2*H*,5*H*)-dione

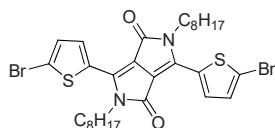
CAT# IN1321



CAS# [1335015-92-3]
Formula $C_{30}H_{38}BrN_2O_2S_2$
FW 603.68

3,6-Bis(5-bromothiophen-2-yl)-2,5-dioctylpyrrolo[3,4-c]pyrrole-1,4-dione

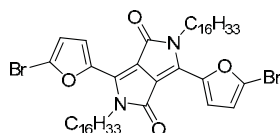
CAT# IN1326



CAS# [1057401-13-4]
Formula $C_{30}H_{38}Br_2N_2O_2S_2$
FW 682.57

3,6-Bis(5-bromofuran-2-yl)-2,5-dihexadecylpyrrolo[3,4-c]pyrrole-1,4(2*H*,5*H*)-dione

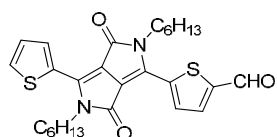
CAT# IN1338



CAS#
Formula $C_{46}H_{70}Br_2N_2O_4$
FW 874.87

5-(2,5-Dihexyl-3,6-dioxo-4-(thiophen-2-yl)-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde

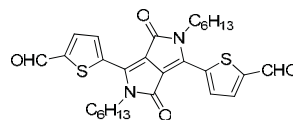
CAT# IN1356



CAS#
Formula $C_{27}H_{32}N_2O_3S_2$
FW 496.68

5,5'-(2,5-Dihexyl-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)bis(thiophene-2-carbaldehyde)

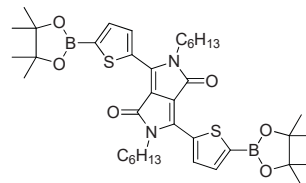
CAT# IN1339



CAS#
Formula $C_{28}H_{32}N_2O_4S_2$
FW 524.69

2,5-Dihexyl-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2*H*,5*H*)-dione

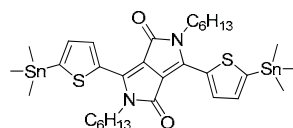
CAT# IN1389



CAS# /
Formula $C_{38}H_{54}B_2N_2O_6S_2$
FW 720.60

2,5-Dihexyl-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2*H*,5*H*)-dione

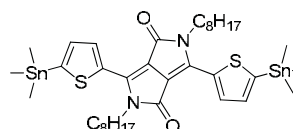
CAT# IN1589



CAS# /
Formula $C_{32}H_{48}N_2O_2S_2Sn_2$
FW 794.29

2,5-Dioctyl-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2*H*,5*H*)-dione

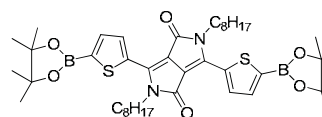
CAT# IN1346



CAS# [1613705-06-8]
Formula $C_{36}H_{56}N_2O_2S_2Sn_2$
FW 850.39

2,5-Dioctyl-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2*H*,5*H*)-dione

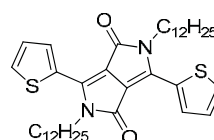
CAT# IN1347



CAS#
Formula $C_{42}H_{62}N_2B_2O_6S_2$
FW 776.70

2,5-Didodecyl-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2*H*,5*H*)-dione

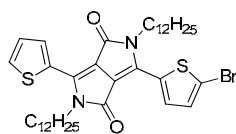
CAT# IN1355



CAS#
Formula $C_{38}H_{56}N_2O_2S_2$
FW 636.99

3-(5-Bromothiophen-2-yl)-2,5-didodecyl-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

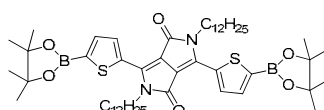
CAT# IN1395



CAS#
Formula $C_{38}H_{55}BrN_2O_2S_2$
FW 715.89

2,5-Didodecyl-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

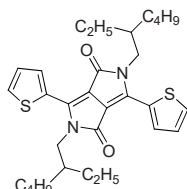
CAT# IN1357



CAS#
Formula $C_{50}H_{78}B_2N_2O_6S_2$
FW 888.92

2,5-Bis(2-ethylhexyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

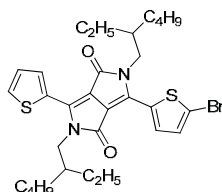
CAT# IN1320



CAS# [1185885-86-2]
Formula $C_{30}H_{40}N_2O_2S_2$
FW 524.78

3-(5-Bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

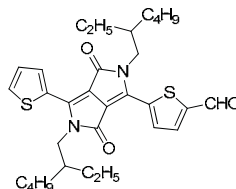
CT# IN1340



CAS# [1308671-90-0]
Formula $C_{30}H_{38}BrN_2O_2S_2$
FW 603.68

5-(2,5-Bis(2-ethylhexyl)-3,6-dioxo-4-(thiophen-2-yl)-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde

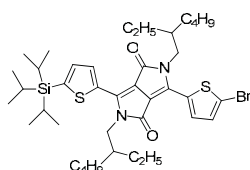
CAT# IN1344



CAS#
Formula $C_{31}H_{40}N_2O_3S_2$
FW 552.79

3-(5-Bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)-6-(5-(triisopropylsilyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

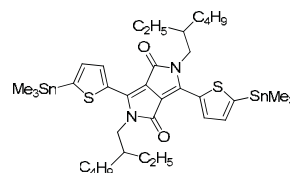
CAT# IN1390



CAS#
Formula $C_{39}H_{59}BrN_2O_2S_2Si$
FW 760.02

2,5-Bis(2-ethylhexyl)-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

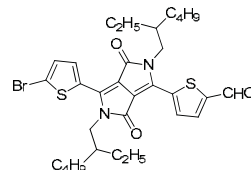
CAT# IN1391



CAS# [1392422-47-7]
Formula $C_{36}H_{56}N_2O_2S_2Sn_2$
FW 850.39

5-(4-(5-Bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde

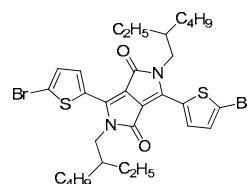
CAT# IN1384



CAS#
Formula $C_{31}H_{38}BrN_2O_3S_2$
FW 631.69

3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-ethylhexyl)pyrrolo[3,4-c]pyrrole-1,4-dione

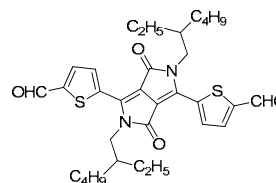
CAT# IN1327



CAS# [1000623-95-9]
Formula $C_{30}H_{38}Br_2N_2O_2S_2$
FW 682.57

5,5'-(2,5-Bis(2-ethylhexyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1,4-diyl)bis(thiophene-2-carbaldehyde)

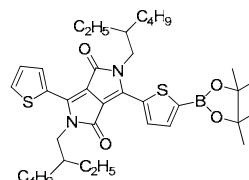
CAT# IN1343



CAS#
Formula $C_{32}H_{40}N_2O_4S_2$
FW 580.80

2,5-Bis(2-ethylhexyl)-3-(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

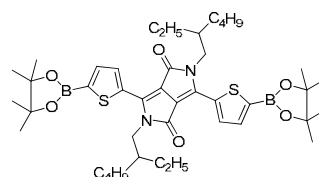
CAT# IN1334



CAS#
Formula $C_{38}H_{51}BN_2O_4S_2$
FW 650.74

2,5-Bis(2-ethylhexyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

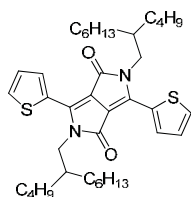
CAT# IN1335



CAS# [1269004-46-7]
Formula $C_{42}H_{62}B_2N_2O_6S_2$
FW 776.70

2,5-Bis(2-butyloctyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

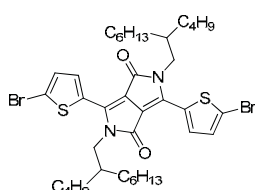
CAT# IN1328



CAS# [1354631-87-0]
Formula C₃₈H₅₆N₂O₂S₂
FW 636.99

3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-butyloctyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

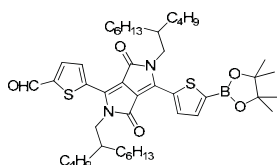
CAT# IN1329



CAS# [1224709-68-5]
Formula C₃₈H₅₄Br₂N₂O₂S₂
FW 794.79

5-(2,5-bis(2-butyloctyl)-3,6-dioxo-4-(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde

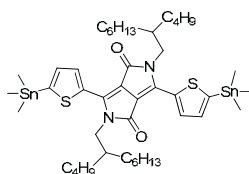
CAT# IN1376



CAS# [1044598-80-2]
Formula C₄₅H₆₇BN₂O₅S₂
FW 790.96

2,5-Bis(2-butyloctyl)-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

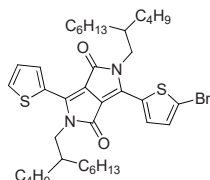
CAT# IN1345



CAS# [2102299-80-7]
Formula C₄₄H₇₂N₂O₂S₂Sn₂
FW 962.60

3-(5-Bromothiophen-2-yl)-2,5-bis(2-butyloctyl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

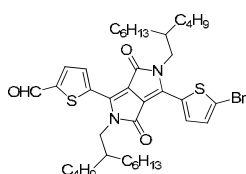
CAT# IN1336



CAS# [1454609-37-0]
Formula C₃₈H₅₅BrN₂O₂S₂
FW 715.89

5-(4-(5-Bromothiophen-2-yl)-2,5-bis(2-butyloctyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrol-1-yl)thiophene-2-carbaldehyde

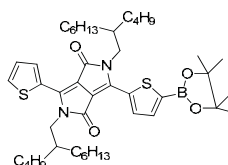
CAT# IN1396



CAS# [1267540-02-2]
Formula C₃₉H₅₅BrN₂O₃S₂
FW 743.90

2,5-Bis(2-butyloctyl)-3-(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

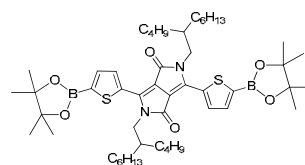
CAT# IN1374



CAS# [1224430-81-2]
Formula C₄₄H₆₇BN₂O₄S₂
FW 762.95

2,5-Bis(2-butyloctyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

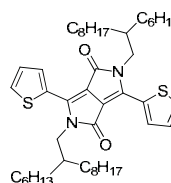
CAT# IN1375



CAS# [1224430-81-2]
Formula C₅₀H₇₈B₂N₂O₆S₂
FW 888.92

2,5-Bis(2-hexyldodecyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

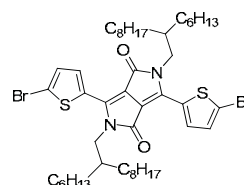
CAT# IN1332



CAS# [1044598-80-2]
Formula C₄₆H₇₂N₂O₂S₂
FW 749.21

3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-hexyldodecyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

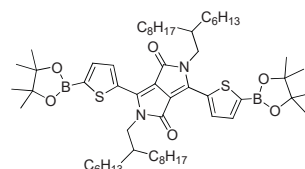
CAT# IN1333



CAS# [1000623-98-2]
Formula C₄₆H₇₀Br₂N₂O₂S₂
FW 907.00

2,5-Bis(2-hexyldodecyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

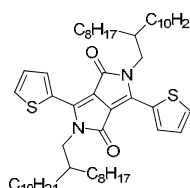
CAT# IN1736



CAS# [1224430-81-2]
Formula C₅₈H₉₄B₂N₂O₆S₂
FW 1001.13

2,5-Bis(2-octyldodecyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

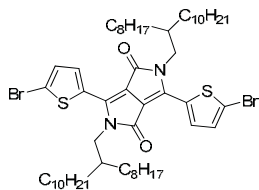
CAT# IN1730



CAS# [1267540-02-2]
Formula C₅₄H₈₆N₂O₂S₂
FW 861.42

3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-octyldodecyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

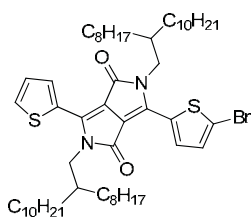
CAT# IN1330



CAS# [1260685-63-9]
Formula $C_{54}H_{86}Br_2N_2O_2S_2$
FW 1019.21

3-(5-Bromothiophen-2-yl)-2,5-bis(2-octyldodecyl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

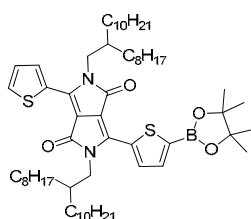
CAT# IN1738



CAS#
Formula $C_{54}H_{87}BrN_2O_2S_2$
FW 940.31

2,5-Bis(2-octyldodecyl)-3-(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)-6-(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

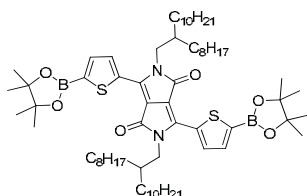
CAT# IN1731



CAS#
Formula $C_{60}H_{99}BN_2O_4S_2$
FW 987.38

2,5-Bis(2-octyldodecyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

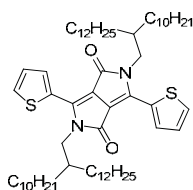
CAT# IN1337



CAS# [1351986-34-9]
Formula $C_{86}H_{110}B_2N_2O_6S_2$
FW 1113.34

2,5-Bis(2-decyltetradecyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

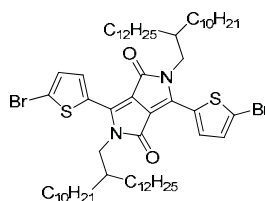
CAT# IN1732



CAS# [1312588-15-0]
Formula $C_{62}H_{104}N_2O_2S_2$
FW 973.63

3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-decyltetradecyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

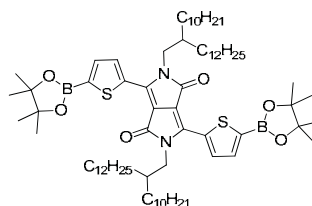
CAT# IN1331



CAS# [1224430-28-7]
Formula $C_{62}H_{102}Br_2N_2O_2S_2$
FW 1131.42

2,5-Bis(2-decyltetradecyl)-3,6-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

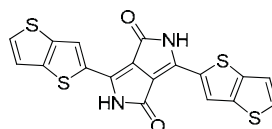
CAT# IN1733



CAS# [1412448-63-5]
Formula $C_{74}H_{126}B_2N_2O_6S_2$
FW 1225.55

3,6-Di(thieno[3,2-b]thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

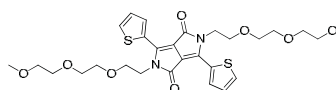
CAT# IN1324



CAS# [1246679-11-7]
Formula $C_{18}H_8N_2O_2S_4$
FW 412.53

2,5-Bis(2-(2-(2-methoxyethoxy)ethoxy)ethyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

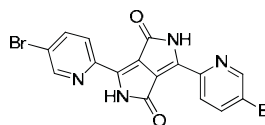
CAT# IN1305



CAS# [1296131-04-8]
Formula $C_{28}H_{36}N_2O_8S_2$
FW 592.72

3,6-Bis(5-bromopyridin-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

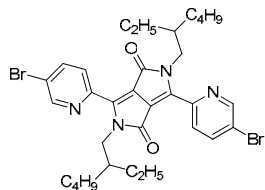
CAT# IN1306



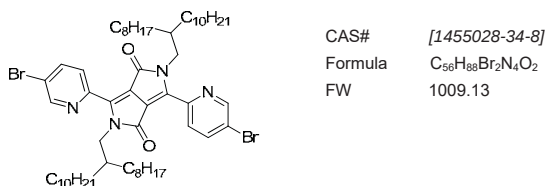
CAS# [777079-50-2]
Formula $C_{16}H_8Br_2N_4O_2$
FW 448.07

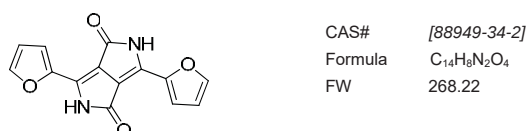
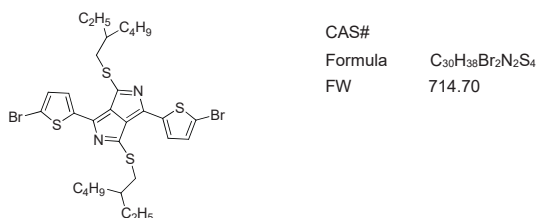
3,6-Bis(5-bromopyridin-2-yl)-2,5-bis(2-ethylhexyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

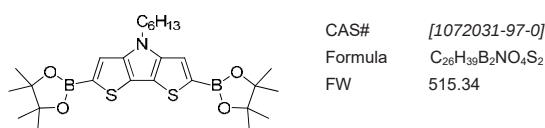
CAT# IN1307

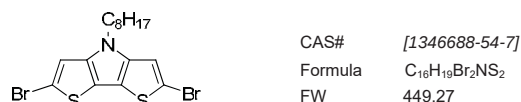
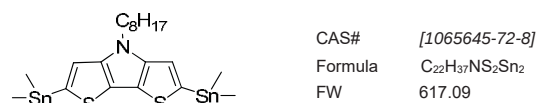
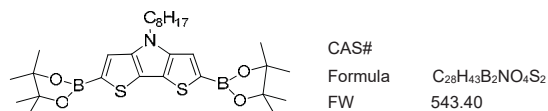
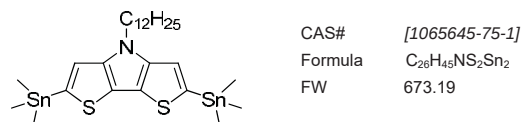


CAS#
Formula $C_{32}H_{40}Br_2N_4O_2$
FW 672.49

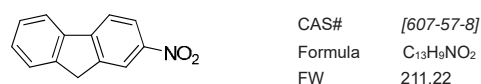
3,6-Bis(5-bromopyridin-2-yl)-2,5-bis(2-octyldodecyl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione
CAT# IN1318

2,5-Bis(10-bromodecyl)-3,6-bis(5-bromothiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione
CAT# IN1309

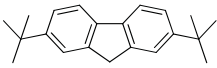
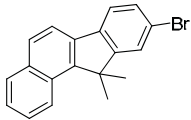
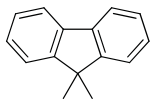
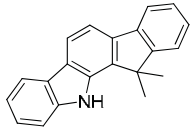
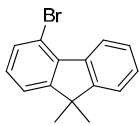
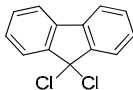
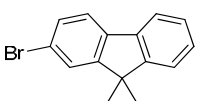
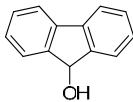
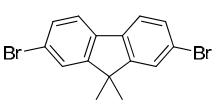
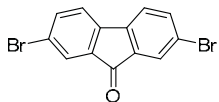
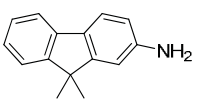
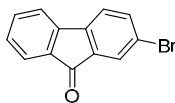
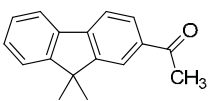
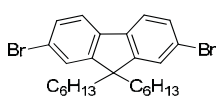
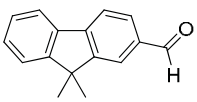
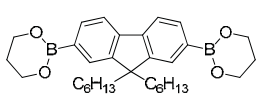
3,6-Di(furan-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione
CAT# IN1800

1,4-Bis(5-bromothiophen-2-yl)-3,6-bis((2-ethylhexyl)thio)pyrrolo[3,4-c]pyrrole
CAT# IN1903

Monomer-DTP Series
4-Hexyl-4H-dithieno[3,2-b:2',3'-d]pyrrole
CAT# IN1871

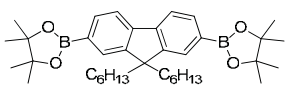
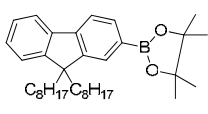
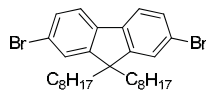
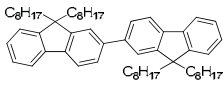
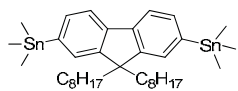
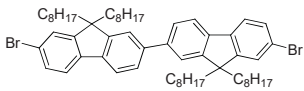
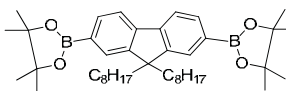
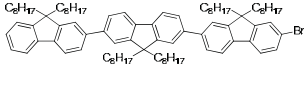
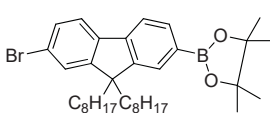
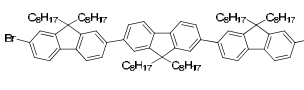
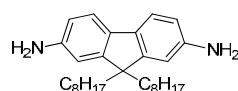
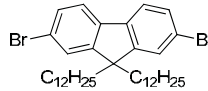
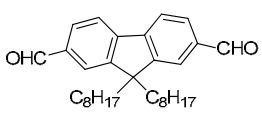
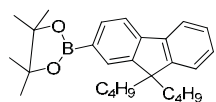
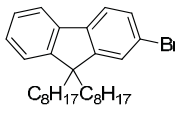
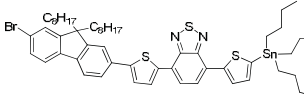
4-hexyl-2,6-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-4H-dithieno[3,2-b:2',3'-d]pyrrole
CAT# IN1872

N-octyl-dithieno[3,2-b:2,3-d]pyrrole
CAT# IN1040

2,6-Dibromo-N-octyl-dithieno[3,2-b:2,3-d]pyrrole
CAT# IN1041

2,6-Bis(trimethyltin)-N-octyl-dithieno[3,2-b:2,3-d]pyrrole
CAT# IN1341

4-Octyl-2,6-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-4H-dithieno[3,2-b:2',3'-d]pyrrole
CAT# IN1342

4-Dodecyl-2,6-bis(trimethylstannyl)-4H-dithieno[3,2-b:2',3'-d]pyrrole
CAT# IN1441

Monomer-Fluorene Series
2-Bromo-9H-fluorene
CAT# IN1224

2,7-Dibromo-9H-fluorene
CAT# IN1225

2-Nitro-9H-fluorene
CAT# IN1229


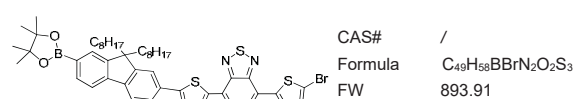
2,7-Di-tert-butyl-9H-fluorene CAT# IN1222	9-Bromo-11,11-dimethyl-11H-benzo[a]fluorene CAT# IN1216
 CAS# [58775-05-6] Formula C₂₁H₂₆ FW 278.43	 CAS# [1198396-29-0] Formula C₁₉H₁₆Br FW 323.23
9,9-Dimethyl-9H-fluorene CAT# IN1241	12,12-Dimethyl-11,12-dihydroindeno[2,1-a]carbazole CAT# IN1295
 CAS# [4569-45-3] Formula C₁₅H₁₄ FW 194.27	 CAS# [1329054-41-2] Formula C₂₁H₁₇N FW 283.37
4-Bromo-9,9-dimethyl-9H-fluorene CAT# IN1218	9,9-Dichloro-9H-fluorene CAT# IN1231
 CAS# [942615-32-9] Formula C₁₅H₁₃Br FW 273.17	 CAS# [25023-01-2] Formula C₁₃H₈Cl₂ FW 235.11
2-Bromo-9,9-dimethyl-9H-fluorene CAT# IN1220	9-Hydroxyfluorene CAT# IN1227
 CAS# [28320-31-2] Formula C₁₅H₁₃Br FW 273.17	 CAS# [1689-64-1] Formula C₁₃H₁₀O FW 182.22
2,7-Dibromo-9,9-dimethyl-9H-fluorene CAT# IN1223	2,7-Dibromo-9H-fluorenone CAT# IN1226
 CAS# [28320-32-3] Formula C₁₅H₁₂Br₂ FW 352.06	 CAS# [14348-75-5] Formula C₁₃H₆Br₂O FW 337.99
9,9-Dimethyl-9H-fluoren-2-amine CAT# IN1230	2-Bromo-9H-fluorenone CAT# IN1228
 CAS# [108714-73-4] Formula C₁₅H₁₅N FW 209.29	 CAS# [3096-56-8] Formula C₁₃H₇BrO FW 259.10
1-(9,9-Dimethyl-9H-fluoren-2-yl)ethanone CAT# IN1290	2,7-Dibromo-9,9-dihexyl-9H-fluorene CAT# IN1219
 CAS# Formula C₁₇H₁₆O FW 236.31	 CAS# [189367-54-2] Formula C₂₅H₃₂Br₂ FW 492.33
9,9-Dimethyl-9H-fluorene-2-carbaldehyde CAT# IN1291	2,2'-(9,9-Dihexyl-9H-fluorene-2,7-diyl)bis(1,3,2-dioxaborinane) CAT# IN1126
 CAS# Formula C₁₆H₁₄O FW 222.28	 CAS# [250597-29-6] Formula C₃₁H₄₄B₂O₄ FW 502.30

2,2'-(9,9-Dihexyl-9H-fluorene-2,7-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# IN1123  CAS# [254755-24-3] Formula $C_{37}H_{56}B_2O_4$ FW 584.46	2-(9,9-Dioctyl-9H-fluoren-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane CAT# IN1912  CAS# [302554-81-0] Formula $C_{35}H_{53}BO_2$ FW 516.61
2,7-Dibromo-9,9-dioctyl-9H-fluorene CAT# IN1221  CAS# [198964-46-4] Formula $C_{29}H_{40}Br_2$ FW 548.44	9,9,9',9'-Tetraoctyl-9H,9'H-2,2'-bifluorene CAT# IN1913  CAS# [302554-79-6] Formula $C_{58}H_{82}$ FW 779.27
(9,9-Dioctyl-9H-fluorene-2,7-diyl)bis(trimethylstannane) CAT# IN1124  CAS# Formula $C_{35}H_{58}Sn_2$ FW 716.26	7,7'-Bibromo-9,9,9',9'-tetraoctyl-9H,9'H-2,2'-bifluorene CAT# IN1915  CAS# [428865-53-6] Formula $C_{58}H_{80}Br_2$ FW 937.06
2,2'-(9,9-dioctyl-9H-fluorene-2,7-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# IN1125  CAS# [196207-58-6] Formula $C_{41}H_{64}B_2O_4$ FW 642.57	7-Bromo-9,9,9',9'',9''-hexaoctyl-9H,9'H,9''H-2,2':7',2''-terfluorene CAT# IN1914  CAS# [409093-95-4] Formula $C_{87}H_{121}Br$ FW 1246.80
2-(7-Bromo-9,9-dioctyl-9H-fluoren-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane CAT# IN1135  CAS# [620624-96-6] Formula $C_{36}H_{52}BBrO_2$ FW 595.50	7,7''-Dibromo-9,9,9',9'',9''-hexaoctyl-9H,9'H,9''H-2,2':7',2''-terfluorene CAT# IN1916  CAS# [646474-54-6] Formula $C_{87}H_{120}Br_2$ FW 1325.69
9,9-Dioctyl-9H-fluorene-2,7-diamine CAT# IN1012  CAS# [851042-10-9] Formula $C_{28}H_{44}N_2$ FW 420.67	2,7-Dibromo-9,9-didodecyl-9H-fluorene CAT# IN1232  CAS# [286438-45-7] Formula $C_{37}H_{58}Br_2$ FW 660.65
9,9-Dioctyl-9H-fluorene-2,7-dicarbaldehyde CAT# IN1909  CAS# [380600-91-9] Formula $C_{31}H_{42}O_2$ FW 446.66	2-(9,9-Dibutyl-9H-fluoren-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane CAT# IN1785  CAS# [785051-52-7] Formula $C_{27}H_{37}BO_2$ FW 404.39
2-Bromo-9,9-dioctyl-9H-fluorene CAT# IN1911  CAS# [302554-80-9] Formula $C_{29}H_{41}Br$ FW 469.54	4-(5-(7-Bromo-9,9-dioctyl-9H-fluoren-2-yl)thiophen-2-yl)-7-(5-(tributylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1575  CAS# [1581696-33-4] Formula $C_{88}H_{73}BrN_2S_3Sn$ FW 1056.99

4-(5-Bromothiophen-2-yl)-7-(5-(9,9-dioctyl-7-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-fluorene-2-yl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole

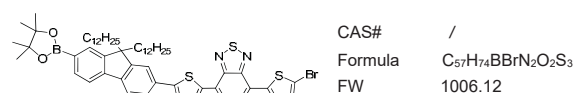
F8TBT

CAT# IN1576



4-(5-Bromothiophen-2-yl)-7-(5-(9,9-didodecyl-7-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-fluorene-2-yl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole

CAT# IN1577



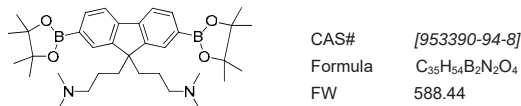
3,3'-(2,7-Dibromo-9H-fluorene-9,9-diyl)bis(N,N-dimethylpropan-1-amine)

CAT# IN1217



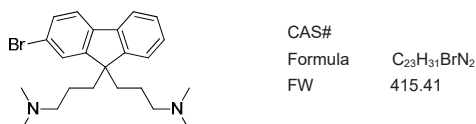
3,3'-(2,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-fluorene-9,9-diyl)bis(N,N-dimethylpropan-1-amine)

CAT# IN1759



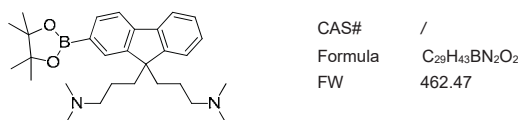
3,3'-(2-Bromo-9H-fluorene-9,9-diyl)bis(N,N-dimethylpropan-1-amine)

CAT# IN1750



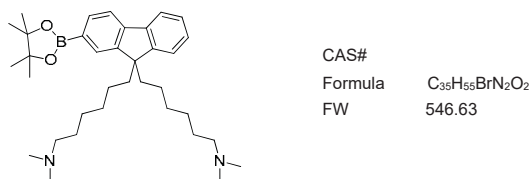
3,3'-(2-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-fluorene-9,9-diyl)bis(N,N-dimethylpropan-1-amine)

CAT# IN1751



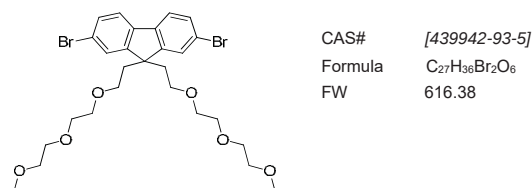
6,6'-(2-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-fluorene-9,9-diyl)bis(N,N-dimethylhexan-1-amine)

CAT# IN1753



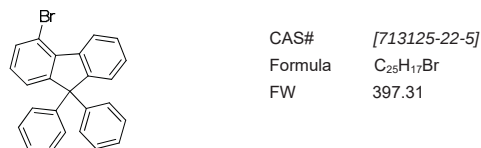
2,7-Dibromo-9,9-bis(2-(2-(2-methoxyethoxy)ethoxy)ethyl)-9H-fluorene

CAT# IN1757



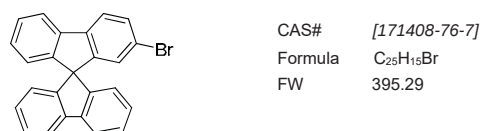
4-Bromo-9,9-diphenyl-9H-fluorene

CAT# IN1233



2-Bromo-9,9'-spirobi[9H-fluorene]

CAT# IN1234



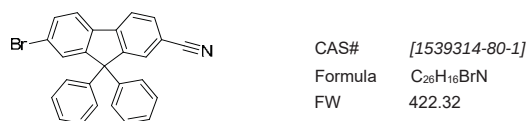
2-Bromo-9,9-diphenyl-9H-fluorene

CAT# IN1235



7-Bromo-9,9-diphenyl-9H-fluorene-2-carbonitrile

CAT# IN1272



2,7-Dibromo-9,9-diphenyl-9H-fluorene

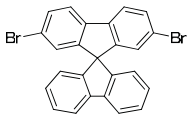
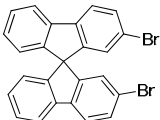
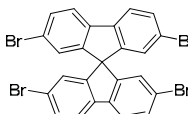
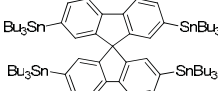
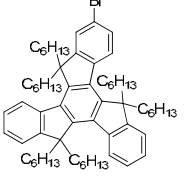
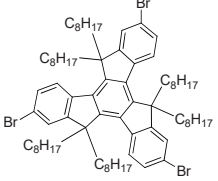
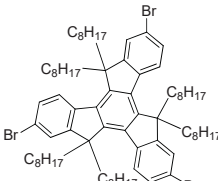
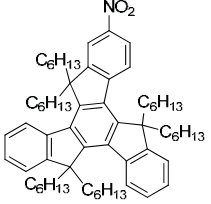
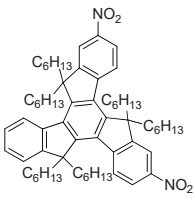
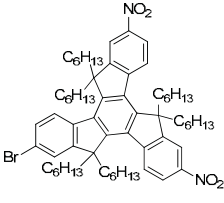
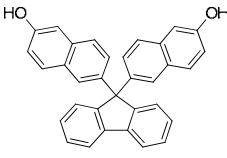
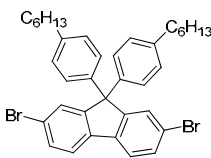
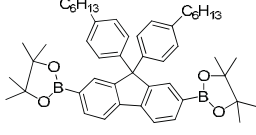
CAT# IN1236



9,9-Bis(3-bromophenyl)-9H-fluorene

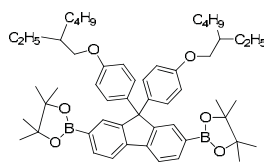
CAT# IN1278



2,7-Dibromo-9,9'-spirobifluorene CAT# IN1237	 CAS# [171408-84-7] Formula C₂₅H₁₄Br₂ FW 474.19
2,2'-Dibromo-9,9'-spirobi[9H-fluorene] CAT# IN1238	 CAS# [67665-47-8] Formula C₂₆H₁₄Br₂ FW 474.19
2,2',7,7'-Tetrabromo-9,9'-spirobifluorene CAT# IN1239	 CAS# [128055-74-3] Formula C₂₅H₁₂Br₄ FW 631.98
2,2',7,7'-Tetrakis(tributylstannyl)-9,9'-spirobi[fluorene] CAT# IN1299	 CAS# Formula C₇₃H₁₂₀Sn₄ FW 1472.57
2-Bromo-5,5,10,10,15,15-hexahexyl-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene CAT# IN3003	 CAS# Formula C₆₃H₈₈Br FW 926.28 R=C6, C6C10
2,7-Dibromo-5,5,10,10,15,15-hexahexyl-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene CAT# IN3004	 CAS# Formula C₆₃H₈₈Br₂ FW 1005.18 R=C6, C6C10
2,7,12-Tribromo-5,5,10,10,15,15-hexaoctyl-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene CAT# IN3005	 CAS# Formula C₇₅H₁₁₁Br₃ FW 1252.40
5,5,10,10,15,15-Hexahexyl-2-nitro-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene CAT# IN3011	 CAS# Formula C₆₃H₈₉NO₂ FW 892.39
5,5,10,10,15,15-Hexahexyl-2,7-dinitro-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene CAT# IN3013	 CAS# Formula C₆₃H₈₈N₂O₄ FW 937.38
2-Bromo-5,5,10,10,15,15-hexahexyl-7,12-dinitro-10,15-dihydro-5H-diindeno[1,2-a:1',2'-c]fluorene CAT# IN3015	 CAS# Formula C₆₃H₈₇BrN₂O₄ FW 1016.28
6,6'-(9H-Fluorene-9,9-diyl)dinaphthalen-2-ol CAT# IN1260	 CAS# [934557-66-1] Formula C₃₃H₂₂O₂ FW 450.53
2,7-Dibromo-9,9-bis(4-hexylphenyl)-9H-fluorene CAT# IN1628	 CAS# / Formula C₃₇H₄₀Br₂ FW 644.52
2,2'-(9,9-Bis(4-hexylphenyl)-9H-fluorene-2,7-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# IN1629	 CAS# [1206875-64-0] Formula C₄₉H₆₄B₂O₄ FW 738.65

2,7-Bis(4,4,5,5-tetramethyl-1,3,3-dioxaborolan-2-yl)-9,9-bis(4-(2-ethylhexyloxy)phenyl)fluorene

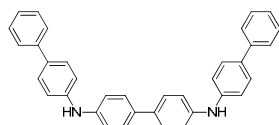
CAT# IN1264



CAS#
Formula $C_{53}H_{72}B_2O_6$
FW 826.76

***N,N'*-di([1,1'-biphenyl]-4-yl)-[1,1'-biphenyl]-4,4'-diamine**

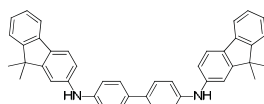
CAT# IN1268



CAS#
Formula $C_{36}H_{28}N_2$
FW 488.62

***N,N'*-bis(9,9-dimethyl-9H-fluorene-2-yl)-[1,1'-biphenyl]-4,4'-diamine**

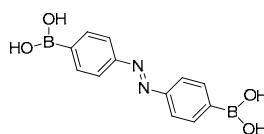
CAT# IN1269



CAS#
Formula $C_{42}H_{36}N_2$
FW 568.75

(*E*)-(diazene-1,2-diylbis(4,1-phenylene))diboronic acid

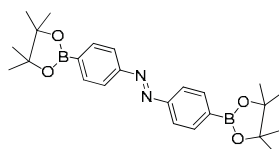
CAT# IN3020



CAS# [1902168-17-5]
Formula $C_{12}H_{12}B_2N_2O_4$
FW 269.86

(*E*)-1,2-bis(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)diazene

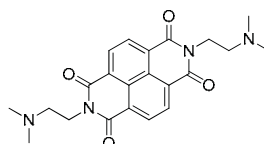
CAT# IN3021



CAS# [1432792-09-0]
Formula $C_{24}H_{32}B_2N_2O_4$
FW 434.14

Monomer-NDI Series
2,7-Bis(2-(dimethylamino)ethyl)benzo[*Imn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

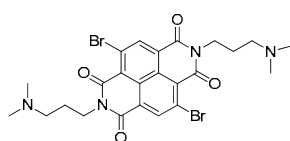
CAT# IN1071



CAS# [22291-04-9]
Formula $C_{22}H_{24}N_4O_4$
FW 408.45

4,9-Dibromo-2,7-bis(3-(dimethylamino)propyl)benzo[*Imn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

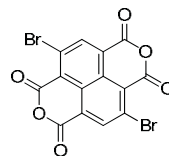
CAT# IN1078



CAS# [1375748-41-6]
Formula $C_{24}H_{26}Br_2N_4O_4$
FW 594.30

5,10-Dibromoisochromeno[6,5,4-*def*]isochromene-1,3,6,8(3*aH*,8*aH*)-tetraone

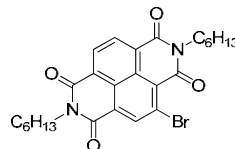
CAT# IN1072



CAS# [83204-68-6]
Formula $C_{14}H_4Br_2O_6$
FW 425.97

4-Bromo-2,7-dihexylbenzo[*Imn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

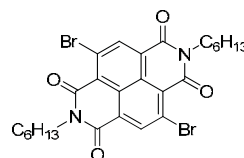
CAT# IN1020



CAS# [1315605-26-5]
Formula $C_{26}H_{28}BrN_2O_4$
FW 513.42

4,9-Dibromo-2,7-dihexylbenzo[*Imn*][3,8]phenanthroline-1,3,6,8-tetraone

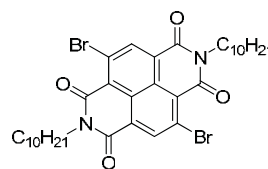
CAT# IN1021



CAS# [1239327-73-1]
Formula $C_{26}H_{28}Br_2N_2O_4$
FW 592.32

4,9-Dibromo-2,7-didecylbenzo[*Imn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

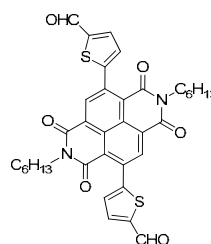
CAT# IN1261



CAS# /
Formula $C_{34}H_{44}Br_2N_2O_4$
FW 704.53

5,5'-(2,7-Dihexyl-1,3,6,8-tetraoxo-1,2,3,6,7,8-hexahydrobenzo[*Imn*][3,8]phenanthroline-4,9-diyl)bis(thiophene-2-carbaldehyde)

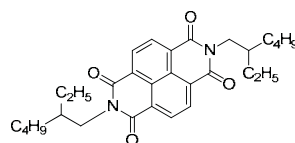
CAT# IN1550



CAS#
Formula $C_{36}H_{34}N_2O_6S_2$
FW 654.79

2,7-Bis(2-ethylhexyl)benzo[*Imn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

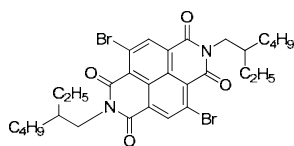
CAT# IN1164



CAS#
Formula $C_{30}H_{38}N_2O_4$
FW 490.63

4,9-Dibromo-2,7-bis(2-ethylhexyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

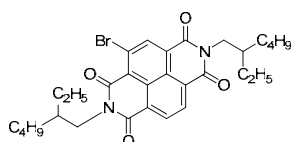
CAT# IN1209



CAS# [1088205-02-0]
Formula C₃₀H₃₆Br₂N₂O₄
FW 648.43

4-Bromo-2,7-bis(2-ethylhexyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

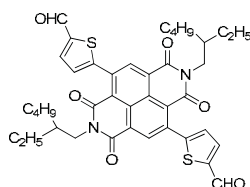
CAT# IN1210



CAS#
Formula C₃₀H₃₇BrN₂O₄
FW 569.53

5,5'-(2,7-Bis(2-ethylhexyl)-1,3,6,8-tetraoxo-1,2,3,6,7,8-hexahydrobenzo[*lmn*][3,8]phenanthroline-4,9-diyl)bis(thiophene-2-carbaldehyde)

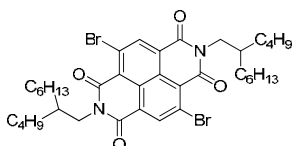
CAT# IN1262



CAS#
Formula C₄₀H₄₂N₂O₈S₂
FW 710.90

4,9-Dibromo-2,7-bis(2-butyloctyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

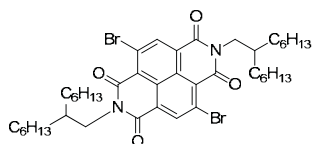
CAT# IN1265



CAS# [1614253-96-1]
Formula C₃₈H₅₂Br₂N₂O₄
FW 760.64

4,9-Dibromo-2,7-bis(2-hexyloctyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

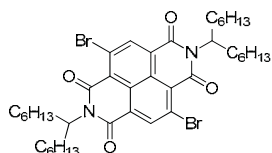
CAT# IN1266



CAS# /
Formula C₄₂H₆₀Br₂N₂O₄
FW 816.74

4,9-Dibromo-2,7-di(tridecan-7-yl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

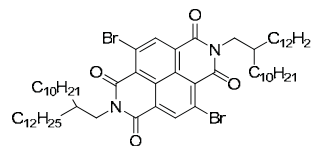
CAT# IN1247



CAS#
Formula C₄₀H₅₆Br₂N₂O₄
FW 788.69

4,9-Dibromo-2,7-bis(2-decyltetradecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8-(2*H*,7*H*)-tetraone

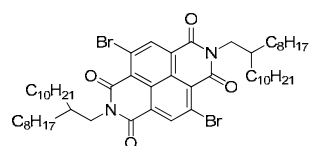
CAT# IN1022



CAS# [1088205-04-2]
Formula C₆₂H₁₀₀Br₂N₂O₄
FW 1097.28

4,9-Dibromo-2,7-bis(2-octyldodecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

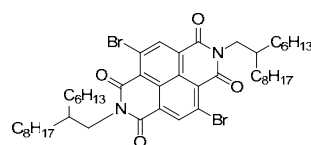
CAT# IN1023



CAS# [1100243-35-3]
Formula C₅₄H₈₄Br₂N₂O₄
FW 985.06

4,9-Dibromo-2,7-bis(2-hexyldecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

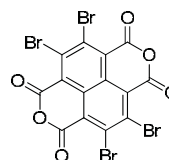
CAT# IN1248



CAS# [1459168-68-3]
Formula C₄₆H₆₈Br₂N₂O₄
FW 872.85

4,5,9,10-Tetrabromoisochromeno[6,5,4-*def*]isochromene-1,3,6,8-tetraone

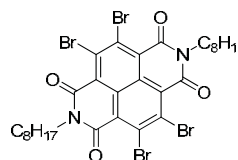
CAT# IN1073



CAS# [299962-88-2]
Formula C₁₄Br₄O₆
FW 583.76

4,5,9,10-Tetrabromo-2,7-dioctylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8-tetraone

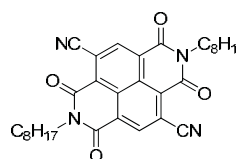
CAT# IN1076



CAS# [954374-43-7]
Formula C₃₀H₃₄Br₄N₂O₄
FW 806.22

2,7-Dioctyl-1,3,6,8-tetraoxo-1,2,3,6,7,8-hexahydrobenzo[*lmn*][3,8]phenanthroline-4,9-dicarbonitrile

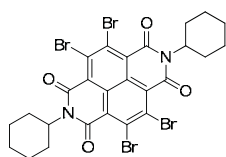
CAT# IN1876



CAS# [942130-56-5]
Formula C₃₂H₃₆N₄O₄
FW 540.65

4,5,9,10-Tetrabromo-2,7-dicyclohexylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

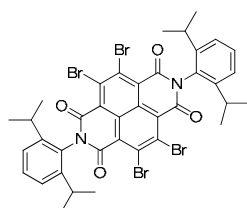
CAT# IN1276



CAS# /
Formula $C_{26}H_{22}Br_4N_2O_4$
FW 746.08

4,5,9,10-Tetrabromo-2,7-bis(2,6-diisopropylphenyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

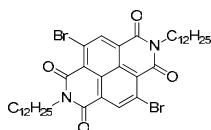
CAT# IN1536



CAS# [943148-75-2]
Formula $C_{38}H_{34}Br_4N_2O_4$
FW 902.30

4,9-Dibromo-2,7-didodecylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

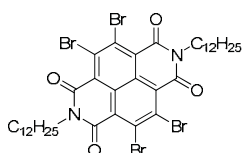
CAT# IN1274



CAS#
Formula $C_{38}H_{52}Br_2N_2O_4$
FW 760.64

4,5,9,10-Tetrabromo-2,7-didodecylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8-tetraone

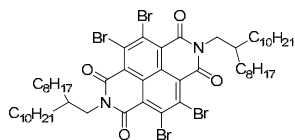
CAT# IN1074



CAS#
Formula $C_{38}H_{50}Br_4N_2O_4$
FW 918.43

4,5,9,10-Tetrabromo-2,7-bis(2-octyldodecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8-tetraone

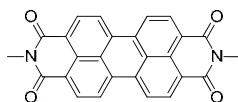
CAT# IN1075



CAS# [1219501-17-3]
Formula $C_{54}H_{82}Br_4N_2O_4$
FW 1142.86

Monomer-PDI Series
2,9-Dimethylanthra[2,1,9-*def*:6,5,10-*d'e'f'*]diisoquinoline-1,3,8,10(2*H*,9*H*)-tetraone

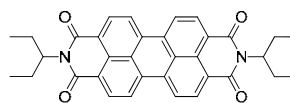
CAT# IN1214



CAS#
Formula $C_{26}H_{14}N_2O_4$
FW 418.40

***N,N'*-Bis(pentan-3-yl)-3,4,9,10-perylene diimide**

CAT# IN1215

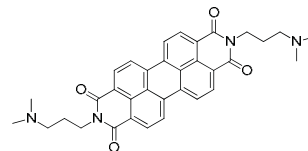


CAS# [110590-81-3]
Formula $C_{34}H_{30}N_2O_4$
FW 530.61

2,9-Bis(3-(dimethylamino)propyl)anthra[2,1,9-*def*:6,5,10-*d'e'f'*]diisoquinoline-1,3,8,10(2*H*,9*H*)-tetraone

PDIN

CAT# IN1279

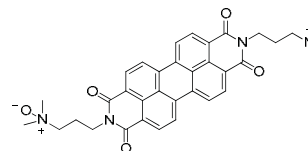


CAS# [117901-97-0]
Formula $C_{34}H_{32}N_4O_4$
FW 560.64

3,3'-(1,3,8,10-Tetraoxoanthra[2,1,9-*def*:6,5,10-*d'e'f'*]diisoquinoline-2,9(1*H*,3*H*,8*H*,10*H*)-diyl)bis(*N,N*-dimethylpropan-1-amine oxide)

PDINO

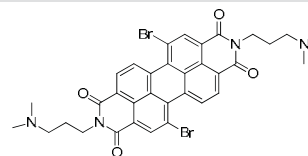
CAT# IN1277



CAS# [1558023-86-1]
Formula $C_{34}H_{32}N_4O_6$
FW 592.64

5,12-Dibromo-2,9-bis(3-(dimethylamino)propyl)anthra[2,1,9-*def*:6,5,10-*d'e'f'*]diisoquinoline-1,3,8,10(2*H*,9*H*)-tetraone

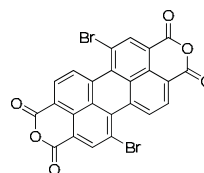
CAT# IN1289



CAS#
Formula $C_{34}H_{30}Br_2N_4O_4$
FW 718.43

1,7-Dibromoperylene-3,4,9,10-tetracarboxylic acid dianhydride

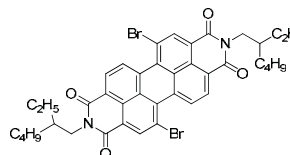
CAT# IN1211



CAS# [118129-60-5]
Formula $C_{24}H_6Br_2O_6$
FW 550.11

***N,N'*-Bis(2-ethylhexyloxy)-1,7-dibromo-3,4,9,10-perylene diimide**

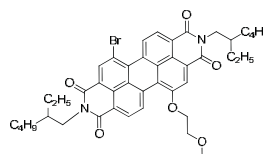
CAT# IN1212



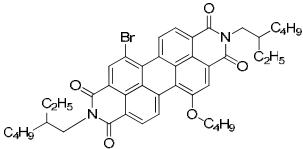
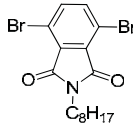
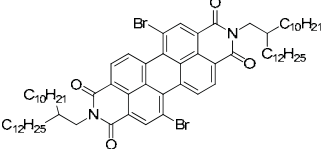
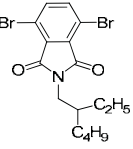
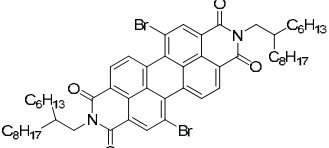
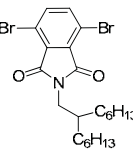
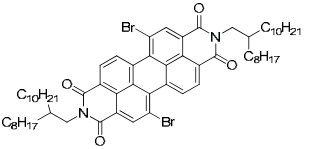
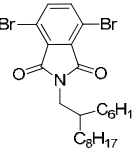
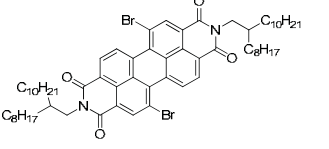
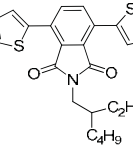
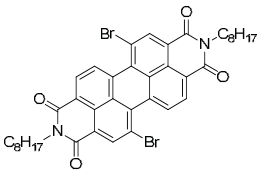
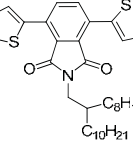
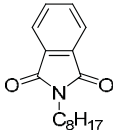
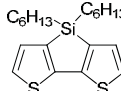
CAS# [851786-15-7]
Formula $C_{40}H_{40}Br_2N_2O_4$
FW 772.56

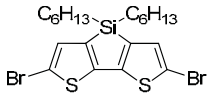
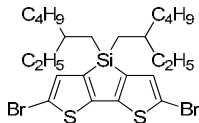
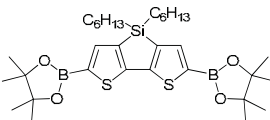
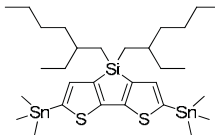
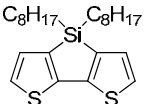
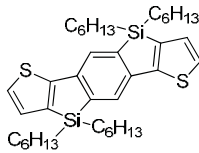
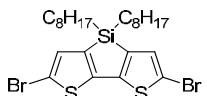
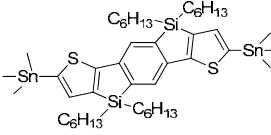
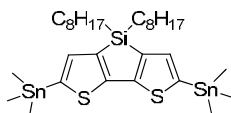
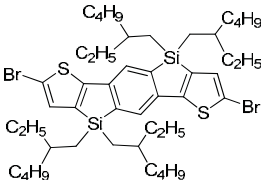
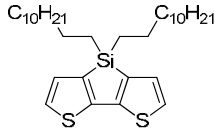
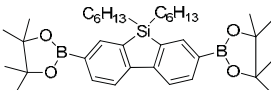
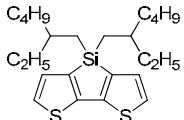
1-Bromo-7-(2-methoxyethoxy)perylene diimide

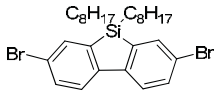
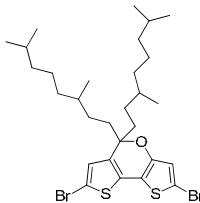
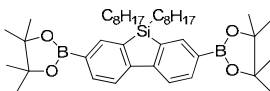
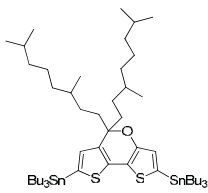
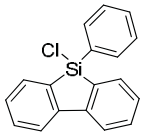
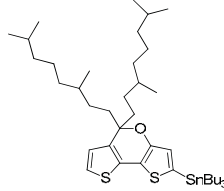
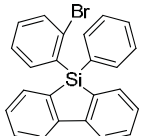
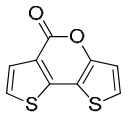
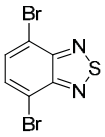
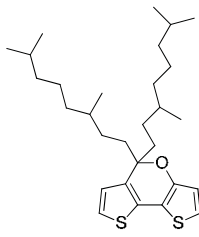
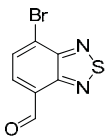
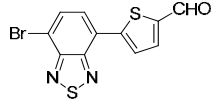
CAT# IN1280

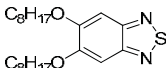
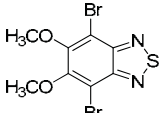
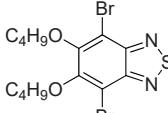
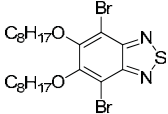
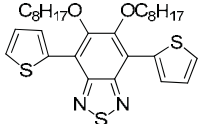
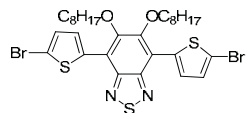
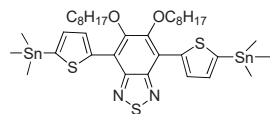
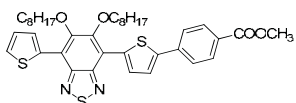
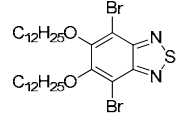
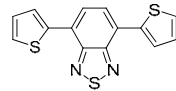
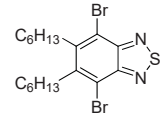
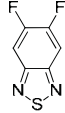
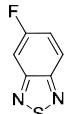
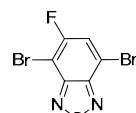


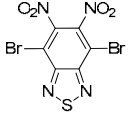
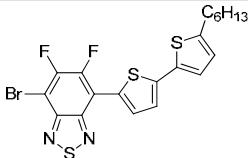
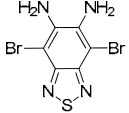
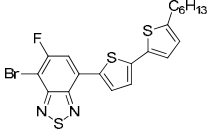
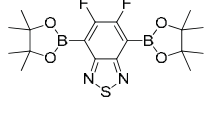
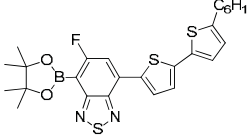
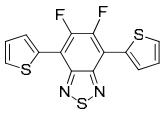
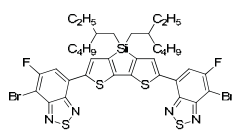
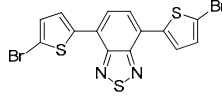
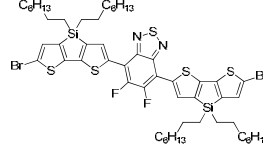
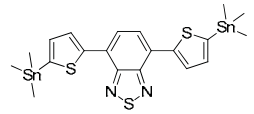
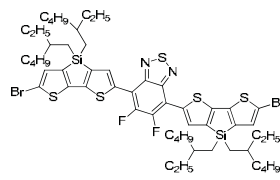
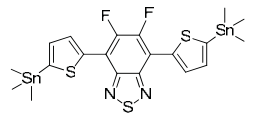
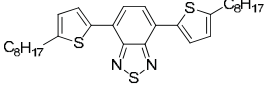
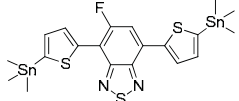
CAS#
Formula $C_{43}H_{47}BrN_2O_6$
FW 767.75

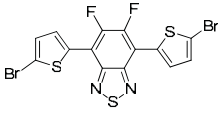
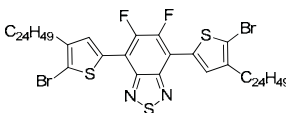
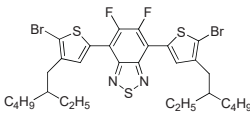
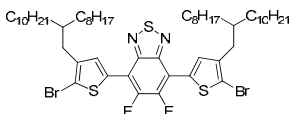
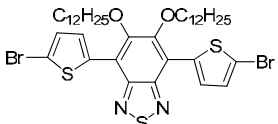
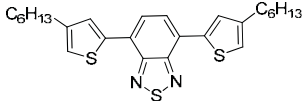
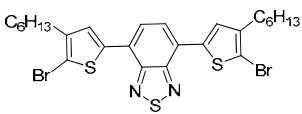
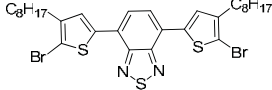
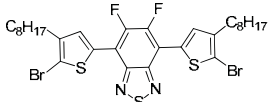
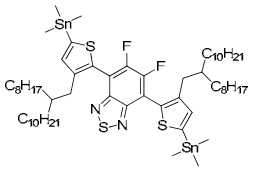
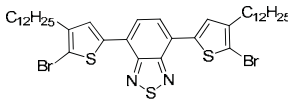
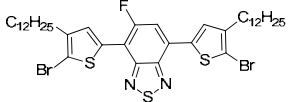
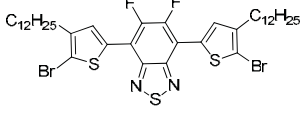
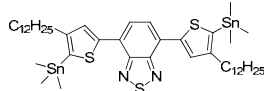
1-Bromo-7-(<i>n</i>-butoxy)perylene-3,4,9,10-tetracarboxylic diimide CAT# IN1281  CAS# [1356240-65-7] Formula C₄₄H₄₉BrN₂O₅ FW 765.77	<i>N</i>-Octyl-3,6-dibromophthalimide CAT# IN1036  CAS# Formula C₁₆H₁₉Br₂NO₂ FW 417.14
<i>N,N'</i>-Bis(2-decyl-tetradecyl)-1,7-dibromo-3,4,9,10-perylene diimide CAT# IN1213  CAS# [909019-78-9] Formula C₇₂H₁₀₄Br₂N₂O₄ FW 1221.42	3,6-Dibromo-<i>N</i>-(2-ethylhexyl)phthalimide CAT# IN1424  CAS# [863027-98-9] Formula C₁₆H₁₉Br₂NO₂ FW 417.14
5,12-Dibromo-2,9-bis(2-hexyldodecyl)anthra[2,1,9-<i>def</i>:6,5,10-<i>d'e'f'</i>]diisoquinoline-1,3,8,10(2<i>H</i>,9<i>H</i>)-tetraone CAT# IN1285  CAS# Formula C₅₆H₇₂Br₂N₂O₄ FW 996.99	4,7-Dibromo-2-(2-hexyloctyl)isoindoline-1,3-dione CAT# IN1426  CAS# Formula C₂₂H₃₁Br₂NO₂ FW 501.30
5,12-Dibromo-2,9-bis(2-octyldodecyl)anthra[2,1,9-<i>def</i>:6,5,10-<i>d'e'f'</i>]diisoquinoline-1,3,8,10(2<i>H</i>,9<i>H</i>)-tetraone CAT# IN1283  CAS# [1100243-37-5] Formula C₆₄H₈₈Br₂N₂O₄ FW 1109.20	4,7-Dibromo-2-(2-hexyldodecyl)isoindoline-1,3-dione CAT# IN1427  CAS# [1612792-27-4] Formula C₂₄H₃₅Br₂NO₂ FW 529.35
 CAS# [1100243-37-5] Formula C₆₄H₈₈Br₂N₂O₄ FW 1109.20	3,6-Bis(thieno-2-yl)-<i>N</i>-(2-ethylhexyl)phthalimide CAT# IN1425  CAS# Formula C₂₄H₂₅NO₂S₂ FW 423.59
5,12-Dibromo-2,9-dioctylantra[2,1,9-<i>def</i>:6,5,10-<i>d'e'f'</i>]diisoquinoline-1,3,8,10(2<i>H</i>,9<i>H</i>)-tetraone CAT# IN1284  CAS# Formula C₄₀H₄₀Br₂N₂O₄ FW 772.56	3,6-Bis(thieno-2-yl)-<i>N</i>-(2-octyldodecyl)phthalimide CAT# IN1428  CAS# Formula C₃₆H₄₉NO₂S₂ FW 591.91
Monomer-Phthalimide Series <i>N</i>-Octyl-phthalimide CAT# IN1028  CAS# [59333-62-9] Formula C₁₆H₂₁NO₂ FW 259.34	
Monomer-Silole (DTS) Series 4,4-Dihexyl-4<i>H</i>-silolo[3,2-<i>b</i>:4,5-<i>b'</i>]dithiophene CAT# IN1874  CAS# [906372-08-5] Formula C₂₀H₃₀S₂Si FW 362.67	

2,6-Dibromo-4,4'-dihexyl-4H-silolo[3,2-b:4,5-b']dithiophene CAT# IN1251	4,4'-Bis(2-ethyl-hexyl)-5,5'-dibromo-dithieno[3,2-b:2',3'-d']silole CAT# IN1254
 CAS# [188690-66-6] Formula C₂₀H₂₈Br₂S₂Si FW 520.46	 CAS# [1089687-05-7] Formula C₂₄H₃₆Br₂S₂Si FW 576.57
4,4'-Dihexyl-2,6-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-4H-silolo[3,2-b:4,5-b']dithiophene CAT# IN1875	4,4'-Bis(2-ethyl-hexyl)-5,5'-bis(trimethyltin)-dithieno[3,2-b:2',3'-d']silole CAT# IN1255
 CAS# [1445594-20-6] Formula C₃₂H₅₂B₂O₄S₂Si FW 614.59	 CAS# [1089687-06-8] Formula C₃₀H₅₄S₂SiSn₂ FW 744.39
4,4'-Bis(octyl)-dithieno[3,2-b:2',3'-d']silole CAT# IN1046	Benzo[1,2-b:4,5-b']bis(4,4'-dihexyl-4H-silolo[3,2-b]thiophene) CAT# IN1460
 CAS# [1160106-12-6] Formula C₂₄H₃₈S₂Si FW 418.77	 CAS# [1569453-45-7] Formula C₃₈H₅₈S₂Si₂ FW 635.18
4,4'-Bis(octyl)-5,5'-dibromo-dithieno[3,2-b:2',3'-d']silole CAT# IN1256	2,7-Bis(trimethylstannyl)-benzo[1,2-b:4,5-b']bis(4,4'-dihexyl-4H-silolo[3,2-b]thiophene) CAT# IN1503
 CAS# [1569453-45-7] Formula C₂₄H₃₈Br₂S₂Si FW 576.57	 CAS# [1569453-45-7] Formula C₄₄H₇₄S₂Si₂Sn₂ FW 960.78
4,4'-Bis(octyl)-5,5'-bis(trimethyltin)-dithieno[3,2-b:2',3'-d']silole CAT# IN1257	2,7-Dibromo-benzo[1,2-b:4,5-b']bis(4,4'-diethylhexyl-4H-silolo[3,2-b]thiophene) CAT# IN1544
 CAS# [1160106-15-9] Formula C₃₀H₅₄S₂SiSn₂ FW 744.39	 CAS# [1500083-25-9] Formula C₃₂H₅₄S₂Si FW 530.99
4,4'-Didodecyl-4H-silolo[3,2-b:4,5-b']dithiophene CAT# IN1271	5,5-Dihexyl-3,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-5H-dibenzo[b,d]silole CAT# IN1434
 CAS# [1500083-25-9] Formula C₃₂H₅₄S₂Si FW 530.99	 CAS# [852138-91-1] Formula C₃₈H₅₆B₂O₄Si FW 602.53
4,4'-Bis(2-ethyl-hexyl)-dithieno[3,2-b:2',3'-d']silole CAT# IN1253	
 CAS# [1207627-85-7] Formula C₂₄H₃₈S₂Si FW 418.77	

3,7-Dibromo-5,5-dioctyl-5H-dibenzo[b,d]silole CAT# IN1453  CAS# [891182-24-4] Formula C₂₈H₄₀Br₂Si FW 564.51	2,7-Dibromo-5,5-bis(3,7-dimethyloctyl)-5H-dithieno[3,2-b:2',3'-d]pyran CAT# IN1509  CAS# Formula C₂₉H₄₄Br₂OS₂ FW 632.60
5,5-Dioctyl-3,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-5H-dibenzo[b,d]silole CAT# IN1454  CAS# [958293-23-7] Formula C₄₀H₆₄B₂O₄Si FW 658.64	(5,5-Bis(3,7-dimethyloctyl)-5H-dithieno[3,2-b:2',3'-d]pyran-2,7-diyl)bis(tributylstannane) CAT# IN1510  CAS# [1295502-52-1] Formula C₅₃H₉₈OS₂Sn₂ FW 1052.89
5-Chloro-5-phenyl-5H-dibenzo[b,d]silole CAT# IN1437  CAS# [18766-52-4] Formula C₁₈H₁₃ClSi FW 292.83	(5,5-Bis(3,7-dimethyloctyl)-5H-dithieno[3,2-b:2',3'-d]pyran-2-yl)tributylstannane CAT# IN1511  CAS# Formula C₄₁H₇₂OS₂Sn FW 763.85
5-(2-Bromophenyl)-5-phenyl-5H-dibenzo[b,d]silole CAT# IN1439  CAS# / Formula C₂₄H₁₇BrSi FW 413.38	Monomer-Benzo-thiadiazole (BT) Series 4-Bromobenzo[c][1,2,5]thiadiazole CAT# IN1447  CAS# [22034-13-5] Formula C₆H₃BrN₂S FW 215.07
Monomer-DTPO Series 5H-dithieno[3,2-b:2',3'-d]pyran-5-one CAT# IN1507  CAS# [1295502-12-3] Formula C₉H₄O₂S₂ FW 208.26	4,7-Dibromobenzo[c][1,2,5]thiadiazole CAT# IN1006  CAS# [15155-41-6] Formula C₆H₂Br₂N₂S FW 293.97
5,5-Bis(3,7-dimethyloctyl)-5H-dithieno[3,2-b:2',3'-d]pyran CAT# IN1508  CAS# [1295502-20-3] Formula C₂₉H₄₆OS₂ FW 474.80	7-Bromobenzo[c][1,2,5]thiadiazole-4-carbaldehyde CAT# IN1446  CAS# [1071224-34-4] Formula C₇H₃BrN₂OS FW 243.08
	5-(7-Bromobenzo[c][1,2,5]thiadiazol-4-yl)thiophene-2-carbaldehyde CAT# IN1546  CAS# [1309922-61-9] Formula C₁₁H₅BrN₂OS₂ FW 325.20

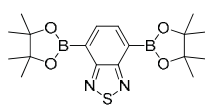
5,6-Bis(octyloxy)benzo-2,1,3-thiadiazole CAT# IN1037			CAS# [1254353-37-1] Formula $C_{22}H_{36}N_2O_2S$ FW 392.60
4,7-Dibromo-5,6-dimethoxybenzo[c][1,2,5]thiadiazole CAT# IN1699			CAS# [1415601-55-6] Formula $C_8H_6Br_2N_2O_2S$ FW 354.02
4,7-Dibromo-5,6-dibutoxybenzo[c][1,2,5]thiadiazole CAT# IN1701			CAS# [1192352-08-1] Formula $C_{14}H_{18}Br_2N_2O_2S$ FW 438.18
4,7-Dibromo-5,6-bis(octyloxy)benzo-2,1,3-thiadiazole CAT# IN1038			CAS# [1192352-08-1] Formula $C_{22}H_{34}Br_2N_2O_2S$ FW 550.39
5,6-Bis(octyloxy)-4,7-di(thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1039			CAS# [1192352-10-5] Formula $C_{30}H_{40}N_2O_2S_3$ FW 556.85
4,7-Bis(5-bromothiophen-2-yl)5,6-bis(octyloxy)benzo-2,1,3-thiadiazole CAT# IN1429			CAS# [1192352-10-5] Formula $C_{30}H_{38}Br_2N_2O_2S_3$ FW 714.64
5,6-Bis(octyloxy)-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1430			CAS# [1295502-53-2] Formula $C_{36}H_{56}N_2O_2S_3Sn_2$ FW 882.46
Methyl 4-(5-(5,6-bis(octyloxy)-7-(thiophen-2-yl)benzo[c][1,2,5]thiadiazol-4-yl)thiophen-2-yl)benzoate CAT# IN1431			CAS# [1313876-00-4] Formula $C_{38}H_{46}N_2O_4S_3$ FW 690.98
4,7-Dibromo-5,6-bis(dodecyloxy)benzo[c][1,2,5]thiadiazole CAT# IN1198			CAS# [1313876-00-4] Formula $C_{30}H_{50}Br_2N_2O_2S$ FW 662.60
4,7-Di(thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1079			CAS# [165190-76-1] Formula $C_{14}H_8N_2S_3$ FW 300.42
4,7-Dibromo-5,6-dihexylbenzo[c][1,2,5]thiadiazole CAT# IN1680			CAS# [1293389-28-2] Formula $C_{18}H_{26}Br_2N_2S$ FW 462.29
5,6-Difluorobenzo[c][1,2,5]thiadiazole CAT# IN1308			CAS# [1293389-28-2] Formula $C_8H_2F_2N_2S$ FW 172.16
5-Fluorobenzo[c][1,2,5]thiadiazole CAT# IN1422			CAS# [17821-75-9] Formula $C_8H_3FN_2S$ FW 154.16
4,7-Dibromo-5-fluorobenzo[c][1,2,5]thiadiazole CAT# IN1092			CAS# [1347736-74-6] Formula $C_8HBr_2FN_2S$ FW 311.96
5,6-Difluoro-4,7-dibromobenzo[c][1,2,5]thiadiazole CAT# IN1098			CAS# [1295502-53-2] Formula $C_8Br_2F_2N_2S$ FW 329.95

4,7-Dibromo-5,6-dinitrobenzo[c][1,2,5]thiadiazole CAT# IN1293  CAS# [76186-72-6] Formula $C_6Br_2N_4O_4S$ FW 383.96	4-Bromo-5,6-difluoro-7-(5'-hexyl-[2,2'-bithiophen]-5-yl)benzo[c][1,2,5]thiadiazole CAT# IN1599  CAS# [1774364-87-2] Formula $C_{20}H_{17}BrF_2N_2S_3$ FW 499.46
4,7-Dibromobenzo[c][1,2,5]thiadiazole-5,6-diamine CAT# IN1298  CAS# [141215-32-9] Formula $C_6H_4Br_2N_4S$ FW 324.00	4-Bromo-5-fluoro-7-(5'-hexyl-[2,2'-bithiophen]-5-yl)benzo[c][1,2,5]thiadiazole CAT# IN1560  CAS# [1402460-83-6] Formula $C_{20}H_{18}BrFN_2S_3$ FW 481.47
5,6-Difluoro-4,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1590  CAS# [1295502-63-4] Formula $C_{18}H_{24}B_2F_2N_2O_4S$ FW 424.08	5-Fluoro-7-(5'-hexyl-[2,2'-bithiophen]-5-yl)-4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1563  CAS# / Formula $C_{26}H_{30}BFN_2O_2S_3$ FW 528.53
5,6-difluoro-4,7-di(thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1097  CAS# [1304773-88-3] Formula $C_{14}H_6F_2N_2S_3$ FW 336.40	7,7'-(4,4-Bis(2-ethylhexyl)-4H-silolo[3,2-b:4,5-b']dithiophene-2,6-diyl)bis(4-bromo-5-fluorobenzo[c][1,2,5]thiadiazole) CAT# IN1562  CAS# Formula $C_{36}H_{38}Br_2F_2N_4S_4Si$ FW 880.86
4,7-Bis(2-bromo-5-thienyl)-2,1,3-benzothiadiazole CAT# IN1069  CAS# [288071-87-4] Formula $C_{14}H_6Br_2N_2S_3$ FW 458.21	4,7-Bis(6-bromo-4,4-bis(2-ethylhexyl)-4H-silolo[3,2-b:4,5-b']dithiophene-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1567  CAS# Formula $C_{54}H_{72}Br_2F_2N_2S_5Si_2$ FW 1163.46
4,7-Bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1195  CAS# [1025451-57-3] Formula $C_{20}H_{24}N_2S_3Sn_2$ FW 626.03	4,7-Bis(6-bromo-4,4-bis(2-ethylhexyl)-4H-silolo[3,2-b:4,5-b']dithiophene-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1569  CAS# [1432791-00-8] Formula $C_{54}H_{72}Br_2F_2N_2S_5Si_2$ FW 1163.46
5,6-Difluoro-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1597  CAS# [1421762-30-2] Formula $C_{20}H_{22}F_2N_2S_3Sn_2$ FW 662.01	4,7-Bis(5-octylthiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1196  CAS# [1171974-28-9] Formula $C_{30}H_{40}N_2S_3$ FW 524.85
5-Fluoro-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1600  CAS# [1611002-56-2] Formula $C_{20}H_{23}FN_2S_3Sn_2$ FW 644.02	

4,7-Bis(5-bromothiophen-2-yl)-5,6-difluorobenzo[c][1,2,5] thiadiazole CAT# IN1197		CAS# [1304773-89-4] Formula C ₁₄ H ₄ Br ₂ F ₂ N ₂ S ₃ FW 494.19
4,7-Bis(5-bromo-4-(2-tetracosyl)thiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1564		CAS# / Formula C ₆₂ H ₁₀₀ Br ₂ F ₂ N ₂ S ₃ FW 1167.47
4,7-Bis(5-bromo-4-(2-ethylhexyl)thiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1565		CAS# [1293389-31-7] Formula C ₃₀ H ₃₈ Br ₂ F ₂ N ₂ S ₃ FW 718.62
4,7-Bis(5-bromo-4-(2-octyldodecyl)thiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1566		CAS# [1504626-07-6] Formula C ₅₄ H ₈₄ Br ₂ F ₂ N ₂ S ₃ FW 1055.26
4,7-Bis(5-bromothiophen-2-yl)-5,6-bis(dodecyloxy)benzo[c][1,2,5] thiadiazole CAT# IN1199		CAS# [1334686-71-3] Formula C ₃₈ H ₅₄ Br ₂ N ₂ O ₂ S ₃ FW 826.85
4,7-Bis(4-hexylthiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1249		CAS# [761416-46-0] Formula C ₂₆ H ₃₂ N ₂ S ₃ FW 468.74
4,7-Bis(5-bromo-4-hexylthiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1244		CAS# [444579-39-9] Formula C ₂₆ H ₃₀ Br ₂ N ₂ S ₃ FW 626.53
4,7-Bis(5-bromo-4-octylthiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1245		CAS# [457931-23-6] Formula C ₃₀ H ₃₈ Br ₂ N ₂ S ₃ FW 682.64
4,7-Bis(5-bromo-4-octylthiophen-2-yl)-5,6-difluorobenzo[c][1,2,5] thiadiazole CAT# IN1246		CAS# [1283598-36-6] Formula C ₃₀ H ₃₈ Br ₂ F ₂ N ₂ S ₃ FW 718.62
5,6-Difluoro-4,7-bis(3-(2-octyldodecyl)-5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1598		CAS# Formula C ₆₀ H ₁₀₂ F ₂ N ₂ S ₃ Sn ₂ FW 1223.08
4,7-Bis(5-bromo-4-dodecylthiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1243		CAS# [1179993-72-6] Formula C ₃₈ H ₅₄ Br ₂ N ₂ S ₃ FW 794.85
4,7-Bis(5-bromo-4-dodecylthiophen-2-yl)-5-fluorobenzo[c][1,2,5]thiadiazole CAT# IN1605		CAS# Formula C ₃₈ H ₅₃ Br ₂ FN ₂ S ₃ FW 812.84
4,7-Bis(5-bromo-4-dodecylthiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole CAT# IN1606		CAS# [1373834-88-8] Formula C ₃₈ H ₅₂ Br ₂ F ₂ N ₂ S ₃ FW 830.83
4,7-Bis(4-dodecyl-5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]thiadiazole CAT# IN1568		CAS# Formula C ₄₄ H ₇₂ N ₂ S ₃ Sn ₂ FW 962.67

4,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2,1,3-benzothiadiazole

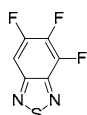
CAT# IN1348



CAS# [934365-16-9]
Formula $C_{18}H_{26}B_2N_2O_4S$
FW 388.10

4,5,6-Trifluorobenzo[c][1,2,5]thiadiazole

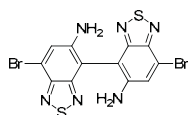
CAT# IN1570



CAS# [1245924-75-7]
Formula $C_6HF_3N_2S$
FW 190.15

7,7'-Dibromo-4,4'-bibenzo[c][1,2,5]thiadiazole-5,5'-diamine

CAT# IN1349

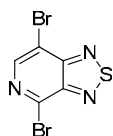


CAS#
Formula $C_{12}H_6Br_2N_6S_2$
FW 458.15

Monomer-Thiadiazolopyridine (TP) Series

4,7-Dibromo-[1,2,5]thiadiazolo[3,4-c]pyridine

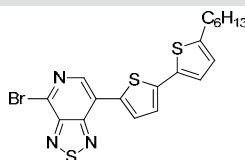
CAT# IN1202



CAS# [333432-27-2]
Formula $C_5HBr_2N_3S$
FW 294.95

4-Bromo-7-(5'-hexyl-[2,2'-bithiophen]-5-yl)-[1,2,5]thiadiazolo[3,4-c]pyridine

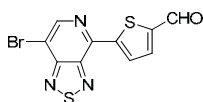
CAT# IN1561



CAS#
Formula $C_{19}H_{18}BrN_3S_3$
FW 464.47

5-(7-Bromo-[1,2,5]thiadiazolo[3,4-c]pyridin-4-yl)thiophene-2-carbaldehyde

CAT# IN1549

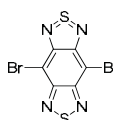


CAS#
Formula $C_{10}H_4BrN_3OS_2$
FW 326.19

Monomer-Benzobisthiadiazole (BBT) Series

4,8-Dibromo-benzo[1,2-c;4,5-c']bis[1,2,5]thiadiazole

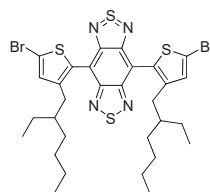
CAT# IN1201



CAS# [165617-59-4]
Formula $C_6Br_2N_4S_2$
FW 352.03

4,8-Bis(5-bromo-3-(2-ethylhexyl)-2-thienyl)-2,1,5-benzobis[1,2,5]thiadiazole

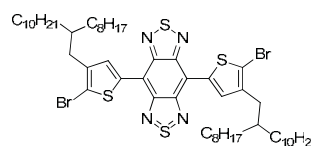
CAT# IN1572



CAS# /
Formula $C_{30}H_{36}Br_2N_4S_4$
FW 740.70

4,8-Bis(5-bromo-4-(2-octyldodecyl)thiophen-2-yl)-benzo[1,2-c;4,5-c']bis[1,2,5]thiadiazole

CAT# IN1573

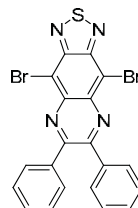


CAS# [1374601-35-0]
Formula $C_{54}H_{84}Br_2N_4S_4$
FW 1077.34

Monomer-DPTQ Series

4,9-Dibromo-6,7-diphenyl-[1,2,5]thiadiazolo[3,4-g]quinoxaline

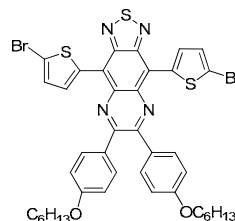
CAT# IN1203



CAS# [1262727-09-2]
Formula $C_{20}H_{10}Br_2N_4S$
FW 498.19

4,9-Bis-(5-bromo-thiophen-2-yl)-6,7-bis-(4-hexyloxy-phenyl)-2-thia-1,3,5,8-tetraaza-cyclopenta[b]naphthalene

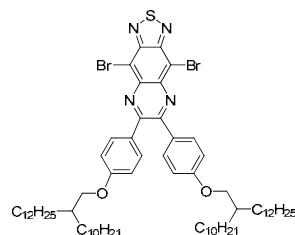
CAT# IN1620



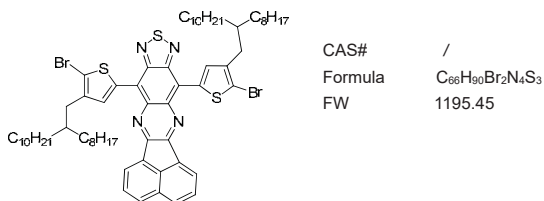
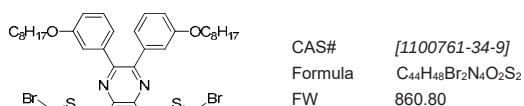
CAS# [1547443-69-5]
Formula $C_{40}H_{38}Br_2N_4O_2S_3$
FW 862.76

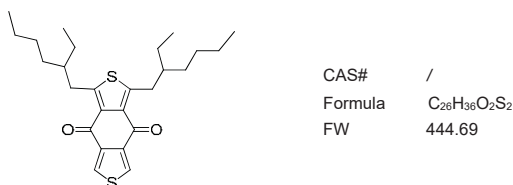
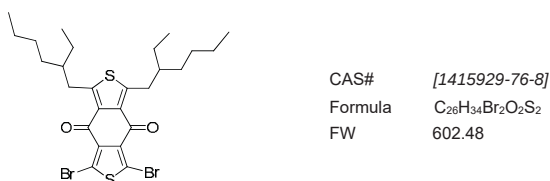
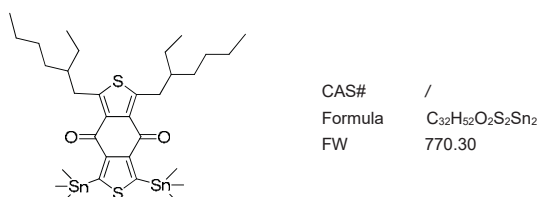
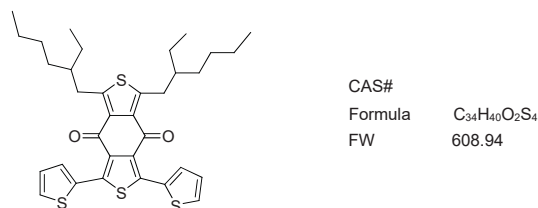
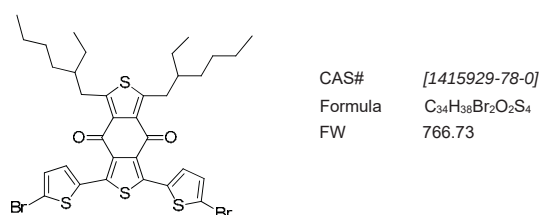
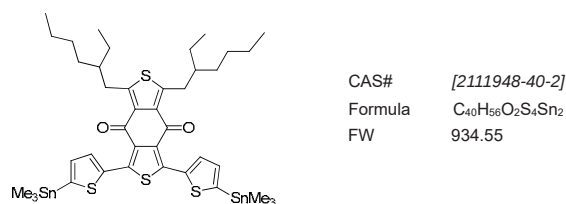
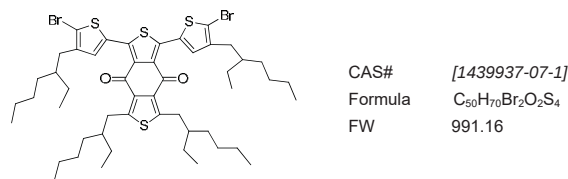
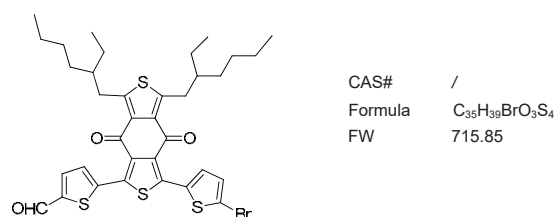
4,9-Dibromo-6,7-bis(4-((2-decyltetradecyl)oxy)phenyl)-[1,2,5]thiadiazolo[3,4-g]quinoxaline

CAT# IN1621



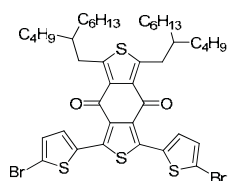
CAS# /
Formula $C_{88}H_{106}Br_2N_4O_2S$
FW 1203.47

8,12-Bis(5-bromo-4-(2-octyldodecyl)thiophen-2-yl)acenaphtho[1,2-b][1,2,5]thiadiazolo[3,4-g]quinoxaline
CAT# IN1623

5,8-Bis(5-bromothiophen-2-yl)-2,3-bis(3-(octyloxy)phenyl)quinoxaline
CAT# IN1625

2,7-Dibromophenazine
CAT# IN1632

Monomer-Benzodithiophene-dione (BDD) Series
1,3-Bis(2-ethylhexyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1650

1,3-Dibromo-5,7-bis(2-ethylhexyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1651

1,3-Bis(2-ethylhexyl)-5,7-bis(trimethylstannyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1652

1,3-Bis(2-ethylhexyl)-5,7-di(thiophen-2-yl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1657

1,3-Bis(5-bromothiophen-2-yl)-5,7-bis(2-ethylhexyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1653

1,3-Bis(2-ethylhexyl)-5,7-bis(5-(trimethylstannyl)thiophen-2-yl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
CAT# IN1654

1,3-Bis(5-bromo-4-(2-ethylhexyl)thiophen-2-yl)-5,7-bis(2-ethylhexyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione
BDD CAT# IN1655

5-(3-(5-Bromothiophen-2-yl)-5,7-bis(2-ethylhexyl)-4,8-dioxo-4,8-dihydrobenzo[1,2-c:4,5-c']dithiophen-1-yl)thiophene-2-carbaldehyde
CAT# IN1656


1,3-Bis(5-bromothiophen-2-yl)-5,7-bis(2-butyloctyl)benzo[1,2-c:4,5-c']dithiophene-4,8-dione

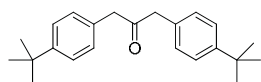
CAT# IN1658



CAS#
Formula $C_{42}H_{54}Br_2O_2S_4$
FW 878.94

1,3-Bis(4-(tert-butyl)phenyl)propan-2-one

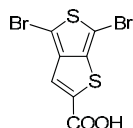
CAT# IN1634



CAS# [64321-35-3]
Formula $C_{23}H_{30}O$
FW 322.48

Monomer-Thiophene Series
4,6-Dibromo-thieno[3,4-b]thiophene-2-carboxylic acid

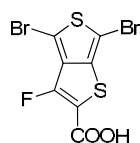
CAT# IN1014



CAS# [1024594-86-2]
Formula $C_7H_2Br_2O_2S_2$
FW 342.03

4,6-Dibromo-3-fluorothieno[3,4-b]thiophene-2-carboxylic acid

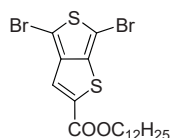
CAT# IN1019



CAS# [1628427-36-0]
Formula $C_7HBr_2FO_2S_2$
FW 360.02

Dodecyl 4,6-dibromothieno[3,4-b]thiophene-2-carboxylate

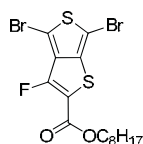
CAT# IN1007



CAS# [1098102-93-2]
Formula $C_{19}H_{26}Br_2O_2S_2$
FW 510.3

Octyl 4,6-dibromo-3-fluorothieno[3,4-b]thiophene-2-carboxylate

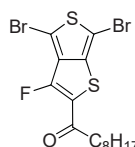
CAT# IN1017



CAS# [1160823-76-6]
Formula $C_{15}H_{17}Br_2FO_2S_2$
FW 472.23

1-(4,6-Dibromo-3-fluorothieno[3,4-b]thiophen-2-yl)nonan-1-one

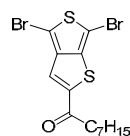
CAT# IN1052



CAS# [1309764-86-0]
Formula $C_{15}H_{17}Br_2FOS_2$
FW 456.23

1-(4,6-Dibromothieno[3,4-b]thiophen-2-yl)octan-1-one

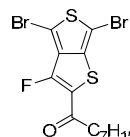
CAT# IN1061



CAS# [1327334-59-7]
Formula $C_{14}H_{16}Br_2OS_2$
FW 424.21

1-(4,6-Dibromo-3-fluorothieno[3,4-b]thiophen-2-yl)octan-1-one

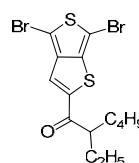
CAT# IN1062



CAS# [1202249-72-6]
Formula $C_{14}H_{15}Br_2FOS_2$
FW 442.20

1-(4,6-Dibromothieno[3,4-b]thiophen-2-yl)-2-ethylhexan-1-one

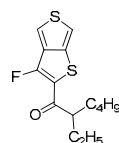
CAT# IN1091



CAS# [1194605-76-9]
Formula $C_{14}H_{16}Br_2OS_2$
FW 424.21

2-Ethyl-1-(3-fluorothieno[3,4-b]thiophen-2-yl)hexan-1-one

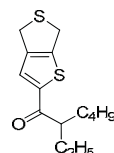
CAT# IN1690



CAS#
Formula $C_{14}H_{17}FOS_2$
FW 284.41

1-(4,6-Dihydrothieno[3,4-b]thiophen-2-yl)-2-ethylhexan-1-one

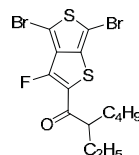
CAT# IN1054



CAS# [1194605-72-5]
Formula $C_{14}H_{20}OS_2$
FW 268.44

1-(4,6-Dibromo-3-fluorothieno[3,4-b]thiophen-2-yl)-2-ethylhexan-1-one

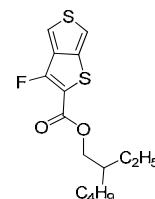
CAT# IN1090



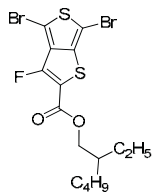
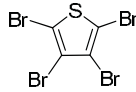
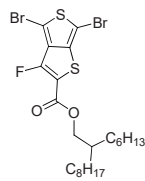
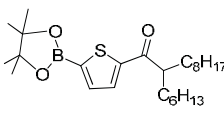
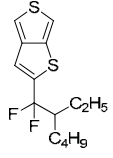
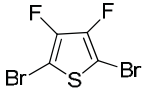
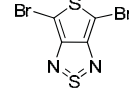
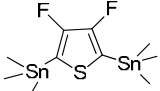
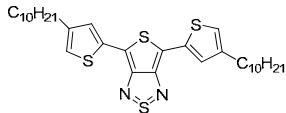
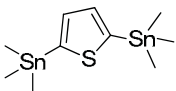
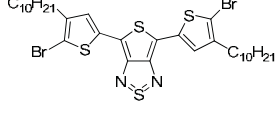
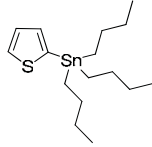
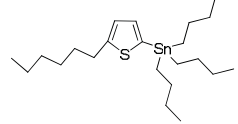
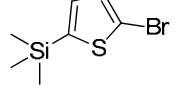
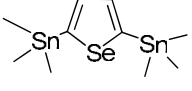
CAS# [1352743-83-9]
Formula $C_{14}H_{15}Br_2FOS_2$
FW 442.20

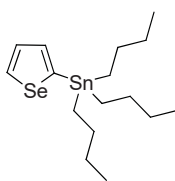
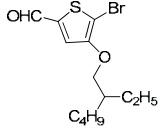
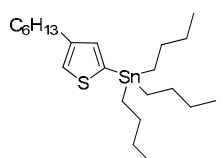
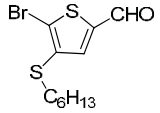
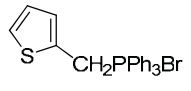
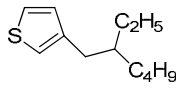
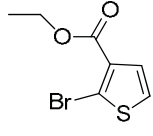
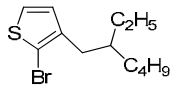
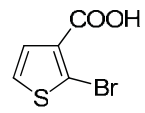
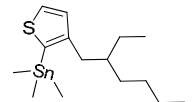
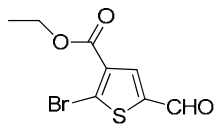
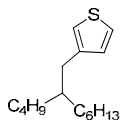
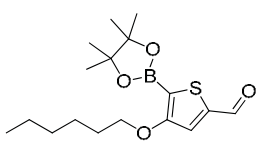
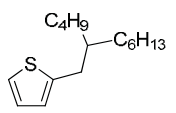
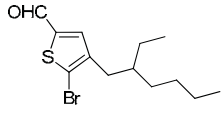
2-Ethylhexyl 3-fluorothieno[3,4-b]thiophene-2-carboxylate

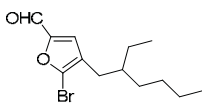
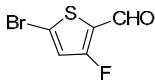
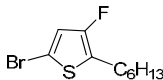
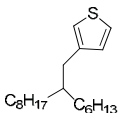
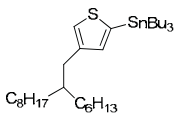
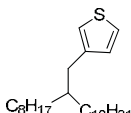
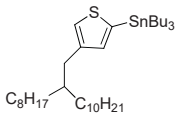
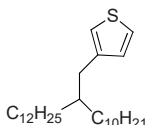
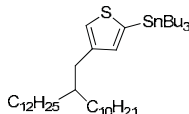
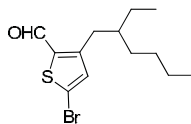
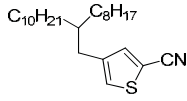
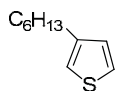
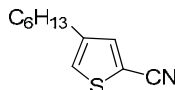
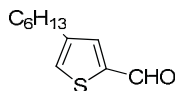
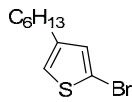
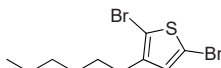
CAT# IN1093

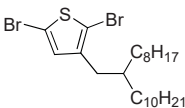
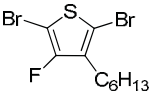
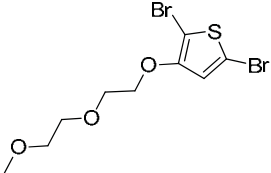
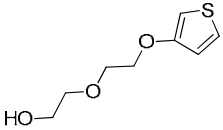
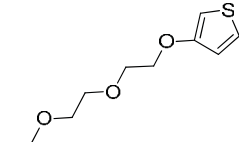
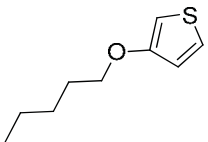
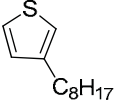
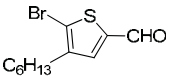
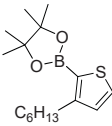
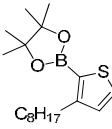
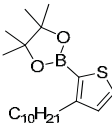
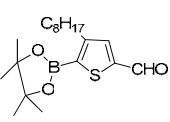
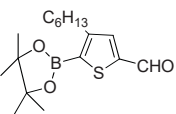
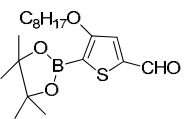
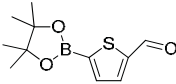


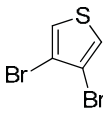
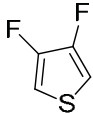
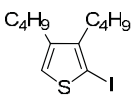
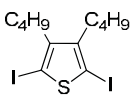
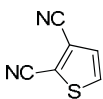
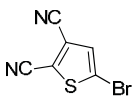
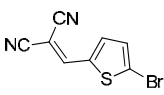
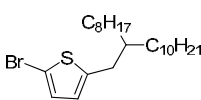
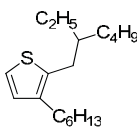
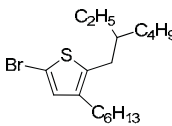
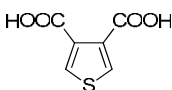
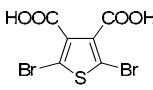
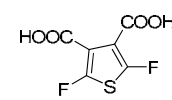
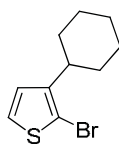
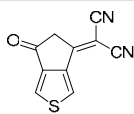
CAS#
Formula $C_{15}H_{19}FO_2S_2$
FW 314.44

2-Ethylhexyl-4,6-dibromo-3-fluorothieno[3,4-b]thiophene-2-carboxylate CAT# IN1094	Tetrabromothiophene CAT# IN1070
 CAS# [1237479-38-7] Formula $C_{15}H_{17}Br_2FO_2S_2$ FW 472.23	 CAS# [3958-03-0] Formula C_4Br_4S FW 399.72
2-Hexyldecyl 4,6-dibromo-3-fluorothieno[3,4-b]thiophene-2-carboxylate CAT# IN1194	2-Hexyl-1-(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)decan-1-one CAT# IN1358
 CAS# [1446476-90-9] Formula $C_{23}H_{33}Br_2FO_2S_2$ FW 584.44	 CAS# Formula $C_{26}H_{45}BO_3S$ FW 448.51
2-(2-Ethyl-1,1-difluorohexyl)thieno[3,4-b]thiophene CAT# IN1063	2,5-Dibromo-3,4-difluorothiophene CAT# IN1782
 CAS# Formula $C_{14}H_{18}F_2S_2$ FW 288.42	 CAS# [347838-15-7] Formula $C_4Br_2F_2S$ FW 277.91
4,6-Dibromo-thieno[3,4-c][1,2,5]thiadiazole(s) CAT# IN1535	(3,4-Difluorothiophene-2,5-diyl)bis(trimethylstannane) CAT# IN1783
 CAS# [238756-91-7] Formula $C_4Br_2N_2S_2$ FW 299.99	 CAS# [870718-97-1] Formula $C_{10}H_{18}F_2SSn_2$ FW 445.73
4,6-Bis(4-decylthiophen-2-yl)-thieno[3,4-c][1,2,5]thiadiazole(s) CAT# IN1538	2,5-Bis(trimethylstannyl)thiophene CAT# IN1477
 CAS# [914613-38-0] Formula $C_{32}H_{46}N_2S_4$ FW 586.98	 CAS# [86134-26-1] Formula $C_{10}H_{20}SSn_2$ FW 409.75
4,6-Bis(5-bromo-4-decylthiophen-2-yl)-thieno[3,4-c][1,2,5]thiadiazole (s) CAT# IN1539	Tributyl(thiophen-2-yl)stannane CAT# IN1127
 CAS# Formula $C_{32}H_{44}Br_2N_2S_4$ FW 744.77	 CAS# [54663-78-4] Formula $C_{16}H_{30}SSn$ FW 373.18
Tributyl(5-hexylthiophen-2-yl)stannane CAT# IN1111	(5-Bromothiophen-2-yl)trimethylsilane CAT# IN1512
 CAS# [388616-37-3] Formula $C_{22}H_{42}SSn$ FW 457.34	 CAS# [18246-28-1] Formula $C_7H_{11}BrSSi$ FW 235.22
	2,5-Bis-trimethylstannanyl-selenophene CAT# IN1627
	 CAS# [220770-41-2] Formula $C_{10}H_{20}SeSn_2$ FW 456.65

Tributyl(selenophen-2-yl)stannane  CAS# [116886-71-6] Formula $C_{16}H_{30}SeSn$ FW 420.08	5-Bromo-4-((2-ethylhexyl)oxy)thiophene-2-carbaldehyde  CAS# Formula $C_{13}H_{19}BrO_2S$ FW 319.26
Tributyl(4-hexylthiophen-2-yl)stannane  CAS# [444579-42-4] Formula $C_{22}H_{42}SSn$ FW 457.34	5-Bromo-4-(hexylthio)thiophene-2-carbaldehyde  CAS# / Formula $C_{11}H_{15}BrOS_2$ FW 307.27
2-Thienyltriphenylphosphonium bromide  CAS# [23259-98-5] Formula $C_{23}H_{20}BrPS$ FW 439.35	3-(2-Ethylhexyl)thiophene  CAS# [121134-38-1] Formula $C_{12}H_{20}S$ FW 196.35
Ethyl 2-bromothiophene-3-carboxylate  CAS# [632325-50-9] Formula $C_7H_7BrO_2S$ FW 235.10	2-Bromo-3-(2-ethylhexyl)thiophene  CAS# [303734-52-3] Formula $C_{12}H_{19}BrS$ FW 275.25
2-Bromothiophene-3-carboxylic acid  CAS# [24287-95-4] Formula $C_5H_3BrO_2S$ FW 207.05	(3-(2-Ethylhexyl)thiophen-2-yl)trimethylstannane  CAS# Formula $C_{15}H_{28}SSn$ FW 359.16
Ethyl 2-bromo-5-formylthiophene-3-carboxylate  CAS# [2110781-56-9] Formula $C_8H_7BrO_3S$ FW 263.11	3-(2-Butyloctyl)thiophene  CAS# [1638802-04-6] Formula $C_{16}H_{28}S$ FW 252.46
4-(Hexyloxy)-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde  CAS# Formula $C_{17}H_{27}BO_4S$ FW 338.27	2-(2-Butyloctyl)thiophene  CAS# [1271438-65-3] Formula $C_{16}H_{28}S$ FW 252.46
	5-Bromo-4-(2-ethylhexyl)thiophene-2-carbaldehyde  CAS# [1356861-54-5] Formula $C_{13}H_{19}BrOS$ FW 303.26

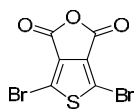
5-Bromo-4-(2-fethylhexyl)furan-2-carbaldehyde		CAT# IN1972	
	CAS# Formula FW	C ₁₃ H ₁₉ BrO ₂ 287.19	
5-Bromo-3-fluorothiophene-2-carbaldehyde		CAT# IN1974	
	CAS# Formula FW	[1822621-71-5] C ₆ H ₂ BrFOS 209.04	
5-Bromo-3-fluoro-2-hexylthiophene		CAT# IN1990	
	CAS# Formula FW	[2209090-37-7] C ₁₀ H ₁₄ BrFS 265.19	
3-(2-Hexyldecyl)thiophene		CAT# IN1490	
	CAS# Formula FW	[1345699-92-4] C ₂₀ H ₃₆ S 308.56	
Tributyl(4-(2-hexyldecyl)thiophen-2-yl)stannane		CAT# IN1491	
	CAS# Formula FW	C ₃₂ H ₆₂ SSn 597.61	
3-(2-Octyldodecyl)thiophene		CAT# IN1492	
	CAS# Formula FW	[1268060-76-9] C ₂₄ H ₄₄ S 364.67	
Tributyl(4-(2-octyldodecyl)thiophen-2-yl)stannane		CAT# IN1493	
	CAS# Formula FW	C ₃₆ H ₇₀ SSn 653.72	
3-(2-Decyltetradecyl)thiophene		CAT# IN1494	
	CAS# Formula FW	C ₂₈ H ₅₂ S 420.78	
Tributyl(4-(2-decyltetradecyl)thiophen-2-yl)stannane		CAT# IN1495	
	CAS# Formula FW	C ₄₀ H ₇₈ SSn 709.82	
5-Bromo-3-(2-ethylhexyl)thiophene-2-carbaldehyde		CAT# IN1970	
	CAS# Formula FW	C ₁₃ H ₁₉ BrOS 303.26	
4-(2-Octyldodecyl)thiophene-2-carbonitrile		CAT# IN1312	
	CAS# Formula FW	C ₂₅ H ₄₃ NS 389.68	
3-Hexylthiophene		CAT# IN1980	
	CAS# Formula FW	[1693-86-3] C ₁₀ H ₁₆ S 168.30	
4-Hexylthiophene-2-carbonitrile		CAT# IN1112	
	CAS# Formula FW	[1224430-39-0] C ₁₁ H ₁₅ NS 193.31	
4-Hexylthiophene-2-carbaldehyde		CAT# IN1113	
	CAS# Formula FW	[222554-30-5] C ₁₁ H ₁₆ OS 196.31	
2-Bromo-4-hexylthiophene		CAT# IN1114	
	CAS# Formula FW	[210705-84-3] C ₁₀ H ₁₆ BrS 247.20	
2,5-Dibromo-3-hexylthiophene		CAT# IN1154	
	CAS# Formula FW	[116971-11-0] C ₁₀ H ₁₄ Br ₂ S 326.09	

2,5-Bibromo-3-(2-octyldodecyl)thiophene		CAT# IN1754	
	CAS# Formula FW	C ₂₄ H ₄₂ Br ₂ S 522.46	
2,5-Dibromo-3-fluoro-4-hexylthiophene		CAT# IN1977	
	CAS# Formula FW	[488127-61-3] C ₁₀ H ₁₃ Br ₂ FS 344.08	
2,5-Dibromo-3-(2-(2-methoxyethoxy)ethoxy)thiophene		CAT# IN1155	
	CAS# Formula FW	[530116-60-0] C ₉ H ₁₂ Br ₂ O ₃ S 360.06	
2-(2-(Thiophen-3-yloxy)ethoxy)ethanol		CAT# IN1144	
	CAS# Formula FW	[1186415-90-6] C ₈ H ₁₂ O ₃ S 188.24	
3-(2-(2-Ethoxyethoxy)ethoxy)thiophene		CAT# IN1147	
	CAS# Formula FW	[138625-91-9] C ₁₀ H ₁₆ O ₃ S 216.30	
Thiophene, 3-(pentyloxy)-		CAT# IN1637	
	CAS# Formula FW	[148855-96-3] C ₉ H ₁₄ OS 170.27	
3-Octylthiophene		CAT# IN1472	
	CAS# Formula FW	[65016-62-8] C ₁₂ H ₂₀ S 196.35	
5-Bromo-4-hexylthiophene-2-carbaldehyde		CAT# IN1976	
	CAS# Formula FW	[291535-21-2] C ₁₁ H ₁₅ BrOS 275.21	
2-(3-Hexylthiophen-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane		CAT# IN1973	
	CAS# Formula FW	[850881-09-3] C ₁₈ H ₂₇ BO ₂ S 294.26	
4,4,5,5-Tetramethyl-2-(3-octylthiophen-2-yl)-1,3,2-dioxaborolane		CAT# IN1975	
	CAS# Formula FW	[405165-14-2] C ₁₈ H ₃₁ BO ₂ S 322.31	
2-(3-Decylthiophen-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane		CAT# IN1979	
	CAS# Formula FW	[1403967-25-8] C ₂₀ H ₃₅ BO ₂ S 350.37	
4-Octyl-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde		CAT# IN1978	
	CAS# Formula FW	C ₁₉ H ₃₁ BO ₃ S 350.32	
4-Hexyl-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde		CAT# IN1986	
	CAS# Formula FW	[1402132-40-4] C ₁₇ H ₂₇ BO ₃ S 322.27	
4-(Octyloxy)-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde		CAT# IN1989	
	CAS# Formula FW	C ₁₉ H ₃₁ BO ₄ S 366.32	
5-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene-2-carbaldehyde		CAT# IN1988	
	CAS# Formula FW	[1040281-83-1] C ₁₁ H ₁₅ BO ₃ S 238.11	

3,4-Dibromothiophene		CAT# IN1473	
	CAS# [3141-26-2] Formula C ₄ H ₂ Br ₂ S FW 241.93		
3,4-Difluorothiophene		CAT# IN1556	
	CAS# [19259-15-5] Formula C ₄ H ₂ F ₂ S FW 120.12		
3,4-Dibutyl-2-iodothiophene		CAT# IN1474	
	CAS# [565186-12-1] Formula C ₁₂ H ₁₈ IS FW 322.25		
3,4-Dibutyl-2,5-diiodothiophene		CAT# IN1475	
	CAS# [133750-15-9] Formula C ₁₂ H ₁₈ I ₂ S FW 448.15		
Thiophene-2,3-dicarbonitrile		CAT# IN1478	
	CAS# [18853-42-4] Formula C ₆ H ₂ N ₂ S FW 134.16		
Thiophene-2,3-dicarbonitrile		CAT# IN1479	
	CAS# [81020-78-2] Formula C ₆ HBrN ₂ S FW 213.05		
2-((5-Bromothiophen-2-yl)methylene)malononitrile		CAT# IN1480	
	CAS# [81020-78-2] Formula C ₈ H ₃ BrN ₂ S FW 239.09		
2-Bromo-5-(2-octyldodecyl)thiophene		CAT# IN1482	
	CAS# [1004524-17-7] Formula C ₂₄ H ₄₃ BrS FW 443.57		
2-(2-Ethylhexyl)-3-hexylthiophene		CAT# IN1448	
	CAS# [1627680-06-1] Formula C ₁₈ H ₃₂ S FW 280.51		
5-Bromo-2-(2-ethylhexyl)-3-hexylthiophene		CAT# IN1488	
	CAS# [35941-18-8] Formula C ₁₈ H ₃₁ BrS FW 359.41		
3,4-Dimethylthiophene		CAT# IN1489	
	CAS# [632-15-5] Formula C ₆ H ₆ S FW 112.19		
Thiophene-3,4-dicarboxylic acid		CAT# IN1121	
	CAS# [4282-29-5] Formula C ₆ H ₄ O ₄ S FW 172.16		
2,5-Dibromothiophene-3,4-dicarboxylic acid		CAT# IN1411	
	CAS# [190723-12-7] Formula C ₆ H ₂ Br ₂ O ₄ S FW 329.95		
2,5-Difluorothiophene-3,4-dicarboxylic acid		CAT# IN1711	
	CAS# [20814-18-8] Formula C ₆ H ₂ F ₂ O ₄ S FW 208.14		
2-Bromo-3-cyclohexylthiophene		CAT# IN1713	
	CAS# [241477-71-4] Formula C ₁₀ H ₁₃ BrS FW 245.18		
2-[6-Oxo-5,6-dihydro-4H-cyclopenta[c]thiophen-4-ylidene]malononitrile		CAT# IN1413	
	CAS# [2099010-83-8] Formula C ₁₀ H ₄ N ₂ OS FW 200.22		

4,6-Dibromothieno[3,4-c]furan-1,3-dione

CAT# IN1122

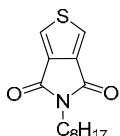


CAS# [1015423-45-6]
Formula $C_6Br_2O_2S$
FW 311.94

Monomer-Thienopyrroledione (TPD) Series

5-Octyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione

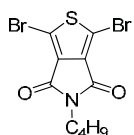
CAT# IN1613



CAS# [773881-43-9]
Formula $C_{14}H_{19}NO_2S$
FW 265.37

1,3-Dibromo-5-butyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione

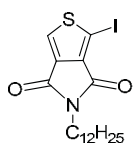
CAT# IN1611



CAS# [190723-14-9]
Formula $C_{10}H_9Br_2NO_2S$
FW 367.06

1-Iodo-5-dodecyl-4H-thieno[3,4-c]pyrrole-5,6(5H)-dione

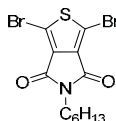
CAT# IN1612



CAS#
Formula $C_{18}H_{26}INO_2S$
FW 447.37

1,3-Dibromo-5-hexyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione

CAT# IN1616



CAS# [566939-56-8]
Formula $C_{15}H_{17}Br_2FO_2S_2$
FW 472.23

1,3-Dibromo-5-heptyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione

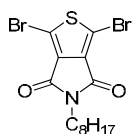
CAT# IN1615



CAS# [1427705-63-2]
Formula $C_{13}H_{15}Br_2NO_2S$
FW 409.14

1,3-Dibromo-5-octyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione

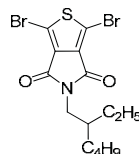
CAT# IN1053



CAS# [566939-58-0]
Formula $C_{14}H_{17}Br_2NO_2S$
FW 423.16

1,3-Dibromo-5-(2-ethylhexyl)-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione

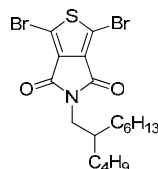
CAT# IN1095



CAS# [1231160-83-0]
Formula $C_{14}H_{17}Br_2NO_2S$
FW 423.16

1,3-Dibromo-5-(2-butyloctyl)-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione

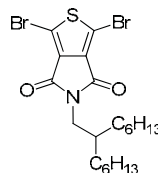
CAT# IN1614



CAS# [1262241-50-8]
Formula $C_{18}H_{25}Br_2NO_2S$
FW 479.27

1,3-Dibromo-5-(2-hexyloctyl)-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione

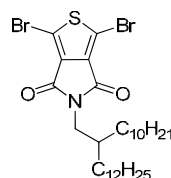
CAT# IN1617



CAS#
Formula $C_{20}H_{29}Br_2NO_2S$
FW 507.32

1,3-Dibromo-5-(2-decyltetradecyl)-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione

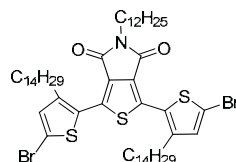
CAT# IN1096



CAS#
Formula $C_{30}H_{49}Br_2NO_2S$
FW 647.59

1,3-Bis(5-bromo-3-tetradecylthiophen-2-yl)-5-dodecyl-4H-thieno[3,4-c]pyrrole-4,6(5H)-dione

CAT# IN1208



CAS#
Formula $C_{54}H_{85}Br_2NO_2S_3$
FW 1036.26

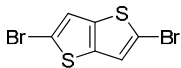
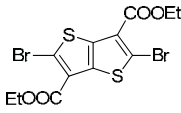
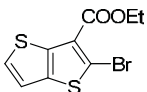
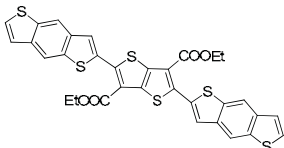
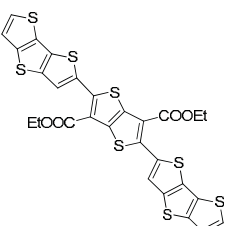
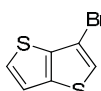
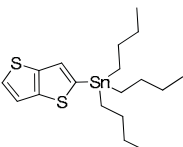
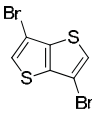
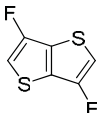
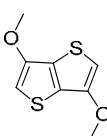
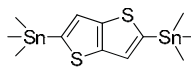
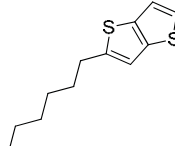
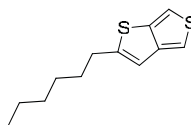
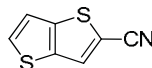
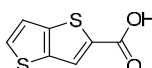
Monomer-Thienothiophene (TT) Series

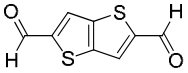
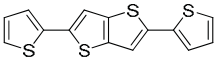
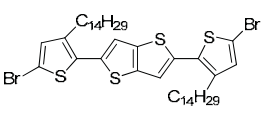
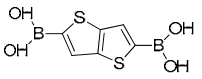
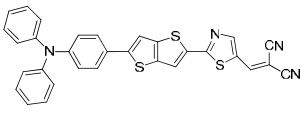
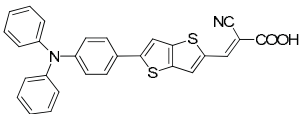
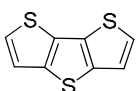
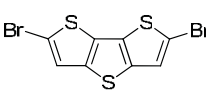
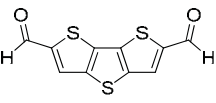
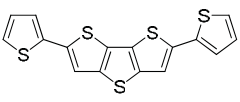
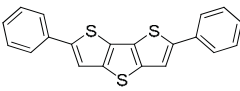
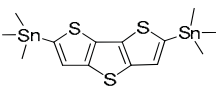
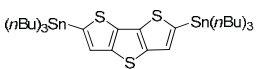
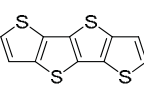
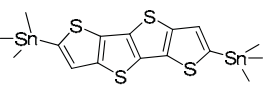
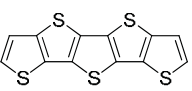
Thieno[3,2-b]thiophene

CAT# IN1102



CAS# [251-41-2]
Formula $C_6H_4S_2$
FW 140.23

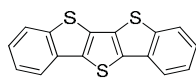
2,5-Dibromothieno[3,2-b]thiophene		CAT# IN1103	
	CAS#	[25121-87-3]	
	Formula	C ₆ H ₂ Br ₂ S ₂	
	FW	298.02	
Diethyl 2,5-dibromothieno[3,2-b]thiophene-3,6-dicarboxylate		CAT# IN1821	
	CAS#	[1800376-55-9]	
	Formula	C ₁₂ H ₁₀ Br ₂ O ₄ S ₂	
	FW	442.14	
Ethyl 2-bromothieno[3,2-b]thiophene-3-carboxylate		CAT# IN1828	
	CAS#	[2055722-78-4]	
	Formula	C ₉ H ₇ BrO ₂ S ₂	
	FW	291.18	
Diethyl 2,5-bis(benzo[1,2-b:4,5-b']dithiophen-2-yl)thieno[3,2-b]thiophene-3,6-dicarboxylate		CAT# IN1822	
	CAS#	/	
	Formula	C ₃₂ H ₂₀ O ₄ S ₆	
	FW	660.89	
Diethyl 2,5-bis(dithieno[3,2-b:2',3'-d]thiophen-2-yl)thieno[3,2-b]thiophene-3,6-dicarboxylate		CAT# IN1817	
	CAS#	/	
	Formula	C ₂₈ H ₁₆ O ₄ S ₈	
	FW	672.94	
3-Bromothieno[3,2-b]thiophene		CAT# IN1720	
	CAS#	[25121-83-9]	
	Formula	C ₆ H ₃ BrS ₂	
	FW	219.12	
Tributyl(thieno[3,2-b]thiophen-2-yl)stannane		CAT# IN1502	
	CAS#	[160032-41-7]	
	Formula	C ₁₈ H ₃₀ S ₂ Sn	
	FW	429.27	
3,6-Dibromothieno[3,2-b]thiophene		CAT# IN1100	
	CAS#	[392662-65-6]	
	Formula	C ₆ H ₂ Br ₂ S ₂	
	FW	298.02	
3,6-Difluorothieno[3,2-b]thiophene		CAT# IN1700	
	CAS#	/	
	Formula	C ₆ H ₂ F ₂ S ₂	
	FW	176.21	
3,6-Dimethoxythieno[3,2-b]thiophene		CAT# IN1702	
	CAS#	[850233-79-3]	
	Formula	C ₈ H ₆ O ₂ S ₂	
	FW	200.28	
2,5-Bis(trimethylstannyl)thieno[3,2-b]thiophene		CAT# IN1104	
	CAS#	[469912-82-1]	
	Formula	C ₁₂ H ₂₀ Sn ₂ S ₂	
	FW	465.84	
2-Hexylthieno[3,2-b]thiophene		CAT# IN1302	
	CAS#	[944826-48-6]	
	Formula	C ₁₂ H ₁₆ S ₂	
	FW	224.39	
2-Hexylthieno[3,4-b]thiophene		CAT# IN1311	
	CAS#	[1202695-55-3]	
	Formula	C ₁₂ H ₁₆ S ₂	
	FW	224.39	
Thieno[3,2-b]thiophene-2-carbonitrile		CAT# IN1087	
	CAS#	[40985-58-8]	
	Formula	C ₇ H ₃ NS ₂	
	FW	165.24	
Thieno[3,2-b]thiophene-2-carboxylic acid		CAT# IN1108	
	CAS#	[1723-27-9]	
	Formula	C ₇ H ₄ O ₂ S ₂	
	FW	184.24	

Thieno[3,2- <i>b</i>]thiophene-2,5-dicarbaldehyde		CAT# IN1109	
	CAS# [37882-75-0] Formula C ₈ H ₄ O ₂ S ₂ FW 196.25		
2,5-Di(thiophen-2-yl)thieno[3,2- <i>b</i>]thiophene		CAT# IN1105	
	CAS# [21210-90-2] Formula C ₁₄ H ₈ S ₄ FW 304.47		
2,5-Bis(5-bromo-3-tetradecylthiophen-2-yl)thieno[3,2- <i>b</i>]thiophene		CAT# IN1275	
	CAS# [1246521-88-9] Formula C ₄₂ H ₆₂ Br ₂ S ₄ FW 855.01		
Thieno[3,2- <i>b</i>]thiophene-2,5-diylboronic acid		CAT# IN1742	
	CAS# Formula C ₆ H ₆ B ₂ O ₄ S ₂ FW 227.86		
2-((2-(5-(4-(Diphenylamino)phenyl)thieno[3,2- <i>b</i>]thiophen-2-yl)thiazol-5-yl)methylene)malononitrile		CAT# IN1743	
	CAS# [1610050-61-7] Formula C ₃₁ H ₁₈ N ₄ S ₃ FW 542.70		
(E)-2-cyano-3-(5-(4-(diphenylamino)phenyl)thieno[3,2- <i>b</i>]thiophen-2-yl)acrylic acid		CAT# IN1744	
	CAS# [1092363-69-3] Formula C ₂₈ H ₁₈ N ₂ O ₂ S ₂ FW 478.58		
Monomer-Dithienothiophene (DTT) Series			
Dithieno[3,2- <i>b</i> :2',3'- <i>d'</i>]thiophene		CAT# OC1018	
	CAS# [3593-75-7] Formula C ₈ H ₄ S ₃ FW 196.31		
2,6-Dibromo-dithieno[3,2- <i>b</i> :2',3'- <i>d'</i>]thiophene		CAT# IN1068	
	CAS# [67061-69-2] Formula C ₈ H ₂ Br ₂ S ₃ FW 354.10		
Dithieno[3,2- <i>b</i> :2',3'- <i>d'</i>]thiophene-2,6-dicarbaldehyde		CAT# IN1117	
	CAS# [67061-73-8] Formula C ₁₀ H ₄ O ₂ S ₃ FW 252.33		
2,6-Dithiophen-2-yl-dithieno[3,2- <i>b</i> :2',3'- <i>d'</i>]thiophene		CAT# IN1115	
	CAS# [910788-24-8] Formula C ₁₆ H ₈ S ₅ FW 360.56		
2,6-Diphenyldithieno[3,2- <i>b</i> :2',3'- <i>d'</i>]thiophene		CAT# IN1116	
	CAS# [881838-94-4] Formula C ₂₀ H ₁₂ S ₃ FW 348.50		
2,6-Bis(trimethyltin)-dithieno[3,2- <i>b</i> :2',3'- <i>d'</i>]thiophene		CAT# IN1118	
	CAS# [502764-57-0] Formula C ₁₄ H ₂₀ S ₃ Sn ₂ FW 521.92		
2,6-Bis(tributylstannyl)dithieno[3,2- <i>b</i> :2',3'- <i>d'</i>]thiophene		CAT# IN1586	
	CAS# [944257-56-1] Formula C ₃₂ H ₅₆ S ₃ Sn ₂ FW 774.40		
Monomer-TTTT Series			
Thieno[2',3':4,5]thieno[3,2- <i>b</i>]thieno[2,3- <i>d</i>]thiophene		CAT# IN1183	
	CAS# [124796-78-7] Formula C ₁₀ H ₄ S ₄ FW 252.40		
2,6-Bis(trimethylstannyl)thieno[2',3':4,5]thieno[3,2- <i>b</i>]thieno[2,3- <i>d</i>]thiophene		CAT# IN1588	
	CAS# [1372553-45-1] Formula C ₁₆ H ₂₀ S ₄ Sn ₂ FW 578.01		
Thieno[2',3':4,5]thieno[3,2- <i>b</i>]thieno[2',3':4,5]thieno[2,3- <i>d</i>]thiophene		CAT# IN1120	
	CAS# [124796-79-8] Formula C ₁₂ H ₄ S ₅ FW 308.49		

Monomer-DBTDT Series

Dibenzo[*d,d'*]thieno[3,2-*b*;4,5-*b'*]dithiophene

CAT# IN1119

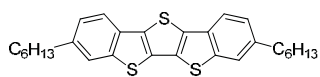


CAS# [241-13-4]
Formula C₁₆H₈S₃
FW 296.43

3,8-Dihexyl-thieno[3,2-*b*;4,5-*b'*]bis[1]benzothiophene

C6-DBTDT

CAT# IN1619

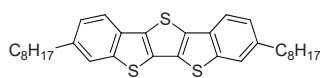


CAS#
Formula C₂₈H₃₂S₃
FW 464.75

3,8-Dioctyl-thieno[3,2-*b*;4,5-*b'*]bis[1]benzothiophene

C8-DBTDT

CAT# IN1159



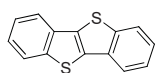
CAS# [1355015-99-4]
Formula C₃₂H₄₀S₃
FW 520.86

Monomer-BTBT Series

Benzo[*b*]benzo[4,5]thieno[2,3-*d*]thiophene

BTBT

CAT# IN1145

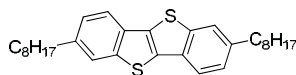


CAS# [248-70-4]
Formula C₁₄H₈S₂
FW 240.34

2,7-Dioctyl[1]benzothieno[3,2-*b*][1]benzothiophene

C8-BTBT

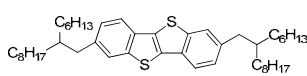
CAT# IN1106



CAS# [583050-70-8]
Formula C₃₀H₄₀S₂
FW 464.77

2,7-Bis(2-hexyldecyl)benzo[*b*]benzo[4,5]thieno[2,3-*d*]thiophene

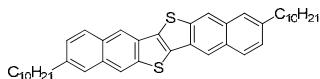
CAT# IN1166



CAS# /
Formula C₄₆H₇₂S₂
FW 689.19

2,9-Didecylindaphtho[2,3-*b*:2',3'-*f'*]thieno[3,2-*b*]thiophene

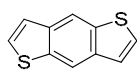
CAT# IN1107



CAS#
Formula C₄₂H₅₂S₂
FW 620.99

Benzo[1,2-*b*:4,5-*b'*]dithiophene

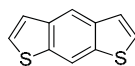
CAT# IN1601



CAS# [267-65-2]
Formula C₁₀H₆S₂
FW 190.28

Benzo[1,2-*b*:5,4-*b'*]dithiophene

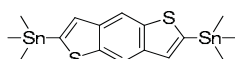
CAT# IN1604



CAS# [267-61-8]
Formula C₁₀H₆S₂
FW 190.28

2,6-Bis(trimethylstannyl)benzo[1,2-*b*:4,5-*b'*]dithiophene

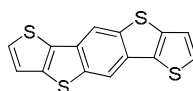
CAT# IN1101



CAS# [1242077-07-1]
Formula C₁₆H₂₂S₂Sn₂
FW 515.90

Dithieno[2,3-*d*:2',3'-*d'*]benzo[1,2-*b*:4,5-*b'*]dithiophene

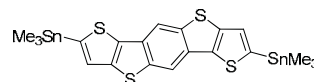
CAT# IN1608



CAS# [942578-58-7]
Formula C₁₄H₆S₄
FW 302.46

2,6-Bis(trimethylstannyl)dithieno[2,3-*d*:2',3'-*d'*]benzo[1,2-*b*:4,5-*b'*]dithiophene

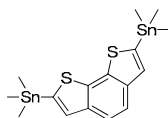
CAT# IN1609



CAS# /
Formula C₂₀H₂₂S₄Sn₂
FW 628.07

2,7-Bis(trimethylstannyl)benzo[1,2-*b*:6,5-*b'*]dithiophene

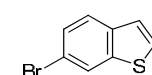
CAT# IN1099



CAS#
Formula C₁₆H₂₂S₂Sn₂
FW 515.90

6-Bromobenzo[*b*]thiophene

CAT# IN1018

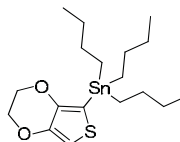


CAS# [17347-32-9]
Formula C₈H₅BrS
FW 213.09

Monomer-EDOT Series

Tributyl(2,3-dihydrothieno[3,4-*b*][1,4]dioxin-5-yl)stannane

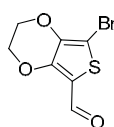
CAT# IN1110



CAS# [175922-79-9]
Formula C₁₈H₃₂O₂SSn
FW 431.22

7-Bromo-2,3-dihydrothieno[3,4-*b*][1,4]dioxine-5-carbaldehyde

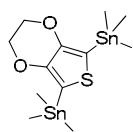
CAT# IN1910



CAS# [852054-42-3]
Formula C₇H₅BrO₃S
FW 249.08

5,7-Bis(trimethylstannyl)-2,3-dihydrothieno[3,4-b][1,4]dioxine

CAT# IN1919

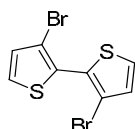


CAS# [459409-70-2]
Formula $C_{12}H_{22}O_2SSn_2$
FW 467.79

Monomer-Bithiophene Series

3,3'-Dibromo-2,2'-bithiophene

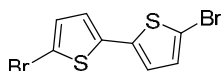
CAT# IN1025



CAS# [51751-44-1]
Formula $C_8H_2Br_2S_2$
FW 324.05

5,5'-Dibromo-2,2'-bithiophene

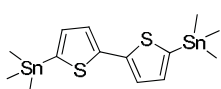
CAT# IN1547



CAS# [4805-22-5]
Formula $C_8H_4Br_2S_2$
FW 324.06

5,5'-Bis(trimethylstannyl)-2,2'-bithiophene

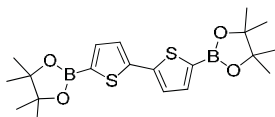
CAT# IN1207



CAS# [143367-56-0]
Formula $C_{14}H_{22}S_2Sn_2$
FW 491.87

5,5'-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2,2'-bithiophene

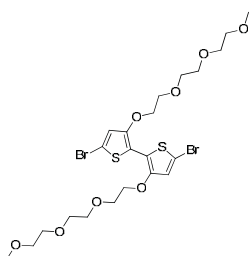
CAT# IN1296



CAS# [239075-02-6]
Formula $C_{20}H_{28}B_2O_4S_2$
FW 418.19

5,5'-Dibromo-3,3'-bis(2-(2-(2-methoxyethoxy)ethoxy)ethoxy)-2,2'-bithiophene

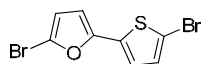
CAT# IN1273



CAS# [1974310-58-1]
Formula $C_{22}H_{32}Br_2O_6S_2$
FW 648.42

2-Bromo-5-(5-bromothiophen-2-yl)furan

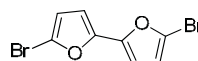
CAT# IN1531



CAS#
Formula $C_8H_4Br_2OS$
FW 307.99

5,5'-Dibromo-2,2'-bifuran

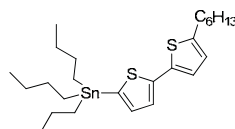
CAT# IN1533



CAS#
Formula $C_8H_4Br_2O_2$
FW 291.92

Tributyl(5'-hexyl-[2,2'-bithiophen]-5-yl)stannane

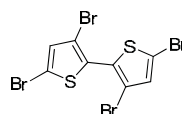
CAT# IN1297



CAS# [211737-37-0]
Formula $C_{28}H_{44}S_2Sn$
FW 539.47

3,3',5,5'-Tetrabromo-2,2'-bithiophene

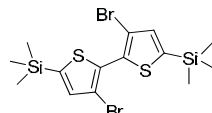
CAT# IN1024



CAS# [125143-53-5]
Formula $C_8H_2Br_4S_2$
FW 481.85

3,3'-Dibromo-5,5'-bis(trimethylsilyl)-2,2'-bithiophene

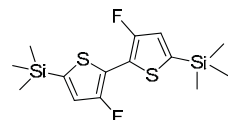
CAT# IN1013



CAS# [207742-50-5]
Formula $C_{14}H_{20}Br_2S_2Si_2$
FW 468.42

(3,3'-Difluoro-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylsilane)

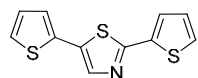
CAT# IN1153



CAS# [1619967-07-5]
Formula $C_{14}H_{20}F_2S_2Si_2$
FW 346.61

2,5-Di(thiophen-2-yl)thiazole

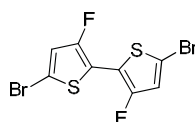
CAT# IN1304



CAS# [54987-01-8]
Formula $C_{11}H_7NS_3$
FW 249.37

5,5'-Dibromo-3,3'-difluoro-2,2'-bithiophene

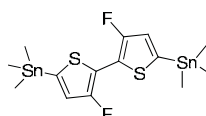
CAT# IN1163



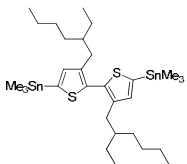
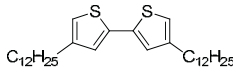
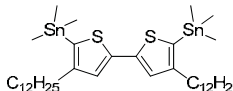
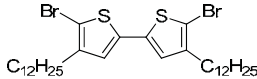
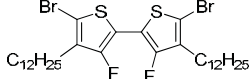
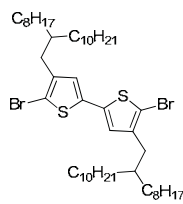
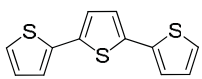
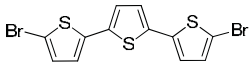
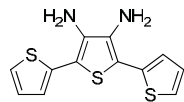
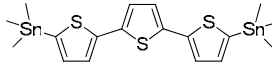
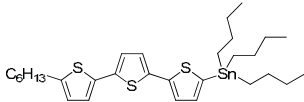
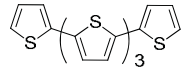
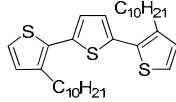
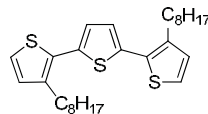
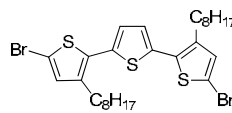
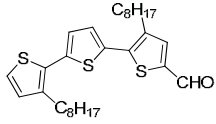
CAS# [1619967-08-6]
Formula $C_8H_2Br_2F_2S_2$
FW 360.04

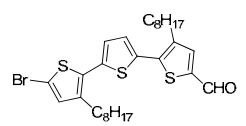
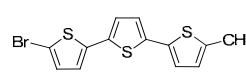
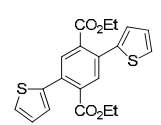
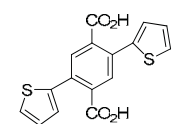
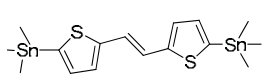
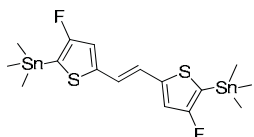
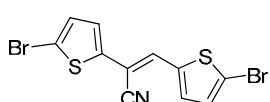
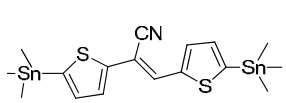
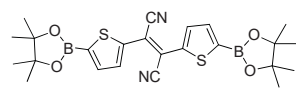
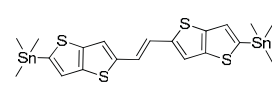
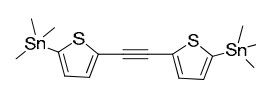
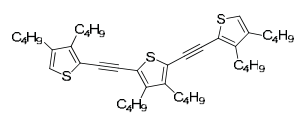
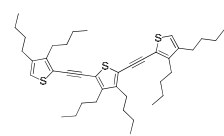
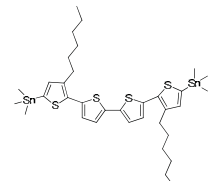
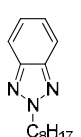
(3,3'-Difluoro-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylstannane)

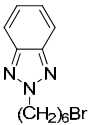
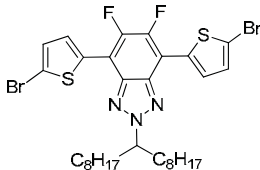
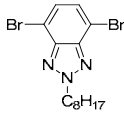
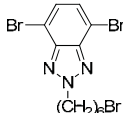
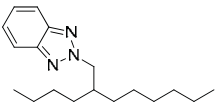
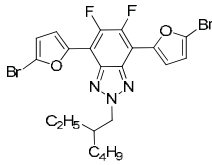
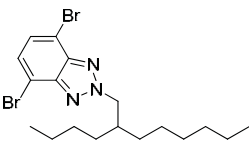
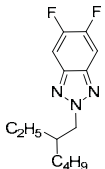
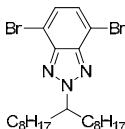
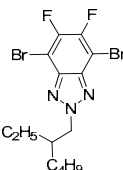
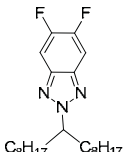
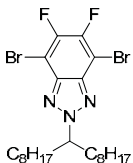
CAT# IN1064



CAS# [1619967-09-7]
Formula $C_{14}H_{20}F_2S_2Sn_2$
FW 527.86

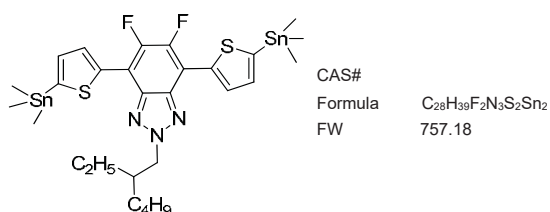
(3,3'-Bis(2-ethylhexyl)-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylstannane)		CAT# IN1513
	CAS# Formula FW	 C ₃₀ H ₅₄ S ₂ Sn ₂ 716.30
4,4'-Didodecyl-2,2'-bithiophene		CAT# IN1515
	CAS# Formula FW	 C ₃₂ H ₅₄ S ₂ 502.90
(4,4'-Didodecyl-[2,2'-bithiophene]-5,5'-diyl)bis(trimethylstannane)		CAT# IN1516
	CAS# Formula FW	 [1007347-63-8] C ₃₈ H ₇₀ S ₂ Sn ₂ 828.51
5,5'-Dibromo-4,4'-didodecyl-2,2'-bithiophene		CAT# IN1517
	CAS# Formula FW	 [753470-95-0] C ₃₂ H ₅₂ Br ₂ S ₂ 660.69
5,5'-Dibromo-4,4'-didodecyl-3,3'-difluoro-2,2'-bithiophene		CAT# IN1518
	CAS# Formula FW	 / C ₃₂ H ₅₀ Br ₂ F ₂ S ₂ 696.67
5,5'-Dibromo-4,4'-bis(2-octyldodecyl)-2,2'-bithiophene		CAT# IN1519
	CAS# Formula FW	 / C ₄₈ H ₈₄ Br ₂ S ₂ 885.12
2,5-Di(2-thienyl)thiophene		CAT# IN1204
	CAS# Formula FW	 [1081-34-1] C ₁₂ H ₆ S ₃ 248.38
5,5'-Dibromo-2,2':5',2''-terthiophene		CAT# IN1294
	CAS# Formula FW	 [98057-08-0] C ₁₂ H ₆ Br ₂ S ₃ 406.18
2,5-Bis(2-thienyl)-3,4-diaminothiophene		CAT# IN1205
	CAS# Formula FW	 [185691-91-2] C ₁₂ H ₁₀ N ₂ S ₃ 278.42
2,5-Bis[(5-trimethylstannyl)-2-thienyl]thiophene		CAT# IN1206
	CAS# Formula FW	 [178931-63-0] C ₁₈ H ₂₄ S ₃ Sn ₂ 574.00
Tributyl(5''-hexyl-[2,2':5',2''-terthiophen]-5-yl)stannane		CAT# IN1501
	CAS# Formula FW	 [211737-41-6] C ₃₀ H ₄₆ S ₃ Sn 621.59
2,2':5',2'':5'',2''':5''',2''''-Quinquethiophene		CAT# IN1200
	CAS# Formula FW	 [5660-45-7] C ₂₀ H ₁₂ S ₅ 412.63
3,3''-Didecyl-2,2':5',2''-terthiophene		CAT# IN1498
	CAS# Formula FW	 C ₃₂ H ₄₆ S ₃ 528.92
3,3''-Dioctyl-2,2':5',2''-terthiophene		CAT# IN1499
	CAS# Formula FW	 [155166-89-5] C ₂₈ H ₄₀ S ₃ 472.81
5,5'-Dibromo-3,3''-dioctyl-2,2':5',2''-terthiophene		CAT# IN1500
	CAS# Formula FW	 [185350-30-5] C ₂₈ H ₃₈ Br ₂ S ₃ 630.60
3,3''-Dioctyl-[2,2':5',2''-terthiophene]-5-carbaldehyde		CAT# IN1504
	CAS# Formula FW	 C ₂₉ H ₄₀ OS ₃ 500.82

5''-Bromo-3,3''-dioctyl-[2,2':5',2''-terthiophene]-5-carbaldehyde CAT# IN1505		CAS# [1342311-48-1] Formula $C_{29}H_{39}BrOS_3$ FW 579.72
5''-Bromo-[2,2':5',2''-terthiophene]-5-carbaldehyde CAT# IN1520		CAS# Formula $C_{13}H_7BrOS_3$ FW 355.29
Diethyl 2,5-di(thiophen-2-yl)terephthalate CAT# IN1317		CAS# [915224-39-4] Formula $C_{20}H_{18}O_4S_2$ FW 386.48
2,5- Di(thiophen-2-yl)terephthalic acid CAT# IN1310		CAS# Formula $C_{16}H_{10}O_4S_2$ FW 330.38
(E)-1,2-Bis(5-(trimethylstannyl)thiophen-2-yl)ethene CAT# IN1450		CAS# [477789-30-3] Formula $C_{16}H_{24}S_2Sn_2$ FW 517.91
(E)-1,2-bis(4-fluoro-5-(trimethylstannyl)thiophen-2-yl)ethene CAT# IN1445		CAS# [2205860-41-7] Formula $C_{16}H_{22}F_2S_2Sn_2$ FW 553.89
(E)-2,3-bis(5-bromothiophen-2-yl)acrylonitrile CAT# IN1579		CAS# [439588-79-1] Formula $C_{11}H_5Br_2NS_2$ FW 375.10
(E)-2,3-bis(5-(trimethylstannyl)thiophen-2-yl)acrylonitrile CAT# IN1457		CAS# [1610057-05-0] Formula $C_{17}H_{23}NS_2Sn_2$ FW 542.92
2,3-bis(5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl)fu maronitrile CAT# IN1459		CAS# Formula $C_{24}H_{28}B_2N_2O_4S_2$ FW 494.24
(E)-1,2-bis(5-(trimethylstannyl)thieno[3,2-b]thiophen-2-yl)ethene CAT# IN1455		CAS# Formula $C_{20}H_{24}S_4Sn_2$ FW 630.08
1,2-Bis(5-(trimethylstannyl)thiophen-2-yl)ethyne CAT# IN1861		CAS# [1610057-24-3] Formula $C_{16}H_{22}S_2Sn_2$ FW 515.90
2,2'-(3,4-Dibutylthiophene-2,5-diyl)bis(ethyne-2,1-diyl)bis(3,4-dibutylt hiophene) CAT# IN1476		CAS# Formula $C_{40}H_{56}S_3$ FW 633.07
2,2'-(3,4-Dibutylthiophene-2,5-diyl)bis(ethyne-2,1-diyl)bis(3,4-dibutylt hiophene) CAT# IN1476		CAS# Formula $C_{40}H_{56}S_3$ FW 633.07
(3,3'''-Dihexyl-[2,2':5',2'':5'',2'''-quaterthiophene]-5,5'''-diyl)bis(trimeth ylstannane) CAT# IN1514		CAS# Formula $C_{34}H_{56}S_4Sn_2$ FW 824.44
Monomer-Triazole and Tetrazine Series		
2-Octyl-1,2,3-benzotriazole CAT# IN1027		CAS# [112642-69-0] Formula $C_{14}H_{21}N_3$ FW 231.34

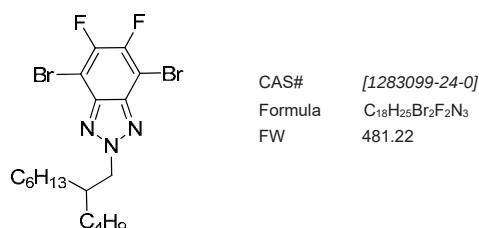
2-(6-Bromoethyl)benzotriazole CAT# IN1032	4,7-Bis(5-bromothiophen-2-yl)-5,6-difluoro-2-(heptadecan-9-yl)-2H-benzo[d][1,2,3]triazole CAT# IN1648
 CAS# [890704-00-4] Formula C₁₂H₁₆BrN₃ FW 282.18	 CAS# [1616860-72-0] Formula C₃₁H₃₉Br₂F₂N₃S₂ FW 715.60
4,7-Dibromo-2-octyl-1,2,3-benzotriazole CAT# IN1026	2-(6-Bromoethyl)-4,7-dibromobenzotriazole CAT# IN1033
 CAS# [960509-83-5] Formula C₁₄H₁₉Br₂N₃ FW 389.13	 CAS# [890704-02-6] Formula C₁₂H₁₄Br₃N₃ FW 439.97
2-(2-Butyloctyl)-benzotriazole CAT# IN1641	4,7-Bis(5-bromofuran-2-yl)-2-(2-ethylhexyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole CAT# IN1392
 CAS# [1329120-89-9] Formula C₁₈H₂₉N₃ FW 287.44	 CAS# [2211181-64-3] Formula C₂₂H₂₁Br₂F₂N₃O₂ FW 557.23
4,7-Dibromo-2-(2-butyloctyl)-2H-benzo[d][1,2,3]triazole CAT# IN1642	2-(2-Ethylhexyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole CAT# IN1371
 CAS# [1329120-89-9] Formula C₁₈H₂₇Br₂N₃ FW 445.24	 CAS# [2211181-64-3] Formula C₁₄H₁₉F₂N₃ FW 267.32
4,7-Dibromo-2-(heptadecan-9-yl)-2H-benzo[1,2,3]triazole CAT# IN1645	4,7-Dibromo-2-(2-ethylhexyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole CAT# IN1385
 CAS# [1312118-15-2] Formula C₂₃H₃₇Br₂N₃ FW 515.37	 CAS# [1916476-35-1] Formula C₁₄H₁₇Br₂F₂N₃ FW 425.11
5,6-Difluoro-2-(heptadecan-9-yl)-2H-benzo[d][1,2,3]triazole CAT# IN1315	4,7-Bis(5-bromothiophen-2-yl)-2-(2-ethylhexyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole CAT# IN1393
 CAS# [2211181-64-3] Formula C₂₃H₃₇F₂N₃ FW 393.56	 CAS# [1476807-53-0] Formula C₂₂H₂₁Br₂F₂N₃S₂ FW 589.36
4,7-Dibromo-5,6-difluoro-2-(heptadecan-9-yl)-2H-benzo[d][1,2,3]triazole CAT# IN1646	
 CAS# [1616860-69-5] Formula C₂₃H₃₅Br₂F₂N₃ FW 551.35	

2-(2-Ethylhexyl)-5,6-difluoro-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)-2H-benzo[d][1,2,3]triazole

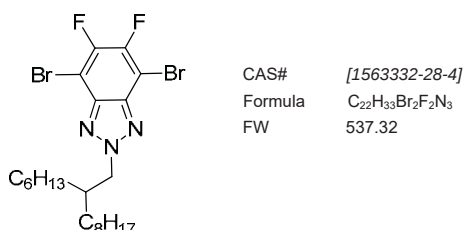
CAT# IN1394


4,7-Dibromo-2-(2-butyloctyl)-5,6-difluoro-2H-benzo[d][1,2,3]triazole

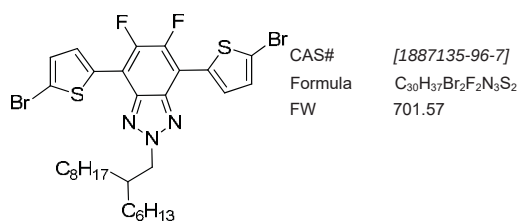
CAT# IN1386


4,7-Dibromo-5,6-difluoro-2-(2-hexyldecyl)-2H-benzo[d][1,2,3]triazole

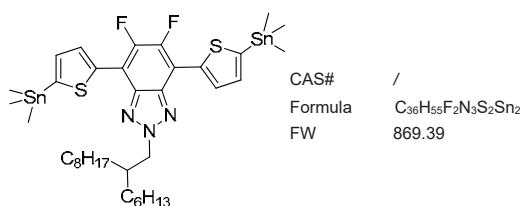
CAT# IN1399


4,7-Bis(5-bromothiophen-2-yl)-5,6-difluoro-2-(2-hexyldecyl)-2H-benzo[d][1,2,3]triazole

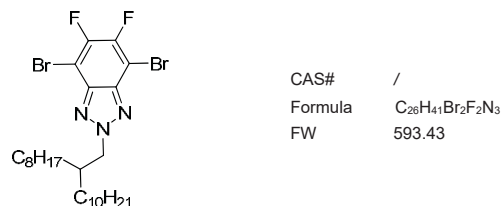
CAT# IN1409


5,6-Difluoro-2-(2-hexyldecyl)-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)-2H-benzo[d][1,2,3]triazole

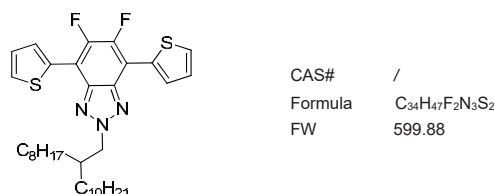
CAT# IN1420


4,7-Dibromo-5,6-difluoro-2-(2-octyldodecyl)-2H-benzo[d][1,2,3]triazole

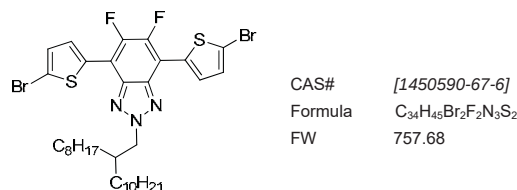
CAT# IN1626


5,6-Difluoro-2-(2-octyldodecyl)-4,7-di(thiophen-2-yl)-2H-benzo[d][1,2,3]triazole

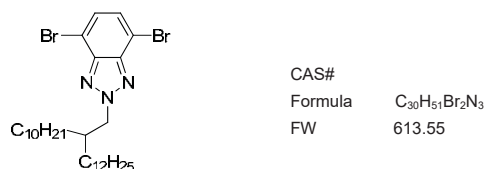
CAT# IN1416


4,7-Bis(5-bromothiophen-2-yl)-5,6-difluoro-2-(2-octyldodecyl)-2H-benzo[d][1,2,3]triazole

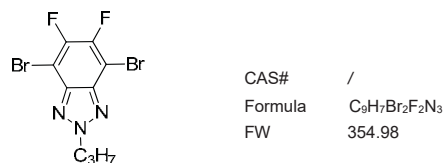
CAT# IN1607


4,7-Dibromo-2-(2-decyltetradecyl)-2H-benzo[d][1,2,3]triazole

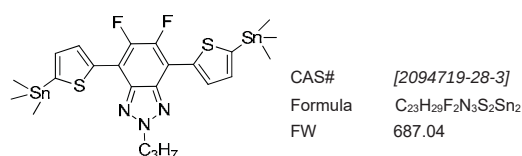
CAT# IN1638

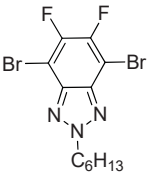
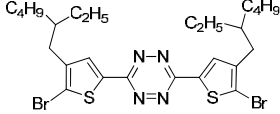
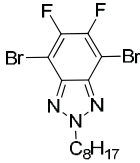
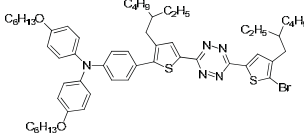
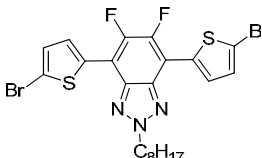
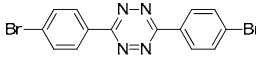
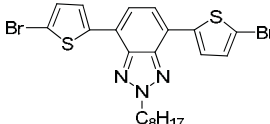
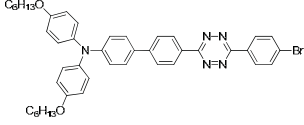
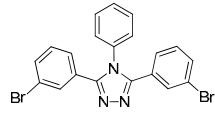
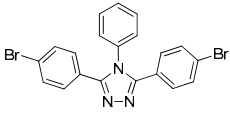
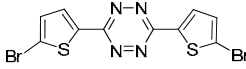
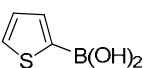
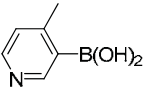
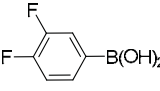
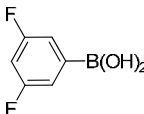

4,7-Dibromo-5,6-difluoro-2-propyl-2H-benzo[d][1,2,3]triazole

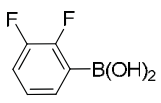
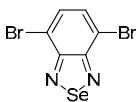
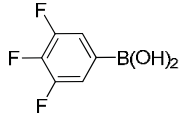
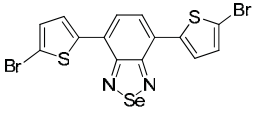
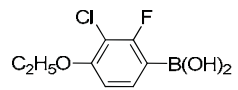
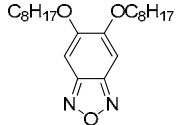
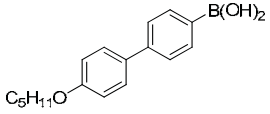
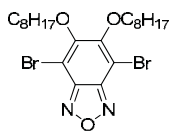
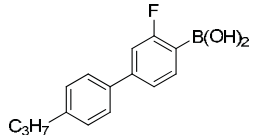
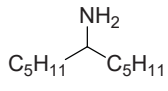
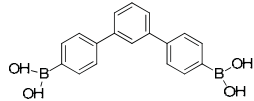
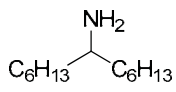
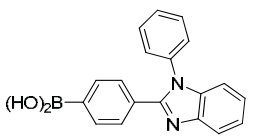
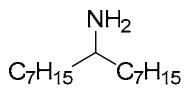
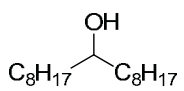
CAT# IN1397

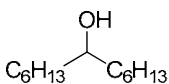
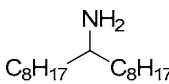
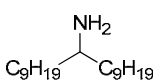
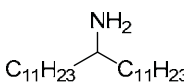
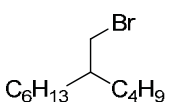
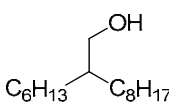
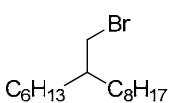
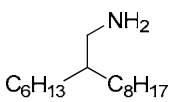
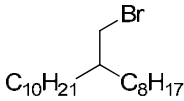

5,6-Difluoro-2-propyl-4,7-bis(5-(trimethylstannyl)thiophen-2-yl)-2H-benzo[d][1,2,3]triazole

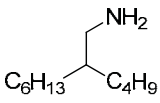
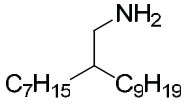
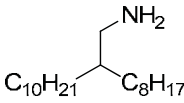
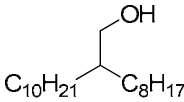
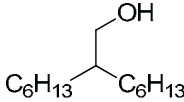
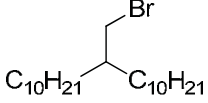
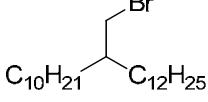
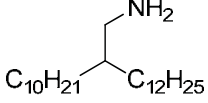
CAT# IN1528

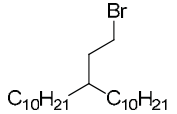
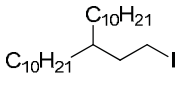
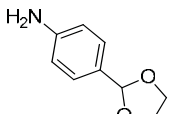
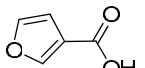
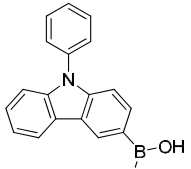
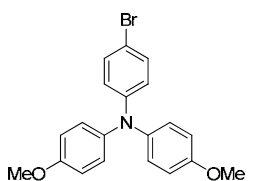
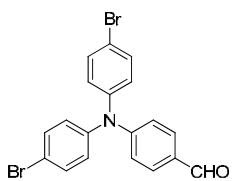
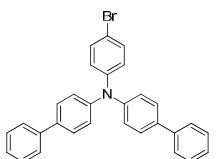
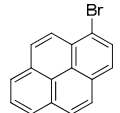
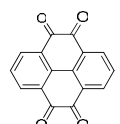
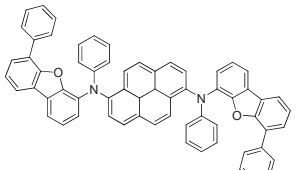
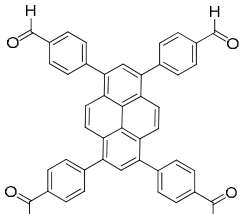
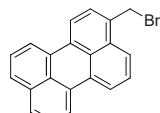
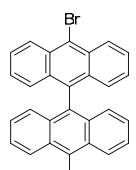


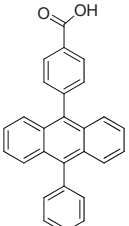
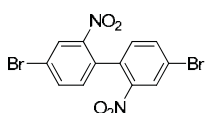
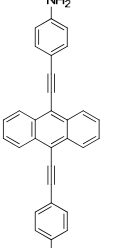
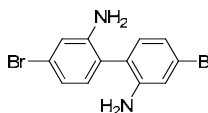
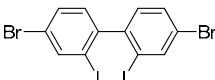
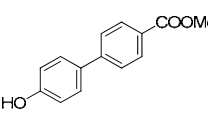
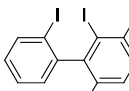
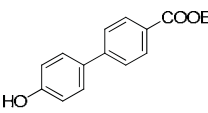
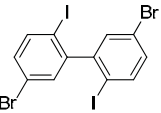
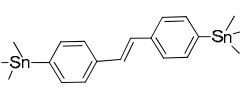
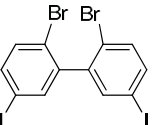
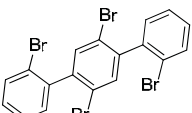
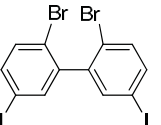
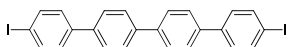
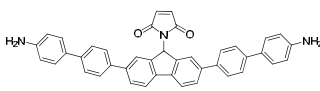
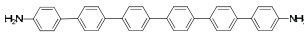
4,7-Dibromo-5,6-difluoro-2-hexyl-2H-benzo[d][1,2,3]triazole CAT# IN1398	 CAS# [1438278-03-5] Formula C₁₂H₁₃Br₂F₂N₃ FW 397.06	3,6-Bis(5-bromo-4-(2-ethylhexyl)thiophen-2-yl)-1,2,4,5-tetrazine CAT# IN1372	 CAS# [1260224-09-6] Formula C₂₆H₃₆Br₂N₄S₂ FW 628.53
4,7-Dibromo-5,6-difluoro-2-octyl-2H-benzo[d][1,2,3]triazole CAT# IN1387	 CAS# [1393528-97-6] Formula C₁₄H₁₇Br₂F₂N₃ FW 425.11	4-(5-(6-(5-Bromo-4-(2-ethylhexyl)thiophen-2-yl)-1,2,4,5-tetrazin-3-yl)-3-(2-ethylhexyl)thiophen-2-yl)-N,N-bis(4-(hexyloxy)phenyl)aniline CAT# IN1373	 CAS# / Formula C₅₆H₇₄BrN₅O₂S₂ FW 993.25
4,7-Bis(5-bromothiophen-2-yl)-5,6-difluoro-2-octyl-2H-benzo[d][1,2,3]triazole CAT# IN1388	 CAS# [1393528-97-6] Formula C₂₂H₂₁Br₂F₂N₃S₂ FW 589.36	3,6-Bis(4-bromophenyl)-1,2,4,5-tetrazine CAT# IN1378	 CAS# [37932-46-0] Formula C₁₄H₈Br₂N₄ FW 392.05
2-Octyl-4,7-di(5-bromo-thiophen-2-yl)-2H-benzo[d][1,2,3]triazole CAT# IN1047	 CAS# [1254062-39-9] Formula C₂₂H₂₃Br₂N₃S₂ FW 553.38	4'-(6-(4-Bromophenyl)-1,2,4,5-tetrazin-3-yl)-N,N-bis(4-(hexyloxy)phenyl)-[1,1'-biphenyl]-4-amine CAT# IN1379	 CAS# / Formula C₄₄H₄₆BrN₅O₂ FW 756.77
3,5-Bis(3-bromophenyl)-4-phenyl-4H-1,2,4-triazole CAT# IN1066	 CAS# [1198843-27-4] Formula C₂₀H₁₃Br₂N₃ FW 455.15	Intermediates	
3,5-Bis(4-bromophenyl)-4-phenyl-4H-1,2,4-triazole CAT# IN1067	 CAS# [208124-25-8] Formula C₂₀H₁₃Br₂N₃ FW 455.15	Thiophen-2-ylboronic acid CAT# BA025	
3,6-Bis(5-bromothiophen-2-yl)-1,2,4,5-tetrazine CAT# IN1370	 CAS# [1198843-27-4] Formula C₁₀H₄Br₂N₄S₂ FW 404.10	 CAS# [6165-68-0] Formula C₄H₅BO₂S FW 127.96	4-Methylpyridine-3-boronic acid CAT# BA030
		 CAS# [148546-82-1] Formula C₆H₈BNO₂ FW 136.94	3,4-Difluorophenylboronic acid CAT# BA105
		 CAS# [168267-41-2] Formula C₆H₅BF₂O₂ FW 157.91	3,5-Difluorophenylboronic acid CAT# BA106
		 CAS# [156545-07-2] Formula C₆H₅BF₂O₂ FW 157.91	

2,3-Difluorophenylboronic acid CAT# BA107	4,7-Dibromo-2,1,3-benzoselenadiazole CAT# IN1030
 CAS# [121219-16-7] Formula $C_6H_5BF_2O_2$ FW 157.91	 CAS# [63224-42-0] Formula $C_6H_2Br_2N_2Se$ FW 340.86
3,4,5-Trifluorophenylboronic acid CAT# BA108	4,7-Bis(5-bromothiophen-2-yl)benzo[c][1,2,5]selenadiazole CAT# IN1031
 CAS# [143418-49-9] Formula $C_6H_3BF_3O_2$ FW 175.90	 CAS# [534591-72-5] Formula $C_{14}H_6Br_2N_2S_2Se$ FW 505.11
3-Chloro-4-ethoxy-2-fluorophenylboronic acid CAT# BA111	5,6-Bis(octyloxy)benzo[c][1,2,5]oxadiazole CAT# IN1042
 CAS# [909122-50-5] Formula $C_8H_9BClFO_3$ FW 218.42	 CAS# [1314801-34-7] Formula $C_{22}H_{38}N_2O_3$ FW 376.53
4'-(Pentyloxy)biphenyl-4-ylboronic acid CAT# BA115	4,7-Dibromo-5,6-bis(octyloxy)benzo-2,1,3-oxadiazole CAT# IN1043
 CAS# [158937-25-8] Formula $C_{17}H_{21}BO_3$ FW 284.16	 CAS# [1314801-35-8] Formula $C_{22}H_{34}Br_2N_2O_3$ FW 534.32
3-Fluoro-4'-propylbiphenyl-4-ylboronic acid CAT# BA118	Intermediates-Alkyl Chain Series
 CAS# [909709-42-8] Formula $C_{15}H_{16}FO_2$ FW 258.10	Undecan-6-amine CAT# IN1059
[1,1':3',1''-Terphenyl]-4,4''-diyl diboronic acid CAT# BA120	 CAS# [33788-00-0] Formula $C_{11}H_{25}N$ FW 171.32
 CAS# / Formula $C_{18}H_{16}B_2O_4$ FW 317.94	Tridecan-7-amine CAT# IN1826
4-(1-Phenyl-1H-benzo[d]imidazol-2-yl)phenylboronic acid CAT# BA122	 CAS# [22513-16-2] Formula $C_{13}H_{29}N$ FW 199.38
 CAS# [952514-79-3] Formula $C_{19}H_{15}BN_2O_2$ FW 314.15	Pentadecan-8-amine CAT# IN1827
	 CAS# [18618-64-9] Formula $C_{15}H_{33}N$ FW 227.43
	Heptadecan-9-ol CAT# IN1051
	 CAS# [624-08-8] Formula $C_{17}H_{36}O$ FW 256.47

7-Tridecanol			CAT# IN1851			
	CAS#	[927-45-7]	Formula	C ₁₃ H ₂₈ O	FW	200.36
Heptadecan-9-amine			CAT# IN1351			
	CAS#	[3241-20-1]	Formula	C ₁₇ H ₃₇ N	FW	255.48
Nonadecan-10-amine			CAT# IN1829			
	CAS#	[3241-23-4]	Formula	C ₁₉ H ₄₁ N	FW	283.54
Tricosan-12-amine			CAT# IN1890			
	CAS#	[22513-17-3]	Formula	C ₂₃ H ₄₉ N	FW	339.64
5-(Bromomethyl)undecane			CAT# IN1382			
	CAS#	[85531-02-8]	Formula	C ₁₂ H ₂₅ Br	FW	249.23
2-Hexyldecan-1-ol			CAT# IN1381			
	CAS#	[2425-77-6]	Formula	C ₁₆ H ₃₄ O	FW	242.44
7-(Bromomethyl)pentadecane			CAT# IN1383			
	CAS#	[52997-43-0]	Formula	C ₁₆ H ₃₃ Br	FW	305.34
2-Hexyldecan-1-amine			CAT# IN1352			
	CAS#	[62281-05-4]	Formula	C ₁₆ H ₃₅ N	FW	241.46
9-(Bromomethyl)nonadecane			CAT# IN1451			
	CAS#	[69620-20-8]	Formula	C ₂₀ H ₄₁ Br	FW	361.44

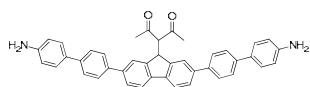
2-Butyloctan-1-amine			CAT# IN1452			
	CAS#	[217655-07-7]	Formula	C ₁₂ H ₂₇ N	FW	185.35
2-Heptylundecan-1-amine			CAT# IN1552			
	CAS#	[146408-34-6]	Formula	C ₁₈ H ₃₉ N	FW	269.51
2-Octyldodecan-1-amine			CAT# IN1049			
	CAS#	[62281-06-5]	Formula	C ₂₀ H ₄₃ N	FW	297.56
2-Octyldodecan-1-ol			CAT# IN1050			
	CAS#	[5333-42-6]	Formula	C ₂₀ H ₄₂ O	FW	298.55
2-Hexyloctan-1-ol			CAT# IN1836			
	CAS#	[19780-79-1]	Formula	C ₁₄ H ₃₀ O	FW	214.39
11-(Bromomethyl)henicosane			CAT# IN1057			
	CAS#	[1473452-21-9]	Formula	C ₂₂ H ₄₅ Br	FW	389.50
11-(Bromomethyl)tricosane			CAT# IN1148			
	CAS#	[732276-63-0]	Formula	C ₂₄ H ₄₉ Br	FW	417.55
2-Decyltetradecan-1-amine			CAT# IN1158			
	CAS#	[62281-07-6]	Formula	C ₂₄ H ₅₁ N	FW	353.67

11-(2-Bromoethyl)henicosane CAT# IN1058	 CAS# Formula FW C₂₃H₄₇Br C₂₃H₄₇Br 403.52
11-(2-Iodoethyl)henicosane CAT# OC1022	 CAS# Formula FW C₂₃H₄₇I C₂₃H₄₇I 450.52
4-(1,3-Dioxolan-2-yl)aniline CAT# OC1023	 CAS# Formula FW [19073-14-4] C₉H₁₁NO₂ 165.19
Furan-3-carboxylic acid CAT# OC1024	 CAS# Formula FW C₅H₄O₃ C₅H₄O₃ 112.08
9-Phenyl-9H-carbazol-3-ylboronic acid CAT# IN1065	 CAS# Formula FW [854952-58-2] C₁₈H₁₄BNO₂ 287.12
4-Bromo-N,N-bis(4-methoxyphenyl)aniline CAT# IN1377	 CAS# Formula FW [194416-45-0] C₂₀H₁₈BrNO₂ 384.27
4-[Bis-(4-bromophenyl)amino]benzaldehyde CAT# IN1044	 CAS# Formula FW [25069-38-9] C₁₉H₁₃Br₂NO 431.12
N-([1,1'-biphenyl]-4-yl)-N-(4-bromophenyl)-[1,1'-biphenyl]-4-amine CAT# IN1380	 CAS# Formula FW C₃₀H₂₂BrN C₃₀H₂₂BrN 476.41
1-Bromopyrene CAT# IN1080	 CAS# Formula FW [1714-29-0] C₁₆H₉Br 281.15
Pyrene-4,5,9,10-tetraone CAT# IN1670	 CAS# Formula FW [14727-71-0] C₁₆H₆O₄ 262.22
N',N'-diphenyl-N',N'-bis(6-phenyldibenzo[b,d]furan-4-yl)-3a',5a'-dihydropyrene-1,6-diamine CAT# IN1675	 CAS# Formula FW [1252914-65-0] C₆₄H₄₀N₂O₂ 871.03
4,4',4'',4'''-(Pyrene-1,3,6,8-tetrayl)tetrabenzaldehyde CAT# IN1674	 CAS# Formula FW [1415238-25-3] C₄₄H₂₆O₄ 618.67
1-Bromopyrene CAT# IN1081	 CAS# Formula FW C₂₁H₁₃Br C₂₁H₁₃Br 345.23
10,10'-Dibromo-9,9'-bianthryl CAT# IN1082	 CAS# Formula FW [121848-75-7] C₂₈H₁₆Br₂ 512.23

4-(10-Phenylanthracen-9-yl)benzoic acid  CAT# IN1282 CAS# [1877285-47-6] Formula C₂₇H₁₈O₂ FW 374.43	4,4'-Dibromo-2,2'-dinitrophenyl  CAT# IN1486 CAS# [91371-12-9] Formula C₁₂H₆Br₂N₂O₄ FW 345.98
4,4'-(Anthracene-9,10-diylbis(ethyne-2,1-diyl))dianiline AABA  CAT# IN1862 CAS# [1186580-77-7] Formula C₃₀H₂₀N₂ FW 408.49	4,4'-Dibromobiphenyl-2,2'-diamine  CAT# IN1487 CAS# [136630-36-9] Formula C₁₂H₁₀Br₂N₂ FW 342.03
4,4'-Dibromo-2,2'-diiodobiphenyl  CAT# IN1083 CAS# [852138-89-7] Formula C₁₂H₆Br₂I₂ FW 563.79	Methyl 4'-hydroxybiphenyl-4-carboxylate  CAT# IN1084 CAS# [40501-41-5] Formula C₁₄H₁₂O₃ FW 228.24
2,2'-Diiodo-3,6-dimethyl-1,1'-biphenyl  CAT# IN1077 CAS# [852138-89-7] Formula C₁₄H₁₂I₂ FW 434.05	Ethyl 4'-hydroxybiphenyl-4-carboxylate  CAT# IN1086 CAS# [50670-76-3] Formula C₁₅H₁₄O₃ FW 242.27
5,5'-Dibromo-2,2'-diiodobiphenyl  CAT# IN1483 CAS# [873792-52-0] Formula C₁₂H₆Br₂I₂ FW 563.79	(E)-1,2-bis(4-(trimethylstannyl)phenyl)ethene  CAT# IN1449 CAS# [50670-76-3] Formula C₂₀H₂₈Sn₂ FW 505.86
2,2'-Dibromo-5,5'-diiodobiphenyl  CAT# IN1484 CAS# [852139-02-7] Formula C₁₂H₆Br₂I₂ FW 563.79	2,2',2'',5'-Tetrabromo-1,1':4',1''-terphenyl  CAT# IN1715 CAS# [912922-58-8] Formula C₁₈H₁₀Br₄ FW 545.89
2,2'-Dibromo-4,4'-diiodobiphenyl  CAT# IN1485 CAS# [852138-93-3] Formula C₁₂H₆Br₂I₂ FW 563.79	4,4''''-Diiodo-[1,1';4'',1''';4''',1''''']quaterphenyl  CAT# IN1088 CAS# [1770-82-7] Formula C₂₄H₁₆I₂ FW 558.19
1-(2,7-Bis(4'-amino-[1,1'-biphenyl]-4-yl)-9H-fluoren-9-yl)-1H-pyrrole-2,5-dione  CAT# IN1687 CAS# [77496-07-2] Formula C₃₆H₂₈N₂ FW 488.62	[1,1':4'',1''':4''',1''''']-4,4''''-diamine  CAT# IN1688 CAS# [77496-07-2] Formula C₃₆H₂₈N₂ FW 488.62

3-(2,7-Bis(4'-amino-[1,1'-biphenyl]-4-yl)-9H-fluoren-9-yl)pentane-2,4-dione

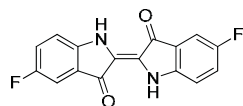
CAT# IN1689


 CAS#
 Formula C₄₂H₃₄N₂O₂
 FW 598.73

Monomer-Isoindigo (IID) Series

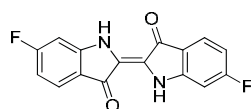
(E)-5,5'-difluoro-[2,2'-biindolinylidene]-3,3'-dione

CAT# IN1353


 CAS#
 Formula C₁₆H₈F₂N₂O₂
 FW 298.24

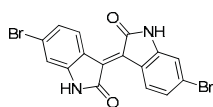
(E)-6,6'-difluoro-[2,2'-biindolinylidene]-3,3'-dione

CAT# IN1354


 CAS#
 Formula C₁₆H₈F₂N₂O₂
 FW 298.24

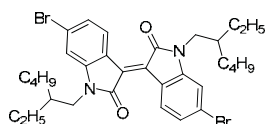
(E)-6,6'-dibromo-[3,3'-biindolinylidene]-2,2'-dione

CAT# IN1359


 CAS# [1147124-21-7]
 Formula C₁₆H₈Br₂N₂O₂
 FW 420.05

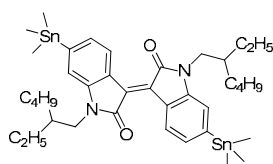
(E)-6,6'-dibromo-1,1'-bis(2-ethylhexyl)-[3,3'-biindolinylidene]-2,2'-dione

CAT# IN1360


 CAS# [1147124-23-9]
 Formula C₃₂H₄₀Br₂N₂O₂
 FW 644.48

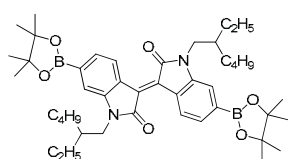
(E)-1,1'-bis(2-ethylhexyl)-6,6'-bis(trimethylstannyl)-[3,3'-biindolinylidene]-2,2'-dione

CAT# IN1362


 CAS#
 Formula C₃₈H₅₈N₂O₂Sn₂
 FW 812.30

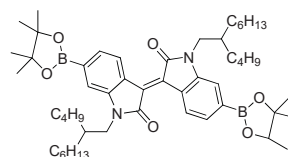
(E)-1,1'-bis(2-ethylhexyl)-6,6'-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane-2-yl)-[3,3'-biindolinylidene]-2,2'-dione

CAT# IN1662


 CAS# [1821433-54-8]
 Formula C₄₄H₆₄B₂N₂O₆
 FW 738.61

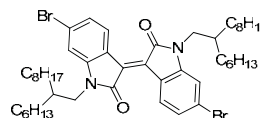
(E)-1,1'-bis(2-butyloctyl)-6,6'-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane-2-yl)-[3,3'-biindolinylidene]-2,2'-dione

CAT# IN1665


 CAS# [2227382-74-1]
 Formula C₅₂H₈₀B₂N₂O₆
 FW 850.821

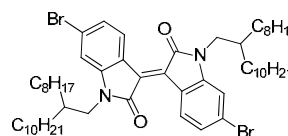
(E)-6,6'-dibromo-1,1'-bis(2-hexyldecyl)-[3,3'-biindolinylidene]-2,2'-dione

CAT# IN1367


 CAS#
 Formula C₄₈H₇₂Br₂N₂O₂
 FW 868.91

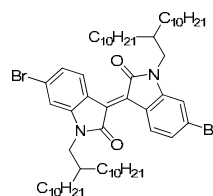
(E)-6,6'-dibromo-1,1'-bis(2-octyldecyl)-[3,3'-biindolinylidene]-2,2'-dione

CAT# IN1363


 CAS# [1263379-85-6]
 Formula C₅₆H₈₈Br₂N₂O₂
 FW 981.12

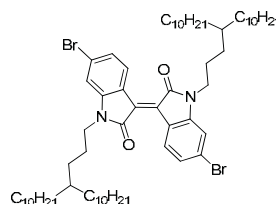
(E)-6,6'-Dibromo-1,1'-bis(2-decyldecyl)-[3,3'-biindolinylidene]-2,2'-dione

CAT# IN1361


 CAS#
 Formula C₆₀H₈₈Br₂N₂O₂
 FW 1037.22

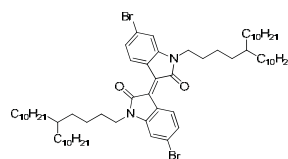
(E)-6,6'-Dibromo-1,1'-bis(4-decyltetradecyl)-[3,3'-biindolinylidene]-2,2'-dione

CAT# IN1364


 CAS#
 Formula C₆₄H₁₀₄Br₂N₂O₂
 FW 1093.33

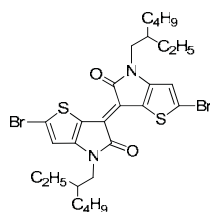
(E)-6,6'-dibromo-1,1'-bis(5-decylpentadecyl)-[3,3'-biindolinylidene]-2,2'-dione

CAT# IN1365


 CAS#
 Formula C₆₈H₁₀₈Br₂N₂O₂
 FW 1121.38

(E)-2,2'-dibromo-4,4'-bis(2-ethylhexyl)-[6,6'-bithieno[3,2-b]pyrrolylene]-5,5'-(4H,4H')-dione

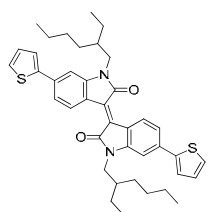
CAT# IN1368



CAS# [1147124-49-9]
Formula $C_{28}H_{36}Br_2N_2O_2S_2$
FW 656.54

(E)-1,1'-bis(2-ethylhexyl)-6,6'-di(thiophen-2-yl)-[3,3'-biindolylidene]-2,2'-dione

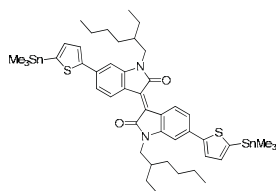
CAT# IN1369



CAS# [1327155-08-7]
Formula $C_{40}H_{46}N_2O_2S_2$
FW 650.94

(E)-1,1'-bis(2-ethylhexyl)-6,6'-bis(5-(trimethylstannyl)thiophen-2-yl)-[3,3'-biindolylidene]-2,2'-dione

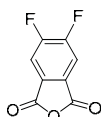
CAT# IN1366



CAS#
Formula $C_{46}H_{62}N_2O_2S_2Sn_2$
FW 976.55

5,6-Difluoroisobenzofuran-1,3-dione

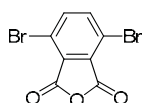
CAT# IN1421



CAS# [18959-30-3]
Formula $C_8H_2F_2O_3$
FW 184.10

3,6-Dibromophthalicanhydride

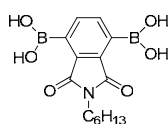
CAT# IN1423



CAS# [25834-16-6]
Formula $C_8H_2Br_2O_3$
FW 305.91

(2-Hexyl-1,3-dioxoisindoline-4,7-diyl)diboronic acid

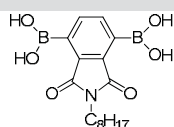
CAT# IN1432



CAS#
Formula $C_{14}H_{19}B_2NO_6$
FW 318.93

(2-Octyl-1,3-dioxoisindoline-4,7-diyl)diboronic acid

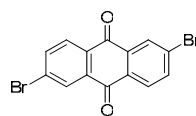
CAT# IN1433



CAS#
Formula $C_{16}H_{23}B_2NO_6$
FW 346.98

2,6-Dibromoanthracene-9,10-dione

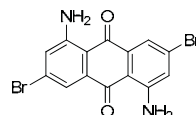
CAT# IN1085



CAS# [633-70-5]
Formula $C_{14}H_6Br_2O_2$
FW 366.00

1,5-Diamino-3,7-dibromoanthracene-9,10-dione

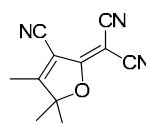
CAT# IN1865



CAS# /
Formula $C_{14}H_6Br_2N_2O_2$
FW 396.03

2-(3-Cyano-4,5,5-trimethylfuran-2(5H)-ylidene)malononitrile

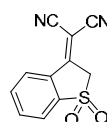
CAT# IN1602



CAS# [171082-32-9]
Formula $C_{11}H_9N_3O$
FW 199.21

2-(1,1-Dioxidobenzo[b]thiophen-3(2H)-ylidene)malononitrile

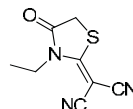
CAT# IN1603



CAS# [74228-25-4]
Formula $C_{11}H_6N_2O_2S$
FW 230.24

2-(3-Ethyl-4-oxothiazolidin-2-ylidene)malononitrile

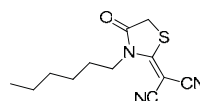
CAT# IN1406



CAS# [623558-68-9]
Formula $C_8H_7N_3OS$
FW 193.23

2-(3-Hexyl-4-oxothiazolidin-2-ylidene)malononitrile

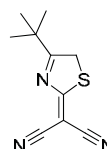
CAT# IN1408



CAS#
Formula $C_{12}H_{15}N_3OS$
FW 249.33

2-(4-(Tert-butyl)thiazol-2(5H)-ylidene)malononitrile

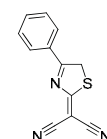
CAT# IN1407



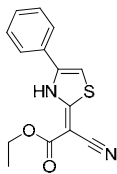
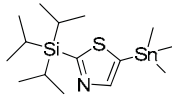
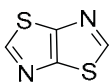
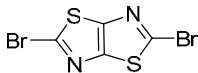
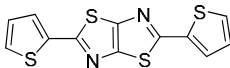
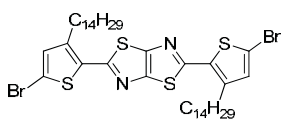
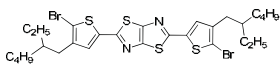
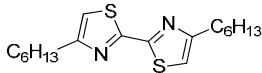
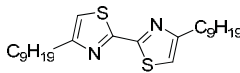
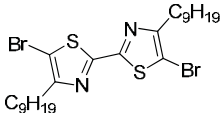
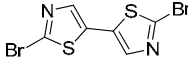
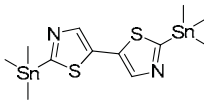
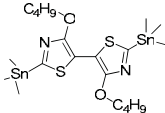
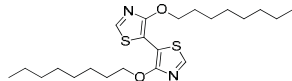
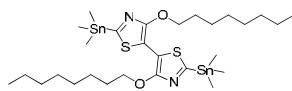
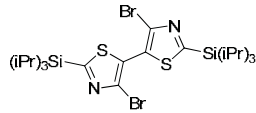
CAS#
Formula $C_{10}H_{11}N_3S$
FW 205.28

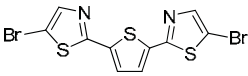
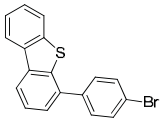
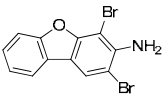
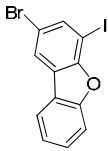
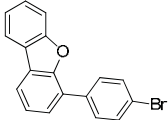
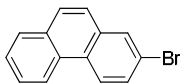
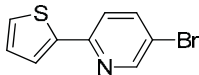
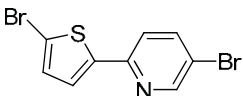
2-(4-Phenylthiazol-2(5H)-ylidene)malononitrile

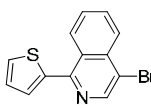
CAT# IN1412



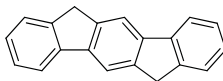
CAS#
Formula $C_{12}H_7N_3S$
FW 225.27

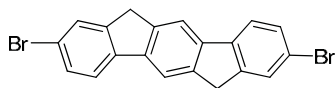
(E)-ethyl 2-cyano-2-(4-phenylthiazol-2(3H)-ylidene)acetate	
CAT# IN1415	
	CAS# Formula C ₁₄ H ₁₂ N ₂ O ₂ S FW 272.32
2-(Triisopropylsilyl)-5-(trimethylstannyl)thiazole	
CAT# IN1543	
	CAS# Formula C ₁₅ H ₃₁ NSSiSn FW 404.27
Thiazolo[5,4-d]thiazole	
CAT# IN1400	
	CAS# [251-56-9] Formula C ₄ H ₂ N ₂ S ₂ FW 142.20
2,5-Dibromothiazolo[5,4-d]thiazole	
CAT# IN1401	
	CAS# [1040390-19-9] Formula C ₄ Br ₂ N ₂ S ₂ FW 299.99
2,5-Di(thiophen-2-yl)thiazolo[5,4-d]thiazole	
CAT# IN1402	
	CAS# [29608-87-5] Formula C ₁₂ H ₆ N ₂ S ₄ FW 306.45
2,5-Bis(5-bromo-3-tetradecylthiophen-2-yl)thiazolo[5,4-d]thiazole	
CAT# IN1404	
	CAS# Formula C ₄₀ H ₆₀ Br ₂ N ₂ S ₄ FW 856.99
2,5-Di(5-bromo-4-(2-ethylhexyl)thiophen-2-yl)-thiazolo[5,4-d]thiazole	
CAT# IN1405	
	CAS# Formula C ₂₈ H ₃₆ Br ₂ N ₂ S ₄ FW 688.67
Monomer-Bithiazole (BTZ) Series	
4,4'-Dihexyl-2,2'-bithiazole	
CAT# IN1143	
	CAS# [180729-92-4] Formula C ₁₈ H ₂₈ N ₂ S ₂ FW 336.56
4,4'-Dinonyl-2,2'-bithiazole	
CAT# IN1034	
	CAS# [180729-91-3] Formula C ₂₄ H ₄₀ N ₂ S ₂ FW 420.72
5,5'-Dibromo-4,4'-dinonyl-2,2'-bithiazole	
CAT# IN1035	
	CAS# [172100-44-6] Formula C ₂₄ H ₃₈ Br ₂ N ₂ S ₂ FW 578.51
2,2'-Dibromo-5,5'-bithiazole	
CAT# IN1435	
	CAS# Formula C ₆ H ₂ Br ₂ N ₂ S ₂ FW 326.03
2,2'-Bis(trimethylstannyl)-5,5'-bithiazole	
CAT# IN1436	
	CAS# Formula C ₁₂ H ₂₀ N ₂ S ₂ Sn ₂ FW 493.85
4,4'-Dibutoxy-2,2'-bis(trimethylstannyl)-5,5'-bithiazole	
CAT# IN1440	
	CAS# Formula C ₂₀ H ₃₆ N ₂ O ₂ S ₂ Sn ₂ FW 638.06
4,4'-Bis(octyloxy)-5,5'-bithiazole	
CAT# IN1442	
	CAS# / Formula C ₂₂ H ₃₆ N ₂ O ₂ S ₂ FW 424.66
4,4'-Bis(octyloxy)-2,2'-bis(trimethylstannyl)-5,5'-bithiazole	
CAT# IN1443	
	CAS# [2215018-37-2] Formula C ₂₈ H ₅₂ N ₂ O ₂ S ₂ Sn ₂ FW 750.27
2,2'-Bis-triisopropylsilyl-4,4'-dibromo-5,5'-bithiazole	
CAT# IN1015	
	CAS# [1223559-98-5] Formula C ₂₄ H ₄₂ Br ₂ N ₂ S ₂ Si ₂ FW 638.71

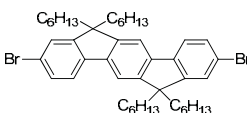
2,5-Bis(5-bromothiazol-2-yl)thiophene		CAT# IN1444	
	CAS#	[224453-08-1]	
	Formula	C ₁₀ H ₄ Br ₂ N ₂ S ₃	
	FW	408.16	
4-(4-Bromophenyl)dibenzo[b,d]thiophene		CAT# OC1025	
	CAS#	[530402-77-8]	
	Formula	C ₁₈ H ₁₁ BrS	
	FW	339.25	
2,4-Dibromodibenzo[b,d]furan-3-amine		CAT# OC1028	
	CAS#	[133953-35-2]	
	Formula	C ₁₂ H ₇ Br ₂ NO	
	FW	341.00	
2-Bromo-4-iododibenzo[b,d]furan		CAT# OC1037	
	CAS#	[1401068-25-4]	
	Formula	C ₁₂ H ₆ BrIO	
	FW	372.98	
4-(4-Bromophenyl)dibenzo[b,d]furan		CAT# OC1030	
	CAS#	[955959-84-9]	
	Formula	C ₁₈ H ₁₁ BrO	
	FW	323.18	
2-Bromophenanthrene		CAT# OC1075	
	CAS#	[62162-97-4]	
	Formula	C ₁₄ H ₉ Br	
	FW	257.1	
5-Bromo-2-(thiophen-2-yl)pyridine		CAT# IN1313	
	CAS#	[91891-74-6]	
	Formula	C ₉ H ₆ BrNS	
	FW	240.12	
5-Bromo-2-(5-bromothiophen-2-yl)pyridine		CAT# IN1314	
	CAS#	[136902-53-9]	
	Formula	C ₈ H ₅ Br ₂ NS	
	FW	319.02	

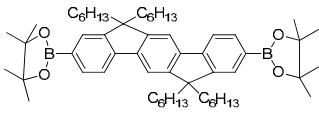
4-Bromo-1-(thiophen-2-yl)isoquinoline		CAT# IN1316	
	CAS#		
	Formula	C ₁₃ H ₈ BrNS	
	FW	290.18	

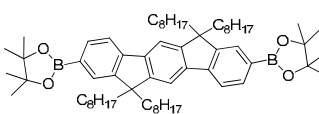
Monomer-Indenofluorene (IF) Series

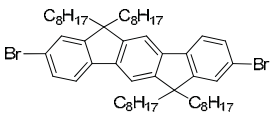
6,12-Dihydroindeno[1,2-b]fluorene		CAT# IN1682	
	CAS#	[486-52-2]	
	Formula	C ₂₀ H ₁₄	
	FW	254.33	

2,8-Dibromo-6,12-dihydroindeno[1,2-b]fluorene		CAT# IN1681	
	CAS#	[848982-57-0]	
	Formula	C ₂₀ H ₁₂ Br ₂	
	FW	412.12	

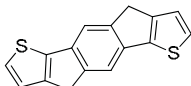
2,8-Dibromo-6,6,12,12-tetrahexyl-6,12-dihydroindeno[1,2-b]fluorene		CAT# IN1683	
	CAS#		
	Formula	C ₄₄ H ₆₀ Br ₂	
	FW	748.76	

2,2'-(6,6,12,12-Tetrahexyl-6,12-dihydroindeno[1,2-b]fluorene-2,8-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)		CAT# IN1684	
	CAS#		
	Formula	C ₅₆ H ₈₄ B ₂ O ₄	
	FW	842.89	

2,2'-(6,6,12,12-Tetraoctyl-6,12-dihydroindeno[1,2-b]fluorene-2,8-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)		CAT# IN1685	
	CAS#	[628303-20-8]	
	Formula	C ₆₄ H ₁₀₀ B ₂ O ₄	
	FW	955.10	

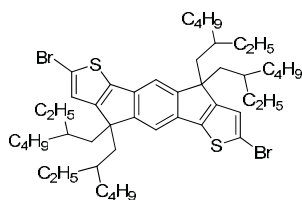
2,8-Dibromo-6,6,12,12-tetraoctyl-6,12-dihydroindeno[1,2-b]fluorene		CAT# IN1686	
	CAS#	[264281-45-0]	
	Formula	C ₅₂ H ₇₆ Br ₂	
	FW	860.97	

Monomer-Indacenodithiophene (IDT) Series

4,9-Dihydro-s-indaceno[1,2-b:5,6-b']dithiophene		CAT# IN1467	
	CAS#	[1209012-31-6]	
	Formula	C ₁₆ H ₁₀ S ₂	
	FW	266.38	

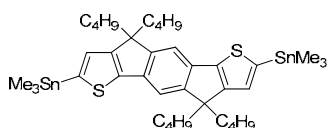
2,7-Dibromo-4,4,9,9-tetrakis(2-ethylhexyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene

CAT# IN1410


CAS#
Formula $C_{48}H_{72}Br_2S_2$
FW 873.02

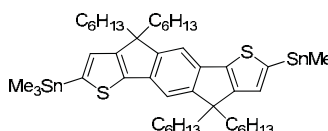
(4,4,9,9-Tetrabutyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)

CAT# IN1462


CAS# /
Formula $C_{38}H_{58}S_2Sn_2$
FW 816.42

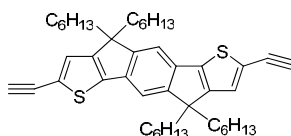
(4,4,9,9-Tetrahexyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)

CAT# IN1469


CAS# /
Formula $C_{46}H_{74}S_2Sn_2$
FW 928.63

2,7-Diethynyl-4,4,9,9-tetrahexyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene

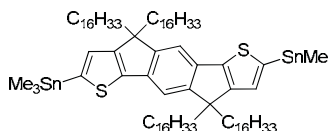
CAT# IN1541


CAS# /
Formula $C_{44}H_{58}S_2$
FW 651.06

(4,4,9,9-Tetrahexadecyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)

ID-2Sn

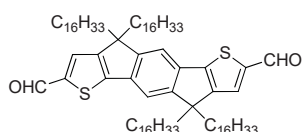
CAT# IN1553


CAS# /
Formula $C_{86}H_{154}S_2Sn_2$
FW 1489.69

4,4,9,9-Tetrahexadecyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-dicarbaldehyde

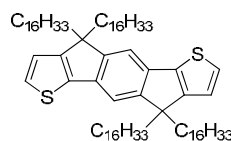
ID-CHO

CAT# IN1554


CAS# /
Formula $C_{82}H_{138}O_2S_2$
FW 1220.10

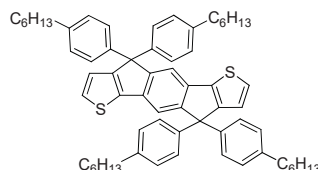
4,4,9,9-Tetrahexadecyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene

CAT# IN1555


CAS# /
Formula $C_{80}H_{138}S_2$
FW 1164.08

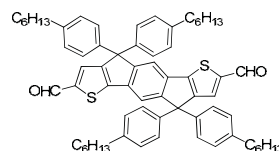
4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene

CAT# IN1461


CAS# [1049034-67-4]
Formula $C_{64}H_{74}S_2$
FW 907.40

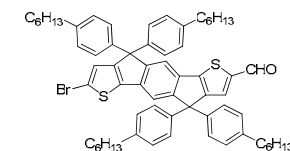
4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-dicarbaldehyde

CAT# IN1463


CAS# [1884694-93-2]
Formula $C_{66}H_{74}O_2S_2$
FW 963.42

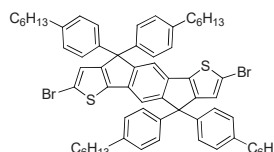
7-Bromo-4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2-carbaldehyde

CAT# IN1464


CAS# [1361418-07-6]
Formula $C_{65}H_{73}BrOS_2$
FW 1014.31

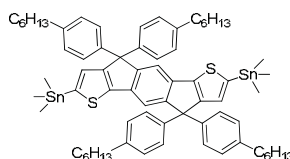
2,7-Dibromo-4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene

CAT# IN1465


CAS# [1049034-71-0]
Formula $C_{64}H_{72}Br_2S_2$
FW 1065.19

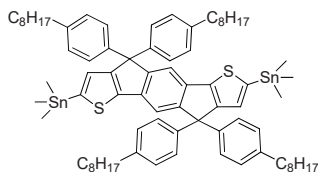
(4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)

CAT# IN1466


CAS# [1252555-61-5]
Formula $C_{70}H_{90}S_2Sn_2$
FW 1233.01

(4,4,9,9-Tetrakis(4-octylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)

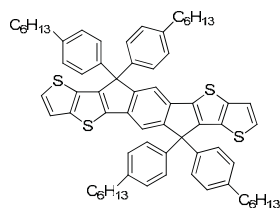
CAT# IN1438



CAS# [1433218-20-2]
Formula $C_{78}H_{106}S_2Sn_2$
FW 1345.23

6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene

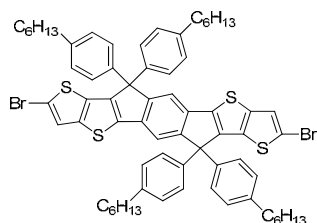
CAT# IN1868



CAS# [1420071-64-2]
Formula $C_{68}H_{74}S_4$
FW 1019.58

6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-dibromo

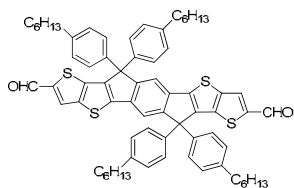
CAT# IN1869



CAS# [2227361-27-3]
Formula $C_{68}H_{72}Br_2S_4$
FW 1177.37

6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-dicarboxaldehyde

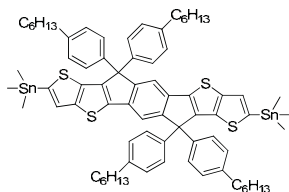
CAT# IN1468



CAS# [1878125-76-8]
Formula $C_{70}H_{74}O_2S_4$
FW 1075.60

6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-bis(trimethylstannane)

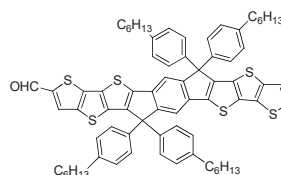
CAT# IN1419



CAS# [1420071-65-3]
Formula $C_{74}H_{90}S_4Sn_2$
FW 1345.19

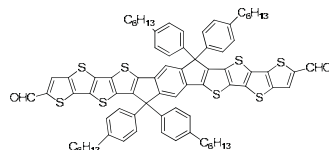
6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[3,2-b:2',3'-d']thiophene-s-indacenodithieno[3,2-b:2',3'-d']thiophene-2,8-dicarboxaldehyde

CAT# IN1818



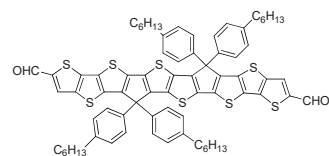
CAS# [2085792-42-1]
Formula $C_{74}H_{74}O_2S_8$
FW 1187.77

CAT# IN1819



CAS# [2229934-75-0]
Formula $C_{78}H_{74}O_2S_8$
FW 1299.94

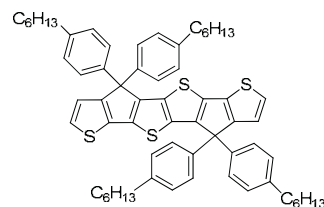
CAT# IN1823



CAS# /
Formula $C_{74}H_{72}O_2S_8$
FW 1249.88

4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-Thieno[3',2':4,5]cyclopent a[1,2-b]thieno[2'',3'':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene

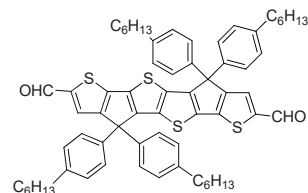
CAT# IN1814



CAS# [1343457-63-5]
Formula $C_{64}H_{72}S_4$
FW 969.52

4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-Thieno[3',2':4,5]cyclopent a[1,2-b]thieno[2'',3'':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene-2,7-dicarbaldehyde

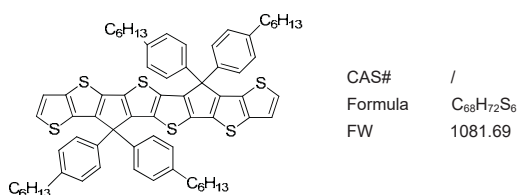
CAT# IN1824



CAS# [2127354-14-5]
Formula $C_{66}H_{72}O_2S_4$
FW 1025.54

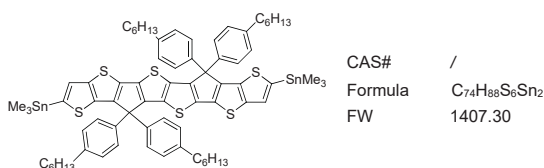
6,6,12,12-tetrakis(4-hexylphenyl)-6,12-dihydro-Thieno[2'',3'':4',5']thien o[3',2':4,5]cyclopenta[1,2-b]thieno[2''',3''':4'',5'']thieno[2'',3'':3',4']cycl openta[1',2':4,5]thieno[2,3-d]thiophene

CAT# IN1830



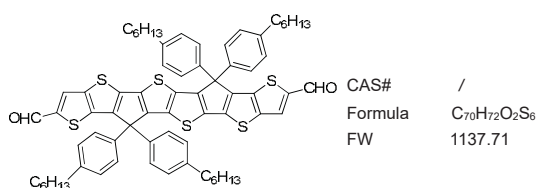
6,6,12,12-tetrakis(4-hexylphenyl)-6,12-dihydro-Thieno[2'',3'':4',5']thien o[3',2':4,5]cyclopenta[1,2-b]thieno[2''',3''':4'',5'']thieno[2'',3'':3',4']cycl openta[1',2':4,5]thieno[2,3-d]thiophene-2,8-bis(trimethyltin)

CAT# IN1831



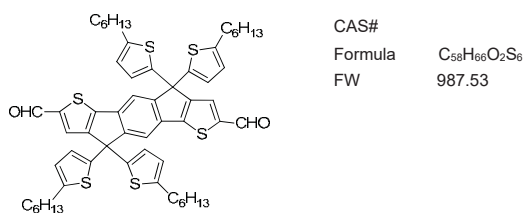
6,6,12,12-tetrakis(4-hexylphenyl)-6,12-dihydro-Thieno[2'',3'':4',5']thien o[3',2':4,5]cyclopenta[1,2-b]thieno[2''',3''':4'',5'']thieno[2'',3'':3',4']cycl openta[1',2':4,5]thieno[2,3-d]thiophene-2,8-dicarboxaldehyde

CAT# IN1832

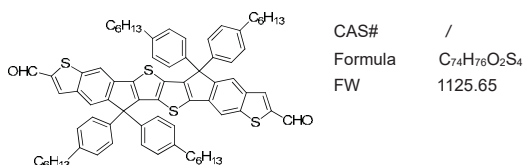


4,4,9,9-Tetrakis(5-hexylthiophen-2-yl)-4,9-dihydro-s-indaceno[1,2-b:5, 6-b']dithiophene-2,7-dicarbaldehyde

CAT# IN1812

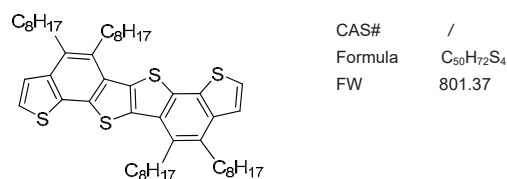


CAT# IN1853



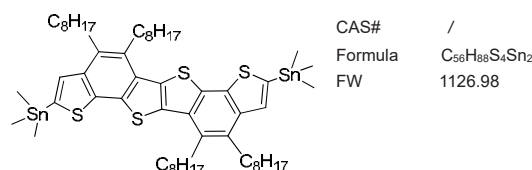
4,5,10,11-Tetraoctyl-thieno[3,2-g]thieno[3',2':6,7][1]benzothieno[3,2-b][1]benzothiophene

CAT# IN1858



4,5,10,11-Tetraoctyl-thieno[3,2-g]thieno[3',2':6,7][1]benzothieno[3,2-b][1]benzothiophene-2,8-bis(trimethylstannane)

CAT# IN1857



Monomer-Naphthodithiophene (NDT) Series

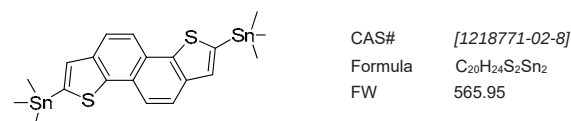
Naphtho[1,2-b:5,6-b']dithiophene

CAT# IN1522



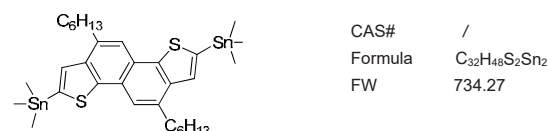
2,7-Bis(trimethylstannyl)naphtho[1,2-b:5,6-b']dithiophene

CAT# IN1523



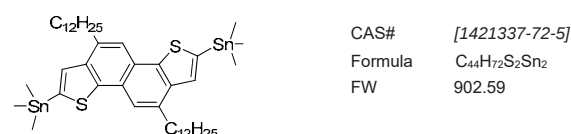
(5,10-Dihexylnaphtho[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylst annane)

CAT# IN1524



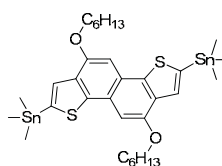
(5,10-Didodecyl naphtho[1,2-b:5,6-b']dithiophene-2,7-diyl)bis (trimethylstannane)

CAT# IN1525



(5,10-Bis(hexyloxy)naphtho[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(trimethylstannane)

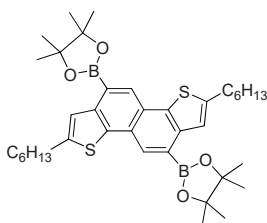
CAT# IN1527



CAS# /
Formula C₃₂H₄₈O₂S₂Sn₂
FW 766.27

2,2'-(2,7-Dihexylnaphtho[1,2-b:5,6-b']dithiophene-5,10-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)

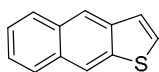
CAT# IN1582



CAS# /
Formula C₃₈H₅₄B₂O₄S₂
FW 660.58

Naphtho[2,3-b]thiophene

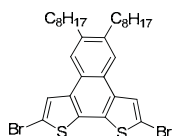
CAT# IN1721



CAS# [268-77-9]
Formula C₁₂H₈S
FW 184.26

2,9-Dibromo-5,6-dioctylnaphtho[2,1-b:3,4-b']dithiophene

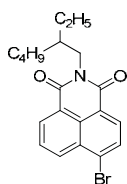
CAT# IN1725



CAS# [1040858-84-1]
Formula C₃₀H₃₈Br₂S₂
FW 622.56

6-Bromo-2-(2-ethylhexyl)-1H-benzo[de]isoquinoline-1,3(2H)-dione

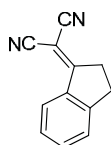
CAT# IN1267



CAS# [1193092-32-8]
Formula C₂₀H₂₂BrNO₂
FW 388.30

Monomer-Indanone-Cyano (IC) Series**2-(2,3-Dihydro-1H-inden-1-ylidene)malononitrile**

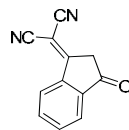
CAT# OC1167



CAS# [2510-01-2]
Formula C₁₂H₈N₂
FW 180.21

3-(Dicyanomethylidene)indan-1-one

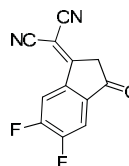
CAT# OC1168



CAS# [1080-74-6]
Formula C₁₂H₆N₂O
FW 194.19

2-(5,6-Difluoro-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile

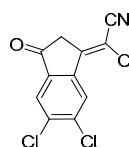
CAT# OC1178



CAS# [2083617-82-5]
Formula C₁₂H₄F₂N₂O
FW 230.17

2-(5,6-Dichloro-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile

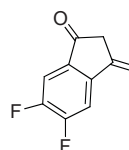
CAT# OC1183



CAS# /
Formula C₁₂H₄Cl₂N₂O
FW 263.08

5,6-Difluoro-1H-indene-1,3(2H)-dione

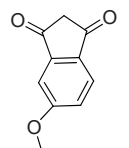
CAT# OC1189



CAS# [1454686-04-4]
Formula C₉H₄F₂O₂
FW 182.12

5-Methoxy-1H-indene-1,3(2H)-dione

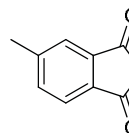
CAT# OC1191



CAS# /
Formula C₁₀H₈O₃
FW 176.17

5-Methyl-1H-indene-1,3(2H)-dione

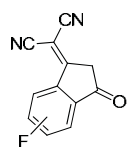
CAT# OC1146



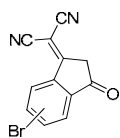
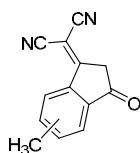
CAS# [50919-77-2]
Formula C₁₀H₈O₂
FW 160.17

2-((5)6-Fluoro-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile

CAT# OC1179



CAS# [507484-54-0]
Formula /
FW

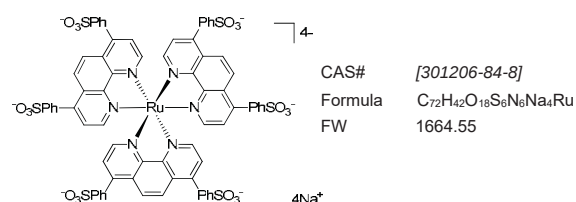
2-((5)6-Bromo-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile
CAT# OC1177CAS# [507484-47-1]
Formula
FW**2-((5)6-Methyl-3-oxo-2,3-dihydro-1H-inden-1-ylidene)malononitrile**
CAT# OC1176CAS# [2047352-75-8]
Formula C₁₃H₈N₂O
FW 208.22

Protein Staining Agents

Tris(bathophenanthroline disulfonate)ruthenium(II) tetrasodium salt

RuBPS

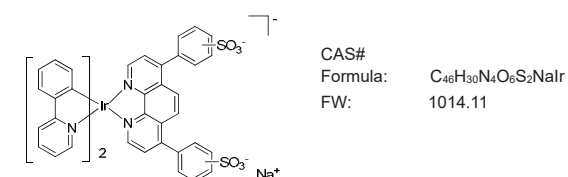
CAT# RU092092092Na



Bis(2-phenylpyridine- C^2,N)(bathophenanthroline disulfonate) iridium(III)

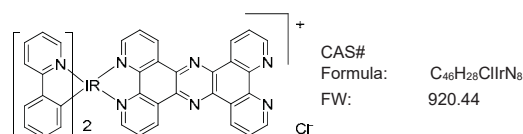
Ir(ppy)₂BPS

CAT# IR601601092Na



Bis(2-phenylpyridine- C^2,N)(tetrapyrido[3,2-a:2',3'-c:3'',2''-h:2''',3'''-f]phenazine) iridium(III)chloride

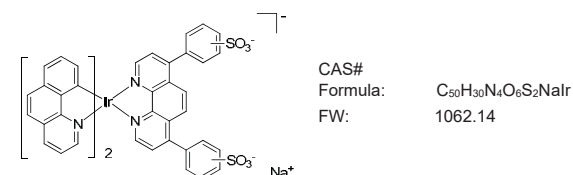
CAT# IR601601112Cl



Bis(benzo[h]quinoline- C^2,N)(bathophenanthroline disulfonate) iridium(III)

Ir(bzq)₂BPS

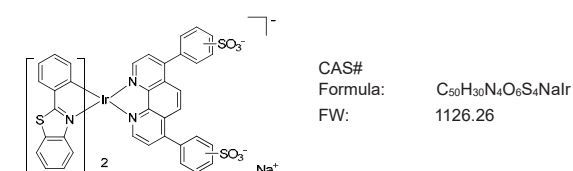
CAT# IR621621092Na



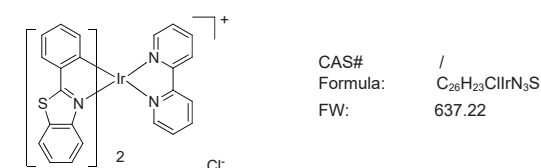
Bis(2-phenylbenzothiazole- C^2,N)(bathophenanthroline disulfonate) iridium(III)

Ir(bt)₂BPS

CAT# IR625625092Na

Ir(bt)₂BIPY

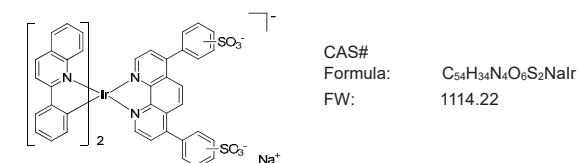
CAT# IR625625001Cl



Bis(2-phenylquinoline- C^2,N)(bathophenanthroline disulfonate) iridium(III)

Ir(2-phq)₂BPS

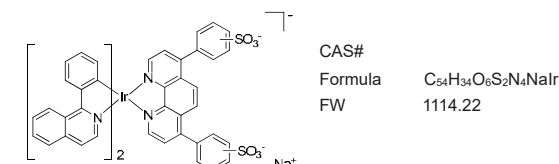
CAT# IR618618092Na



Bis(1-phenylisoquinoline- C^2,N)(bathophenanthroline disulfonate) iridium(III)

Ir(pi_q)₂BPS

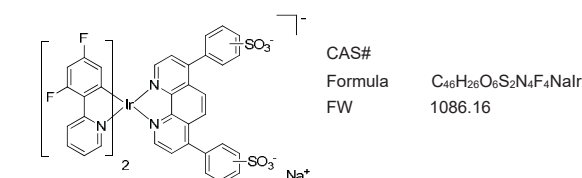
CAT# IR617617092Na



Bis(4,6-difluoro-2-(2-pyridyl)phenyl- C^2,N)(bathophenanthroline disulfonate) iridium(III)

Ir(f-ppy)₂BPS

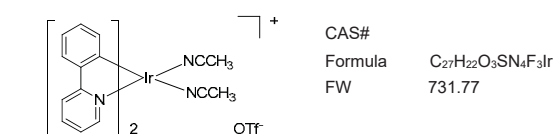
CAT# IR604604092Na



Bis(2-phenylpyridine- C^2,N)-bis(acetonitrile) iridium(III) trifluoromethanesulfonate

Ir(ppy)₂MECN

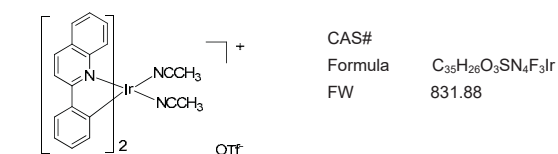
CAT# IR601601MECN



Bis(2-phenylquinoline- C^2,N)-bis(acetonitrile) iridium(III) trifluoromethanesulfonate

Ir(2-phq)₂MECN

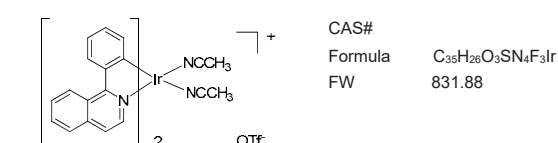
CAT# IR618618MECN



Bis(1-phenylisoquinoline- C^2,N)-bis(acetonitrile) iridium(III) trifluoromethanesulfonate

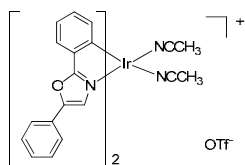
Ir(pi_q)₂MECN

CAT# IR617617MECN



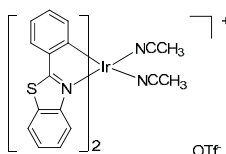
Bis(2,5-diphenyloxazole-*C*²,*N*)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate
Ir(dpo)₂MECN

CAT# IR624624MECN


CAS#
Formula C₃₅H₂₆O₅SN₄F₃Ir
FW 863.88

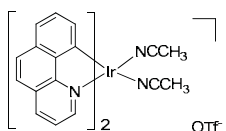
Bis(2-phenylbenzothiazole-*C*²,*N*)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate
Ir(bt)₂MECN

CAT# IR625625MECN


CAS#
Formula C₃₁H₂₂O₃S₃N₄F₃Ir
FW 843.94

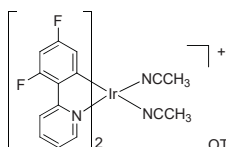
Bis(2-benzo[*h*]quinoline-*C*²,*N*)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate
Ir(bzq)₂MECN

CAT# IR621621MECN


CAS#
Formula C₃₁H₂₂O₃SN₄F₃Ir
FW 779.81

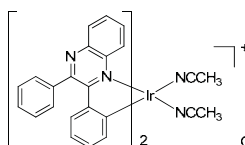
Bis(4,6-difluoro-2-(2-pyridyl)phenyl-*C*²,*N*)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate
Ir(f-ppy)₂MECN

CAT# IR604604MECN


CAS#
Formula: C₂₇H₁₈N₄O₃SF₇Ir
FW: 803.73

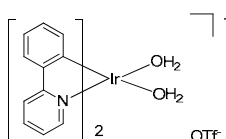
Bis(2,3-diphenylquinoxaline-*C*²,*N*)-bis(acetonitrile)iridium(III) trifluoromethanesulfonate
Ir(dpq)₂MECN

CAT# IR628628MECN


CAS#
Formula: C₄₅H₃₂N₆O₃SF₃Ir
FW: 986.07

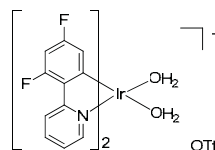
Bis(2-phenylpyridine-*C*²,*N*)-bis(aquo)iridium(III) trifluoromethanesulfonate

CAT# IR601601H2O


CAS#
Formula: C₂₃H₂₀N₂O₅SF₃Ir
FW: 685.65

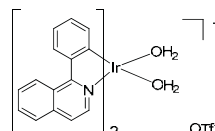
Bis(4,6-difluoro-2-(2-pyridyl)phenyl-*C*²,*N*)-bis(aquo)iridium(III) trifluoromethanesulfonate

CAT# IR604604H2O


CAS#
Formula: C₂₃H₁₆N₂O₅SF₇Ir
FW: 757.65

Bis(1-phenylisoquinoline-*C*²,*N*)-bis(aquo)iridium(III) trifluoromethanesulfonate

CAT# IR617617H2O

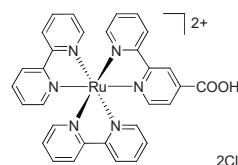

CAS#
Formula: C₃₁H₂₄N₂O₅SF₃Ir
FW: 785.81

Labeling Reagents

Ru Complexes

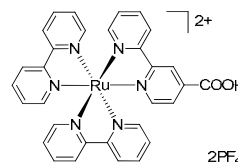
Bis(2,2'-bipyridyl)(4-carboxyl-2,2'-bipyridyl)ruthenium(II) dichloride

CAT# RU401001001Cl


CAS#
Formula C₃₁H₂₄N₆O₂Cl₂Ru
FW 684.55

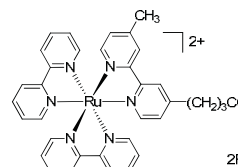
Bis(2,2'-bipyridyl)(4-carboxyl-2,2'-bipyridyl)ruthenium(II) bis(hexafluorophosphate)

CAT# RU401001001PF6


CAS#
Formula C₃₁H₂₄O₂F₁₂N₆P₂Ru
FW 903.56

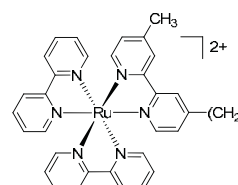
Bis(2,2'-bipyridyl)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)ruthenium(II) bis(hexafluorophosphate)
Ru(bpy)₂(mcbpy)²⁺

CAT# RU402001001PF6


CAS#
Formula C₃₅H₃₂O₂F₁₂N₆P₂Ru
FW 959.67

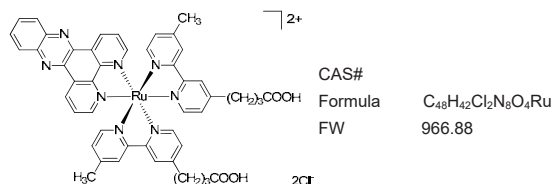
Bis(2,2'-bipyridyl)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)ruthenium(II) dichloride
Ru(bpy)₂(mcbpy)²⁺

CAT# RU402001001Cl

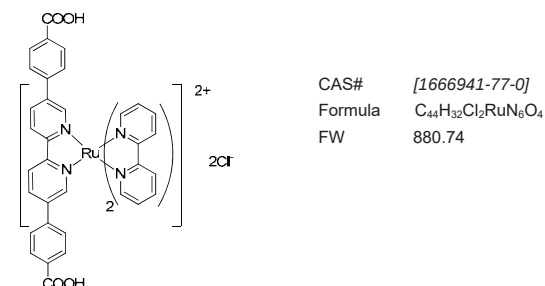

CAS#
Formula C₃₅H₃₂O₂Cl₂N₆Ru
FW

Bis(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)(dipyrido[3,2-a:2',3'-c]phenaziruthenium(II) dichloride

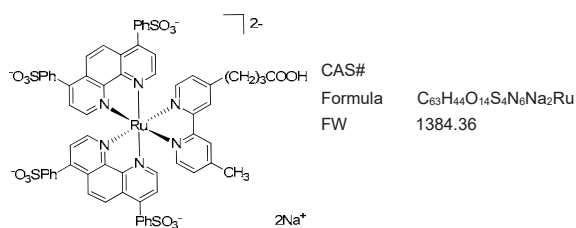
CAT# RU402402460Cl


Bis(2,2'-bipyridyl)(5,5'-Di-p-benzoic acid-[2,2']bipyridinyl)ruthenium(II) dichloride

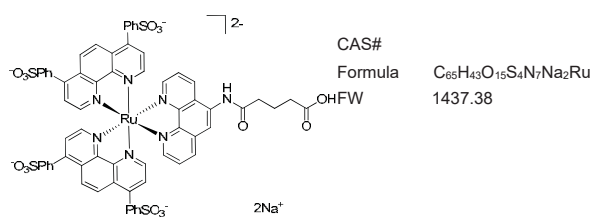
CAT# RU430001001Cl


Bis(bathophenanthroinedisulfonate)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)ruthenium(II) disodium salt

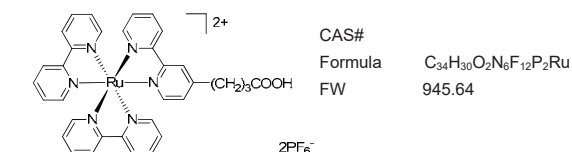
CAT# RU402092092Na


Bis(bathophenanthroinedisulfonate)[5-(1,10-phenanthroline-5-yl amino)-5-oxopentanoic acid] ruthenium(II) disodium salt

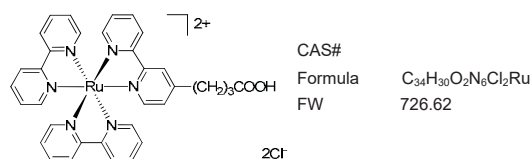
CAT# RU422092092Na


Bis(2,2'-bipyridyl)(4-carboxypropyl-2,2'-bipyridyl)ruthenium(II) hexafluorophosphate

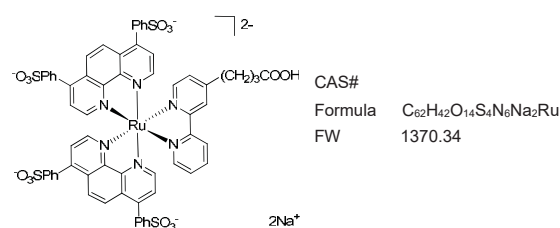
CAT# RU403001001PF6


Bis(2,2'-bipyridyl)(4-carboxypropyl-2,2'-bipyridyl)ruthenium(II) dichloride

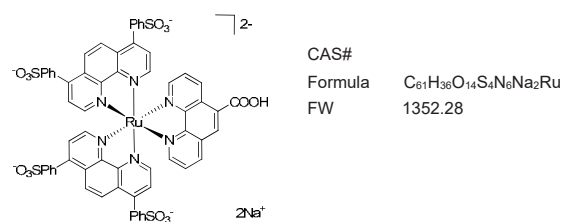
CAT# RU403001001Cl


Bis(bathophenanthroinedisulfonate)(4-carboxypropyl-2,2'-bipyridyl)ruthenium(II) disodium salt

CAT# RU403092092Na

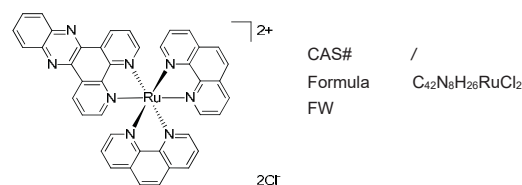

Bis(bathophenanthroinedisulfonate)(4-carboxy-1,10-phenanthroline)ruthenium(II) disodium salt

CAT# RU408092092Na

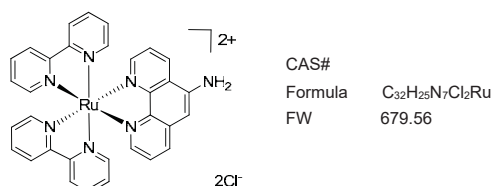

Bis([1,10-phenanthroline)(4,5,9,14-tetraaza-benzo[b]triphenylene)ruthenium(II) dichloride

Ru(phen)2dppz

CAT# RU460068068Cl

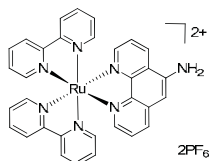

Bis(2,2'-bipyridyl)(5-amino-1,10-phenanthroline)ruthenium(II) dichloride

CAT# RU082001001Cl



Bis(2,2'-bipyridyl)(5-amino-1,10-phenanthroline)ruthenium(II) bishexafluorophosphate

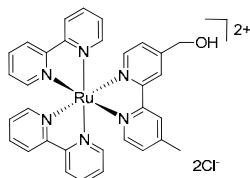
CAT# RU082001001PF6



CAS#
Formula $C_{32}H_{25}N_7P_2F_{12}Ru$
FW 898.58

Bis(2,2'-bipyridyl)(4'-methyl-2,2'-bipyridin-4-yl)methanol ruthenium(II) dichloride

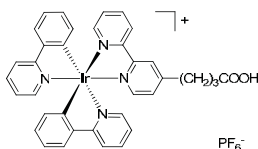
CAT# RU520001001Cl



CAS#
Formula $C_{32}H_{28}N_6ORuCl_2$
FW 684.1

Ir Complexes
Bis(2-phenylpyridine-C²,N)(4-carboxy propyl-2,2'-bipyridyl) iridium(III) hexafluorophosphate

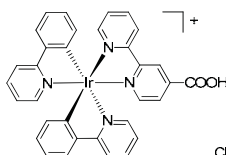
CAT# IR403601601PF6



CAS#
Formula $C_{36}H_{30}O_2F_6N_4Ir$
FW 887.85

Bis(2-phenylpyridine-C²,N)(4-carboxyl-2,2'-bipyridine)iridium(III) chloride

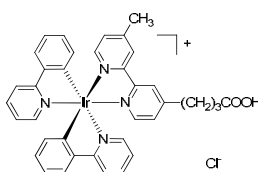
CAT# IR401601601Cl



CAS# /
Formula $C_{33}H_{24}IrO_2N_4$
FW 700.00

Bis(2-phenylpyridine-C²,N)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl) iridium(III) chloride

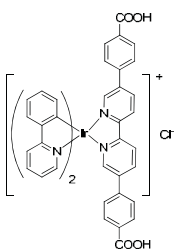
CAT# IR402601601Cl



CAS#
Formula $C_{37}H_{32}O_2N_4ClIr$
FW 792.35
 λ_{em} 583 nm (acetonitrile)

Bis(2-phenylpyridine-C²,N)(5,5'-di-*p*-benzoic acid-[2,2']bipyridinyl) iridium(III) chloride

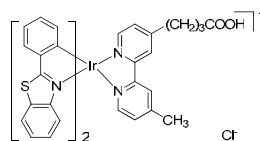
CAT# IR430601601Cl



CAS#
Formula $C_{46}H_{32}ClN_4O_4Ir$
FW 932.44

Bis(2-phenylbenzothiazole-C²,N)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride

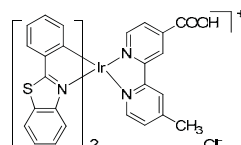
CAT# IR402625625Cl



CAS#
Formula $C_{41}H_{32}O_2N_4S_2ClIr$
FW 904.52

Bis(2-phenylbenzothiazole-C²,N)(4-methyl-4'-carboxy-2,2'-bipyridyl) iridium(III) chloride

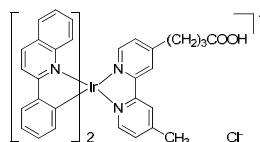
CAT# IR406625625Cl



CAS#
Formula $C_{38}H_{26}O_2N_4S_2ClIr$
FW 862.44
 λ_{em} 529 nm (acetonitrile)
565 nm (acetonitrile)

Bis(2-phenylquinoline-C²,N)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl) iridium(III) chloride

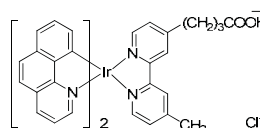
CAT# IR402618618Cl



CAS#
Formula $C_{45}H_{36}O_2N_4ClIr$
FW 892.48

Bis(2-benzo[h]quinoline-C²,N)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride

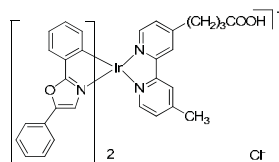
CAT# IR402621621Cl



CAS#
Formula $C_{41}H_{32}N_4O_2ClIr$
FW 840.39

Bis(2,5-diphenyloxazole-C²,N)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride

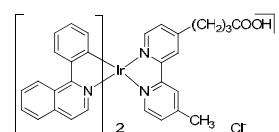
CAT# IR402624624Cl



CAS#
Formula $C_{45}H_{36}N_4O_4ClIr$
FW 924.46

Bis(1-phenylisoquinoline)(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride

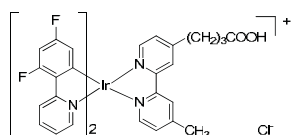
CAT# IR402617617Cl



CAS#
Formula $C_{45}H_{36}N_4O_2ClIr$
FW 892.46
 λ_{em} 593 nm (methanol)

Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N')(4-methyl-4'-carboxypropyl-2,2'-bipyridyl)iridium(III) chloride

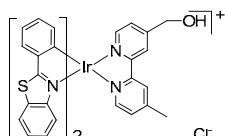
CAT# IR402604604Cl



CAS# /
 Formula C₃₇H₂₈N₄O₂F₄ClIr
 FW 864.31
 λ_{em} 525 nm (acetonitrile)

Bis(2-phenylbenzothiazole-C²,N')(4'-methyl-2,2'-bipyridin-4-yl)methanol)iridium(III) chloride

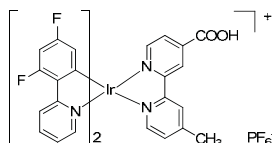
CAT# IR520625625Cl



CAS# /
 Formula C₃₈H₂₈N₄S₂OClIr
 FW 848.10

Bis(4,6-difluoro-2-(2-pyridyl)phenyl-C²,N')(4-methyl-4'-carboxy-2,2'-bipyridyl)iridium(III) chloride

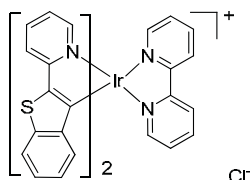
CAT# IR406604604PF6



CAS# /
 Formula C₃₄H₂₂F₁₀IrN₄O₂P
 FW 931.74

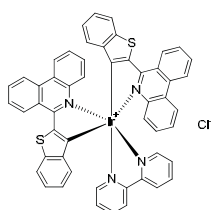
Bis(2-(benzo[b]thiophen-2-yl)pyridyl-C²,N')(2,2'-bipyridyl)iridium(III) chloride

CAT# IR629629001Cl

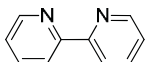
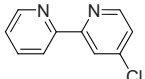
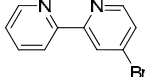
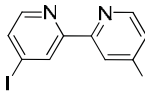
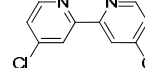
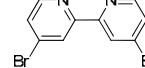
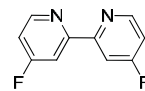
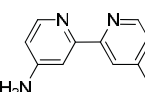


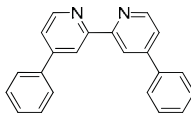
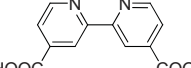
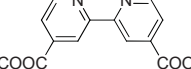
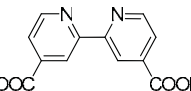
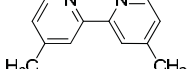
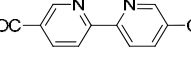
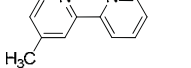
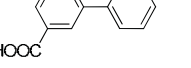
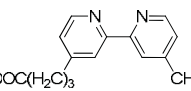
CAS# [1250262-19-1]
 Formula C₂₆H₂₃ClIrN₃S
 FW 637.22

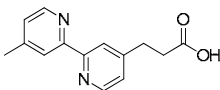
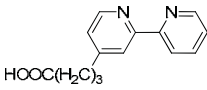
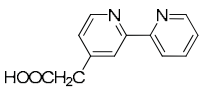
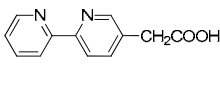
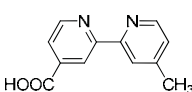
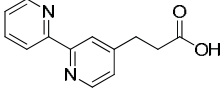
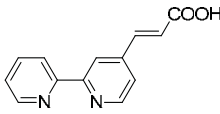
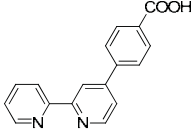
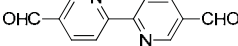
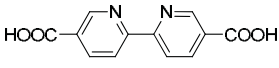
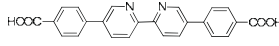
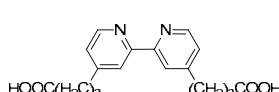
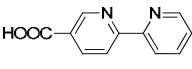
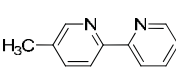
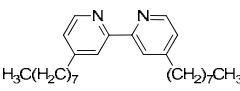
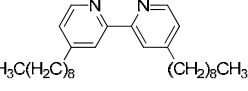
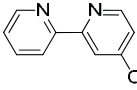
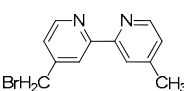
CAT# IR001660660Cl

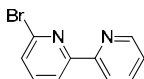


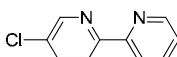
CAS# /
 Formula C₃₄H₂₂F₁₀IrN₄O₂P
 FW 931.74

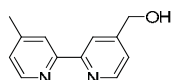
N^N Diimine Ligands			
2,2'-Bipyridine			
CAT# BIPY001			
	CAS#	[366-18-7]	
	Formula	C ₁₀ H ₈ N ₂	
	FW	156.18	
4-Chloro-2,2'-bipyridine			
CAT# BIPY002			
	CAS#	[14162-94-8]	
	Formula	C ₁₀ H ₇ ClN ₂	
	FW	190.63	
4-Bromo-2,2'-bipyridine			
CAT# BIPY003			
	CAS#	[14162-95-9]	
	Formula	C ₁₀ H ₇ BrN ₂	
	FW	235.08	
4,4'-Diiodo-2,2'-bipyridine			
CAT# BIPY015			
	CAS#	[831225-81-1]	
	Formula	C ₁₀ H ₆ I ₂ N ₂	
	FW	407.98	
4,4'-Dichloro-2,2'-bipyridine			
CAT# BIPY016			
	CAS#	[1762-41-0]	
	Formula	C ₁₀ H ₆ Cl ₂ N ₂	
	FW	225.07	
4,4'-Dibromo-2,2'-bipyridine			
CAT# BIPY017			
	CAS#	[18511-71-2]	
	Formula	C ₁₀ H ₆ Br ₂ N ₂	
	FW	313.98	
4,4'-Difluoro-2,2'-bipyridine			
CAT# BIPY018			
	CAS#		
	Formula	C ₁₀ H ₆ F ₂ N ₂	
	FW	192.16	
2,2'-Bipyridine -4,4'-diamine			
CAT# BIPY019			
	CAS#	[18511-69-8]	
	Formula	C ₁₀ H ₁₀ N ₄	
	FW	186.21	

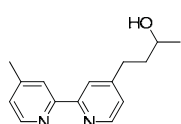
4,4'-Diphenyl-2,2'-bipyridine			
CAT# BIPY026			
	CAS#	[6153-92-0]	
	Formula	C ₂₂ H ₁₆ N ₂	
	FW	308.38	
4,4'-Dicarboxy-2,2'-bipyridine			
CAT# BIPY029			
	CAS#	[6813-38-3]	
	Formula	C ₁₂ H ₈ N ₂ O ₄	
	FW	244.21	
4,4'-Bis(methoxycarbonyl)-2,2'-bipyridine			
CAT# BIPY034			
	CAS#	[71071-46-0]	
	Formula	C ₁₄ H ₁₂ N ₂ O ₄	
	FW	272.26	
4,4'-Bis(ethoxycarbonyl)-2,2'-bipyridine			
CAT# BIPY037			
	CAS#	[1762-42-1]	
	Formula	C ₁₈ H ₁₆ N ₂ O ₄	
	FW	300.31	
4,4'-Dimethyl-2,2'-bipyridine			
CAT# BIPY050			
	CAS#	[1134-35-6]	
	Formula	C ₁₂ H ₁₂ N ₂	
	FW	184.24	
5,5'-Bis(ethoxycarbonyl)-2,2'-bipyridine			
CAT# BIPY051			
	CAS#	[1762-46-5]	
	Formula	C ₁₆ H ₁₆ N ₂ O ₄	
	FW	300.31	
4-Methyl-2,2'-bipyridine			
CAT# BIPY400			
	CAS#	[56100-19-7]	
	Formula	C ₁₁ H ₁₀ N ₂	
	FW	170.21	
4-Carboxy-2,2'-bipyridine			
CAT# BIPY401			
	CAS#	[1748-89-6]	
	Formula	C ₁₁ H ₈ N ₂ O ₂	
	FW	200.19	
4-Methyl-4'-(3-carboxypropyl)-2,2'-bipyridine			
CAT# BIPY402			
	CAS#	[114527-28-5]	
	Formula	C ₁₅ H ₁₆ N ₂ O ₂	
	FW	256.30	

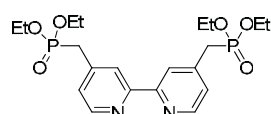
3-(4'-Methyl-[2,2'-bipyridin]-4-yl)propanoic acid			
CAT# BIPY412			
	CAS#	C ₁₄ H ₁₄ N ₂ O ₂	
	Formula		
	FW	242.27	
4-(3-Carboxypropyl)-2,2'-bipyridine			
CAT# BIPY403			
	CAS#	C ₁₄ H ₁₄ N ₂ O ₂	
	Formula		
	FW	242.27	
2,2'-Bipyridine-4-acetic acid			
CAT# BIPY404			
	CAS#	C ₁₂ H ₁₀ N ₂ O ₂	
	Formula		
	FW	214.22	
2,2'-Bipyridine-5-acetic acid			
CAT# BIPY405			
	CAS#	[917874-25-0]	
	Formula	C ₁₂ H ₁₀ N ₂ O ₂	
	FW	214.22	
4-Methyl-4'-carboxy-2,2'-bipyridine			
CAT# BIPY406			
	CAS#	[103946-54-9]	
	Formula	C ₁₂ H ₁₀ N ₂ O ₂	
	FW	214.22	
3-([2,2'-Bipyridin]-4-yl)propanoic acid			
CAT# BIPY413			
	CAS#	C ₁₃ H ₁₂ N ₂ O ₂	
	Formula		
	FW	228.25	
(E)-3-([2,2'-Bipyridin]-4-yl)acrylic acid			
CAT# BIPY415			
	CAS#	C ₁₃ H ₁₀ N ₂ O ₂	
	Formula		
	FW	226.23	
4-([2,2'-Bipyridin]-4-yl)benzoic acid			
CAT# BIPY420			
	CAS#	C ₁₇ H ₁₂ N ₂ O ₂	
	Formula		
	FW	276.29	
[2,2'-Bipyridine]-5,5'-dicarbaldehyde			
CAT# BIPY428			
	CAS#	[135822-72-9]	
	Formula	C ₁₂ H ₈ N ₂ O ₂	
	FW	212.20	
2,2'-Bipyridine-5,5'-dicarboxylic acid			
CAT# BIPY429			
	CAS#	[1802-30-8]	
	Formula	C ₁₂ H ₈ N ₂ O ₄	
	FW	244.20	
4,4'-([2,2'-Bipyridine]-5,5'-diyl)dibenzoic acid			
CAT# BIPY430			
	CAS#	C ₂₄ H ₁₆ N ₂ O ₄	
	Formula		
	FW	396.39	
2,2'-Bipyridine-4,4'-dibutanoic acid			
CAT# BIPY442			
	CAS#	[447450-80-8]	
	Formula	C ₁₈ H ₂₀ N ₂ O ₄	
	FW	328.36	
5-Carboxy-2,2'-bipyridine			
CAT# BIPY443			
	CAS#	[1970-80-5]	
	Formula	C ₁₁ H ₈ N ₂ O ₂	
	FW	200.19	
5-Methyl-2,2'-bipyridine			
CAT# BIPY444			
	CAS#	[56100-20-0]	
	Formula	C ₁₁ H ₁₀ N ₂	
	FW	170.21	
4,4'-Dioctyl-2,2'-bipyridine			
CAT# BIPY515			
	CAS#	[71879-24-8]	
	Formula	C ₂₆ H ₄₀ N ₂	
	FW	380.61	
4,4'-Dinonyl-2,2'-bipyridine			
CAT# BIPY516			
	CAS#	[142646-58-0]	
	Formula	C ₂₈ H ₄₄ N ₂	
	FW	408.66	
4-(Bromomethyl)-2,2'-bipyridine			
CAT# BIPY513			
	CAS#	C ₁₁ H ₉ BrN ₂	
	Formula		
	FW	249.11	
4-Bromomethyl-4'-methyl-2,2'-bipyridin			
CAT# BIPY517			
	CAS#	[81998-05-2]	
	Formula	C ₁₂ H ₁₁ BrN ₂	
	FW	263.13	

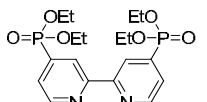
6-Bromo-2,2'-bipyridine		
CAT# BIPY518		
	CAS#	[10495-73-5]
	Formula	C ₁₀ H ₇ BrN ₂
	FW	235.08

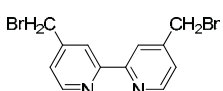
5-Chloro-2,2'-bipyridine		
CAT# BIPY519		
	CAS#	[162612-08-0]
	Formula	C ₁₀ H ₇ ClN ₂
	FW	190.63

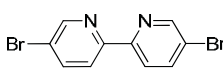
(4'-Methyl-2,2'-bipyridin-4-yl)methanol		
CAT# BIPY520		
	CAS#	[81998-04-1]
	Formula	C ₁₂ H ₁₂ N ₂ O
	FW	200.24

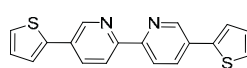
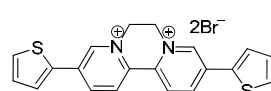
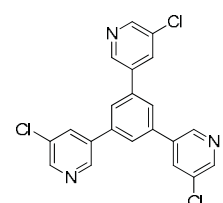
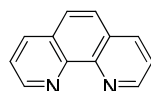
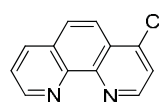
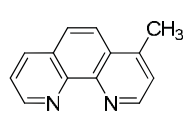
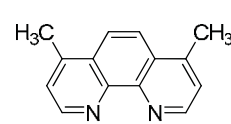
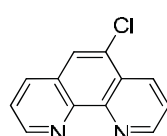
4-(4'-Methyl-2,2'-bipyridin-4-yl)butan-2-ol		
CAT# BIPY521		
	CAS#	[870078-13-0]
	Formula	C ₁₅ H ₁₈ N ₂ O
	FW	242.32

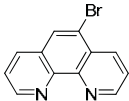
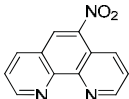
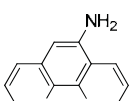
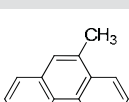
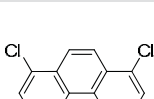
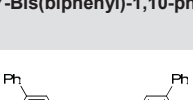
Tetraethyl [2,2'-bipyridine]-4,4'-diylbis(methylene)diphosphonate		
CAT# BIPY525		
	CAS#	[176220-38-5]
	Formula	C ₂₀ H ₃₀ N ₂ O ₆ P ₂
	FW	456.41

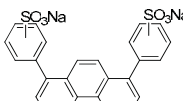
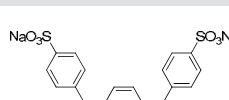
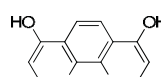
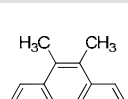
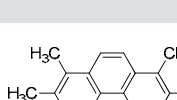
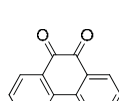
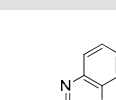
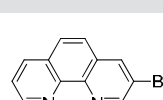
Tetraethyl [2,2'-bipyridine]-4,4'-diylidiphosphonate		
CAT# BIPY526		
	CAS#	[174397-53-4]
	Formula	C ₁₈ H ₂₆ N ₂ O ₆ P ₂
	FW	428.36

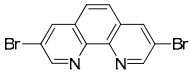
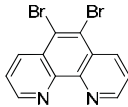
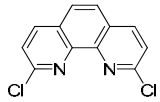
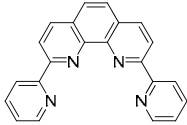
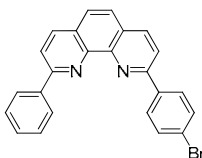
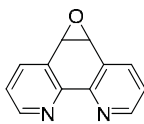
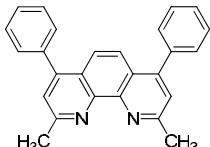
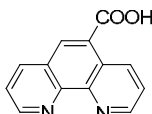
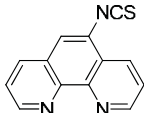
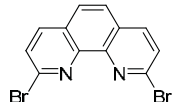
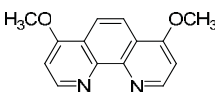
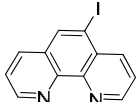
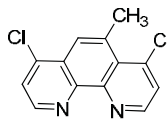
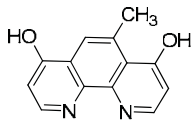
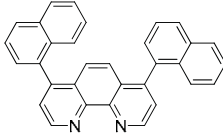
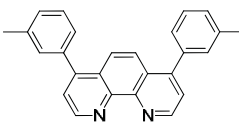
4,4'-Bis(bromomethyl)-2,2'-bipyridine		
CAT# BIPY527		
	CAS#	[134457-14-0]
	Formula	C ₁₂ H ₁₀ Br ₂ N ₂
	FW	342.03

5,5'-Dibromo-2,2'-bipyridine		
CAT# BIPY528		
	CAS#	[15862-18-7]
	Formula	C ₁₀ H ₆ Br ₂ N ₂
	FW	313.98

5,5'-(Dithiophen-2-yl)-2,2'-bipyridine			
CAT# BIPY529			
	CAS#	[182631-76-1]	
	Formula	C ₁₈ H ₁₂ N ₂ S ₂	
	FW	320.43	
3,10-Di(thiophen-2-yl)-6,7-dihydrodipyrido[1,2-a:2',1'-c]pyrazine-5,8-diiumbromide			
CAT# BIPY530			
	CAS#	[2095298-29-4]	
	Formula	C ₂₀ H ₁₆ N ₂ S ₂ Br ₂	
	FW	508.29	
1,3,5-Tris(5-chloropyridin-3-yl)benzene			
CAT# BIPY605			
	CAS#	[2095298-29-4]	
	Formula	C ₂₁ H ₁₂ Cl ₃ N ₃	
	FW	412.70	
1,10-Phenanthroline			
CAT# PHEN068			
	CAS#	[66-71-7]	
	Formula	C ₁₂ H ₈ N ₂	
	FW	180.21	
4-Chloro-1,10-phenanthroline			
CAT# PHEN072			
	CAS#	[1891-14-1]	
	Formula	C ₁₂ H ₇ ClN ₂	
	FW	214.65	
4-Methyl-1,10-phenanthroline			
CAT# PHEN073			
	CAS#	[31301-28-7]	
	Formula	C ₁₃ H ₁₀ N ₂	
	FW	194.23	
4,7-Dimethyl-1,10-phenanthroline			
CAT# PHEN074			
	CAS#	[3248-05-3]	
	Formula	C ₁₄ H ₁₂ N ₂	
	FW	208.26	
5-Chloro-1,10-phenanthroline			
CAT# PHEN079			
	CAS#	[4199-89-7]	
	Formula	C ₁₂ H ₇ ClN ₂	
	FW	214.65	

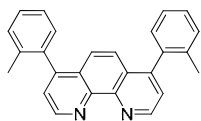
5-Bromo-1,10-phenanthroline		CAT# PHEN080	
	CAS# Formula FW	[40000-20-2] C ₁₂ H ₇ BrN ₂ 259.10	
5-Nitro-1,10-phenanthroline		CAT# PHEN081	
	CAS# Formula FW	[4199-88-6] C ₁₂ H ₇ N ₃ O ₂ 225.20	
5-Amino-1,10-phenanthroline		CAT# PHEN082	
	CAS# Formula FW	[54258-41-2] C ₁₂ H ₉ N ₃ 195.22	
5-Methyl-1,10-phenanthroline		CAT# PHEN083	
	CAS# Formula FW	[3002-78-6] C ₁₃ H ₁₀ N ₂ 194.23	
4,7-Dichloro-1,10-phenanthroline		CAT# PHEN087	
	CAS# Formula FW	[5394-23-0] C ₁₂ H ₆ Cl ₂ N ₂ 249.10	
4,7-Diphenyl-1,10-phenanthroline		CAT# PHEN088	
	CAS# Formula FW λ _{ab} λ _{em}	[1662-01-7] C ₂₄ H ₁₆ N ₂ 332.40 272 nm(THF) 379 nm(THF)	
4,7-Bis(4-bromophenyl)-1,10-phenanthroline		CAT# PHEN089	
	CAS# Formula FW	[97802-08-9] C ₂₄ H ₁₄ Br ₂ N ₂ 490.19	
4,7-Bis(biphenyl)-1,10-phenanthroline		CAT# PHEN091	
	CAS# Formula FW	[96710-07-5] C ₃₆ H ₂₄ N ₂ 484.59	

Bathophenanthroline disulphonic acid disodium		CAT# PHEN092	
	CAS# Formula FW	[53744-42-6] C ₂₄ H ₁₄ N ₂ Na ₂ O ₆ S ₂ 590.53	
* isomeric mixture, see <i>Mag. Res. Chem.</i> , 49(2011)816-823.			
Sodium 4,4'-(1,10-phenanthroline-4,7-diyl)dibenzenesulfonate		CAT# PHEN093	
	CAS# Formula FW	C ₂₄ H ₁₄ N ₂ Na ₂ O ₆ S ₂ 536.49	
4,7-Dihydroxyl-1,10-phenanthroline		CAT# PHEN094	
	CAS# Formula FW	[3922-40-5] C ₁₂ H ₈ N ₂ O ₂ 212.20	
5,6-Dimethyl-1,10-phenanthroline		CAT# PHEN099	
	CAS# Formula FW	[3002-81-1] C ₁₄ H ₁₂ N ₂ 208.26	
3,4,7,8-Tetramethyl-1,10-phenanthroline		CAT# PHEN100	
	CAS# Formula FW	[1660-93-1] C ₁₆ H ₁₆ N ₂ 236.31	
1,10-Phenanthroline-5,6-dione		CAT# PHEN110	
	CAS# Formula FW	[27318-90-7] C ₁₂ H ₆ N ₂ O ₂ 210.19	
Dipyrido[3,2-a:2',3'-c]phenazine		CAT# PHEN111	
	CAS# Formula FW	[19535-47-8] C ₁₈ H ₁₀ N ₄ 282.30	
3-Bromo-1,10-phenanthroline		CAT# PHEN401	
	CAS# Formula FW	[66127-01-3] C ₁₂ H ₇ BrN ₂ 259.10	

3,8-Dibromo-1,10-phenanthroline		CAT# PHEN402	
	CAS# Formula FW	[100125-12-0] $C_{12}H_6Br_2N_2$ 338.00	
5,6-Dibromo-1,10-phenanthroline		CAT# PHEN403	
	CAS# Formula FW	[56290-06-3] $C_{12}H_6Br_2N_2$ 338.00	
2,9-Dichloro-1,10-phenanthroline		CAT# PHEN404	
	CAS# Formula FW	[29176-55-4] $C_{12}H_6Cl_2N_2$ 249.10	
2,9-Di-(2'-pyridyl)-1,10-phenanthroline		CAT# PHEN405	
	CAS# Formula FW	[773883-32-2] $C_{22}H_{14}N_4$ 334.37	
2-(4-Bromophenyl)-9-phenyl-1,10-phenanthroline		CAT# PHEN436	
	CAS# Formula FW	[197442-25-4] $C_{24}H_{15}BrN_2$ 411.29	
5,6-Epoxy-5,6-dihydro-1,10-phenanthroline		CAT# PHEN406	
	CAS# Formula FW	[65115-91-5] $C_{12}H_8N_2O$ 196.20	
2,9-Dimethyl-4,7-diphenyl-1,10-phenanthroline		CAT# PHEN407	
	CAS# Formula FW λ_{ab} λ_{em}	[4733-39-5] $C_{26}H_{20}N_2$ 360.45 277 nm (THF) 386 nm (THF)	
1,10-Phenanthroline-5-carboxylic acid		CAT# PHEN408	
	CAS# Formula FW	[630067-06-0] $C_{13}H_9N_2O_2$ 224.21	
5-Isothiocyanato-1,10-phenanthroline		CAT# PHEN410	
	CAS# Formula FW	[75618-99-4] $C_{13}H_7N_3S$ 237.28	
2,9-Dibromo-1,10-phenanthroline		CAT# PHEN412	
	CAS# Formula FW	[39069-02-8] $C_{12}H_6Br_2N_2$ 338.00	
4,7-Dimethoxy-1,10-phenanthroline		CAT# PHEN413	
	CAS# Formula FW	[92149-07-0] $C_{14}H_{12}N_2O_2$ 240.26	
5-Iodo-1,10-phenanthroline		CAT# PHEN414	
	CAS# Formula FW	[630067-12-8] $C_{12}H_7IN_2$ 306.10	
4,7-Dichloro-5-methyl-1,10-phenanthroline		CAT# PHEN415	
	CAS# Formula FW	[503864-02-6] $C_{13}H_8Cl_2N_2$ 262.12	
4,7-Dihydroxyl- 5-methyl-1,10-phenanthroline		CAT# PHEN416	
	CAS# Formula FW	$C_{13}H_{10}N_2O_2$ 226.23	
4,7-Di(naphthalen-1-yl)-1,10-phenanthroline		CAT# PHEN417	
	CAS# Formula FW	[1215007-80-9] $C_{32}H_{20}N_2$ 432.51	
4,7-Dim-tolyl-1,10-phenanthroline		CAT# PHEN418	
	CAS# Formula FW	$C_{26}H_{20}N_2$ 360.45	

4,7-Dio-tolyl-1,10-phenanthroline

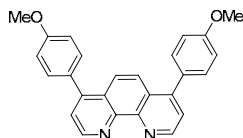
CAT# PHEN419



CAS#
Formula $C_{26}H_{20}N_2$
FW 360.45

4,7-Bis(4-methoxyphenyl)-1,10-phenanthroline

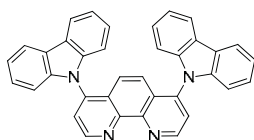
CAT# PHEN420



CAS# [95950-20-2]
Formula $C_{26}H_{20}N_2O_2$
FW 392.45

4,7-Di(9H-carbazol-9-yl)-1,10-phenanthroline

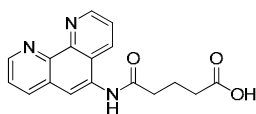
CAT# PHEN421



CAS# [676542-82-8]
Formula $C_{36}H_{22}N_4$
FW 510.59

5-(1,10-Phenanthroline-5-ylamino)-5-oxopentanoic acid

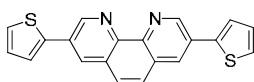
CAT# PHEN422



CAS# [163628-20-4]
Formula $C_{17}H_{15}N_3O_3$
FW 309.32

3,8-(Dithiophen-2-yl)-1,10-phenanthroline

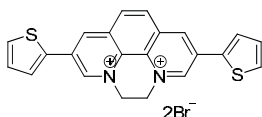
CAT# PHEN423



CAS# [753491-32-6]
Formula $C_{20}H_{12}N_2S_2$
FW 344.45

2,9-Di(thiophen-2-yl)-5,6-dihydropyrazino[1,2,3,4-*lmn*][1,10]phenanthroline-4,7-diiumbromide

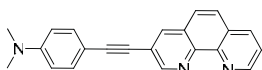
CAT# PHEN424



CAS#
Formula $C_{22}H_{16}Br_2N_2S_2$
FW 532.31

4,-((1,10-Phenanthroline-3-yl)ethynyl)-*N,N'*-dimethylaniline

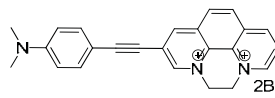
CAT# PHEN425



CAS#
Formula $C_{22}H_{17}N_3$
FW 323.39

2-((4-(Dimethylamino)phenyl)ethynyl)-5,6-dihydropyrazino[1,2,3,4-*lmn*][1,10]phenanthroline-4,7-diiumbromide

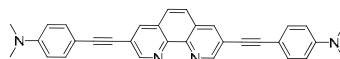
CAT# PHEN426



CAS#
Formula $C_{24}H_{21}N_3Br_2$
FW 511.25

4,4'-(1,10-Phenanthroline-3,8-diyl)bis(ethyne-2,1-diyl)bis(*N,N*-dimethylaniline)

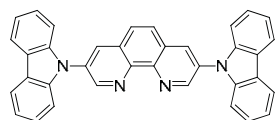
CAT# PHEN427



CAS# [250635-23-5]
Formula $C_{32}H_{26}N_4$
FW 466.58

3,8-Di(9H-carbazol-9-yl)-1,10-phenanthroline

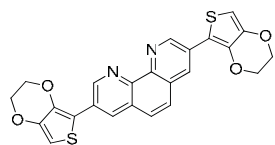
CAT# PHEN428



CAS# [796847-41-1]
Formula $C_{36}H_{22}N_4$
FW 510.59

3,8-Bis(2,3-dihydrothieno[3,4-*b*][1,4]dioxin-5-yl)-1,10-phenanthroline

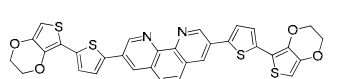
CAT# PHEN430



CAS# [1001330-07-9]
Formula $C_{24}H_{16}N_2O_4S_2$
FW 460.52

3,8-Bis(5-(2,3-dihydrothieno[3,4-*b*][1,4]dioxin-5-yl)thiophen-2-yl)-1,10-phenanthroline

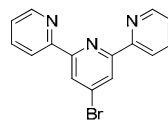
CAT# PHEN450



CAS#
Formula $C_{32}H_{20}N_2O_4S_4$
FW 624.77

4-Bromo-2,2':6',2''-terpyridine

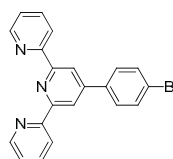
CAT# TEPY003



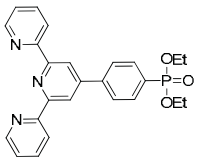
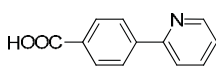
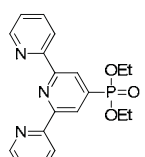
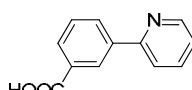
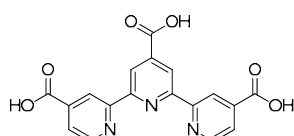
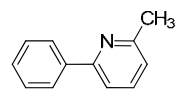
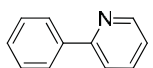
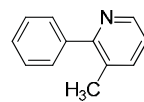
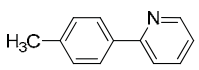
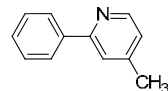
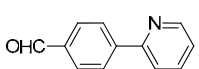
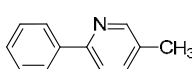
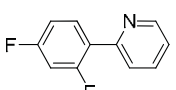
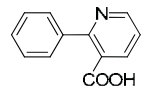
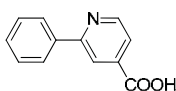
CAS# [149817-62-9]
Formula $C_{15}H_{10}BrN_3$
FW 312.17

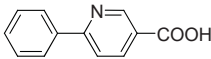
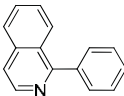
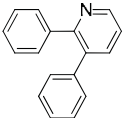
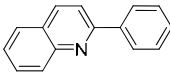
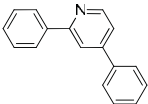
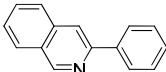
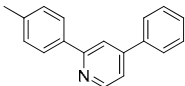
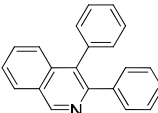
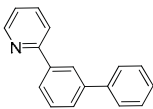
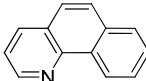
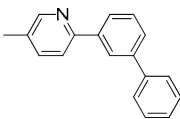
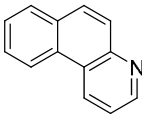
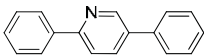
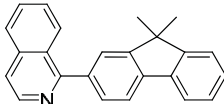
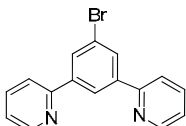
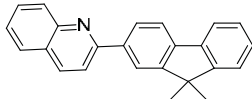
4'-(4-Bromophenyl)-2,2':6',2''-terpyridine

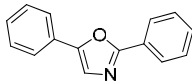
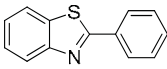
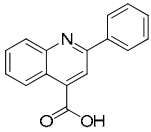
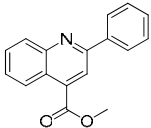
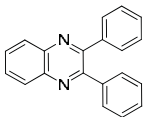
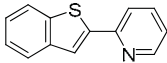
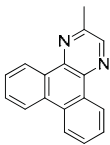
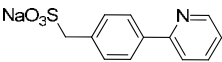
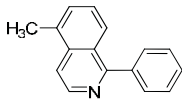
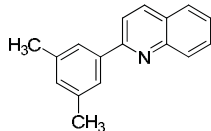
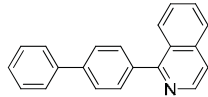
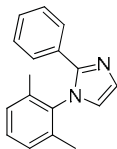
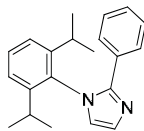
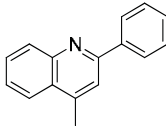
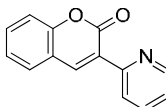
CAT# TEPY004



CAS# [89972-76-9]
Formula $C_{21}H_{14}BrN_3$
FW 388.26

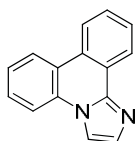
Diethyl-4-(4-phenylphosphonate)- 2,2':6',2''-terpyridine CAT# TEPY005  CAS# [194800-58-3] Formula $C_{25}H_{24}N_3O_3P$ FW 445.45	4-Pyridin-2-yl-benzoic acid CAT# CN605  CAS# [4385-62-0] Formula $C_{12}H_9NO_2$ FW 199.21
Diethyl-4-phosphonate-2,2':6',2''-terpyridine CAT# TEPY006  CAS# [161583-75-1] Formula $C_{19}H_{20}N_3O_3P$ FW 369.35	3-Pyridin-2-yl-benzoic acid CAT# CN606  CAS# [4467-07-6] Formula $C_{12}H_9NO_2$ FW 199.21
[2,2':6',2''-Terpyridine]-4,4',4''-tricarboxylic acid CAT# TEPY020  CAS# [216018-58-5] Formula $C_{18}H_{11}N_3O_6$ FW 365.30	2-Methyl-6-phenylpyridine CAT# CN607  CAS# [46181-30-0] Formula $C_{12}H_{11}N$ FW 169.22
C^N Cyclometalating Ligands	
2-Phenylpyridine CAT# CN601  CAS# [1008-89-5] Formula $C_{11}H_9N$ FW 155.20	3-Methyl-2-phenylpyridine CAT# CN608  CAS# [10273-90-2] Formula $C_{12}H_{11}N$ FW 169.22
2-(4-Tolyl)pyridine CAT# CN602  CAS# [4467-06-5] Formula $C_{12}H_{11}N$ FW 169.22	4-Methyl-2-phenylpyridine CAT# CN609  CAS# [3475-21-6] Formula $C_{12}H_{11}N$ FW 169.22
4-(2-Pyridyl)benzaldehyde CAT# CN603  CAS# [127406-56-8] Formula $C_{12}H_9NO$ FW 183.21	5-Methyl-2-phenylpyridine CAT# CN610  CAS# [27012-22-2] Formula $C_{12}H_{11}N$ FW 169.22
2-(2,4-Difluorophenyl)pyridine CAT# CN604  CAS# [391604-55-0] Formula $C_{11}H_7NF_2$ FW 191.18	2-Phenylpicotinic acid CAT# CN611  CAS# [33421-39-5] Formula $C_{12}H_9NO_2$ FW 199.21
	2-Phenylpyridine-4-carboxylic acid CAT# CN612  CAS# [55240-51-2] Formula $C_{12}H_9NO_2$ FW 199.21

6-Phenylpyridine-3-carboxylic acid CAT# CN613  CAS# [29051-44-3] Formula $C_{12}H_9NO_2$ FW 199.21	1-Phenylisoquinoline CAT# CN617  CAS# [3297-72-1] Formula $C_{15}H_{11}N$ FW 205.25
2,3-Diphenylpyridine CAT# CN614  CAS# [33421-53-3] Formula $C_{17}H_{13}N$ FW 231.29	2-Phenylquinoline CAT# CN618  CAS# [612-96-4] Formula $C_{15}H_{11}N$ FW 205.25
2,4-Diphenylpyridine CAT# CN615  CAS# [26274-35-1] Formula $C_{17}H_{13}N$ FW 231.29	3-Phenylisoquinoline CAT# CN619  CAS# [37993-76-3] Formula $C_{15}H_{11}N$ FW 205.25
4-Phenyl-2-(p-tolyl)pyridine CAT# CN950  CAS# Formula $C_{18}H_{15}N$ FW 245.32	3,4-Diphenylisoquinoline CAT# CN620  CAS# [52839-45-9] Formula $C_{21}H_{15}N$ FW 281.35
2-([1,1'-Biphenyl]-3-yl)pyridine CAT# CN709  CAS# [458541-39-4] Formula $C_{17}H_{13}N$ FW 231.29	Benzo[h]quinoline CAT# CN621  CAS# [230-27-3] Formula $C_{13}H_9N$ FW 179.22
2-([1,1'-Biphenyl]-3-yl)-5-methylpyridine CAT# CN710  CAS# Formula $C_{18}H_{15}N$ FW 245.32	Benzo[f]quinoline CAT# CN639  CAS# [85-02-9] Formula $C_{13}H_9N$ FW 179.22
2,5-Diphenylpyridine CAT# CN616  CAS# [15827-72-2] Formula $C_{17}H_{13}N$ FW 231.29	1-(9,9-Dimethyl-9H-fluoren-2-yl)-isoquinoline CAT# CN622  CAS# [435277-99-9] Formula $C_{24}H_{19}N$ FW 321.41
2,2'-(5-Bromo-1,3-phenylene)dipyridine CAT# CN646  CAS# [150239-89-7] Formula $C_{16}H_{11}BrN_2$ FW 311.18	2-(9,9-Dimethyl-9H-fluoren-2-yl)-quinoline CAT# CN623  CAS# [889750-37-2] Formula $C_{24}H_{19}N$ FW 321.41

2,5-Diphenyloxazole		CAT# CN624	
	CAS# [92-71-7] Formula C ₁₅ H ₁₁ NO FW 221.25		
2-Phenylbenzothiazole		CAT# CN625	
	CAS# [883-93-2] Formula C ₁₃ H ₉ NS FW 211.28		
2-Phenylquinoline acid		CAT# CN626	
	CAS# [132-60-5] Formula C ₁₆ H ₁₁ NO ₂ FW 249.26		
Methyl-2-phenyl-4-quinolinecarboxylate		CAT# CN627	
	CAS# [4546-48-9] Formula C ₁₇ H ₁₃ NO ₂ FW 263.29		
2,3-Diphenylquinoxaline		CAT# CN628	
	CAS# [1684-14-6] Formula C ₂₀ H ₁₄ N ₂ FW 282.34		
2-(Benzo[b]thiophen-2-yl)pyridine		CAT# CN629	
	CAS# [38210-35-4] Formula C ₁₃ H ₉ NS FW 211.28		
2-Methyldibenzo[f,h]quinoxaline		CAT# CN630	
	CAS# [536753-86-3] Formula C ₁₇ H ₁₂ N ₂ FW 244.29		
(4-(Pyridin-2-yl)phenyl)methane sodium sulfonate		CAT# CN631	
	CAS# Formula C ₁₂ H ₁₀ NO ₃ SNa FW 271.27		
5-Methyl-1-phenylisoquinoline		CAT# CN632	
	CAS# [700380-16-1] Formula C ₁₆ H ₁₃ N FW 219.28		
2-(3,5-Dimethylphenyl)quinoline		CAT# CN633	
	CAS# [1056451-44-5] Formula C ₁₇ H ₁₅ N FW 233.31		
1-(Biphenyl-4-yl)isoquinoline		CAT# CN634	
	CAS# [110746-63-9] Formula C ₂₁ H ₁₅ N FW 281.35		
1-(2,6-Dimethylphenyl)-2-phenyl-1H-imidazole		CAT# CN635	
	CAS# [914306-48-2] Formula C ₁₇ H ₁₆ N ₂ FW 248.32		
1-(2,6-Diisopropylphenyl)-2-phenyl-1H-imidazole		CAT# CN636	
	CAS# [914306-50-6] Formula C ₂₁ H ₂₄ N ₂ FW 304.43		
4-Methyl-2-phenylquinoline		CAT# CN637	
	CAS# [4789-76-8] Formula C ₁₆ H ₁₃ N FW 219.28		
3-(Pyridin-2-yl)-2H-chromen-2-one		CAT# CN638	
	CAS# [837-97-8] Formula C ₁₄ H ₉ NO ₂ FW 223.23		

Imidazo[1,2-f]phenanthridine

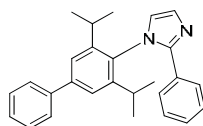
CAT# CN640



CAS# [37694-95-4]
 Formula C₁₅H₁₀N₂
 FW 218.25

1-(3,5-Diisopropylbiphenyl-4-yl)-2-phenyl-1H-imidazole

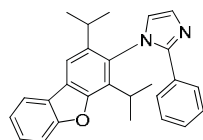
CAT# CN642



CAS#
 Formula C₂₇H₂₈N₂
 FW 380.52

1-(2,4-Diisopropylidibenzo[b,d]furan-3-yl)-2-phenyl-1H-imidazole

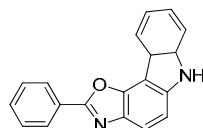
CAT# CN645



CAS#
 Formula C₂₇H₂₆N₂O
 FW 394.51

2-Phenyl-6a,10a-dihydro-6H-oxazolo[4,5-c]carbazole

CAT# CN650

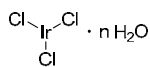


CAS#
 Formula C₁₉H₁₄N₂O
 FW 286.33

Other chemicals

Iridium(III) Chloride hydrate

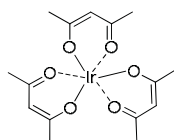
CAT# IR101



CAS# [14996-61-3]
Formula IrCl₃·H₂O
FW 316.59

Tris(pentane-2,4-dionato-O,O')iridium

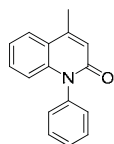
CAT# IR102



CAS# [15635-87-7]
Formula C₁₅H₂₁IrO₆
FW 489.54

4-Methyl-1-phenyl-2(1H)-quinolone

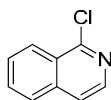
CAT# OC1001



CAS# [2540-30-9]
Formula C₁₆H₁₃NO
FW 235.28

1-Chloroisoquinoline

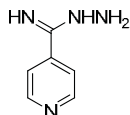
CAT# OC1002



CAS# [19493-44-8]
Formula C₉H₆ClN
FW 163.60

Isonicotinimidohydrazide

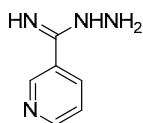
CAT# OC1011



CAS#
Formula C₆H₈N₄
FW 136.15

Nicotinimidohydrazide

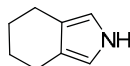
CAT# OC1012



CAS#
Formula C₆H₈N₄
FW 136.15

4,5,6,7-Tetrahydro-2H-isoindole

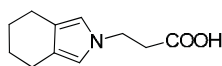
CAT# OC1003



CAS# [51649-35-5]
Formula C₈H₁₁N
FW 121.18

3-(4,5,6,7-Tetrahydro-2H-isoindol-2-yl)propanoic acid

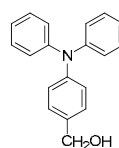
CAT# OC1004



CAS#
Formula C₁₁H₁₅NO₂
FW 193.24

(4-(Diphenylamino)phenyl)methanol

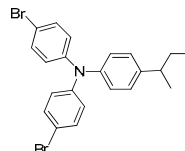
CAT# OC1005



CAS# [25069-40-3]
Formula C₁₈H₁₇NO
FW 275.34

4-Bromo-N-(4-bromophenyl)-N-(4-(sec-butyl)phenyl)aniline

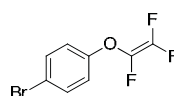
CAT# OC1052



CAS# [287976-94-7]
Formula C₂₂H₂₁Br₂N
FW 459.22

1-Bromo-4-(1,2,2-trifluorovinyloxy)benzene

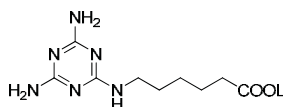
CAT# OC1006



CAS# [184910-53-0]
Formula C₈H₄BrF₃O
FW 253.02

lithium 6-(4,6-diamino-1,3,5-triazin-2-ylamino)hexanoate

CAT# OC1007

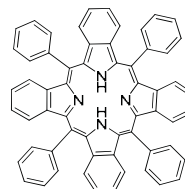


CAS#
Formula C₉H₁₅LiN₆O₂
FW 246.20

Tetraphenyltetrabenzoporphyrin

TPBP

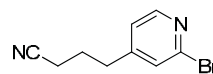
CAT# OC1008



CAS# [80528-89-8]
Formula C₆₀H₃₈N₄
FW 814.97

4-(2-Bromopyridin-4-yl)butanenitrile

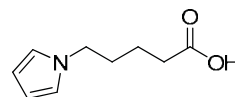
CAT# OC1009



CAS#
Formula C₉H₉BrN₂
FW 225.09

5-(1H-pyrrol-1-yl)pentanoic acid

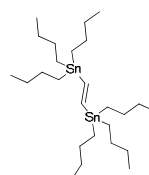
CAT# OC1010



CAS# [145511-35-9]
Formula C₉H₁₃NO₂
FW 167.21

(E)-1,2-bis(tributylstannyl)ethene

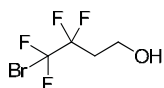
CAT# OC1013



CAS# [14275-61-7]
Formula C₂₈H₅₆Sn₂
FW 606.14

4-Bromo-3,3,4,4-tetrafluorobutan-1-ol

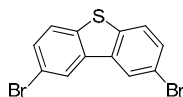
CAT# OC1019



CAS# [234443-21-1]
Formula $C_4H_5BrF_4O$
FW 224.98

2,8-Dibromodibenzo[b,d]thiophene

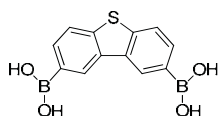
CAT# OC1026



CAS# [31574-87-5]
Formula $C_{12}H_6Br_2S$
FW 342.05

Dibenzo[b,d]thiophene-2,8-diylboronic acid

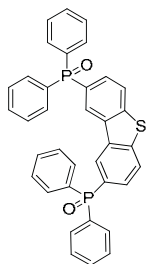
CAT# OC1038



CAS# [761405-37-2]
Formula $C_{12}H_{10}B_2O_4S$
FW 271.89

Dibenzo[b,d]thiophene-2,8-diylbis(diphenylphosphine oxide)

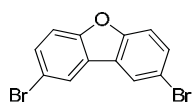
CAT# OC1039



CAS# [1019842-99-9]
Formula $C_{36}H_{26}O_2P_2S$
FW 584.60

2,8-Dibromodibenzo[b,d]furan

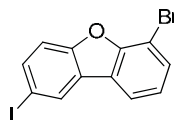
CAT# OC1027



CAS# [1219842-99-9]
Formula $C_{12}H_6Br_2O$
FW 325.98

6-Bromo-2-iododibenzo[b,d]furan

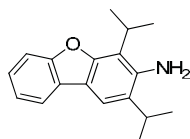
CAT# OC1029



CAS# [916435-45-5]
Formula $C_{12}H_6BrIO$
FW 372.98

2,4-Diisopropyldibenzo[b,d]furan-3-amine

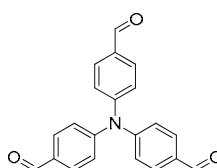
CAT# OC1035



CAS# [1332881-95-4]
Formula $C_{18}H_{21}NO$
FW 267.37

4,4',4''-Nitrilotribenzaldehyde

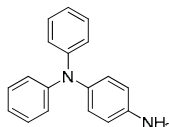
CAT# OC1040



CAS# [119001-43-3]
Formula $C_{21}H_{15}NO_3$
FW 329.35

N,N-Diphenyl-p-phenylenediamine

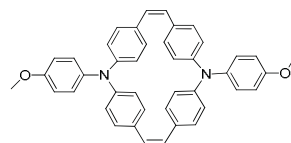
CAT# OC1045



CAS# [2350-01-8]
Formula $C_{18}H_{16}N_2$
FW 260.33

N,N-diphenyl-4-methoxyaniline dimmer

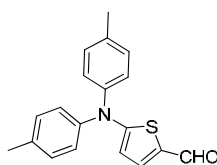
CAT# OC1046



CAS# /
Formula $C_{42}H_{34}N_2O_2$
FW 598.73

5-(Di-p-tolylamino)thiophene-2-carbaldehyde

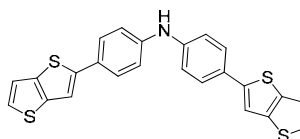
CAT# OC1047



CAS# [98660-86-7]
Formula $C_{19}H_{17}NOS$
FW 307.41

Bis(4-(thieno[3,2-b]thiophen-2-yl)phenyl)amine

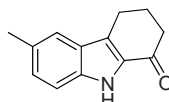
CAT# OC1048



CAS# [1219842-99-9]
Formula $C_{24}H_{16}NS_4$
FW 445.64

6-Methyl-2,3,4,9-tetrahydro-1H-carbazol-1-one

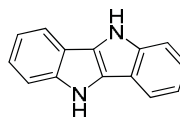
CAT# OC1050



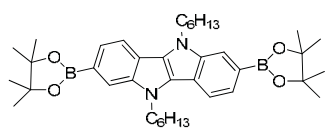
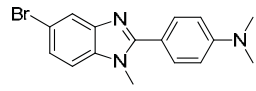
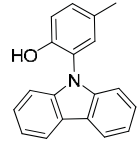
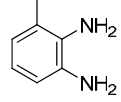
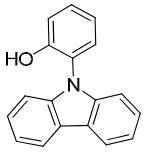
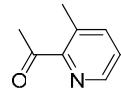
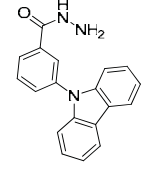
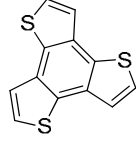
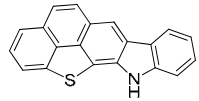
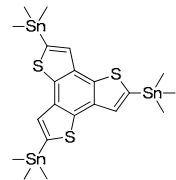
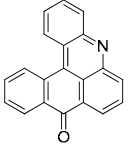
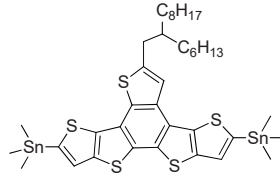
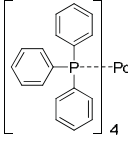
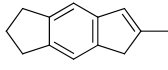
CAS# [1332881-95-4]
Formula $C_{13}H_{13}NO$
FW 199.25

5,10-Dihydroindolo[3,2-b]indole

CAT# OC1053

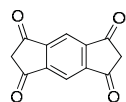


CAS# [3682-85-7]
Formula $C_{14}H_{10}N_2$
FW 206.24

5,10-Dihexyl-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-5,10-dihydroindolo[3,2-b]indole CAT# OC1051	4-(5-Bromo-1-methyl-1H-benzo[d]imidazol-2-yl)-N,N-dimethylaniline CAT# OC1110
 CAS# [2057469-39-1] Formula $C_{38}H_{56}B_2N_2O_4$ FW 626.48	 CAS# / Formula $C_{16}H_{16}BrN_3$ FW 330.22
2-(9H-carbazol-9-yl)-4-methylphenol CAT# OC1054	3-Methyl-1,2-phenylenediamine CAT# OC1120
 CAS# [620987-78-2] Formula $C_{19}H_{15}NO$ FW 273.33	 CAS# [2687-25-4] Formula $C_7H_9N_2$ FW 122.17
2-(9H-carbazol-9-yl)phenol CAT# OC1055	2-Acetyl-3-Methylpyridine CAT# OC1150
 CAS# / Formula $C_{18}H_{13}NO$ FW 259.30	 CAS# [85279-30-7] Formula C_8H_9NO FW 135.16
3-Carbazol-9-ylbenzhydrazide CAT# OC1056	Benzo[1,2-b:3,4-b':5,6-b'']trithiophene CAT# OC1160
 CAS# / Formula $C_{19}H_{15}N_3O$ FW 301.34	 CAS# [29150-63-8] Formula $C_{12}H_6S$ FW 246.37
11H-thieno[2',3',4',5':4,5]phenanthro[3,2-b]indole CAT# OC1057	2,5,8-Tris(trimethylstannyl)benzo[1,2-b:3,4-b':5,6-b'']trithiophene CAT# OC1161
 CAS# / Formula $C_{20}H_{11}NS$ FW 297.37	 CAS# [1289556-30-4] Formula $C_{21}H_{30}S_3Sn_3$ FW 734.79
9H-naphtho[3,2,1-k]acridin-9-one CAT# OC1082	(5-(2-Hexyldecyl)benzo[1,2-b:3,4-b':6,5-b'']trithiophene-2,8-diyl)bis(trimethylstannane) DTBTT-2Sn CAT# OC1163
 CAS# / Formula $C_{20}H_{11}NO$ FW 281.31	 CAS# / Formula $C_{38}H_{54}S_5Sn_2$ FW 908.58
Tetrakis(triphenylphosphine)palladium(0) CAT# OC1100	6-Methyl-1,2,3,5-tetrahydros-indacene CAT# OC1165
 CAS# [14221-01-3] Formula $C_{72}H_{60}P_4Pd$ FW 1155.59	 CAS# [202667-45-6] Formula $C_{13}H_{14}$ FW 170.25

S-indacene-1,3,5,7(2H,6H)-tetraone

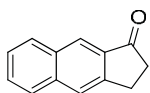
CAT# OC1166



CAS# [53910-13-7]
Formula C₁₂H₆O₄
FW 214.17

2,3-Dihydro-1H-cyclopenta[b]naphthalen-1-one

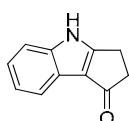
CAT# OC1170



CAS# [109341-49-3]
Formula C₁₃H₁₀O
FW 182.22

2,3-Dihydrocyclopenta[b]indol-1(4H)-one

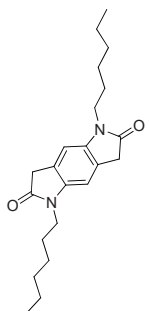
CAT# OC1171



CAS# [61364-20-3]
Formula C₁₁H₉NO
FW 171.20

1,5-Dihexyl-5,7-dihydropyrrolo[2,3-f]indole-2,6(1H,3H)-dione

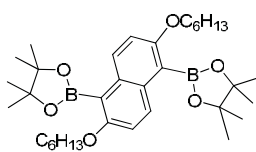
CAT# OC1196



CAS# [929541-15-1]
Formula C₂₂H₃₂N₂O₂
FW 356.50

2,2'-(2,6-Bis(hexyloxy)naphthalene-1,5-diyl)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane)

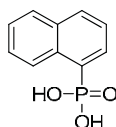
CAT# OC1159



CAS# /
Formula C₃₄H₅₄B₂O₆
FW 580.41

Naphthalen-1-ylphosphonic acid

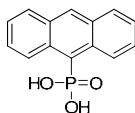
CAT# OC1172



CAS#
Formula C₁₀H₉O₃P
FW 208.15

Anthracen-9-ylphosphonic acid

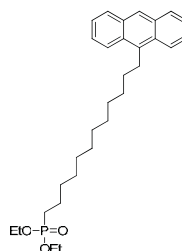
CAT# OC1174



CAS#
Formula C₁₄H₁₁O₃P
FW 258.21

Diethyl 12-(anthracen-9-yl)dodecylphosphonate

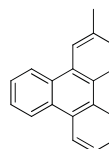
CAT# OC1175



CAS#
Formula C₃₀H₄₃O₃P
FW 482.63

2-Methyltriphenylene

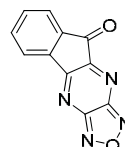
CAT# OC1185



CAS#
Formula C₁₉H₁₄
FW 242.31

9H-indeno[1,2-b][1,2,5]oxadiazolo[3,4-e]pyrazin-9-one

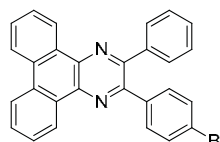
CAT# OC1181



CAS# [67200-34-4]
Formula C₁₁H₄N₄O₂
FW 224.18

2-(4-Bromophenyl)-3-phenyldibenzo[f,h]quinoxaline

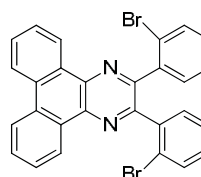
CAT# OC1186



CAS# /
Formula C₂₈H₁₇BrN₂
FW 461.35

2,3-Bis(2-bromophenyl)dibenzo[f,h]quinoxaline

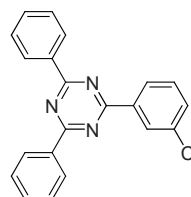
CAT# OC1187



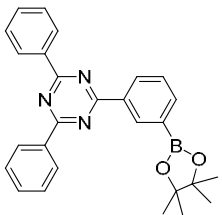
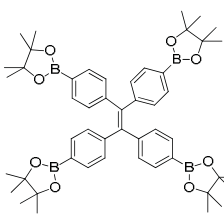
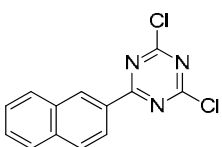
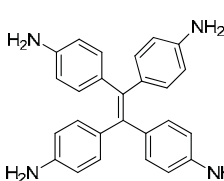
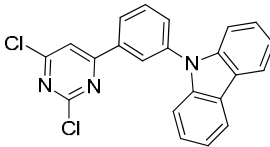
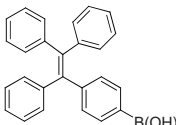
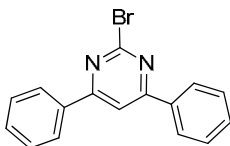
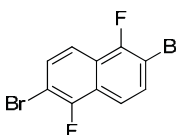
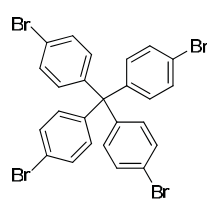
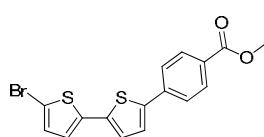
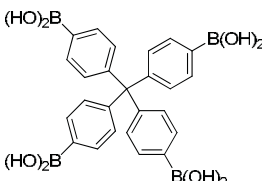
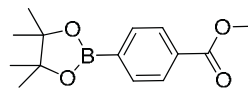
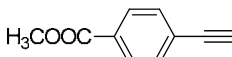
CAS# /
Formula C₂₈H₁₆Br₂N₂
FW 540.25

2-(3-Chlorophenyl)-4,6-diphenyl-1,3,5-triazine

CAT# OC1324

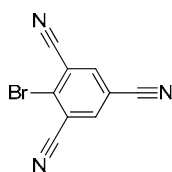


CAS#
Formula C₂₁H₁₄ClN₃
FW 343.81

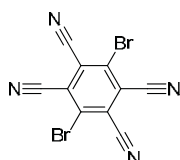
2,4-Diphenyl-6-(3-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)-1,3,5-triazine CAT# OC1325	 CAS# Formula $C_{27}H_{26}BN_3O_2$ FW 435.33	1,1,2,2-Tetrakis(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl)ethane CAT# OC1420	 CAS# Formula $C_{50}H_{64}B_4O_8$ FW 836.28
2,4-Dichloro-6-(naphthalen-2-yl)-1,3,5-triazine CAT# OC1326	 CAS# [112719-97-8] Formula $C_{13}H_7Cl_2N_3$ FW 276.12	4,4',4'',4'''-(Ethene-1,1,2,2-tetrayl)tetraaniline CAT# OC1422	 CAS# [78525-34-5] Formula $C_{26}H_{24}N_4$ FW 392.50
9-(3-(2,6-Dichloropyrimidin-4-yl)phenyl)-9H-carbazole CAT# OC1330	 CAS# / Formula $C_{22}H_{13}Cl_2N_3$ FW 390.26	(4-(1,2,2-Triphenylvinyl)phenyl)boronic acid CAT# OC1421	 CAS# [1227040-87-0] Formula $C_{26}H_{21}BO_2$ FW 376.25
2-Bromo-4,6-diphenylpyrimidine CAT# OC1328	 CAS# [56181-49-8] Formula $C_{16}H_{11}BrN_2$ FW 311.18	2,6-Dibromo-1,5-difluoronaphthalene CAT# OC1460	 CAS# Formula $C_{10}H_4Br_2F_2$ FW 321.94
Tetrakis(4-bromophenyl)methane CAT# OC1409	 CAS# Formula $C_{25}H_{16}Br_4$ FW 636.01	Methyl 4-(5'-bromo-[2,2'-bithiophen]-5-yl)benzoate CAT# OC1070	 CAS# Formula $C_{16}H_{11}BrO_2S_2$ FW 379.29
4,4',4'',4'''-Methanetetrayltetrakis(benzene-4,1-diyl)tetraboronic acid CAT# OC1410	 CAS# Formula $C_{25}H_{24}B_4O_8$ FW 495.70	Methyl 4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzoate CAT# OC1071	 CAS# [171364-80-0] Formula $C_{14}H_{19}BO_4$ FW 262.11
		Methyl 4-ethynylbenzoate CAT# OC1092	 CAS# [3034-86-4] Formula $C_{10}H_8O_2$ FW 160.17

2-Bromobenzene-1,3,5-tricarbonitrile

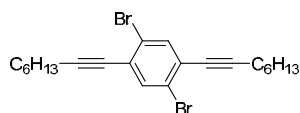
CAT# OC1093


CAS# [13520-05-3]
Formula $C_9H_2BrN_3$
FW 232.04
3,6-Dibromobenzene-1,2,4,5-tetracyanitrile

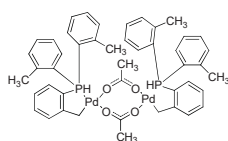
CAT# OC1094


CAS# /
Formula $C_{10}Br_2N_4$
FW 335.94
1,4-Dibromo-2,5-di(oct-1-yn-1-yl)benzene

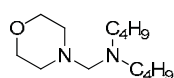
CAT# OC1096


CAS# [190372-19-1]
Formula $C_{22}H_{28}Br_2$
FW 452.27
Trans-Bis(acetato)bis[o-(di-o-tolylphosphino)benzyl]dipalladium(II)

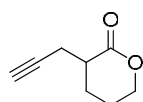
CAT# OC1098


CAS# [172418-32-5]
Formula $C_{48}H_{46}O_4P_2Pd_2$
FW 937.64
N-butyl-N-(morpholinomethyl)butan-1-amine

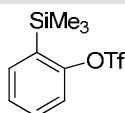
CAT# OC1155


CAS# [67215-50-3]
Formula $C_{13}H_{28}N_2O$
FW 228.37
3-(Prop-2-ynyl)tetrahydro-2H-pyran-2-one

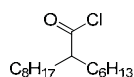
CAT# OC1157


CAS#
Formula $C_8H_{10}O_2$
FW 138.16
2-(Trimethylsilyl)phenyl trifluoromethanesulfonate

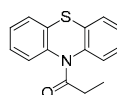
CAT# OC1180


CAS#
Formula $C_{10}H_{13}F_3O_3SSi$
FW 298.35
2-Hexyldecanoyl chloride

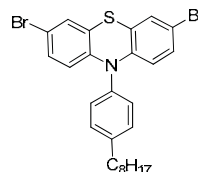
CAT# OC1200


CAS#
Formula $C_{16}H_{31}ClO$
FW 274.87
1-(10H-phenothiazin-10-yl)propan-1-one

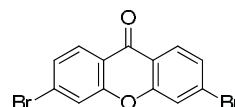
CAT# OC1210


CAS#
Formula $C_{15}H_{13}NOS$
FW 255.33
3,7-Dibromo-10-(4-octylphenyl)-10H-phenothiazine

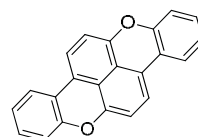
CAT# OC1211


CAS#
Formula $C_{26}H_{27}Br_2NS$
FW 545.37
3,6-Dibromo-9H-xanthen-9-one

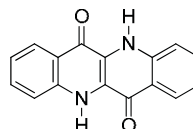
CAT# OC1212


CAS# [40102-85-0]
Formula $C_{13}H_6Br_2O_2$
FW 353.99
Xantheno[2,1,9-mna]xanthene

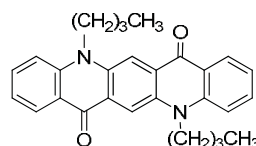
CAT# OC1213


CAS#
Formula $C_{22}H_{12}O_2$
FW 308.33
Dibenzo[b,g][1,5]naphthyridine-6,12(5H,11H)-dione

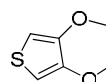
CAT# OC1214


CAS#
Formula $C_{16}H_{10}N_2O_2$
FW 262.26
N,N'-Dibutylquinacridone

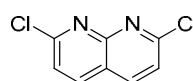
CAT# OC1220

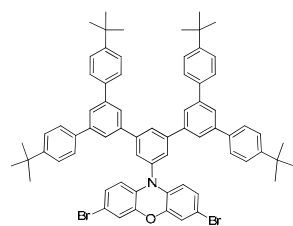

CAS# [99762-80-8]
Formula $C_{28}H_{28}N_2O_2$
FW 424.53
3,4-Dimethoxythiophene

CAT# OC1215

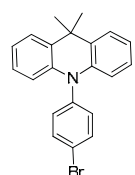

CAS# [51792-34-8]
Formula $C_6H_6O_2S$
FW 144.19
2,7-Dichloro-1,8-naphthyridine

CAT# OC1216

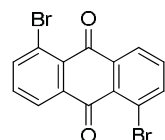

CAS# [55243-02-2]
Formula $C_8H_4Cl_2N_2$
FW 199.04

3,7-Dibromo-10-(4,4''-di-tert-butyl-5',5''-bis(4-(tert-butyl)phenyl)-[1,1':3',1'':3'',1''':3''',1''''-quinquephenyl]-5''-yl)-10H-phenoxazine
CAT# OC1217


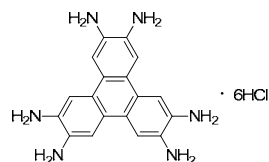
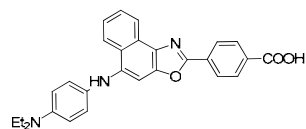
CAS# [1203471-43-5]
 Formula $C_{70}H_{67}Br_2NO$
 FW 1098.10

10-(4-Bromophenyl)-9,9-dimethyl-9,10-dihydroacridine
CAT# OC1218


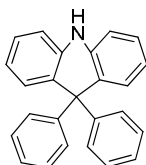
CAS# [1342892-15-2]
 Formula $C_{21}H_{16}BrN$
 FW 364.28

1,5-Dibromoanthracene-9,10-dione
CAT# OC1219


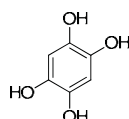
CAS# [602-77-7]
 Formula $C_{14}H_6Br_2O_2$
 FW 366.00

CAT# OC1230

4-(5-(4-(Diethylamino)phenylamino)naphtho[1,2-d]oxazol-2-yl)benzoic acid
CAT# OC1250


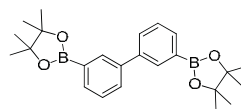
CAS#
 Formula $C_{12}H_8Br_2O$
 FW 325.98

9,9-Diphenyl-9,10-dihydroacridine
CAT# OC1300


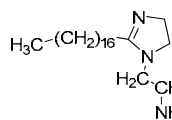
CAS# [20474-15-1]
 Formula $C_{25}H_{19}N$
 FW 333.43

Benzene-1,2,4,5-tetraol
CAT# OC3100


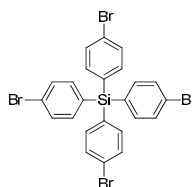
CAS#
 Formula $C_6H_6O_4$
 FW 142.11

3,3'-Bs(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-1,1'-biphenyl
CAT# OC3112


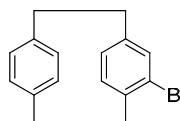
CAS# [850264-92-5]
 Formula $C_{24}H_{32}B_2O_4$
 FW 406.13

2-(2-Heptadecyl-4,5-dihydro-1H-imidazol-1-yl)ethanamine
CAT# OC1310


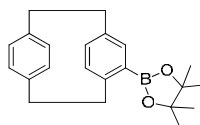
CAS#
 Formula $C_{22}H_{45}N_3$
 FW 351.61

Tetrakis(4-bromophenyl)silane
CAT# OC1800


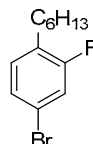
CAS# [18733-98-7]
 Formula $C_{24}H_{16}Br_4Si$
 FW 652.09

4-Bromo(2,2)paracyclophane
CAT# OC1450


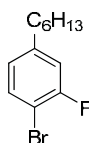
CAS# [1908-61-8]
 Formula $C_{16}H_{15}Br$
 FW 287.19

4-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)paracyclophane
CAT# OC1451


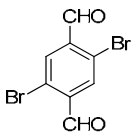
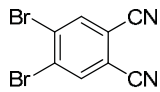
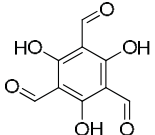
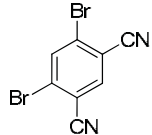
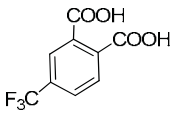
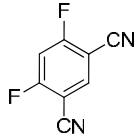
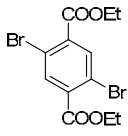
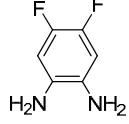
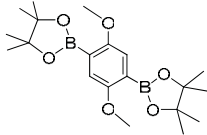
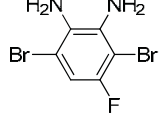
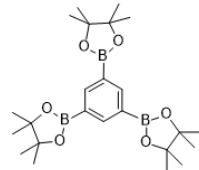
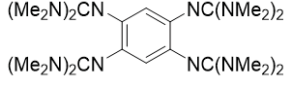
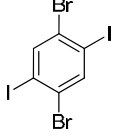
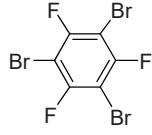
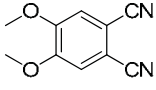
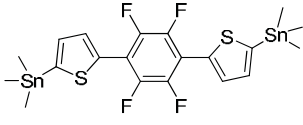
CAS#
 Formula $C_{22}H_{27}BO_2$
 FW 334.26

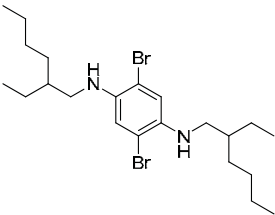
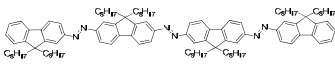
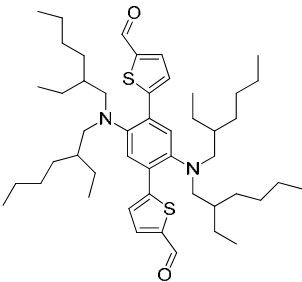
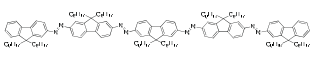
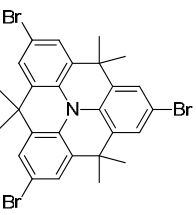
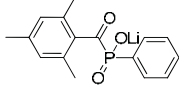
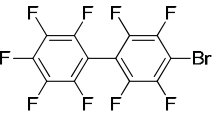
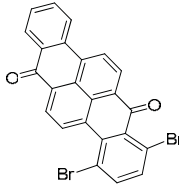
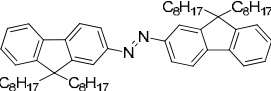
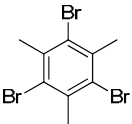
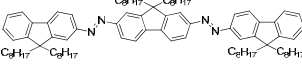
4-Bromo-2-fluoro-1-hexylbenzene
CAT# OC1698


CAS# [1403380-08-4]
 Formula $C_{12}H_{16}BrF$
 FW 259.16

1-Bromo-2-fluoro-4-hexylbenzene
CAT# OC1699


CAS# /
 Formula $C_{12}H_{16}BrF$
 FW 259.16

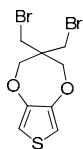
2,5-Dibromoterephthalaldehyde CAT# OC1700  CAS# [63525-48-4] Formula C₈H₄Br₂O₂ FW 291.92	4,5-Dibromophthalonitrile CAT# OC1703  CAS# Formula C₈H₂Br₂N₂ FW 285.92
2,4,6-Trihydroxybenzene-1,3,5-tricarbaldehyde CAT# OC1706  CAS# [34374-88-4] Formula C₉H₆O₆ FW 210.14	4,6-Dibromoisophthalonitrile CAT# OC1704  CAS# [244261-21-0] Formula C₈H₂Br₂N₂ FW 285.92
4-(Trifluoromethyl)phthalic acid CAT# OC1805  CAS# [835-58-5] Formula C₉H₅F₃O₄ FW 234.13	4,6-Difluoroisophthalonitrile CAT# OC1705  CAS# Formula C₈H₂F₂N₂ FW 164.11
Diethyl 2,5-dibromoterephthalate CAT# OC1701  CAS# [18013-97-3] Formula C₁₂H₁₂Br₂O₄ FW 380.03	4,5-Difluorobenzene-1,2-diamine CAT# OC1708  CAS# [76179-40-3] Formula C₆H₆F₂N₂ FW 144.12
2,2'-(2,5-Dimethoxy-1,4-phenylene)bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolane) CAT# OC1801  CAS# [1338777-82-4] Formula C₂₀H₃₂B₂O₆ FW 390.09	3,6-Dibromo-4-fluorobenzene-1,2-diamine CAT# OC1803  CAS# Formula C₆H₅Br₂FN₂ FW 283.92
1,3,5-Tris(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzene CAT# OC1418  CAS# [365564-05-2] Formula C₂₄H₃₀B₃O₆ FW 456.00	2',2'',2''',2'''-(Benzene-1,2,4,5-tetrayl)tetrakis(1,1,3,3-tetramethylguanidine) CAT# OC1709  CAS# Formula C₂₆H₅₀N₁₂ FW 530.76
1,4-Dibromo-2,5-diiodobenzene CAT# OC1702  CAS# [63262-06-6] Formula C₆H₂Br₂I₂ FW 487.70	1,3,5-Tribromo-2,4,6-trifluorobenzene CAT# OC1707  CAS# [2368-49-2] Formula C₆Br₃F₃ FW 368.77
4,5-Dimethoxyphthalonitrile CAT# OC1802  CAS# [88946-67-2] Formula C₁₀H₈N₂O₂ FW 188.18	1,1'-[(2,3,5,6-Tetrafluoro-1,4-phenylene)di-5,2-thiophenediyl]bis[1,1,1-trimethyl-Stannane] CAT# OC1604  CAS# [1449302-74-2] Formula C₂₀H₂₂F₄S₂Sn₂ FW 639.93

2,5-Dibromo-<i>N</i>¹,<i>N</i>⁴-bis(2-ethylhexyl)benzene-1,4-diamine CAT# OC1605	(<i>E</i>)-1,2-bis(7-((<i>E</i>)-(9,9-dioctyl-9<i>H</i>-fluoren-2-yl)diazenyl)-9,9-dioctyl-9<i>H</i>-fluoren-2-yl)diazene OFL3A CAT# OC4003
 CAS# / Formula C₂₂H₃₈Br₂N₂ FW 490.36	 CAS# / Formula C₁₁₆H₁₆₂N₆ FW 1640.57
5,5'-(2,5-Bis(bis(2-ethylhexyl)amino)-1,4-phenylene)bis(thiophene-2-carbaldehyde) CAT# OC1606	(1<i>E</i>,1'<i>E</i>)-2,2'-(9,9-dioctyl-9<i>H</i>-fluorene-2,7-diyl)bis(1-(7-((<i>E</i>)-(9,9-dioctyl-9<i>H</i>-fluoren-2-yl)diazenyl)-9,9-dioctyl-9<i>H</i>-fluoren-2-yl)diazene) OFL4A CAT# OC4004
 CAS# / Formula C₄₈H₇₆N₂O₂S₂ FW 777.26	 CAS# / Formula C₁₄₅H₂₀₂N₈ FW 2057.21
2,6,10-Tribromo-4,4,8,8,12,12-hexamethyl-8,12-dihydro-4<i>H</i>-benzo[1,9]quinoxalino[3,4,5,6,7-<i>defg</i>]acridine CAT# OC1900	Lithium phenyl(2,4,6-trimethylbenzoyl)phosphinate CAT# OC2000
 CAS# [928642-02-8] Formula C₂₇H₂₄Br₃N FW 602.20	 CAS# [85073-19-4] Formula C₁₆H₁₆LiO₃P FW 294.21
4-Bromo-2,2',3,3',4',5,5',6,6'-nonafluoro-1,1'-biphenyl CAT# OC1505	1,4-Dibromodibenzo[<i>c,pqr</i>]tetraphene-7,14-dione Vat Orange 1 CAT# OC4010
 CAS# [1038-65-9] Formula C₁₂BrF₉ FW 395.02	 CAS# [1324-11-4] Formula C₂₄H₁₀Br₂O₂ FW 487.90
(<i>E</i>)-1,2-bis(9,9-dioctyl-9<i>H</i>-fluoren-2-yl)diazene OFLA CAT# OC4001	1,3,5-Tribromo-2,4,6-trimethylbenzene CAT# OC4011
 CAS# [1656266-53-3] Formula C₅₈H₈₂N₂ FW 807.29	 CAS# [608-72-0] Formula C₉H₉Br₃ FW 356.88
(1<i>E</i>,1'<i>E</i>)-2,2'-(9,9-dioctyl-9<i>H</i>-fluorene-2,7-diyl)bis(1-(9,9-dioctyl-9<i>H</i>-fluoren-2-yl)diazene) OFL2A CAT# OC4002	
 CAS# / Formula C₈₇H₁₂₂N₄ FW 1223.93	

Electrochromic Materials

3,3-Bis(bromomethyl)-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine

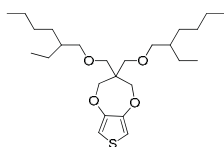
CAT# EC001



CAS# [701209-98-5]
 Formula $C_9H_{10}Br_2O_2S$
 FW 342.05

3,3-Bis(((2-ethylhexyl)oxy)methyl)-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine

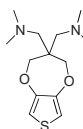
CAT# EC002



CAS# [634591-75-6]
 Formula $C_{28}H_{44}O_4S$
 FW 440.68

1,1'-(3,4-Dihydro-2H-thieno[3,4-b][1,4]dioxepine-3,3-diyl)bis(N,N-dimethylmethanamine)

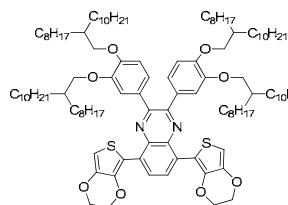
CAT# EC003



CAS#
 Formula $C_{13}H_{22}N_2O_2S$
 FW 270.39

2,3-Bis(3,4-bis((2-octyldodecyl)oxy)phenyl)-5,8-bis(2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)quinoxaline

CAT# EC008



CAS# /
 Formula $C_{112}H_{182}N_2O_6S_2$
 FW 1748.78

Chemical Indices

CAS Number Index

CAS# or CAS RN represents Chemical Abstracts Service Registry Number, which is uniquely assigned to a specific chemical by the American Chemical Society and indexed in Chemical Abstracts published by Chemical Abstracts Service in the US. CAS numbers are used worldwide for accurate identification and quick search of chemicals/materials.

Catalog Number Index

The format of our catalog number of a chemical does not follow a general rule. However, the alphanumeric codes start always with at least two letters.

Both indices are in ascending order.

CAS Number Index

CAS #	Page	CAS #	Page	CAS #	Page
66-71-7	85	1762-42-1	83	5394-23-0	86
85-02-9	90	1762-46-5	83	5660-45-7	60
92-71-7	91	1770-82-7	68	6153-92-0	83
132-60-5	91	1802-30-8	84	6165-68-0	64
147-14-8	10	1891-14-1	85	6558-83-4	25
217-19-6	75	1903-94-2	25	6558-85-6	25
230-27-3	90	1908-61-8	99	6813-38-3	83
241-13-4	58	1970-80-5	84	6825-20-3	25
248-70-4	58	2085-33-8	11	10273-90-2	89
251-41-2	55	2350-01-8	94	10495-73-5	85
251-56-9	71	2368-49-2	100	13520-05-3	98
267-61-8	58	2425-77-6	66	14162-94-8	83
267-65-2	58	2510-01-2	76	14162-95-9	83
366-18-7	83	2540-30-9	93	14221-01-3	95
389-58-2	28	2620-76-0	10	14275-61-7	93
486-52-2	72	2687-25-4	95	14348-75-5	34
602-77-7	99	3002-78-6	86	14544-47-9	7
607-57-8	33	3002-81-1	86	14916-87-1	15
608-72-0	101	3034-86-4	97	14996-61-3	93
612-96-4	90	3096-56-8	34	15155-41-6	43
624-08-8	65	3141-26-2	54	15304-57-1	10
632-15-5	54	3241-20-1	66	15635-87-7	93
633-70-5	70	3241-23-4	66	15827-72-2	90
835-58-5	100	3248-05-3	85	15862-18-7	85
837-97-8	91	3297-72-1	90	16152-10-6	11
883-93-2	91	3475-21-6	89	16433-88-8	33
927-45-7	66	3593-75-7	57	17347-32-9	58
1008-89-5	89	3652-90-2	25	17821-75-9	44
1038-65-9	101	3682-85-7	94	18013-97-3	100
1080-74-6	76	3922-40-5	86	18246-28-1	50
1081-34-1	60	3958-03-0	50	18511-69-8	83
1133-80-8	33	4199-88-6	86	18511-71-2	83
1134-35-6	83	4199-89-7	85	18618-64-9	65
1518-16-7	10	4282-29-5	54	18628-07-4	27
1660-93-1	86	4385-62-0	89	18733-98-7	99
1662-01-7	86	4467-06-5	89	18853-42-4	54
1684-14-6	91	4467-07-6	89	18959-30-3	70
1689-64-1	34	4546-48-9	91	18992-65-9	25
1693-86-3	52	4569-45-3	34	19073-14-4	67
1714-29-0	67	4733-39-5	87	19259-15-5	54
1723-27-9	56	4789-76-8	91	19493-44-8	93
1748-89-6	83	4805-22-5	59	19535-47-8	86
1762-41-0	83	5333-42-6	66	19780-79-1	66

CAS Number Index

CAS #	Page	CAS #	Page	CAS #	Page
20474-15-1	99	40985-58-8	56	71879-24-8	84
21210-90-2	57	46181-30-0	89	74228-25-4	70
22034-13-5	43	50525-27-4	12	75618-99-4	87
22291-04-9	38	50670-76-3	68	76179-40-3	100
22513-16-2	65	50919-77-2	76	76186-72-6	45
22513-17-3	66	51649-35-5	93	77496-07-2	68
23259-98-5	51	51751-44-1	59	80528-89-8	93
25023-01-2	34	51792-34-8	98	81020-78-2	54
25069-38-9	67	52839-45-9	90	81998-04-1	85
25069-40-3	93	53744-42-6	86	81998-05-2	84
25121-83-9	56	54258-41-2	86	83204-68-6	38
25121-87-3	56	54663-78-4	50	84359-61-5	26
25796-77-4	28	54987-01-8	59	85073-19-4	101
25834-16-6	70	55240-51-2	89	85279-30-7	95
26201-32-1	10	55243-02-2	98	85531-02-8	66
26274-35-1	90	56100-19-7	83	86134-26-1	50
27012-22-2	89	56100-20-0	84	88946-67-2	100
27318-90-7	86	56181-49-8	97	88949-34-2	33
28320-31-2	34	56290-06-3	87	89972-76-9	88
28320-32-3	34	58328-31-7	6	91371-12-9	68
29051-44-3	90	58473-78-2	9	91891-74-6	72
29150-63-8	95	58775-05-6	34	92149-07-0	87
29176-55-4	87	59333-62-9	41	92220-65-0	13
29261-33-4	10	60804-74-2	12	94928-86-6	3
29608-87-5	71	61364-20-3	96	95950-20-2	88
31301-28-7	85	62162-97-4	72	96710-07-5	86
32281-36-0	17	62281-05-4	66	97333-46-5	12
33421-39-5	89	62281-06-5	66	97802-08-9	86
33421-53-3	90	62281-07-6	66	98057-08-0	60
33788-00-0	65	63224-42-0	65	98660-86-7	94
36309-88-3	12	63262-06-6	100	99762-80-8	98
36530-06-0	11	63525-48-4	100	100125-12-0	87
36848-40-5	48	64321-35-3	49	103946-54-9	84
37500-95-1	27	65016-62-8	53	105598-27-4	11
37694-95-4	92	65115-91-5	87	108714-73-4	34
37882-75-0	57	65181-78-4	9	109341-49-3	96
37932-46-0	64	66127-01-3	86	109573-90-2	25
37993-76-3	90	67061-69-2	57	110590-81-3	40
38210-35-4	91	67061-73-8	57	110746-63-9	91
39069-02-8	87	67215-50-3	98	112642-69-0	61
40000-20-2	86	67665-47-8	37	112719-97-8	97
40102-85-0	98	69620-20-8	66	114527-28-5	83
40501-41-5	68	71071-46-0	83	116886-71-6	51

CAS Number Index

CAS #	Page	CAS #	Page	CAS #	Page
116971-11-0	52	153312-86-8	28	198964-46-4	35
117901-97-0	40	150239-89-7	90	201802-29-1	8
118129-60-5	40	150405-69-9	11	202667-45-6	95
118688-53-2	9	153312-86-8	28	207739-72-8	14
119001-43-3	94	155166-89-5	60	207742-50-5	59
121134-38-1	51	156545-07-2	64	208124-25-8	64
121219-16-7	65	158937-25-8	65	210705-84-3	52
121848-75-7	67	160032-41-7	56	211737-37-0	59
123148-15-2	12	161583-75-1	89	211737-41-6	60
123847-85-8	9	162612-08-0	85	215611-93-1	10
124796-78-7	57	163628-20-4	88	216018-58-5	89
124796-79-8	57	165190-76-1	44	217655-07-7	66
125143-53-5	59	165617-59-4	47	220694-90-6	11
127406-56-8	89	168267-41-2	64	220770-41-2	50
128055-74-3	37	171082-32-9	70	221544-74-7	6
131660-39-4	9	171364-80-0	97	222554-30-5	52
133750-15-9	54	171408-76-7	36	224453-08-1	72
133953-35-2	72	171408-84-7	37	234443-21-1	94
134457-14-0	85	172100-44-6	71	238756-91-7	50
135822-72-9	84	172418-32-5	98	239075-02-6	59
136630-39-2	25	174397-53-4	85	241477-71-4	54
136630-36-9	68	175922-79-9	58	244261-21-0	100
136902-53-9	72	176220-38-5	85	250597-29-6	34
138372-67-5	11	178931-63-0	60	250635-23-5	88
138625-91-9	53	180729-91-3	71	254755-24-3	35
139092-78-7	6	180729-92-4	71	258527-25-2	28
139255-17-7	9	182631-76-1	85	264281-45-0	72
141029-75-6	33	184910-53-0	93	267220-47-3	24
141215-32-9	45	185350-30-5	60	273381-61-6	9
142646-58-0	84	185690-41-9	6	275793-98-1	9
143367-56-0	59	185691-91-2	60	286438-45-7	35
143418-49-9	65	186259-63-2	36	287976-94-7	93
144836-60-2	27	18766-52-4	43	288071-87-4	45
145511-35-9	93	188690-66-6	42	291535-21-2	53
145929-80-4	16	189363-47-1	14	299962-88-2	39
146162-54-1	11	189367-54-2	34	300700-19-0	8
146408-34-6	66	190723-12-7	54	301206-84-8	78
14727-71-0	67	190723-14-9	55	302554-79-6	35
148044-07-9	6	192198-85-9	11	302554-80-9	35
148546-82-1	64	194416-45-0	67	302554-81-0	35
149005-33-4	4	194800-58-3	89	303734-52-3	51
149817-62-9	88	196207-58-6	35	333432-27-2	47
150405-69-9	11	196491-93-7	17	337526-85-9	3

CAS Number Index

CAS #	Page	CAS #	Page	CAS #	Page
337526-87-1	5	502764-57-0	57	773883-32-2	87
337526-88-2	4	503864-02-6	87	777079-50-2	32
337526-98-4	4	507484-54-0	76	777079-55-7	28
342638-54-4	6	507484-47-1	77	785051-52-7	35
343978-79-0	5	525602-17-9	9	796847-41-1	88
344796-05-0	5	528570-55-0	28	831225-81-1	83
347838-15-7	50	530402-77-8	72	836671-27-3	11
359014-71-4	4	530116-60-6	53	848982-57-0	72
359017-65-5	17	534591-72-5	65	850223-79-3	56
365547-20-2	28	536753-86-3	91	850264-92-5	99
365547-21-3	28	536755-34-7	5	850583-75-4	28
365564-05-2	100	550378-78-4	6	850881-09-3	53
376367-93-0	3	553663-65-3	25	850918-68-2	11
376367-95-2	3	562824-27-5	13	851042-10-9	35
380600-91-9	35	565186-12-1	54	851786-15-7	40
387859-70-3	3	566939-56-8	55	851233-24-4	8
391604-55-0	89	566939-58-0	55	852054-42-3	58
392662-65-6	56	583050-70-8	58	852138-89-7	68
405165-14-2	53	606129-90-2	27	852138-91-1	42
405289-74-9	5	620624-96-6	35	852138-93-3	68
406726-92-9	26	620987-78-2	95	852139-02-7	68
409093-95-4	35	623558-68-9	70	854938-56-0	9
427875-87-4	33	628303-20-8	72	854952-58-2	67
428865-53-6	35	630067-06-0	87	863027-98-9	41
432551-43-4	8	630067-12-8	87	865435-20-7	11
435277-99-9	90	632325-50-9	51	870078-13-0	85
435293-93-9	4	634591-75-6	77	870718-97-1	50
435294-03-4	4	636588-79-9	28	872856-45-6	6
439588-79-1	61	646474-54-6	35	873792-52-0	68
439942-93-5	36	667935-20-8	6	875667-84-8	8
444579-39-9	46	673474-73-2	36	881838-94-4	57
444579-42-4	51	673474-74-3	16	889750-37-2	90
444796-09-2	26	676542-82-8	88	890704-00-4	62
447450-80-8	84	700380-16-1	91	890704-02-6	62
457931-23-6	46	701209-98-5	77	891182-24-4	43
458541-39-4	90	713125-22-5	36	906372-08-5	41
459409-70-2	59	726169-75-1	26	909019-78-9	41
469912-82-1	56	732276-63-0	66	906372-08-5	41
474688-76-1	10	753470-95-0	60	909019-78-9	41
474918-32-6	36	753491-32-6	88	909122-50-5	65
475460-77-6	8	761405-37-2	94	909709-42-8	65
477789-30-3	61	761416-46-0	46	909712-63-6	6
488127-61-3	53	773881-43-9	55	910788-24-8	57

CAS Number Index

CAS #	Page	CAS #	Page	CAS #	Page
911142-72-8	5	1024594-86-2	49	1179993-72-6	46
912922-58-8	68	1025451-57-3	45	1185885-86-2	30
914306-48-2	91	1028647-93-9	27	1185885-88-4	26
914306-50-6	91	1034145-18-0	3	1186415-90-6	53
914394-12-0	3	1040281-83-1	53	1186580-77-7	68
914394-25-5	3	1040390-19-9	71	1192352-08-1	44
914613-38-0	50	1042081-83-1	53	1192352-10-5	44
915224-39-4	61	1040858-84-1	76	1193092-32-8	76
916435-45-5	94	1044598-80-2	31	1194605-72-5	49
917874-25-0	84	1046864-84-9	29	1194605-76-9	49
920504-00-3	28	1049034-67-4	73	1198396-29-0	34
921205-02-9	10	1049034-71-0	73	1198843-27-4	64
921205-03-0	9	1056451-44-5	91	1201921-81-4	28
925425-96-3	9	1056874-46-4	5	1202249-72-6	49
928642-02-8	101	1057401-13-4	29	1203471-43-5	99
929541-15-1	96	1065645-72-8	33	1206875-64-0	37
934365-16-9	47	1065645-75-1	33	1202695-55-3	56
934557-66-1	37	1071224-34-4	43	1207627-85-7	42
939430-26-9	7	1072031-97-0	33	1209012-31-6	72
942130-56-5	39	1088205-02-0	39	1211547-22-6	36
942578-58-7	58	1088205-04-2	39	1215007-80-9	87
942615-32-9	34	1089687-05-7	42	1218771-02-8	75
943148-75-2	40	1089687-06-8	42	1219501-17-3	40
944257-56-1	57	1092363-69-3	57	1220888-44-7	28
944826-48-6	56	1093292-01-3	15	1221254-05-2	23
952431-30-0	8	1098102-93-2	49	1223559-98-5	71
952514-79-3	65	1098102-94-3	18	1224430-28-7	32
953390-94-8	36	1098102-95-4	18	1224430-39-0	52
954374-43-7	39	1100243-35-3	39	1224430-81-2	31
955959-84-9	72	1100243-37-5	41	1224709-68-5	31
955964-73-5	26	1100243-40-0	16	1226782-13-3	18
958261-50-2	15	1100761-34-9	48	1226860-68-9	7
958261-51-3	26	1147124-21-7	69	1227040-87-0	97
958293-23-7	43	1147124-23-9	69	1295502-63-4	45
960509-83-5	62	1147124-49-9	70	1231160-83-0	55
1000623-95-9	30	1152418-56-8	5	1237479-38-7	50
1000623-98-2	31	1160106-12-6	42	1239327-73-1	38
1001330-07-9	88	1160106-15-9	42	1242077-07-1	58
1003562-42-2	4	1160823-76-6	49	1245924-75-7	47
1004524-17-7	54	1160823-77-7	18	1246521-88-9	57
1007347-63-8	60	1160823-78-8	18	1246679-11-7	32
1015423-45-6	55	1171974-28-9	45	1252555-61-5	73
1019842-99-9	94	1173886-71-9	5	1252914-65-0	67

CAS Number Index

CAS #	Page	CAS #	Page	CAS #	Page
1254062-39-9	64	1320201-19-1	19	1402460-83-6	45
1254353-37-1	44	1320201-22-6	19	1403380-08-4	99
1254985-73-3	19	1321590-78-6	18	1403967-25-8	53
1254985-74-4	19	1327155-08-7	70	1403984-36-0	21
1260224-09-6	64	1327334-59-7	49	1412448-63-5	32
1260685-63-9	32	1329054-41-2	34	1415238-25-3	67
1262241-50-8	55	1331833-06-7	3	1415601-55-6	44
1262727-09-2	47	1332640-08-0	15	1415929-76-8	48
1263379-85-6	69	1332881-95-4	94	1415929-78-0	48
1266549-31-8	16	1334686-71-3	46	1420071-64-2	74
1267540-02-2	31	1335015-92-3	29	1420071-65-3	74
1268060-76-9	52	1336893-15-2	18	1421762-30-2	45
1268491-06-0	26	1338777-82-4	100	1421337-72-5	75
1269004-46-7	30	1342311-48-1	61	1426143-77-2	6
1271439-08-7	18	1342892-15-2	99	1427705-63-2	55
1271438-65-3	51	1343457-63-5	74	1431705-25-7	21
1272505-63-1	3	1345699-92-4	52	1432791-00-8	45
1283099-24-0	62	1346688-54-7	33	1432792-09-0	38
1283598-36-6	46	1347736-74-6	44	1433218-20-2	74
1289556-30-4	95	1351986-34-9	32	1438278-03-5	64
1293389-28-2	44	1352642-35-3	19	1439937-07-1	48
1293389-31-7	46	1352642-37-5	20	1443120-32-8	21
1294515-75-5	18	1352743-83-9	49	1444200-40-1	21
1294515-75-5	18	1352743-87-3	24	1445594-20-6	42
1295502-12-3	43	1354631-87-0	31	1446476-79-4	25
1295502-20-3	43	1355015-99-4	58	1446476-90-9	50
1295502-52-1	43	1356240-65-7	41	1448877-07-3	21
1295502-53-2	44	1356861-54-5	51	1449302-74-2	100
1296131-04-8	32	1361418-07-6	73	1450590-67-6	63
1304773-88-3	45	1373834-87-7	22	1452863-84-1	5
1304773-89-4	46	1373834-88-8	46	1454686-04-4	76
1307899-54-2	23	1374601-35-0	47	1455028-34-8	33
1308671-90-0	30	1375748-41-6	38	1459168-68-3	39
1309764-86-0	49	1388231-53-5	11	1467663-05-3	25
1309922-61-9	43	1391764-82-1	24	1469791-66-9	16
1311378-95-6	7	1391764-83-2	24	1473452-21-9	55
1312118-15-2	62	1392422-47-7	30	1476807-53-0	62
1312588-15-0	32	1393528-97-6	64	1482447-24-4	19
1313391-57-9	7	1393529-03-7	16	1500083-25-9	42
1313876-00-4	44	1401068-25-4	72	1504626-07-6	46
1314801-34-7	65	1402132-40-4	53	1514905-25-9	20
1314801-35-8	65	1402460-13-2	22	1539314-80-1	36
1315605-26-5	38	1402460-16-5	22	1547443-69-5	47

CAS Number Index

CAS #	Page	CAS #	Page	CAS #	Page
1558023-86-1	40	1884694-93-2	73	2127354-15-6	15
1563332-28-4	63	1887135-96-7	63	2239295-69-1	20
1569453-45-7	42	1887135-97-8	24	2229934-71-6	14
1581696-33-4	35	1902168-17-5	38	2227382-74-1	69
1610050-61-7	57	1905397-56-9	23	2229934-71-6	14
1610057-05-0	61	1916476-35-1	63	2229934-75-0	74
1610057-24-3	61	1974310-58-4	59		
1611002-56-2	45	2029196-34-5	17		
1612792-27-4	41	2047352-75-8	77		
1613389-30-2	24	2055722-78-4	56		
1613705-06-8	29	2057469-39-1	95		
1614253-96-1	39	2077945-91-4	15		
1616860-69-5	62	2083617-82-5	76		
1616860-72-0	62	2085792-42-1	74		
1619967-07-5	59	2088628-64-0	15		
1619967-08-6	59	2089044-02-8	14		
1619967-09-7	59	2094719-28-3	63		
1620482-25-8	24	2095298-29-4	85		
1623010-63-8	14	2095504-33-7	14		
1623010-64-9	14	2097998-59-7	15		
1623819-67-9	28	2099010-83-8	54		
1625696-07-2	18	2102299-80-7	31		
1627680-06-1	54	2107971-73-1	15		
1628427-36-0	49	2110781-56-9	51		
1638802-04-6	51	2111948-40-2	48		
1644164-62-4	17	2127354-14-5	74		
1644381-95-2	15	2127354-15-6	15		
1646906-26-4	7	2209090-37-7	52		
1644381-95-2	15	2205860-41-7	61		
1646906-26-4	7	2211181-64-3	62		
1656266-53-3	101	2215018-37-2	71		
1664293-06-4	15	2239295-69-1	20		
1668554-22-0	18	2227361-27-3	74		
1666941-77-0	80	2057469-39-1	95		
1774364-87-2	45	2077945-91-4	15		
1800376-55-9	56	2083617-82-5	76		
1800386-92-8	6	2088628-64-0	15		
1821433-54-8	69	2089044-02-8	14		
1822621-71-5	52	2095504-33-7	14		
1877285-47-6	68	2097998-59-7	15		
1878125-76-8	74	2102299-80-7	31		
1883441-92-6	14	2107971-73-1	15		
1883460-37-4	20	2111948-40-2	48		

Catalog Number Index

CAT #	Page	CAT #	Page	CAT #	Page
2IR601	13	BIPY413	84	CN630	91
2IR602	13	BIPY415	84	CN631	91
2IR604	13	BIPY420	84	CN632	91
2IR617	13	BIPY428	84	CN633	91
2IR618	13	BIPY429	84	CN634	91
2IR621	13	BIPY430	84	CN635	91
2IR624	13	BIPY442	84	CN636	91
2IR625	13	BIPY443	84	CN637	91
2IR628	13	BIPY444	84	CN638	91
2IR629	14	BIPY513	84	CN639	90
2IR632	14	BIPY515	84	CN640	92
2IR633	14	BIPY516	84	CN642	92
BA025	64	BIPY517	84	CN645	92
BA030	64	BIPY518	85	CN646	90
BA050	8	BIPY519	85	CN650	92
BA051	8	BIPY520	85	CN709	90
BA052	8	BIPY521	85	CN710	90
BA053	8	BIPY525	85	CN950	90
BA055	8	BIPY526	85	EC001	77
BA060	8	BIPY527	85	EC002	77
BA061	8	BIPY528	85	EC003	77
BA063	8	BIPY529	85	EC008	77
BA105	64	BIPY530	85	EI003	11
BA106	64	BIPY605	85	ET001	11
BA107	65	CN601	89	ET002	11
BA108	65	CN602	89	ET003	11
BA111	65	CN603	89	ET004	11
BA115	65	CN604	89	ET005	11
BA118	65	CN605	89	ET006	11
BA120	65	CN606	89	ET007	11
BA122	65	CN607	89	ET008	11
BIPY001	83	CN608	89	ET009	11
BIPY002	83	CN609	89	ET010	11
BIPY003	83	CN610	89	FD001	8
BIPY015	83	CN611	89	FH001	8
BIPY016	83	CN612	89	HT005	9
BIPY017	83	CN613	90	HT006	9
BIPY018	83	CN614	90	HT007	9
BIPY019	83	CN615	90	HT008	9
BIPY026	83	CN616	90	HT010	9
BIPY029	83	CN617	90	HT012	9
BIPY034	83	CN618	90	HT014	9
BIPY037	83	CN619	90	HT015	9
BIPY050	83	CN620	90	HT016	10
BIPY051	83	CN621	90	HT017	10
BIPY400	83	CN622	90	HT019	10
BIPY401	83	CN623	90	HT020	10
BIPY402	83	CN624	91	HT035	9
BIPY403	84	CN625	91	HT042	10
BIPY404	84	CN626	91	HT043	10
BIPY405	84	CN627	91	HT044	10
BIPY406	84	CN628	91	HI001	10
BIPY412	84	CN629	91	HI002	10

Catalog Number Index

CAT #	Page	CAT #	Page	CAT #	Page
HI003	10	IN1048	26	IN1102	55
HI004	10	IN1049	66	IN1103	56
HI005	10	IN1050	66	IN1104	56
HI006	10	IN1051	65	IN1105	57
HI007	11	IN1052	49	IN1106	58
HI010	11	IN1053	55	IN1107	58
IN1001	25	IN1054	49	IN1108	56
IN1002	26	IN1055	18	IN1109	57
IN1003	25	IN1056	18	IN1110	58
IN1004	26	IN1057	66	IN1111	50
IN1005	9	IN1058	67	IN1112	52
IN1006	43	IN1059	65	IN1113	52
IN1007	49	IN1060	28	IN1114	52
IN1008	26	IN1061	49	IN1115	57
IN1009	26	IN1062	49	IN1116	57
IN1010	28	IN1063	50	IN1117	57
IN1011	28	IN1064	59	IN1118	57
IN1012	35	IN1065	67	IN1119	58
IN1013	59	IN1066	64	IN1120	57
IN1014	49	IN1067	64	IN1121	54
IN1015	71	IN1068	57	IN1122	55
IN1016	18	IN1069	45	IN1123	35
IN1017	49	IN1070	50	IN1124	35
IN1018	58	IN1071	38	IN1125	35
IN1019	49	IN1072	38	IN1126	34
IN1020	38	IN1073	39	IN1127	50
IN1021	38	IN1074	40	IN1128	26
IN1022	39	IN1075	40	IN1129	26
IN1023	39	IN1076	39	IN1130	18
IN1024	59	IN1077	68	IN1131	18
IN1025	59	IN1078	38	IN1132	18
IN1026	62	IN1079	44	IN1133	18
IN1027	61	IN1080	67	IN1134	18
IN1028	41	IN1081	67	IN1135	35
IN1029	26	IN1082	67	IN1138	26
IN1030	65	IN1083	68	IN1139	26
IN1031	65	IN1084	68	IN1140	18
IN1032	62	IN1085	70	IN1141	18
IN1033	62	IN1086	68	IN1142	18
IN1034	71	IN1087	56	IN1143	71
IN1035	71	IN1088	68	IN1144	53
IN1036	41	IN1090	49	IN1145	58
IN1037	44	IN1091	49	IN1146	19
IN1038	44	IN1092	44	IN1147	53
IN1039	44	IN1093	49	IN1148	66
IN1040	33	IN1094	50	IN1149	19
IN1041	33	IN1095	55	IN1150	19
IN1042	65	IN1096	55	IN1151	19
IN1043	65	IN1097	45	IN1152	19
IN1044	67	IN1098	44	IN1153	59
IN1045	51	IN1099	58	IN1154	52
IN1046	42	IN1100	56	IN1155	53
IN1047	64	IN1101	58	IN1158	66

Catalog Number Index

CAT #	Page	CAT #	Page	CAT #	Page
IN1159	58	IN1213	41	IN1266	39
IN1160	19	IN1214	40	IN1267	76
IN1161	19	IN1215	40	IN1268	38
IN1162	19	IN1216	34	IN1269	38
IN1163	59	IN1217	36	IN1270	28
IN1164	38	IN1218	34	IN1271	42
IN1165	21	IN1219	34	IN1272	36
IN1166	58	IN1220	34	IN1273	59
IN1167	22	IN1221	35	IN1274	40
IN1168	22	IN1222	34	IN1275	57
IN1169	23	IN1223	34	IN1276	40
IN1170	19	IN1224	33	IN1277	40
IN1171	19	IN1225	33	IN1278	36
IN1172	20	IN1226	34	IN1279	40
IN1173	22	IN1227	34	IN1280	40
IN1174	22	IN1228	34	IN1281	41
IN1175	22	IN1229	33	IN1282	68
IN1176	22	IN1230	34	IN1283	41
IN1177	24	IN1231	34	IN1284	41
IN1178	23	IN1232	35	IN1285	41
IN1179	23	IN1233	36	IN1288	25
IN1180	22	IN1234	36	IN1289	40
IN1181	22	IN1235	36	IN1290	34
IN1182	23	IN1236	36	IN1291	34
IN1183	57	IN1237	37	IN1293	45
IN1184	23	IN1238	37	IN1294	60
IN1185	23	IN1239	37	IN1295	34
IN1187	18	IN1240	28	IN1296	59
IN1188	22	IN1241	34	IN1297	59
IN1189	19	IN1242	28	IN1298	45
IN1190	23	IN1243	46	IN1299	37
IN1191	23	IN1244	46	IN1300	9
IN1192	24	IN1245	46	IN1301	9
IN1193	17	IN1246	46	IN1302	56
IN1194	50	IN1247	39	IN1303	9
IN1195	45	IN1248	39	IN1304	59
IN1196	45	IN1249	46	IN1305	32
IN1197	46	IN1250	28	IN1306	32
IN1198	44	IN1251	42	IN1307	32
IN1199	46	IN1252	28	IN1308	44
IN1200	60	IN1253	42	IN1309	33
IN1201	47	IN1254	42	IN1310	61
IN1202	47	IN1255	42	IN1311	56
IN1203	47	IN1256	42	IN1312	52
IN1204	60	IN1257	42	IN1313	72
IN1205	60	IN1258	25	IN1314	72
IN1206	60	IN1259	26	IN1315	62
IN1207	59	IN1260	37	IN1316	72
IN1208	55	IN1261	38	IN1317	61
IN1209	39	IN1262	39	IN1318	33
IN1210	39	IN1263	25	IN1319	51
IN1211	40	IN1264	38	IN1320	30
IN1212	40	IN1265	39	IN1321	29

Catalog Number Index

CAT #	Page	CAT #	Page	CAT #	Page
IN1322	28	IN1376	31	IN1432	70
IN1323	28	IN1377	67	IN1433	70
IN1324	32	IN1378	64	IN1434	42
IN1325	29	IN1379	64	IN1435	71
IN1326	29	IN1380	67	IN1436	71
IN1327	30	IN1381	66	IN1437	43
IN1328	31	IN1382	66	IN1438	74
IN1329	31	IN1383	66	IN1439	43
IN1330	32	IN1384	30	IN1440	71
IN1331	32	IN1385	62	IN1441	33
IN1332	31	IN1386	63	IN1442	71
IN1333	31	IN1387	64	IN1443	71
IN1334	30	IN1388	64	IN1444	72
IN1335	30	IN1389	29	IN1445	61
IN1336	31	IN1390	30	IN1446	43
IN1337	32	IN1391	30	IN1447	43
IN1338	29	IN1392	62	IN1448	54
IN1339	29	IN1393	62	IN1449	68
IN1340	30	IN1394	63	IN1450	61
IN1341	33	IN1395	30	IN1451	66
IN1342	33	IN1396	31	IN1452	66
IN1343	30	IN1397	63	IN1453	43
IN1344	30	IN1398	64	IN1454	43
IN1345	31	IN1399	63	IN1455	61
IN1346	29	IN1400	71	IN1456	27
IN1347	29	IN1401	71	IN1457	61
IN1348	47	IN1402	71	IN1458	27
IN1349	47	IN1404	71	IN1459	61
IN1351	66	IN1405	71	IN1460	42
IN1352	66	IN1406	70	IN1461	73
IN1353	69	IN1407	70	IN1462	73
IN1354	69	IN1408	70	IN1463	73
IN1355	29	IN1409	63	IN1464	73
IN1356	29	IN1410	73	IN1465	73
IN1357	30	IN1411	54	IN1466	73
IN1358	50	IN1412	70	IN1467	72
IN1359	69	IN1413	54	IN1468	74
IN1360	69	IN1414	22	IN1469	73
IN1361	69	IN1415	71	IN1470	51
IN1362	69	IN1416	63	IN1471	51
IN1363	69	IN1419	74	IN1472	53
IN1364	69	IN1420	63	IN1473	54
IN1365	69	IN1421	70	IN1474	54
IN1366	70	IN1422	44	IN1475	54
IN1367	69	IN1423	70	IN1476	61
IN1368	70	IN1424	41	IN1477	50
IN1369	70	IN1425	41	IN1478	54
IN1370	64	IN1426	41	IN1479	54
IN1371	62	IN1427	41	IN1480	54
IN1372	64	IN1428	41	IN1481	51
IN1373	64	IN1429	44	IN1482	54
IN1374	31	IN1430	44	IN1483	68
IN1375	31	IN1431	44	IN1484	68

Catalog Number Index

CAT #	Page	CAT #	Page	CAT #	Page
IN1485	68	IN1543	71	IN1615	55
IN1486	68	IN1544	42	IN1616	55
IN1487	68	IN1545	29	IN1617	55
IN1488	54	IN1546	43	IN1619	58
IN1489	54	IN1547	59	IN1620	47
IN1490	52	IN1549	47	IN1621	47
IN1491	52	IN1550	38	IN1623	48
IN1492	52	IN1552	66	IN1625	48
IN1493	52	IN1553	73	IN1626	63
IN1494	52	IN1554	73	IN1627	50
IN1495	52	IN1555	73	IN1628	37
IN1496	51	IN1556	54	IN1629	37
IN1497	51	IN1557	25	IN1632	48
IN1498	60	IN1558	25	IN1634	49
IN1499	60	IN1560	45	IN1637	53
IN1500	60	IN1561	47	IN1638	63
IN1501	60	IN1562	45	IN1641	62
IN1502	56	IN1563	45	IN1642	62
IN1503	42	IN1564	46	IN1645	62
IN1504	60	IN1565	46	IN1646	62
IN1505	61	IN1566	46	IN1648	62
IN1506	51	IN1567	45	IN1650	48
IN1507	43	IN1568	46	IN1651	48
IN1508	43	IN1569	45	IN1652	48
IN1509	43	IN1570	47	IN1653	48
IN1510	43	IN1572	47	IN1654	48
IN1511	43	IN1573	47	IN1655	48
IN1512	50	IN1575	35	IN1656	48
IN1513	60	IN1576	36	IN1657	48
IN1514	61	IN1577	36	IN1658	49
IN1515	60	IN1579	61	IN1660	28
IN1516	60	IN1582	76	IN1662	69
IN1517	60	IN1586	57	IN1665	69
IN1518	60	IN1588	57	IN1670	67
IN1519	60	IN1589	29	IN1671	51
IN1520	61	IN1590	45	IN1674	67
IN1522	75	IN1597	45	IN1675	67
IN1523	75	IN1598	46	IN1680	44
IN1524	75	IN1599	45	IN1681	72
IN1525	75	IN1600	45	IN1682	72
IN1526	27	IN1601	58	IN1683	72
IN1528	63	IN1602	70	IN1684	72
IN1530	24	IN1603	70	IN1685	72
IN1531	59	IN1604	58	IN1686	72
IN1532	24	IN1605	46	IN1687	68
IN1527	76	IN1606	46	IN1688	68
IN1533	59	IN1607	63	IN1689	69
IN1534	24	IN1608	58	IN1690	49
IN1535	50	IN1609	58	IN1694	51
IN1536	40	IN1611	55	IN1695	51
IN1538	50	IN1612	55	IN1696	51
IN1539	50	IN1613	55	IN1697	51
IN1541	73	IN1614	55	IN1699	44

Catalog Number Index

CAT #	Page	CAT #	Page	CAT #	Page
IN1701	44	IN1818	74	IN1977	53
IN1703	24	IN1819	74	IN1978	53
IN1704	24	IN1820	26	IN1979	53
IN1705	24	IN1821	56	IN1980	52
IN1711	54	IN1822	56	IN1986	53
IN1713	54	IN1823	74	IN1988	53
IN1714	24	IN1824	74	IN1989	53
IN1715	68	IN1826	65	IN1990	52
IN1720	56	IN1827	65	IN2497	51
IN1721	76	IN1828	56	IN3003	37
IN1725	76	IN1829	66	IN3004	37
IN1730	31	IN1830	75	IN3005	37
IN1731	32	IN1831	75	IN3011	37
IN1732	32	IN1832	75	IN3013	37
IN1733	32	IN1836	66	IN3015	37
IN1736	31	IN1840	26	IN3020	38
IN1738	32	IN1851	66	IN3021	38
IN1742	57	IN1853	75	IR001660660CI	82
IN1743	57	IN1857	75	IR068629629CI	13
IN1744	57	IN1858	75	IR101	93
IN1750	36	IN1861	61	IR102	93
IN1751	36	IN1862	68	IR401601601CI	81
IN1753	36	IN1865	70	IR402601601CI	81
IN1754	53	IN1868	74	IR402604604CI	82
IN1757	36	IN1869	74	IR430601601CI	81
IN1759	36	IN1870	28	IR402617617CI	81
IN1760	23	IN1871	33	IR402618618CI	81
IN1763	21	IN1872	33	IR402621621CI	81
IN1765	21	IN1874	41	IR402624624CI	81
IN1766	20	IN1875	42	IR402625625CI	81
IN1767	23	IN1876	39	IR403601601PF6	81
IN1768	21	IN1890	66	IR406604604PF6	82
IN1769	20	IN1903	33	IR406625625CI	81
IN1770	20	IN1904	25	IR501	3
IN1771	20	IN1906	25	IR503	3
IN1772	20	IN1907	25	IR504	3
IN1773	21	IN1908	25	IR505	3
IN1774	21	IN1909	35	IR506	4
IN1775	21	IN1910	58	IR507	4
IN1776	20	IN1911	35	IR508	4
IN1777	21	IN1912	35	IR509	4
IN1778	20	IN1913	35	IR510	4
IN1779	20	IN1914	35	IR520625625CI	82
IN1782	50	IN1915	35	IR601601H2O	79
IN1783	50	IN1916	35	IR601601MECN	78
IN1785	35	IN1919	59	IR601601092Na	78
IN1792	21	IN1970	52	IR601601112CI	78
IN1793	17	IN1971	51	IR604604H2O	79
IN1795	20	IN1972	52	IR604604MECN	79
IN1800	33	IN1973	53	IR604604092Na	78
IN1812	75	IN1974	52	IR606	3
IN1814	74	IN1975	53	IR607	3
IN1817	56	IN1976	53	IR608	4

Catalog Number Index

CAT #	Page	CAT #	Page	CAT #	Page
IR609	4	OC1013	93	OC1094	98
IR610	4	OC1015	28	OC1096	98
IR615	4	OC1016	17	OC1098	98
IR617617H ₂ O	79	OC1017	28	OC1100	95
IR617617MECN	78	OC1018	57	OC1110	95
IR617617092Na	78	OC1019	94	OC1115	28
IR618618MECN	78	OC1022	67	OC1116	17
IR618618092Na	78	OC1023	67	OC1120	95
IR621621MECN	79	OC1024	67	OC1130	24
IR621621092Na	78	OC1025	72	OC1131	24
IR624624MECN	79	OC1026	94	OC1142	25
IR625625MECN	79	OC1027	94	OC1146	76
IR625625001Cl	78	OC1028	72	OC1150	95
IR625625092Na	78	OC1029	94	OC1155	98
IR628628MECN	79	OC1030	72	OC1157	98
IR629629001Cl	82	OC1035	94	OC1159	96
IR711	4	OC1037	72	OC1160	95
IR713	4	OC1038	94	OC1161	95
IR721	5	OC1039	94	OC1163	95
IR728	5	OC1040	94	OC1165	95
IR729	5	OC1045	94	OC1166	96
IR733	4	OC1046	94	OC1167	76
IR800	5	OC1047	94	OC1168	76
IR801	5	OC1048	94	OC1170	96
IR802	5	OC1049	26	OC1171	96
IR803	5	OC1050	94	OC1172	96
IR804	5	OC1051	95	OC1174	96
IR805	3	OC1052	93	OC1175	96
IR809	5	OC1053	94	OC1176	77
IR810	5	OC1054	95	OC1177	77
IR811	5	OC1055	95	OC1178	76
IR812	3	OC1056	95	OC1179	77
IR813	5	OC1057	95	OC1180	98
IR816	3	OC1058	27	OC1181	96
IR817	3	OC1059	27	OC1183	76
IR819	5	OC1060	27	OC1185	96
IR820	3	OC1061	27	OC1186	96
IR840	3	OC1062	27	OC1187	96
IR950	5	OC1063	27	OC1189	76
IR951	6	OC1064	27	OC1191	76
IR952	6	OC1065	27	OC1196	96
OC1001	93	OC1066	27	OC1200	98
OC1002	93	OC1067	26	OC1210	98
OC1003	93	OC1068	27	OC1211	98
OC1004	93	OC1069	26	OC1212	98
OC1005	93	OC1070	97	OC1213	98
OC1006	93	OC1071	97	OC1214	98
OC1007	93	OC1072	27	OC1215	98
OC1008	93	OC1075	72	OC1216	98
OC1009	93	OC1082	95	OC1217	99
OC1010	93	OC1090	25	OC1218	99
OC1011	93	OC1092	97	OC1219	99
OC1012	93	OC1093	98	OC1220	98

Catalog Number Index

CAT #	Page	CAT #	Page	CAT #	Page
OC1230	99	OP002	15	PHEN093	86
OC1250	99	OP003	15	PHEN094	86
OC1300	99	OP005	14	PHEN099	86
OC1310	99	OP011	14	PHEN100	86
OC1324	96	OP012	14	PHEN110	86
OC1325	97	OP013	14	PHEN111	86
OC1326	97	OP021	14	PHEN401	86
OC1328	97	OP023	14	PHEN402	87
OC1330	97	OP025	15	PHEN403	87
OC1409	97	OP031	15	PHEN404	87
OC1410	97	OP032	15	PHEN405	87
OC1418	100	OP035	15	PHEN406	87
OC1420	97	OP040	15	PHEN407	87
OC1421	97	OP045	15	PHEN408	87
OC1422	97	OP048	15	PHEN410	87
OC1450	99	PH001	6	PHEN412	87
OC1451	99	PH002	6	PHEN413	87
OC1460	97	PH003	6	PHEN414	87
OC1505	101	PH004	6	PHEN415	87
OC1604	100	PH005	6	PHEN416	87
OC1605	101	PH007	6	PHEN417	87
OC1606	101	PH008	6	PHEN418	87
OC1698	99	PH009	6	PHEN419	88
OC1699	99	PH010	6	PHEN420	88
OC1700	100	PH015	6	PHEN421	88
OC1701	100	PH016	6	PHEN422	88
OC1702	100	PH017	7	PHEN423	88
OC1703	100	PH018	7	PHEN424	88
OC1704	100	PH019	7	PHEN425	88
OC1705	100	PH032	7	PHEN426	88
OC1706	100	PH035	7	PHEN427	88
OC1707	100	PH038	7	PHEN428	88
OC1708	100	PH039	7	PHEN430	88
OC1709	100	PH040	7	PHEN436	87
OC1800	99	PH041	7	PHEN450	88
OC1801	100	PH042	7	RU001001001CI	12
OC1802	100	PH043	7	RU001001111CI	12
OC1803	100	PH044	8	RU001001001PF6	12
OC1805	100	PH045	8	RU001001442CI	12
OC1900	101	PHEN068	85	RU001029029PF6	12
OC1916	25	PHEN072	85	RU019019019CI	12
OC2000	101	PHEN073	85	RU019001001CI	12
OC3100	99	PHEN074	85	RU029029029CI	12
OC3112	99	PHEN079	85	RU111029029CI	12
OC4001	101	PHEN080	86	RU030030030CI	13
OC4002	101	PHEN081	86	RU037037037PF6	13
OC4003	101	PHEN082	86	RU082001001CI	80
OC4004	101	PHEN083	86	RU082001001PF6	81
OC4010	101	PHEN087	86	RU088088088CI	12
OC4011	101	PHEN088	86	RU088088088PF6	12
OE001	15	PHEN089	86	RU092092092Na	78
OE002	15	PHEN091	86	RU401001001CI	79
OP001	14	PHEN092	86	RU401001001PF6	79

Catalog Number Index

CAT #	Page
RU402001001CI	79
RU402001001PF6	79
RU402092092Na	80
RU402402460CI	80
RU403001001CI	80
RU403001001PF6	80
RU403092092Na	80
RU408092092Na	80
RU422092092Na	80
RU430001001CI	80
RU460068068CI	80
RU520001001CI	81
Sunamer101	16
Sunamer102	16
Sunamer103	16
Sunamer104	16
Sunamer105	16
Sunamer107	16
Sunamer108	16
Sunamer301	16
Sunamer401	16
Sunamer405	16
Sunamer406	17
Sunamer407	17
Sunamer501	17
Sunamer502	15
Sunamer503	15
Sunamer505	17
Sunamer506	17
Sunamer701	17
Sunamer702	17
Sunamer703	17
Sunamer801	17
Sunamer901	16
Sunamer902	16
TEPY003	88
TEPY004	88
TEPY005	89
TEPY006	89
TEPY020	89
TF001	14
TF002	14
Ir(fppy)2(dtbbpy)PF6	13

¹H and ¹³C NMR Chemical Shifts of Common Laboratory Solvents

	proton/carbon	deuterated solvent											
		CDCl ₃		DMSO- <i>d</i> ₆		CD ₃ CN		CD ₃ OD		(CD ₃) ₂ CO		D ₂ O	
		¹ H	¹³ C	¹ H	¹³ C	¹ H	¹³ C	¹ H	¹³ C	¹ H	¹³ C	¹ H	¹³ C
solvent peak		7.26	77.16	2.5	39.52	1.94	1.32 118.26	3.31	49	2.05	29.84 206.26	4.79	---
H ₂ O		1.56	---	3.33	---	2.13	---	4.87	---	2.84	---	---	---
acetone	CO	---	207.1	---	206.3	---	207.4	---	209.7	---	205.9	---	215.9
	CH ₃ (s)	2.17	30.92	2.09	30.56	2.08	30.91	2.15	30.67	2.09	30.6	2.22	30.89
acetonitrile	CN	---	116.4	---	117.9	---	118.3	---	118.1	---	117.6	---	119.7
	CH ₃ (s)	2.1	1.89	2.07	1.03	1.96	1.79	2.03	0.85	2.05	1.12	2.06	1.47
chloroform	CH(s)	7.26	77.36	8.32	79.16	7.58	79.17	7.9	79.44	8.02	79.19	---	---
dichloromethane	CH ₂ (s)	5.3	53.52	5.76	54.84	5.44	55.32	5.49	54.78	5.63	54.95	---	---
dimethyl sulfoxide	CH ₃ (s)	2.62	40.76	2.54	40.45	2.5	41.31	2.65	40.45	2.52	41.23	2.71	39.39
ethanol	CH ₃ (t)	1.25	18.41	1.06	18.51	1.12	18.8	1.19	18.4	1.12	18.89	1.17	17.47
	CH ₂ (q)	3.72	58.28	3.44	56.07	3.54	57.96	3.6	58.26	3.57	57.72	3.65	58.05
	OH(s)	1.32	---	4.63	---	2.47	---	---	---	3.39	---	---	---
ethyl acetate	CH ₃ CO(s)	2.05	21.04	1.99	20.68	1.97	21.16	2.01	20.88	1.97	20.83	2.07	21.15
	CH ₂ CH ₃ (q)	4.12	60.49	4.03	59.74	4.06	60.98	4.09	61.5	4.05	60.56	4.14	62.32
	CH ₂ CH ₃ (t)	1.26	14.19	1.17	14.4	1.2	14.54	1.24	14.49	1.2	14.5	1.24	13.92
	CO	---	171.4	---	170.3	---	171.7	---	172.9	---	171	---	175.3
n-hexane	CH ₃ (t)	0.88	14.14	0.86	13.88	0.89	14.43	0.9	14.45	0.88	14.34	---	---
	CH ₂ (m)	1.26	22.7	1.25	22.05	1.28	23.4	1.29	23.68	1.28	23.28	---	---
			31.64		30.95		32.36		32.73		32.3		---
silicone grease	CH ₃ (s)	0.07	1.19	-0.1	---	0.08	---	0.1	2.1	0.13	1.4	---	---
methanol	CH ₃ (s)	3.49	50.41	3.16	48.59	3.28	49.9	3.34	49.86	3.31	49.77	3.34	49.5
	OH(s)	1.09	---	4.01	---	2.16	---	---	---	3.12	---	---	---
tetrahydrofuran	CH ₂ (2,5)(m)	3.76	67.97	3.6	67.03	3.64	68.33	3.71	68.83	3.63	68.07	3.74	68.68
	CH ₂ (3,4)(m)	1.85	25.62	1.76	25.14	1.8	26.27	1.87	26.48	1.79	26.15	1.88	25.67

Data extracted from: H. E. Gottlieb, V. Kotlyar and A. Nudelman *J. Org. Chem.*, **1997**, 62, 7512–7515

G. R. Fulmer, *et al Organometallics*, **2010**, 29, 2176–2179

Periodic Table of the Elements

Periodic Table of the Elements																						
1 IA																		18 VIIA				
1 H 1.008	2 IIA																13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA	2 He 4.003