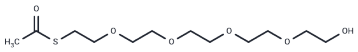
Data Sheet (Cat.No.T38390)

TargetMol

S-acetyl-PEG5-alcohol

Chemical Properties



CAS No. : 1000415-61-1

Formula: C12H24O6S

Molecular Weight: 296.38

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	S-acetyl-PEG5-alcohol is a PEG-based linker for PROTACs that joins two essential ligands, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.374 mL	16.8702 mL	33.7405 mL
5 mM	0.6748 mL	3.374 mL	6.7481 mL
10 mM	0.3374 mL	1.687 mL	3.374 mL
50 mM	0.0675 mL	0.3374 mL	0.6748 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

Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27 (8):998-1014.

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