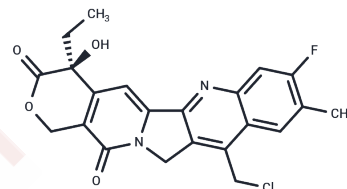


9-Chloromethyl-10-hydroxy-11-F-Camptothecin

Chemical Properties

CAS No. :	2414594-22-0
Formula:	C ₂₂ H ₁₈ ClFN ₂ O ₄
Molecular Weight:	428.84
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	9-Chloromethyl-10-hydroxy-11-F-Camptothecin, a novel derivative of camptothecin, functions as a DNA topoisomerase I (Topo I) inhibitor with potential applications in anticancer research [1].
Targets(IC50)	Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3319 mL	11.6594 mL	23.3187 mL
5 mM	0.4664 mL	2.3319 mL	4.6637 mL
10 mM	0.2332 mL	1.1659 mL	2.3319 mL
50 mM	0.0466 mL	0.2332 mL	0.4664 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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