

Amino-PEG20-Boc

Chemical Properties

CAS No. :

Formula: C47H95NO22

Molecular Weight: 1026.25

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-PEG20-Boc, a PEG-based linker for PROTACs, connects two essential ligands critical for forming PROTAC molecules, enabling selective protein degradation by leveraging the [ubiquitin-proteasome system] within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9744 mL	4.8721 mL	9.7442 mL
5 mM	0.1949 mL	0.9744 mL	1.9488 mL
10 mM	0.0974 mL	0.4872 mL	0.9744 mL
50 mM	0.0195 mL	0.0974 mL	0.1949 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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