

Methyltetrazine-DBCO

Chemical Properties

CAS No. : 1802238-48-7

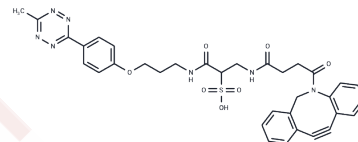
Formula: C₃₄H₃₃N₇O₇S

Molecular Weight: 683.73

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 | Methyltetrazine-DBCO is a non-cleavable linker used in the synthesis of antibody-drug conjugates (ADCs) [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 | 1.4626 mL | 7.3128 mL | 14.6257 mL |
| 5 mM | 0.2925 mL | 1.4626 mL | 2.9251 mL |
| 10 mM | 0.1463 mL | 0.7313 mL | 1.4626 mL |
| 50 mM | 0.0293 mL | 0.1463 mL | 0.2925 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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