

N-Boc-N-bis(PEG4-azide)

Chemical Properties

CAS No. : 2055041-25-1

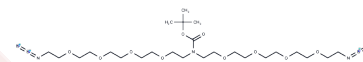
Formula: C₂₅H₄₉N₇O₁₀

Molecular Weight: 607.7

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(PEG4-azide) is a PEG-based PROTAC linker used in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to specifically degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6455 mL	8.2277 mL	16.4555 mL
5 mM	0.3291 mL	1.6455 mL	3.2911 mL
10 mM	0.1646 mL	0.8228 mL	1.6455 mL
50 mM	0.0329 mL	0.1646 mL	0.3291 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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