

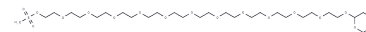
MS-PEG12-THP

Chemical Properties

CAS No. : 552886-58-5

Formula: C30H60O16S

Molecular Weight: 708.85



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	MS-PEG12-THP is a PEG-based linker for PROTACs, joining two essential ligands crucial for PROTAC molecule formation, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4107 mL	7.0537 mL	14.1074 mL
5 mM	0.2821 mL	1.4107 mL	2.8215 mL
10 mM	0.1411 mL	0.7054 mL	1.4107 mL
50 mM	0.0282 mL	0.1411 mL	0.2821 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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