

## Methylamino-PEG1-Boc

## Chemical Properties

CAS No. : 1807521-03-4

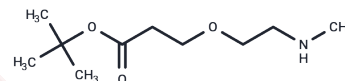
Formula: C10H21NO3

Molecular Weight: 203.28

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	Methylamino-PEG1-Boc is a PEG-based linker for PROTACs, which connects two essential ligands essential for forming PROTAC molecules, enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase, while the other targets the specific protein, leveraging the ubiquitin-proteasome system for selective protein degradation [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9193 mL	24.5966 mL	49.1932 mL
5 mM	0.9839 mL	4.9193 mL	9.8386 mL
10 mM	0.4919 mL	2.4597 mL	4.9193 mL
50 mM	0.0984 mL	0.4919 mL	0.9839 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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