

N-(Hydroxy-PEG3)-N-bis(PEG4-Boc)

Chemical Properties

CAS No. : 2112734-70-8

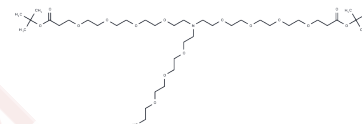
Formula: C₃₈H₇₅N₂O₁₆

Molecular Weight: 802

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-(Hydroxy-PEG3)-N-bis(PEG4-Boc) is a polyethylene glycol (PEG) derived PROTAC linker with potential applications in PROTAC synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands joined by a linker—one binding to an E3 ubiquitin ligase and the other to a target protein—harness the intracellular ubiquitin-proteasome system for selective protein degradation[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2469 mL	6.2344 mL	12.4688 mL
5 mM	0.2494 mL	1.2469 mL	2.4938 mL
10 mM	0.1247 mL	0.6234 mL	1.2469 mL
50 mM	0.0249 mL	0.1247 mL	0.2494 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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