

## DBCO-PEG4-VA-PBD

## Chemical Properties

CAS No. : 2241644-09-5

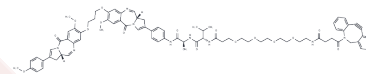
Formula: C80H87N9O16

Molecular Weight: 1430.6

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-VA-PBD is a cleavable 4-unit PEG ADC linker utilized in antibody-drug conjugate (ADC) synthesis [1].
Targets(IC50)	Drug-Linker Conjugates for ADC,PROTAC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.699 mL	3.495 mL	6.9901 mL
5 mM	0.1398 mL	0.699 mL	1.398 mL
10 mM	0.0699 mL	0.3495 mL	0.699 mL
50 mM	0.014 mL	0.0699 mL	0.1398 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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