

Benzyl-PEG6-MS

Chemical Properties

CAS No. : 1262681-32-2

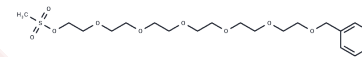
Formula: C₂₀H₃₄O₉S

Molecular Weight: 450.54

Keep away from direct sunlight

Storage: 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	Benzyl-PEG6-MS, a PEG-based linker for PROTACs, connects two essential ligands, facilitating the formation of PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2196 mL	11.0978 mL	22.1956 mL
5 mM	0.4439 mL	2.2196 mL	4.4391 mL
10 mM	0.222 mL	1.1098 mL	2.2196 mL
50 mM	0.0444 mL	0.222 mL	0.4439 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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