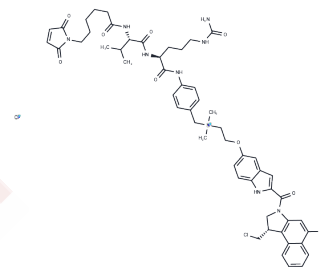


MC-Val-Cit-PAB-duocarmycin chloride

Chemical Properties

CAS No. :	2055896-98-3
Formula:	C54H65ClN9O9
Molecular Weight:	1019.6
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	MC-Val-Cit-PAB-duocarmycin is an antibody-drug conjugate (ADC) linker that combines duocarmycin, a potent DNA minor groove-binding alkylating agent, with an antitumor drug through the MC-Val-Cit-PAB linker, exhibiting significant antitumor activity.
Targets(IC50)	Drug-Linker Conjugates for ADC,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9808 mL	4.9039 mL	9.8078 mL
5 mM	0.1962 mL	0.9808 mL	1.9616 mL
10 mM	0.0981 mL	0.4904 mL	0.9808 mL
50 mM	0.0196 mL	0.0981 mL	0.1962 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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