

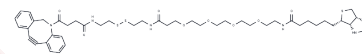
## DBCO-SS-PEG4-Biotin

## Chemical Properties

CAS No. :

Formula: C45H62N6O9S3

Molecular Weight: 927.2



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-PEG4-Biotin, a cleavable, mid-functional ADC linker with a 4-unit PEG moiety, is used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody linked to a cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0785 mL	5.3926 mL	10.7852 mL
5 mM	0.2157 mL	1.0785 mL	2.157 mL
10 mM	0.1079 mL	0.5393 mL	1.0785 mL
50 mM	0.0216 mL	0.1079 mL	0.2157 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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