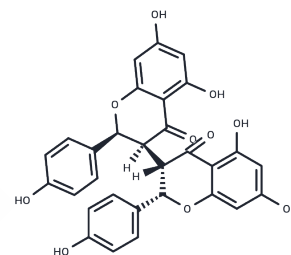


Neochamaejasmine A

Chemical Properties

CAS No. :	90411-13-5
Formula:	C ₃₀ H ₂₂ O ₁₀
Molecular Weight:	542.49
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	Neochamaejasmin A can inhibit cellular (3)H-thymidine incorporation (IC ₅₀ 12.5 microg/mL) and subsequent proliferation of human prostate cancer LNCaP cells, it blocks cell cycle progression at the G1 phase by activating the p21 protein and ultimately promoting the Fas-caspase 8-caspase 3 apoptotic machinery.
Targets(IC ₅₀)	Apoptosis,Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8434 mL	9.2168 mL	18.4335 mL
5 mM	0.3687 mL	1.8434 mL	3.6867 mL
10 mM	0.1843 mL	0.9217 mL	1.8434 mL
50 mM	0.0369 mL	0.1843 mL	0.3687 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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