

Amino-PEG9-amido-C16-Boc

Chemical Properties

CAS No. :

Formula: C42H84N2O12

Molecular Weight: 809.12

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Amino-PEG9-amido-C16-Boc is a polyethylene glycol (PEG)-based linker utilized for the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[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.

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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