

H2N-PEG12-Hydrazide

Chemical Properties

CAS No. :

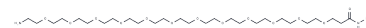
Formula: C27H57N3O13

Molecular Weight: 631.75

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	H2N-PEG12-Hydrazide is a PEG-based linker for PROTACs that 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 leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins by containing two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the specific protein [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5829 mL	7.9145 mL	15.829 mL
5 mM	0.3166 mL	1.5829 mL	3.1658 mL
10 mM	0.1583 mL	0.7915 mL	1.5829 mL
50 mM	0.0317 mL	0.1583 mL	0.3166 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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