

Amino-PEG36-CH2-Boc

Chemical Properties

CAS No. :

Formula: C78H157NO38

Molecular Weight: 1717.07

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	Amino-PEG36-CH2-Boc is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the formation of PROTAC molecules. It enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase, and the other targets a specific protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5824 mL	2.9119 mL	5.8239 mL
5 mM	0.1165 mL	0.5824 mL	1.1648 mL
10 mM	0.0582 mL	0.2912 mL	0.5824 mL
50 mM	0.0116 mL	0.0582 mL	0.1165 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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