

## DBCO-PEG4-acetic-Val-Cit-PAB

## Chemical Properties

CAS No. :

Formula: C45H57N7O10

Molecular Weight: 855.97

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-acetic-Val-Cit-PAB is a cleavable tetraethylene glycol-based linker for antibody-drug conjugate (ADC) synthesis, featuring a dibenzocyclooctyne group, an acetic acid moiety, a valine-citrulline dipeptide, and a p-aminobenzyl alcohol end.
Targets(IC50)	ADC 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	1.1683 mL	5.8413 mL	11.6827 mL
5 mM	0.2337 mL	1.1683 mL	2.3365 mL
10 mM	0.1168 mL	0.5841 mL	1.1683 mL
50 mM	0.0234 mL	0.1168 mL	0.2337 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.

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