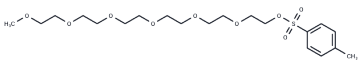
Data Sheet (Cat.No.T15918)

TargetMol

m-PEG6-Tos

Chemical Properties



CAS No. : 155887-96-0

Formula: C20H34O9S

Molecular Weight: 450.54

Storage: Keep away from direct sunlight
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	m-PEG6-Tos is a PEG-based linker for PROTACs, facilitating the formation of PROTAC molecules by joining two essential ligands. This linker enables selective protein degradation through the [ubiquitin-proteasome system] within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a connector: one ligand binds an E3 ubiquitin ligase, while the other targets a specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2196 mL	11.0978 mL	22.1956 mL
5 mM	0.4439 mL	2.2196 mL	4.4391 mL
10 mM	0.222 mL	1.1098 mL	2.2196 mL
50 mM	0.0444 mL	0.222 mL	0.4439 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

Snaebjornsson MT, et al. Non-canonical functions of enzymes facilitate cross-talk between cell metabolic and regulatory pathways. Exp Mol Med. 2018 Apr 16;50(4):34.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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