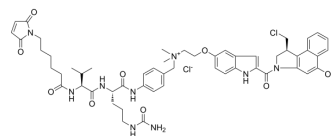


MC-Val-Cit-PAB-duocarmycin chloride

Cat. No.:	HY-128904
CAS No.:	2055896-98-3
Molecular Formula:	C ₅₄ H ₆₅ Cl ₂ N ₉ O ₉
Molecular Weight:	1055.05
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, protect from light, stored under nitrogen * The compound is unstable in solutions, freshly prepared is recommended.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 130 mg/mL (123.22 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	0.9478 mL	4.7391 mL	9.4782 mL	
5 mM	0.1896 mL	0.9478 mL	1.8956 mL	
10 mM	0.0948 mL	0.4739 mL	0.9478 mL	

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

BIOLOGICAL ACTIVITY

Description

MC-Val-Cit-PAB-duocarmycin chloride is a agent-linker conjugate for ADC with potent antitumor activity by using Duocarmycin (a DNA minor groove binding alkylating agent), linked via the ADC linker MC-Val-Cit-PAB.

IC₅₀ & Target

Duocarmycins

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.

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