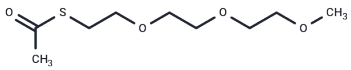
Data Sheet (Cat.No.T15864)

TargetMol

m-PEG3-S-Acetyl

Chemical Properties



CAS No. : 857284-78-7

Formula: C9H18O4S

Molecular Weight: 222.3

Storage: Keep away from direct sunlight
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-Acetyl is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules. This linker facilitates selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands linked together—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4984 mL	22.4921 mL	44.9843 mL
5 mM	0.8997 mL	4.4984 mL	8.9969 mL
10 mM	0.4498 mL	2.2492 mL	4.4984 mL
50 mM	0.090 mL	0.4498 mL	0.8997 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

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