

DBCO-PEG4-SS-TCO

Chemical Properties

CAS No. :

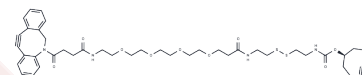
Formula: C43H58N4O9S2

Molecular Weight: 839.07

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-PEG4-SS-TCO is a cleavable 4-unit polyethylene glycol (PEG) linker crucial for the synthesis of antibody-drug conjugates (ADCs)[1], facilitating the connection of the drug payload to the antibody and enabling targeted drug delivery.
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody linked to a cytotoxin via a specific linker (ADC linker)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1918 mL	5.959 mL	11.918 mL
5 mM	0.2384 mL	1.1918 mL	2.3836 mL
10 mM	0.1192 mL	0.5959 mL	1.1918 mL
50 mM	0.0238 mL	0.1192 mL	0.2384 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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