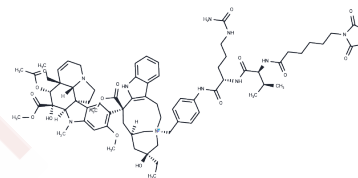


## MC-Val-Cit-PAB-vinblastine

## Chemical Properties

CAS No. :	2055896-92-7
Formula:	C74H97N10O15
Molecular Weight:	1366.644
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-vinblastine is a potent antitumor drug-linker conjugate for Antibody-Drug Conjugates (ADC), featuring vinblastine (a microtubule protein inhibitor) connected through the MC-Val-Cit-PAB [ADC linker].
Targets(IC50)	Drug-Linker Conjugates for ADC, PROTAC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7317 mL	3.6586 mL	7.3172 mL
5 mM	0.1463 mL	0.7317 mL	1.4634 mL
10 mM	0.0732 mL	0.3659 mL	0.7317 mL
50 mM	0.0146 mL	0.0732 mL	0.1463 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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