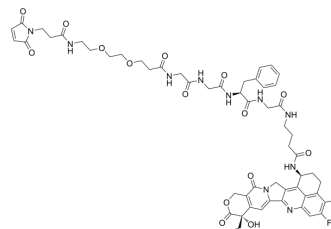


Mal-PEG2-Gly-Gly-Phe-Gly-Exatecan

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; Topoisomerase
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage
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)				
	Preparing Stock Solutions	<div>Solvent Concentration</div> <div>Mass</div>	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	1. 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				
	2. 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] .
IC₅₀ & Target	Camptothecins

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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