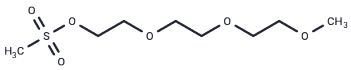
Data Sheet (Cat.No.T15861)

TargetMol

m-PEG3-OMs

Chemical Properties



CAS No. : 74654-05-0

Formula: C8H18O6S

Molecular Weight: 242.29

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-PEG3-OMs is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize a linker to connect two ligands: one binding to an E3 ubiquitin ligase and the other to the target protein, thereby leveraging the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1273 mL	20.6364 mL	41.2729 mL
5 mM	0.8255 mL	4.1273 mL	8.2546 mL
10 mM	0.4127 mL	2.0636 mL	4.1273 mL
50 mM	0.0825 mL	0.4127 mL	0.8255 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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