

Ms-PEG12-m

Chemical Properties

CAS No. : 1059604-93-1

Formula: C₂₆H₅₄O₁₅S

Molecular Weight: 638.76



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-m is a PEG-based linker for PROTACs that connects two essential ligands, facilitating selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, and the other binds the target protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5655 mL	7.8277 mL	15.6553 mL
5 mM	0.3131 mL	1.5655 mL	3.1311 mL
10 mM	0.1566 mL	0.7828 mL	1.5655 mL
50 mM	0.0313 mL	0.1566 mL	0.3131 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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