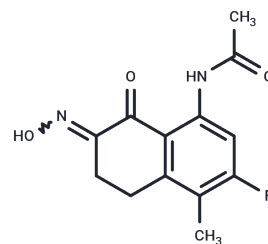


Exatecan Intermediate 7

Chemical Properties

CAS No. :	182182-32-7
Formula:	C ₁₃ H ₁₃ FN ₂ O ₃
Molecular Weight:	264.25
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 7 is an intermediary in the production of Exatecan (DX-8951), a DNA topoisomerase I inhibitor with an IC ₅₀ value of 2.2 μM (0.975 μg/mL), utilized in cancer research. This intermediate is also employed in the synthesis of Antibody-Drug Conjugates (ADCs).
Targets(IC ₅₀)	ADC Cytotoxin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7843 mL	18.9215 mL	37.843 mL
5 mM	0.7569 mL	3.7843 mL	7.5686 mL
10 mM	0.3784 mL	1.8921 mL	3.7843 mL
50 mM	0.0757 mL	0.3784 mL	0.7569 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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