



# 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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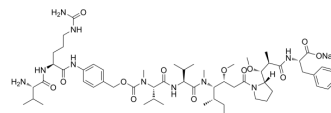
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## Val-Cit-PAB-MMAF sodium

Cat. No.:	HY-44177
Molecular Formula:	C <sub>58</sub> H <sub>91</sub> N <sub>10</sub> NaO <sub>13</sub>
Molecular Weight:	1159.39
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (43.13 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions	1 mM	0.8625 mL	4.3126 mL	8.6252 mL
		5 mM	0.1725 mL	0.8625 mL	1.7250 mL
		10 mM	0.0863 mL	0.4313 mL	0.8625 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 5 mg/mL (4.31 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (4.31 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 5 mg/mL (4.31 mM); Clear solution</li> </ol>				

### BIOLOGICAL ACTIVITY

Description	Val-Cit-PAB-MMAF sodium is a agent-linker conjugate for ADC. Val-Cit-PAB-MMAF sodium contains the ADCs linker (peptide Val-Cit-PAB) and a potent tubulin polymerization inhibitor MMAF (HY-15579) <sup>[1]</sup>
IC <sub>50</sub> & Target	Auristatin

### REFERENCES

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

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