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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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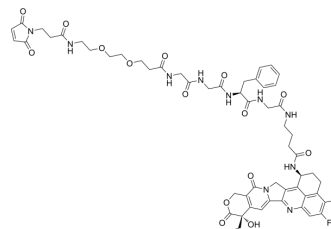
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Mal-PEG2-Gly-Gly-Phe-Gly-Exatecan

Cat. No.:	HY-153795
CAS No.:	1599439-54-9
Molecular Formula:	C ₅₇ H ₆₅ FN ₁₀ O ₁₅
Molecular Weight:	1149.18
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°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 (87.02 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.8702 mL	4.3509 mL	8.7019 mL
5 mM	0.1740 mL	0.8702 mL	1.7404 mL
10 mM	0.0870 mL	0.4351 mL	0.8702 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (2.18 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (2.18 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Mal-PEG2-Gly-Gly-Phe-Gly-Exatecan is a drug-linker conjugate for ADC. Mal-PEG2-Gly-Gly-Phe-Gly-Exatecan consists of Exatecan (HY-13631) and a linker. Mal-PEG2-Gly-Gly-Phe-Gly-Exatecan can be used for synthesis of ADCs and for cancer research^[1].

REFERENCES

- [1]. Masuda Takeshi, et al. Preparation of antibody-drug conjugates for cancer therapy. Patent WO2014057687.

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

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