**Synonym:** PBDB-T-2F, PCE135, PM6, Poly[[4,8-bis[5-(2-ethylhexyl)-4-fluoro-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-c:4,5-c']dithiophene-1,3-diyl]-2,5-thiophenediyl]

#### **IEICO**

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

**Synonym:** PBDB-T-2F, PCE135, PM6, Poly[[4,8-bis[5-(2-ethylhexyl)-4-fluoro-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-c:4,5-c']dithiophene-1,3-diyl]-2,5-thiophenediyl]

#### **IEICO-4F**

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

**Synonym:** PBDB-T-2F, PCE135, PM6, Poly[[4,8-bis[5-(2-ethylhexyl)-4-fluoro-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-c:4,5-c']dithiophene-1,3-diyl]-2,5-thiophenediyl]

## **ITIC**

$$H_{13}C_6$$
 $C_6H_{13}$ 
 $C_6$ 
 $C_6H_{13}$ 
 $C_6$ 
 $C_6$ 

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

**Synonym:** PBDB-T-2F, PCE135, PM6, Poly[[4,8-bis[5-(2-ethylhexyl)-4-fluoro-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-c:4,5-c']dithiophene-1,3-diyl]-2,5-thiophenediyl]

## ITIC-4Cl

**Synonym:** 3,9-bis(2-methylene-((3-(1,1-dicyanomethylene)-6,7-dichloro)-indanone))-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene, ITIC-2Cl

**Synonym:** PBDB-T-2F, PCE135, PM6, Poly[[4,8-bis[5-(2-ethylhexyl)-4-fluoro-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-c:4,5-c']dithiophene-1,3-diyl]-2,5-thiophenediyl]

## ITIC-4F

$$C_{6}H_{13}$$
 $C_{6}H_{13}$ 
 $C_{6}H_{13}$ 
 $C_{6}H_{13}$ 
 $C_{6}H_{13}$ 

**Synonym:** 9-Bis(2-methylene-((3-(1,1-dicyanomethylene)-6,7-difluoro)-indanone))-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-*b*:5,6-*b*']dithiophene, IT-4F, ITIC-2F, ITIC-DF3