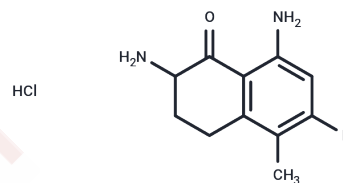


Exatecan Intermediate 4

Chemical Properties

CAS No. :	2436720-50-0
Formula:	C ₁₁ H ₁₄ ClFN ₂ O
Molecular Weight:	244.69
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 4 (compound B) is an intermediary in the synthesis of Exatecan (DX-8951), a chemotherapeutic agent classified as a camptothecin analogue. It acts by interacting with DNA to disrupt the proliferation and division of tumor cells, thereby inhibiting tumor growth. Exatecan is primarily researched for its potential application in the treatment of various cancers, including ovarian, lung, and breast cancer.
Targets(IC50)	ADC Cytotoxin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0868 mL	20.434 mL	40.868 mL
5 mM	0.8174 mL	4.0868 mL	8.1736 mL
10 mM	0.4087 mL	2.0434 mL	4.0868 mL
50 mM	0.0817 mL	0.4087 mL	0.8174 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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