

Acid-propionylamino-Val-Cit-OH

Chemical Properties

CAS No. : 2098907-84-5

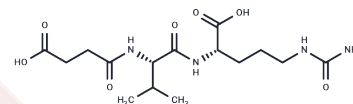
Formula: C₁₅H₂₆N₄O₇

Molecular Weight: 374.394

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	Acid-propionylamino-Val-Cit-OH is a cleavable linker commonly used in the synthesis of antibody-drug conjugates (ADCs) [1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Antibody-Drug Conjugates (ADCs) consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.671 mL	13.3551 mL	26.7101 mL
5 mM	0.5342 mL	2.671 mL	5.342 mL
10 mM	0.2671 mL	1.3355 mL	2.671 mL
50 mM	0.0534 mL	0.2671 mL	0.5342 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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