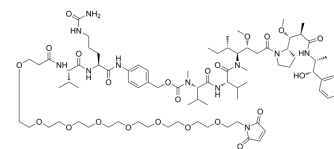


Mal-PEG8-Val-Cit-PAB-MMAE

Cat. No.:	HY-141156
CAS No.:	2353409-69-3
Molecular Formula:	C ₈₁ H ₁₃₁ N ₁₁ O ₂₃
Molecular Weight:	1626.97
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, protect from light * The compound is unstable in solutions, freshly prepared is recommended.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 110 mg/mL (67.61 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.6146 mL	3.0732 mL	6.1464 mL
	5 mM	0.1229 mL	0.6146 mL	1.2293 mL
	10 mM	0.0615 mL	0.3073 mL	0.6146 mL

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

BIOLOGICAL ACTIVITY

Description

Mal-PEG8-Val-Cit-PAB-MMAE is a agent-linker conjugate for ADC. Mal-PEG8-Val-Cit-PAB-MMAE contains a cleavable ADC linker and a potent tubulin inhibitor MMAE (HY-15162)^[1].

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]. 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA