

## DBCO-CONH-S-S-NHS ester

## Chemical Properties

CAS No. : 1435934-53-4

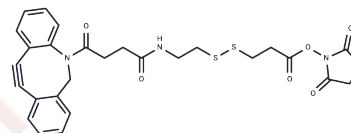
Formula: C<sub>28</sub>H<sub>27</sub>N<sub>3</sub>O<sub>6</sub>S<sub>2</sub>

Molecular Weight: 565.66

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-CONH-S-S-NHS ester is a disulfide-linked ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1]. |
| Targets(IC50) | ADC Linker,PROTAC Linker  |
| In vitro      | ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.7678 mL | 8.8392 mL | 17.6785 mL |
| 5 mM  | 0.3536 mL | 1.7678 mL | 3.5357 mL  |
| 10 mM | 0.1768 mL | 0.8839 mL | 1.7678 mL  |
| 50 mM | 0.0354 mL | 0.1768 mL | 0.3536 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481