

## Boc-NH-PPG2

## Chemical Properties

CAS No. : 1312905-31-9

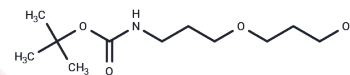
Formula: C<sub>11</sub>H<sub>23</sub>N<sub>O</sub><sub>4</sub>

Molecular Weight: 233.3046

Storage: Keep away from direct sunlight

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-PPG2 is a alkyl/ether-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, which consist of two distinct ligands joined by a linker—one ligand for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2863 mL	21.4316 mL	42.8633 mL
5 mM	0.8573 mL	4.2863 mL	8.5727 mL
10 mM	0.4286 mL	2.1432 mL	4.2863 mL
50 mM	0.0857 mL	0.4286 mL	0.8573 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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