

Boc-Val-Cit-PAB-PNP

Chemical Properties

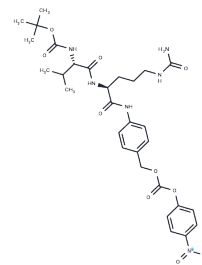
CAS No. : 870487-10-8

Formula: C₃₀H₄₀N₆O₁₀

Molecular Weight: 644.67

Storage: Store under nitrogen, Keep away from direct sunlight
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	Boc-Val-Cit-PAB-PNP is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker, PROTAC Linker
In vitro	ADCs consist of an antibody attached to an ADC cytotoxin through an ADC linker.

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5512 mL	7.7559 mL	15.5118 mL
5 mM	0.3102 mL	1.5512 mL	3.1024 mL
10 mM	0.1551 mL	0.7756 mL	1.5512 mL
50 mM	0.031 mL	0.1551 mL	0.3102 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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