

DBCO-PEG3 acetic-EVCit-PAB

Chemical Properties

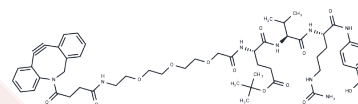
CAS No. : 2253947-17-8

Formula: C54H72N8O13

Molecular Weight: 1041.2

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 | DBCO-PEG3 acetic-EVCit-PAB, a cleavable 3-unit PEG ADC linker, plays a crucial role in the synthesis of antibody-drug conjugates (ADCs) [1]. This compound features a DBCO group, enabling it to engage in strain-promoted alkyne-azide cycloaddition (SPAAC) with azide-bearing molecules, and is also utilized as a click chemistry reagent. |
| Targets(IC50) | ADC Linker |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.9604 mL | 4.8022 mL | 9.6043 mL |
| 5 mM | 0.1921 mL | 0.9604 mL | 1.9209 mL |
| 10 mM | 0.096 mL | 0.4802 mL | 0.9604 mL |
| 50 mM | 0.0192 mL | 0.096 mL | 0.1921 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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