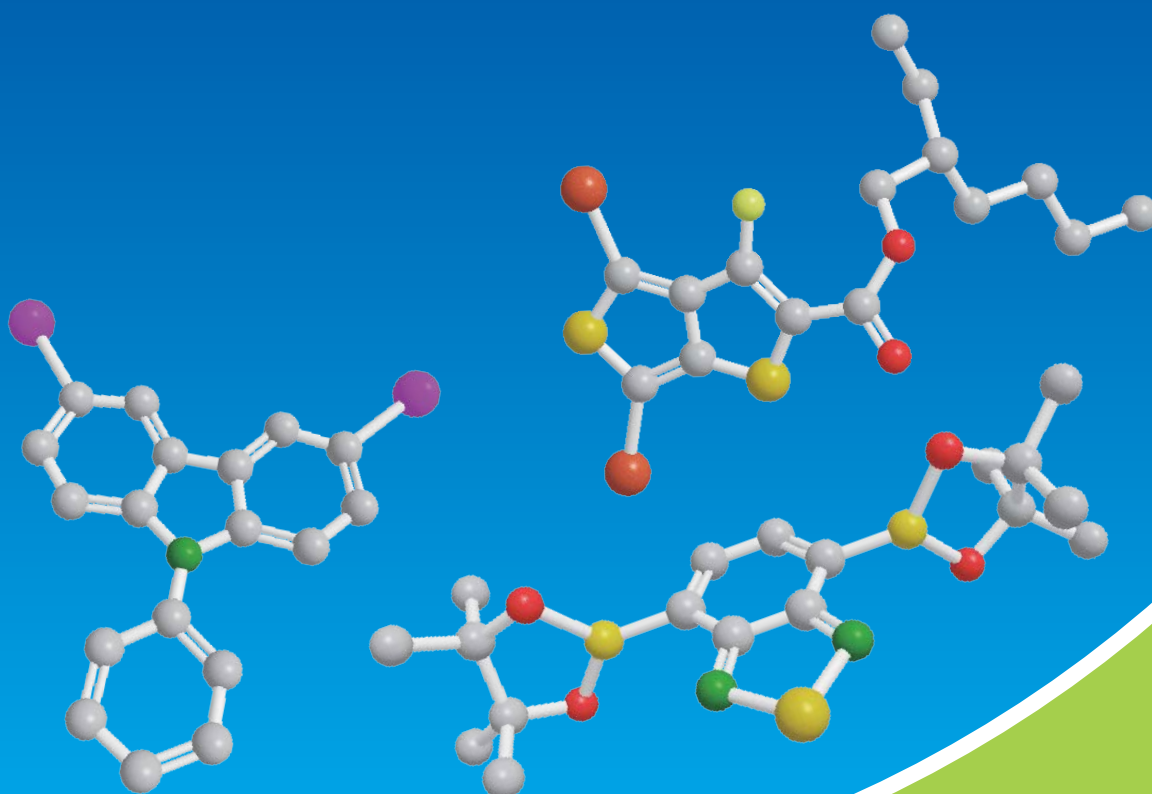


Building Blocks for Organic Semiconductor



Small Molecule Semiconductor Building Blocks

Polymer / Macromolecule Semiconductor Building Blocks

Solubility Enhancing Reagents

Building Blocks for Organic Semiconductor

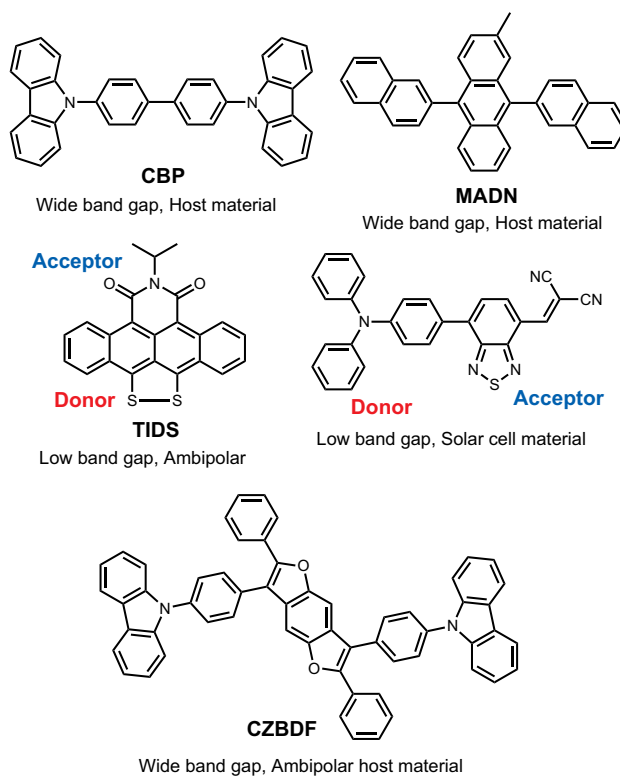
Light and flexible organic semiconductor materials are promising for foldable electronic circuits¹⁾ and implantable biometric sensors,²⁾ although such electronic devices are hardly obtained from silicon-based semiconductors. We have developed a printed electronics system giving large scale and highly precise devices on flexible substrates (eg. paper and film) by a printing method thanks to the solubility of organic materials. The printing method is one efficient technology for mass production and low cost production of semiconducting devices.³⁾ Organic photovoltaics (OPV) is a photoelectric conversion device using organic semiconductors. Organic light-emitting diode (OLED) devices have received much attention, because they are expected to be a next generation display and light source, thanks to lightweight and flexible organic semiconductor materials. Organic semiconductor materials are mainly classified into small molecular and polymer types, and an oligomer type is a middle class between them.

1. Building Blocks for Small Molecule Semiconductor

Several features of small molecule organic semiconductors are that they are isolable in chemically pure form, it is possible to determine structures by a single crystal structure analysis, and it is possible to fabricate a thin-layer and to purify it by a vacuum deposition. In comparison with inorganic materials, organic materials are structurally diverse based on the carbon-centered geometry. Therefore, we can precisely control physical properties such as photo absorption, emission, energy level and solubility by applying organic synthesis. Several conventional coupling reactions can enable us to expand π -conjugated structures, and to produce oligomeric semiconductors. Thiophene derivatives are useful for p-type semiconductors (light absorbers) in OPV devices, because these materials show excellent light absorption and carrier mobility.⁴⁾ Wide band gap carbazole derivatives (eg. CBP) and anthracene derivatives (eg. MADN) are good for host materials in OLED devices.⁵⁾ Some of arylamine derivatives are suitable for the hole transport layer in OLEDs, because the materials enable us to fabricate an amorphous layer by vapor deposition and to demonstrate high hole mobility.⁶⁾ Structures of n-type semiconductors (electron transport materials) consist of electron-deficient heterocycles such as pyrimidines, triazines, and benzimidazoles.

On the other hand, introduction of both donor and acceptor moieties into one molecule may produce small molecule

semiconductors with low band gaps. These semiconductor materials are useful for organic solar cells by their light absorption up to a low energy area.⁷⁾ The donor-acceptor coexisting material, the so-called TIDS, is ambipolar having both hole and electron carriers.⁸⁾ OLED requires new ambipolar organic semiconductors with well-balanced high hole and electron mobility.^{9,10)} Nakamura and Tsuji *et al.* reported the ambipolar organic semiconductor, the so-called CZBDF. This material shows a wide band gap with well-balanced high hole and electron mobility, thus it is an ideal host material for OLED.¹¹⁾

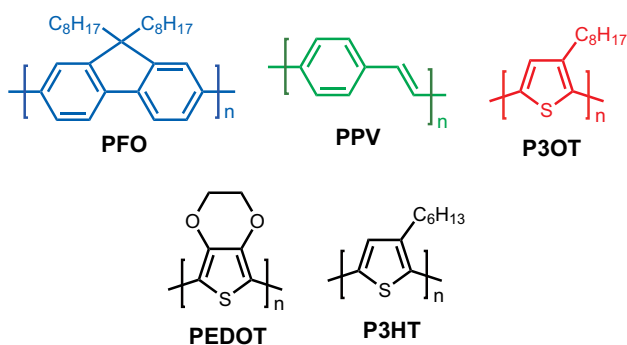


Palladium- and copper-catalyzed cross-coupling reactions can systematically and rapidly produce various organic compounds to develop new materials. The product list in this brochure represents plenty of 'Building Blocks for Small Molecule Semiconductor' bearing halogens, boronic acids (ester), stannyl groups, amino groups, or formyl groups.

2. Building Blocks for Polymer/Macromolecule Semiconductor

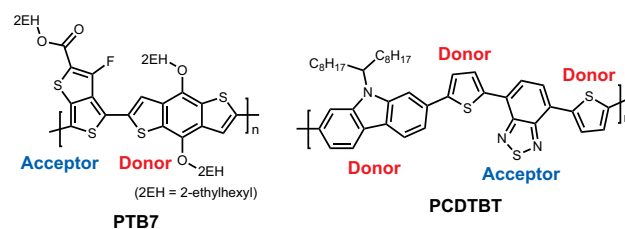
Research on semiconducting polymers receives much attention in the fields of OLED, OPV and organic field-effect transistors (OFET). A light-emitting layer in OLEDs may require a semiconducting polymer such as phenylene vinylenes (PPV). Polymer materials can provide film-formable and thermal resistant devices by a solution process to reduce manufacturing costs, although small molecule-based OLED devices are normally manufactured by vapor deposition. We can create various colored emissions by chemical modification of a π -conjugated polymer. For instance, polyfluorenes (PFO),¹² PPVs¹³ and regiorandom poly(3-octylthiophene) (P3OT)¹⁴ exhibit blue, green and red emissions, respectively.

Recent research on organic electronics developed sulfur-containing polymers such as polythiophene. Poly(3,4-ethylenedioxythiophene) (PEDOT) is useful for a capacitor, organic transistor, hole transport material for an OLED device, and secondary battery as well as for an actuator, sensor and thermoelectric conversion element.^{15,16} PEDOT/PSS that is a mixture of PEDOT and polystyrene sulfonate (PSS), is widely used as a hole transport material for OPV.¹⁷ Poly(3-hexyl) thiophene (P3HT) can be blended with fullerene derivatives (eg. PCBM) to form an efficient bulk heterojunction. The polymer in the OPV device is a p-type semiconductor with light absorption.¹⁸



Although P3HT and PFO are synthesized from polymerization of a sole monomer, a copolymerization of two different monomers can precisely control electronic structure of the resulting semiconducting polymer. Furthermore, the copolymerization enables us to produce a stable donor-acceptor (DA type) polymer with low energy HOMO level by combining an electron-rich monomer (donor) and an electron-poor monomer (acceptor).¹⁹⁻²¹ In addition to that, the DA polymer has a low band gap toward light absorption in the low energy region, and also may be an ambipolar semiconductor by *p*- or *n*-carrier doping.^{22,23}

Low band gap polymers



A metal-catalyzed cross-coupling reaction can undergo copolymerization from halogenated monomers and boronated (ester) monomers. Selection of the monomers can provide diverse semiconducting polymers. A similar cross-coupling reaction is possible between a monomer with a trimethylstannyl group (SnMe_3) and a halogenated monomer. After the reaction, trimethyltin halide forms as a by-product, however, it can be easily removed under vacuum conditions. The product list in this brochure represents plenty of 'Building Blocks for Semiconducting Polymers' bearing halogen, boronic acid (ester), stannyl group, etc.

3. Solubility Enhancing Reagents

Alkyl groups do not affect molecular electronic properties, because they do not strongly interact with π -conjugates. However, the effect of alkyl groups is large in the molecule-assembled solid state, modifying solubility and melting point by introduction of alkyl groups. In particular, organic devices require alkyl derivatization to increase solubility, because solution-processible manufacturing and printing technology for the large scale require soluble materials. In addition, the use of electron-withdrawing fluoroalkyl groups is good for forming soluble *n*-type organic semiconductors.^{24,25} Several OPV and OFET materials contain dialkylsilole.²⁶ The product list in this brochure represents chemical reagents to introduce alkyl and dialkylsiloles.

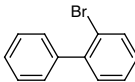
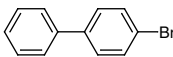
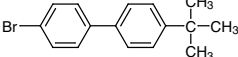
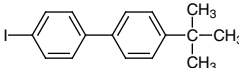
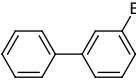
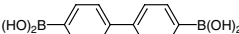
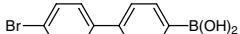
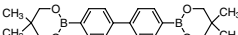
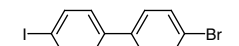
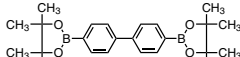
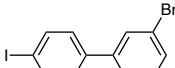
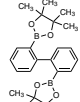
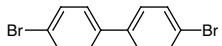
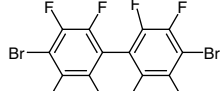
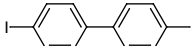
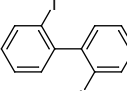
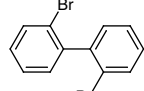
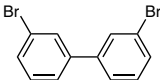
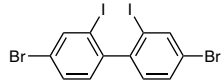
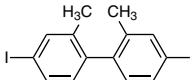
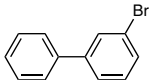
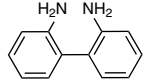
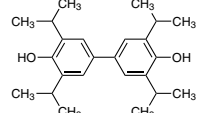
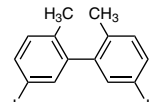
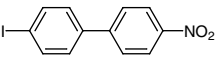
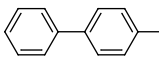
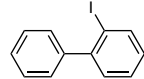
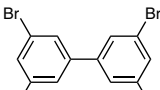
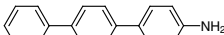
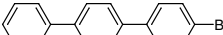
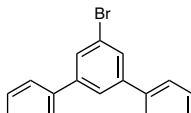
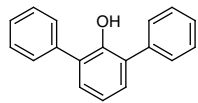
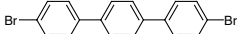
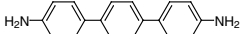


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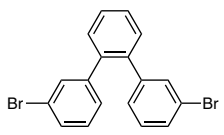
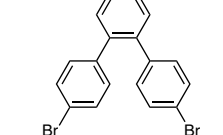
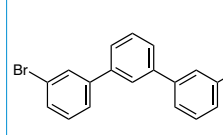
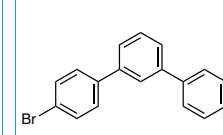
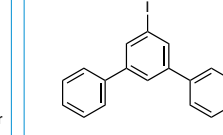
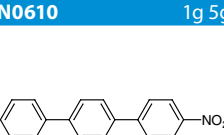
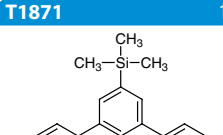
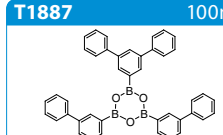
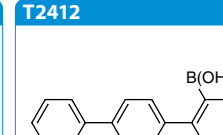
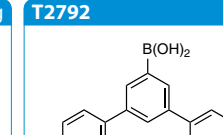
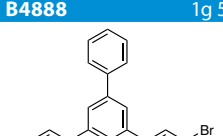
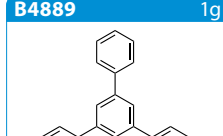
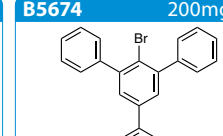
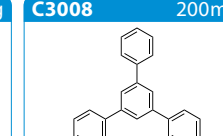
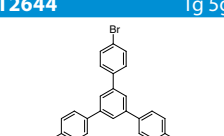
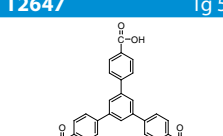
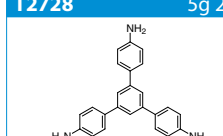
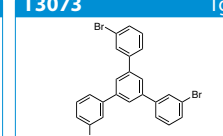
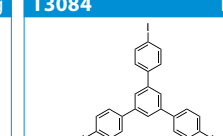
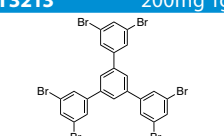
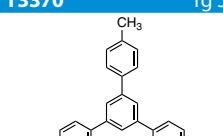
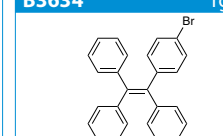
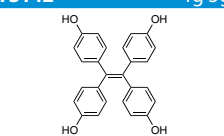
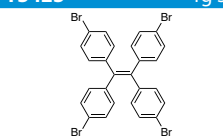
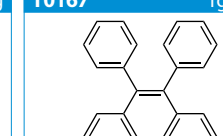
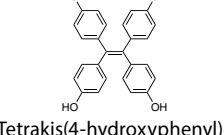
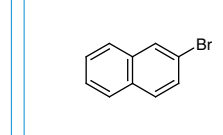
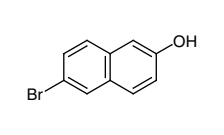
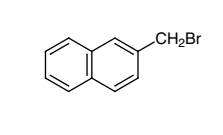
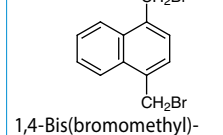
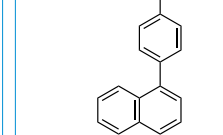
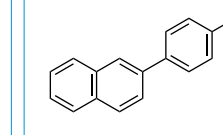
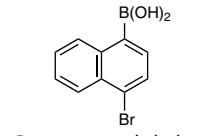
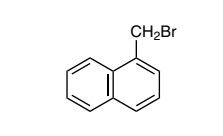
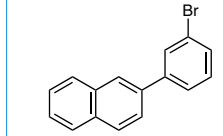
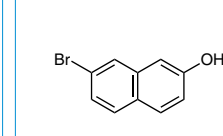
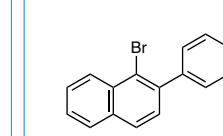
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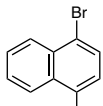
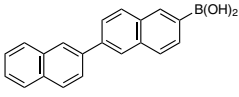
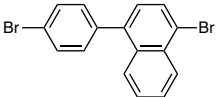
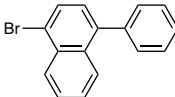
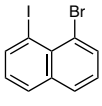
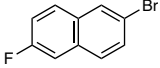
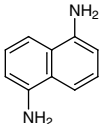
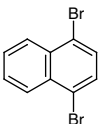
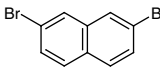
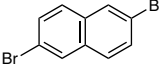
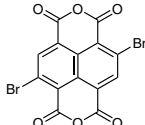
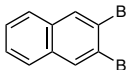
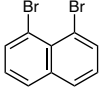
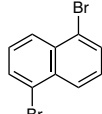
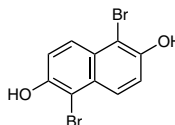
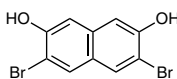
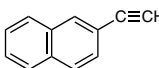
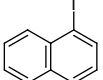
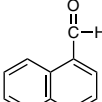
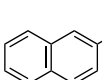
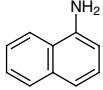
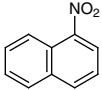
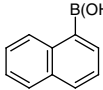
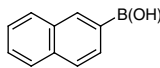
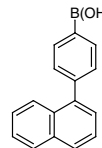
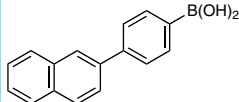
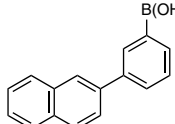
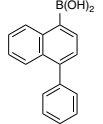
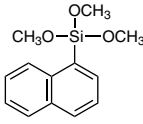
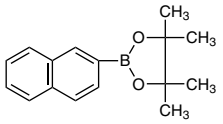
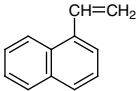
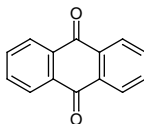
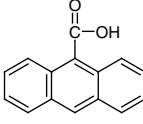
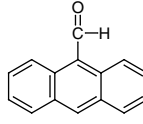
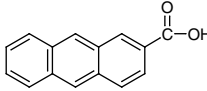
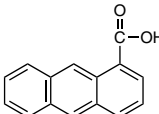
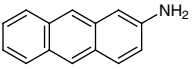
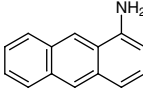
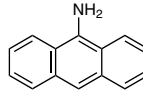
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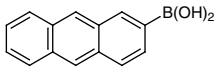
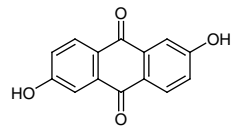
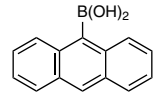
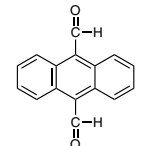
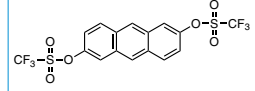
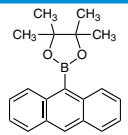
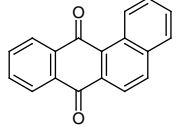
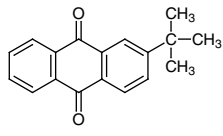
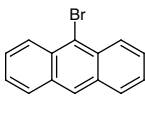
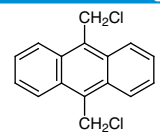
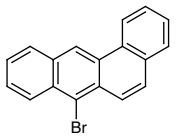
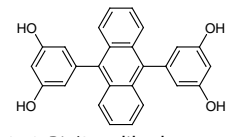
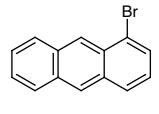
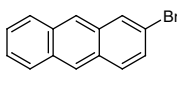
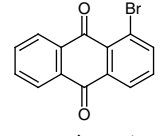
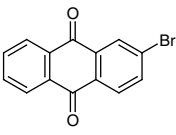
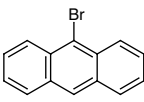
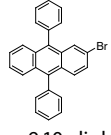
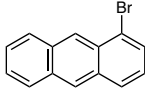
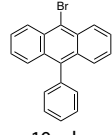
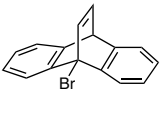
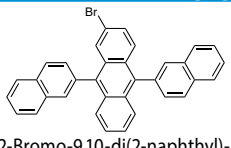
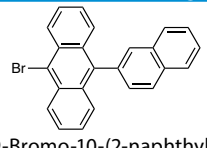
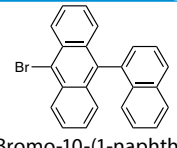
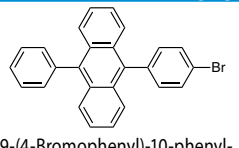
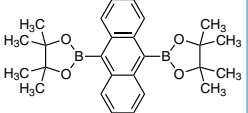
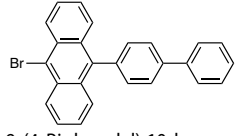
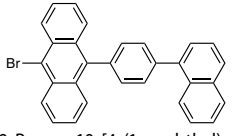
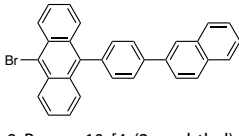
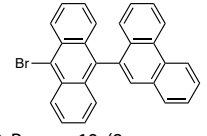
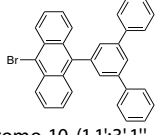
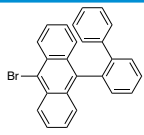
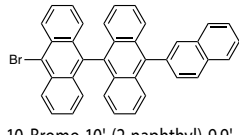
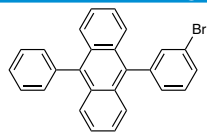
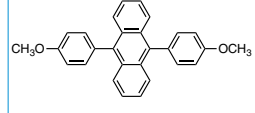
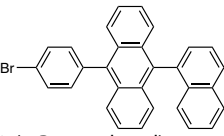
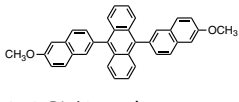
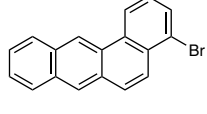
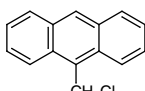
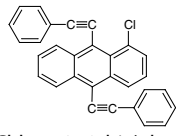
Small Molecule Semiconductor Building Blocks

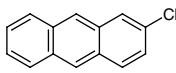
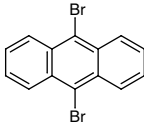
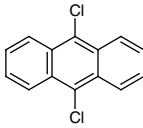
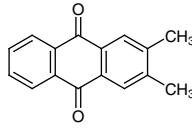
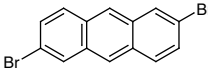
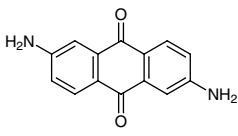
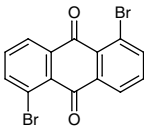
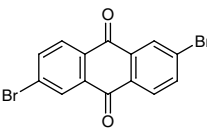
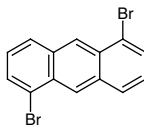
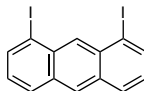
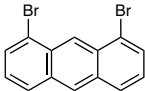
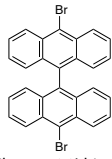
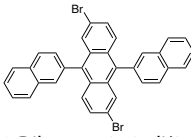
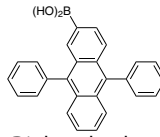
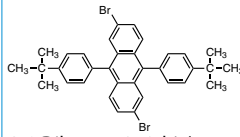
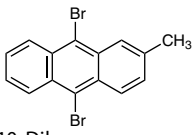
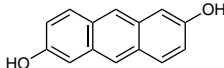
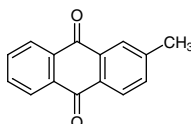
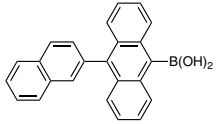
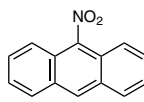
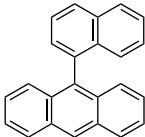
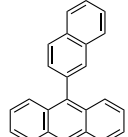
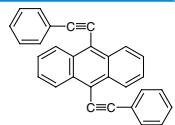
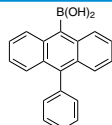
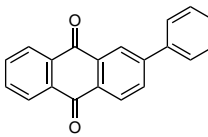
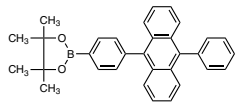
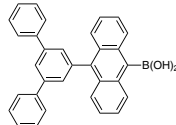
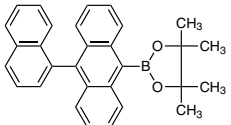
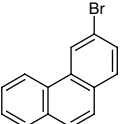
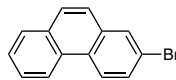
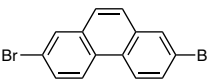
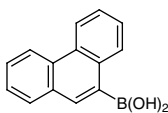
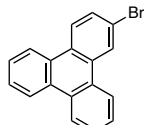
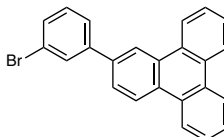
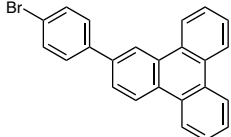
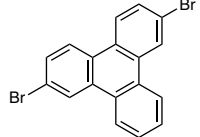
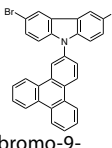
Biphenyls

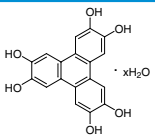
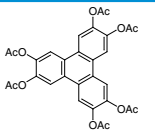
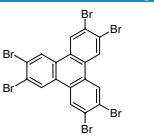
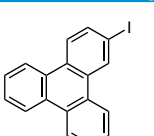
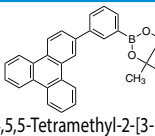
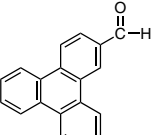
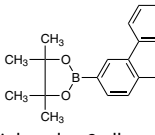
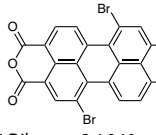
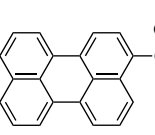
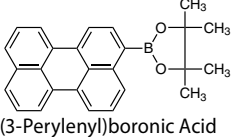
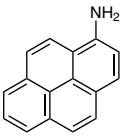
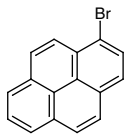
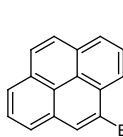
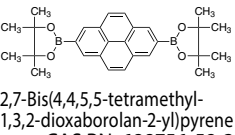
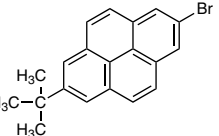
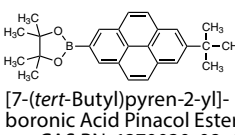
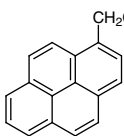
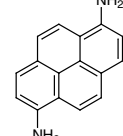
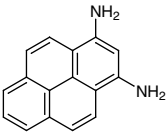
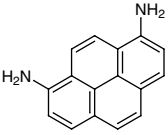
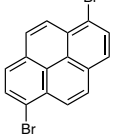
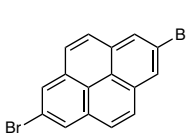
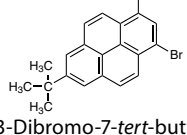
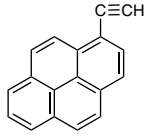
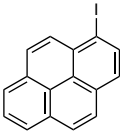
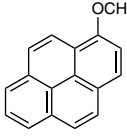
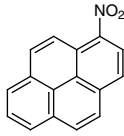
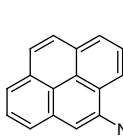
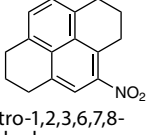
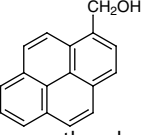
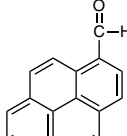
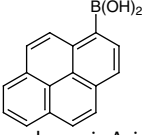
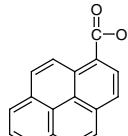
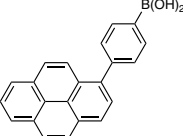
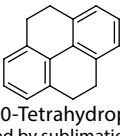
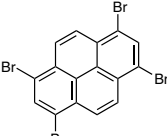
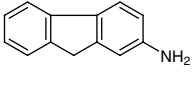
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				2-Bromobiphenyl CAS RN: 2052-07-5	4-Bromobiphenyl CAS RN: 92-66-0
B1913 5g 25g	B1946 5g	B2001 1g 5g 25g	B2490 1g 5g	B2860 1g	
					
4-Bromo-4'- <i>tert</i> -butylbiphenyl CAS RN: 162258-89-1	4- <i>tert</i> -Butyl-4'-iodobiphenyl	3-Bromobiphenyl CAS RN: 2113-57-7	4,4'-Biphenyldiboric Acid CAS RN: 4151-80-8	4'-Bromo-4-biphenylboronic Acid CAS RN: 480996-05-2	
B3151 1g	B3648 5g 25g	B4166 1g 5g	B5321 200mg 1g	B5703 200mg 1g	
					
4,4'-Bis(5,5-dimethyl-1,3-dioxaborinan-2-yl)biphenyl CAS RN: 5487-93-4	4-Bromo-4'-iodobiphenyl CAS RN: 105946-82-5	4,4'-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)biphenyl CAS RN: 207611-87-8	3-Bromo-4'-iodo-1,1'-biphenyl CAS RN: 187275-73-6	2,2'-Biphenyldiboric Acid Bis(pinacol) Ester CAS RN: 398128-09-1	
D1695 25g 250g	D1696 1g 5g	D2315 25g 250g	D2745 1g	D2874 1g 5g	
					
4,4'-Dibromobiphenyl CAS RN: 92-86-4	4,4'-Dibromo-2,2'-difluorobiphenyl CAS RN: 10386-84-2	4,4'-Diiodobiphenyl CAS RN: 3001-15-8	2,2'-Diiodobiphenyl CAS RN: 2236-52-4	2,2'-Dibromobiphenyl CAS RN: 13029-09-9	
D3166 5g 25g	D4560 200mg	D4608 1g 5g	D4831 200mg 1g	D5255 1g 5g	
					
3,3'-Dibromobiphenyl CAS RN: 16400-51-4	4,4'-Dibromo-2,2'-diiodobiphenyl CAS RN: 852138-89-7	4,4'-Diiodo-2,2'-dimethylbiphenyl CAS RN: 69571-02-4	3,5-Dibromobiphenyl CAS RN: 16372-96-6	2,2'-Diaminobiphenyl CAS RN: 1454-80-4	
D5281 200mg 1g	D5430 1g 5g	I0537 1g 5g	I0785 5g 25g	I0967 5g 25g	
					
4,4'-Dihydroxy-3,3',5,5'-tetraisopropylbiphenyl CAS RN: 2416-95-7	5,5'-Diiodo-2,2'-dimethylbiphenyl CAS RN: 1392203-19-8	4-Iodo-4'-nitrobiphenyl CAS RN: 29170-08-9	4-Iodobiphenyl CAS RN: 1591-31-7	2-Iodobiphenyl CAS RN: 2113-51-1	
T2805 1g 5g	Terphenyls		A1340 1g 5g 25g	B2155 1g 5g	B4308 5g 25g
					
3,3',5,5'-Tetrabromo-biphenyl CAS RN: 16400-50-3			4-Amino- <i>p</i> -terphenyl CAS RN: 7293-45-0	4-Bromo- <i>p</i> -terphenyl CAS RN: 1762-84-1	5'-Bromo- <i>m</i> -terphenyl CAS RN: 103068-20-8
D2563 5g 25g	D3372 1g 5g	D3390 1g 5g	D3394 1g	D3534 1g 5g	
					
2,6-Diphenylphenol CAS RN: 2432-11-3	4,4'-Dibromo- <i>p</i> -terphenyl CAS RN: 17788-94-2	4,4''-Diamino- <i>p</i> -terphenyl CAS RN: 3365-85-3	4,4''-Dinitro- <i>p</i> -terphenyl CAS RN: 3282-11-9	4,4''-Diiodo- <i>p</i> -terphenyl CAS RN: 19053-14-6	

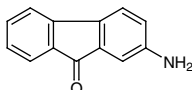
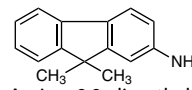
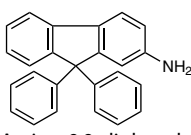
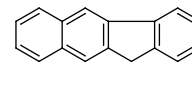
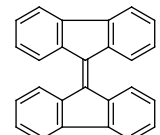
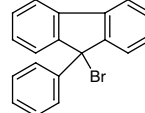
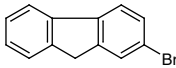
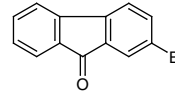
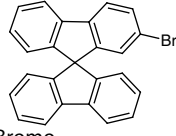
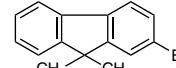
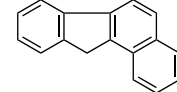
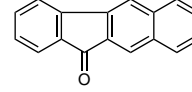
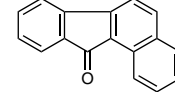
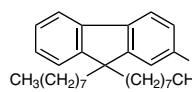
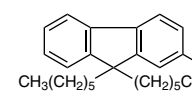
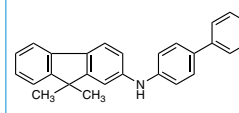
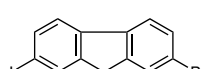
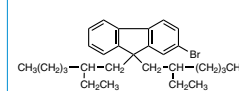
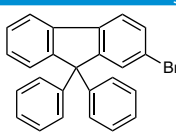
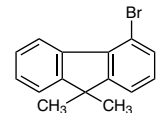
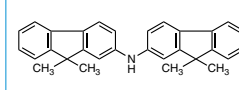
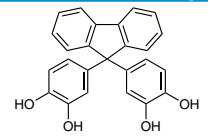
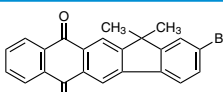
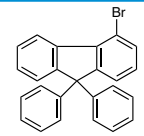
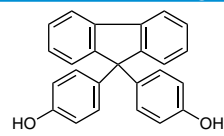
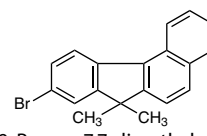
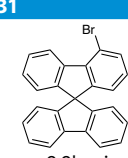
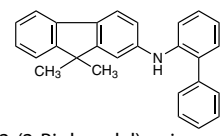
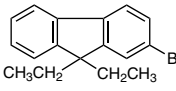
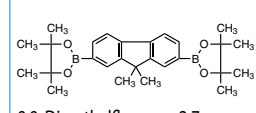
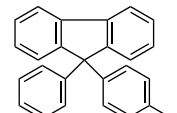
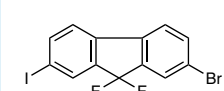
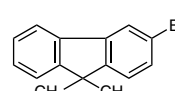
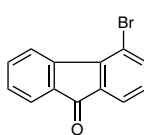
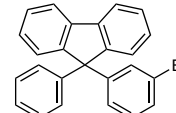
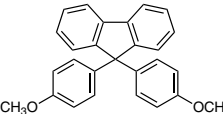
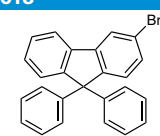
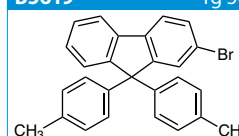
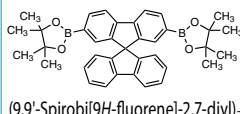
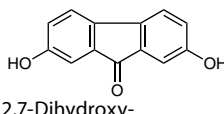
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N0610 1g 5g  4-Nitro- <i>p</i> -terphenyl CAS RN: 10355-53-0	T1871 1g  (<i>m</i> -Terphenyl-5'-yl)trimethylsilane CAS RN: 128388-53-4	T1887 100mg  2,4,6-Tris(<i>m</i> -terphenyl-5'-yl)boroxin CAS RN: 909407-14-3	T2412 1g  2- <i>p</i> -Terphenylboronic Acid CAS RN: 663954-31-2	T2792 1g  5'- <i>m</i> -Terphenylboronic Acid CAS RN: 128388-54-5
<h2>Triphenylbenzenes</h2>				
B4888 1g 5g  3-Bromo-5'-phenyl- <i>m</i> -terphenyl CAS RN: 1233200-57-1	B4889 1g 5g  4-Bromo-5'-phenyl- <i>m</i> -terphenyl CAS RN: 116941-52-7	B5674 200mg 1g  2'-Bromo-5'-phenyl- <i>m</i> -terphenyl CAS RN: 10368-73-7	C3008 200mg 1g  4-Chloro-5'-phenyl-1,1':3,1''-terphenyl CAS RN: 116941-51-6	
T2644 1g 5g  1,3,5-Tris(4-bromophenyl)-benzene CAS RN: 7511-49-1	T2647 1g 5g  1,3,5-Tris(4-carboxyphenyl)-benzene CAS RN: 50446-44-1	T2728 5g 25g  1,3,5-Tris(4-aminophenyl)-benzene CAS RN: 118727-34-7	T3073 1g 5g  1,3,5-Tris(3-bromophenyl)-benzene CAS RN: 96761-85-2	T3084 1g 5g  1,3,5-Tris(4-iodophenyl)-benzene CAS RN: 151417-38-8
T3213 200mg 1g  1,3,5-Tris(3,5-dibromophenyl)-benzene CAS RN: 29102-67-8	T3370 1g 5g  1,3,5-Tri(<i>p</i> -tolyl)benzene CAS RN: 50446-43-0	<h2>Tetraphenylethylenes</h2>		B3634 1g 5g  1-(4-Bromophenyl)-1,2,2-triphenylethylene CAS RN: 34699-28-0
T3142 1g 5g  Tetrakis(4-hydroxyphenyl)-ethylene CAS RN: 119301-59-6	T3423 1g 5g  Tetrakis(4-bromophenyl)-ethylene CAS RN: 61326-44-1	<h2>Naphthalenes</h2>		T0167 1g 10g  Tetraphenylethylene CAS RN: 632-51-9
B0618 25g 100g 500g  1-Bromonaphthalene CAS RN: 90-11-9		B0619 5g 25g  2-Bromonaphthalene CAS RN: 580-13-2		
B0621 25g 100g  6-Bromo-2-naphthol CAS RN: 15231-91-1	B1524 5g 25g  2-(Bromomethyl)naphthalene CAS RN: 939-26-4	B1919 1g 5g  1,4-Bis(bromomethyl)-naphthalene (contains isomer) CAS RN: 58791-49-4	B3978 1g 5g  1-(4-Bromophenyl)naphthalene CAS RN: 204530-94-9	B4159 1g  2-(4-Bromophenyl)naphthalene CAS RN: 22082-99-1
B4463 1g  4-Bromo-1-naphthaleneboronic Acid CAS RN: 145965-14-6	B4563 5g 25g  1-(Bromomethyl)naphthalene CAS RN: 3163-27-7	B4568 1g 5g  2-(3-Bromophenyl)naphthalene CAS RN: 667940-23-0	B4580 1g 5g  7-Bromo-2-naphthol CAS RN: 116230-30-9	B4636 200mg 1g  1-Bromo-2-phenylnaphthalene CAS RN: 22082-93-5

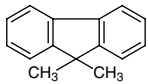
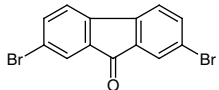
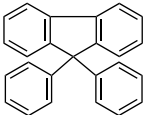
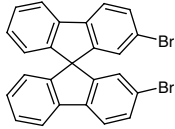
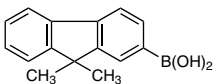
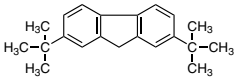
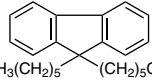
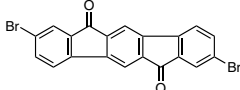
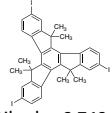
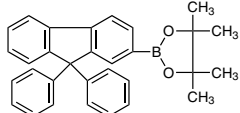
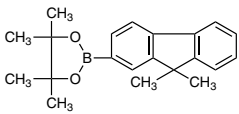
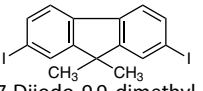
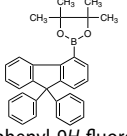
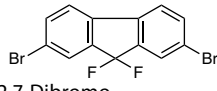
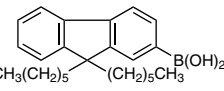
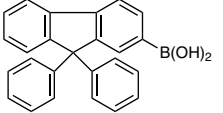
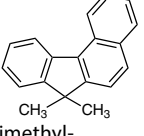
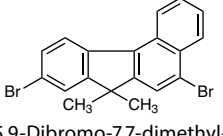
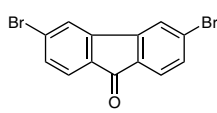
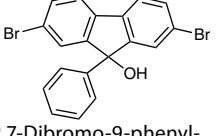
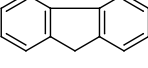
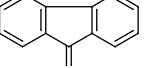
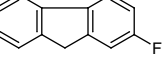
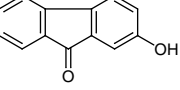
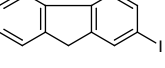
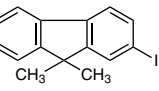
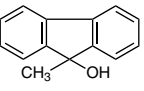
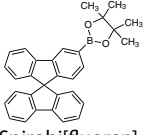

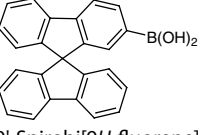
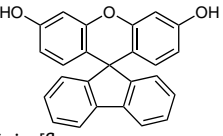
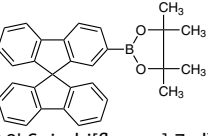
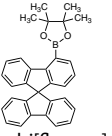
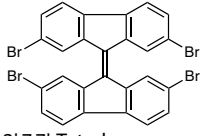
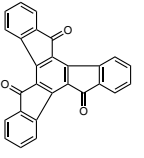
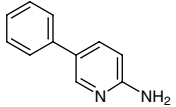
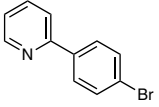
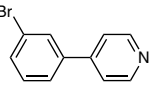
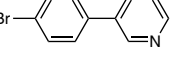
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B5229 1g  2-Bromo-6-fluoronaphthalene CAS RN: 324-41-4	D0101 25g 100g 500g  1,5-Diaminonaphthalene CAS RN: 2243-62-1	D2359 5g 25g  1,4-Dibromonaphthalene CAS RN: 83-53-4	D3624 5g 25g  2,7-Dibromonaphthalene CAS RN: 58556-75-5	D4154 1g  2,6-Dibromonaphthalene CAS RN: 13720-06-4	
D4339 1g 5g  2,6-Dibromonaphthalene-1,4,5,8-tetracarboxylic Dianhydride CAS RN: 83204-68-6	D4597 200mg 1g  2,3-Dibromonaphthalene CAS RN: 13214-70-5	D4656 1g 5g  1,8-Dibromonaphthalene CAS RN: 17135-74-9	D4660 1g 5g  1,5-Dibromonaphthalene CAS RN: 7351-74-8	D4668 5g 25g  1,5-Dibromo-2,6-naphthalenediol CAS RN: 132178-78-0	
D4669 1g 5g  3,6-Dibromo-2,7-naphthalenediol CAS RN: 96965-79-6	E0933 100mg  2-Ethynylnaphthalene CAS RN: 2949-26-0	I0266 25g  1-Iodonaphthalene CAS RN: 90-14-2	N0002 25mL 100mL 500mL  1-Naphthaldehyde CAS RN: 66-77-3	N0003 5g 25g  2-Naphthaldehyde CAS RN: 66-99-9	
N0052 25g 100g  1-Naphthylamine CAS RN: 134-32-7	N0212 25g 500g  1-Nitronaphthalene CAS RN: 86-57-7	N0630 1g 5g 25g  1-Naphthaleneboronic Acid CAS RN: 13922-41-3	N0649 1g 5g 25g  2-Naphthaleneboronic Acid CAS RN: 32316-92-0	N0798 1g 5g  4-(1-Naphthyl)phenylboronic Acid CAS RN: 870774-25-7	
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V0040 5g  1-Vinylnaphthalene (stabilized with TBC) CAS RN: 826-74-4	Anthracenes/ Anthraquinones		A0502 25g 500g  Anthraquinone CAS RN: 84-65-1	A0690 5g 25g  9-Anthroic Acid CAS RN: 723-62-6	A0779 25g 100g  9-Anthaldehyde CAS RN: 642-31-9
A1150 1g 5g  2-Anthroic Acid CAS RN: 613-08-1	A1220 1g  1-Anthracenecarboxylic Acid CAS RN: 607-42-1	A1687 1g  2-Anthramine CAS RN: 613-13-8	A1709 1g  1-Anthramine CAS RN: 610-49-1	A1748 100mg 1g 5g  9-Anthramine CAS RN: 779-03-3	

A1843 250mg 1g 5g  2-Anthraceneboronic Acid CAS RN: 141981-64-8	A1894 1g 5g 25g  Anthraflavic Acid CAS RN: 84-60-6	A2328 1g 5g  9-Anthraceneboronic Acid CAS RN: 100622-34-2	A2664 1g 5g  9,10-Diformylanthracene CAS RN: 7044-91-9	A3127 200mg 1g  2,6-Bis(trifluoromethanesulfonyloxy)anthracene CAS RN: 594838-61-6
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B4239 1g 5g  9-Bromodibenzobarrelene CAS RN: 126690-96-8	B4321 1g 5g  2-Bromo-9,10-di(2-naphthyl)anthracene CAS RN: 474688-76-1	B4426 1g 5g  9-Bromo-10-(2-naphthyl)anthracene CAS RN: 474688-73-8	B4451 1g 5g  9-Bromo-10-(1-naphthyl)anthracene CAS RN: 400607-04-7	B4475 200mg 1g  9-(4-Bromophenyl)-10-phenylanthracene CAS RN: 625854-02-6
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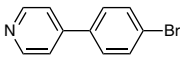
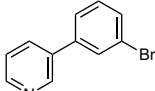
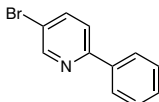
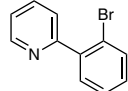
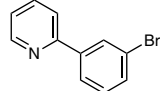
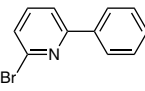
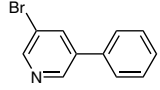
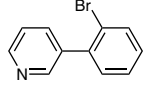
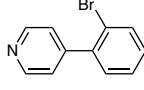
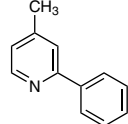
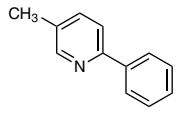
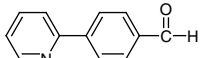
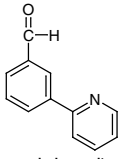
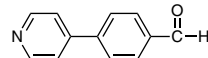
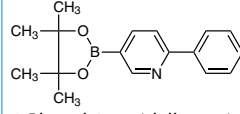
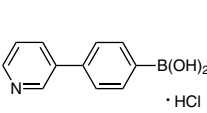
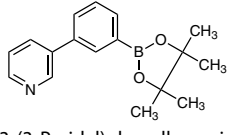
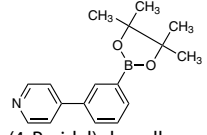
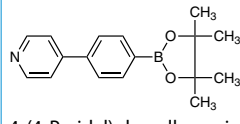
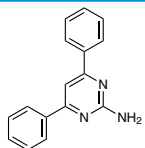
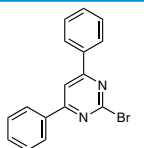
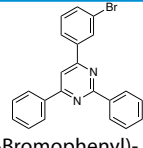
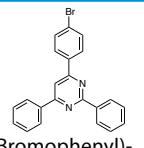
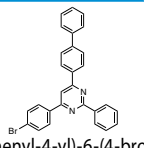
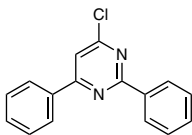
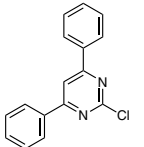
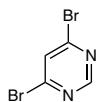
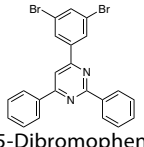
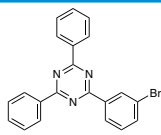
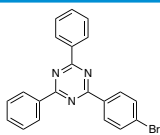
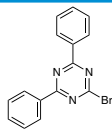
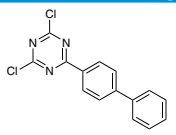
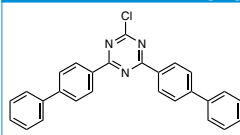
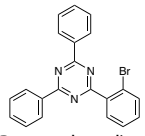
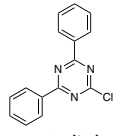
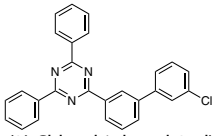
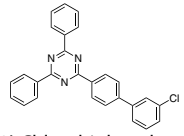
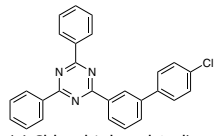
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D3180 25g 250g  2,6-Diaminoanthraquinone CAS RN: 131-14-6	D3181 1g  1,5-Dibromoanthraquinone CAS RN: 602-77-7	D3182 1g 5g  2,6-Dibromoanthraquinone CAS RN: 633-70-5	D3183 1g  1,5-Dibromoanthracene CAS RN: 3278-82-8	D4151 1g 5g  1,8-Diiodoanthracene CAS RN: 189105-78-0	
D4230 1g 5g  1,8-Dibromoanthracene CAS RN: 131276-24-9	D4254 1g 5g  10,10'-Dibromo-9,9'-bianthracene CAS RN: 121848-75-7	D4646 200mg 1g  2,6-Dibromo-9,10-di(2-naphthyl)anthracene CAS RN: 561064-15-1	D4647 200mg 1g  9,10-Diphenylanthracene-2-boronic Acid CAS RN: 597553-98-5	D4862 200mg 1g  2,6-Dibromo-9,10-bis(4-tert-butylphenyl)anthracene CAS RN: 1187763-68-3	
D4977 200mg 1g  9,10-Dibromo-2-methylanthracene CAS RN: 177839-45-1	D5151 200mg 1g  2,6-Anthracenediol CAS RN: 101488-73-7	M0156 25g 500g  2-Methylanthraquinone CAS RN: 84-54-8	N0929 1g  10-(2-Naphthyl)anthracene-9-boronic Acid CAS RN: 597554-03-5	N0987 1g 5g  9-Nitroanthracene CAS RN: 602-60-8	
N0994 1g 5g  9-(1-Naphthyl)anthracene CAS RN: 7424-70-6	N1130 1g 5g  9-(2-Naphthyl)anthracene CAS RN: 7424-72-8	P1137 1g 5g  9,10-Bis(phenylethynyl)anthracene CAS RN: 10075-85-1	P1984 1g  10-Phenyl-9-anthracene-boronic Acid CAS RN: 334658-75-2	P2588 1g 5g  2-Phenylanthraquinone CAS RN: 6485-97-8	
T3276 200mg 1g  4,4,5,5-Tetramethyl-2-[4-(10-phenylanthracen-9-yl)phenyl]-1,3,2-dioxaborolane CAS RN: 1143576-84-4	T3280 200mg 1g  10-(1,1':3',1''-Terphenyl-5'-yl)anthracene-9-boronic Acid CAS RN: 1415334-59-6	T3306 1g 5g  10-(1-Naphthyl)anthracene-9-boronic Acid Pinacol Ester CAS RN: 1149804-35-2	<h2>Phenanthrenes</h2>		
B2387 100mg  3-Bromophenanthrene CAS RN: 715-50-4	B4671 200mg 1g  2-Bromophenanthrene CAS RN: 62162-97-4	D5050 200mg 1g  2,7-Dibromophenanthrene CAS RN: 62325-30-8	P1093 1g 5g  9-Phenanthreneboronic Acid CAS RN: 68572-87-2	<h2>Triphenylenes</h2>	
B4442 1g 5g  2-Bromotriphenylene CAS RN: 19111-87-6	B4746 200mg 1g  2-(3-Bromophenyl)triphenylene CAS RN: 1313514-53-2	B4955 1g 5g  2-(4-Bromophenyl)triphenylene CAS RN: 1158227-56-5	D4801 200mg 1g  2,7-Dibromotriphenylene CAS RN: 888041-37-0	D4910 200mg 1g  3,6-Dibromo-9-(triphenylene-2-yl)carbazole CAS RN: 1351870-16-0	

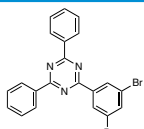
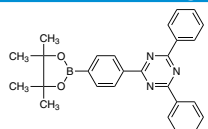
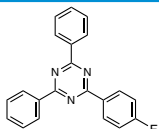
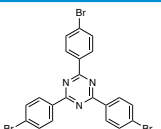
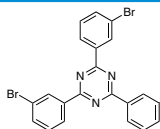
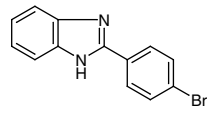
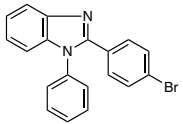
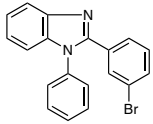
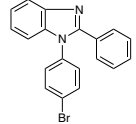
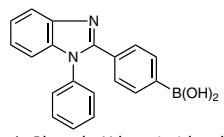
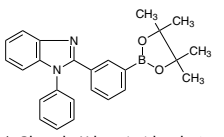
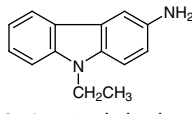
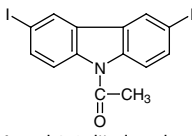
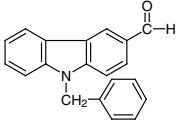
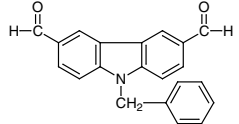
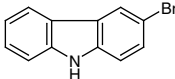
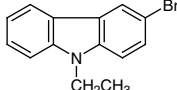
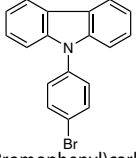
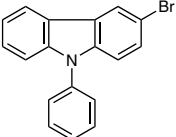
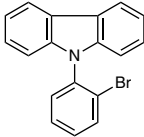
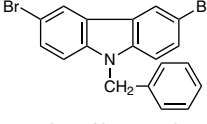
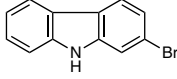
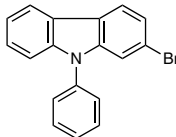
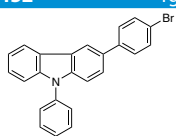
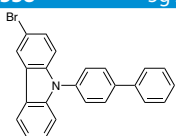
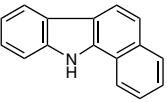
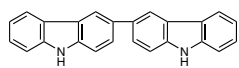
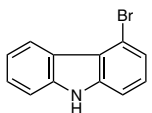
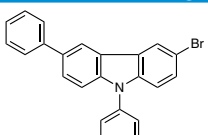
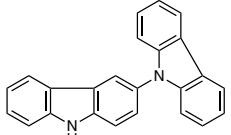
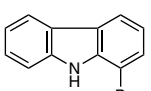
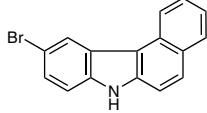
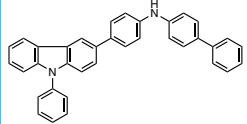
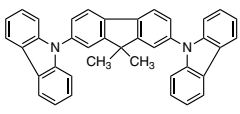
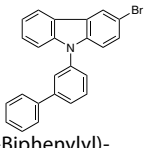
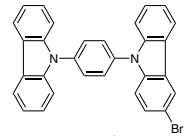
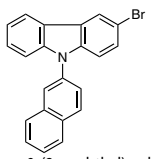
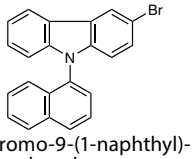
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T3304 200mg 1g  2-Triphenylenecarboxaldehyde CAS RN: 96404-79-4	T3322 1g 5g  Triphenylen-2-ylboronic Acid Pinacol Ester CAS RN: 890042-13-4	<h2>Perylenes</h2>		D3871 1g 5g  1,7-Dibromo-3,4,9,10-perylene-tetracarboxylic Dianhydride CAS RN: 118129-60-5	P2110 1g 5g  3-Formylperylene CAS RN: 35438-63-2
T3089 200mg 1g  (3-Perylenyl)boronic Acid Pinacol Ester CAS RN: 950761-81-6	<h2>Pyrenes</h2>		A0632 1g 5g 25g  1-Aminopyrene CAS RN: 1606-67-3	B1495 5g 25g  1-Bromopyrene CAS RN: 1714-29-0	B2807 1g 5g  4-Bromopyrene CAS RN: 1732-26-9
B3956 1g 5g  2,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)pyrene CAS RN: 688756-58-3	B3957 1g 5g  2-Bromo-7-tert-butylpyrene CAS RN: 78751-80-1	B5489 1g 5g  [7-(tert-Butyl)pyren-2-yl]-boronic Acid Pinacol Ester CAS RN: 1270030-08-4	C1637 1g  1-Chloromethylpyrene CAS RN: 1086-00-6	D2160 100mg  1,6-Diaminopyrene CAS RN: 14923-84-3	
D2167 100mg  1,3-Diaminopyrene CAS RN: 92821-64-2	D2168 100mg  1,8-Diaminopyrene CAS RN: 30269-04-6	D3167 1g 5g  1,6-Dibromopyrene CAS RN: 27973-29-1	D3169 1g  2,7-Dibromopyrene CAS RN: 102587-98-4	D4187 1g 5g  1,3-Dibromo-7-tert-butylpyrene CAS RN: 1005771-04-9	
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N1061 1g  4-Nitro-1,2,3,6,7,8-hexahydropyrene CAS RN: 88535-47-1	P1221 1g 5g  1-Pyrenemethanol CAS RN: 24463-15-8	P1448 1g 5g  1-Formylpyrene CAS RN: 3029-19-4	P1625 1g 5g 25g  1-Pyreneboronic Acid CAS RN: 164461-18-1	P1687 1g 5g  1-Pyrenecarboxylic Acid CAS RN: 19694-02-1	
P2305 1g 5g  4-(1-Pyrenyl)phenylboronic Acid CAS RN: 872050-52-7	T2655 100mg  4,5,9,10-Tetrahydropyrene (purified by sublimation) CAS RN: 781-17-9	T2716 5g  1,3,6,8-Tetrabromopyrene CAS RN: 128-63-2	<h2>Fluorenes/Fluorenones</h2>		
				A0621 5g 25g  2-Aminofluorene CAS RN: 153-78-6	

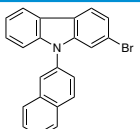
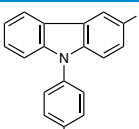
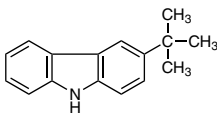
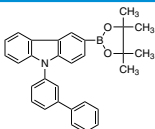
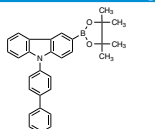
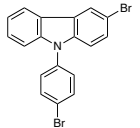
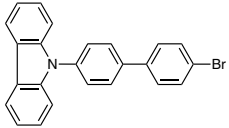
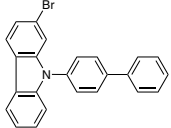
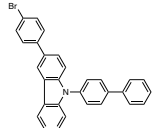
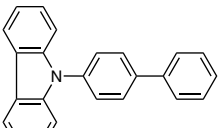
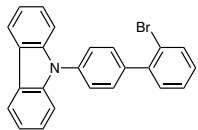
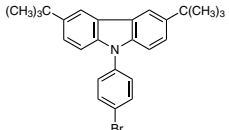
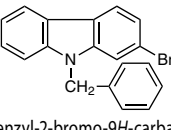
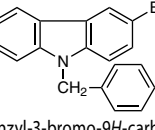
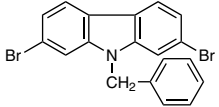
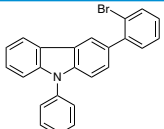
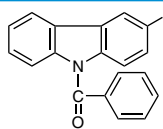
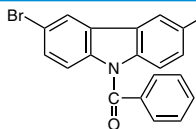
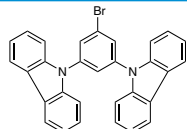
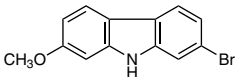
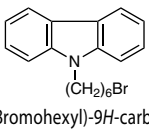
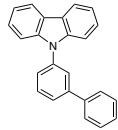
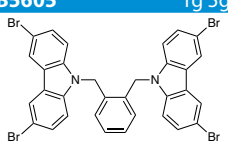
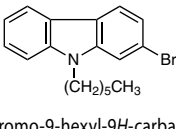
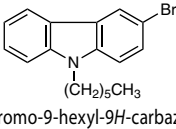
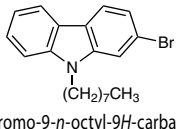
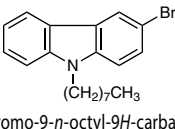
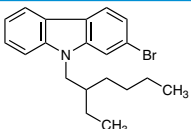
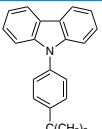
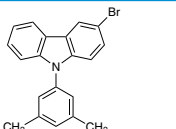
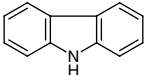
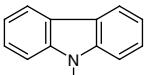
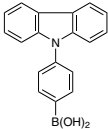
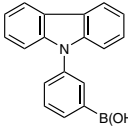
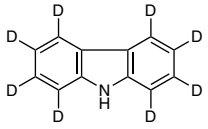
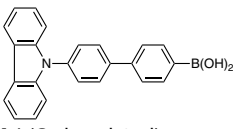
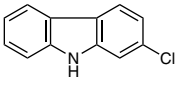
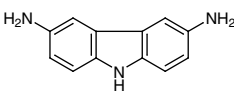
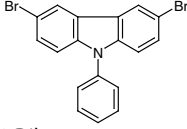
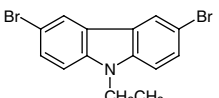
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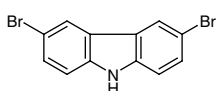
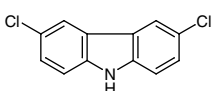
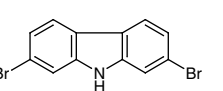
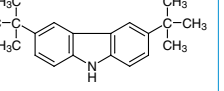
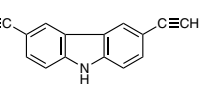
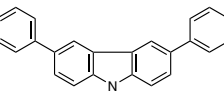
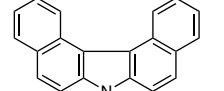
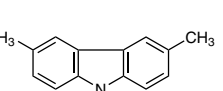
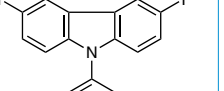
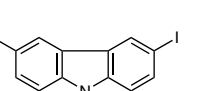
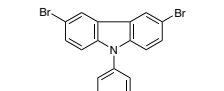
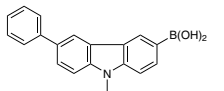
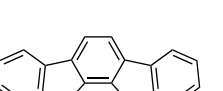
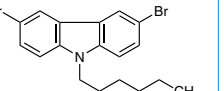
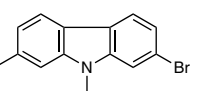
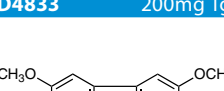
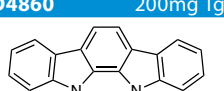
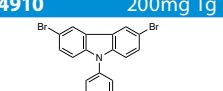
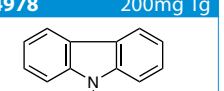
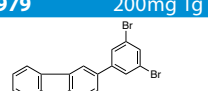
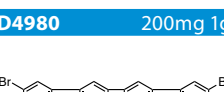
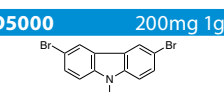
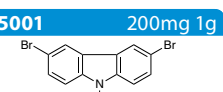
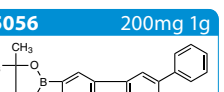

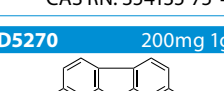
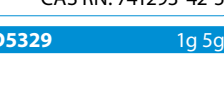

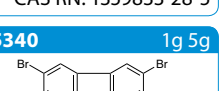
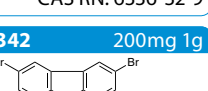

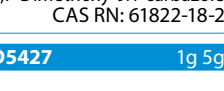
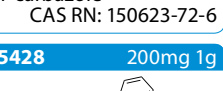
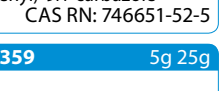
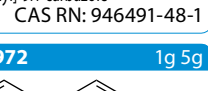
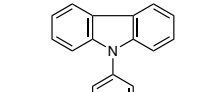
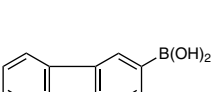
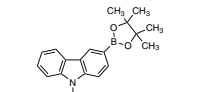
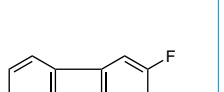
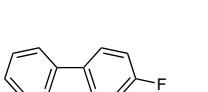
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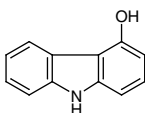
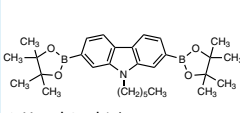
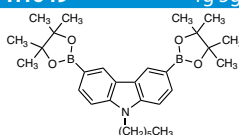
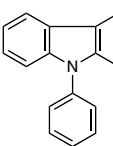
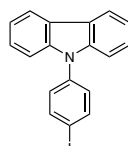
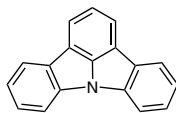
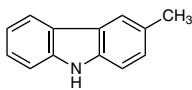
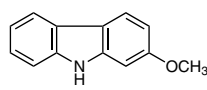
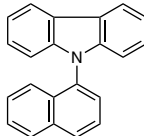
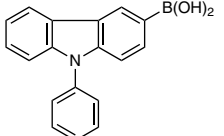
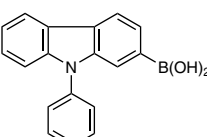
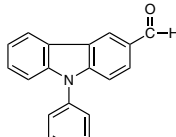
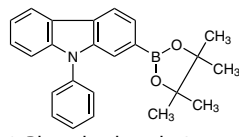
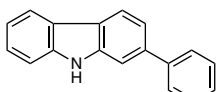
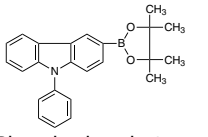
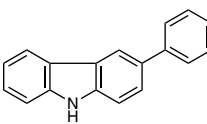
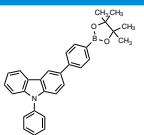
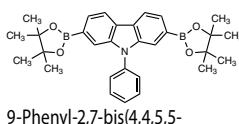
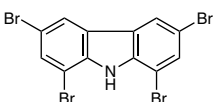
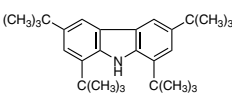
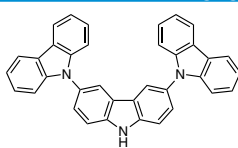
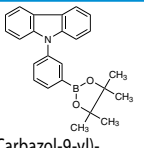
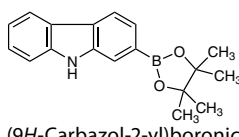
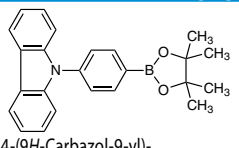
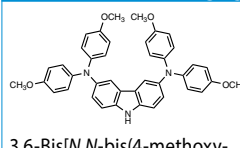
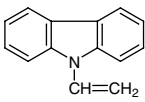
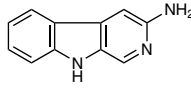
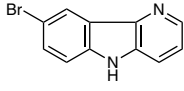
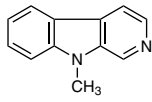
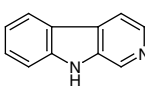
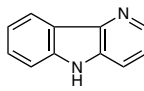
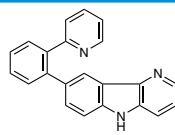
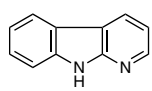
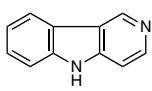
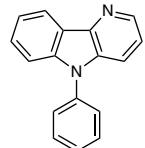
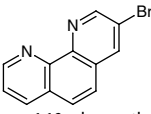
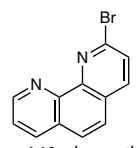
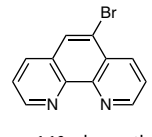
Phenylpyridines

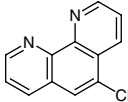
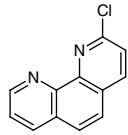
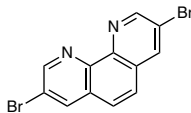
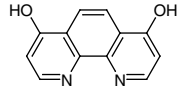
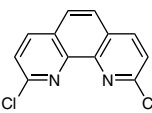
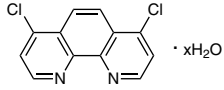
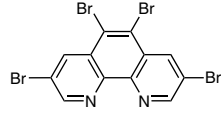
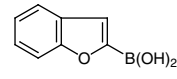
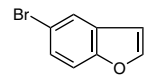
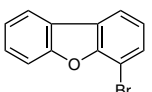
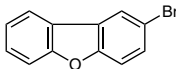
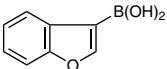
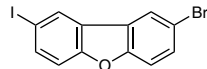
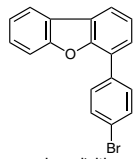
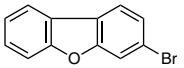
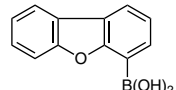
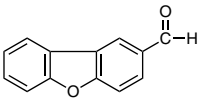
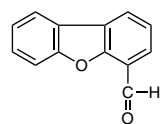
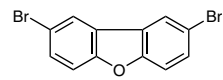
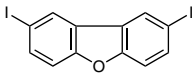
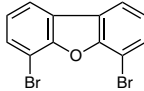
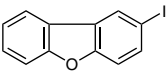
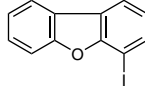
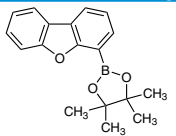
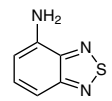

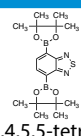
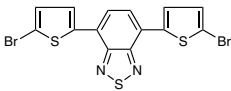
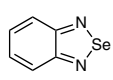
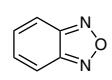
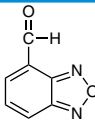
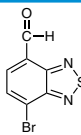
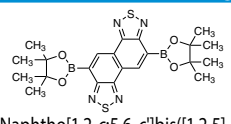
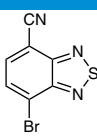
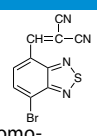
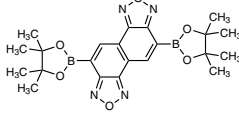
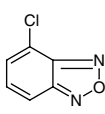
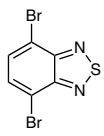
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M2969 200mg 1g  5-Methyl-2-phenylpyridine CAS RN: 27012-22-2	P1671 1g 5g  4-(2-Pyridyl)benzaldehyde CAS RN: 127406-56-8	P1889 1g  2-(3-Formylphenyl)pyridine CAS RN: 85553-53-3	P1983 200mg 1g  4-(4-Pyridyl)benzaldehyde CAS RN: 99163-12-9	P2384 200mg 1g  6-Phenyl-3-pyridylboronic Acid Pinacol Ester CAS RN: 879291-27-7
P2392 1g 5g  4-(3-Pyridyl)phenylboronic Acid Hydrochloride	T3313 1g 5g  3-(3-Pyridyl)phenylboronic Acid Pinacol Ester CAS RN: 939430-30-5	T3399 200mg 1g  3-(4-Pyridyl)phenylboronic Acid Pinacol Ester CAS RN: 1009033-83-3	T3400 200mg 1g  4-(4-Pyridyl)phenylboronic Acid Pinacol Ester CAS RN: 1009033-87-7	<h2>Pyrimidines</h2>
A2921 1g 5g  2-Amino-4,6-diphenylpyrimidine CAS RN: 40230-24-8	B4662 200mg 1g  2-Bromo-4,6-diphenylpyrimidine CAS RN: 56181-49-8	B4930 200mg 1g  4-(3-Bromophenyl)- 2,6-diphenylpyrimidine CAS RN: 864377-28-6	B4933 1g  4-(4-Bromophenyl)- 2,6-diphenylpyrimidine CAS RN: 58536-46-2	B4953 1g 5g  4-(Biphenyl-4-yl)-6-(4-bromo- phenyl)-2-phenylpyrimidine CAS RN: 1421599-34-9
C3016 1g 5g  4-Chloro-2,6-diphenylpyrimidine CAS RN: 29509-91-9	C3123 1g 5g  2-Chloro-4,6-diphenylpyrimidine CAS RN: 2915-16-4	D4600 1g 5g  4,6-Dibromopyrimidine CAS RN: 36847-10-6	D4895 200mg 1g  4-(3,5-Dibromophenyl)- 2,6-diphenylpyrimidine CAS RN: 607740-08-9	<h2>Triazines</h2>
B4894 1g 5g  2-(3-Bromophenyl)-4,6- diphenyl-1,3,5-triazine CAS RN: 864377-31-1	B4927 1g 5g  2-(4-Bromophenyl)-4,6- diphenyl-1,3,5-triazine CAS RN: 23449-08-3	B4939 1g 5g  2-Bromo-4,6-diphenyl- 1,3,5-triazine CAS RN: 80984-79-8	B4940 200mg 1g  2-(4-Biphenyl)-4,6-dichloro- 1,3,5-triazine CAS RN: 10202-45-6	B4941 200mg 1g  2,4-Bis(4-biphenyl)- 6-chloro-1,3,5-triazine CAS RN: 182918-13-4
B5663 200mg 1g  2-(2-Bromophenyl)- 4,6-diphenyl-1,3,5-triazine CAS RN: 77989-15-2	C2703 5g 25g  2-Chloro-4,6-diphenyl- 1,3,5-triazine CAS RN: 3842-55-5	C3162 200mg 1g  2-(3'-Chlorobiphenyl-3-yl)- 4,6-diphenyl-1,3,5-triazine CAS RN: 1443049-83-9	C3163 200mg 1g  2-(3'-Chlorobiphenyl-4-yl)- 4,6-diphenyl-1,3,5-triazine CAS RN: 1443049-84-0	C3164 200mg 1g  2-(4'-Chlorobiphenyl-3-yl)- 4,6-diphenyl-1,3,5-triazine CAS RN: 1443049-85-1

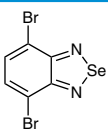
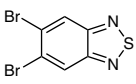
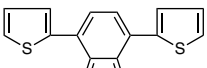
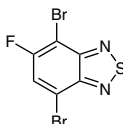
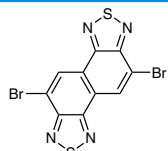
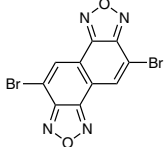
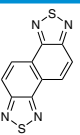
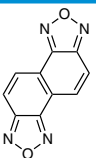
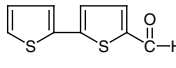
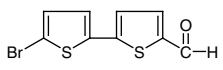
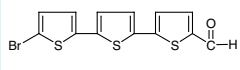
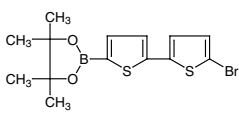
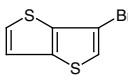
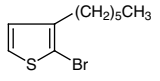
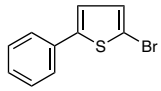
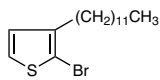
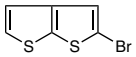
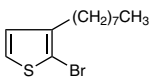
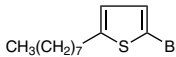
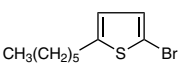
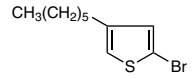
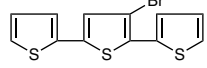
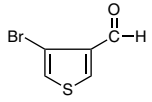
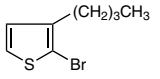
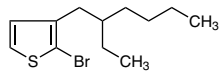
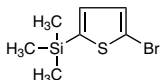
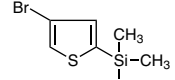
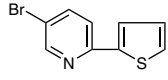
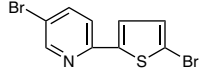
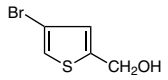
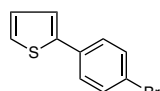
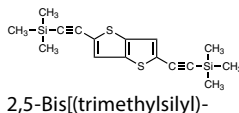
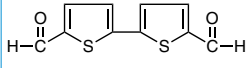
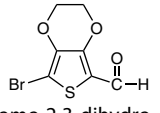
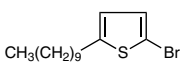
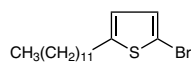
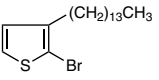
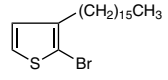
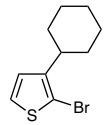
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<h2>Benzimidazoles</h2>				
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P2158 1g 5g  4-(1-Phenyl-1H-benzimidazol-2-yl)phenylboronic Acid CAS RN: 952514-79-3	P2263 1g 5g  3-(1-Phenyl-1H-benzimidazole-2-yl)phenylboronic Acid Pinacol Ester CAS RN: 952514-86-2	<h2>Carbazoles</h2>		A1508 5g  3-Amino-9-ethylcarbazole CAS RN: 132-32-1
				A2051 1g 5g  9-Acetyl-3,6-diiodocarbazole CAS RN: 606129-89-9
B2804 1g 5g  9-Benzylcarbazole-3-carboxaldehyde CAS RN: 54117-37-2	B2805 100mg  9-Benzylcarbazole-3,6-dicarboxaldehyde CAS RN: 200698-05-1	B3458 5g 25g  3-Bromocarbazole CAS RN: 1592-95-6	B3459 1g 5g  3-Bromo-9-ethylcarbazole CAS RN: 57102-97-3	B3554 1g 5g  9-(4-Bromophenyl)carbazole CAS RN: 57102-42-8
B3908 1g 5g  3-Bromo-9-phenylcarbazole CAS RN: 1153-85-1	B4109 1g 5g  9-(2-Bromophenyl)-9H-carbazole CAS RN: 902518-11-0	B4348 1g  9-Benzyl-3,6-dibromocarbazole CAS RN: 118599-27-2	B4381 5g 25g  2-Bromocarbazole CAS RN: 3652-90-2	B4439 1g 5g  2-Bromo-9-phenylcarbazole CAS RN: 94994-62-4
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B4960 200mg 1g  DMFL-CBP CAS RN: 226958-06-1	B5024 1g 5g  9-(3-Biphenyl)-3-bromocarbazole CAS RN: 1428551-28-3	B5027 200mg 1g  3'-Bromo-1,4-di(9-carbazolyl)benzene CAS RN: 1537218-76-0	B5028 1g 5g  3-Bromo-9-(2-naphthyl)carbazole CAS RN: 934545-80-9	B5050 200mg 1g  3-Bromo-9-(1-naphthyl)-9H-carbazole CAS RN: 934545-83-2

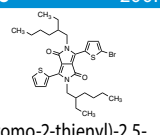
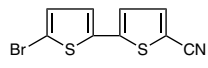
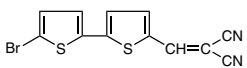
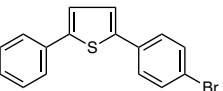
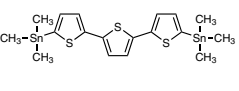
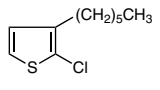
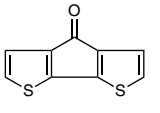
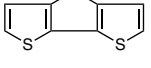
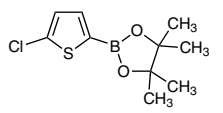
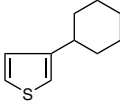
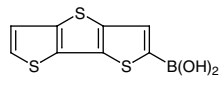
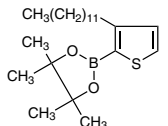
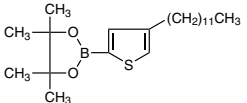
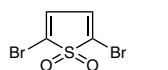
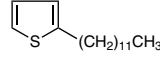
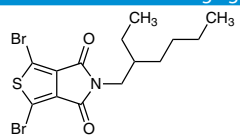
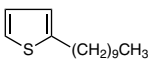
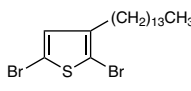
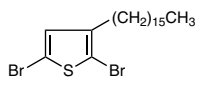
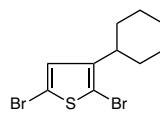
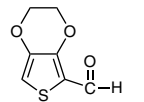
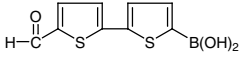
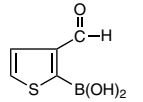
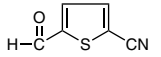
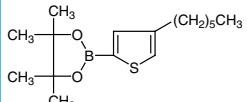
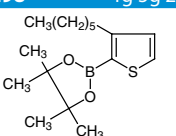
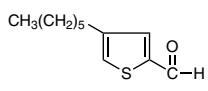
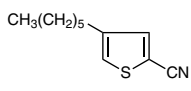
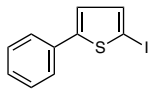
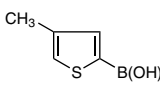
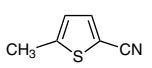
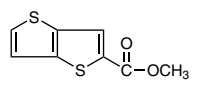
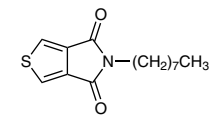
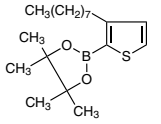
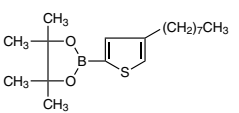
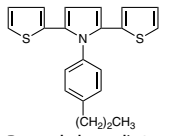
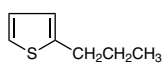
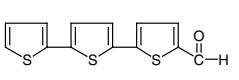
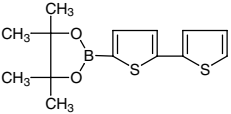
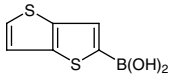
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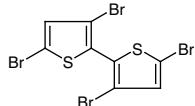
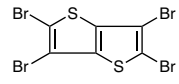
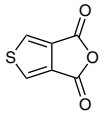
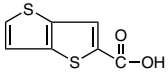
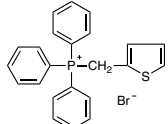
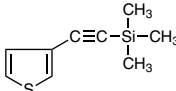
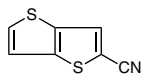
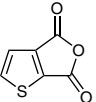
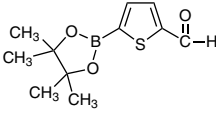
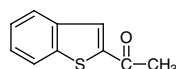
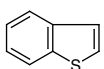
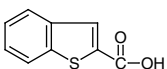
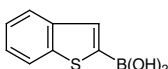
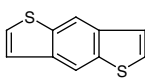
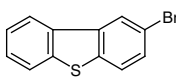
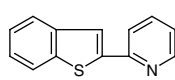
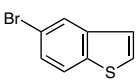
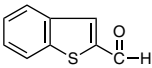
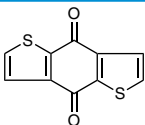
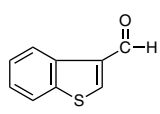
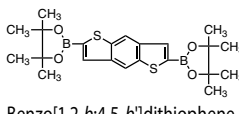
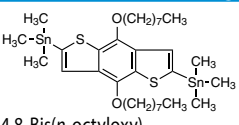
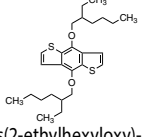
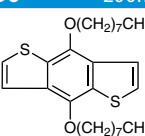
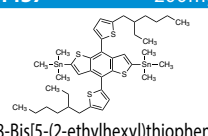
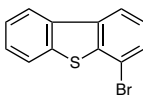
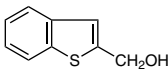
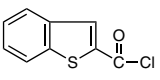
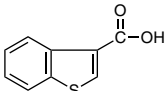
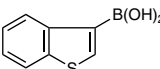
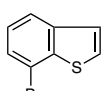
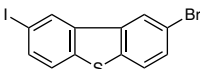
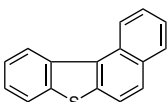
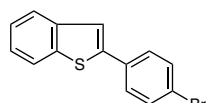
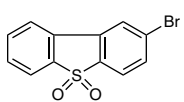
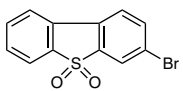
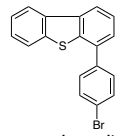
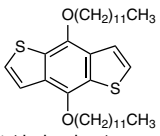
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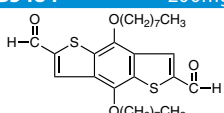
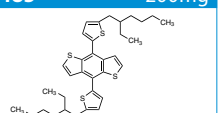
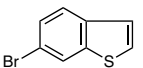
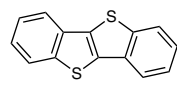
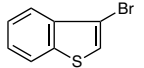
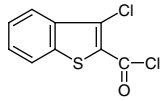
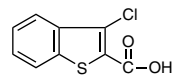
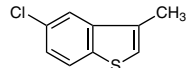
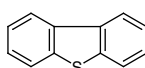
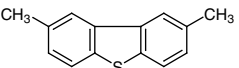
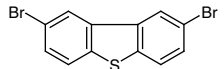
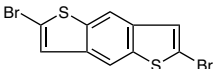
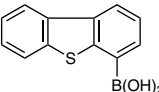
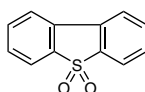
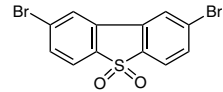
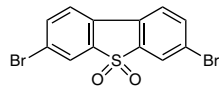
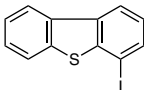
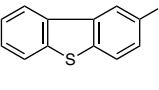
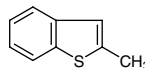
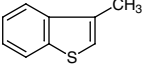
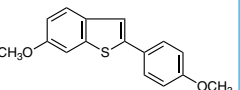
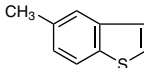
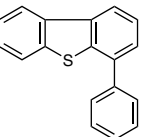
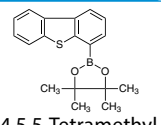
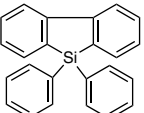
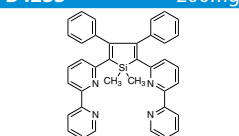
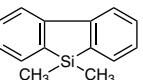
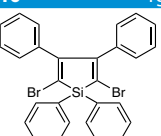
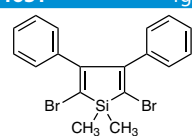
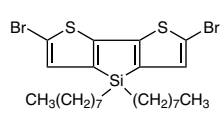
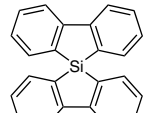
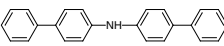
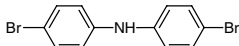
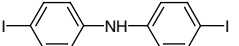
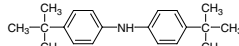
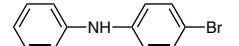
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V0021 25g  9-Vinylcarbazole CAS RN: 1484-13-5	<h2>Carbolines</h2>		A2486 100mg 1g  3-Amino-β-carboline CAS RN: 73834-77-2	B4747 100mg  8-Bromo-5H-pyrido[3,2-b]indole CAS RN: 1236349-67-9	M2818 1g 5g  9-Methyl-β-carboline CAS RN: 2521-07-5
P1121 100mg  β-Carboline CAS RN: 244-63-3	P2274 100mg  δ-Carboline CAS RN: 245-08-9	P2307 100mg  8-[2-(2-Pyridyl)phenyl]-5H-pyrido[3,2-b]indole CAS RN: 1251503-35-1	P2310 200mg 1g  α-Carboline CAS RN: 244-76-8	P2362 200mg 1g  γ-Carboline CAS RN: 244-69-9	
P2578 200mg 1g  9-Phenyl-δ-carboline CAS RN: 1541200-53-6	<h2>Phenanthrolines</h2>		B2632 200mg  3-Bromo-1,10-phenanthroline CAS RN: 66127-01-3	B4456 1g 5g  2-Bromo-1,10-phenanthroline CAS RN: 22426-14-8	B5567 200mg 1g  5-Bromo-1,10-phenanthroline CAS RN: 40000-20-2

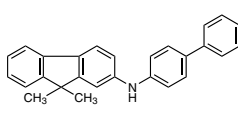
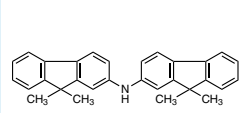
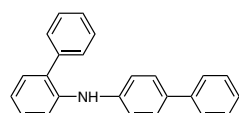
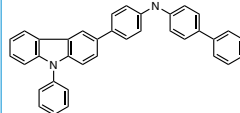
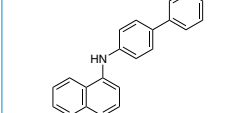
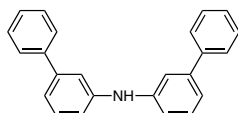
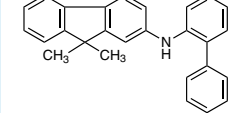
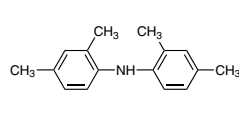
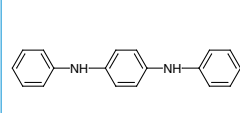
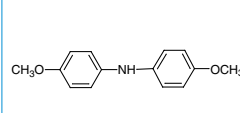
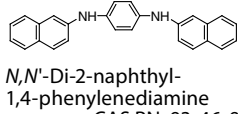
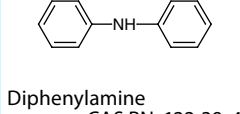
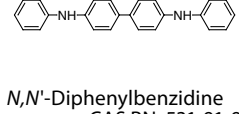
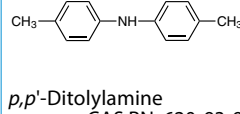
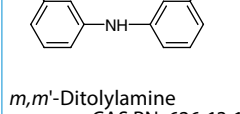
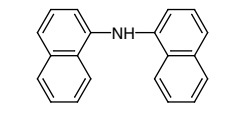
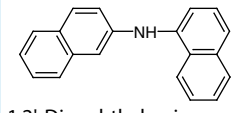
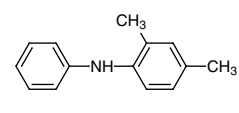
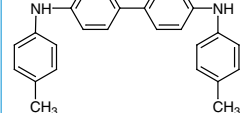
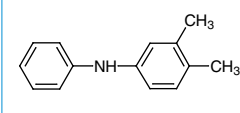
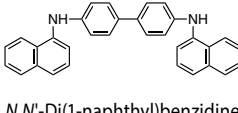
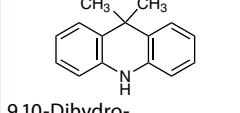
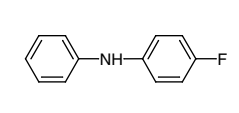
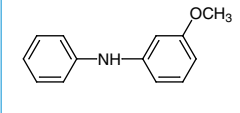
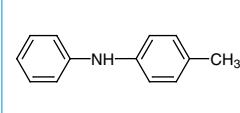
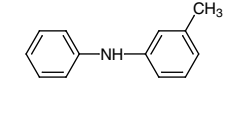
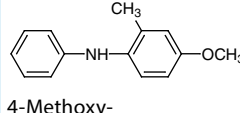
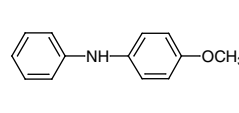
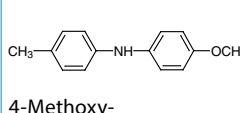
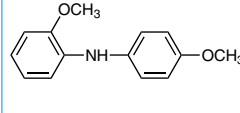
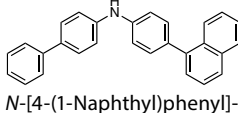
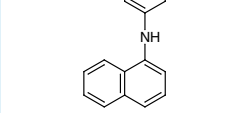
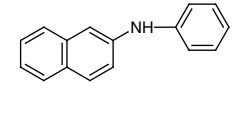
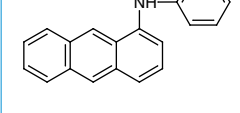
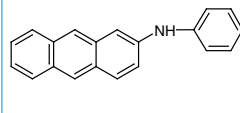
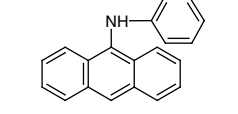
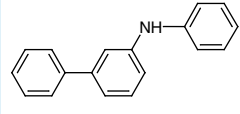
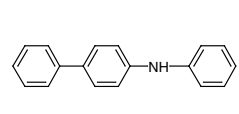
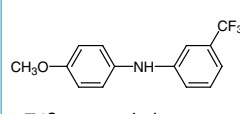
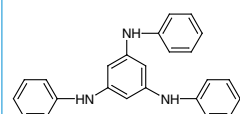
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D4421 200mg 1g  4,7-Dichloro-1,10-phenanthroline Hydrate CAS RN: 5394-23-0	T3133 100mg  3,5,6,8-Tetrabromo-1,10-phenanthroline CAS RN: 66127-00-2	Benzofurans		B2978 1g  Benzofuran-2-boronic Acid CAS RN: 98437-24-2	B3889 1g 5g  5-Bromobenzofuran CAS RN: 23145-07-5
B4345 1g 5g  4-Bromodibenzofuran CAS RN: 89827-45-2	B4459 1g 5g  2-Bromodibenzofuran CAS RN: 86-76-0	B4522 1g 5g  Benzofuran-3-boronic Acid CAS RN: 317830-83-4	B4867 200mg 1g  2-Bromo-8-iododibenzofuran CAS RN: 916435-41-1	B4884 1g 5g  4-(4-Bromophenyl)dibenzofuran CAS RN: 955959-84-9	
B5451 200mg 1g  3-Bromodibenzofuran CAS RN: 26608-06-0	D4567 1g 5g  Dibenzofuran-4-boronic Acid CAS RN: 100124-06-9	D4759 1g 5g  Dibenzofuran-2-carboxaldehyde CAS RN: 5397-82-0	D4771 1g 5g  Dibenzofuran-4-carboxaldehyde CAS RN: 96706-46-6	D4821 1g 5g  2,8-Dibromodibenzofuran CAS RN: 10016-52-1	
D4835 200mg 1g  2,8-Diiododibenzofuran CAS RN: 5943-11-3	D4858 200mg 1g  4,6-Dibromodibenzofuran CAS RN: 201138-91-2	I0968 1g 5g  2-Iododibenzofuran CAS RN: 5408-56-0	I0972 200mg 1g  4-Iododibenzofuran CAS RN: 65344-26-5	T3602 1g 5g  Dibenzofuran-4-boronic Acid Pinacol Ester CAS RN: 912824-85-2	
Benzo-thiadiazoles & Analogs		A1385 1g 5g  4-Amino-2,1,3-benzothiadiazole CAS RN: 767-64-6	B0921 10g 25g  2,1,3-Benzothiadiazole CAS RN: 273-13-2	B3573 1g 5g  4,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2,1,3-benzothiadiazole CAS RN: 934365-16-9	B3886 100mg 1g  4,7-Bis(5-bromo-2-thienyl)-2,1,3-benzothiadiazole CAS RN: 288071-87-4
B4313 200mg 1g  2,1,3-Benzoselenadiazole CAS RN: 273-15-4	B4473 1g 5g  2,1,3-Benzoxadiazole CAS RN: 273-09-6	B4928 1g  4-Formylbenzofuran CAS RN: 32863-32-4	B5433 200mg  7-Bromo-4-formyl-2,1,3-benzothiadiazole CAS RN: 1071224-34-4	B5470 100mg  Naphtho[1,2-c:5,6-c']bis([1,2,5]-thiadiazole)-5,10-diboronic Acid Bis(pinacol) Ester CAS RN: 1467776-41-5	
B5473 200mg  7-Bromo-4-cyano-2,1,3-benzothiadiazole CAS RN: 1331742-86-9	B5474 200mg  2-[(7-Bromo-2,1,3-benzothiadiazol-4-yl)methylene]malononitrile CAS RN: 1335150-10-1	B5774 100mg  Bpin ₂ -NOz	C1337 5g 25g  4-Chlorobenzofuran CAS RN: 7116-16-7	D3842 1g 5g 25g  4,7-Dibromo-2,1,3-benzothiadiazole CAS RN: 15155-41-6	

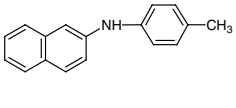
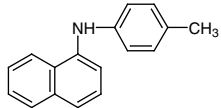
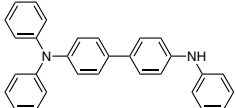
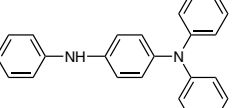
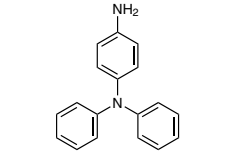
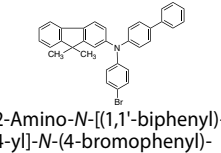
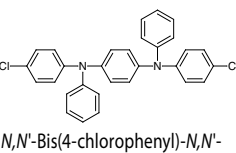
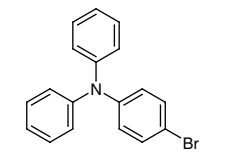
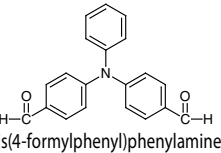
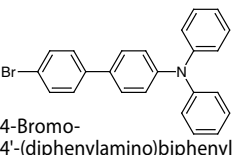
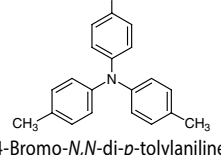
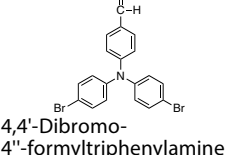
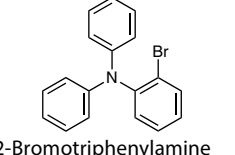
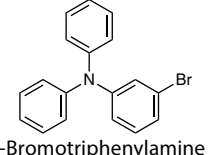
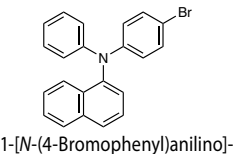
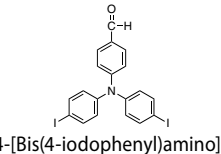
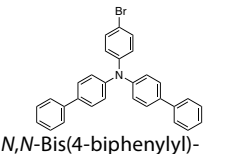
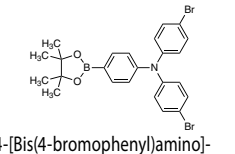
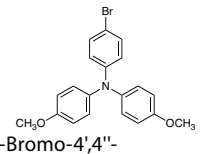
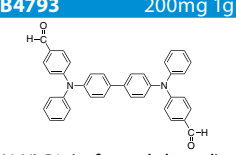
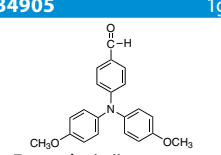
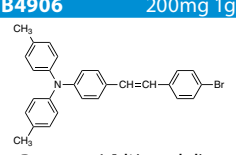
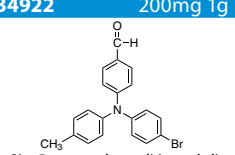
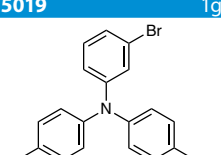
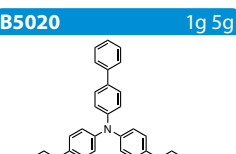
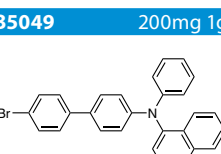
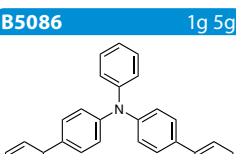
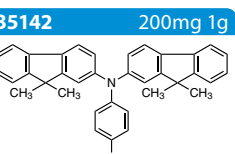
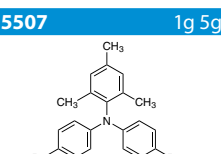
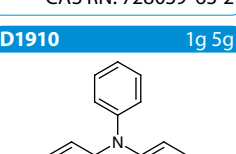
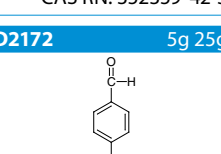
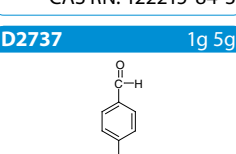
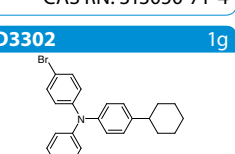
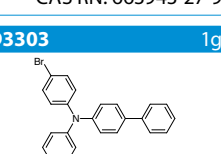
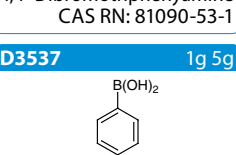
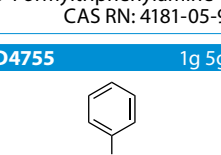
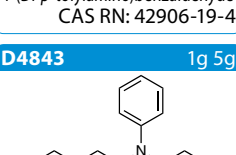
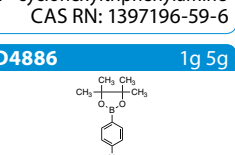
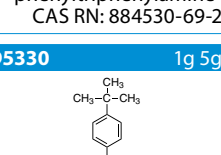
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D5496 100mg  Br ₂ -NOz CAS RN: 1437229-17-8	N1105 200mg  Naphtho[1,2-c:5,6-c']-bis([1,2,5]thiadiazole) CAS RN: 133546-47-1	N1137 200mg  NOz CAS RN: 1394221-73-8	<h2>Thiophenes</h2>		B1838 1g 5g 25g  2,2'-Bithiophene-5-carboxaldehyde CAS RN: 3779-27-9
B1874 1g 5g  5-Bromo-2,2'-bithiophene-5'-carboxaldehyde CAS RN: 110046-60-1	B2058 100mg 1g 5g  5''-Bromo-2,2':5',2''-terthiophene-5-carboxaldehyde CAS RN: 161726-69-8	B3200 1g  5-Bromo-5'-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2,2'-bithiophene CAS RN: 578715-23-8	B3226 200mg 1g  3-Bromothiophene[3,2-b]thiophene CAS RN: 25121-83-9	B3507 5g 25g  2-Bromo-3-hexylthiophene CAS RN: 69249-61-2	
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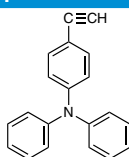
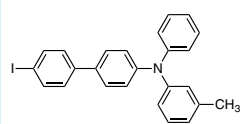
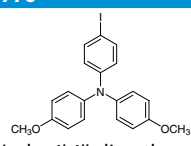
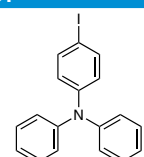
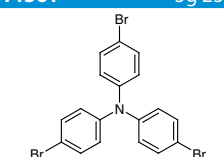
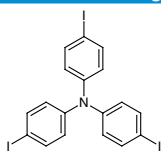
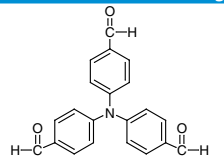
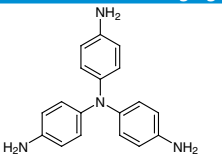
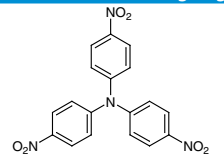
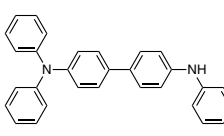
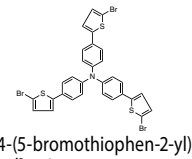
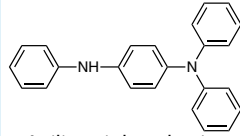
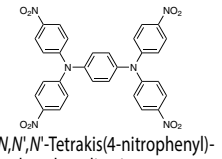
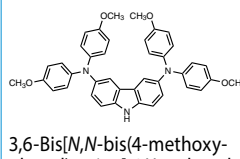
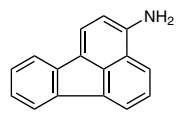
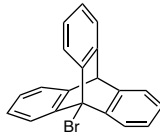
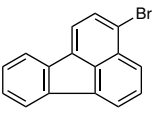
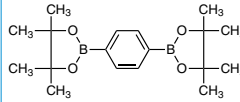
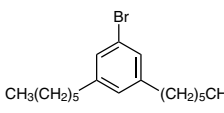
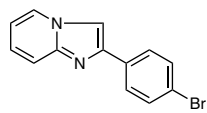
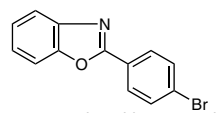
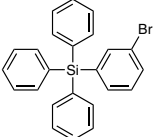
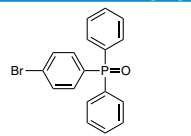
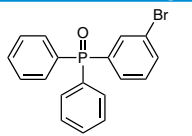
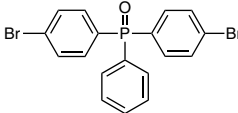
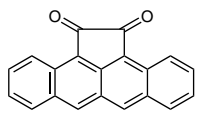
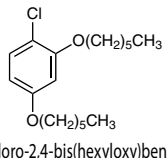
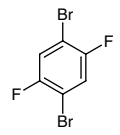
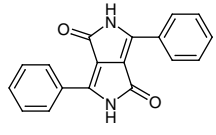
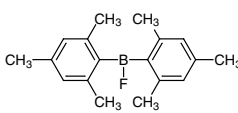
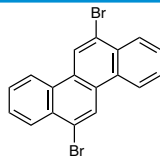
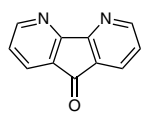
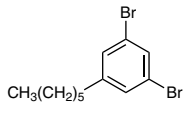
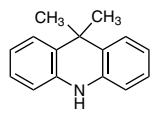
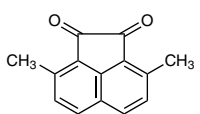
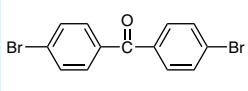
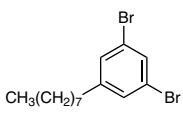
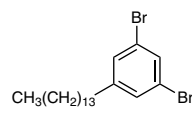
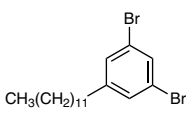
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C2613 5g  2-Chloro-3-hexylthiophene CAS RN: 817181-75-2	C2715 200mg  4H-Cyclopenta[1,2-b:5,4-b']dithiophen-4-one CAS RN: 25796-77-4	C3021 200mg 1g  4H-Cyclopenta[2,1-b:3,4-b']dithiophene CAS RN: 389-58-2	C3301 1g 5g  5-Chloro-2-thiopheneboronic Acid Pinacol Ester CAS RN: 635305-24-7	C3400 1g 5g  3-Cyclohexylthiophene CAS RN: 120659-34-9
D3823 200mg 1g  Dithieno[3,2-b:2',3'-d]-thiophene-2-boronic Acid CAS RN: 183960-95-4	D4290 1g 5g  3-Dodecyl-2-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene CAS RN: 960524-18-9	D4291 1g 5g  4-Dodecyl-2-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene CAS RN: 1173788-58-3	D4376 1g  2,5-Dibromothiophene 1,1-Dioxide CAS RN: 89088-95-9	D4874 1mL 5mL  2-Dodecylthiophene CAS RN: 4861-61-4
D5021 200mg 1g  2,5-Dibromo-N-(2-ethylhexyl)-3,4-thiophenedicarboximide CAS RN: 1231160-83-0	D5240 1mL 5mL  2-Decylthiophene CAS RN: 24769-39-9	D5241 1g 5g  2,5-Dibromo-3-tetradecylthiophene CAS RN: 160096-74-2	D5242 1g 5g  2,5-Dibromo-3-hexadecylthiophene CAS RN: 178452-13-6	D5247 1g  2,5-Dibromo-3-cyclohexylthiophene CAS RN: 302912-44-3
E1150 1g 5g  3,4-Ethylenedioxythiophene-2-carboxaldehyde CAS RN: 204905-77-1	F0548 1g  5'-Formyl-2,2'-bithiophene-5-boronic Acid CAS RN: 1369328-62-0	F0801 1g 5g  3-Formyl-2-thiopheneboronic Acid CAS RN: 17303-83-2	F1133 1g 5g  5-Formylthiophene-2-carbonitrile CAS RN: 21512-16-3	H1294 1g 5g  4-Hexyl-2-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene CAS RN: 883742-29-8
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M2959 1g  5-Methylthiophene-2-carbonitrile CAS RN: 72835-25-7	M3001 1g 5g  Methyl Thieno[3,2-b]thiophene-2-carboxylate CAS RN: 98800-10-3	O0394 200mg 1g  N-n-Octyl-3,4-thiophenedicarboximide CAS RN: 773881-43-9	O0410 1g 5g  3-n-Octyl-2-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene CAS RN: 405165-14-2	O0411 1g 5g  4-n-Octyl-2-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophene CAS RN: 405165-12-0
P2210 200mg 1g  1-(4-Propylphenyl)-2,5-di(2-thienyl)-1H-pyrrole CAS RN: 499793-84-9	P2451 5g 25g  2-Propylthiophene CAS RN: 1551-27-5	T1805 1g  2,2':5',2''-Terthiophene-5-carboxaldehyde CAS RN: 7342-41-8	T2518 1g 5g 25g  5-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)-2,2'-bithiophene CAS RN: 479719-88-5	T2621 1g  Thieno[3,2-b]thiophene-2-boronic Acid CAS RN: 160032-40-6

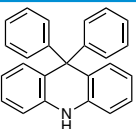
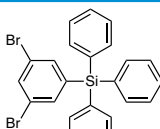
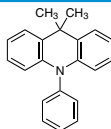
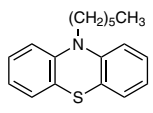
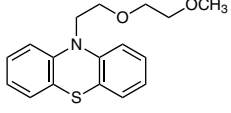
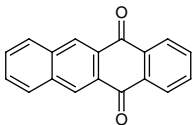
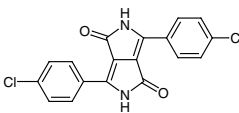
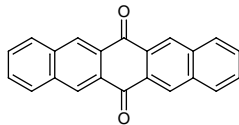
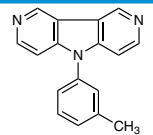
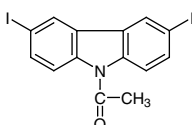
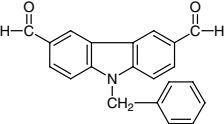
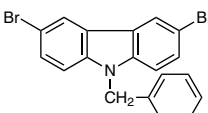
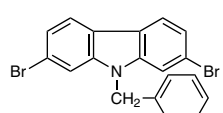
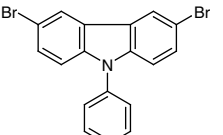
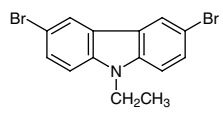
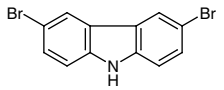
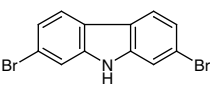
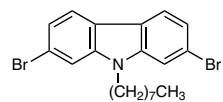
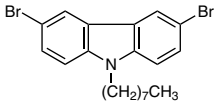
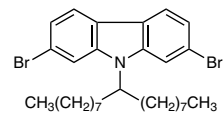
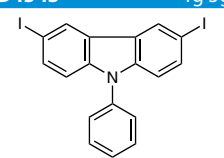
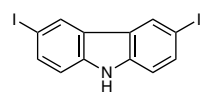
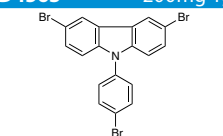
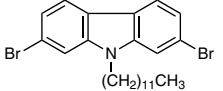
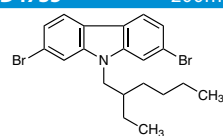
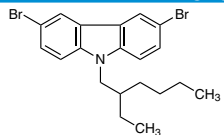
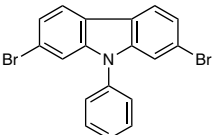
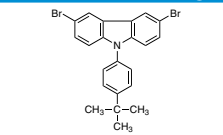
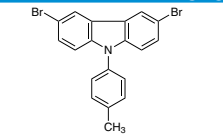
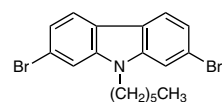
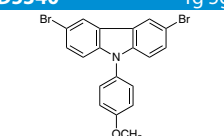
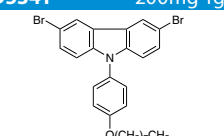
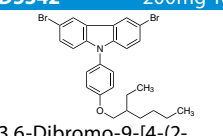
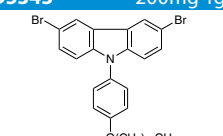
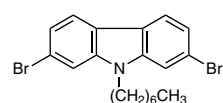
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T3190 1g 5g  3-(Trimethylsilylethynyl)-thiophene CAS RN: 130995-13-0	T3221 200mg 1g  Thieno[3,2-b]thiophene-2-carbonitrile CAS RN: 40985-58-8	T3342 1g 5g  2,3-Thiophenedicarboxylic Anhydride CAS RN: 6007-83-6	T3485 1g 5g  5-Formyl-2-thiopheneboronic Acid Pinacol Ester CAS RN: 1040281-83-1	<h2 style="color: #0070C0;">Benzo-thiophenes</h2>
A1497 5g 25g  2-Acetylbenzo[b]thiophene CAS RN: 22720-75-8	B0093 5g 25g  Benzo[b]thiophene CAS RN: 95-15-8	B2033 1g  Benzo[b]thiophene-2-carboxylic Acid CAS RN: 6314-28-9	B2893 1g 5g 25g  Benzo[b]thiophene-2-boronic Acid CAS RN: 98437-23-1	
B3464 1g 5g  Benzo[1,2-b:4,5-b']-dithiophene CAS RN: 267-65-2	B3525 5g 25g  2-Bromodibenzothiophene CAS RN: 22439-61-8	B3561 1g  2-(2-Pyridyl)benzo[b]thiophene CAS RN: 38210-35-4	B3762 1g 5g  5-Bromobenzo[b]thiophene CAS RN: 4923-87-9	B3777 5g  Benzo[b]thiophene-2-carboxaldehyde CAS RN: 3541-37-5
B3793 1g 5g  Benzo[1,2-b:4,5-b']dithiophene-4,8-dione CAS RN: 32281-36-0	B4086 1g 5g  Benzo[b]thiophene-3-carboxaldehyde CAS RN: 5381-20-4	B4158 1g 5g  Benzo[1,2-b:4,5-b']dithiophene-2,6-diboronic Acid Bis(pinacol) Ester CAS RN: 861398-06-3	B4378 200mg  4,8-Bis(<i>n</i> -octyloxy)-2,6-bis(trimethylstannyl)-benzo[1,2-b:4,5-b']dithiophene CAS RN: 1098102-95-4	B4395 200mg 1g 5g  4,8-Bis(2-ethylhexyloxy)-benzo[1,2-b:4,5-b']dithiophene CAS RN: 1160823-77-7
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B4650 200mg 1g  Benzo[b]thiophene-3-carboxylic Acid CAS RN: 5381-25-9	B4774 1g 5g  Benzo[b]thiophene-3-boronic Acid CAS RN: 113893-08-6	B4829 200mg 1g  7-Bromobenzo[b]thiophene CAS RN: 1423-61-6	B4904 200mg 1g  2-Bromo-8-iododibenzothiophene CAS RN: 1206544-88-8	B4951 1g 5g  Benzo[b]naphtho[1,2-d]thiophene CAS RN: 205-43-6
B5016 200mg 1g  2-(4-Bromophenyl)-benzo[b]thiophene CAS RN: 19437-86-6	B5267 200mg 1g  2-Bromodibenzosulfolane CAS RN: 53846-85-8	B5268 200mg 1g  3-Bromodibenzosulfolane CAS RN: 116668-69-0	B5384 200mg 1g  4-(4-Bromophenyl)-dibenzothiophene CAS RN: 530402-77-8	B5454 200mg 1g  4,8-Bis(dodecyloxy)-benzo[1,2-b:4,5-b']dithiophene CAS RN: 1044795-04-1

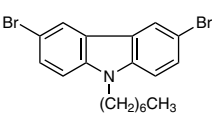
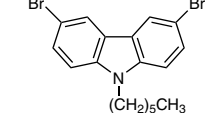
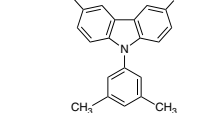
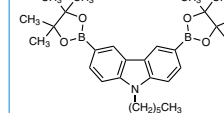
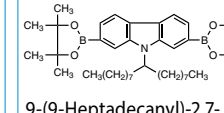
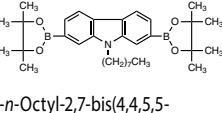
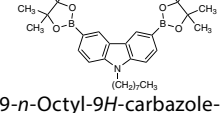
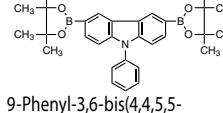
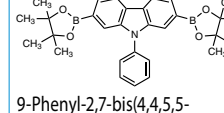
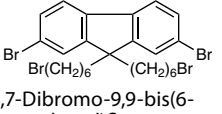
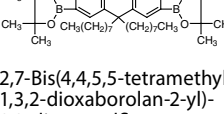
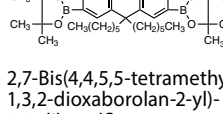
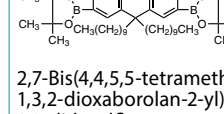
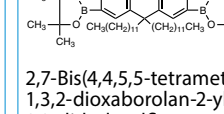
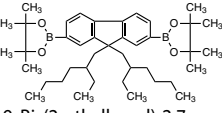
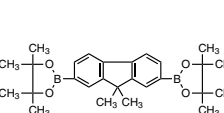
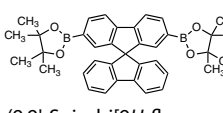
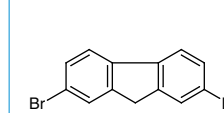
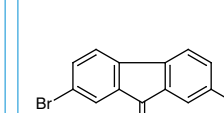

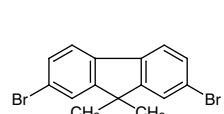
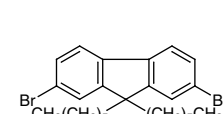
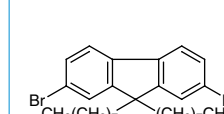
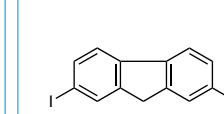
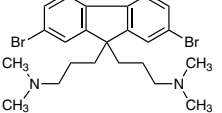
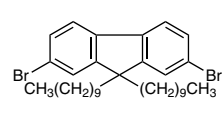
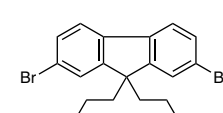
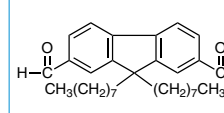
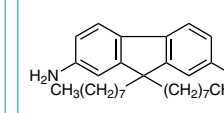
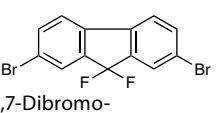
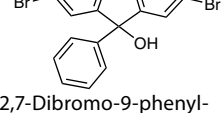
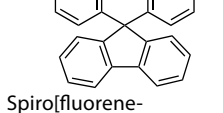
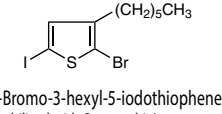
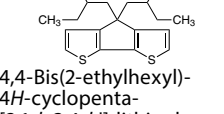
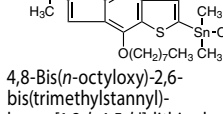
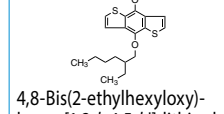
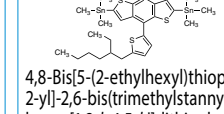
B5484 200mg  4,8-Bis(<i>n</i> -octyloxy)benzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene-2,6-dicarbaldehyde CAS RN: 1668554-22-0	B5485 200mg  4,8-Bis[5-(2-ethylhexyl)thiophen-2-yl]benzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene CAS RN: 1352642-35-3	B5523 1g  6-Bromobenzo[<i>b</i>]thiophene CAS RN: 17347-32-9	B5551 200mg 1g  Benzo[<i>b</i>]benzo[4,5]-thieno[2,3- <i>d</i>]thiophene CAS RN: 248-70-4	B5589 5g 25g  3-Bromobenzo[<i>b</i>]thiophene CAS RN: 7342-82-7
C2286 1g  3-Chlorobenzo[<i>b</i>]thiophene-2-carbonyl Chloride CAS RN: 21815-91-8	C2444 1g 5g  3-Chlorobenzo[<i>b</i>]thiophene-2-carboxylic Acid CAS RN: 21211-22-3	C2457 5g 25g  5-Chloro-3-methylbenzo[<i>b</i>]thiophene CAS RN: 19404-18-3	D0148 5g 25g  Dibenzothiophene CAS RN: 132-65-0	D2223 100mg  2,8-Dimethyldibenzothiophene CAS RN: 1207-15-4
D2245 1g 5g 25g  2,8-Dibromodibenzothiophene CAS RN: 31574-87-5	D3954 1g 5g  2,6-Dibromobenzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene CAS RN: 909280-97-3	D4057 1g 5g  Dibenzothiophene-4-boronic Acid CAS RN: 108847-20-7	D4153 5g 25g  Dibenzosulfolane CAS RN: 1016-05-3	D5027 200mg 1g  2,8-Dibromodibenzosulfolane CAS RN: 40307-15-1
D5052 200mg 1g  3,7-Dibromodibenzosulfolane CAS RN: 83834-12-2	I0947 1g 5g  4-Iododibenzothiophene CAS RN: 132034-89-0	I0973 200mg 1g  2-Iododibenzothiophene CAS RN: 177586-41-3	M1429 1g 5g  2-Methylthianaphthene CAS RN: 1195-14-8	M1952 1g 5g  3-Methylbenzo[<i>b</i>]thiophene CAS RN: 1455-18-1
M2345 5g 25g  6-Methoxy-2-(4-methoxyphenyl)benzo[<i>b</i>]thiophene CAS RN: 63675-74-1	M2974 1g 5g  5-Methylbenzo[<i>b</i>]thiophene CAS RN: 14315-14-1	P2510 1g 5g  4-Phenyldibenzothiophene CAS RN: 98251-31-1	T3236 1g 5g  4-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)dibenzothiophene CAS RN: 912824-84-1	D5034 200mg 1g  9,9-Diphenyl-9H-9-silafluorene CAS RN: 5550-08-3
<h2>Siloles</h2>				
B4233 200mg  2,5-Bis(2,2'-bipyridin-6-yl)-1,1-dimethyl-3,4-diphenylsilole CAS RN: 350042-00-1	D4308 1g 5g  9,9-Dimethyl-9H-9-silafluorene CAS RN: 13688-68-1	D4310 1g 5g  2,5-Dibromo-1,1,3,4-tetraphenylsilole CAS RN: 200068-36-6	D4631 1g 5g  2,5-Dibromo-1,1-dimethyl-3,4-diphenylsilole CAS RN: 686290-22-2	
D4799 100mg  2,6-Dibromo-4,4-di- <i>n</i> -octyldithieno[3,2- <i>b</i> :2',3'- <i>d</i>]silole CAS RN: 1160106-14-8	S0983 200mg 1g  9,9'-Spiro[9H-9-silafluorene] CAS RN: 159-68-2	<h2>Secondary Arylamines</h2>		
B2429 1g 5g  4,4'-Iminobis(biphenyl) CAS RN: 102113-98-4	B2684 1g 5g  Bis(4-bromophenyl)amine CAS RN: 16292-17-4	B2685 1g 5g  Bis(4-iodophenyl)amine CAS RN: 20255-70-3	B2803 25g 500g  Bis(4- <i>tert</i> -butylphenyl)amine CAS RN: 4627-22-9	B3949 5g 25g  4-Bromodiphenylamine CAS RN: 54446-36-5

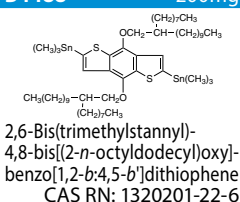
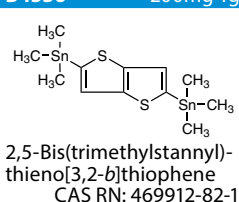
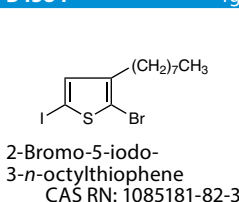
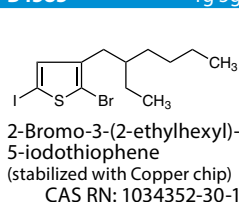
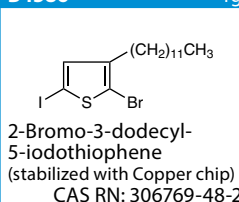
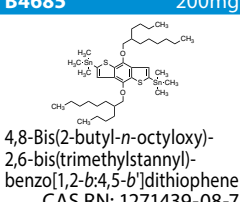
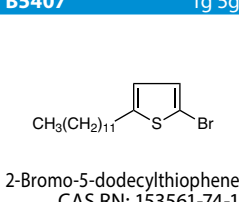
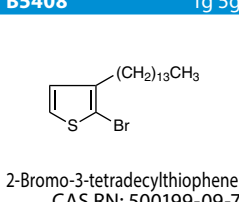
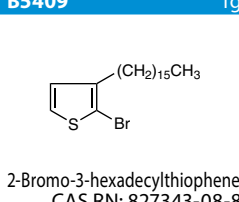
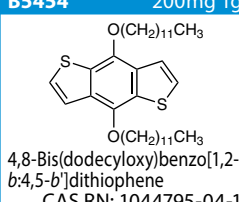
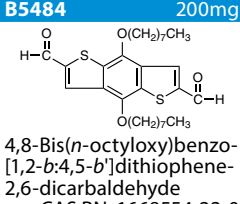
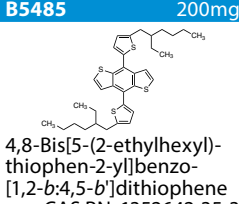
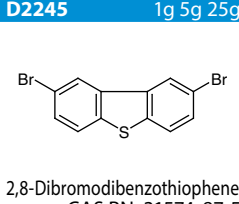
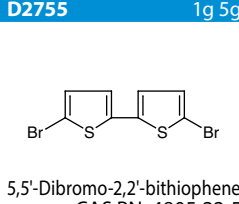
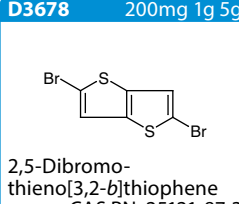
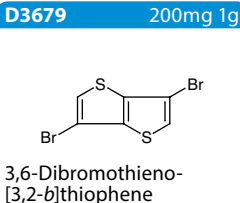
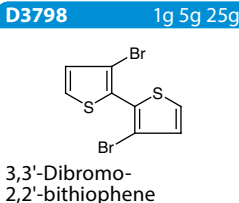
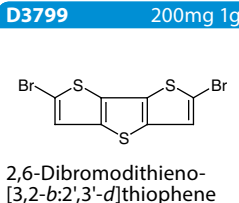
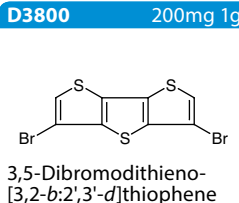
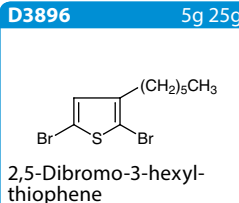
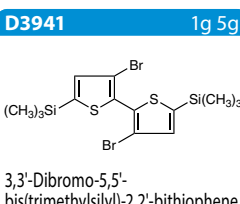
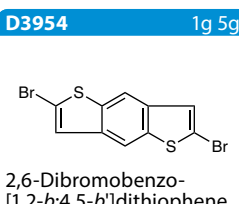
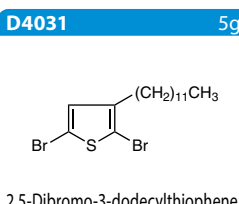
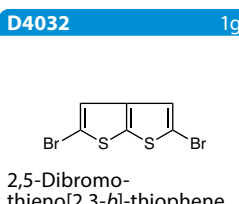
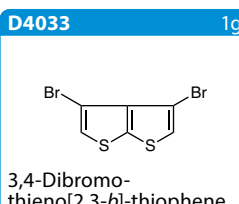
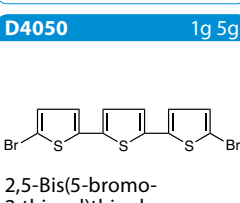
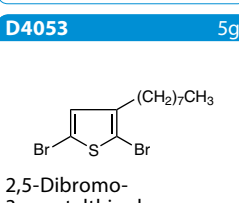
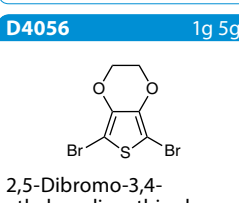
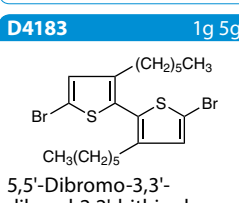
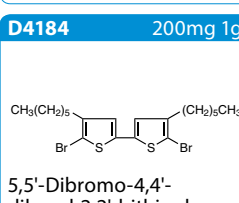
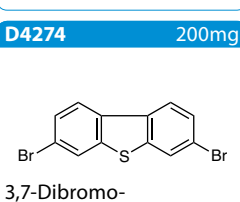
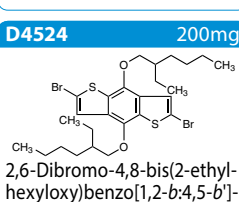
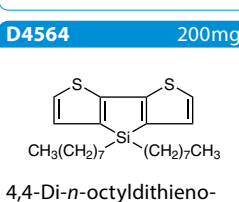
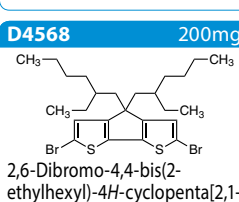
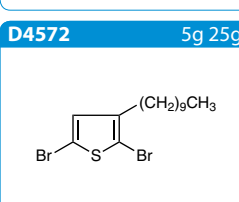
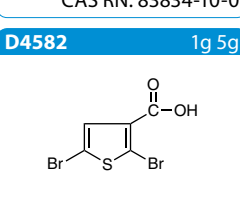
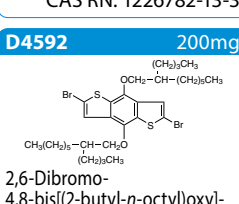
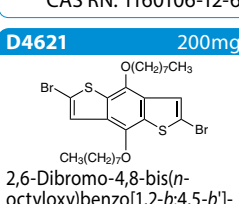
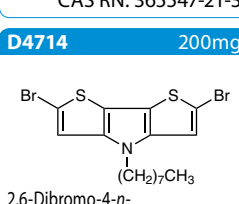
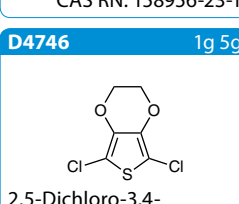
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B5048 200mg 1g  Bis(3-biphenyl)amine CAS RN: 169224-65-1	B5122 1g 5g  2-(2-Biphenyl)amino-9,9-dimethylfluorene CAS RN: 1198395-24-2	B5148 200mg 1g  Di-2,4-xylylamine CAS RN: 19616-28-5	D0609 25g 100g 500g  N,N'-Diphenyl-1,4-phenylenediamine CAS RN: 74-31-7	D0632 1g 5g  Di-p-anisylamine CAS RN: 101-70-2
D0812 25g 500g  N,N'-Di-2-naphthyl-1,4-phenylenediamine CAS RN: 93-46-9	D0872 25g 500g  Diphenylamine CAS RN: 122-39-4	D0878 5g 25g  N,N'-Diphenylbenzidine CAS RN: 531-91-9	D0950 5g 25g  p,p'-Ditolylamine CAS RN: 620-93-9	D1512 5g 25g  m,m'-Ditolylamine CAS RN: 626-13-1
D2986 1g  1,1'-Dinaphthylamine CAS RN: 737-89-3	D2988 1g 5g  1,2'-Dinaphthylamine (purified by sublimation) CAS RN: 4669-06-1	D3398 25g  N-Phenyl-2,4-xylydine CAS RN: 25078-04-0	D3567 1g 5g  N,N'-Di-p-tolylbenzidine CAS RN: 10311-61-2	D3845 25g  N-Phenyl-3,4-xylydine CAS RN: 17802-36-7
D4768 1g 5g  N,N'-Di(1-naphthyl)benzidine (purified by sublimation) CAS RN: 152670-41-2	D5028 200mg 1g 5g  9,10-Dihydro-9,9-dimethylacridine CAS RN: 6267-02-3	F0630 1g 5g  4-Fluorodiphenylamine CAS RN: 330-83-6	M1135 25g 500g  3-Methoxydiphenylamine CAS RN: 101-16-6	M1173 1g 5g  4-Methyldiphenylamine CAS RN: 620-84-8
M1258 25g  3-Methyldiphenylamine CAS RN: 1205-64-7	M1286 25g  4-Methoxy-2-methyldiphenylamine CAS RN: 41317-15-1	M2069 5g 25g  4-Methoxydiphenylamine CAS RN: 1208-86-2	M2070 5g 25g  4-Methoxy-4'-methyldiphenylamine CAS RN: 39253-43-5	M3067 1g 5g  2,4'-Dimethoxydiphenylamine CAS RN: 58751-07-8
N1053 200mg 1g  N-[4-(1-Naphthyl)phenyl]-4-biphenylamine CAS RN: 897921-59-4	P0197 25g 500g  1-Anilinonaphthalene CAS RN: 90-30-2	P0198 25g 500g  2-Anilinonaphthalene CAS RN: 135-88-6	P1494 500mg  1-Anilinoanthracene CAS RN: 98683-00-2	P1495 1g  2-Anilinoanthracene CAS RN: 109871-20-7
P1496 1g 5g  9-Anilinoanthracene CAS RN: 15424-38-1	P1497 500mg  3-Anilinobiphenyl CAS RN: 198275-79-5	P1498 500mg  4-Anilinobiphenyl CAS RN: 32228-99-2	T1326 1g 5g  3-Trifluoromethyl-4'-methoxy-diphenylamine CAS RN: 1494-26-4	T1831 5g 25g  1,3,5-Tris(phenylamino)benzene CAS RN: 102664-66-4

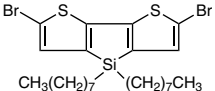
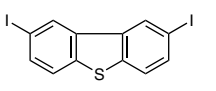
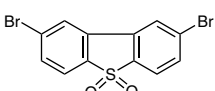
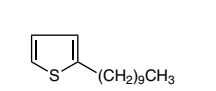
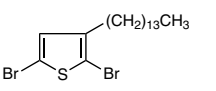
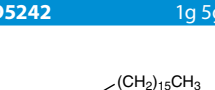
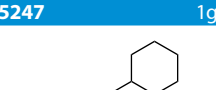
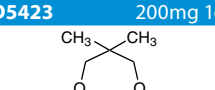

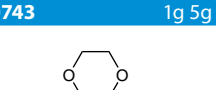
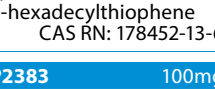
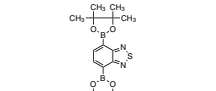
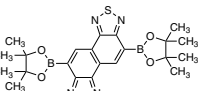
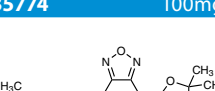
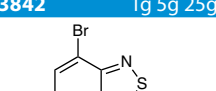
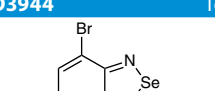
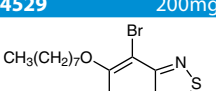
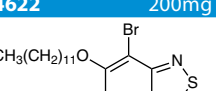
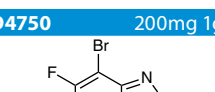
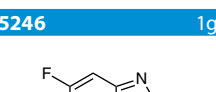
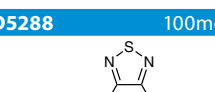
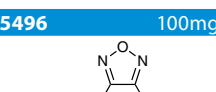
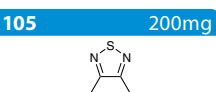
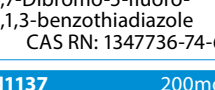
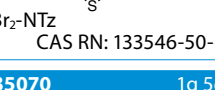
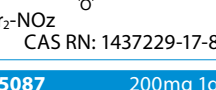
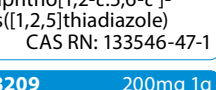
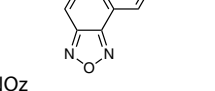
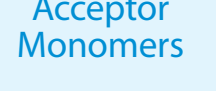
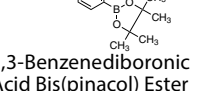
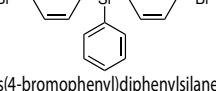
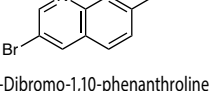
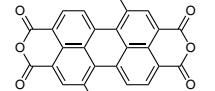
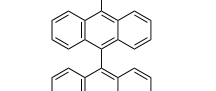
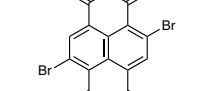
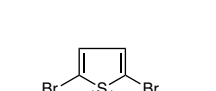
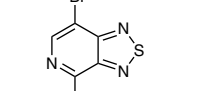
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A2624 200mg  4-Aminotriphenylamine CAS RN: 2350-01-8	A2858 1g 5g  2-Amino- <i>N</i> -((1,1'-biphenyl)-4-yl)- <i>N</i> -(4-bromophenyl)-9,9-dimethylfluorene CAS RN: 1246562-40-2	B1336 1g  <i>N,N'</i> -Bis(4-chlorophenyl)- <i>N,N'</i> -diphenyl-1,4-phenylenediamine CAS RN: 113703-66-5	B2633 5g 25g  4-Bromotriphenylamine CAS RN: 36809-26-4		B2843 1g  Bis(4-formylphenyl)phenylamine (purified by sublimation) CAS RN: 53566-95-3
B2844 250mg 1g  4-Bromo-4'-(diphenylamino)biphenyl CAS RN: 202831-65-0	B3089 1g 5g  4-Bromo- <i>N,N</i> -di- <i>p</i> -tolylaniline CAS RN: 58047-42-0	B3991 200mg  4,4'-Dibromo-4''-formyltriphenylamine CAS RN: 25069-38-9	B4008 5g  2-Bromotriphenylamine CAS RN: 78600-31-4		B4036 1g 5g  3-Bromotriphenylamine CAS RN: 78600-33-6
B4299 200mg 1g  1-[<i>N</i> -(4-Bromophenyl)anilino]-naphthalene CAS RN: 138310-84-6	B4543 200mg  4-[Bis(4-iodophenyl)amino]benzaldehyde CAS RN: 808758-81-8	B4550 5g 25g  <i>N,N'</i> -Bis(4-biphenyl)- <i>N</i> -(4-bromophenyl)amine CAS RN: 499128-71-1	B4660 200mg 1g  4-[Bis(4-bromophenyl)amino]phenylboronic Acid Pinacol Ester CAS RN: 850153-24-1		B4667 1g 5g  4-Bromo-4''-dimethoxytriphenylamine CAS RN: 194416-45-0
B4793 200mg 1g  <i>N,N'</i> -Bis(4-formylphenyl)- <i>N,N'</i> -diphenylbenzidine CAS RN: 137911-28-5	B4905 1g  4-Formyl-4',4''-dimethoxytriphenylamine CAS RN: 89115-20-8	B4906 200mg 1g  4-Bromo-4'-[di(<i>p</i> -tolyl)amino]stilbene CAS RN: 101186-77-0	B4922 200mg 1g  4-[(4-Bromophenyl)(<i>p</i> -tolyl)amino]benzaldehyde CAS RN: 733744-98-4		B5019 1g  3-Bromo- <i>N,N</i> -di- <i>p</i> -tolylaniline CAS RN: 845526-91-2
B5020 1g 5g  4'-Bromotri(4-biphenyl)amine CAS RN: 728039-63-2	B5049 200mg 1g  <i>N</i> -(4'-Bromo-4-biphenyl)- <i>N</i> -phenyl-1-naphthylamine CAS RN: 352359-42-3	B5086 1g 5g  <i>N,N'</i> -Bis(4-biphenyl)aniline CAS RN: 122215-84-3	B5142 200mg 1g  4-Bromo- <i>N,N</i> -bis(9,9-dimethyl-9 <i>H</i> -fluoren-2-yl)aniline CAS RN: 313050-71-4		B5507 1g 5g  <i>N,N'</i> -Bis(4-bromophenyl)-2,4,6-trimethylaniline CAS RN: 663943-27-9
D1910 1g 5g  4,4'-Dibromotriphenylamine CAS RN: 81090-53-1	D2172 5g 25g  <i>p</i> -Formyltriphenylamine CAS RN: 4181-05-9	D2737 1g 5g  4-(Di- <i>p</i> -tolylamino)benzaldehyde CAS RN: 42906-19-4	D3302 1g  4,4'-Dibromo-4''-cyclohexyltriphenylamine CAS RN: 1397196-59-6		D3303 1g  4,4'-Dibromo-4''-phenyltriphenylamine CAS RN: 884530-69-2
D3537 1g 5g  Triphenylamine-4-boric Acid CAS RN: 201802-67-7	D4755 1g 5g  <i>N,N</i> -Di- <i>m</i> -tolylaniline CAS RN: 13511-11-0	D4843 1g 5g  <i>N,N</i> -Diphenyl-2-naphthylamine CAS RN: 6940-30-3	D4886 1g 5g  4-[Di(4-biphenyl)amino]phenylboronic Acid Pinacol Ester CAS RN: 952431-30-0		D5330 1g 5g  4,4'-Dibromo-4''-tert-butyltriphenylamine CAS RN: 852534-22-6

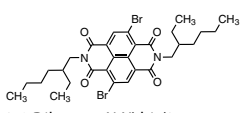
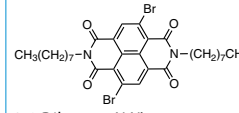
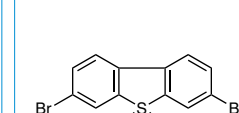
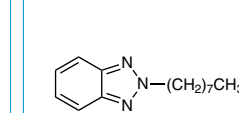
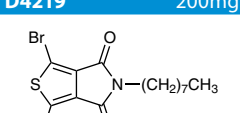
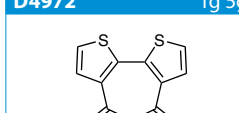
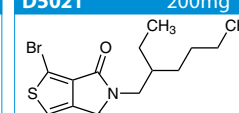
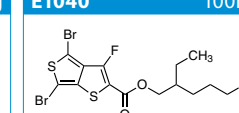
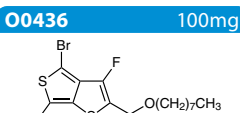
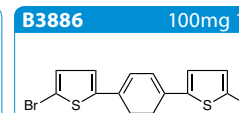
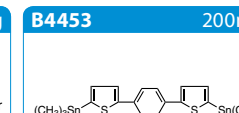
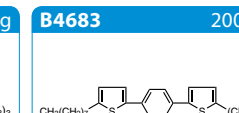


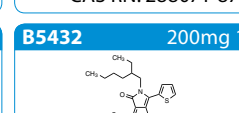
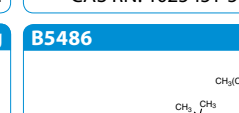
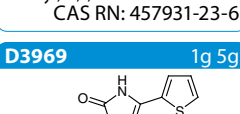
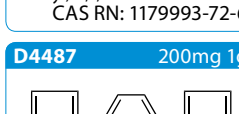






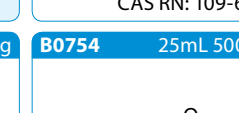
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T1724 5g 25g  Tris(4-iodophenyl)amine CAS RN: 4181-20-8	T2310 500mg  Tris(4-formylphenyl)amine CAS RN: 119001-43-3	T2332 1g 5g  Tris(4-aminophenyl)amine CAS RN: 5981-09-9	T2333 5g 25g  Tris(4-nitrophenyl)amine CAS RN: 20440-93-1	T2891 1g 5g  N,N,N'-Triphenylbenzidine CAS RN: 167218-30-6
T3315 200mg  Tris[4-(5-bromothiophen-2-yl)- phenyl]amine CAS RN: 339985-36-3	T3367 200mg 1g  4-Anilinotriphenylamine CAS RN: 19606-98-5	T3456 1g 5g  N,N,N',N'-Tetrakis(4-nitrophenyl)- 1,4-phenylenediamine CAS RN: 3283-05-4	T3642 1g 5g  3,6-Bis[4-N-bis(4-methoxy- phenyl)amino]-9H-carbazole CAS RN: 1630723-98-6	Others
A2789 1g 5g  3-Aminofluoranthene CAS RN: 2693-46-1	B3955 1g 5g  9-Bromotryptcene CAS RN: 15364-55-3	B4599 1g 5g  3-Bromofluoranthene CAS RN: 13438-50-1	B4633 5g 25g  1,4-Benzenediboronic Acid Bis(pinacol) Ester CAS RN: 99770-93-1	B4818 1g 5g  1-Bromo-3,5-dihexylbenzene CAS RN: 1238156-36-9
B4871 1g 5g  2-(4-Bromophenyl)- imidazo[1,2-a]pyridine CAS RN: 34658-66-7	B5017 1g 5g  2-(4-Bromophenyl)benzoxazole CAS RN: 3164-13-4	B5222 200mg 1g  3-Bromotetraphenylsilane CAS RN: 185626-73-7	B5459 1g 5g  (4-Bromophenyl)- diphenylphosphine Oxide CAS RN: 5525-40-6	B5530 200mg 1g  (3-Bromophenyl)- diphenylphosphine Oxide CAS RN: 10212-04-1
B5532 200mg 1g  Bis(4-bromophenyl)- phenylphosphine Oxide CAS RN: 93869-52-4	C2669 200mg 1g  Cyclopenta[fg]tetracene-1,2-dione CAS RN: 1334510-66-5	C3206 1g 5g  1-Chloro-2,4-bis(hexyloxy)benzene CAS RN: 851228-26-7	D1864 10g 25g  1,4-Dibromo-2,5-difluorobenzene CAS RN: 327-51-5	D3743 5g 25g  Pigment Red 255 CAS RN: 54660-00-3
D3890 1g 5g  Dimesitylfluoroborane CAS RN: 436-59-9	D4236 200mg 1g  6,12-Dibromochrycene CAS RN: 131222-99-6	D4255 200mg  4,5-Diazafluoren-9-one CAS RN: 50890-67-0	D4789 1g 5g  1,3-Dibromo-5-hexylbenzene CAS RN: 75894-97-2	D5028 200mg 1g 5g  9,10-Dihydro-9,9-dimethylacridine CAS RN: 6267-02-3
D5156 200mg 1g  3,8-Dimethylacenaphthenequinone CAS RN: 146885-81-6	D5211 1g 5g  4,4'-Dibromobenzophenone CAS RN: 3988-03-2	D5257 1g 5g  1,3-Dibromo-5-n-octylbenzene CAS RN: 75894-99-4	D5258 1g 5g  1,3-Dibromo- 5-tetradecylbenzene CAS RN: 157761-91-6	D5274 1g 5g  1,3-Dibromo- 5-dodecylbenzene CAS RN: 231606-27-2

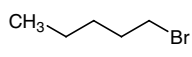
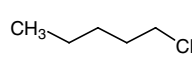
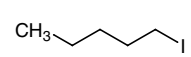
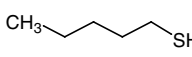
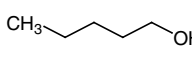
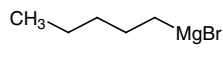
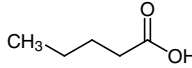
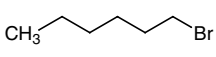
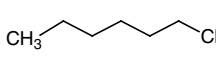
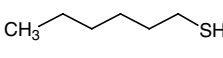
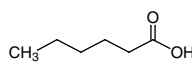
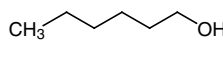
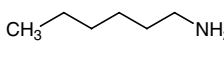
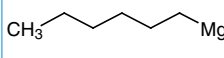
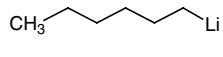
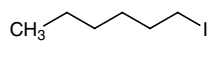
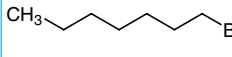
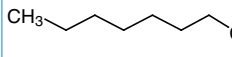
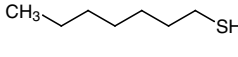
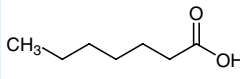
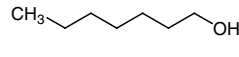
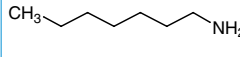
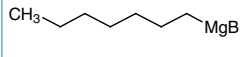
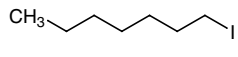
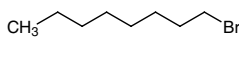
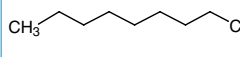
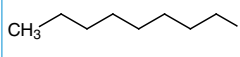
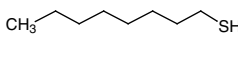
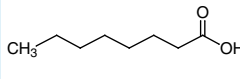
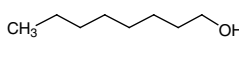
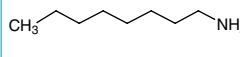
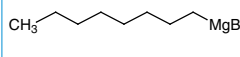
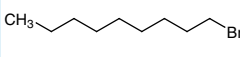
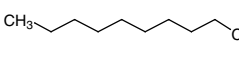
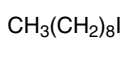
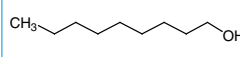
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N0603 10g 25g  Tetracenequinone CAS RN: 1090-13-7	P1676 25g  Pigment Red 254 CAS RN: 84632-65-5	P1685 5g 25g  6,13-Pentacenedione CAS RN: 3029-32-1	T3281 100mg  5-(<i>m</i> -Tolyl)-5H-pyrrolo[3,2- <i>c</i> :4,5- <i>c'</i>]-dipyridine CAS RN: 1014403-09-8	
Polymer / Macromolecule Semiconductor Building Blocks		Donor Monomers		Carbazoles
				A2051 1g 5g  9-Acetyl-3,6-diiodocarbazole CAS RN: 606129-89-9
B2805 100mg  9-Benzylcarbazole-3,6-dicarboxaldehyde CAS RN: 200698-05-1	B4348 1g  9-Benzyl-3,6-dibromocarbazole CAS RN: 118599-27-2	B5462 1g 5g  9-Benzyl-2,7-dibromo-9H-carbazole CAS RN: 1384281-49-5	D2981 1g 5g  3,6-Dibromo-9-phenylcarbazole CAS RN: 57103-20-5	D2982 1g 5g  3,6-Dibromo-9-ethylcarbazole CAS RN: 33255-13-9
D2983 1g 5g 25g  3,6-Dibromocarbazole CAS RN: 6825-20-3	D3932 1g 5g  2,7-Dibromocarbazole CAS RN: 136630-39-2	D3935 200mg  2,7-Dibromo-9- <i>n</i> -octylcarbazole CAS RN: 726169-75-1	D4482 200mg 1g  3,6-Dibromo-9- <i>n</i> -octylcarbazole CAS RN: 79554-93-1	D4490 200mg 1g  2,7-Dibromo-9-(9-heptadecyl)carbazole CAS RN: 955964-73-5
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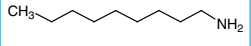
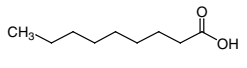
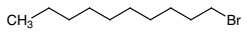
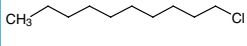
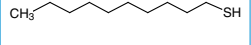
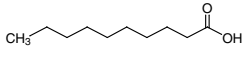
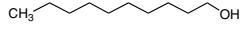
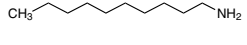
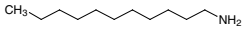
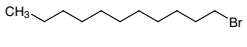
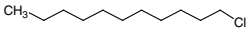
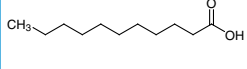
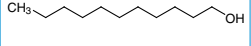
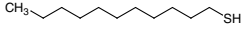
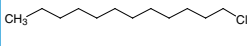
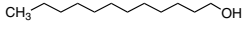
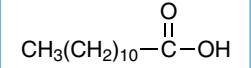
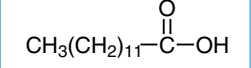
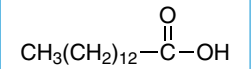
D5404 1g 5g  3,6-Dibromo-9-heptyl-9H-carbazole CAS RN: 1103535-99-4	D5410 1g 5g  3,6-Dibromo-9-hexyl-9H-carbazole CAS RN: 150623-72-6	D5421 200mg 1g  3,6-Dibromo-9-(3,5-dimethylphenyl)-9H-carbazole CAS RN: 1873364-08-9	H1649 1g 5g  9-Hexyl-9H-carbazole-3,6-diboronic Acid Bis(pinacol) Ester CAS RN: 628336-95-8	O0428 200mg 1g  9-(9-Heptadecanyl)-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)carbazole CAS RN: 958261-51-3
O0439 200mg  9-n-Octyl-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)carbazole CAS RN: 406726-92-9	O0497 1g 5g  9-n-Octyl-9H-carbazole-3,6-diboronic Acid Bis(pinacol) Ester CAS RN: 478706-06-8	P2350 200mg 1g  9-Phenyl-3,6-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)carbazole CAS RN: 618442-57-2	P2571 200mg 1g  9-Phenyl-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9H-carbazole CAS RN: 1035631-57-2	<h2>Fluorenes</h2>
B3552 1g 5g  2,7-Dibromo-9,9-bis(6-bromohexyl)fluorene CAS RN: 570414-33-4	B3582 1g  2,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9,9-di-n-octylfluorene CAS RN: 196207-58-6	B4029 1g  2,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9,9-dihexylfluorene CAS RN: 254755-24-3	B4588 1g  2,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9,9-didodecylfluorene CAS RN: 711026-06-1	B4624 1g  2,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-9,9-didodecylfluorene CAS RN: 749900-93-4
B4892 200mg 1g  9,9-Bis(2-ethylhexyl)-2,7-bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)fluorene CAS RN: 357219-41-1	B5157 1g 5g  9,9-Dimethylfluorene-2,7-diboronic Acid Bis(pinacol) Ester CAS RN: 325129-69-9	B5656 1g  (9,9'-Spiro[9H-fluorene]-2,7-diyl)bis(boronic Acid Pinacol Ester) CAS RN: 728911-52-2	D3556 5g 25g 100g  2,7-Dibromofluorene CAS RN: 16433-88-8	D3557 5g 25g  2,7-Dibromo-9-fluorenone CAS RN: 14348-75-5
D3781 1g  2,7-Dibromo-9,9'-spirobi[9H-fluorene] CAS RN: 171408-84-7	D3859 5g 25g  2,7-Dibromo-9,9-dimethylfluorene CAS RN: 28320-32-3	D3933 5g 25g  2,7-Dibromo-9,9-dihexylfluorene CAS RN: 189367-54-2	D3934 5g 25g  2,7-Dibromo-9,9-di-n-octylfluorene CAS RN: 198964-46-4	D4504 1g 5g  2,7-Diiodofluorene CAS RN: 16218-28-3
D4550 200mg 1g  2,7-Dibromo-9,9-bis[3-(dimethylamino)propyl]fluorene CAS RN: 673474-73-2	D4561 5g 25g  2,7-Dibromo-9,9-didodecylfluorene CAS RN: 175922-78-8	D4569 1g 5g  2,7-Dibromo-9,9-dipropylfluorene CAS RN: 157771-56-7	D4671 1g  9,9-Di-n-octylfluorene-2,7-dicarboxaldehyde CAS RN: 380600-91-9	D4719 200mg 1g  2,7-Diamino-9,9-di-n-octylfluorene CAS RN: 851042-10-9
D5053 200mg  2,7-Dibromo-9,9-difluorofluorene CAS RN: 1229603-71-7	D5448 5g 25g  2,7-Dibromo-9-phenyl-9H-fluorene-9-ol CAS RN: 132717-37-4	S0953 1g 5g  Spiro[fluorene-9,9'-xanthene]-3',6'-diol CAS RN: 4081-00-9	<h2>Thiophenes</h2>	
B3865 1g 5g  2-Bromo-3-hexyl-5-iodothiophene (stabilized with Copper chip) CAS RN: 160096-76-4	B4102 1g 5g  4,4-Bis(2-ethylhexyl)-4H-cyclopenta[2,1-b:3,4-b']dithiophene CAS RN: 365547-20-2	B4378 200mg  4,8-Bis(n-octyloxy)-2,6-bis(trimethylstannyl)-benzo[1,2-b:4,5-b']dithiophene CAS RN: 1098102-95-4	B4395 200mg 1g 5g  4,8-Bis(2-ethylhexyloxy)-benzo[1,2-b:4,5-b']dithiophene CAS RN: 1160823-77-7	B4437 200mg  4,8-Bis[5-(2-ethylhexyl)thiophen-2-yl]-2,6-bis(trimethylstannyl)-benzo[1,2-b:4,5-b']dithiophene CAS RN: 1352642-37-5

B4488 200mg  2,6-Bis(trimethylstannyl)-4,8-bis[(2- <i>n</i> -octyldodecyl)oxy]benzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene CAS RN: 1320201-22-6	B4536 200mg 1g  2,5-Bis(trimethylstannyl)-thieno[3,2- <i>b</i>]thiophene CAS RN: 469912-82-1	B4584 1g  2-Bromo-5-iodo-3- <i>n</i> -octylthiophene CAS RN: 1085181-82-3	B4585 1g 5g  2-Bromo-3-(2-ethylhexyl)-5-iodothiophene (stabilized with Copper chip) CAS RN: 1034352-30-1	B4586 1g  2-Bromo-3-dodecyl-5-iodothiophene (stabilized with Copper chip) CAS RN: 306769-48-2
B4685 200mg  4,8-Bis(2-butyl- <i>n</i> -octyloxy)-2,6-bis(trimethylstannyl)benzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene CAS RN: 1271439-08-7	B5407 1g 5g  2-Bromo-5-dodecylthiophene CAS RN: 153561-74-1	B5408 1g 5g  2-Bromo-3-tetradecylthiophene CAS RN: 500199-09-7	B5409 1g  2-Bromo-3-hexadecylthiophene CAS RN: 827343-08-8	B5454 200mg 1g  4,8-Bis(dodecyloxy)benzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene CAS RN: 1044795-04-1
B5484 200mg  4,8-Bis(<i>n</i> -octyloxy)benzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene-2,6-dicarbaldehyde CAS RN: 1668554-22-0	B5485 200mg  4,8-Bis[5-(2-ethylhexyl)thiophen-2-yl]benzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene CAS RN: 1352642-35-3	D2245 1g 5g 25g  2,8-Dibromodibenzothiophene CAS RN: 31574-87-5	D2755 1g 5g  5,5'-Dibromo-2,2'-bithiophene CAS RN: 4805-22-5	D3678 200mg 1g 5g  2,5-Dibromo-thieno[3,2- <i>b</i>]thiophene CAS RN: 25121-87-3
D3679 200mg 1g  3,6-Dibromothieno[3,2- <i>b</i>]thiophene CAS RN: 392662-65-6	D3798 1g 5g 25g  3,3'-Dibromo-2,2'-bithiophene CAS RN: 51751-44-1	D3799 200mg 1g  2,6-Dibromodithieno[3,2- <i>b</i> :2',3'- <i>d</i>]thiophene CAS RN: 67061-69-2	D3800 200mg 1g  3,5-Dibromodithieno[3,2- <i>b</i> :2',3'- <i>d</i>]thiophene CAS RN: 502764-54-7	D3896 5g 25g  2,5-Dibromo-3-hexylthiophene CAS RN: 116971-11-0
D3941 1g 5g  3,3'-Dibromo-5,5'-bis(trimethylsilyl)-2,2'-bithiophene CAS RN: 207742-50-5	D3954 1g 5g  2,6-Dibromobenzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene CAS RN: 909280-97-3	D4031 5g  2,5-Dibromo-3-dodecylthiophene CAS RN: 148256-63-7	D4032 1g  2,5-Dibromo-thieno[2,3- <i>b</i>]thiophene CAS RN: 25121-86-2	D4033 1g  3,4-Dibromo-thieno[2,3- <i>b</i>]thiophene CAS RN: 53255-78-0
D4050 1g 5g  2,5-Bis(5-bromo-2-thienyl)thiophene CAS RN: 98057-08-0	D4053 5g  2,5-Dibromo-3- <i>n</i> -octylthiophene CAS RN: 149703-84-4	D4056 1g 5g  2,5-Dibromo-3,4-ethylenedioxythiophene CAS RN: 174508-31-7	D4183 1g 5g  5,5'-Dibromo-3,3'-dihexyl-2,2'-bithiophene CAS RN: 170702-05-3	D4184 200mg 1g  5,5'-Dibromo-4,4'-dihexyl-2,2'-bithiophene CAS RN: 214493-03-5
D4274 200mg  3,7-Dibromodibenzo[<i>b</i> , <i>d</i>]thiophene CAS RN: 83834-10-0	D4524 200mg  2,6-Dibromo-4,8-bis(2-ethylhexyloxy)benzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene CAS RN: 1226782-13-3	D4564 200mg  4,4-Di- <i>n</i> -octyldithieno[3,2- <i>b</i> :2,3- <i>d</i>]silole CAS RN: 1160106-12-6	D4568 200mg  2,6-Dibromo-4,4-bis(2-ethylhexyl)-4 <i>H</i> -cyclopenta[2,1- <i>b</i> :3,4- <i>b'</i>]dithiophene CAS RN: 365547-21-3	D4572 5g 25g  2,5-Dibromo-3-decylthiophene CAS RN: 158956-23-1
D4582 1g 5g  2,5-Dibromo-3-thenoic Acid CAS RN: 7311-70-8	D4592 200mg  2,6-Dibromo-4,8-bis[(2-butyl- <i>n</i> -octyl)oxy]benzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene CAS RN: 1336893-15-2	D4621 200mg  2,6-Dibromo-4,8-bis(<i>n</i> -octyloxy)benzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene CAS RN: 1294515-75-5	D4714 200mg  2,6-Dibromo-4- <i>n</i> -octyldithieno[3,2- <i>b</i> :2',3'- <i>d</i>]pyrrole CAS RN: 1346688-54-7	D4746 1g 5g  2,5-Dichloro-3,4-ethylenedioxythiophene CAS RN: 225518-49-0

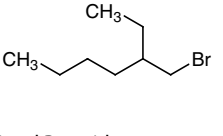
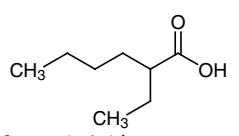
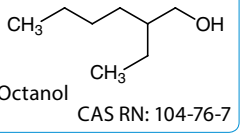
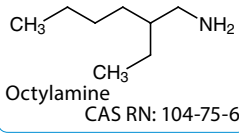
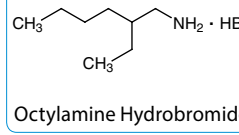
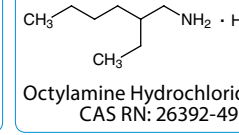
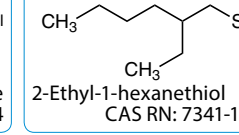
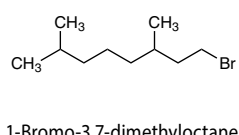
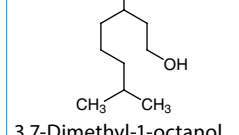
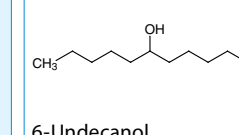
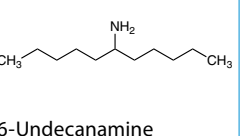
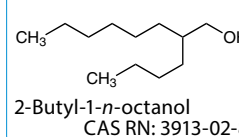
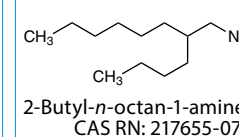
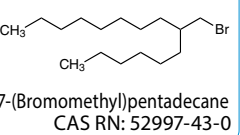
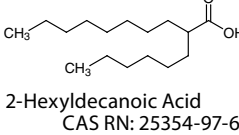
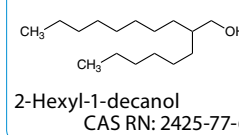

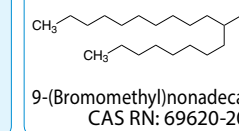
D4799 100mg  2,6-Dibromo-4,4-di- <i>n</i> -octyl-dithieno[3,2- <i>b</i> :2',3'- <i>d</i>]silole CAS RN: 1160106-14-8	D4870 200mg 1g  2,8-Diiododibenzothiophene CAS RN: 105404-91-9	D5027 200mg 1g  2,8-Dibromodibenzosulfolane CAS RN: 40307-15-1	D5240 1mL 5mL  2-Decylthiophene CAS RN: 24769-39-9	D5241 1g 5g  2,5-Dibromo-3-tetradecylthiophene CAS RN: 160096-74-2	
D5242 1g 5g  2,5-Dibromo-3-hexadecylthiophene CAS RN: 178452-13-6	D5247 1g  2,5-Dibromo-3-cyclohexylthiophene CAS RN: 302912-44-3	D5423 200mg 1g  3,4-(2,2'-Dimethyl-propylenedioxy)thiophene CAS RN: 255901-50-9	E0741 5g 25g  EDOT CAS RN: 126213-50-1	E0743 1g 5g  3,4-Ethylenedioxythiophene-2,5-dicarboxylic Acid CAS RN: 18361-03-0	
P2383 100mg  Phenanthro[1,2- <i>b</i> :8,7- <i>b'</i>]-dithiophene CAS RN: 1491133-64-2	Acceptors		Benzo-thiadiazoles & Analogs		
B3573 1g 5g  4,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2,1,3-benzothiadiazole CAS RN: 934365-16-9	B5470 100mg  Naphtho[1,2- <i>c</i> :5,6- <i>c'</i>]bis([1,2,5]-thiadiazole)-5,10-diboronic Acid Bis(pinacol) Ester CAS RN: 1467776-41-5				
B5774 100mg  Bpin ₂ -NOz	D3842 1g 5g 25g  4,7-Dibromo-2,1,3-benzothiadiazole CAS RN: 15155-41-6	D3944 1g  4,7-Dibromo-2,1,3-benzoselenadiazole CAS RN: 63224-42-0	D4529 200mg  4,7-Dibromo-5,6-di- <i>n</i> -octyloxy-2,1,3-benzothiadiazole CAS RN: 1192352-08-1	D4622 200mg  4,7-Dibromo-5,6-bis(dodecyloxy)-2,1,3-benzothiadiazole CAS RN: 1313876-00-4	
D4750 200mg 1g  4,7-Dibromo-5-fluoro-2,1,3-benzothiadiazole CAS RN: 1347736-74-6	D5246 1g  5,6-Difluoro-2,1,3-benzothiadiazole CAS RN: 1293389-28-2	D5288 100mg  Br ₂ -NTz CAS RN: 133546-50-6	D5496 100mg  Br ₂ -NOz CAS RN: 1437229-17-8	N1105 200mg  Naphtho[1,2- <i>c</i> :5,6- <i>c'</i>]bis([1,2,5]-thiadiazole) CAS RN: 133546-47-1	
N1137 200mg  NOz CAS RN: 1394221-73-8	Other Acceptor Monomers		B5070 1g 5g  1,3-Benzenediboronic Acid Bis(pinacol) Ester CAS RN: 196212-27-8	B5087 200mg 1g  Bis(4-bromophenyl)diphenylsilane CAS RN: 18733-91-0	D3209 200mg 1g  3,8-Dibromo-1,10-phenanthroline CAS RN: 100125-12-0
D3871 1g 5g  1,7-Dibromo-3,4,9,10-perylene-tetracarboxylic Dianhydride CAS RN: 118129-60-5	D4254 1g 5g  10,10'-Dibromo-9,9'-bianthracene CAS RN: 121848-75-7	D4339 1g 5g  2,6-Dibromonaphthalene-1,4,5,8-tetracarboxylic Dianhydride CAS RN: 83204-68-6	D4376 1g  2,5-Dibromothiophene 1,1-Dioxide CAS RN: 89088-95-9	D4442 200mg 1g  4,7-Dibromo[1,2,5]-thiadiazolo[3,4- <i>c</i>]pyridine CAS RN: 333432-27-2	
D4461 200mg  5,8-Dibromo-2,3-diphenylquinoxaline CAS RN: 94544-77-1	D4514 200mg  4,7-Dibromo-2-(6-bromohexyl)-benzotriazole CAS RN: 890704-02-6	D4558 200mg  5,5'-Dibromo-4,4'-dinonyl-2,2'-bithiazole CAS RN: 172100-44-6	D4653 200mg  5,8-Dibromo-2,3-bis(4-methoxyphenyl)quinoxaline CAS RN: 162967-90-0	D4724 200mg 1g  3,6-Dibromophthalic Anhydride CAS RN: 25834-16-6	

D4945 1g 5g  2,6-Dibromo- <i>N,N'</i> -bis(2-ethylhexyl)-1,8:4,5-naphthalenetetracarboxydiimide CAS RN: 1088205-02-0	D4946 1g 5g  2,6-Dibromo- <i>N,N'</i> -di- <i>n</i> -octyl-1,8:4,5-naphthalenetetracarboxydiimide CAS RN: 926643-78-9	D5052 200mg 1g  3,7-Dibromodibenzosulfone CAS RN: 83834-12-2	O0430 200mg 1g  2- <i>n</i> -Octylbenzotriazole CAS RN: 112642-69-0	<h2>Thiophenes</h2>
D4219 200mg  2,5-Dibromo- <i>N-n</i> -octyl-3,4-thiophenedicarboximide CAS RN: 566939-58-0	D4972 1g 5g  Dithieno[3,2- <i>c</i> :2',3'- <i>e</i>]-oxepine-4,6-dione CAS RN: 1043023-52-4	D5021 200mg 1g  2,5-Dibromo- <i>N</i> -(2-ethylhexyl)-3,4-thiophenedicarboximide CAS RN: 1231160-83-0	E1040 100mg  2-Ethylhexyl 4,6-Dibromo-3-fluorothiopheno[3,4- <i>b</i>]-thiophene-2-carboxylate CAS RN: 1237479-38-7	
O0436 100mg  <i>n</i> -Octyl 4,6-Dibromo-3-fluorothiopheno[3,4- <i>b</i>]thiophene-2-carboxylate CAS RN: 1160823-76-6	<h2>Donor-Acceptor (DA) Type Monomers</h2>	B3886 100mg 1g  4,7-Bis(5-bromo-2-thienyl)-2,1,3-benzothiadiazole CAS RN: 288071-87-4	B4453 200mg  4,7-Bis(5-trimethylstannyl-2-thienyl)-2,1,3-benzothiadiazole CAS RN: 1025451-57-3	B4683 200mg  4,7-Bis(5- <i>n</i> -octyl-2-thienyl)-2,1,3-benzothiadiazole CAS RN: 1171974-28-9
B4684 200mg  4,7-Bis(5-bromo-4- <i>n</i> -octyl-2-thienyl)-2,1,3-benzothiadiazole CAS RN: 457931-23-6		B4719 200mg  4,7-Bis(5-bromo-4-dodecyl-2-thienyl)-2,1,3-benzothiadiazole CAS RN: 1179993-72-6	B5432 200mg 1g  2,5-Bis(2-ethylhexyl)-3,6-di(2-thienyl)-2,5-dihydropyrrolo[3,4- <i>c</i>]-pyrrole-1,4-dione CAS RN: 1185885-86-2	B5486 200mg  2,5-Bis(2-octyl-dodecyl)-3,6-bis[5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)thiophen-2-yl]pyrrolo[3,4- <i>c</i>]pyrrole-1,4(2 <i>H</i> ,5 <i>H</i>)dione CAS RN: 1351986-34-9
D3969 1g 5g  3,6-Di(2-thienyl)-2,5-dihydropyrrolo[3,4- <i>c</i>]pyrrole-1,4-dione CAS RN: 850583-75-4	D4487 200mg 1g  4,7-Di(2-thienyl)-2,1,3-benzothiadiazole CAS RN: 165190-76-1	<h2>Solubility Enhancing Reagents</h2>		
<h2>Linear Alkyl Sources</h2>				
		B0685 25mL 500mL  1-Butanethiol CAS RN: 109-79-5	B0704 25mL 500mL  1-Butanol CAS RN: 71-36-3	B0707 25mL 500mL  Butylamine CAS RN: 109-73-9
B5209 250g  Butylmagnesium Bromide (ca. 25% in Tetrahydrofuran, ca. 1.7mol/L) CAS RN: 693-03-8	C0142 25mL 500mL  1-Chlorobutane CAS RN: 109-69-3	I0055 25g 500g  1-Iodobutane (stabilized with Copper chip) CAS RN: 542-69-8	<h2>C5 Alkyl Groups</h2>	
<h2>C5 Alkyl Groups</h2>		A0445 25mL 100mL 500mL  Amylamine CAS RN: 110-58-7		

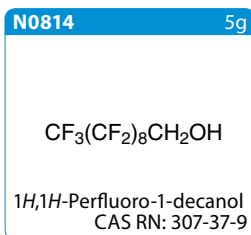
B0628 25mL 500mL  1-Bromopentane CAS RN: 110-53-2	C0237 25mL 500mL  1-Chloropentane CAS RN: 543-59-9	I0066 25mL 250mL  1-Iodopentane (stabilized with Copper chip) CAS RN: 628-17-1	P0053 25mL 500mL  1-Pentanethiol CAS RN: 110-66-7	P0055 25mL 500mL  1-Pentanol CAS RN: 71-41-0
P1177 250g  Pentylmagnesium Bromide (18% in Tetrahydrofuran, ca. 1mol/L) CAS RN: 693-25-4	V0003 25mL 500mL  Valeric Acid CAS RN: 109-52-4	C6 Alkyl Groups	B0600 25g 500g  1-Bromohexane CAS RN: 111-25-1	C0184 25mL 500mL  1-Chlorohexane CAS RN: 544-10-5
H0103 25mL 500mL  Hexyl Mercaptan CAS RN: 111-31-9	H0105 25mL 500mL  Hexanoic Acid CAS RN: 142-62-1	H0130 25mL 500mL  1-Hexanol CAS RN: 111-27-3	H0134 25mL 100mL 500mL  Hexylamine CAS RN: 111-26-2	H0821 250g  Hexylmagnesium Bromide (20% in Tetrahydrofuran, ca. 1mol/L) CAS RN: 3761-92-0
H0842 100mL  Hexyllithium (30% in Hexane, ca. 2.3mol/L) CAS RN: 21369-64-2	I0059 25g 100g  1-Iodohexane (stabilized with Copper chip) CAS RN: 638-45-9	C7 Alkyl Groups	B0598 25g 500g  1-Bromoheptane CAS RN: 629-04-9	C0182 25mL 500mL  1-Chloroheptane CAS RN: 629-06-1
H0029 10g 25g  1-Heptanethiol CAS RN: 1639-09-4	H0030 25mL 500mL  Heptanoic Acid CAS RN: 111-14-8	H0033 25mL 500mL  1-Heptanol CAS RN: 111-70-6	H0045 25mL 500mL  Heptylamine CAS RN: 111-68-2	H0822 250g  Heptylmagnesium Bromide (21% in Tetrahydrofuran, ca. 1mol/L) CAS RN: 13125-66-1
I0320 25g 500g  1-Iodoheptane (stabilized with Copper chip) CAS RN: 4282-40-0	C8 Alkyl Groups	B0626 25mL 500mL  1-Bromooctane CAS RN: 111-83-1	C0236 25mL 500mL  1-Chlorooctane CAS RN: 111-85-3	I0321 25g 100g 500g  1-Iodooctane (stabilized with Copper chip) CAS RN: 629-27-6
O0025 25mL 500mL  1-Octanethiol CAS RN: 111-88-6	O0027 25mL 500mL  n-Octanoic Acid CAS RN: 124-07-2	O0036 25mL 500mL  1-Octanol CAS RN: 111-87-5	O0045 25mL 500mL  n-Octylamine CAS RN: 111-86-4	O0240 250g  n-Octylmagnesium Bromide (ca. 22% in Tetrahydrofuran, ca. 1mol/L) CAS RN: 17049-49-9
C9 Alkyl Groups	B0933 25mL 100mL 500mL  1-Bromononane CAS RN: 693-58-3	C0233 25mL 500mL  1-Chlorononane CAS RN: 2473-01-0	I0493 25g  1-Iodononane (stabilized with Copper chip) CAS RN: 4282-42-2	N0292 25mL 500mL  1-Nonanol CAS RN: 143-08-8

N0297 5mL 25mL  Nonylamine CAS RN: 112-20-9	P0952 25mL 100mL 500mL  Nonanoic Acid CAS RN: 112-05-0	C10 Alkyl Groups	B0583 25mL 500mL  1-Bromodecane CAS RN: 112-29-8	C0600 25mL 500mL  1-Chlorodecane CAS RN: 1002-69-3
D0016 25mL 100mL 500mL  1-Decanethiol CAS RN: 143-10-2	D0017 25g 400g  Decanoic Acid CAS RN: 334-48-5	D0031 25mL 500mL  1-Decanol CAS RN: 112-30-1	D0033 25mL 100mL 500mL  1-Aminodecane CAS RN: 2016-57-1	I0494 25g 250g $\text{CH}_3(\text{CH}_2)_9\text{I}$ 1-Iododecane (stabilized with Copper chip) CAS RN: 2050-77-3
C11 Alkyl Groups	A0761 10mL  Undecylamine CAS RN: 7307-55-3	B0934 25mL 500mL  1-Bromoundecane CAS RN: 693-67-4	C0599 25g  1-Chloroundecane CAS RN: 2473-03-2	U0004 25g 250g  Undecanoic Acid CAS RN: 112-37-8
U0005 25mL 100mL 500mL  1-Undecanol CAS RN: 112-42-5	U0066 5mL  1-Undecanethiol CAS RN: 5332-52-5	C12 Alkyl Groups	B0587 25mL 500mL $\text{CH}_3(\text{CH}_2)_{11}\text{Br}$ 1-Bromododecane CAS RN: 143-15-7	C0163 25mL 500mL  1-Chlorododecane CAS RN: 112-52-7
D0970 25mL 500mL $\text{CH}_3(\text{CH}_2)_{11}\text{SH}$ 1-Dodecanethiol CAS RN: 112-55-0	D0978 25g 400g  1-Dodecanol CAS RN: 112-53-8	D0980 25g 400g $\text{CH}_3(\text{CH}_2)_{11}\text{NH}_2$ Dodecylamine CAS RN: 124-22-1	D1452 25g 100g 500g $\text{CH}_3(\text{CH}_2)_{11}\text{NH}_2 \cdot \text{HCl}$ Dodecylamine Hydrochloride CAS RN: 929-73-7	I0511 25g $\text{CH}_3(\text{CH}_2)_{11}\text{I}$ 1-Iodododecane (stabilized with Copper chip) CAS RN: 4292-19-7
L0011 25g 500g  Lauric Acid CAS RN: 143-07-7	C13 Alkyl Groups	A0762 10g 25g $\text{CH}_3(\text{CH}_2)_{12}\text{NH}_2$ 1-Aminotridecane CAS RN: 2869-34-3	B0935 5mL 25mL $\text{CH}_3(\text{CH}_2)_{12}\text{Br}$ 1-Bromotridecane CAS RN: 765-09-3	C2213 5g 25g $\text{CH}_3(\text{CH}_2)_{12}\text{Cl}$ 1-Chlorotridecane CAS RN: 822-13-9
T0412 25g 500g  Tridecanoic Acid CAS RN: 638-53-9	T0803 25g $\text{CH}_3(\text{CH}_2)_{12}\text{OH}$ 1-Tridecanol CAS RN: 112-70-9	C14 Alkyl Groups	B0233 25mL 500mL $\text{CH}_3(\text{CH}_2)_{13}\text{Br}$ 1-Bromotetradecane CAS RN: 112-71-0	C0622 25mL 500mL $\text{CH}_3(\text{CH}_2)_{13}\text{Cl}$ 1-Chlorotetradecane CAS RN: 2425-54-9
M0476 25g 500g  Myristic Acid CAS RN: 544-63-8	T0082 25mL $\text{CH}_3(\text{CH}_2)_{13}\text{SH}$ 1-Tetradecanethiol CAS RN: 2079-95-0	T0084 25mL 500mL $\text{CH}_3(\text{CH}_2)_{13}\text{OH}$ 1-Tetradecanol CAS RN: 112-72-1	T0090 25g 400g $\text{CH}_3(\text{CH}_2)_{13}\text{NH}_2$ Tetradecylamine CAS RN: 2016-42-4	C15 Alkyl Groups

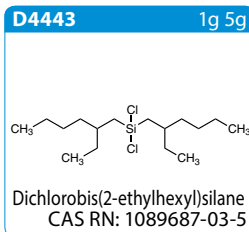
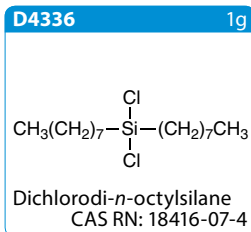
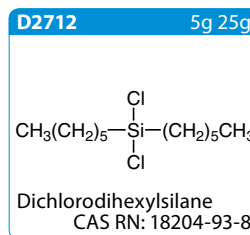
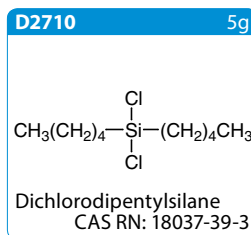
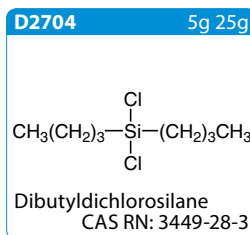
A0763 5g 10g $\text{CH}_3(\text{CH}_2)_{14}\text{NH}_2$ 1-Aminopentadecane CAS RN: 2570-26-5	B0936 25mL 250mL $\text{CH}_3(\text{CH}_2)_{14}\text{Br}$ 1-Bromopentadecane CAS RN: 629-72-1	P0035 25g 100g 500g $\text{CH}_3(\text{CH}_2)_{13}-\text{C}(=\text{O})-\text{OH}$ Pentadecanoic Acid CAS RN: 1002-84-2	P0036 25g 100g 500g $\text{CH}_3(\text{CH}_2)_{14}\text{OH}$ 1-Pentadecanol CAS RN: 629-76-5	P0836 10mL $\text{CH}_3(\text{CH}_2)_{14}\text{SH}$ 1-Pentadecanethiol CAS RN: 25276-70-4	
P1251 250g $\text{CH}_3(\text{CH}_2)_{14}\text{MgBr}$ Pentadecylmagnesium Bromide (ca. 15% in Tetrahydrofuran, ca. 0.4mol/L) CAS RN: 78887-70-4	C16 Alkyl Groups		B0599 25g 100g 500g $\text{CH}_3(\text{CH}_2)_{15}\text{Br}$ Cetyl Bromide CAS RN: 112-82-3	C0183 25mL 500mL $\text{CH}_3(\text{CH}_2)_{15}\text{Cl}$ 1-Chlorohexadecane CAS RN: 4860-03-1	
H0071 25g 500g $\text{CH}_3(\text{CH}_2)_{15}\text{OH}$ Cetanol CAS RN: 36653-82-4	H0074 25g 500g $\text{CH}_3(\text{CH}_2)_{15}\text{NH}_2$ Cetylamine CAS RN: 143-27-1	I0408 25g $\text{CH}_3(\text{CH}_2)_{15}\text{I}$ 1-Iodohexadecane CAS RN: 544-77-4	P0002 25g 500g $\text{CH}_3(\text{CH}_2)_{14}-\text{C}(=\text{O})-\text{OH}$ Palmitic Acid CAS RN: 57-10-3	H0068 25mL 500mL $\text{CH}_3(\text{CH}_2)_{15}\text{SH}$ 1-Cetanethiol CAS RN: 2917-26-2	
C17 Alkyl Groups		A0764 10g $\text{CH}_3(\text{CH}_2)_{16}\text{NH}_2$ Heptadecylamine CAS RN: 4200-95-7	B0937 5g 25g $\text{CH}_3(\text{CH}_2)_{16}\text{Br}$ Heptadecyl Bromide CAS RN: 3508-00-7	H0018 5g 25g $\text{CH}_3(\text{CH}_2)_{16}\text{OH}$ 1-Heptadecanol CAS RN: 1454-85-9	
C18 Alkyl Groups		B0625 25g 500g $\text{CH}_3(\text{CH}_2)_{17}\text{Br}$ Stearyl Bromide CAS RN: 112-89-0	C0235 25mL 500mL $\text{CH}_3(\text{CH}_2)_{17}\text{Cl}$ 1-Chlorooctadecane CAS RN: 3386-33-2	I0065 25g 100g 500g $\text{CH}_3(\text{CH}_2)_{17}\text{I}$ 1-Iodooctadecane CAS RN: 629-93-6	
O0006 25g 500g $\text{CH}_3(\text{CH}_2)_{17}\text{OH}$ Stearyl Alcohol CAS RN: 112-92-5	O0014 25g 500g $\text{CH}_3(\text{CH}_2)_{17}\text{NH}_2$ Stearylamine CAS RN: 124-30-1	O0099 25g $\text{CH}_3(\text{CH}_2)_{17}\text{NH}_2 \cdot \text{HCl}$ Stearylamine Hydrochloride CAS RN: 1838-08-0	S0163 25g 500g $\text{CH}_3(\text{CH}_2)_{16}-\text{C}(=\text{O})-\text{OH}$ Stearic Acid CAS RN: 57-11-4	≥C19 Alkyl Groups	
B0391 25g $\text{CH}_3(\text{CH}_2)_{19}\text{Br}$ 1-Bromoeicosane CAS RN: 4276-49-7	B0392 25g 250g $\text{CH}_3(\text{CH}_2)_{21}\text{Br}$ 1-Bromodocosane CAS RN: 6938-66-5	B1747 5g $\text{CH}_3(\text{CH}_2)_{20}-\text{C}(=\text{O})-\text{OH}$ Behenic Acid CAS RN: 112-85-6	C0829 1g 10g $\text{CH}_3(\text{CH}_2)_{24}-\text{C}(=\text{O})-\text{OH}$ Cerotic Acid CAS RN: 506-46-7	D0963 25g 500g $\text{CH}_3(\text{CH}_2)_{20}-\text{C}(=\text{O})-\text{OH}$ Behenic Acid CAS RN: 112-85-6	
D0964 25g 500g $\text{CH}_3(\text{CH}_2)_{21}\text{OH}$ 1-Docosanol CAS RN: 661-19-8	D3905 5g $\text{CH}_3(\text{CH}_2)_{21}\text{SH}$ 1-Docosanethiol CAS RN: 7773-83-3	E0004 25g 500g $\text{CH}_3(\text{CH}_2)_{19}\text{OH}$ 1-Eicosanol CAS RN: 629-96-9	E0006 1g 25g $\text{CH}_3(\text{CH}_2)_{18}-\text{C}(=\text{O})-\text{OH}$ Arachidic Acid CAS RN: 506-30-9	E0832 5g $\text{CH}_3(\text{CH}_2)_{19}\text{SH}$ 1-Eicosanethiol CAS RN: 13373-97-2	

H0010 1g 10g $\text{CH}_3(\text{CH}_2)_{19}-\text{C}(=\text{O})-\text{OH}$ Heneicosanoic Acid CAS RN: 2363-71-5	H0011 10g $\text{CH}_3(\text{CH}_2)_{20}\text{OH}$ 1-Heneicosanol CAS RN: 15594-90-8	H0342 100mg 1g $\text{CH}_3(\text{CH}_2)_{25}\text{OH}$ 1-Hexacosanol CAS RN: 506-52-5	H0971 100mg 1g 5g $\text{CH}_3(\text{CH}_2)_{25}-\text{C}(=\text{O})-\text{OH}$ Heptacosanoic Acid CAS RN: 7138-40-1	M0595 100mg 1g $\text{CH}_3(\text{CH}_2)_{28}-\text{C}(=\text{O})-\text{OH}$ Melissic Acid CAS RN: 506-50-3		
M1342 100mg $\text{CH}_3(\text{CH}_2)_{26}-\text{C}(=\text{O})-\text{OH}$ Octacosanoic Acid CAS RN: 506-48-9	N0662 1g 5g $\text{CH}_3(\text{CH}_2)_{27}-\text{C}(=\text{O})-\text{OH}$ Nonacosanoic Acid CAS RN: 4250-38-8	O0199 100mg 1g $\text{CH}_3(\text{CH}_2)_{27}\text{OH}$ 1-Octacosanol CAS RN: 557-61-9	P0882 1g 5g $\text{CH}_3(\text{CH}_2)_{23}-\text{C}(=\text{O})-\text{OH}$ Pentacosanoic Acid CAS RN: 506-38-7	T0402 1g 10g $\text{CH}_3(\text{CH}_2)_{21}-\text{C}(=\text{O})-\text{OH}$ Tricosanoic Acid CAS RN: 2433-96-7		
T0403 100mg $\text{CH}_3(\text{CH}_2)_{22}\text{OH}$ 1-Tricosanol CAS RN: 3133-01-5	Branched Alkyl Sources		C8 Alkyl Groups			
			B0596 25mL 100mL 500mL  Octyl Bromide CAS RN: 18908-66-2	E0120 25mL 500mL  Octanoic Acid CAS RN: 149-57-5		
E0122 25mL 500mL  Octanol CAS RN: 104-76-7	E0126 25mL 100mL 500mL  Octylamine CAS RN: 104-75-6	E0127 25g  Octylamine Hydrobromide	E0128 25g  Octylamine Hydrochloride CAS RN: 26392-49-4	E1031 25g 100g  2-Ethyl-1-hexanethiol CAS RN: 7341-17-5		
C10 Alkyl Groups		B4401 5g 25g  1-Bromo-3,7-dimethyloctane CAS RN: 3383-83-3	D1442 25mL 500mL  3,7-Dimethyl-1-octanol CAS RN: 106-21-8	C11 Alkyl Groups		
				U0040 5g  6-Undecanol CAS RN: 23708-56-7		
U0094 1mL 5mL  6-Undecanamine CAS RN: 33788-00-0	C12 Alkyl Groups		B3457 25mL 100mL 500mL  2-Butyl-1-n-octanol CAS RN: 3913-02-8	B5550 1mL 5mL  2-Butyl-n-octan-1-amine CAS RN: 217655-07-7	C16 Alkyl Groups	
B4544 5mL 25mL  7-(Bromomethyl)pentadecane CAS RN: 52997-43-0	H0507 25mL 100mL 500mL  2-Hexyldecanoic Acid CAS RN: 25354-97-6	H1461 25mL 100mL 500mL  2-Hexyl-1-decanol CAS RN: 2425-77-6	H1634 1mL 5mL  2-Hexyldecan-1-amine CAS RN: 62281-05-4	C17 Alkyl Groups		
B1456 1g $\text{CH}_3(\text{CH}_2)_{13}-\text{CH}(\text{CH}_3)-\text{CH}_2\text{Br}$ 1-Bromo-2-methylhexadecane CAS RN: 81367-59-1	H1401 1g $\text{CH}_3(\text{CH}_2)_7-\text{CH}(\text{OH})-(\text{CH}_2)_7\text{CH}_3$ 9-Heptadecanol CAS RN: 624-08-8	H1640 1mL 5mL $\text{CH}_3(\text{CH}_2)_7-\text{CH}(\text{NH}_2)-(\text{CH}_2)_7\text{CH}_3$ Heptadecan-9-amine CAS RN: 3241-20-1	C20 Alkyl Groups			
				B5188 5mL 25mL  9-(Bromomethyl)nonadecane CAS RN: 69620-20-8		

O0429 25mL 500mL  2- <i>n</i> -Octyl-1-dodecanol CAS RN: 5333-42-6	O0435 1g  2- <i>n</i> -Octyl-1-dodecylamine CAS RN: 62281-06-5	\geq C23 Alkyl Groups	D5322 25g 250g  2-Dodecylhexadecan-1-ol CAS RN: 72388-18-2	H0837 1g  2-Hexadecyloctadecanoic Acid CAS RN: 89547-15-9
Fluorinated Alkyl Sources	C4 Alkyl Groups	H0548 5g 25g $\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{OH}$ 1 <i>H</i> ,1 <i>H</i> -Heptafluoro-1-butanol CAS RN: 375-01-9	H1300 1g 5g $\text{CF}_3\text{CF}_2\text{CF}_2\text{CH}_2\text{NH}_2$ 1 <i>H</i> ,1 <i>H</i> -Heptafluorobutylamine CAS RN: 374-99-2	C5 Alkyl Groups
N0810 1g 5g 25g $\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{OH}$ (Perfluorobutyl)methanol CAS RN: 355-28-2	O0114 25g 100g 500g $\text{CHF}_2(\text{CF}_2)_3\text{CH}_2\text{OH}$ 2,2,3,3,4,4,5,5-Octafluoro-1-pentanol CAS RN: 355-80-6	U0081 5g 25g $\text{CF}_3(\text{CF}_2)_4\text{I}$ Undecafluoropentyl Iodide (stabilized with Copper chip) CAS RN: 638-79-9	C6 Alkyl Groups	N0600 5g 25g $\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{CH}_2\text{OH}$ 2-(Perfluorobutyl)ethanol CAS RN: 2043-47-2
P1155 5g 25g $\text{CF}_3(\text{CF}_2)_3\text{CH}_2\text{CH}_2\text{I}$ 2-(Nonafluorobutyl)ethyl Iodide CAS RN: 2043-55-2	T1098 5g 25g $\text{CF}_3(\text{CF}_2)_5\text{I}$ Tridecafluorohexyl Iodide CAS RN: 355-43-1	T2479 5g 25g $\text{CF}_3(\text{CF}_2)_5\text{Br}$ Tridecafluorohexyl Bromide CAS RN: 335-56-8	U0074 5g $\text{CF}_3(\text{CF}_2)_4\text{CH}_2\text{OH}$ 1 <i>H</i> ,1 <i>H</i> -Undecafluoro-1-hexanol CAS RN: 423-46-1	U0083 1g 5g $\text{CF}_3(\text{CF}_2)_4\text{CH}_2\text{NH}_2$ 1 <i>H</i> ,1 <i>H</i> -Perfluorohexylamine CAS RN: 355-34-0
C7 Alkyl Groups	N1040 5g 25g 100g $\text{CF}_3(\text{CF}_2)_3(\text{CH}_2)_3\text{OH}$ 3-(Perfluorobutyl)propanol CAS RN: 83310-97-8	P1753 5g $\text{CF}_3(\text{CF}_2)_6\text{Br}$ Perfluoroheptyl Bromide CAS RN: 375-88-2	P1839 5g 25g $\text{CF}_3(\text{CF}_2)_6\text{I}$ Pentadecafluoroheptyl Iodide (stabilized with $\text{Na}_2\text{S}_2\text{O}_3$) CAS RN: 335-58-0	T1701 5g 25g $\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{OH}$ 1 <i>H</i> ,1 <i>H</i> -Perfluoro-1-heptanol CAS RN: 375-82-6
T2482 1g 5g $\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{I}$ 1 <i>H</i> ,1 <i>H</i> -Perfluoroheptyl Iodide CAS RN: 212563-43-4	C8 Alkyl Groups	H0946 5g 25g $\text{CF}_3(\text{CF}_2)_7\text{Br}$ Perfluoro- <i>n</i> -octyl Bromide CAS RN: 423-55-2	P0904 5g 25g $\text{CF}_3(\text{CF}_2)_6\text{CH}_2\text{OH}$ 1 <i>H</i> ,1 <i>H</i> -Perfluoro-1-octanol CAS RN: 307-30-2	P1084 25g $\text{CF}_3(\text{CF}_2)_7\text{I}$ Perfluoro- <i>n</i> -octyl Iodide CAS RN: 507-63-1
T2074 5g 25g $\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_2\text{I}$ 1 <i>H</i> ,1 <i>H</i> ,2 <i>H</i> ,2 <i>H</i> -Perfluoro- <i>n</i> -octyl Iodide CAS RN: 2043-57-4	T2528 5g 25g $\text{CF}_3(\text{CF}_2)_5\text{CH}_2\text{CH}_2\text{OH}$ 2-(Perfluorohexyl)ethanol CAS RN: 647-42-7	C9 Alkyl Groups	H1232 5g $\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{OH}$ 1 <i>H</i> ,1 <i>H</i> -Perfluoro-1-nonanol CAS RN: 423-56-3	N0808 5g $\text{CF}_3(\text{CF}_2)_8\text{Br}$ 1-Bromoperfluorononane CAS RN: 558-96-3
T3258 5g 25g $\text{CF}_3(\text{CF}_2)_5(\text{CH}_2)_3\text{OH}$ 3-(Perfluorohexyl)propanol CAS RN: 80806-68-4	C10 Alkyl Groups	H0844 5g 25g $\text{CF}_3(\text{CF}_2)_9\text{I}$ Perfluorodecyl Iodide CAS RN: 423-62-1	H0845 25g $\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}_2\text{OH}$ 2-(Perfluoro- <i>n</i> -octyl)ethanol CAS RN: 678-39-7	H1084 5g 25g $\text{CF}_3(\text{CF}_2)_7\text{CH}_2\text{CH}_2\text{I}$ 1 <i>H</i> ,1 <i>H</i> ,2 <i>H</i> ,2 <i>H</i> -Perfluorodecyl Iodide CAS RN: 2043-53-0



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