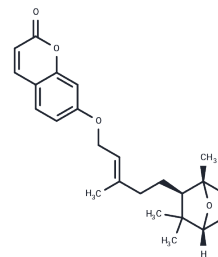


Farnesiferol C

Chemical Properties

CAS No. :	512-17-4
Formula:	C ₂₄ H ₃₀ O ₄
Molecular Weight:	382.49
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	Farnesiferol C induces apoptosis via regulation of L11 and c-Myc.
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6144 mL	13.0722 mL	26.1445 mL
5 mM	0.5229 mL	2.6144 mL	5.2289 mL
10 mM	0.2614 mL	1.3072 mL	2.6144 mL
50 mM	0.0523 mL	0.2614 mL	0.5229 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.

Reference

Aldaghi L, Rad A, Arab A, Kasaian J, Iranshahi M, Sadr AS, Soltani F. In Silico and In Vitro Evaluation of Cytotoxic Activities of Farnesiferol C and Microlobin on MCF-7, HeLa and KYSE Cell Lines. *Drug Res (Stuttg)*. 2016 Oct;66(10):532-538. Epub 2016 Jul 27. PubMed PMID: 27463028.

Jung JH, Kim MJ, Lee H, Lee J, Kim J, Lee HJ, Shin EA, Kim YH, Kim B, Shim BS, Kim SH. Farnesiferol c induces apoptosis via regulation of L11 and c-Myc with combinational potential with anticancer drugs in non-small-cell lung cancers. *Sci Rep*. 2016 May 27;6:26844. doi: 10.1038/srep26844. PubMed PMID: 27231235; PubMed Central PMCID: PMC4882547.

Kasaian J, Mosaffa F, Behravan J, Masullo M, Piacente S, Iranshahi M. Modulation of Multidrug Resistance Protein 2 Efflux in the Cisplatin Resistance Human Ovarian Carcinoma Cells A2780/RCIS by Sesquiterpene Coumarins. *Phytother Res*. 2016 Jan;30(1):84-9. doi: 10.1002/ptr.5504. Epub 2015 Oct 27. PubMed PMID: 26503061.

Aas Z, Babaei E, Hosseinpour Feizi MA, Dehghan G. Anti-proliferative and Apoptotic Effects of Dendrosomal Farnesiferol C on Gastric Cancer Cells. *Asian Pac J Cancer Prev*. 2015;16(13):5325-9. PubMed PMID: 26225673.

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