

## Boc-aminoxy-amide-PEG4-propargyl

## Chemical Properties

CAS No. : 2253965-01-2

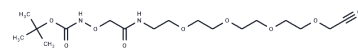
Formula: C<sub>18</sub>H<sub>32</sub>N<sub>2</sub>O<sub>8</sub>

Molecular Weight: 404.46

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   | Boc-aminoxy-amide-PEG4-propargyl is a non-cleavable 4-unit polyethylene glycol (PEG) linker commonly used in the synthesis of antibody-drug conjugates (ADCs)[1]. |
| Targets(IC50) | ADC Linker,PROTAC Linker  |
| In vitro      | ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.4724 mL | 12.3622 mL | 24.7243 mL |
| 5 mM  | 0.4945 mL | 2.4724 mL  | 4.9449 mL  |
| 10 mM | 0.2472 mL | 1.2362 mL  | 2.4724 mL  |
| 50 mM | 0.0494 mL | 0.2472 mL  | 0.4945 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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