

## Amino-PEG12-CH2-Boc

## Chemical Properties

CAS No. :

Formula: C30H61NO14

Molecular Weight: 659.8



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-PEG12-CH2-Boc is a PEG-based linker for PROTACs, facilitating the connection of essential ligands necessary for PROTAC formation and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands connected by a linker—one binding an E3 ubiquitin ligase and the other targeting a specific protein—utilize the ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5156 mL	7.5781 mL	15.1561 mL
5 mM	0.3031 mL	1.5156 mL	3.0312 mL
10 mM	0.1516 mL	0.7578 mL	1.5156 mL
50 mM	0.0303 mL	0.1516 mL	0.3031 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.

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