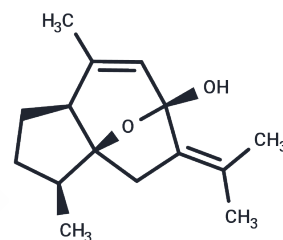


Curcumenol

Chemical Properties

CAS No. :	19431-84-6
Formula:	C ₁₅ H ₂₂ O ₂
Molecular Weight:	234.33
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Curcumenol ((+)-Curcumenol), one of the major components of Zedoary turmeric oil, is an antibiotic drug which has anti-Y, anti-inflammation activity. Curcumenol may be safely used without inducing metabolic drug-drug interaction through P450 inhibition.
Targets(IC50)	Cytochromes P450

Solubility Information

Solubility	DMSO: 18.33 mg/mL (78.22 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	4.2675 mL	21.3374 mL	42.6749 mL
5 mM	0.8535 mL	4.2675 mL	8.535 mL
10 mM	0.4267 mL	2.1337 mL	4.2675 mL
50 mM	0.0853 mL	0.4267 mL	0.8535 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

- Hamdi OA, et al. Int J Mol Sci. 2015 Mar 6;16(3):5180-93.
Sun DX, et al. Phytother Res. 2010 Aug;24(8):1213-6.

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