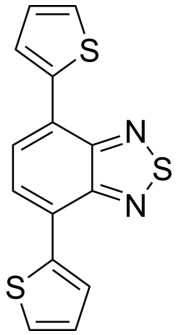
DTBT

Cat. No.:	HY-114856
CAS No.:	165190-76-1
Molecular Formula:	$C_{14}H_8N_2S_3$
Molecular Weight:	300.42
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	DTBT is a six-membered heterocyclic ring that is commonly used in the preparation of organic electronic devices, such as P-type organic semiconductors (OFETs) and P-type organic photodiodes (OLEDs). DTBT has good performance in electron transmission and photoelectric conversion. DTBT polymerizes to form donor-acceptor polymers, which are used to prepare solar cells[1].

REFERENCES

[1]. Han L, et al. Novel donor-acceptor polymer containing 4,7-bis(thiophen-2-yl)benzo[c][1,2,5]thiadiazole for polymer solar cells with power conversion efficiency of 6.21%. Macromol Rapid Commun. 2014 Jun;35(12):1153-7.

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