

NH-bis(C1-PEG1-Boc)

Chemical Properties

CAS No. : 2171072-53-8

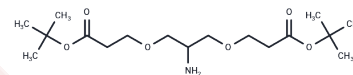
Formula: C17H33NO6

Molecular Weight: 347.45

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	NH-bis(C1-PEG1-Boc) is an alkyl/ether-based PROTAC linker used for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand binds to an E3 ubiquitin ligase, while the other targets the protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8781 mL	14.3906 mL	28.7811 mL
5 mM	0.5756 mL	2.8781 mL	5.7562 mL
10 mM	0.2878 mL	1.4391 mL	2.8781 mL
50 mM	0.0576 mL	0.2878 mL	0.5756 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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