

Mal-PEG1-Val-Cit-OH

Chemical Properties

CAS No. :

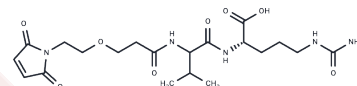
Formula: C₂₀H₃₁N₅O₈

Molecular Weight: 469.49

Keep away from direct sunlight

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-OH is a cleavable one-unit polyethylene glycol (PEG) linker used in the synthesis of antibody-drug conjugates (ADCs) [1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody that is conjugated with an ADC cytotoxin using an ADC linker.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.130 mL	10.6499 mL	21.2997 mL
5 mM	0.426 mL	2.130 mL	4.2599 mL
10 mM	0.213 mL	1.065 mL	2.130 mL
50 mM	0.0426 mL	0.213 mL	0.426 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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