Data Sheet (Cat.No.T39087)



MC-VC-PAB-NH2

Chemical Properties

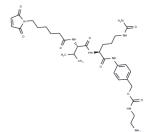
CAS No.: 1616727-20-8

Formula: C31H46N8O8

Molecular Weight: 658.757

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	MC-VC-PAB-NH2 is a cleavable linker vital in ADC synthesis. MC-VC-PAB-NH2 joins cytotoxic drugs to antibodies, enabling precise delivery to cells or proteins. The cleavable nature ensures controlled drug release, optimizing ADC effectiveness.	
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through 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.

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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