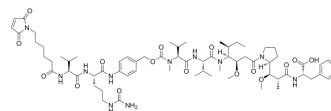


MC-Val-Cit-PAB-MMAF

Cat. No.:	HY-112786
CAS No.:	863971-17-9
Molecular Formula:	C ₆₈ H ₁₀₃ N ₁₁ O ₁₆
Molecular Weight:	1330.61
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, stored under nitrogen

* The compound is unstable in solutions, freshly prepared is recommended.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (75.15 mM; Need ultrasonic)
H₂O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.7515 mL	3.7577 mL	7.5153 mL
	5 mM	0.1503 mL	0.7515 mL	1.5031 mL
	10 mM	0.0752 mL	0.3758 mL	0.7515 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

MC-Val-Cit-PAB-MMAF (Vc-MMAF) is a agent-linker conjugate for ADC by using the tubulin inhibitor, MMAF, linked via cathepsin cleavable MC-Val-Cit-PAB. MC-Val-Cit-PAB-MMAF shows antitumor activity^[1].

IC₅₀ & Target

Auristatin

CUSTOMER VALIDATION

- Acta Biochim Biophys Sin (Shanghai). 2021 Dec 8;53(12):1625-1639.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Cheng X, et al. MORAb-202, an Antibody-Drug Conjugate Utilizing Humanized Anti-human FR α Farletuzumab and the Microtubule-targeting Agent Eribulin, has Potent Antitumor Activity. Mol Cancer Ther. 2018 Dec;17(12):2665-2675.

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

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