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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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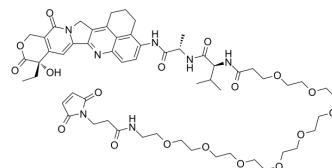
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Mal-PEG8-amide-Val-Ala-(4-NH₂)-Exatecan

Cat. No.:	HY-145399
CAS No.:	2495742-34-0
Molecular Formula:	C ₅₇ H ₇₇ N ₇ O ₁₈
Molecular Weight:	1148.26
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (174.18 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.8709 mL	4.3544 mL	8.7088 mL
	5 mM	0.1742 mL	0.8709 mL	1.7418 mL
	10 mM	0.0871 mL	0.4354 mL	0.8709 mL

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

BIOLOGICAL ACTIVITY

Description

Mal-PEG8-amide-Val-Ala-(4-NH₂)-Exatecan is a Drug-Linker Conjugates for ADC, which comprises a topoisomerase inhibitor and a linker for ligand unit connecting. Mal-PEG8-amide-Val-Ala-(4-NH₂)-Exatecan can be used to synthesis antibody-drug conjugate (ADC)^[1].

REFERENCES

- [1]. Schmidt, et al. Computer-based scoring method indicating a cancer patient's response to an anti-B7H4 antibody-drug conjugate therapy using a convolutional neural network, WO2022053685, 2022.
- [2]. Philip Wilson Howard, et al. Compounds and conjugates thereof. Patent US20200306243A1.

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

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