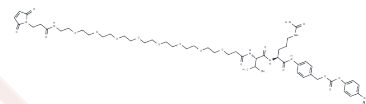


Mal-amide-PEG8-Val-Cit-PAB-PNP

Chemical Properties

CAS No. :	1964490-09-2
Formula:	C51H74N8O20
Molecular Weight:	1119.18
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-PNP is a cleavable ADC linker comprising a maleimide group, a PEG spacer, a Val-Cit dipeptide, PAB, and a PNP carbonate. The maleimide serves as a thiol-specific covalent connector for labeling cysteine residues in proteins, whereas the PNP group acts as a highly reactive leaving group. The Val-Cit linker is cleaved by cytoplasmic peptidases.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8935 mL	4.4676 mL	8.9351 mL
5 mM	0.1787 mL	0.8935 mL	1.787 mL
10 mM	0.0894 mL	0.4468 mL	0.8935 mL
50 mM	0.0179 mL	0.0894 mL	0.1787 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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