

Dihydrodehydrodiconiferyl alcohol

Chemical Properties

CAS No. : 28199-69-1

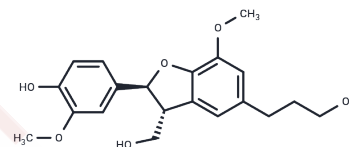
Formula: C₂₀H₂₄O₆

Molecular Weight: 360.4

Keep away from direct sunlight, Keep away from moisture

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dihydrodehydrodiconiferyl alcohol is the methanolic extract of <i>Liriodendron tulipifera</i> [1].
Targets(IC50)	TNF
In vitro	Dihydrodehydrodiconiferyl alcohol isolated from <i>L. tulipifera</i> leaves and twigs exhibited selective antifibrotic activities toward the activated HSCs and suppressed TNF- α production in RAW264.7 macrophages. Dihydrodehydrodiconiferyl alcohol may be useful candidate for developing therapeutic agents for the prevention and treatment of hepatic fibrosis[1].

Solubility Information

Solubility	DMSO: 60 mg/mL (166.48 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	2.7747 mL	13.8735 mL	27.7469 mL
5 mM	0.5549 mL	2.7747 mL	5.5494 mL
10 mM	0.2775 mL	1.3873 mL	2.7747 mL
50 mM	0.0555 mL	0.2775 mL	0.5549 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

Jeong EJ, et al. Antifibrotic compounds from *Liriodendron tulipifera* attenuating HSC-T6 proliferation and TNF- α production in RAW264.7 cells. *Biol Pharm Bull.* 2015;38(2):228-34.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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