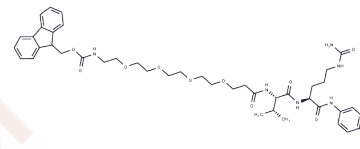


## Fmoc-PEG4-Val-Cit-PAB-OH

## Chemical Properties

CAS No. :	2055024-58-1
Formula:	C44H60N6O11
Molecular Weight:	848.981
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-PEG4-Val-Cit-PAB-OH is an enzyme-cleavable ADC linker that incorporates a Boc-protected amine, a hydrophilic PEG spacer, and a Val-Cit-PAB dipeptide. The benzyl alcohol on PAB can be used to attach reactive groups (such as PNP) for drug payload conjugation. The Fmoc protecting group can be removed with piperidine to expose a primary amine, facilitating amide bond formation. Val-Cit-PAB is cleaved by cellular proteases to efficiently release the payload inside cells.
Targets(IC50)	ADC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1779 mL	5.8894 mL	11.7788 mL
5 mM	0.2356 mL	1.1779 mL	2.3558 mL
10 mM	0.1178 mL	0.5889 mL	1.1779 mL
50 mM	0.0236 mL	0.1178 mL	0.2356 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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