

Boc-Aminoxy-PEG4-CH2-Boc

Chemical Properties

CAS No. : 2062663-63-0

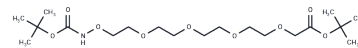
Formula: C19H37NO9

Molecular Weight: 423.5

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	Boc-Aminoxy-PEG4-CH2-Boc is a PEG-based linker used in the synthesis of PROTACs [Proteolysis Targeting Chimeras].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs incorporate two distinct ligands joined by a linker: one targeting an E3 ubiquitin ligase and the other binding to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3613 mL	11.8064 mL	23.6128 mL
5 mM	0.4723 mL	2.3613 mL	4.7226 mL
10 mM	0.2361 mL	1.1806 mL	2.3613 mL
50 mM	0.0472 mL	0.2361 mL	0.4723 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

Zhao B, et al. Protein Engineering in the Ubiquitin System: Tools for Discovery and Beyond. Pharmacol Rev. 2020 Apr;72(2):380-413.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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