

Anticancer agent 53

Chemical Properties

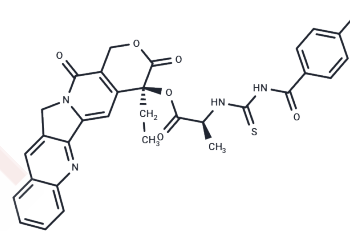
CAS No. : 1926985-18-3

Formula: C₃₁H₂₅FN₄O₆S

Molecular Weight: 600.62

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	Anticancer agent 53 is a potent compound that exhibits significant in vitro cytotoxicity, induces apoptosis, and promotes cell cycle arrest in the S/G2/M phases, while demonstrating antitumor activity without apparent toxicity.
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6649 mL	8.3247 mL	16.6495 mL
5 mM	0.333 mL	1.6649 mL	3.3299 mL
10 mM	0.1665 mL	0.8325 mL	1.6649 mL
50 mM	0.0333 mL	0.1665 mL	0.333 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.

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