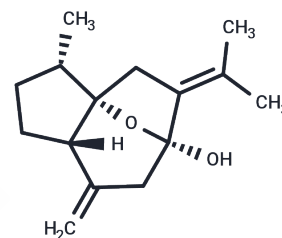


Isocurcumenol

Chemical Properties

CAS No. :	24063-71-6
Formula:	C ₁₅ H ₂₂ O ₂
Molecular Weight:	234.33
Appearance:	no data available
Storage:	store at low temperature, keep away from direct sunlight
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Isocurcumenol inhibits 5 α -reductase which converts testosterone to dihydrotestosterone (DHT).
Targets(IC50)	Apoptosis, Estrogen Receptor/ERR, Reductase

Solubility Information

Solubility	DMSO: 75 mg/mL (320.06 mM), Sonication is recommended. Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, (< 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

Faidi K , El Mokni R , Joshi R K , et al. Comparative study on the chemical constituents of essential oils from different organs of the Sicilian Kundmannia (\r, Kundmannia sicula\r, L.) DC. (Apiaceae) growing spontaneously in Tunisia [J]. Natural Product Research, 2014, 28(20):1680-1684.

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