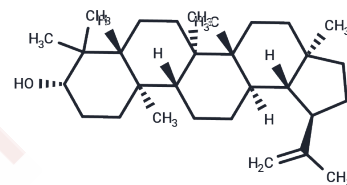


Lupeol

Chemical Properties

CAS No. :	545-47-1
Formula:	C ₃₀ H ₅₀ O
Molecular Weight:	426.72
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Lupeol (Monogynol B) is a novel androgen receptor inhibitor with anti-inflammatory and antioxidant activity.
Targets(IC50)	Apoptosis,Androgen Receptor,Akt

Solubility Information

Solubility	H ₂ O: 1 mg/mL (2.34 mM),Sonication is recommended. Ethanol: 10 mg/mL (23 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3435 mL	11.7173 mL	23.4346 mL
5 mM	0.4687 mL	2.3435 mL	4.6869 mL
10 mM	0.2343 mL	1.1717 mL	2.3435 mL
50 mM	0.0469 mL	0.2343 mL	0.4687 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.

Reference

- Liu Y, et al. Technol Y Res Treat. 2015 Oct 6. pii: 1533034615609014.
 Kapisiz A, Kaya C, Eryilmaz S, et al.Protective effects of lupeol in rats with renal ischemia-reperfusion injury. Experimental and Therapeutic Medicine.2024, 28(2): 1-10.
 Kaya C, Kapisiz A, Eryilmaz S, et al.Effects of Lupeol on Intestinal Anastomosis After Experimental Intestinal Ischemia-Reperfusion Injury in Rats.Drug Design, Development and Therapy.2025: 479-490.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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