

Fmoc-Val-Ala-PAB-OH

Chemical Properties

CAS No. : 1394238-91-5

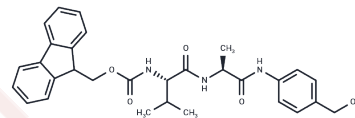
Formula: C₃₀H₃₃N₃O₅

Molecular Weight: 515.6

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	Fmoc-Val-Ala-PAB-OH (Fmoc-Val-Ala-PAB) is a useful linker for making Antibody-Drug-Conjugation (ADC) conjugate for targeting drug delivery. It is also utilized in the synthesis of RGD peptidomimetic-paclitaxel conjugates bearing lysosomally cleavable linkers.
Targets(IC50)	AChR,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	1.9395 mL	9.6974 mL	19.3949 mL
5 mM	0.3879 mL	1.9395 mL	3.879 mL
10 mM	0.1939 mL	0.9697 mL	1.9395 mL
50 mM	0.0388 mL	0.1939 mL	0.3879 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

Dal Corso, A., et al.Synthesis and Biological Evaluation of RGD Peptidomimetic-Paclitaxel Conjugates Bearing Lysosomally Cleavable Linkers,Chem. Eur. J., 21, 6921 (2015);

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