

## DBCO-SS-aldehyde

## Chemical Properties

CAS No. :

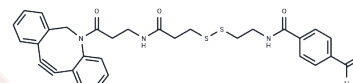
Formula: C<sub>31</sub>H<sub>29</sub>N<sub>3</sub>O<sub>4</sub>S<sub>2</sub>

Molecular Weight: 571.71

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-SS-aldehyde is an ADC linker employed for ADC synthesis[1]. This cleavable linker is designed to facilitate the conjugation of antibodies and drugs, resulting in antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody connected to a cytotoxin via a specific ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7491 mL	8.7457 mL	17.4914 mL
5 mM	0.3498 mL	1.7491 mL	3.4983 mL
10 mM	0.1749 mL	0.8746 mL	1.7491 mL
50 mM	0.035 mL	0.1749 mL	0.3498 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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