

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

Chemical Properties

CAS No. :

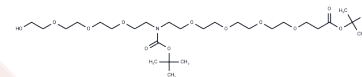
Formula: C₂₈H₅₅N₂O₁₂

Molecular Weight: 597.74

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-Boc-PEG4-Boc is a polyethylene glycol (PEG) based linker used in the synthesis of PROTACs (proteolysis targeting chimeras)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase and the other targets the protein of interest. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.673 mL	8.3648 mL	16.7297 mL
5 mM	0.3346 mL	1.673 mL	3.3459 mL
10 mM	0.1673 mL	0.8365 mL	1.673 mL
50 mM	0.0335 mL	0.1673 mL	0.3346 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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