

## Mal-amido-PEG2-Val-Cit-PAB-PNP

## Chemical Properties

CAS No. :	2112738-13-1
Formula:	C39H50N8O14
Molecular Weight:	854.86
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	Mal-amido-PEG2-Val-Cit-PAB-PNP is a cleavable, 2-unit polyethylene glycol (PEG) based ADC linker used in the construction of antibody-drug conjugates (ADCs) [1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1698 mL	5.8489 mL	11.6978 mL
5 mM	0.234 mL	1.1698 mL	2.3396 mL
10 mM	0.117 mL	0.5849 mL	1.1698 mL
50 mM	0.0234 mL	0.117 mL	0.234 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

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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