

Fmoc-PEG2-Val-Cit-PAB-OH

Chemical Properties

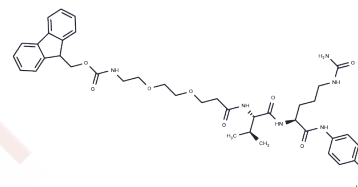
CAS No. : 2055024-59-2

Formula: C40H52N6O9

Molecular Weight: 760.876

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-PEG2-Val-Cit-PAB-OH is a cleavable ADC linker that features a Boc-protected amine, hydrophilic PEG spacer, and a Val-Cit-PAB dipeptide. The benzyl alcohol on the PAB can be used for conjugating reactive groups (e.g., PNP) to attach a payload. The Fmoc protecting group is removable with piperidine, revealing a primary amine for amide bond formation in conjugation reactions. The Val-Cit-PAB segment is cleaved by cellular proteases to efficiently release the payload inside cells.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3143 mL	6.5713 mL	13.1427 mL
5 mM	0.2629 mL	1.3143 mL	2.6285 mL
10 mM	0.1314 mL	0.6571 mL	1.3143 mL
50 mM	0.0263 mL	0.1314 mL	0.2629 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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