Data Sheet (Cat.No.T18130)

TargetMol

m-PEG11-SH

Chemical Properties

CAS No. :

Formula: C23H48O11S

Molecular Weight: 532.69

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-PEG11-SH is a PEG-based linker for PROTACs, critical for combining two essential ligands necessary for PROTAC molecule formation. It facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker; one binds to an E3 ubiquitin ligase and the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8773 mL	9.3863 mL	18.7726 mL
5 mM	0.3755 mL	1.8773 mL	3.7545 mL
10 mM	0.1877 mL	0.9386 mL	1.8773 mL
50 mM	0.0375 mL	0.1877 mL	0.3755 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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