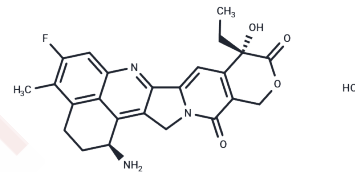


Exatecan hydrochloride

Chemical Properties

CAS No. : 144008-87-7
 Formula: C₂₄H₂₃ClFN₃O₄
 Molecular Weight: 471.909
 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 hydrochloride (DX-8951f hydrochloride) is a DNA topoisomerase I (TOP1) inhibitor with an IC ₅₀ value of 2.2 μM (0.975 μg/mL). Exatecan hydrochloride has antitumor activity and may be used in cancer research.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.119 mL	10.5952 mL	21.1905 mL
5 mM	0.4238 mL	2.119 mL	4.2381 mL
10 mM	0.2119 mL	1.0595 mL	2.119 mL
50 mM	0.0424 mL	0.2119 mL	0.4238 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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