

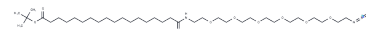
## Azide-PEG6-amido-C16-Boc

## Chemical Properties

CAS No. :

Formula: C36H70N4O9

Molecular Weight: 702.96



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-PEG6-amido-C16-Boc is an alkyl/ether-based PROTAC linker used in PROTAC synthesis[1].  |
| Targets(IC50) | Others,PROTAC Linker   |
| In vitro      | PROTACs, consisting of two ligands joined by a linker—one for an E3 ubiquitin ligase and one for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.4226 mL | 7.1128 mL | 14.2256 mL |
| 5 mM  | 0.2845 mL | 1.4226 mL | 2.8451 mL  |
| 10 mM | 0.1423 mL | 0.7113 mL | 1.4226 mL  |
| 50 mM | 0.0285 mL | 0.1423 mL | 0.2845 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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