

## Amino-PEG9-amido-C16-Boc

## Chemical Properties

CAS No. :

Formula: C42H84N2O12

Molecular Weight: 809.12

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-PEG9-amido-C16-Boc is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis-targeting chimeras (PROTACs) [1].
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 binds the desired protein, utilizing the intracellular ubiquitin-proteasome system for selective protein degradation[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2359 mL	6.1796 mL	12.3591 mL
5 mM	0.2472 mL	1.2359 mL	2.4718 mL
10 mM	0.1236 mL	0.618 mL	1.2359 mL
50 mM	0.0247 mL	0.1236 mL	0.2472 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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