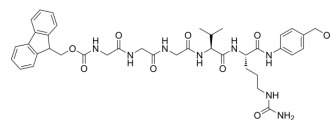


Fmoc-Gly3-Val-Cit-PAB

Cat. No.:	HY-136106
CAS No.:	2647914-09-6
Molecular Formula:	C ₃₉ H ₄₈ N ₈ O ₉
Molecular Weight:	772.85
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (129.39 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions	1 mM	1 mg	5 mg	10 mg
		5 mM	1.2939 mL	6.4696 mL	12.9391 mL
		10 mM	0.2588 mL	1.2939 mL	2.5878 mL
	10 mM	0.1294 mL	0.6470 mL	1.2939 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (3.23 mM); Suspended solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (3.23 mM); Suspended solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.23 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Fmoc-Gly3-Val-Cit-PAB is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .	
IC₅₀ & Target	Protease Cleavable	Cleavable
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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