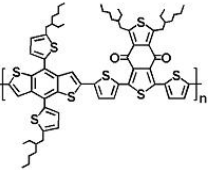
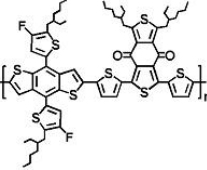
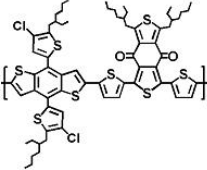
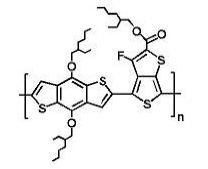
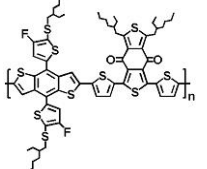
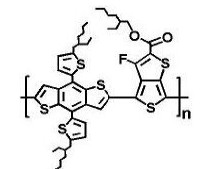
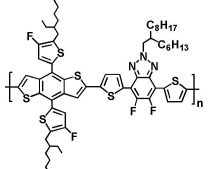
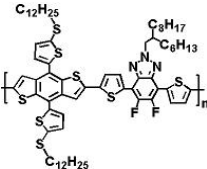
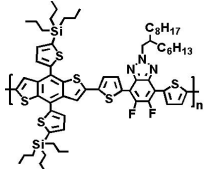
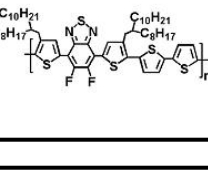
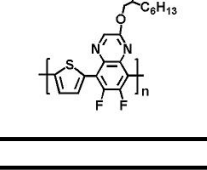
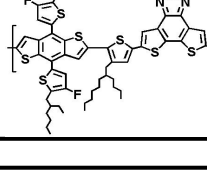
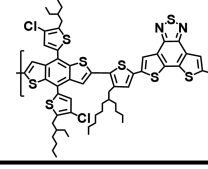
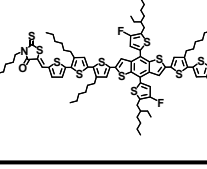
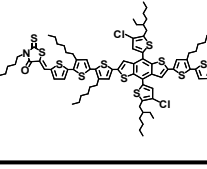
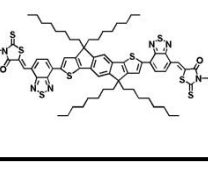
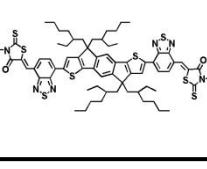
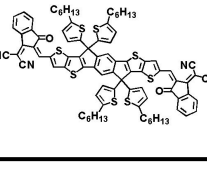
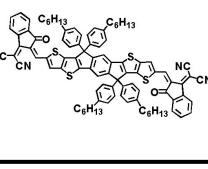
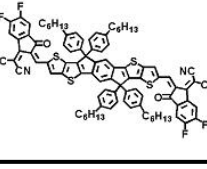
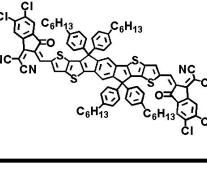
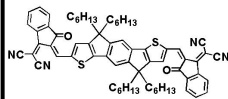
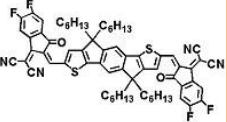
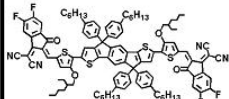
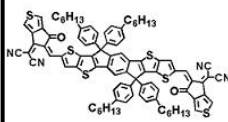
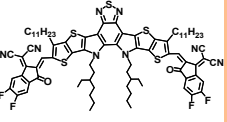
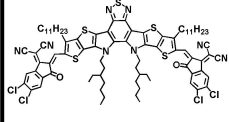
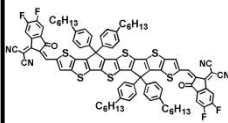
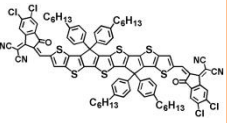
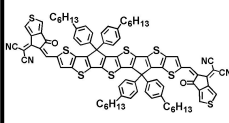
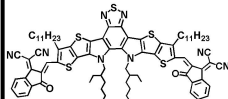
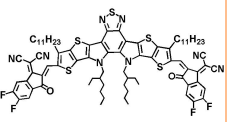
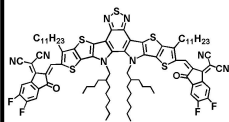
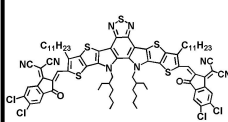
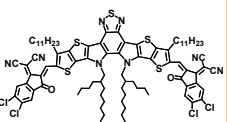
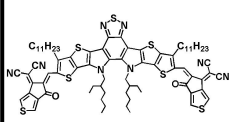
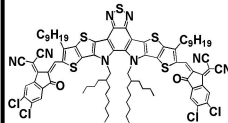
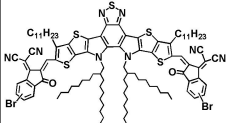
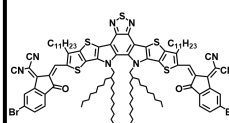
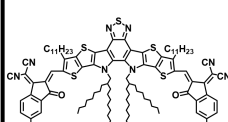
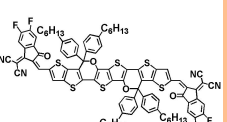
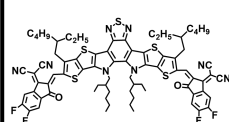
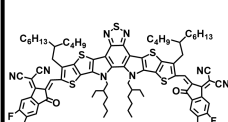
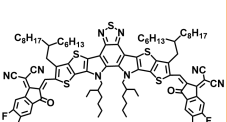
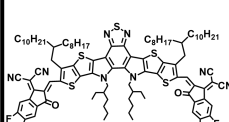


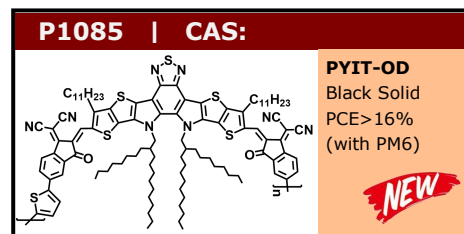
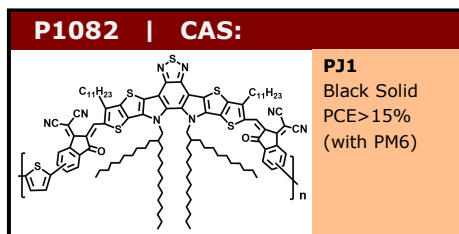
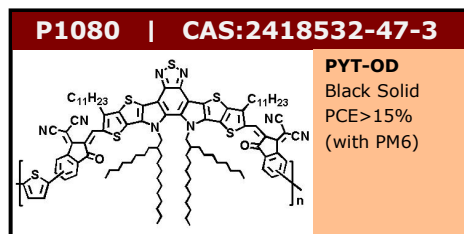
OPV Donor Materials

P2299 CAS:1415929-80-4  PBDB-T Black Solid PCE>10.5% (with ITIC)	P2303 CAS:1802013-83-7  PBDB-T-F; PM6 Black Solid PCE>16.5% (with Y6)	P2307 CAS:2239295-71-5  PBDB-T-Cl; PM7 Black Solid PCE>12% (with IT-4F)
P2200 CAS:1266549-31-8  PTB7 Black Solid	P2311 CAS:2370878-93-4  PBDB-T-SF Black Solid PCE>12% (with IT-4F)	P2399 CAS:1469791-66-9  PTB7-Th Black Solid PCE>9% (with PC71BM)
P2322 CAS:2236055-55-1  J52-2F (PFBZ) Black Solid PCE>10% (with ITIC) PCE>8% (with N2200)	P2408 CAS:1887136-00-6  J61 Black Solid PCE>9% (with ITIC)	P2412 CAS:2035466-89-6  J71 Black Solid PCE>10.5% (with ITIC)
P1140 CAS:1644164-62-4  PffBT4T-2OD Red-Black Solid	P1022 CAS:2269476-13-1  PTQ10 Black Solid PCE>11% (with IDIC)	P2333 CAS:2433725-52-9  D18 Black Solid PCE>17%
P2344 CAS:2433725-53-0  D18-Cl PCE>17%	S6155 CAS:  BTR-F Red-Black Solid	S6166 CAS:2410661-17-3  BTR-Cl Red-Black Solid

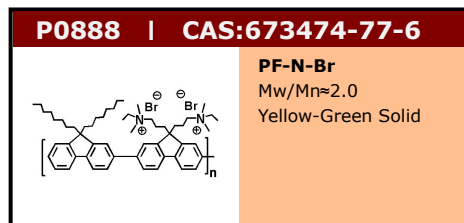
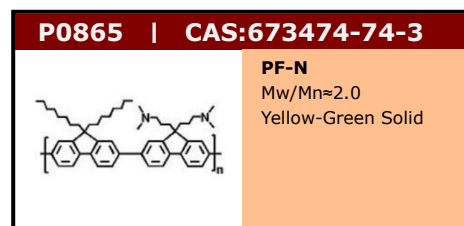
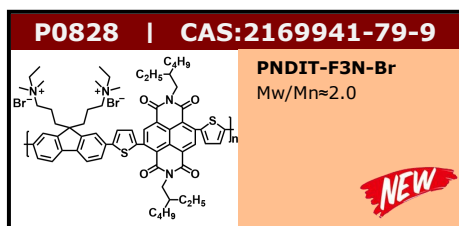
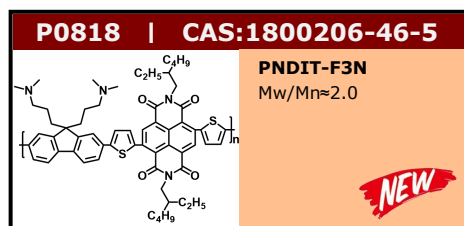
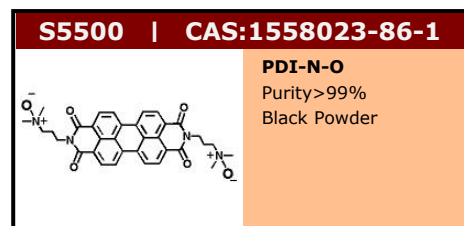
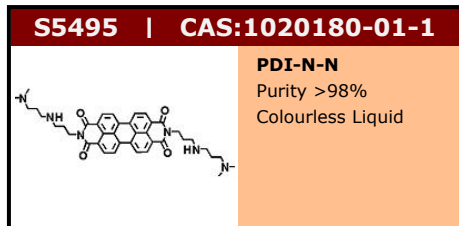
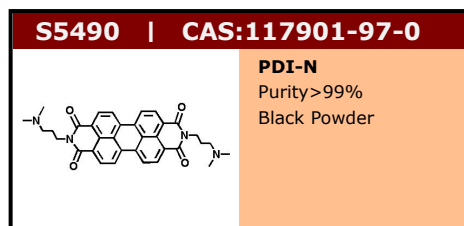
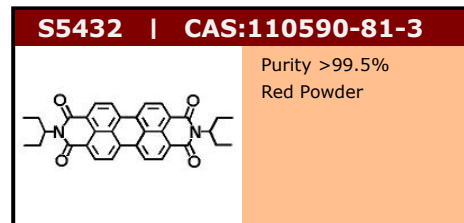
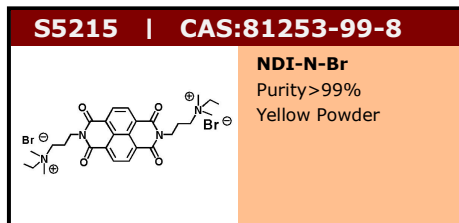
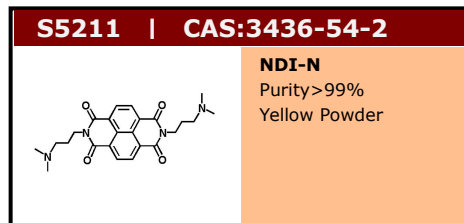
OPV Acceptor Materials

S6622 CAS:2077945-91-4  O-IDTBR Purity>99% Blue-Black Solid	S6624 CAS:2102510-60-9  EH-IDTBR Purity>99% Blue-Black Solid	S6677 CAS:1889344-13-1  ITIC-TH Purity>99% Blue-Black Solid
S6655 CAS:1664293-06-4  ITIC Purity>99% Blue-Black Solid	S6666 CAS:2097998-59-7  ITIC-4F Purity>99% Blue-Black Solid	S6669 CAS:2253663-81-7  ITIC-4Cl Purity>99% Blue-Black Solid

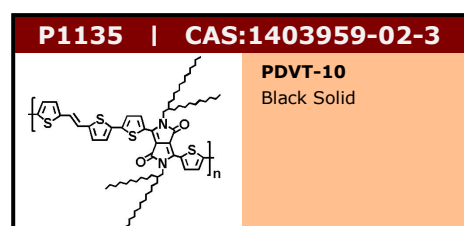
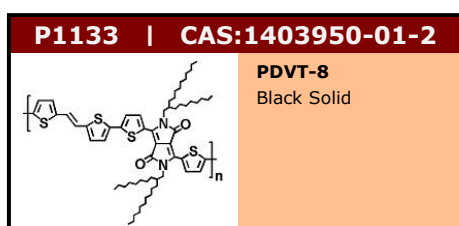
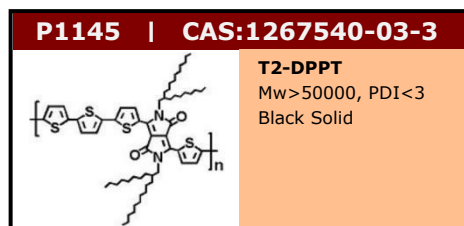
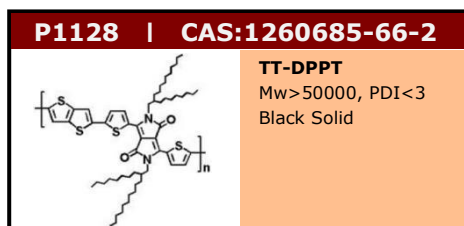
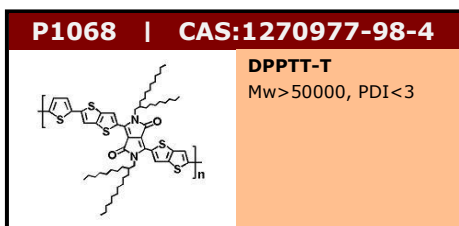
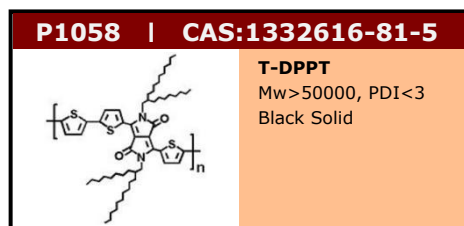
S6638 CAS:1883441-92-6  IDIC Purity>99% Blue-Black Solid	S6640 CAS:2229934-71-6  IDIC-4F Purity>99% Blue-Black Solid	S6648 CAS:2089044-02-8  IEICO-4F Purity>99% Blue-Black Solid
S6688 CAS:2099010-84-9  ITTC Purity>99% Blue-Black Solid	S6756 CAS:2640657-07-2  N3-4F Purity>99% Blue-Black Solid	S6767 CAS:  N3-4Cl Purity>99% Blue-Black Solid
S6695 CAS:2234274-64-5  F8IC Purity>99% Blue-Black Solid	S6697 CAS:2364382-27-2  C8IC Purity>99% Blue-Black Solid	S6699 CAS:2364382-30-7  T8IC Purity>99% Blue-Black Solid
S6744 CAS:2304444-48-0  Y5 Purity>99% Blue-Black Solid	S6755 CAS:2304444-49-1  Y6 (Y6-EH-4F) Purity>99% Blue-Black Solid	S6757 CAS:2389125-23-7  Y6-BO-4F Purity>99% Blue-Black Solid
S6766 CAS:2447642-40-0  Y6-EH-4Cl Purity>99% Blue-Black Solid	S6768 CAS:2447642-41-1  Y6-BO-4Cl Purity>99% Blue-Black Solid	S6777 CAS:2410422-75-0  Y8 Purity>99% Blue-Black Solid
S6733 CAS:2598965-39-8  BTP-eC9 Purity>99% Blue-Black Solid	S6772 CAS:2418532-43-9  Y6-OD-2Br Purity>99% Blue-Black Solid	S6773 CAS:2747095-28-7  Y6-OD-2Br Purity>99% Blue-Black Solid NEW
S6774 CAS:2747095-27-6  Y6-OD-2Br Purity>99% Blue-Black Solid NEW	S6722 CAS:2184266-44-0  COi8DFIC Purity>99% Blue-Black Solid	S6752 CAS:  L8-EH Purity >99%
S6753 CAS:2668341-40-8  L8-BO Purity >99%	S6754 CAS:2668341-41-9  L8-HD Purity >99%	S6758 CAS:2668341-42-0  L8-OD Purity >99%

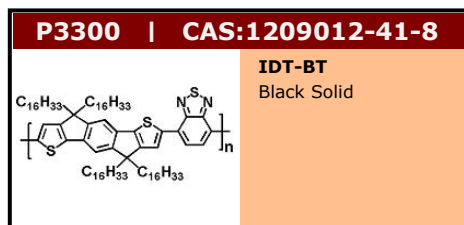
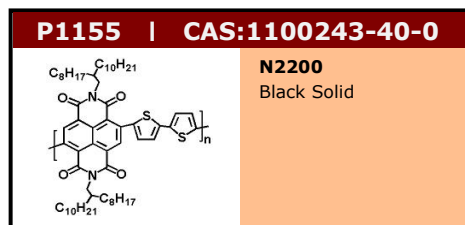


OPV Interface Materials

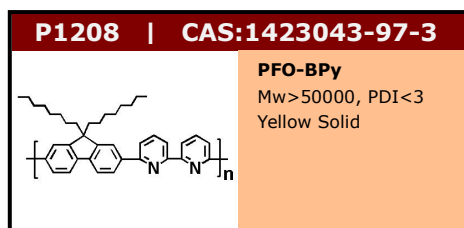
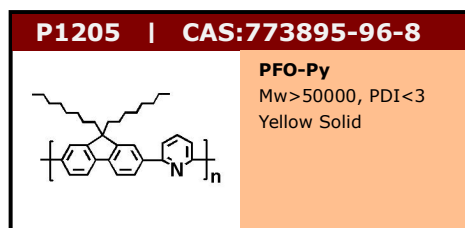
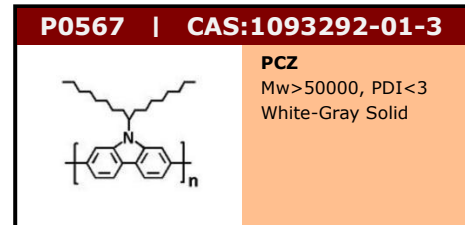
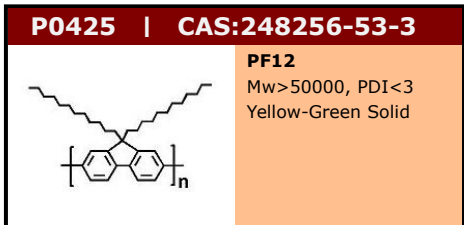
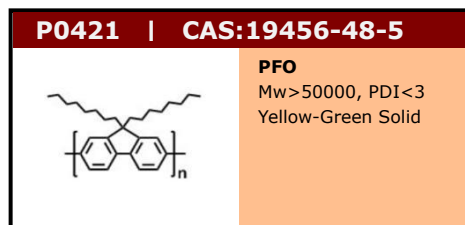


OFET/OTE/OES Materials

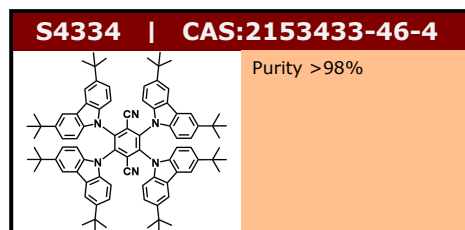
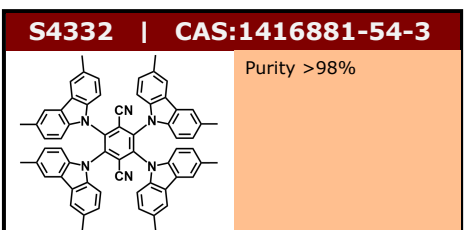
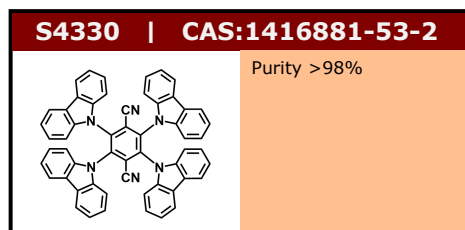
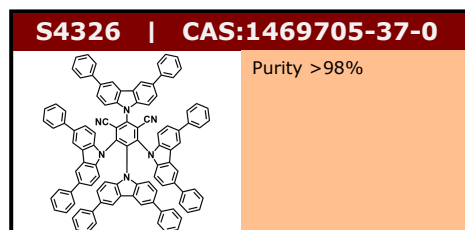
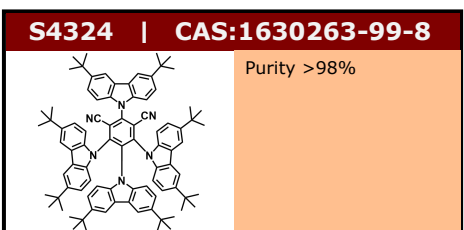
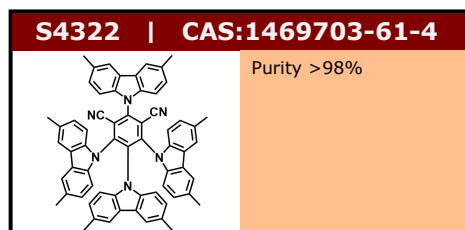
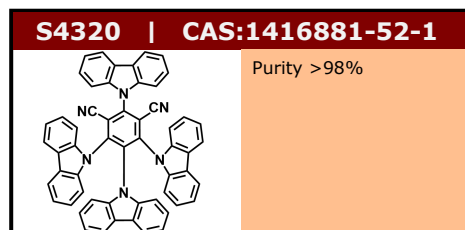
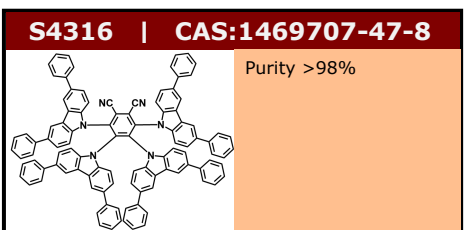
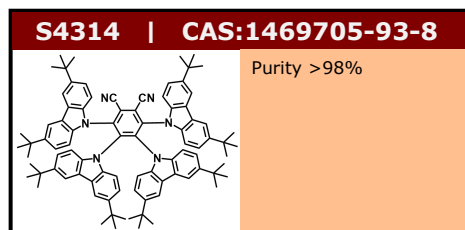
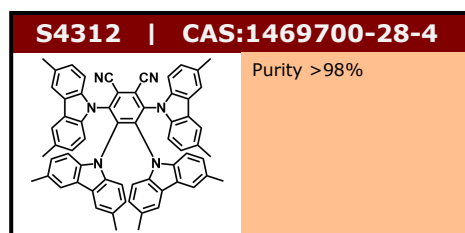
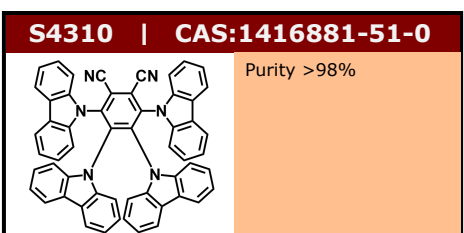
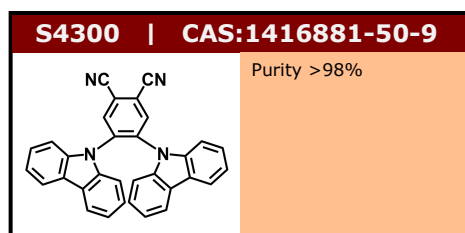


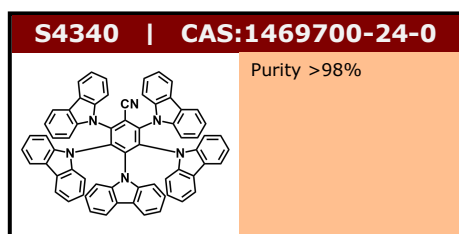
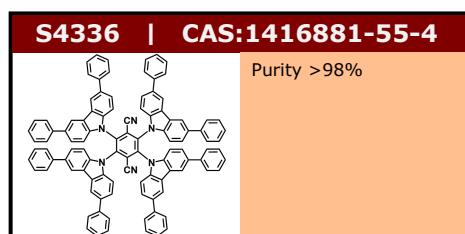


CNT Separation Polymer

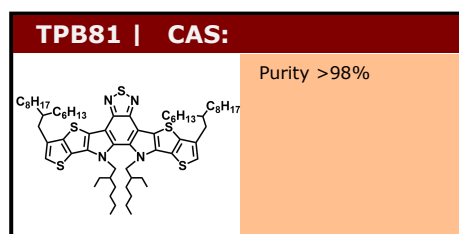
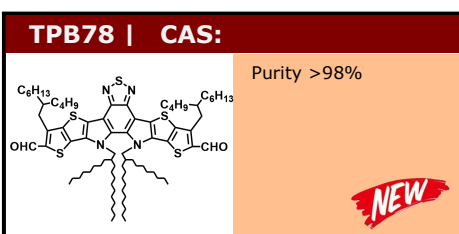
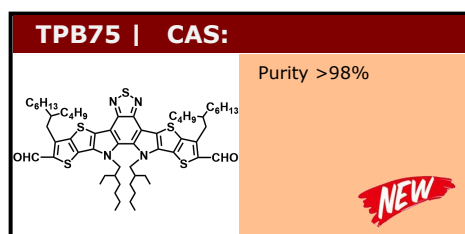
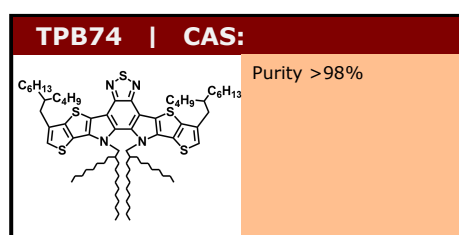
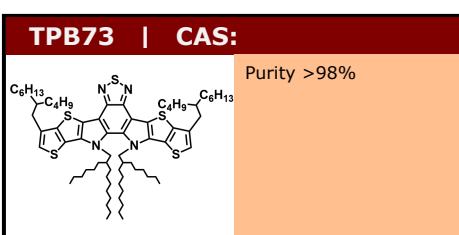
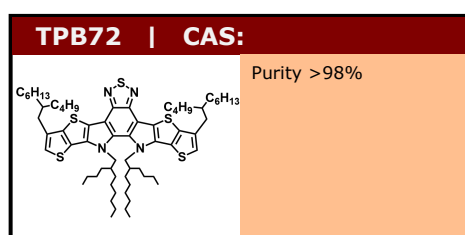
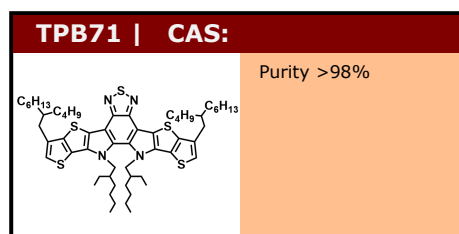
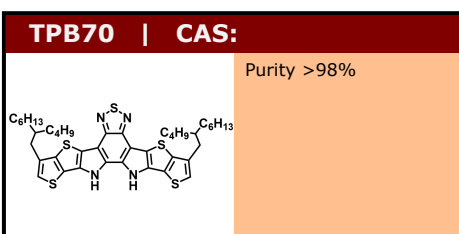
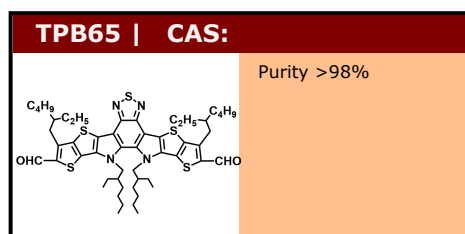
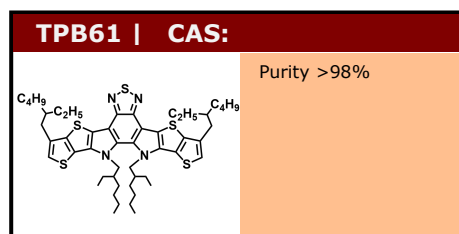
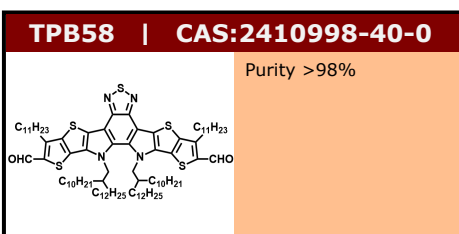
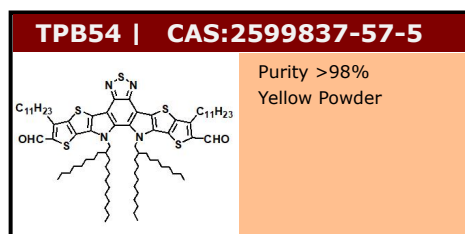
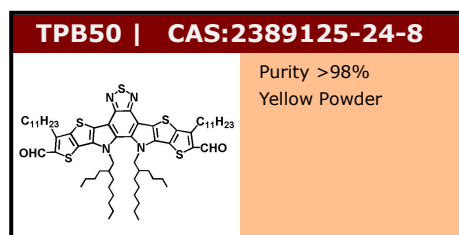
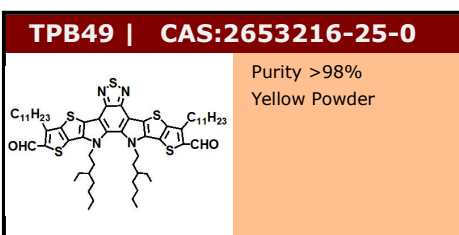
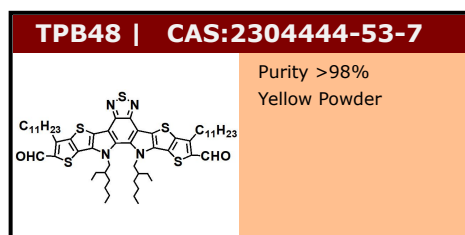
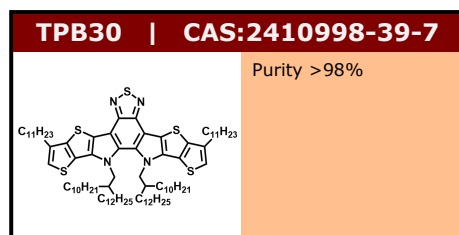
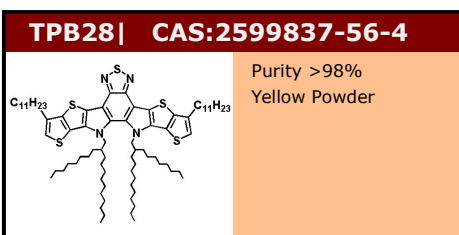
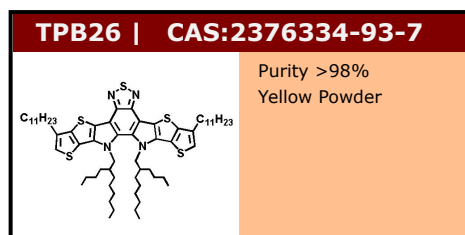
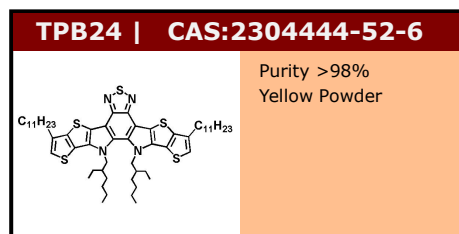
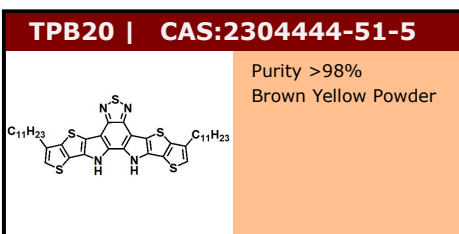
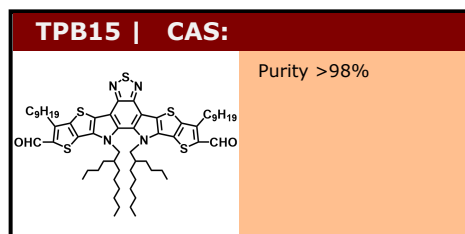


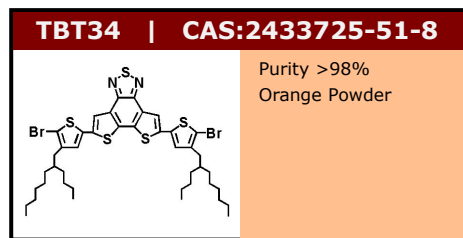
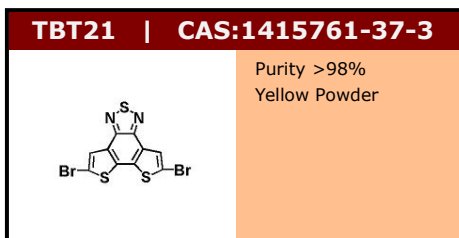
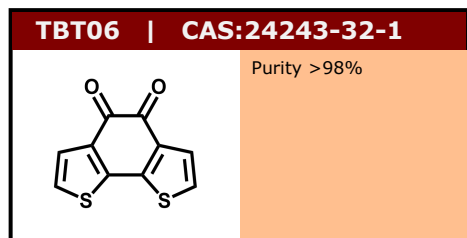
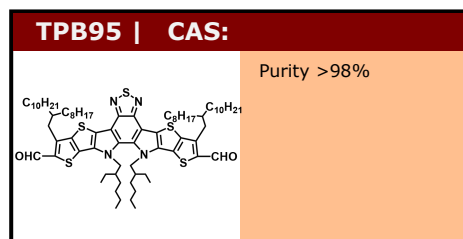
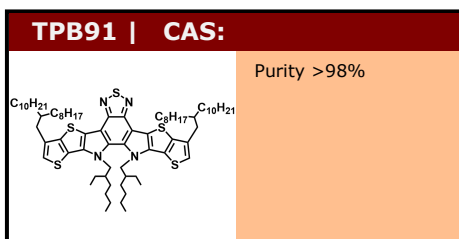
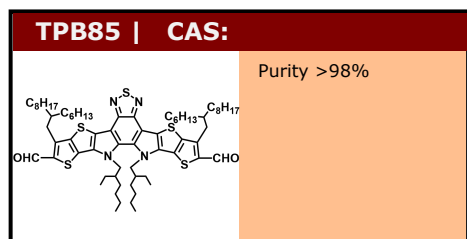
TADF Materials



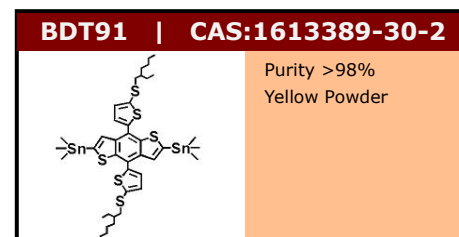
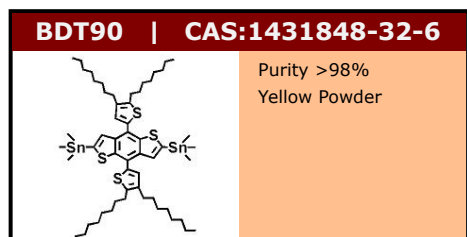
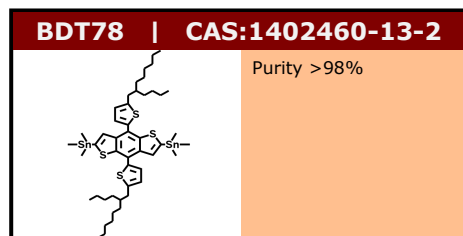
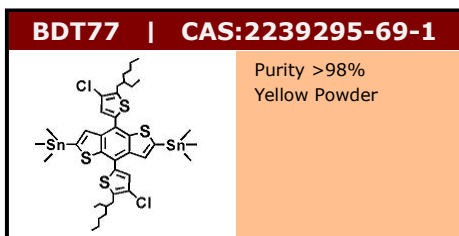
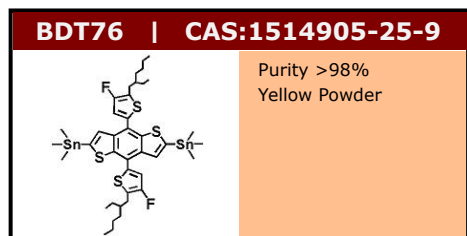
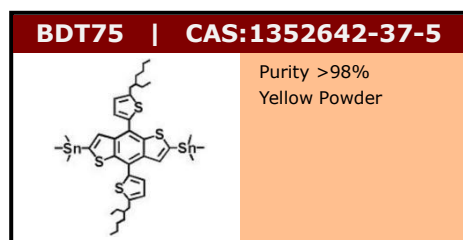
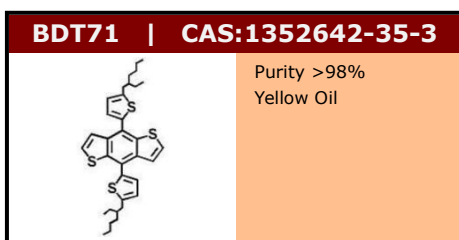
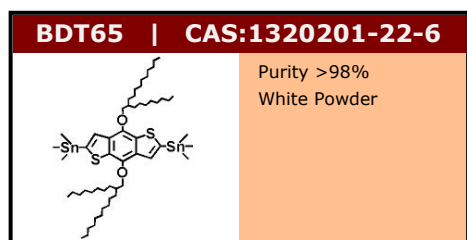
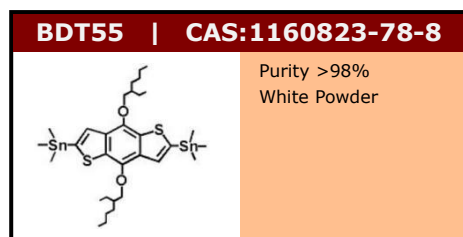
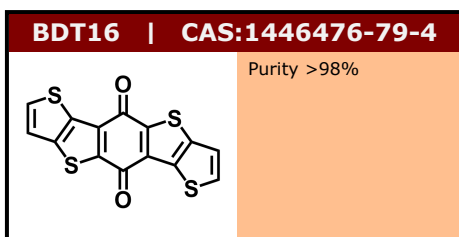
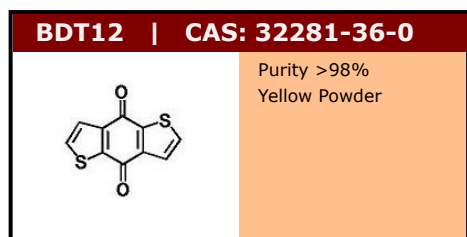


Thienothiophenylrobenzothiadiazole (TPB)/Thienobenzothiadiazole (TBT)

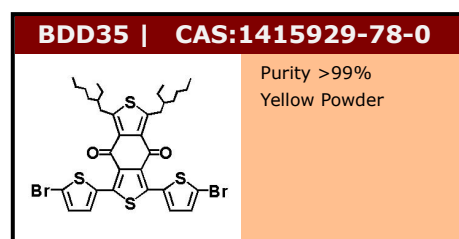
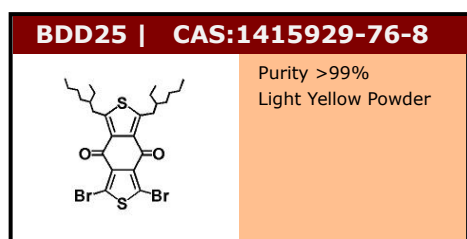




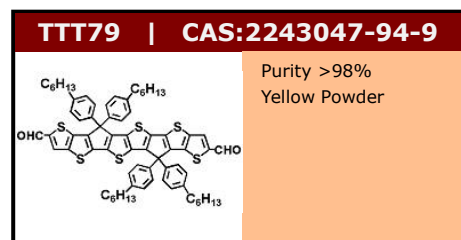
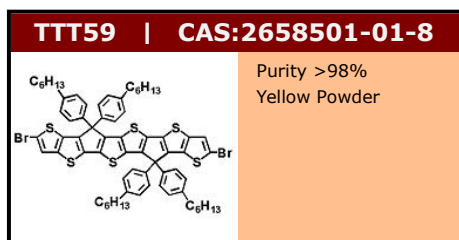
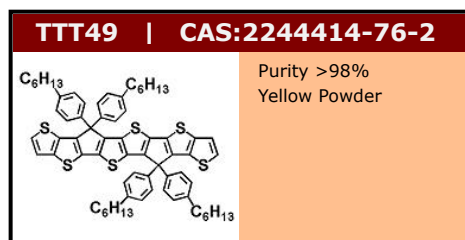
Benzodithiophene (BDT)



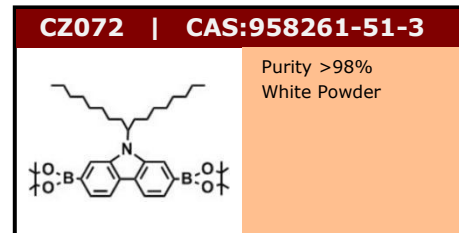
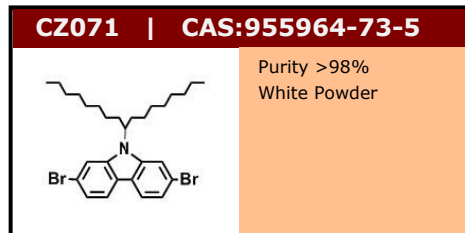
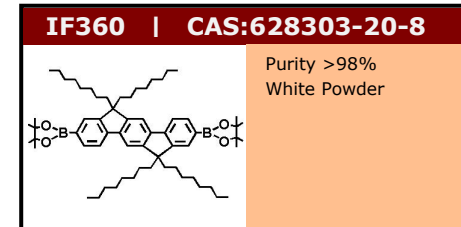
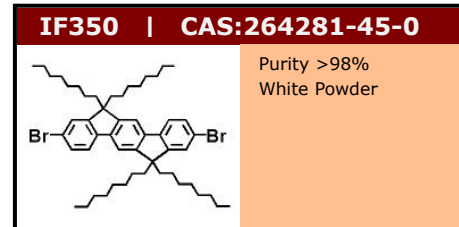
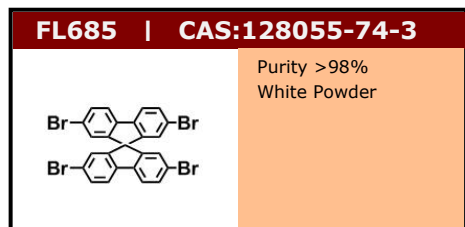
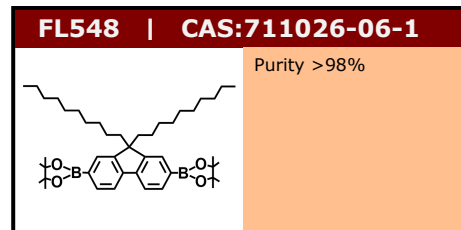
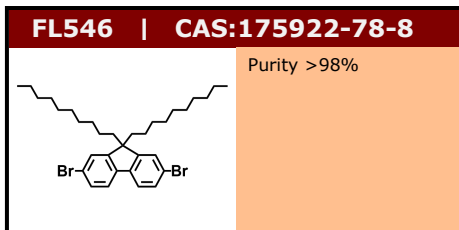
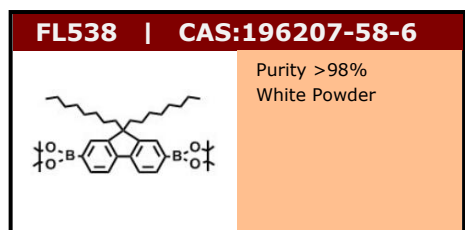
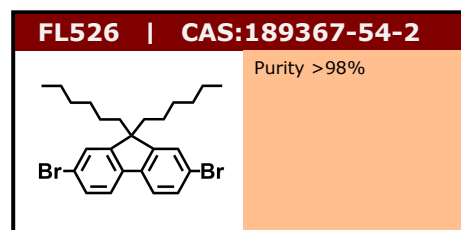
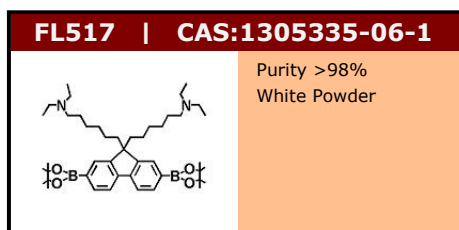
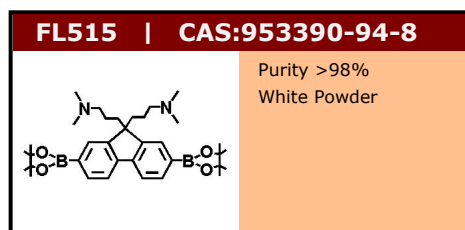
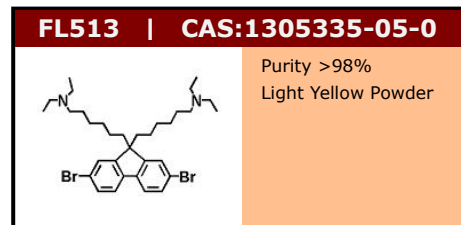
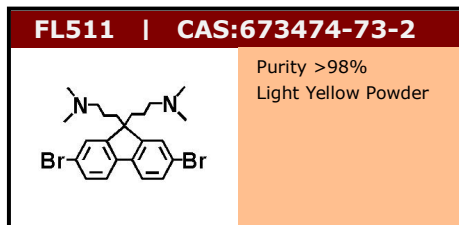
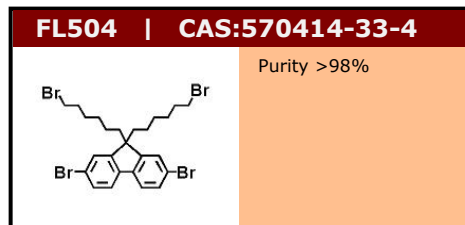
Benzodithiophene-dione(BDD)



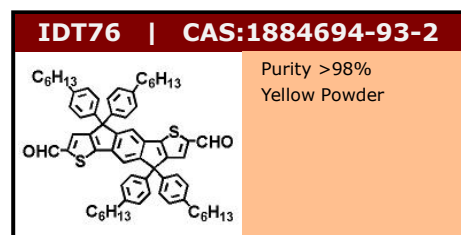
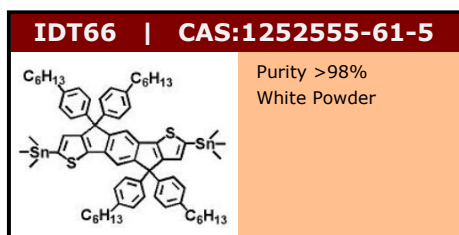
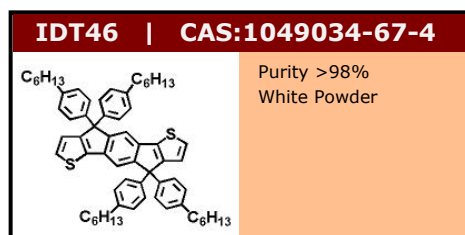
Tris-thienothiophene (TTT)

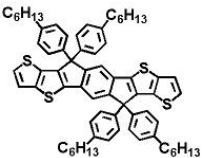
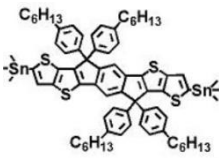
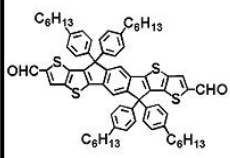
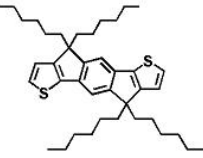
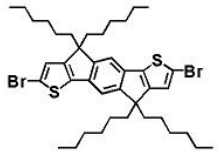
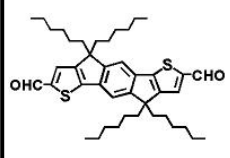
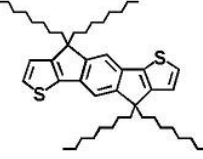
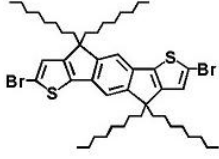
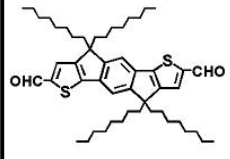
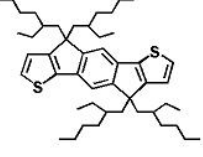
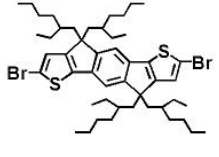
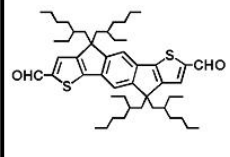
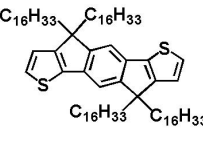
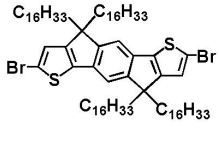
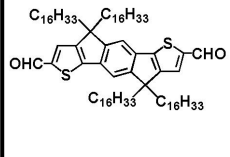
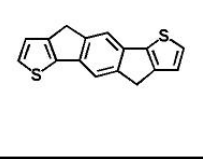
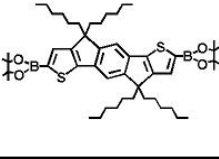
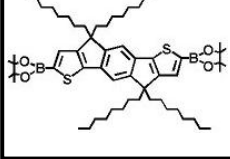
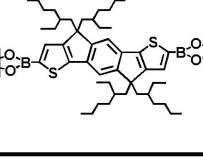
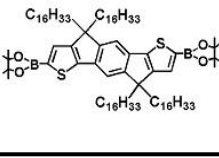
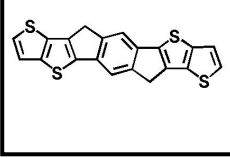
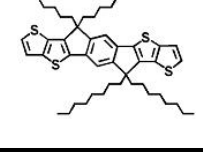
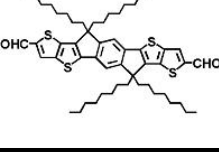
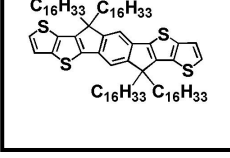


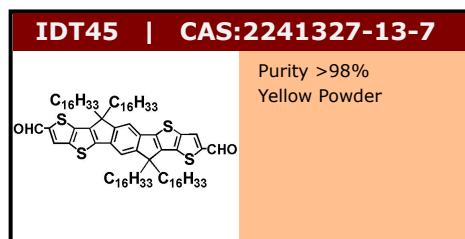
Fluorene(FL) / Indenofluorene(IF) / Carbazole(CZ)



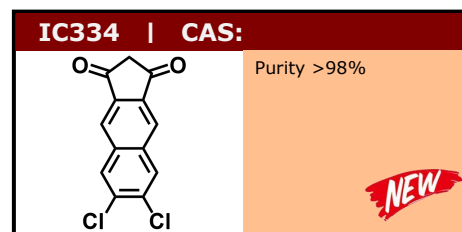
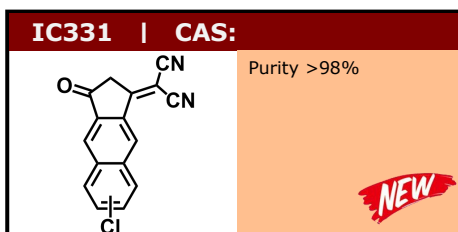
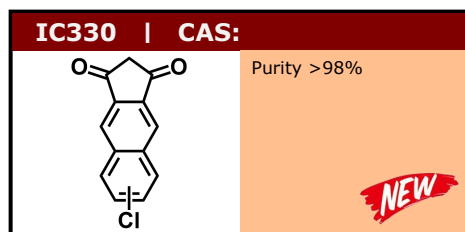
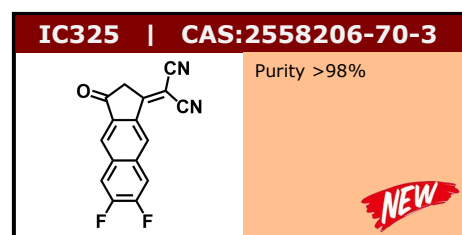
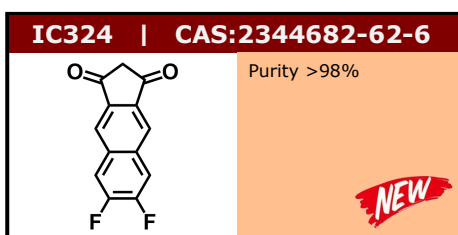
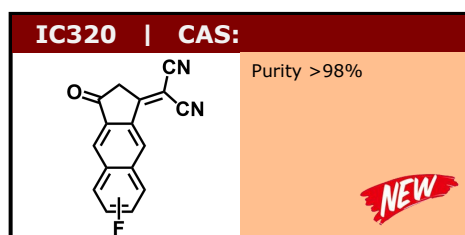
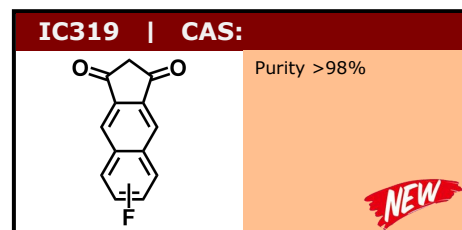
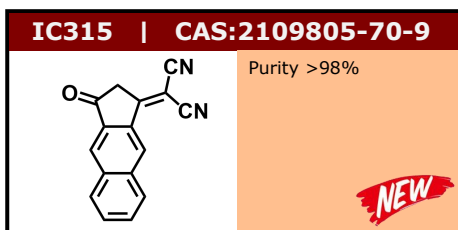
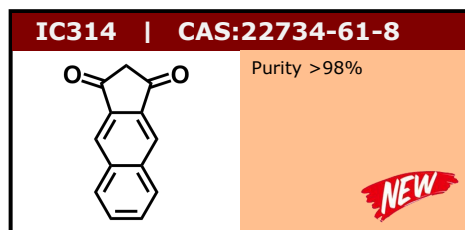
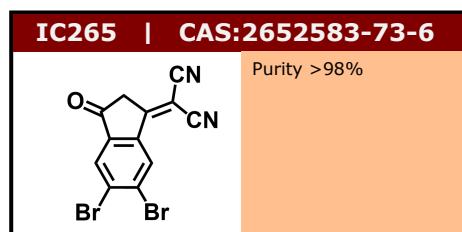
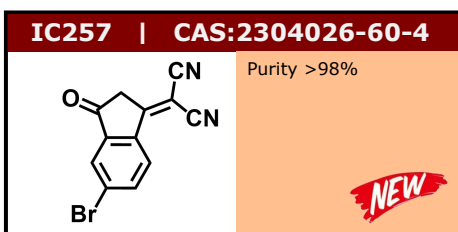
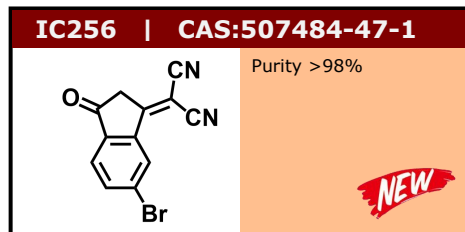
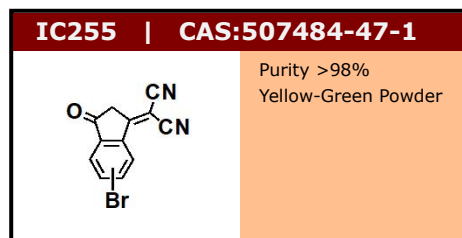
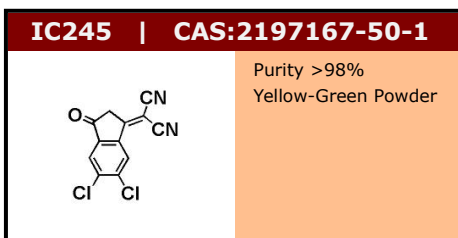
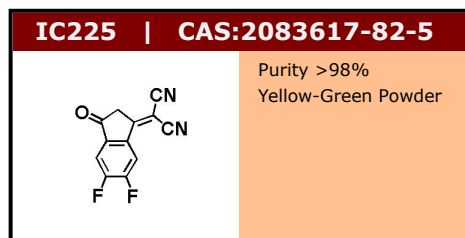
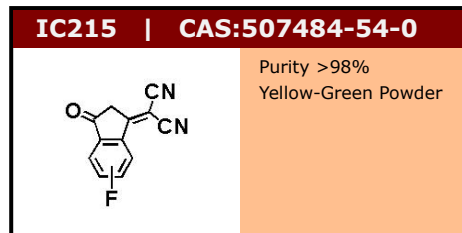
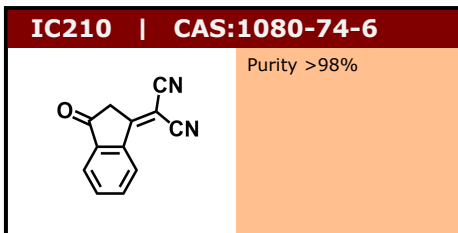
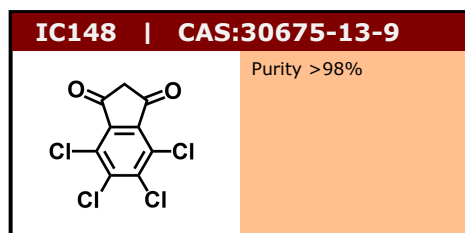
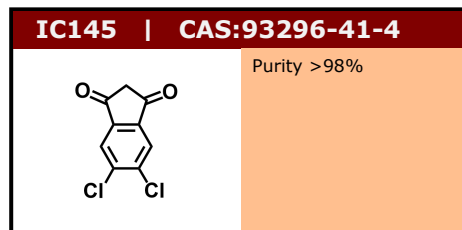
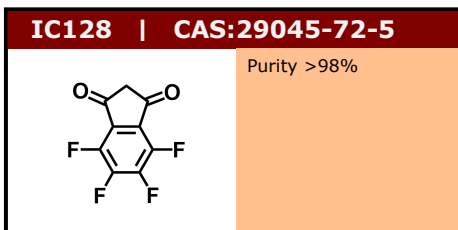
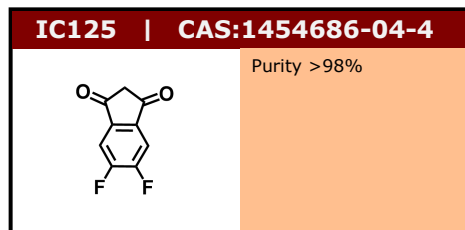
Indacenodithiophene (IDT)

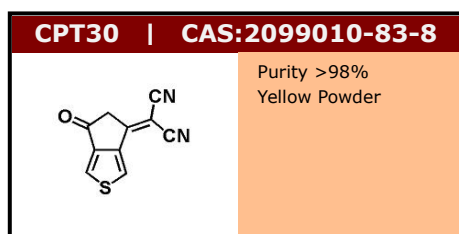
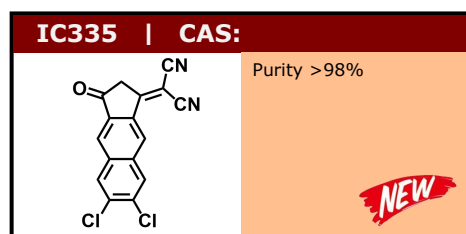


IDT49 CAS:1420071-64-2  Purity >98% Yellow Powder	IDT69 CAS:1420071-65-3  Purity >98% Yellow Powder	IDT79 CAS:1878125-76-8  Purity >98% Yellow Powder
IDT23 CAS:1509939-03-0  Purity >98% Yellow Powder	IDT24 CAS:2290561-55-4  Purity >98% Yellow Powder	IDT40 CAS:1883441-93-7  Purity >98% Yellow Powder
IDT25 CAS:1209012-32-7  Purity >98% Yellow Powder	IDT30 CAS:1209012-33-8  Purity >98% White Powder	IDT42 CAS:2206677-82-7  Purity >98% Yellow Powder
IDT27 CAS:1352572-20-3  Purity >98% Yellow Powder	IDT35 CAS:1322559-13-6  Purity >98% White Powder	IDT38 CAS:  Purity >98% Yellow Powder
IDT29 CAS:1209012-34-9  Purity >98% Yellow Powder	IDT34 CAS:1209012-35-0  Purity >98% White Powder	IDT44 CAS:2177241-05-1  Purity >98% Yellow Powder
IDT22 CAS:1209012-31-6  Purity >95% Yellow Powder	IDT39 CAS:  Purity >98% Yellow Powder	IDT41 CAS:  Purity >98% Yellow Powder
IDT37 CAS:  Purity >98% Yellow Powder	IDT36 CAS:  Purity >98% Yellow Powder	IDT26 CAS:1822338-44-2  High Purity Black Powder
IDT32 CAS:2602662-81-5  Purity >98% Yellow Powder	IDT33 CAS:2226449-53-0  Purity >98% Yellow Powder	IDT43 CAS:1591660-39-7  Purity >98% Yellow Powder

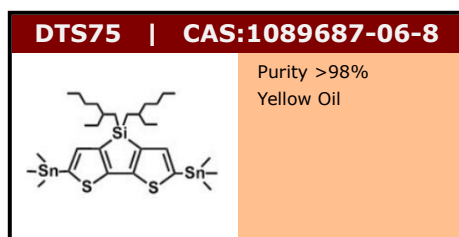
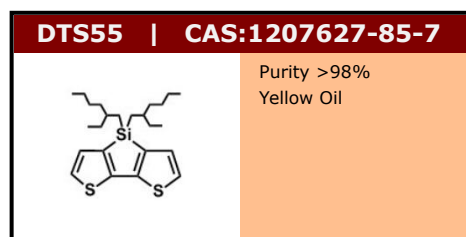
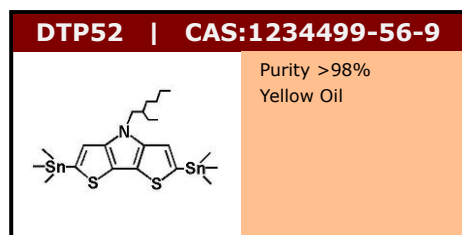
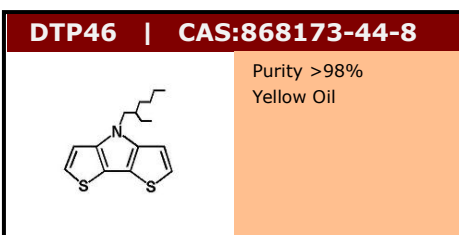
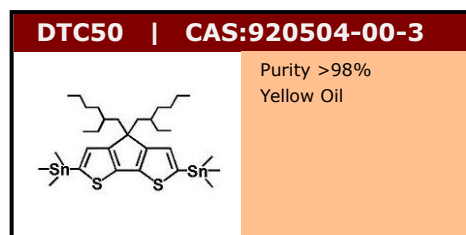
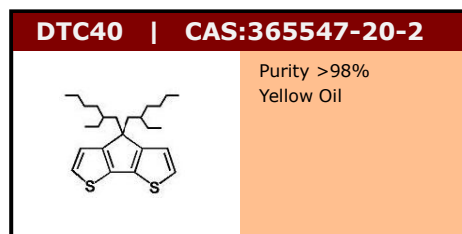
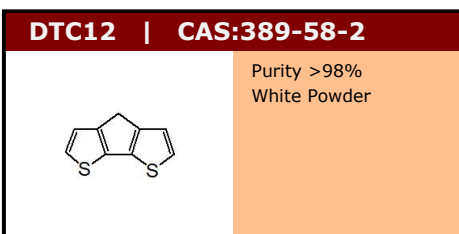
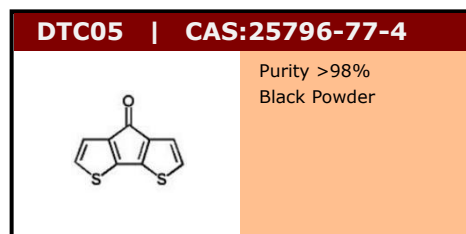


Indanone-Cyano(IC) / Cyclopentathiophene(CPT)

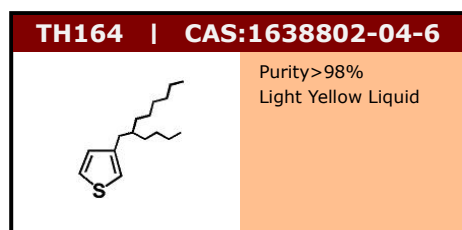
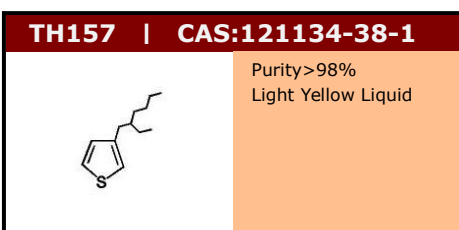
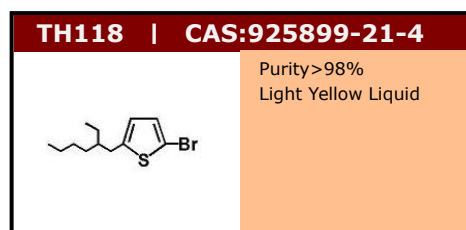
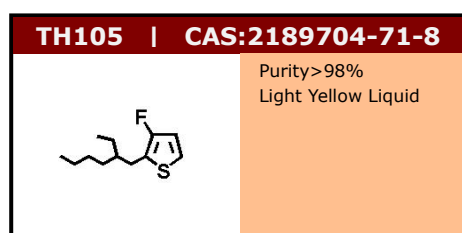
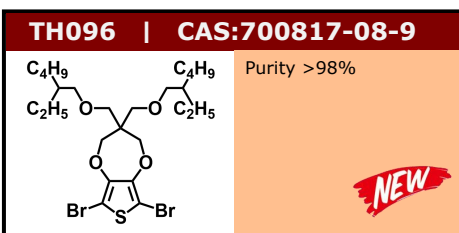
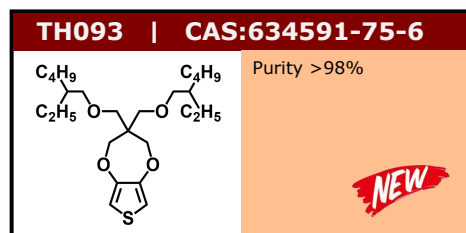
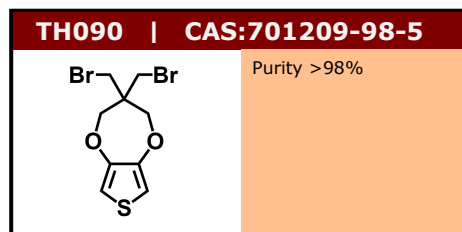
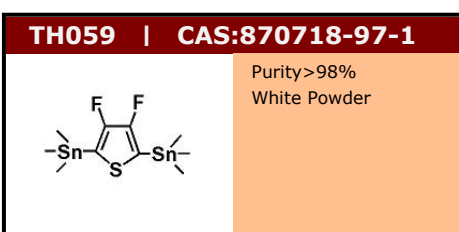
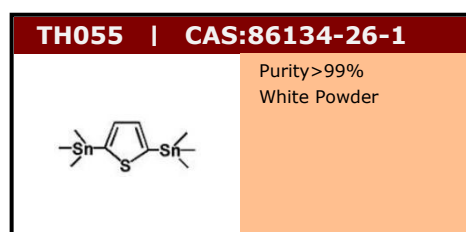


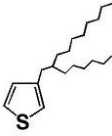
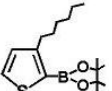
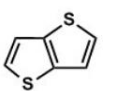
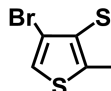
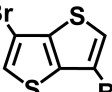
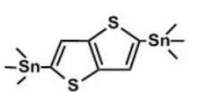
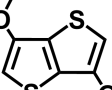
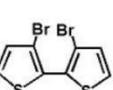
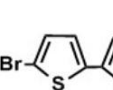
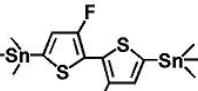
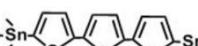
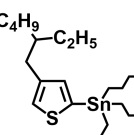
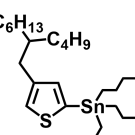
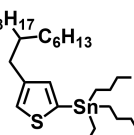
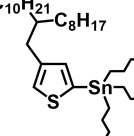
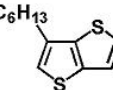


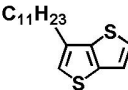
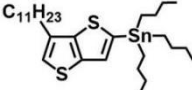
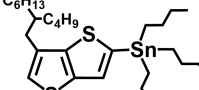
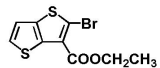
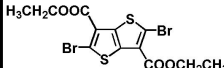
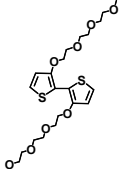
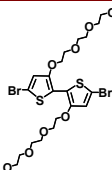
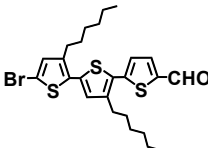
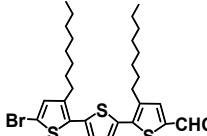
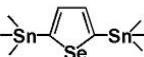
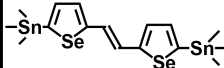
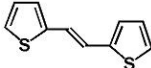
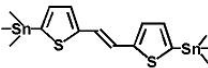
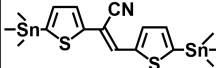
Dithienocyclopenta (DTC) / Dithienopyrrole (DTP) / Dithienosilole (DTS)



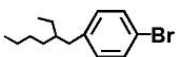
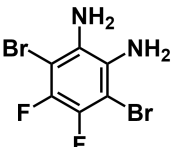
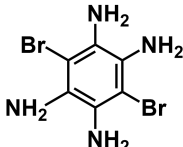
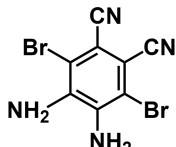
Thiophene(TH) / Selenophene(SE) / Thienovinylnthiophene (TVT)



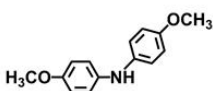
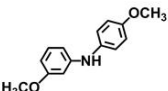
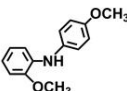
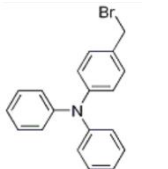
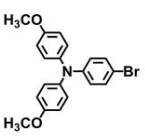
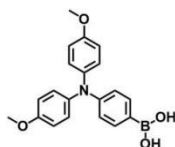
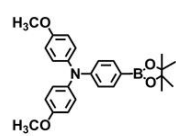
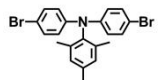
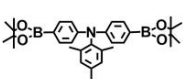
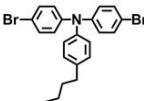
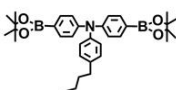
TH170 CAS:1345699-92-4  Purity>98% Light Yellow Liquid	TH176 CAS:1268060-76-9  Purity>98% Light Yellow Liquid	TH178 CAS:1446414-48-7  Purity>98% Light Yellow Liquid
TH235 CAS:850881-09-3  Purity >98%	TH283 CAS:251-41-2  Purity>99% White Powder	TH285 CAS:25121-83-9  Purity >98%
TH288 CAS:392662-65-6  Purity >98%	TH289 CAS:469912-82-1  Purity>99% White Powder	TH293 CAS:2378628-49-8  Purity >98%
TH295 CAS:850233-79-3  Purity >98%	TH298 CAS:51751-44-1  Purity>98% Yellow Powder	TH300 CAS:4805-22-5  Purity>98% White Powder
TH302 CAS:143367-56-0  Purity>99% Light Yellow Powder	TH303 CAS:1619967-09-7  Purity>98% Light Yellow Powder	TH304 CAS:3593-75-7  Purity>98% White Powder
TH308 CAS:1081-34-1  Purity>98% Yellow Powder	TH313 CAS:98057-08-0  Purity>98% Yellow Powder	TH318 CAS:178931-63-0  Purity>98% Yellow Powder
TH322 CAS:886746-54-9  Purity >98%	TH324 CAS:1638802-06-8  Purity >98%	TH326 CAS:1430201-55-0  Purity >98%
TH328 CAS:1453167-32-2  Purity >98%	TH417 CAS:880088-89-1  Purity >98% Colorless liquid	TH420 CAS:763114-94-9  Purity >98% Colorless liquid

TH422 CAS:950223-97-9  Purity >98% Colorless liquid	TH435 CAS:2304444-54-8  Purity >98% Yellow liquid	TH437 CAS:2757554-16-6  Purity >98%
TH440 CAS:2055722-78-4  Purity >98% White Powder	TH445 CAS:1800376-55-9  Purity >98% White Powder	TH570 CAS:1636120-18-7  Purity >98% Yellow Powder
TH580 CAS:1974310-58-1  Purity >98% Yellow Powder	TH640 CAS:1628940-31-7  Purity >98% Light Yellow Liquid	TH650 CAS:1342311-48-1  Purity >98% Light Yellow Powder
SE350 CAS:220770-41-2  Purity >98% White Powder	SE610 CAS:1424781-44-1  Purity >98% NEW	TVT41 CAS:15332-30-6  Purity >98%
TVT61 CAS:477789-30-3  Purity >98% Yellow Powder	TVT91 CAS:1965250-77-4  Purity >98% Yellow Powder NEW	

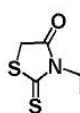
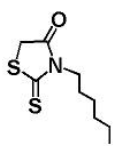
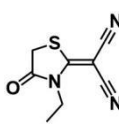
Benzene (BZ)

BZ118 CAS:883903-22-8  Purity >98% Light Yellow Liquid	BZ511 CAS:1345627-73-7  Purity >98%	BZ522 CAS:1443122-18-6  Purity >98%
BZ533 CAS:248256-53-3  Purity >98%		

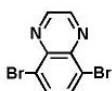
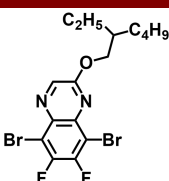
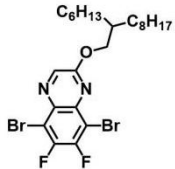
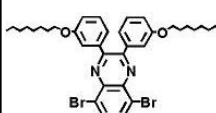
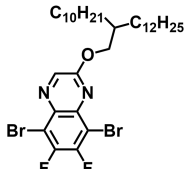
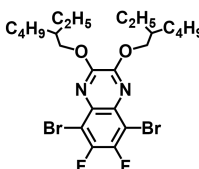
Phenylamine (PA)

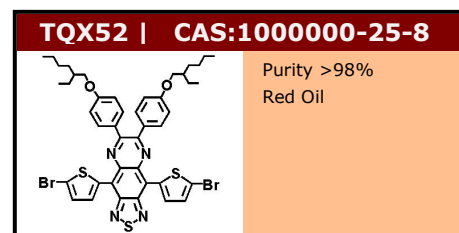
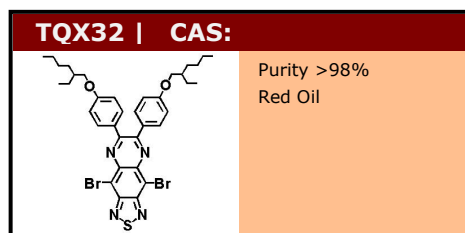
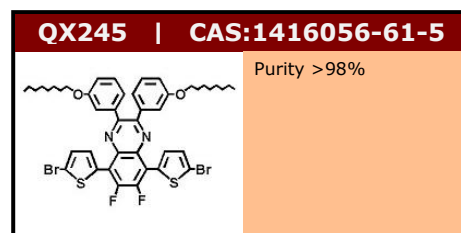
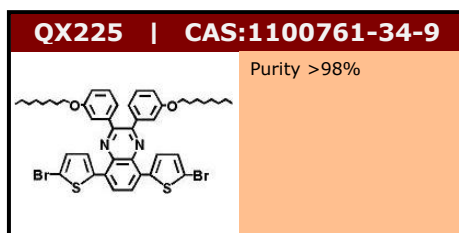
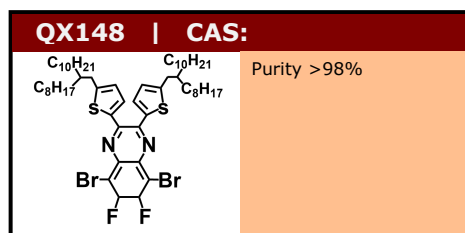
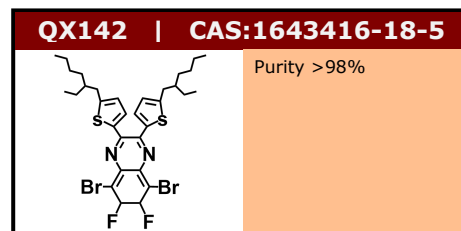
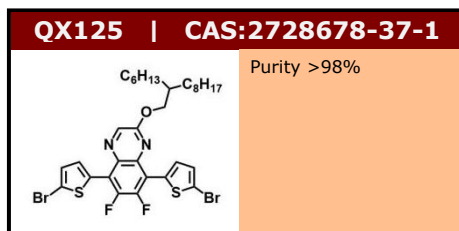
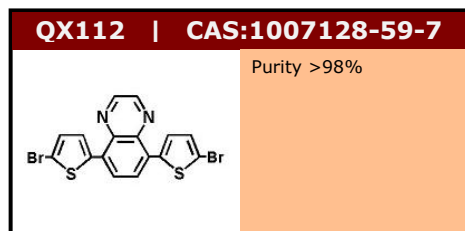
PA215 CAS:101-70-2  Purity >98% Light Yellow Powder	PA235 CAS:3661-49-2  Purity >98% Light Yellow Powder	PA255 CAS:58751-07-8  Purity >98% Light Yellow Powder
PA333 CAS:183994-94-7  Purity >98% Light Yellow Powder	PA366 CAS:194416-45-0  Purity >98% Light Yellow Powder	PA386 CAS:201802-29-1  Purity >98% Very Pale Yellow
PA388 CAS:875667-84-8  Purity >98%	PA568 CAS:663943-27-9  Purity >98% Very Pale Yellow	PA588 CAS:1282616-14-1  Purity >98%
PA635 CAS:276690-04-1  Purity >98%	PA655 CAS:444289-55-8  Purity >98% off-White Powder	

Rhodanine(RDN)

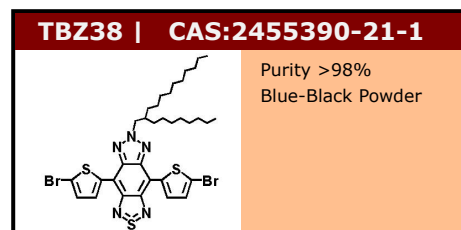
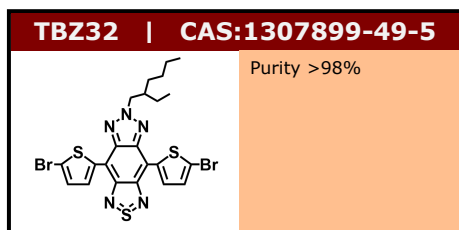
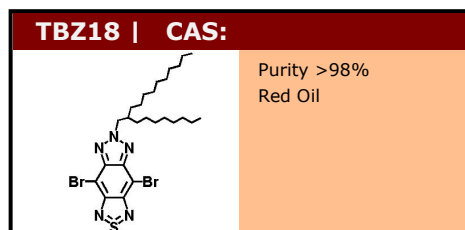
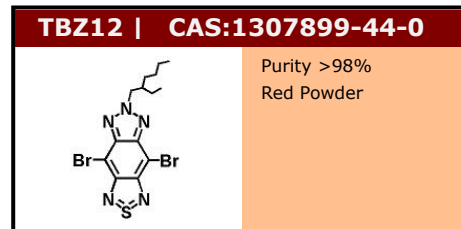
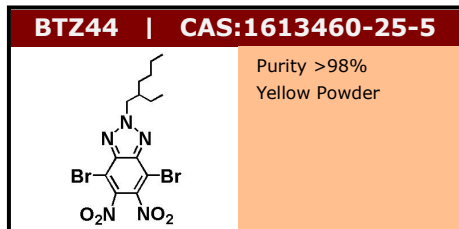
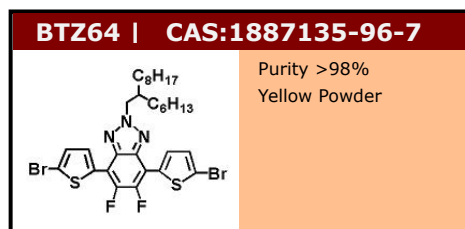
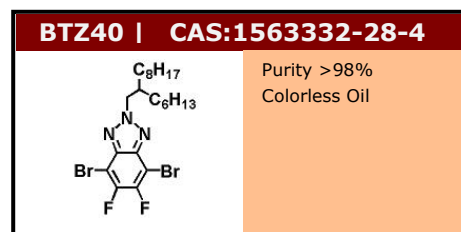
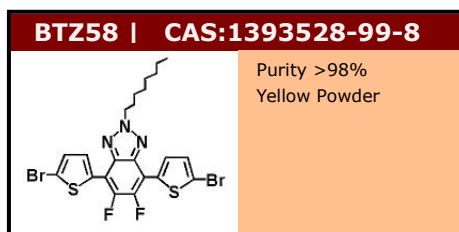
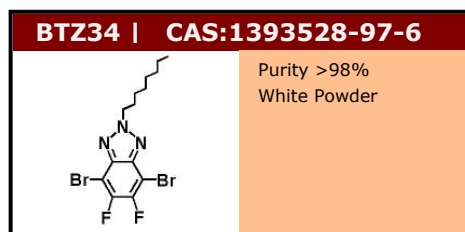
RDN32 CAS:7648-01-3  Purity >98% Yellow Solid	RDN36 CAS:56347-27-4  Purity >98%	RDN65 CAS:623558-68-9  Purity >98%
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Quinoxaline(QX) / Thiadiazol-quinoxaline(TQX)

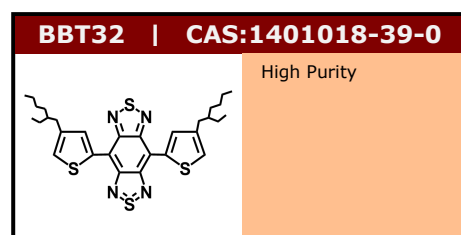
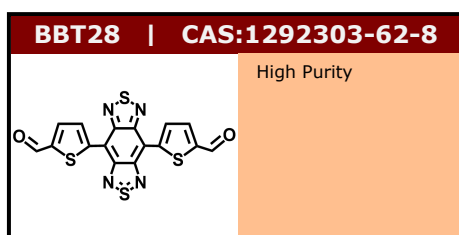
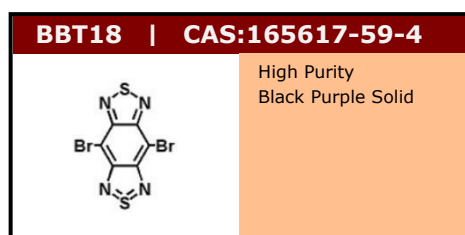
QX102 CAS:148231-12-3  Purity >98%	QX103 CAS:  Purity >98%	QX104 CAS:2269476-12-0  Purity >98%
QX105 CAS:565228-31-1  Purity >98%	QX106 CAS:  Purity >98%	QX107 CAS:  Purity >98%

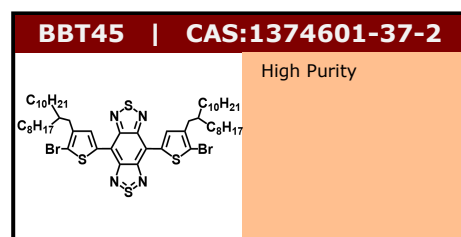
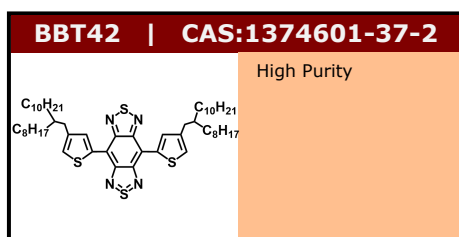
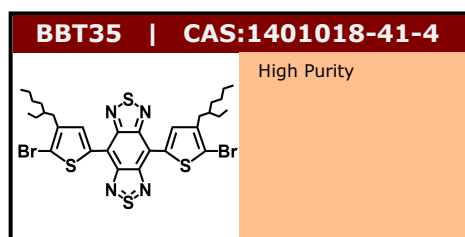


Benzotriazole(BTZ) / Thiadiazolobenzotriazole(TBZ)

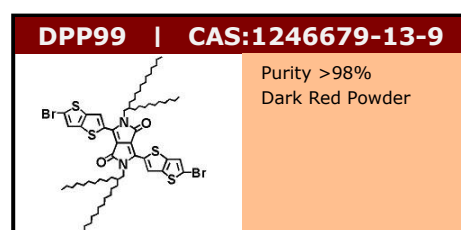
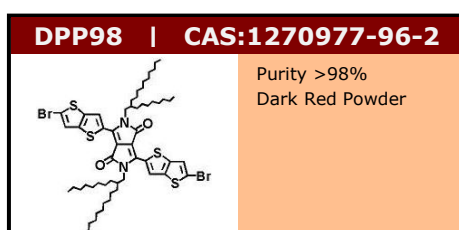
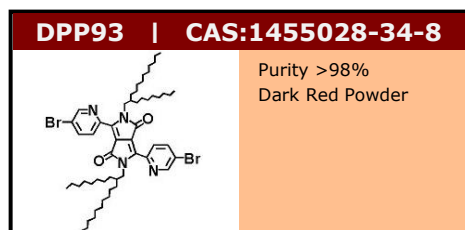
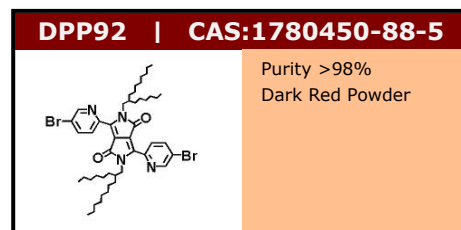
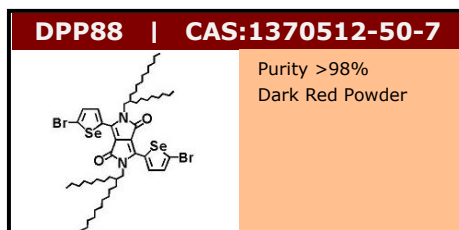
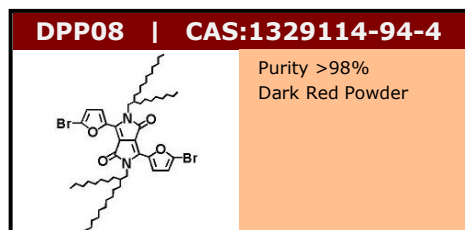
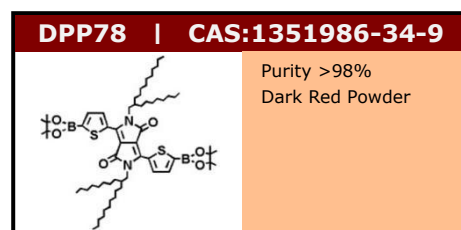
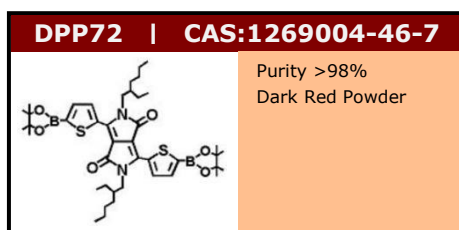
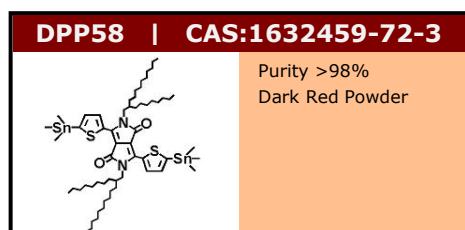
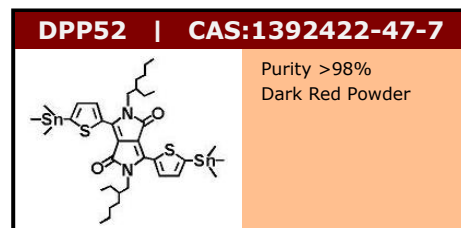
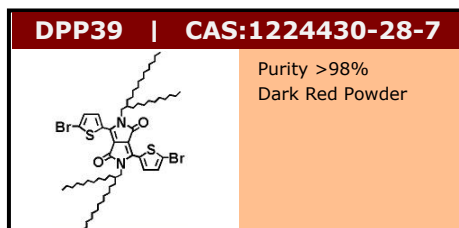
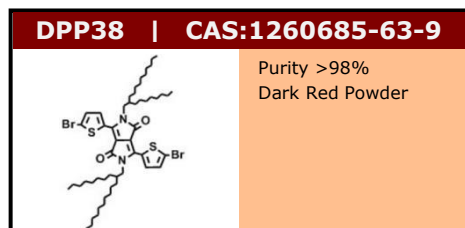
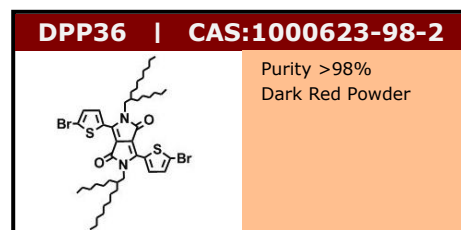
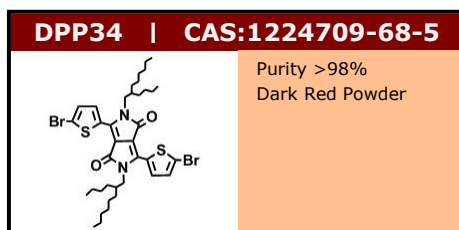
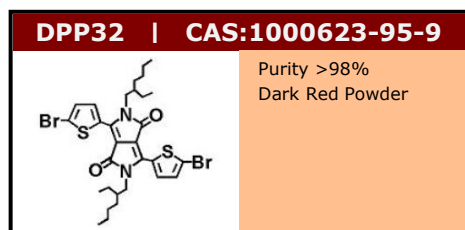
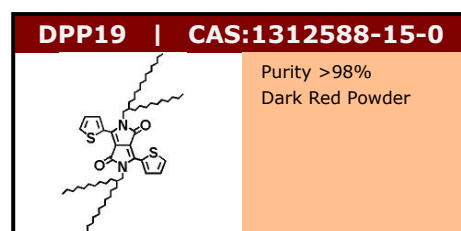
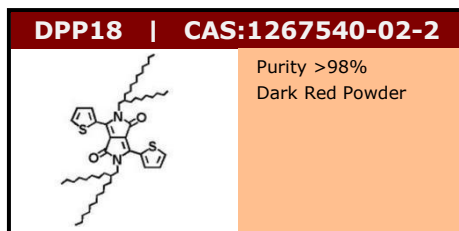
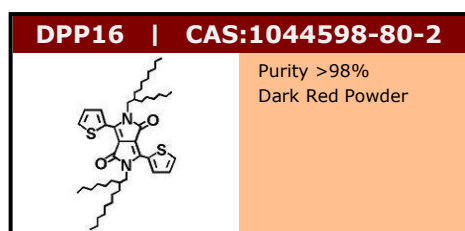
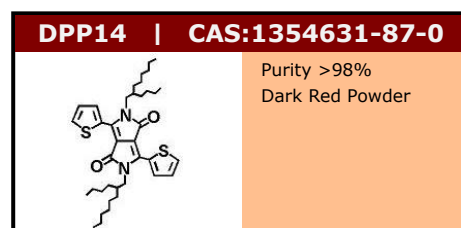
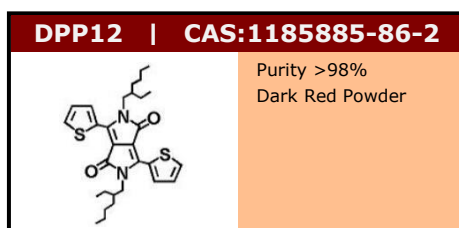
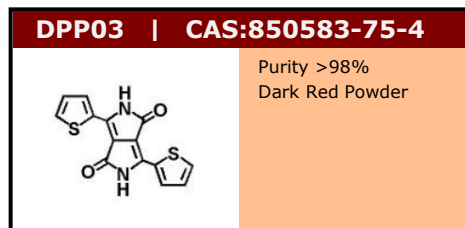


Benzobisthiadiazole(BBT)

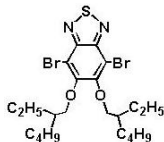
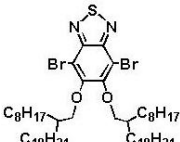
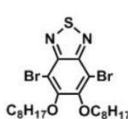
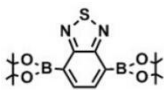
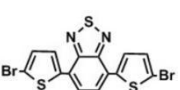
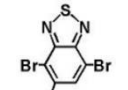
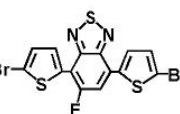
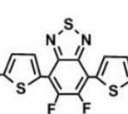
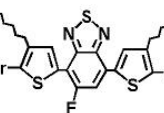
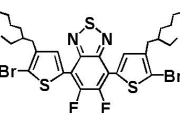
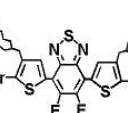
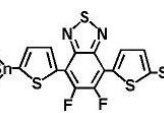
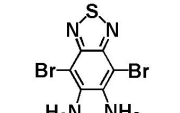
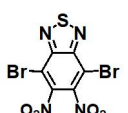
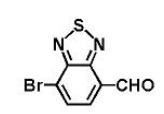
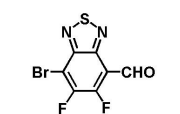
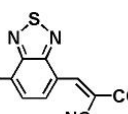
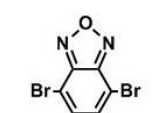
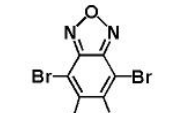
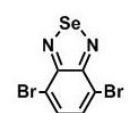
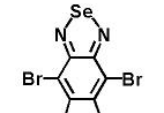




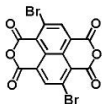
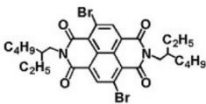
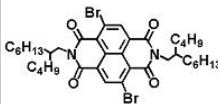
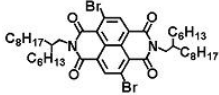
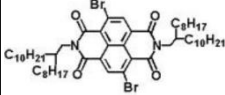
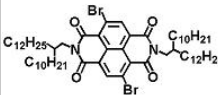
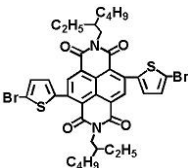
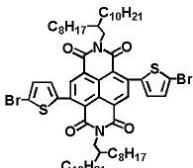
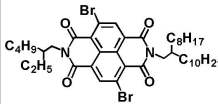
Diketopyrrolopyrrole(DPP)



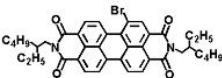
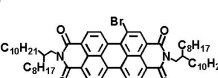
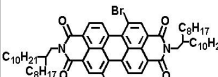
Benzothiadiazole(BT) / Benzooxadiazole(BO) / Benzoselenadiazole(BS)

BT013 CAS:1642535-94-1  Purity >98% Light Yellow Liquid	BT014 CAS:1888414-90-1  Purity >98% Light Yellow Liquid	BT015 CAS:1192352-08-1  Purity >98% White Powder
BT016 CAS:934365-16-9  Purity >98% White Powder	BT018 CAS:288071-87-4  Purity >98% Red Powder	BT111 CAS:1347736-74-6  Purity >98% White Powder
BT112 CAS:1295502-53-2  Purity >99% White Powder	BT117 CAS:1352921-50-6  Purity >98% Red Powder	BT118 CAS:1304773-89-4  Purity >98% Red Powder
BT120 CAS:1352921-51-7  Purity >98% Red Powder	BT132 CAS:1293389-31-7  Purity >98% Red Powder	BT138 CAS:1504626-07-6  Purity >98% Red Powder
BT185 CAS:1421762-30-2  Purity >98% Red Powder	BT505 CAS:141215-32-9  Purity >98% Yellow-Red Powder	BT510 CAS:76186-72-6  Purity >98% White Powder
BT533 CAS:1071224-34-4  Purity >98% Light Yellow Powder	BT538 CAS:2170788-44-8  Purity >98% Light Yellow Powder	BT695 CAS:2305603-57-8  Purity >98% Yellow Powder
BO102 CAS:54286-63-4  Purity >99% White Powder	BO178 CAS:1797404-58-0  Purity >99% White Powder	BS102 CAS:63224-42-0  Purity >99% White Powder
BS178 CAS:1455435-88-7  Purity >98% Yellow Powder		

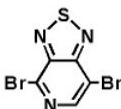
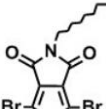
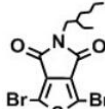
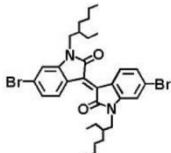
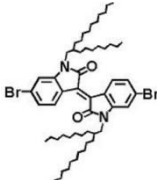
Naphthalenediimide (NDI)

NDI20 CAS:83204-68-6 	Purity>90% Yellow Powder
NDI32 CAS:1088205-02-0 	Purity>99% Yellow Powder
NDI34 CAS:1614253-96-1 	Purity>99% Yellow Powder
NDI36 CAS:1459168-68-3 	Purity>99% Yellow Powder
NDI38 CAS:1100243-35-3 	Purity>99% Yellow Powder
NDI39 CAS:1088205-04-2 	Purity>99% Yellow Powder
NDI82 CAS:1320282-67-4 	Purity>98% Dark Red Powder
NDI88 CAS:1178586-27-0 	Purity>98% Dark Red Powder
NDI90 CAS:2567647-53-2 	Purity>98% Yellow Powder

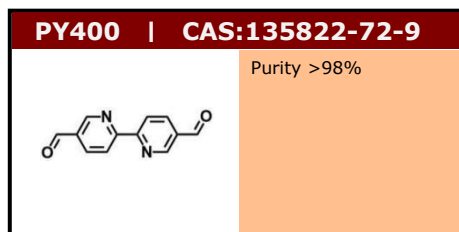
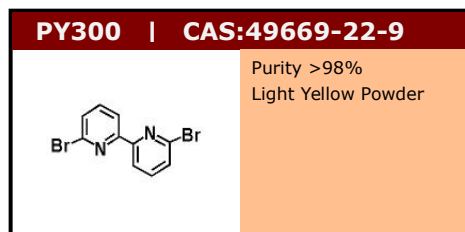
Perylenediimide (PDI)

PDI22 CAS:1015473-19-4 	Purity>98% Dark Red Powder
PDI27 CAS:259880-25-6 	Purity >98% Dark Red Powder
PDI28 CAS:1449429-74-6 	Purity >98% Dark Red Powder
PDI32 CAS:851786-15-7 	Purity>98% Dark Red Powder
PDI36 CAS:1374838-69-3 	Purity>98% Dark Red Powder
PDI38 CAS:1100243-37-5 	Purity>98% Dark Red Powder

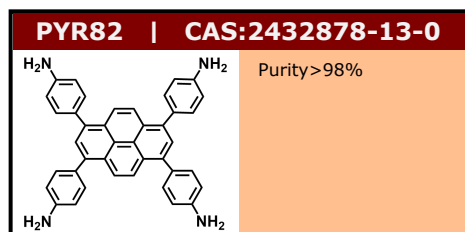
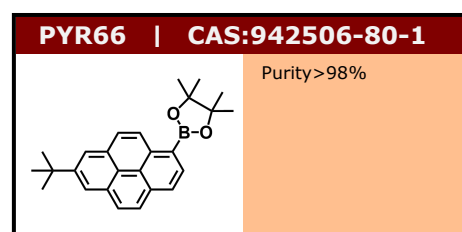
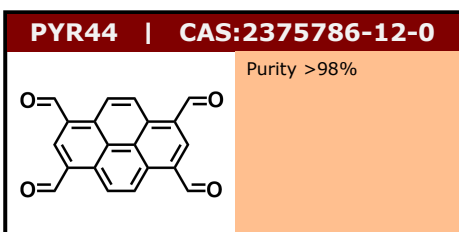
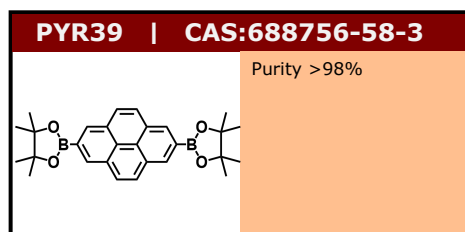
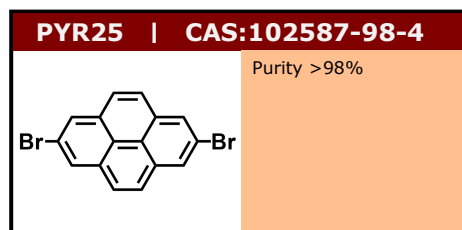
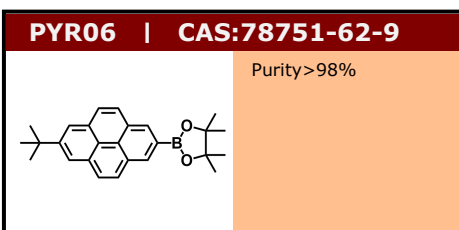
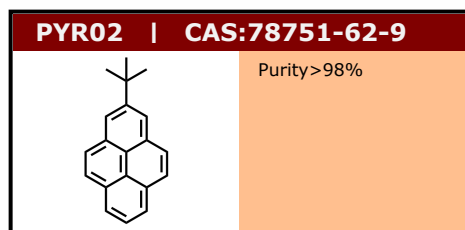
Pyridinethiadiazole(PT) / Thienopyrroledione(TPD) / Isoindigo(IID)

PT135 CAS:333432-27-2 	Purity >98% Yellow Powder
TPD31 CAS:566939-58-0 	Purity >98% Pale Powder
TPD35 CAS:1231160-83-0 	Purity >98% Pale Powder
IID32 CAS:1147124-23-9 	Purity >98% Dark Red Powder
IID38 CAS:1263379-85-6 	Purity >98% Dark Red Powder

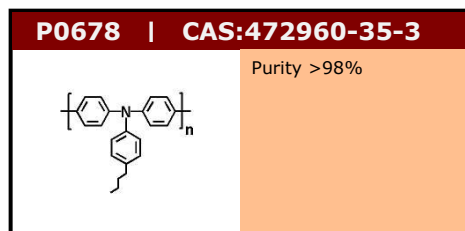
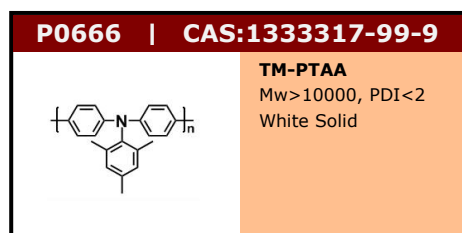
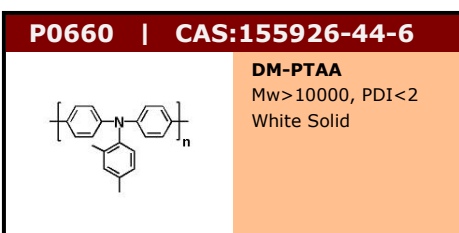
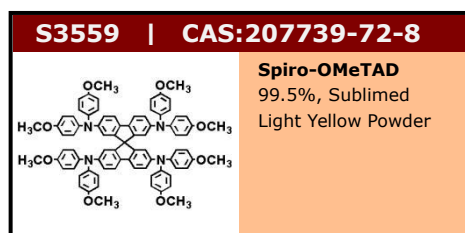
Pyridines(PY)



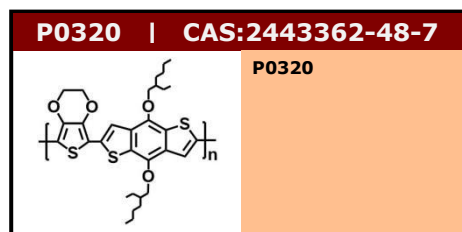
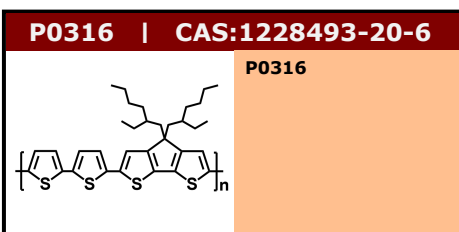
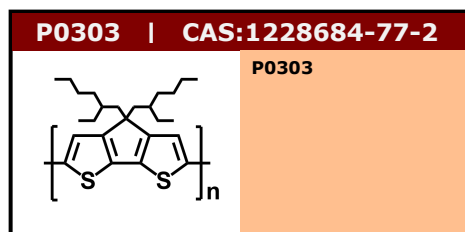
Pyrene (PYR)

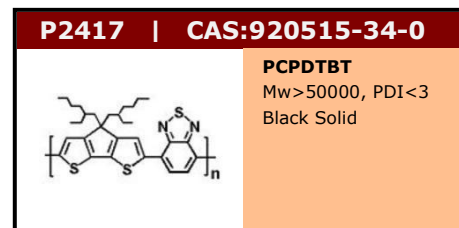
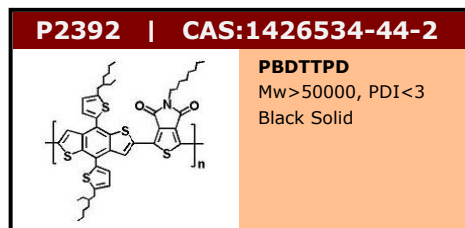
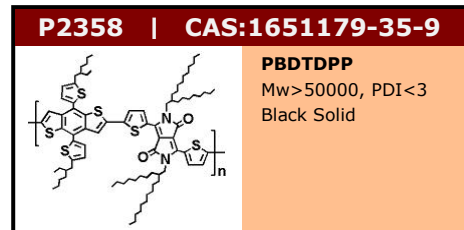
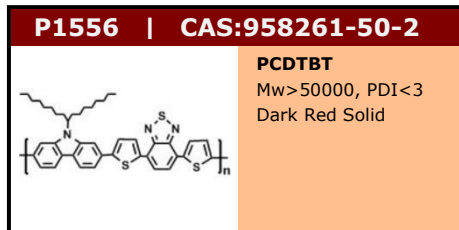
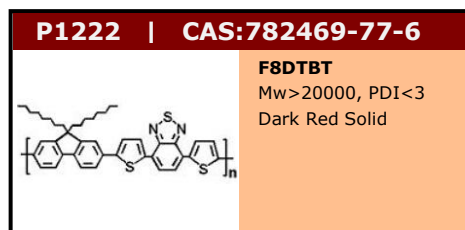
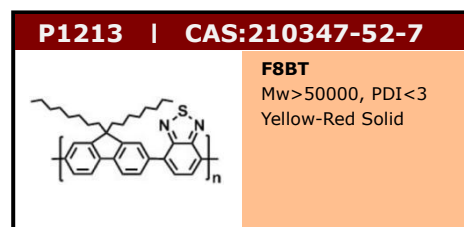
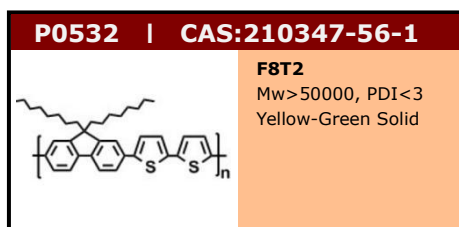
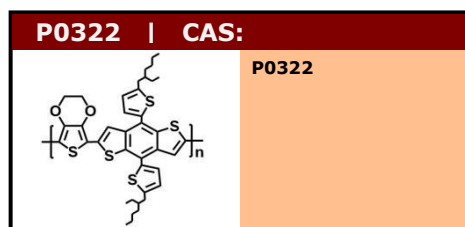


Perovskite HTM

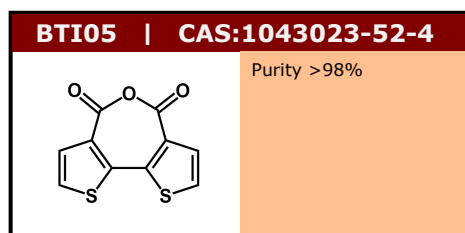


Other Polymer





Other Intermediates



Alkyl Chain

