

Antitumor agent-75

Chemical Properties

CAS No. :

Formula: C₂₆H₂₃FN₆

Molecular Weight: 438.5

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	Antitumor agent-75 is a novel and potent antitumor agent with cytotoxic effects on both cancer and normal human cell lines. In combination with antitumor agent-74, Antitumor agent-75 exhibits a highly selective cytotoxic effect (IC ₅₀ : 2.8 μM) against human lung adenocarcinoma [cell line A549]. Antitumor agent-75 is applicable in cancer research.
Targets(IC ₅₀)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2805 mL	11.4025 mL	22.805 mL
5 mM	0.4561 mL	2.2805 mL	4.561 mL
10 mM	0.2281 mL	1.1403 mL	2.2805 mL
50 mM	0.0456 mL	0.2281 mL	0.4561 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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