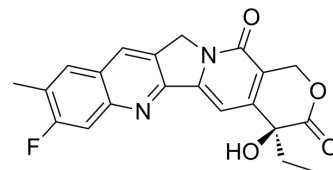


Decyclohexanamine-Exatecan

Cat. No.:	HY-153185
CAS No.:	2505045-51-0
Molecular Formula:	C ₂₁ H ₁₇ FN ₂ O ₄
Molecular Weight:	380.37
Target:	ADC Cytotoxin; Topoisomerase
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 32 mg/mL (84.13 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6290 mL	13.1451 mL	26.2902 mL
	5 mM	0.5258 mL	2.6290 mL	5.2580 mL
	10 mM	0.2629 mL	1.3145 mL	2.6290 mL

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

BIOLOGICAL ACTIVITY

Description	Decyclohexanamine-Exatecan is a Camptothecin derivative, compound a, extracted from patent WO2020219287 A1.
IC ₅₀ & Target	Camptothecins

REFERENCES

[1]. Ravi Chari, et al. Camptothecin derivatives. Patent WO2020219287 A1.

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

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