

Boc-Val-Ala-PAB-PNP

Chemical Properties

CAS No. : 1884578-00-0

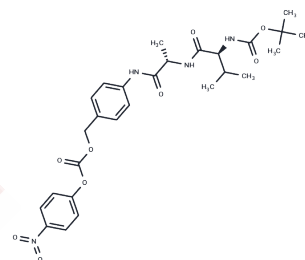
Formula: C₂₇H₃₄N₄O₉

Molecular Weight: 558.58

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	Boc-Val-Ala-PAB-PNP is an ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1]. This cleavable compound efficiently facilitates drug-attachment to antibodies, allowing for targeted therapeutic delivery and release, thus playing a crucial role in ADC development.
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	1.7903 mL	8.9513 mL	17.9025 mL
5 mM	0.3581 mL	1.7903 mL	3.5805 mL
10 mM	0.179 mL	0.8951 mL	1.7903 mL
50 mM	0.0358 mL	0.179 mL	0.3581 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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