



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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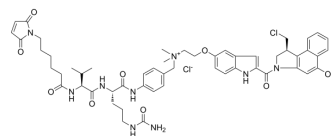
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MC-Val-Cit-PAB-duocarmycin chloride

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)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		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.

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