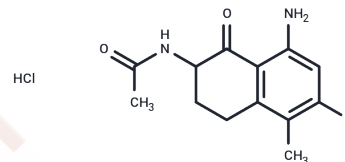


Exatecan Intermediate 2 hydrochloride

Chemical Properties

CAS No. :	2437603-23-9
Formula:	C ₁₃ H ₁₆ ClFN ₂ O ₂
Molecular Weight:	286.73
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Exatecan Intermediate 2 hydrochloride (compound B) serves as an intermediary in the synthesis of Exatecan (DX-8951), a camptothecin analog and anticancer agent. This compound operates by interacting with DNA to disrupt the proliferation and division of tumor cells, thereby inhibiting tumor growth. It is primarily researched for its potential applications in treating various cancers including ovarian, lung, and breast cancer.
Targets(IC50)	ADC Cytotoxin, Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4876 mL	17.438 mL	34.876 mL
5 mM	0.6975 mL	3.4876 mL	6.9752 mL
10 mM	0.3488 mL	1.7438 mL	3.4876 mL
50 mM	0.0698 mL	0.3488 mL	0.6975 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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