



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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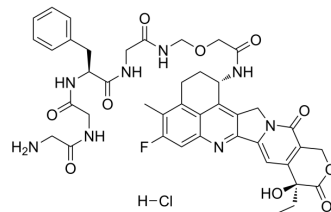
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Gly-Gly-Phe-Gly-NH-O-CO-Exatecan hydrochloride

| | |
|---------------------------|--|
| Cat. No.: | HY-13631F |
| Molecular Formula: | C ₄₂ H ₄₆ ClFN ₈ O ₁₀ |
| Molecular Weight: | 877.31 |
| 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 Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (2.85 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (2.85 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (2.85 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Gly-Gly-Phe-Gly-NH-O-CO-Exatecan, as a drug-linker conjugate composed of linker Gly-Gly-Phe-Gly-NH-O-CO and Exatecan, can be used to prepare antibody conjugate drugs. Exatecan is a DNA topoisomerase I inhibitor that can be used in cancer research^{[1][2]}.

REFERENCES

- [1]. Joto N, et al. DX-8951f, a water-soluble camptothecin analog, exhibits potent antitumor activity against a human lung cancer cell line and its SN-38-resistant variant. *Int J Cancer*. 1997;72(4):680-686.
- [2]. Thomas A, et al. Antibody-drug conjugates for cancer therapy. *Lancet Oncol*. 2016;17(6):e254-e262.

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

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