1-Material Inc
2290 Chemin St-Francois
Dorval, Quebec
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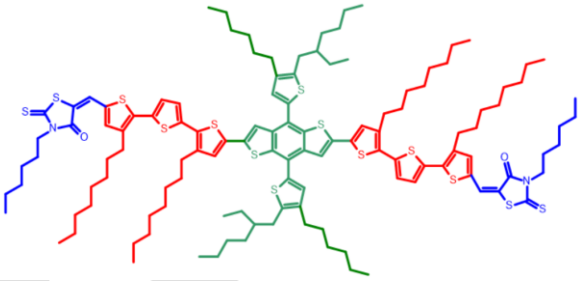
Organic Nano Electronic (ONE=1) Materials for these who understand quality

Certificate of Analysis

1M Material:	OS0093
Common Name:	BTR
Chemical Name:	5,5'-[[4,8-bis[5-(2-ethylhexyl)-4-hexyl-2-thienyl]benzo[1,2-*b*:4,5-*b*']dithiophene-2,6-diyl]bis[(3',3"-dihexyl[2,2':5',2"-terthiophene]-5",5-diyl)methylidyne]]bis[3-hexyl-2-thioxo-4-thiazolidinone]
CAS#:	2041283-06-9



Lot#:	DW8003P1
Appearance:	Purple-brown granule
Assay (by NMR):	99+ %
Solubility:	Soluble in chloroform, CB and ODCB
Application:	Electron acceptor for OPV
	HOMO = -5.5eV, LUMO=-4.1eV
References:	Nature Communications: 6:6013, **2015**
	ACS Appl. Mater. Interfaces **2017**, 9, 39519-39525
	J. Mater. Chem. A, **2018**, 6, 5618

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