

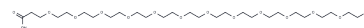
Hydroxy-PEG12-acid

Chemical Properties

CAS No. :

Formula: C27H54O15

Molecular Weight: 618.71



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	Hydroxy-PEG12-acid, a PEG-based linker for PROTACs, connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands linked together—one targeting an E3 ubiquitin ligase and the other the target protein—leverages the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6163 mL	8.0813 mL	16.1627 mL
5 mM	0.3233 mL	1.6163 mL	3.2325 mL
10 mM	0.1616 mL	0.8081 mL	1.6163 mL
50 mM	0.0323 mL	0.1616 mL	0.3233 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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