

N-(Azido-PEG4)-N-Boc-PEG4-Boc

Chemical Properties

CAS No. : 2112737-20-7

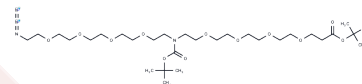
Formula: C30H58N4O12

Molecular Weight: 666.8

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	N-(Azido-PEG4)-N-Boc-PEG4-Boc is a polyethylene glycol (PEG) derived linker specifically designed for synthesizing proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4997 mL	7.4985 mL	14.997 mL
5 mM	0.2999 mL	1.4997 mL	2.9994 mL
10 mM	0.150 mL	0.7499 mL	1.4997 mL
50 mM	0.030 mL	0.150 mL	0.2999 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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