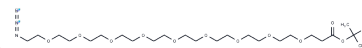


## Azido-PEG9-Boc

## Chemical Properties

CAS No. :	1818294-43-7
Formula:	C <sub>25</sub> H <sub>49</sub> N <sub>3</sub> O <sub>11</sub>
Molecular Weight:	567.67
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Azido-PEG9-Boc is a PEG-based linker for PROTACs, joining two essential ligands crucial for forming PROTAC molecules, and enabling selective protein degradation by leveraging 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 and the other targets the specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7616 mL	8.8079 mL	17.6159 mL
5 mM	0.3523 mL	1.7616 mL	3.5232 mL
10 mM	0.1762 mL	0.8808 mL	1.7616 mL
50 mM	0.0352 mL	0.1762 mL	0.3523 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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