

## Boc-Aminoxy-PEG4-NH2

## Chemical Properties

CAS No. : 2062663-66-3

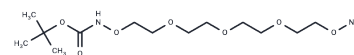
Formula: C13H28N2O7

Molecular Weight: 324.37

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-NH2, a PEG-based linker for PROTACs, facilitates the formation of PROTAC molecules by joining two essential ligands and enables selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two distinct ligands linked together, with one targeting an E3 ubiquitin ligase and the other binding to a specific target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade these target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0829 mL	15.4145 mL	30.829 mL
5 mM	0.6166 mL	3.0829 mL	6.1658 mL
10 mM	0.3083 mL	1.5414 mL	3.0829 mL
50 mM	0.0617 mL	0.3083 mL	0.6166 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

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