



# 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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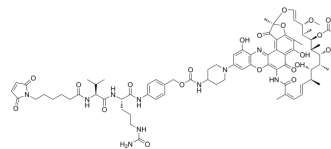
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## MC-VC-PABC-DNA31

<b>Cat. No.:</b>	HY-128897
<b>CAS No.:</b>	1639352-03-6
<b>Molecular Formula:</b>	C <sub>77</sub> H <sub>96</sub> N <sub>10</sub> O <sub>21</sub>
<b>Molecular Weight:</b>	1497.64
<b>Target:</b>	Drug-Linker Conjugates for ADC
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 50 mg/mL (33.39 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	<b>Preparing Stock Solutions</b>		1 mg	5 mg	10 mg
		1 mM	0.6677 mL	3.3386 mL	6.6772 mL
		5 mM	0.1335 mL	0.6677 mL	1.3354 mL
	10 mM	0.0668 mL	0.3339 mL	0.6677 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: 3 mg/mL (2.00 mM); Clear solution; Need ultrasonic  2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 3 mg/mL (2.00 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	MC-VC-PABC-DNA31 is a agent-linker conjugate for ADC with potent antitumor activity by using DNA31 (a potent RNA polymerase inhibitor), linked via the ADC linker MC-VC-PABC.
<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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