Data Sheet (Cat.No.T18156)

TargetMol

m-PEG16-SH

Chemical Properties

CAS No. : 874820-38-9

Formula: C33H68O16S

Molecular Weight: 752.95

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-PEG16-SH, a PEG-based linker for PROTACs, joins two essential ligands critical for forming PROTAC molecules and enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand binds to an E3 ubiquitin ligase, while the other targets a specific protein. These compounds harness the intracellular ubiquitin-proteasome system for selective protein degradation [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3281 mL	6.6405 mL	13.2811 mL
5 mM	0.2656 mL	1.3281 mL	2.6562 mL
10 mM	0.1328 mL	0.6641 mL	1.3281 mL
50 mM	0.0266 mL	0.1328 mL	0.2656 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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