Data Sheet (Cat.No.T18158)

TargetMol

m-PEG17-Hydrazide

Chemical Properties

CAS No. :

Formula: C36H74N2O18

Molecular Weight: 822.98

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-PEG17-Hydrazide is a PEG-based linker for PROTACs, essential for joining two ligands to form PROTAC molecules. This linker facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands joined by a linker—one targeting an E3 ubiquitin ligase and the other targeting a specific protein—leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2151 mL	6.0755 mL	12.151 mL
5 mM	0.243 mL	1.2151 mL	2.4302 mL
10 mM	0.1215 mL	0.6075 mL	1.2151 mL
50 mM	0.0243 mL	0.1215 mL	0.243 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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