

Azido-PEG8-Amido-Val-Cit-PAB

Chemical Properties

CAS No. :	2356229-77-9
Formula:	C40H69N9O15
Molecular Weight:	916.027
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	Azido-PEG8-Amido-Val-Cit-PAB is a cleavable ADC linker efficiently cleaved by cathepsin B. Since cathepsin B is localized in lysosomes, the ADC payload is released exclusively within cells. The azido group reacts with DBCO, BCN, or other alkyne groups through click chemistry. The PEG spacer enhances water solubility. Reagent grade, intended for research purposes.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0917 mL	5.4583 mL	10.9167 mL
5 mM	0.2183 mL	1.0917 mL	2.1833 mL
10 mM	0.1092 mL	0.5458 mL	1.0917 mL
50 mM	0.0218 mL	0.1092 mL	0.2183 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.

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