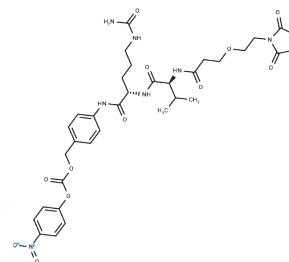


## Mal-PEG1-Val-Cit-PAB-PNP

## Chemical Properties

CAS No. :	2249935-92-8
Formula:	C <sub>34</sub> H <sub>41</sub> N <sub>7</sub> O <sub>12</sub>
Molecular Weight:	739.73
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Mal-PEG1-Val-Cit-PAB-PNP is an ADC linker used in the synthesis of ADCs, facilitating cleavage.
Targets(IC50)	ADC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody linked to a cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3518 mL	6.7592 mL	13.5184 mL
5 mM	0.2704 mL	1.3518 mL	2.7037 mL
10 mM	0.1352 mL	0.6759 mL	1.3518 mL
50 mM	0.027 mL	0.1352 mL	0.2704 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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