

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

Chemical Properties

CAS No. : 2086689-01-0

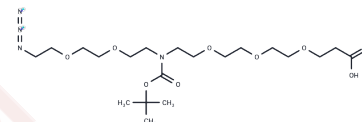
Formula: C₂₀H₃₈N₄O₉

Molecular Weight: 478.54

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-Boc-PEG3-acid is a polyethylene glycol (PEG)-derived linker compound specifically designed for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs feature two distinct ligands linked together: one targeting an E3 ubiquitin ligase and the other the target protein. Utilizing the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0897 mL	10.4484 mL	20.8969 mL
5 mM	0.4179 mL	2.0897 mL	4.1794 mL
10 mM	0.209 mL	1.0448 mL	2.0897 mL
50 mM	0.0418 mL	0.209 mL	0.4179 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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