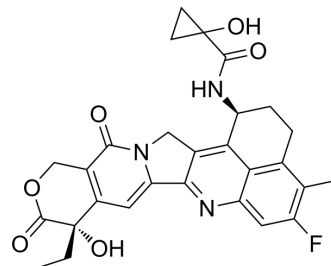


Exatecan-amide-cyclopropanol

Cat. No.: HY-150401
CAS No.: 2414254-34-3
Molecular Formula: $C_{28}H_{26}FN_3O_6$
Molecular Weight: 519.52
Target: ADC Cytotoxin
Pathway: Antibody-drug Conjugate/ADC Related
Storage: -20°C, sealed storage, away from moisture
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 2.73 mg/mL (5.25 mM; ultrasonic and warming and heat to 80°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.9249 mL	9.6243 mL	19.2485 mL
	5 mM		0.3850 mL	1.9249 mL	3.8497 mL
	10 mM		---	---	---

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

BIOLOGICAL ACTIVITY

Description

Exatecan-amide-cyclopropanol (compound 1) is a anticancer agent. Exatecan-amide-cyclopropanol shows anti-proliferation activity against SK-BR-3 and U87 cells, with IC₅₀ values of 0.12 and 0.23 nM, respectively^[1].

REFERENCES

[1]. Xu Jianyan, et al. Ligand-drug conjugate of exatecan analogue, preparation method therefor and application thereof. WO2020063676A1.

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

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