

Benzyl-PEG24-MS

Chemical Properties

CAS No. :	2218463-20-6
Formula:	C56H106O27S
Molecular Weight:	1243.5
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Benzyl-PEG24-MS is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, which contain two distinct ligands—one for an E3 ubiquitin ligase and the other for the target protein—are designed to utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8042 mL	4.0209 mL	8.0418 mL
5 mM	0.1608 mL	0.8042 mL	1.6084 mL
10 mM	0.0804 mL	0.4021 mL	0.8042 mL
50 mM	0.0161 mL	0.0804 mL	0.1608 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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