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Produktinformation



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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

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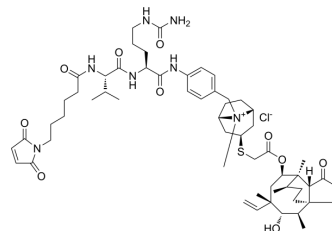
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MC-Val-Cit-PAB-Retapamulin

Cat. No.:	HY-128906
CAS No.:	1639793-15-9
Molecular Formula:	C ₅₈ H ₈₆ ClN ₇ O ₁₀ S
Molecular Weight:	1108.86
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°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

In Vitro	DMSO : 100 mg/mL (90.18 mM; Need ultrasonic)					
		Solvent Concentration	Mass			
	Preparing Stock Solutions			1 mg	5 mg	10 mg
		1 mM		0.9018 mL	4.5091 mL	9.0183 mL
		5 mM		0.1804 mL	0.9018 mL	1.8037 mL
	10 mM		0.0902 mL	0.4509 mL	0.9018 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: ≥ 2.5 mg/mL (2.25 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (2.25 mM); Suspended solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.25 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	MC-Val-Cit-PAB-Retapamulin is a agent-linker conjugate for ADC with potent antitumor activity by using Retapamulin (a ribosome inhibitor), linked via the ADC linker MC-Val-Cit-PAB.
IC₅₀ & Target	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.

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

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