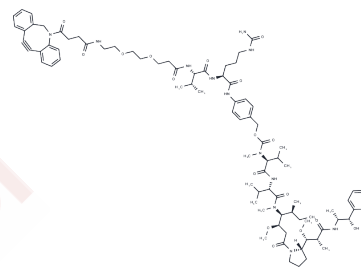


## DBCO-PEG2-Val-Cit-PAB-MMAE

## Chemical Properties

CAS No. :	2845934-59-8
Formula:	C84H120N12O17
Molecular Weight:	1569.92
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-PEG2-Val-Cit-PAB-MMAE is an ADC linker featuring a DBCO group, a Val-Cit dipeptide, a PAB moiety, and an MMAE payload. The DBCO group serves as a click chemistry handle that can react with azide groups, while the Val-Cit dipeptide is protease-cleavable, enabling the release of the MMAE payload into cells through an elimination mechanism.
Targets(IC50)	ADC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.637 mL	3.1849 mL	6.3698 mL
5 mM	0.1274 mL	0.637 mL	1.274 mL
10 mM	0.0637 mL	0.3185 mL	0.637 mL
50 mM	0.0127 mL	0.0637 mL	0.1274 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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