



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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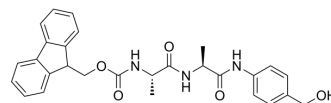
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## Fmoc-Ala-Ala-PAB

<b>Cat. No.:</b>	HY-148462
<b>CAS No.:</b>	1384263-83-5
<b>Molecular Formula:</b>	C <sub>28</sub> H <sub>29</sub> N <sub>3</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	487.55
<b>Target:</b>	ADC Linker
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	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)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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)<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

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

[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.

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

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