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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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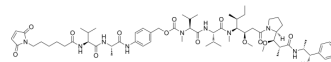
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MC-VA-PABC-MMAE

Cat. No.:	HY-147239
CAS No.:	1818864-51-5
Molecular Formula:	C ₆₅ H ₉₉ N ₉ O ₁₄
Molecular Weight:	1230.53
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 (81.27 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent \ Mass \ Concentration	1 mg	5 mg	10 mg
		1 mM	0.8127 mL	4.0633 mL	8.1266 mL
		5 mM	0.1625 mL	0.8127 mL	1.6253 mL
		10 mM	0.0813 mL	0.4063 mL	0.8127 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 (2.03 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.03 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	MC-VA-PABC-MMAE is a agent-linker conjugate for ADC. MC-VA-PABC-MMAE contains the ADCs linker (peptide MC-VA-PABC) and a potent tubulin polymerization inhibitor MMAE (HY-15162) ^{[1][2]} .
IC₅₀ & Target	Auristatin
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]. Wang Y, et al. Development of applicable thiol-linked antibody-drug conjugates with improved stability and therapeutic index. Drug Deliv. 2022 Dec;29(1):754-766.

[2]. Cazzamalli S, et al. Linker stability influences the anti-tumor activity of acetazolamide-drug conjugates for the therapy of renal cell carcinoma. J Control Release. 2017 Jan 28;246:39-45.

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

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