

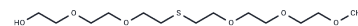
m-PEG3-S-PEG2-OH

Chemical Properties

CAS No. : 2173095-09-3

Formula: C13H28O6S

Molecular Weight: 312.42



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-PEG3-S-PEG2-OH is a PEG-based linker for PROTACs, facilitating the connection of two essential ligands necessary for forming PROTAC molecules, thereby enabling selective protein degradation by utilizing the ubiquitin-proteasome system within cells. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs comprise two distinct ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.2008 mL | 16.0041 mL | 32.0082 mL |
| 5 mM | 0.6402 mL | 3.2008 mL | 6.4016 mL |
| 10 mM | 0.3201 mL | 1.6004 mL | 3.2008 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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