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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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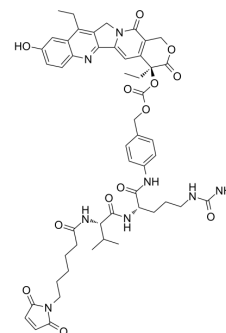
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Mc-VC-PAB-SN38

Cat. No.:	HY-131057
CAS No.:	1801838-28-7
Molecular Formula:	C ₅₁ H ₅₈ N ₈ O ₁₃
Molecular Weight:	991.05
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 28.57 mg/mL (28.83 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.0090 mL	5.0452 mL	10.0903 mL
		5 mM	0.2018 mL	1.0090 mL	2.0181 mL
10 mM		0.1009 mL	0.5045 mL	1.0090 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.86 mg/mL (2.89 mM); Suspended solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	Mc-VC-PAB-SN38 consists a cleavable ADC linker (Mc-VC-PAB) and a DNA topoisomerase I inhibitor (SN38). Mc-VC-PAB-SN38 can be used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . 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.

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

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