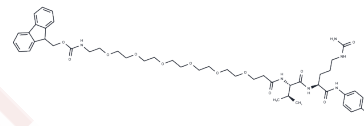


Fmoc-PEG6-Val-Cit-PAB-OH

Chemical Properties

CAS No. :	2055024-57-0
Formula:	C48H68N6O13
Molecular Weight:	937.086
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-PEG6-Val-Cit-PAB-OH is a cleavable ADC linker featuring a Boc-protected amine, a hydrophilic PEG spacer, and a Val-Cit-PAB dipeptide. The benzyl alcohol on PAB can be utilized to attach reactive groups (e.g., PNP) for drug payload conjugation. 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, enabling efficient payload release into cells.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0671 mL	5.3357 mL	10.6713 mL
5 mM	0.2134 mL	1.0671 mL	2.1343 mL
10 mM	0.1067 mL	0.5336 mL	1.0671 mL
50 mM	0.0213 mL	0.1067 mL	0.2134 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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