

NH2-PEG8-OH

Chemical Properties

CAS No. : 352439-37-3

Formula: C16H35NO8

Molecular Weight: 369.45

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	NH2-PEG8-OH is a PEG-based linker for PROTACs that joins two essential ligands, facilitating selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker, one targeting an E3 ubiquitin ligase and the other the target protein. They exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7067 mL	13.5336 mL	27.0673 mL
5 mM	0.5413 mL	2.7067 mL	5.4135 mL
10 mM	0.2707 mL	1.3534 mL	2.7067 mL
50 mM	0.0541 mL	0.2707 mL	0.5413 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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