

N-(Boc-PEG3)-N-bis(PEG3-azide)

Chemical Properties

CAS No. : 2182602-15-7

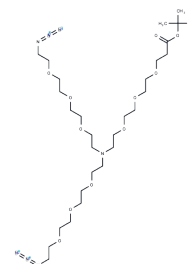
Formula: C₂₉H₅₇N₇O₁₁

Molecular Weight: 679.8

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-(Boc-PEG3)-N-bis(PEG3-azide) is a polyethylene glycol (PEG)-based linker specifically designed for the synthesis of proteolysis targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.471 mL	7.3551 mL	14.7102 mL
5 mM	0.2942 mL	1.471 mL	2.942 mL
10 mM	0.1471 mL	0.7355 mL	1.471 mL
50 mM	0.0294 mL	0.1471 mL	0.2942 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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