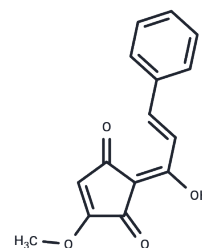


Lucidone

Chemical Properties

CAS No. :	19956-53-7
Formula:	C ₁₅ H ₁₂ O ₄
Molecular Weight:	256.26
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	Lucidone is a natural product with anti-inflammatory activity from <i>Lindera erythrocarpa</i> .
Targets(IC50)	Anti-infection, NF-κB, NO Synthase, COX, IκB/IKK, JNK, p38 MAPK, TNF

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9023 mL	19.5114 mL	39.0229 mL
5 mM	0.7805 mL	3.9023 mL	7.8046 mL
10 mM	0.3902 mL	1.9511 mL	3.9023 mL
50 mM	0.078 mL	0.3902 mL	0.7805 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

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Senthil Kumar KJ, Liao JW, Xiao JH, Gokila Vani M, Wang SY. Hepatoprotective effect of lucidone against alcohol-induced oxidative stress in human hepatic HepG2 cells through the up-regulation of HO-1/Nrf-2 antioxidant genes. *Toxicol In Vitro*. 2012 Aug;26(5):700-8. doi: 10.1016/j.tiv.2012.03.012. Epub 2012 Mar 30. PubMed PMID: 22484158.

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