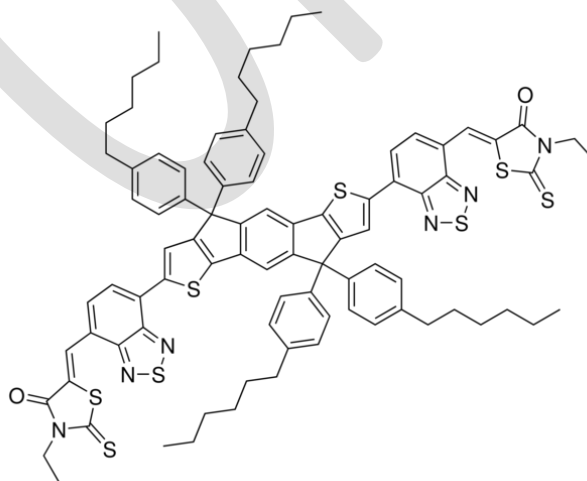


CERTIFICATE OF ANALYSIS

Product: OS1913
Common Name: IDT2BR, IDT-2BR
CAS Number: 2042521-91-3
Chemical Name: 5,5'-[[4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-*s*-indaceno[1,2-*b*:5,6-*b'*]dithiophene-2,7-diyl]bis(2,1,3-benzothiadiazole-7,4-diylmethylidyne)]bis[3-ethyl-2-thioxo-4-thiazolidinone]
Chemical Formula: C₈₈ H₈₈ N₆ O₂ S₈
Molecular Weight: 1518.20
Chemical Structure



Lot: DW5180P
Apperance: Solid, dark brown to black
NMR: Confirmed
Assay: 99% (by NMR)
Solubility: Soluble in chloroform, CB, ODCB and selected solvent.

Appendix-1 (NMR reference only)

