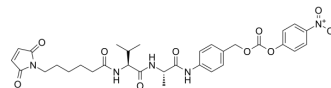


MC-Val-Ala-PAB-PNP

Cat. No.:	HY-135975
CAS No.:	1639939-40-4
Molecular Formula:	C ₃₂ H ₃₇ N ₅ O ₁₀
Molecular Weight:	651.66
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (76.73 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	1.5345 mL	7.6727 mL	15.3454 mL
		5 mM	0.3069 mL	1.5345 mL	3.0691 mL
	10 mM	0.1535 mL	0.7673 mL	1.5345 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (3.19 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.08 mg/mL (3.19 mM); Clear solution; Need ultrasonic 				

BIOLOGICAL ACTIVITY

Description	MC-Val-Ala-PAB-PNP is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .	
IC ₅₀ & Target	Protease Cleavable Linker	Cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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