

Antitumor agent-48

Chemical Properties

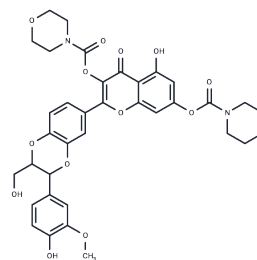
CAS No. :

Formula: C₃₅H₃₄N₂O₁₄

Molecular Weight: 706.65

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-48 is a 2,3-dehydrosilybin derivative with an antitumor activity. Antitumor agent-48 shows cytotoxic activity against MCF-7, NCI-H1299, HepG2 and HT29 cells with IC ₅₀ values of 8.06 μM, 13.1 μM, 16.51 μM and 12.44μM, respectively .
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4151 mL	7.0756 mL	14.1513 mL
5 mM	0.283 mL	1.4151 mL	2.8303 mL
10 mM	0.1415 mL	0.7076 mL	1.4151 mL
50 mM	0.0283 mL	0.1415 mL	0.283 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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