

Boc-Aminooxy-PEG5-amine

Chemical Properties

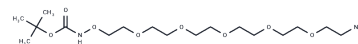
CAS No. : 2250216-94-3

Formula: C17H36N2O8

Molecular Weight: 396.48

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Boc-Aminooxy-PEG5-amine is a polyethylene glycol (PEG)-based PROTAC linker for the synthesis of PROTACs.
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5222 mL	12.611 mL	25.222 mL
5 mM	0.5044 mL	2.5222 mL	5.0444 mL
10 mM	0.2522 mL	1.2611 mL	2.5222 mL
50 mM	0.0504 mL	0.2522 mL	0.5044 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.

Reference

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

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