

N-(PEG2-Boc)-N-bis(PEG2-propargyl)

Chemical Properties

CAS No. : 2100306-69-0

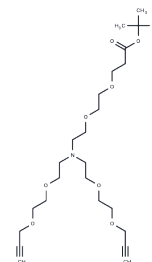
Formula: C₂₅H₄₃N₀₈

Molecular Weight: 485.61

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-(PEG2-Boc)-N-bis(PEG2-propargyl) is a polyethylene glycol (PEG)-based PROTAC linker utilized in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands linked together—one for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0593 mL	10.2963 mL	20.5927 mL
5 mM	0.4119 mL	2.0593 mL	4.1185 mL
10 mM	0.2059 mL	1.0296 mL	2.0593 mL
50 mM	0.0412 mL	0.2059 mL	0.4119 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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