

Propargyl-O-C1-amido-PEG3-C2-NHS ester

Chemical Properties

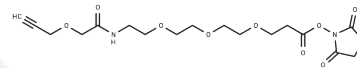
CAS No. : 2101206-78-2

Formula: C₁₈H₂₆N₂O₉

Molecular Weight: 414.411

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 | Propargyl-O-C1-amido-PEG3-C2-NHS ester is a non-cleavable 3-unit polyethylene glycol (PEG) linker utilized in the chemical synthesis of antibody-drug conjugates (ADCs). |
| Targets(IC50) | ADC Linker |
| In vitro | ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4131 mL | 12.0653 mL | 24.1307 mL |
| 5 mM | 0.4826 mL | 2.4131 mL | 4.8261 mL |
| 10 mM | 0.2413 mL | 1.2065 mL | 2.4131 mL |
| 50 mM | 0.0483 mL | 0.2413 mL | 0.4826 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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