

## Mal-amide-PEG8-Val-Ala-PAB-PNP

## Chemical Properties

CAS No. : 2210247-59-7

Formula: C<sub>48</sub>H<sub>68</sub>N<sub>6</sub>O<sub>19</sub>

Molecular Weight: 1033.08

Store at low temperature

Storage: Pure form: -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-Ala-PAB-PNP is a cleavable linker used in the production of antibody-drug conjugates (ADCs), enabling the attachment of cytotoxic drugs to antibodies for targeted delivery [1].
Targets(IC50)	ADC Linker

## Solubility Information

Solubility	DMSO: 80 mg/mL (77.44 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.968 mL	4.8399 mL	9.6798 mL
5 mM	0.1936 mL	0.968 mL	1.936 mL
10 mM	0.0968 mL	0.484 mL	0.968 mL
50 mM	0.0194 mL	0.0968 mL	0.1936 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.

## Reference

Junutula JR, et al. Preparation of isoquinolidinobenzodiazepines and antibody conjugates thereof for treatment of hematological malignancies and solid tumors. WO2018053552.

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