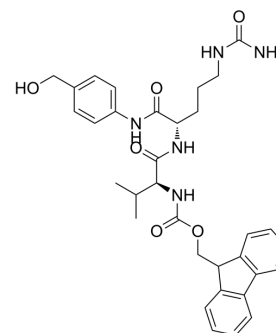


Fmoc-Val-Cit-PAB

Cat. No.:	HY-19318		
CAS No.:	159858-22-7		
Molecular Formula:	C ₃₃ H ₃₉ N ₅ O ₆		
Molecular Weight:	601.69		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 83.33 mg/mL (138.49 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.6620 mL	8.3099 mL	16.6199 mL
		5 mM	0.3324 mL	1.6620 mL	3.3240 mL
10 mM		0.1662 mL	0.8310 mL	1.6620 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: ≥ 6.25 mg/mL (10.39 mM); Suspended solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 6.25 mg/mL (10.39 mM); Suspended solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 6.25 mg/mL (10.39 mM); Suspended solution; Need ultrasonic 				

BIOLOGICAL ACTIVITY

Description	Fmoc-Val-Cit-PAB is a cleavable antibody-conjugated active molecule (ADC) commonly used linker.	
IC₅₀ & Target	Protease Cleavable Linker	Cleavable Linker

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA