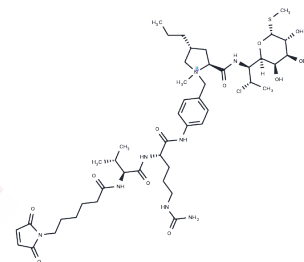


MC-Val-Cit-PAB-clindamycin

Chemical Properties

CAS No. :	1639793-13-7
Formula:	C ₄₆ H ₇₂ ClN ₈ O ₁₁ S
Molecular Weight:	980.63
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	MC-Val-Cit-PAB-clindamycin is an antibody-drug conjugate (ADC) linker combining the potent antitumor properties of clindamycin, a protein synthesis inhibitor, with the ADC linker MC-Val-Cit-PAB, thereby enhancing its cancer cell targeting and killing effectiveness.
Targets(IC50)	Drug-Linker Conjugates for ADC, PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0198 mL	5.0988 mL	10.1975 mL
5 mM	0.204 mL	1.0198 mL	2.0395 mL
10 mM	0.102 mL	0.5099 mL	1.0198 mL
50 mM	0.0204 mL	0.102 mL	0.204 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

Staben LR, et al. Targeted drug delivery through the traceless release of tertiary and heteroaryl amines from antibody-drug conjugates. Nat Chem. 2016 Dec;8(12):1112-1119.

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