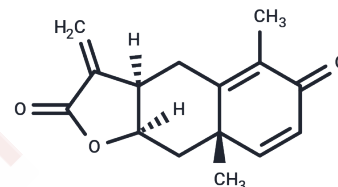


Yomogin

Chemical Properties

CAS No. :	10067-18-2
Formula:	C ₁₅ H ₁₆ O ₃
Molecular Weight:	244.29
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	Yomogin is a biochemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0935 mL	20.4675 mL	40.935 mL
5 mM	0.8187 mL	4.0935 mL	8.187 mL
10 mM	0.4093 mL	2.0467 mL	4.0935 mL
50 mM	0.0819 mL	0.4093 mL	0.8187 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

- Natividad GM, Broadley KJ, Kariuki B, Kidd EJ, Ford WR, Simons C. Actions of *Artemisia vulgaris* extracts and isolated sesquiterpene lactones against receptors mediating contraction of guinea pig ileum and trachea. *J Ethnopharmacol.* 2011 Sep 1;137(1):808-16. doi: 10.1016/j.jep.2011.06.042. Epub 2011 Jul 5. PubMed PMID: 21762766.
- Jeong SH, Koo SJ, Ha JH, Ryu SY, Park HJ, Lee KT. Induction of apoptosis by yomogin in human promyelocytic leukemic HL-60 cells. *Biol Pharm Bull.* 2004 Jul;27(7):1106-11. PubMed PMID: 15256749.
- Kim SH, Kim TS. Synergistic induction of 1,25-dihydroxyvitamin D(3)- and all-trans-retinoic acid-induced differentiation of HL-60 leukemia cells by yomogin, a sesquiterpene lactone from *Artemisia princeps*. *Planta Med.* 2002 Oct;68(10):886-90. PubMed PMID: 12391550.
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