Data Sheet (Cat.No.T18149)

TargetMol

m-PEG15-alcohol

Chemical Properties

CAS No. : 2258654-78-1

Formula: C31H64O16

Molecular Weight: 692.83

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-PEG15-alcohol is a PEG-based linker for PROTACs, joining two essential ligands [crucial 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 are composed of two distinct ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4434 mL	7.2168 mL	14.4336 mL
5 mM	0.2887 mL	1.4434 mL	2.8867 mL
10 mM	0.1443 mL	0.7217 mL	1.4434 mL
50 mM	0.0289 mL	0.1443 mL	0.2887 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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