

Azide-PEG9-amido-C4-Boc

Chemical Properties

CAS No. :

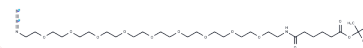
Formula: C30H58N4O12

Molecular Weight: 666.8

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-C4-Boc is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1]. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs, composed of two ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 1.4997 mL | 7.4985 mL | 14.997 mL |
| 5 mM | 0.2999 mL | 1.4997 mL | 2.9994 mL |
| 10 mM | 0.150 mL | 0.7499 mL | 1.4997 mL |
| 50 mM | 0.030 mL | 0.150 mL | 0.2999 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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