

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

Chemical Properties

CAS No. : 2112731-95-8

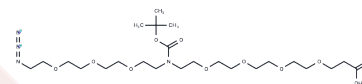
Formula: C₂₄H₄₆N₄O₁₁

Molecular Weight: 566.64

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-Boc-PEG4-acid is a PEG-based PROTAC linker with a terminal azide group, primarily used in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together, one binding to an E3 ubiquitin ligase and the other to the target protein, utilizing the intracellular ubiquitin-proteasome system to selectively degrade target proteins (PROTACs).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7648 mL	8.8239 mL	17.6479 mL
5 mM	0.353 mL	1.7648 mL	3.5296 mL
10 mM	0.1765 mL	0.8824 mL	1.7648 mL
50 mM	0.0353 mL	0.1765 mL	0.353 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

Kanazaki K, et al. Feasibility of poly(ethylene glycol) derivatives as diagnostic drug carriers for tumor imaging. J Control Release. 2016 Mar 28;226:115-23.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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