

DBCO-C6-acid

Chemical Properties

CAS No. : 1425485-72-8

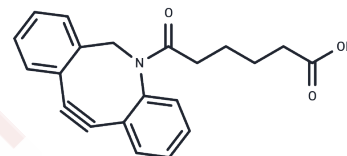
Formula: C₂₁H₁₉NO₃

Molecular Weight: 333.38

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-C6-acid is a non-cleavable linker used in the synthesis of antibody-drug conjugates (ADCs) and carmaphycin analogues[1]. |
| Targets(IC50) | ADC Linker,PROTAC Linker |
| In vitro | ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9996 mL | 14.9979 mL | 29.9958 mL |
| 5 mM | 0.5999 mL | 2.9996 mL | 5.9992 mL |
| 10 mM | 0.300 mL | 1.4998 mL | 2.9996 mL |
| 50 mM | 0.060 mL | 0.300 mL | 0.5999 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

Almaliti J, et al. Exploration of the carmaphycins as payloads in antibody drug conjugate anticancer agents.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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