

## APN-PEG4-DBCO

## Chemical Properties

CAS No. :

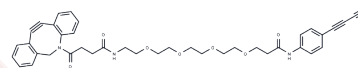
Formula: C39H40N4O7

Molecular Weight: 676.76

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	APN-PEG4-DBCO is a cleavable linker for antibody-drug conjugates (ADCs), consisting of a four-unit PEG and a DBCO moiety, used in ADC synthesis[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4776 mL	7.3881 mL	14.7763 mL
5 mM	0.2955 mL	1.4776 mL	2.9553 mL
10 mM	0.1478 mL	0.7388 mL	1.4776 mL
50 mM	0.0296 mL	0.1478 mL	0.2955 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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