

N-(Azido-PEG2)-N-bis(PEG4-Boc)

Chemical Properties

CAS No. : 2112731-81-2

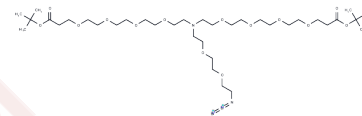
Formula: C₃₆H₇₀N₄O₁₄

Molecular Weight: 782.96

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-PEG2)-N-bis(PEG4-Boc) is a polyethylene glycol (PEG)-based PROTAC linker used for the efficient 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, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2772 mL	6.386 mL	12.772 mL
5 mM	0.2554 mL	1.2772 mL	2.5544 mL
10 mM	0.1277 mL	0.6386 mL	1.2772 mL
50 mM	0.0255 mL	0.1277 mL	0.2554 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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