Data Sheet (Cat.No.T18155)

TargetMol

m-PEG16-NH2

Chemical Properties

CAS No. : 907577-50-8

Formula: C33H69NO16

Molecular Weight: 735.9

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-NH2 is a PEG-based linker essential for PROTACs, joining two key ligands to facilitate selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase, while the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3589 mL	6.7944 mL	13.5888 mL
5 mM	0.2718 mL	1.3589 mL	2.7178 mL
10 mM	0.1359 mL	0.6794 mL	1.3589 mL
50 mM	0.0272 mL	0.1359 mL	0.2718 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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