

m-PEG2-Ms

Chemical Properties

CAS No. : 60696-83-5

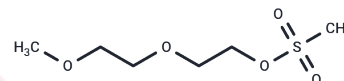
Formula: C₆H₁₄O₅S

Molecular Weight: 198.24

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	m-PEG2-Ms is a PEG-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together, one binding to an E3 ubiquitin ligase and the other to the target protein, thereby utilizing the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0444 mL	25.222 mL	50.4439 mL
5 mM	1.0089 mL	5.0444 mL	10.0888 mL
10 mM	0.5044 mL	2.5222 mL	5.0444 mL
50 mM	0.1009 mL	0.5044 mL	1.0089 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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