Data Sheet (Cat.No.T18225)

TargetMol

m-PEG9-C4-SH

Chemical Properties

CAS No. :

Formula: C23H48O9S

Molecular Weight: 500.69

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-PEG9-C4-SH is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands joined by a linker—one for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9972 mL	9.9862 mL	19.9724 mL
5 mM	0.3994 mL	1.9972 mL	3.9945 mL
10 mM	0.1997 mL	0.9986 mL	1.9972 mL
50 mM	0.0399 mL	0.1997 mL	0.3994 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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