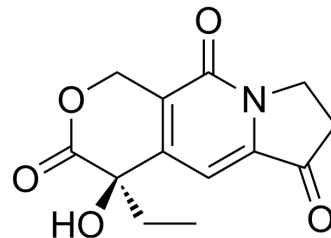


(R)-Exatecan Intermediate 1

Cat. No.:	HY-42487B
CAS No.:	110351-91-2
Molecular Formula:	C ₁₃ H ₁₃ NO ₅
Molecular Weight:	263.25
Target:	ADC Cytotoxin
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (379.87 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.7987 mL	18.9934 mL	37.9867 mL
5 mM	0.7597 mL	3.7987 mL	7.5973 mL
10 mM	0.3799 mL	1.8993 mL	3.7987 mL

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

BIOLOGICAL ACTIVITY

Description

(R)-Exatecan Intermediate 1 is an isomer of Exatecan Intermediate 1 (HY-42487). Exatecan Intermediate 1 (compound 6) is an intermediate of Exatecan (HY-13631), a camptothecin-based anticancer agent. Exatecan inhibits tumor growth by interfering with the proliferation and division of tumor cells by interacting with DNA. Exatecan is primarily used in research into a variety of cancers including ovarian, lung and breast cancer^{[1][2]}.

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

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