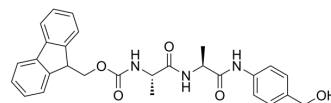


Fmoc-Ala-Ala-PAB

Cat. No.:	HY-148462
CAS No.:	1384263-83-5
Molecular Formula:	C ₂₈ H ₂₉ N ₃ O ₅
Molecular Weight:	487.55
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (256.38 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.0511 mL	10.2554 mL	20.5107 mL	
5 mM	0.4102 mL	2.0511 mL	4.1021 mL	
10 mM	0.2051 mL	1.0255 mL	2.0511 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Fmoc-Ala-Ala-PAB is a cleavable ADC linker. Fmoc-Ala-Ala-PAB can be used in the synthesis of antibody-drug conjugates (ADCs)^[1].

IC₅₀ & Target

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

[1]. Wayne C Widdison, et al. Development of Anilino-Maytansinoid ADCs that Efficiently Release Cytotoxic Metabolites in Cancer Cells and Induce High Levels of Bystander Killing. *Bioconjug Chem.* 2015 Nov 18;26(11):2261-78.

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

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