

N-Boc-N-bis(C2-PEG1-azide)

Chemical Properties

CAS No. : 2100306-79-2

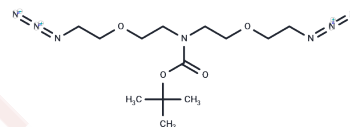
Formula: C₁₃H₂₅N₇O₄

Molecular Weight: 343.38

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-Boc-N-bis(C2-PEG1-azide) is an alkyl/ether-based PROTAC linker suitable for synthesizing PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade these target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9122 mL	14.5611 mL	29.1223 mL
5 mM	0.5824 mL	2.9122 mL	5.8245 mL
10 mM	0.2912 mL	1.4561 mL	2.9122 mL
50 mM	0.0582 mL	0.2912 mL	0.5824 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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