

DBCO-SS-amine

## Chemical Properties

CAS No.:	T17812
Formula:	C <sub>23</sub> H <sub>25</sub> N <sub>3</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	439.59
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

## Biological Description

Description	DBCO-SS-amine is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC <sub>50</sub> )	Cleavable: None
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.275 mL	11.374 mL	22.748 mL
5 mM	0.455 mL	2.275 mL	4.55 mL
10 mM	0.227 mL	1.137 mL	2.275 mL
50 mM	0.045 mL	0.227 mL	0.455 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

### Reference

1. 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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