



# 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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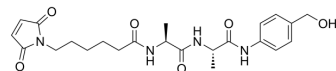
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## MC-Ala-Ala-PAB

Cat. No.:	HY-148464		
CAS No.:	1949793-44-5		
Molecular Formula:	C <sub>23</sub> H <sub>30</sub> N <sub>4</sub> O <sub>6</sub>		
Molecular Weight:	458.51		
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 : 20.83 mg/mL (45.43 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1810 mL	10.9049 mL	21.8098 mL
	5 mM	0.4362 mL	2.1810 mL	4.3620 mL
	10 mM	0.2181 mL	1.0905 mL	2.1810 mL

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

### BIOLOGICAL ACTIVITY

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