

DBCO-PEG3-TCO

Chemical Properties

CAS No. :

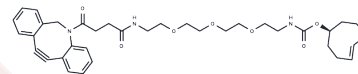
Formula: C₃₆H₄₅N₃O₇

Molecular Weight: 631.76

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-PEG3-TCO is a non-cleavable three-unit polyethylene glycol (PEG) linker employed for synthesizing antibody-drug conjugates (ADCs) [1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody linked to a cytotoxic agent via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5829 mL	7.9144 mL	15.8288 mL
5 mM	0.3166 mL	1.5829 mL	3.1658 mL
10 mM	0.1583 mL	0.7914 mL	1.5829 mL
50 mM	0.0317 mL	0.1583 mL	0.3166 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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