

Antitumor agent-47

Chemical Properties

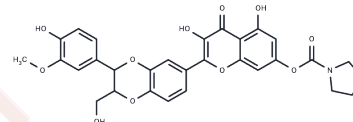
CAS No. :

Formula: C₃₀H₂₇N₁O₁₁

Molecular Weight: 577.54

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-47 is a silibinin derivative with an antitumor activity. Antitumor agent-47 shows cytotoxic activity against NCI-H1299 and HT29 cells with IC 50 values of 8.07 μ M and 6.27 μ M, respectively .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7315 mL	8.6574 mL	17.3148 mL
5 mM	0.3463 mL	1.7315 mL	3.463 mL
10 mM	0.1731 mL	0.8657 mL	1.7315 mL
50 mM	0.0346 mL	0.1731 mL	0.3463 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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