

DBCO-SS-amine

Chemical Properties

CAS No. : 2742923-58-4

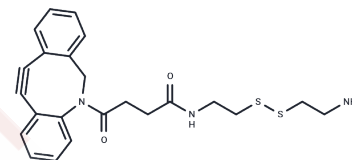
Formula: C₂₃H₂₅N₃O₂S₂

Molecular Weight: 439.59

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-amine is a cleavable linker essential in ADC synthesis, facilitating the attachment of cytotoxic drugs to antibodies for targeted delivery to cells or proteins. Its cleavable nature allows for controlled drug release, enhancing the effectiveness of ADCs (antibody-drug conjugates).
Targets(IC50)	Others,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	2.2748 mL	11.3742 mL	22.7485 mL
5 mM	0.455 mL	2.2748 mL	4.5497 mL
10 mM	0.2275 mL	1.1374 mL	2.2748 mL
50 mM	0.0455 mL	0.2275 mL	0.455 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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