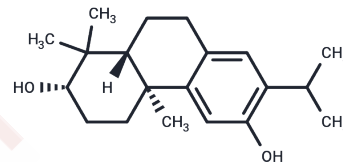


Hinokiol

Chemical Properties

CAS No. :	564-73-8
Formula:	C ₂₀ H ₃₀ O ₂
Molecular Weight:	302.5
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	Hinokiol exhibits anti-inflammatory activity by significantly inhibiting 5-hydroxy-eicosa-tetra-enoic acid (5-HETE) and leukotriene B(4) (LTB ₄) formations. Additionally, it demonstrates potent activity against clinical isolates of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA).
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3058 mL	16.5289 mL	33.0579 mL
5 mM	0.6612 mL	3.3058 mL	6.6116 mL
10 mM	0.3306 mL	1.6529 mL	3.3058 mL
50 mM	0.0661 mL	0.3306 mL	0.6612 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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