

## MC-VC-PAB-NH2

## Chemical Properties

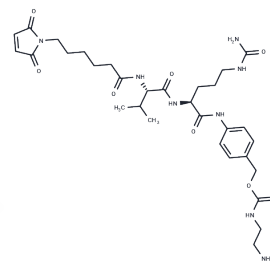
CAS No. : 1616727-20-8

Formula: C31H46N8O8

Molecular Weight: 658.757

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	MC-VC-PAB-NH2 is a cleavable linker crucial in ADC (antibody-drug conjugate) synthesis. It facilitates the attachment of cytotoxic drugs to antibodies, allowing targeted delivery to specific cells or proteins. Its cleavable nature ensures controlled drug release, thereby optimizing the effectiveness of ADCs.
Targets(IC50)	ADC 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	1.518 mL	7.590 mL	15.180 mL
5 mM	0.3036 mL	1.518 mL	3.036 mL
10 mM	0.1518 mL	0.759 mL	1.518 mL
50 mM	0.0304 mL	0.1518 mL	0.3036 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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