

## Azide-PEG9-amido-C12-Boc

## Chemical Properties

CAS No. :

Formula: C<sub>38</sub>H<sub>74</sub>N<sub>4</sub>O<sub>12</sub>

Molecular Weight: 779.01



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   | Azide-PEG9-amido-C12-Boc is a polyethylene glycol (PEG)-based proteolysis targeting chimera (PROTAC) linker utilized in PROTAC synthesis[1].  |
| Targets(IC50) | Others,PROTAC Linker  |
| In vitro      | PROTACs consist of two distinct ligands linked by a connector; one ligand binds to an E3 ubiquitin ligase, while the other binds to the target protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1]. |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.2837 mL | 6.4184 mL | 12.8368 mL |
| 5 mM  | 0.2567 mL | 1.2837 mL | 2.5674 mL  |
| 10 mM | 0.1284 mL | 0.6418 mL | 1.2837 mL  |
| 50 mM | 0.0257 mL | 0.1284 mL | 0.2567 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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