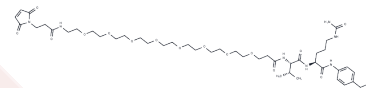


Mal-amide-PEG8-Val-Cit-PAB-OH

Chemical Properties

CAS No. :	2387738-43-2
Formula:	C44H71N7O16
Molecular Weight:	954.072
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	Mal-amide-PEG8-Val-Cit-PAB-OH is a cleavable ADC linker, featuring a maleimide group, a hydrophilic PEG spacer, a Val-Cit dipeptide, and a PAB moiety. The maleimide group allows covalent bonding to free thiols on cysteine residues of proteins. The Val-Cit dipeptide is cleaved intracellularly by cathepsins to facilitate payload delivery via the PAB structure.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0481 mL	5.2407 mL	10.4814 mL
5 mM	0.2096 mL	1.0481 mL	2.0963 mL
10 mM	0.1048 mL	0.5241 mL	1.0481 mL
50 mM	0.021 mL	0.1048 mL	0.2096 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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