

NH-bis-PEG4

Chemical Properties

CAS No. : 63721-14-2

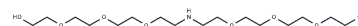
Formula: C16H35NO8

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	NH-bis-PEG4 is a PEG-based linker for PROTACs, joining two essential ligands crucial for forming PROTAC molecules, enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are bifunctional molecules comprising two distinct ligands connected by a linker; one ligand binds to an E3 ubiquitin ligase, while the other targets the specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of 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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