

(1R,9S)-Exatecan

Chemical Properties

CAS No. :	2231666-57-0
Formula:	C ₂₄ H ₂₂ FN ₃ O ₄
Molecular Weight:	435.46
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	(1R,9S)-Exatecan (DX8951f) is the (1R,9S) stereoisomer of Exatecan. Exatecan (DX-8951) functions as an inhibitor of DNA topoisomerase I (topoisomerase I), with an IC ₅₀ of 2.2 μM (0.975 μg/mL), and is applicable in cancer research.
Targets(IC ₅₀)	Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2964 mL	11.4821 mL	22.9642 mL
5 mM	0.4593 mL	2.2964 mL	4.5928 mL
10 mM	0.2296 mL	1.1482 mL	2.2964 mL
50 mM	0.0459 mL	0.2296 mL	0.4593 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481