

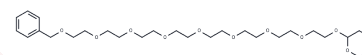
Benzyl-PEG8-THP

Chemical Properties

CAS No. : 1611489-00-9

Formula: C₂₈H₄₈O₁₀

Molecular Weight: 544.682



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-PEG8-THP is a PEG-based linker for PROTACs that joins two essential ligands, crucial for the formation of PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands connected by a linker—one for an E3 ubiquitin ligase and the other for the target protein—leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8359 mL	9.1797 mL	18.3594 mL
5 mM	0.3672 mL	1.8359 mL	3.6719 mL
10 mM	0.1836 mL	0.918 mL	1.8359 mL
50 mM	0.0367 mL	0.1836 mL	0.3672 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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