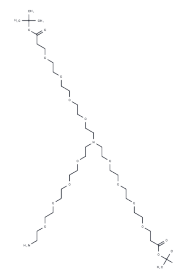


N-(Amino-PEG4)-N-bis(PEG4-Boc)

Chemical Properties

CAS No. :	2093153-97-8
Formula:	C40H80N2O16
Molecular Weight:	845.07
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N-(Amino-PEG4)-N-bis(PEG4-Boc) is a polyethylene glycol (PEG)-based linker utilized for the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1833 mL	5.9167 mL	11.8333 mL
5 mM	0.2367 mL	1.1833 mL	2.3667 mL
10 mM	0.1183 mL	0.5917 mL	1.1833 mL
50 mM	0.0237 mL	0.1183 mL	0.2367 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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