

MS-PEG3-THP

Chemical Properties

CAS No. : 357204-84-3

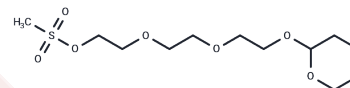
Formula: C₁₂H₂₄O₇S

Molecular Weight: 312.38

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-PEG3-THP is a PEG-based linker for PROTACs that joins two essential ligands, enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a connector: 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	3.2012 mL	16.0061 mL	32.0123 mL
5 mM	0.6402 mL	3.2012 mL	6.4025 mL
10 mM	0.3201 mL	1.6006 mL	3.2012 mL
50 mM	0.064 mL	0.3201 mL	0.6402 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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