

N-(Boc-PEG3)-N-bis(PEG2-alcohol)

Chemical Properties

CAS No. : 2055042-60-7

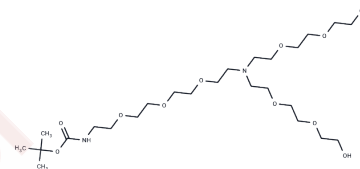
Formula: C₂₅H₅₂N₂O₁₁

Molecular Weight: 556.69

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-PEG3)-N-bis(PEG2-alcohol) is a polyethylene glycol (PEG) based linker commonly used in the synthesis of proteolysis-targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together; one targets an E3 ubiquitin ligase, and the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7963 mL	8.9817 mL	17.9633 mL
5 mM	0.3593 mL	1.7963 mL	3.5927 mL
10 mM	0.1796 mL	0.8982 mL	1.7963 mL
50 mM	0.0359 mL	0.1796 mL	0.3593 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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