

## Boc-NH-PEG15-NH2

## Chemical Properties

CAS No. : 2222566-55-2

Formula: C37H76N2O17

Molecular Weight: 821

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-NH-PEG15-NH2 is a PEG-based linker for PROTACs that joins two essential ligands, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, while the other targets the specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.218 mL	6.0901 mL	12.1803 mL
5 mM	0.2436 mL	1.218 mL	2.4361 mL
10 mM	0.1218 mL	0.609 mL	1.218 mL
50 mM	0.0244 mL	0.1218 mL	0.2436 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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