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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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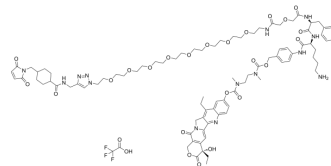
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CL2E-SN38 TFA

Cat. No.:	HY-139909A
Molecular Formula:	C ₈₉ H ₁₁₇ F ₃ N ₁₄ O ₂₆
Molecular Weight:	1855.95
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (53.88 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		0.5388 mL	2.6940 mL	5.3881 mL
		5 mM		0.1078 mL	0.5388 mL	1.0776 mL
10 mM		0.0539 mL	0.2694 mL	0.5388 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 (1.35 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (1.35 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	CL2E-SN-38 TFA, a highly releasable and structurally stable antibody-SN-38-conjugate, is a part of the antibody drug conjugate (ADC). SN-38, the active metabolite of Irinotecan from camptothecins, is an Topoisomerase I inhibitor ^[1] .
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REFERENCES

[1]. Lianqi Liu, et al. Synthesis and evaluation of highly releasable and structurally stable antibody-SN-38-conjugates. Drug Deliv. 2021 Dec;28(1):2603-2617.

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

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