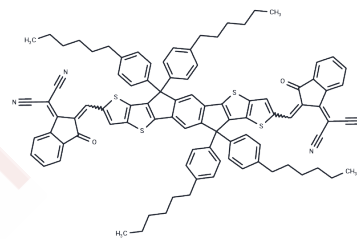


ITIC

Chemical Properties

CAS No. :	1664293-06-4
Formula:	C94H82N4O2S4
Molecular Weight:	1427.96
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	ITIC, a non-fullerene acceptor, demonstrates exceptional thermal stability and exhibits a glass-crystal transition at a significantly lower temperature than its high glass transition temperature (Tg) of 180 °C. Furthermore, ITIC, which is an indacenodithienothiophene-based postfullerene electron acceptor, displays a distinct crystallization behavior, differing substantially from that of fullerenes.
Targets(IC50)	Others,CXCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7003 mL	3.5015 mL	7.003 mL
5 mM	0.1401 mL	0.7003 mL	1.4006 mL
10 mM	0.070 mL	0.3501 mL	0.7003 mL
50 mM	0.014 mL	0.070 mL	0.1401 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Yu L, et al. Diffusion-Limited Crystallization: A Rationale for the Thermal Stability of Non-Fullerene Solar Cells. ACS Appl Mater Interfaces. 2019 Jun 19;11(24):21766-21774.

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