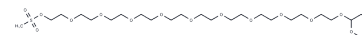


MS-PEG10-THP

Chemical Properties

CAS No. :	42607-91-0
Formula:	C ₂₆ H ₅₂ O ₁₄ S
Molecular Weight:	620.75
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	MS-PEG10-THP is a PEG-based linker for PROTACs, facilitating the connection of two essential ligands required for PROTAC molecule formation. This linker promotes selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase, while the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.611 mL	8.0548 mL	16.1095 mL
5 mM	0.3222 mL	1.611 mL	3.2219 mL
10 mM	0.1611 mL	0.8055 mL	1.611 mL
50 mM	0.0322 mL	0.1611 mL	0.3222 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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