

MS-PEG4-THP

Chemical Properties

CAS No. : 145927-73-7

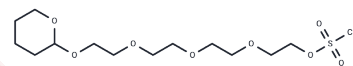
Formula: C₁₄H₂₈O₈S

Molecular Weight: 356.43

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-PEG4-THP is a PROTAC linker, which is a PEG type.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8056 mL	14.028 mL	28.056 mL
5 mM	0.5611 mL	2.8056 mL	5.6112 mL
10 mM	0.2806 mL	1.4028 mL	2.8056 mL
50 mM	0.0561 mL	0.2806 mL	0.5611 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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