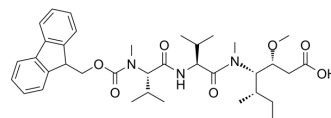


Fmoc-3VVD-OH

Cat. No.:	HY-78921
CAS No.:	863971-44-2
Molecular Formula:	C ₃₆ H ₅₁ N ₃ O ₇
Molecular Weight:	637.81
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 : ≥ 37 mg/mL (58.01 mM) * "≥" means soluble, but saturation unknown.					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	1.5679 mL	7.8393 mL	15.6787 mL
			5 mM	0.3136 mL	1.5679 mL	3.1357 mL
10 mM	0.1568 mL	0.7839 mL	1.5679 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: ≥ 5 mg/mL (7.84 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Fmoc-3VVD-OH is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .
IC ₅₀ & Target	Cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Siew Schleyer, et al. Auristatin-related compounds, conjugated auristatin-related compounds, and methods of use thereof. WO2021142029A1.

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

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