

S-acetyl-PEG20-alcohol

Chemical Properties

CAS No. :

Formula: C42H84O21S

Molecular Weight: 957.17

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	S-acetyl-PEG20-alcohol is a PEG-based linker for PROTACs, joining two essential ligands and facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0447 mL	5.2237 mL	10.4475 mL
5 mM	0.2089 mL	1.0447 mL	2.0895 mL
10 mM	0.1045 mL	0.5224 mL	1.0447 mL
50 mM	0.0209 mL	0.1045 mL	0.2089 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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