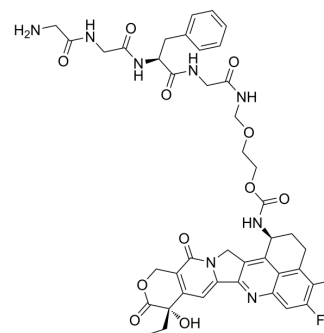


GGFG-amide-glycol-amide-Exatecan

Cat. No.:	HY-153600
CAS No.:	2866301-18-8
Molecular Formula:	C ₄₃ H ₄₇ FN ₈ O ₁₁
Molecular Weight:	870.88
Target:	Drug-Linker Conjugates for ADC; Topoisomerase
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage
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 : 100 mg/mL (114.83 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.1483 mL	5.7413 mL	11.4826 mL
		5 mM	0.2297 mL	1.1483 mL	2.2965 mL
10 mM		0.1148 mL	0.5741 mL	1.1483 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (2.87 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.87 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.87 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	GGFG-amide-glycol-amide-Exatecan (Intermediate 2) is an Exatecan (HY-13631) derivative and can be used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .
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REFERENCES

[1]. Marija VRLJIC, et al. Exatecan derivatives and antibody-drug conjugates thereof. WO2022236136A1.

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

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