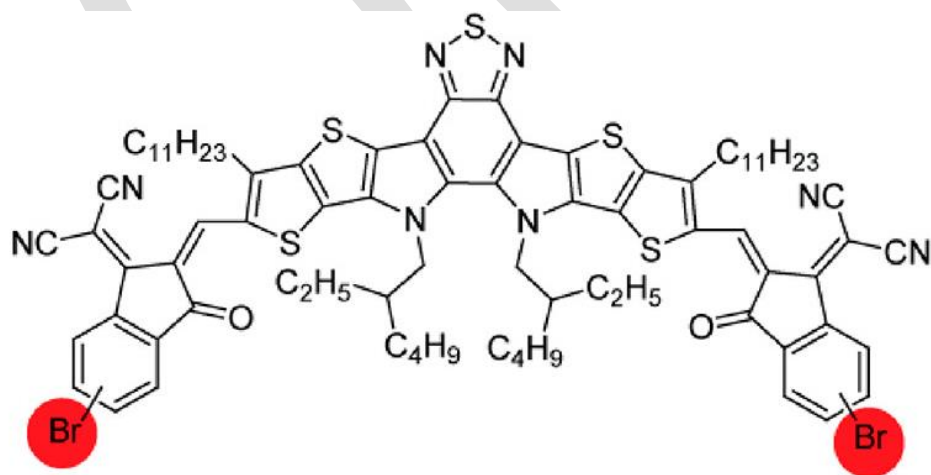


## Technical Data Sheet

OPV Material:	TPT10
Application:	A perfect match with PTQ11, a great potential for low cost OPV
CAS No.	2414381-17-0
Molecular Formula:	C <sub>82</sub> H <sub>88</sub> Br <sub>2</sub> N <sub>8</sub> O <sub>2</sub> S <sub>5</sub>
Chemical Name:	2,2'-[[12,13-Bis(2-ethylhexyl)-12,13-dihydro-3,9-diundecylbisthieno[2'',3'':4',5']thieno[2',3':4,5]pyrrolo[3,2- <i>e</i> :2',3'-g][2,1,3]benzothiadiazole-2,10-diyl]bis[methylidyne( 2-[5( <i>or</i> 6)-bromo-2,3-dihydro-3-oxo-1 <i>H</i> -inden-1-ylidene)]]]bis[propanedinitrile]

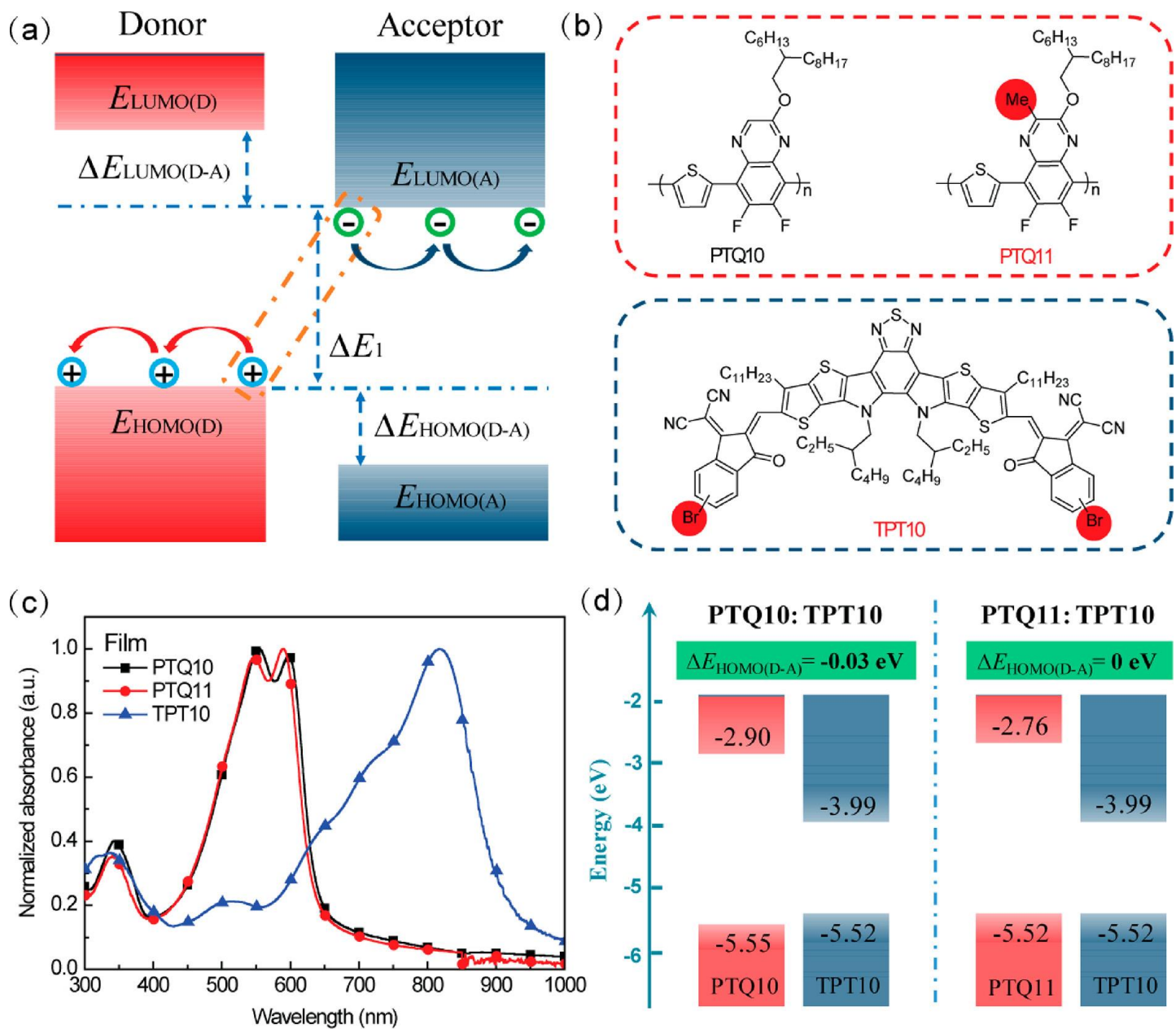
Chemical Structure:



Appearance:	Shine purple-black solid
Assay:	99+% (NMR)
Solubility:	Soluble in selected organic solvents
Reference:	J. Am. Chem. Soc. 2020, 142, 1465–1474

## TPT10: a perfect match with PTQ11

Reference Data Selection:



## TPT10: a perfect match with PTQ11

Reference : <https://doi.org/10.1039/D0TA04941G>

