

DBCO-Val-Cit-PABC-PNP

Chemical Properties

CAS No. :

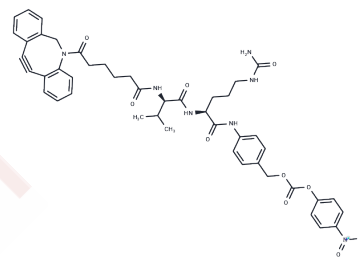
Formula: C46H49N7O10

Molecular Weight: 859.92

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 | DBCO-Val-Cit-PABC-PNP is a cleavable linker used in the synthesis of antibody-drug conjugates (ADC) [1]. |
| Targets(IC50) | ADC Linker,PROTAC 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 | 1.1629 mL | 5.8145 mL | 11.629 mL |
| 5 mM | 0.2326 mL | 1.1629 mL | 2.3258 mL |
| 10 mM | 0.1163 mL | 0.5814 mL | 1.1629 mL |
| 50 mM | 0.0233 mL | 0.1163 mL | 0.2326 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481