



# 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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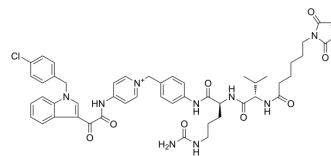
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## MC-Val-Cit-PAB-Indibulin

<b>Cat. No.:</b>	HY-128908
<b>CAS No.:</b>	2055896-95-0
<b>Molecular Formula:</b>	C <sub>50</sub> H <sub>55</sub> ClN <sub>9</sub> O <sub>8</sub>
<b>Molecular Weight:</b>	945.48
<b>Target:</b>	Drug-Linker Conjugates for ADC
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 125 mg/mL (132.21 mM; Need ultrasonic)					
	<b>Preparing Stock Solutions</b>	<b>Solvent</b>	<b>Mass</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>Concentration</b>				
		<b>1 mM</b>		1.0577 mL	5.2883 mL	10.5766 mL
		<b>5 mM</b>		0.2115 mL	1.0577 mL	2.1153 mL
<b>10 mM</b>		0.1058 mL	0.5288 mL	1.0577 mL		
Please refer to the solubility information to select the appropriate solvent.						
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.25 mg/mL (2.38 mM); Clear solution					

### BIOLOGICAL ACTIVITY

<b>Description</b>	MC-Val-Cit-PAB-Indibulin is a agent-linker conjugate for ADC with potent antitumor activity by using Indibulin (an orally applicable inhibitor of tubulin assembly), linked via the ADC linker MC-Val-Cit-PAB.
<b>IC<sub>50</sub> &amp; Target</b>	Traditional Cytotoxic Agents

### REFERENCES

[1]. Staben LR, et al. Targeted drug delivery through the traceless release of tertiary and heteroaryl amines from antibody-drug conjugates. Nat Chem. 2016 Dec;8(12):1112-1119.

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

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