

DBCO-SS-PEG4-Biotin

Chemical Properties

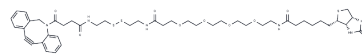
CAS No. :

Formula: C45H62N6O9S3

Molecular Weight: 927.2

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	DBCO-SS-PEG4-Biotin is a cleavable link mid-functional ADC linker composed of a 4-unit PEG moiety. It finds utility in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	Others
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through 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.

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:36 Washington Street,Wellesley Hills,MA 02481