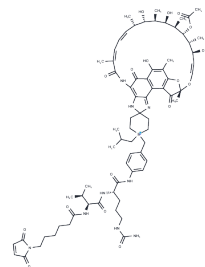


## MC-Val-Cit-PAB-rifabutin

## Chemical Properties

CAS No. :	2055900-34-8
Formula:	C74H101N10O17
Molecular Weight:	1402.65
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-rifabutin is a drug-linker conjugate for antibody-drug conjugates (ADC), featuring the potent antitumor agent rifabutin (a DNA-dependent RNA polymerase inhibitor) connected via the MC-Val-Cit-PAB ADC linker, which endows it with significant antitumor activity.
Targets(IC50)	Drug-Linker Conjugates for ADC, PROTAC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7129 mL	3.5647 mL	7.1294 mL
5 mM	0.1426 mL	0.7129 mL	1.4259 mL
10 mM	0.0713 mL	0.3565 mL	0.7129 mL
50 mM	0.0143 mL	0.0713 mL	0.1426 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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