



# 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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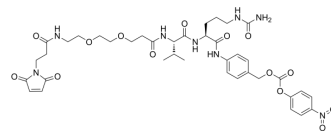
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## Mal-amido-PEG2-Val-Cit-PAB-PNP

<b>Cat. No.:</b>	HY-140147		
<b>CAS No.:</b>	2112738-13-1		
<b>Molecular Formula:</b>	C <sub>39</sub> H <sub>50</sub> N <sub>8</sub> O <sub>14</sub>		
<b>Molecular Weight:</b>	854.86		
<b>Target:</b>	ADC Linker		
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related		
<b>Storage:</b>	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 250 mg/mL (292.45 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.1698 mL	5.8489 mL	11.6978 mL
	5 mM	0.2340 mL	1.1698 mL	2.3396 mL
	10 mM	0.1170 mL	0.5849 mL	1.1698 mL

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

### BIOLOGICAL ACTIVITY

<b>Description</b>	Mal-amido-PEG2-Val-Cit-PAB-PNP is a cleavable 2 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	Protease Cleavable	Cleavable
<b>In Vitro</b>	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]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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

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