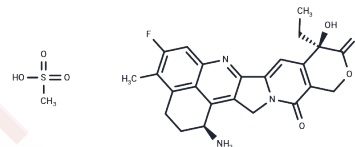


(1S,9R)-Exatecan mesylate

Chemical Properties

CAS No. :	2938875-54-6
Formula:	C ₂₅ H ₂₆ FN ₃ O ₇ S
Molecular Weight:	531.55
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	(1S,9R)-Exatecan Mesylate ((1S,9R)-DX8951f) serves as an isomer of Exatecan Mesylate (DX8951f), which acts as a DNA topoisomerase I inhibitor with an IC ₅₀ value of 2.2 μM (0.975 μg/mL). This compound is utilized in the field of cancer research [1].
Targets(IC ₅₀)	ADC Cytotoxin, Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8813 mL	9.4065 mL	18.8129 mL
5 mM	0.3763 mL	1.8813 mL	3.7626 mL
10 mM	0.1881 mL	0.9406 mL	1.8813 mL
50 mM	0.0376 mL	0.1881 mL	0.3763 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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