

N-(Azido-PEG3)-N-bis(PEG4-Boc)

Chemical Properties

CAS No. : 2353409-58-0

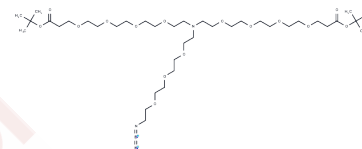
Formula: C₃₈H₇₄N₄O₁₅

Molecular Weight: 827.01

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-PEG3)-N-bis(PEG4-Boc) is a polyethylene glycol (PEG) derivative designed specifically as a linker for PROteolysis TARgeting Chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2092 mL	6.0459 mL	12.0918 mL
5 mM	0.2418 mL	1.2092 mL	2.4184 mL
10 mM	0.1209 mL	0.6046 mL	1.2092 mL
50 mM	0.0242 mL	0.1209 mL	0.2418 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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