

## Propargyl-PEG1-Boc

## Chemical Properties

CAS No. : 488150-84-1

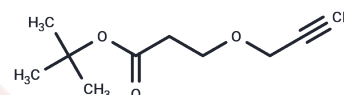
Formula: C<sub>10</sub>H<sub>16</sub>O<sub>3</sub>

Molecular Weight: 184.2322

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	Propargyl-PEG1-Boc is an alkyl/ether-based linker utilized in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together; one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.428 mL	27.140 mL	54.280 mL
5 mM	1.0856 mL	5.428 mL	10.856 mL
10 mM	0.5428 mL	2.714 mL	5.428 mL
50 mM	0.1086 mL	0.5428 mL	1.0856 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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