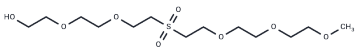
Data Sheet (Cat.No.T18188)

TargetMol

m-PEG3-Sulfone-PEG3

Chemical Properties



CAS No. : 1919045-00-3

Formula: C13H28O8S

Molecular Weight: 344.42

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-Sulfone-PEG3 is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the formation of PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together; one binds to an E3 ubiquitin ligase and the other to the target protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9034 mL	14.5172 mL	29.0343 mL
5 mM	0.5807 mL	2.9034 mL	5.8069 mL
10 mM	0.2903 mL	1.4517 mL	2.9034 mL
50 mM	0.0581 mL	0.2903 mL	0.5807 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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