

Antitumor agent-54

Chemical Properties

CAS No. :

Formula: C₂₉H₃₂N₂O₃

Molecular Weight: 456.58

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-54 (Compound C11) is a 14-3-3η protein inhibitor (KD: 35 μM). antitumor agent-54 inhibits several typical human hepatocellular carcinoma cell lines. antitumor agent-54 blocks the cell cycle in the G1-S phase and induces apoptosis, showing good metabolic stability. It exhibits good metabolic stability.
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1902 mL	10.951 mL	21.902 mL
5 mM	0.438 mL	2.1902 mL	4.3804 mL
10 mM	0.219 mL	1.0951 mL	2.1902 mL
50 mM	0.0438 mL	0.219 mL	0.438 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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