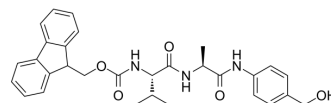


## Fmoc-Val-Ala-PAB-OH

Cat. No.:	HY-126353
CAS No.:	1394238-91-5
Molecular Formula:	C <sub>30</sub> H <sub>33</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	516
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 31.25 mg/mL (60.56 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	1.9380 mL	9.6899 mL	19.3798 mL
		5 mM	0.3876 mL	1.9380 mL	3.8760 mL
	10 mM	0.1938 mL	0.9690 mL	1.9380 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: ≥ 0.56 mg/mL (1.09 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 0.56 mg/mL (1.09 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Fmoc-Val-Ala-PAB-OH is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1]</sup> .	
IC <sub>50</sub> & 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 <sup>[1]</sup> . 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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