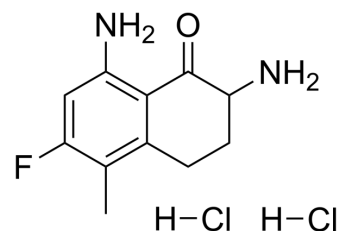


Exatecan Intermediate 4 dihydrochloride

Cat. No.:	HY-W021377C
Molecular Formula:	C ₁₁ H ₁₅ Cl ₂ FN ₂ O
Molecular Weight:	281.15
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 : 20 mg/mL (71.14 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.5568 mL	17.7841 mL	35.5682 mL
	5 mM		0.7114 mL	3.5568 mL	7.1136 mL
	10 mM		0.3557 mL	1.7784 mL	3.5568 mL

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

BIOLOGICAL ACTIVITY

Description

Exatecan Intermediate 4 dihydrochloride is an intermediate of Exatecan (DX-8951, HY-13631). Exatecan is an anticancer agent belonging to the class of camptothecin analogs. Exatecan interferes with the proliferation and division of tumor cells by interacting with DNA, thereby inhibiting tumor growth. Exatecan is primarily used for research of a variety of cancers including ovarian, lung and breast cancers^{[1][2]}.

IC₅₀ & Target

Camptothecins

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

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