

Boc-Aminoxy-PEG5-amine

Chemical Properties

CAS No. : 2250216-94-3

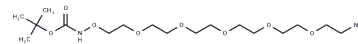
Formula: C17H36N2O8

Molecular Weight: 396.48

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-PEG5-amine is a polyethylene glycol (PEG)-based linker utilized in the synthesis of PROTACs (Proteolysis Targeting Chimeras).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, which contain two ligands connected by a linker—one for an E3 ubiquitin ligase and the other for the target protein—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.

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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481