

N-(Azido-PEG3)-N-(PEG2-NH-Boc)-PEG3-acid

Chemical Properties

CAS No. : 2183440-74-4

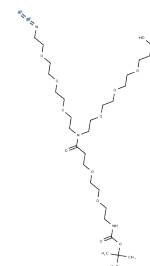
Formula: C₂₉H₅₅N₅O₁₃

Molecular Weight: 681.77

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-(PEG2-NH-Boc)-PEG3-acid is a polyethylene glycol (PEG)-based linker used in the development of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binding to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4668 mL	7.3339 mL	14.6677 mL
5 mM	0.2934 mL	1.4668 mL	2.9335 mL
10 mM	0.1467 mL	0.7334 mL	1.4668 mL
50 mM	0.0293 mL	0.1467 mL	0.2934 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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