

Mal-PEG1-Val-Cit-PABC-OH

Chemical Properties

CAS No. : 2055041-37-5

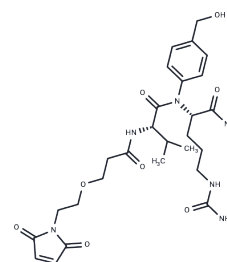
Formula: C₂₇H₃₈N₆O₈

Molecular Weight: 574.635

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-PABC-OH is a 1-unit polyethylene glycol (PEG) ADC linker with cleavable properties, used in the synthesis of antibody-drug conjugates (ADCs) to facilitate drug-antibody conjugation[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7402 mL	8.7011 mL	17.4022 mL
5 mM	0.348 mL	1.7402 mL	3.4804 mL
10 mM	0.174 mL	0.8701 mL	1.7402 mL
50 mM	0.0348 mL	0.174 mL	0.348 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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