Data Sheet (Cat.No.T18181)

TargetMol

m-PEG3-S-PEG2-OH

Chemical Properties

CAS No. : 2173095-09-3

Formula: C13H28O6S

Molecular Weight: 312.42

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-S-PEG2-OH is a PEG-based linker for PROTACs, facilitating the connection of two essential ligands necessary for forming PROTAC molecules, thereby enabling selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2008 mL	16.0041 mL	32.0082 mL
5 mM	0.6402 mL	3.2008 mL	6.4016 mL
10 mM	0.3201 mL	1.6004 mL	3.2008 mL
50 mM	0.064 mL	0.3201 mL	0.6402 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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