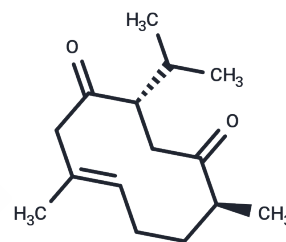


Curdione

Chemical Properties

CAS No. :	13657-68-6
Formula:	C ₁₅ H ₂₄ O ₂
Molecular Weight:	236.35
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Curdione ((+)-Curdione) inhibits CYP3A4 activity and the production of prostaglandin E2. Curdione inhibits proliferation of MCF-7 cells by inducing apoptosis. Curdione may be a candidate for anti-inflammatory and Y chemopreventive agents.
Targets(IC50)	Cytochromes P450

Solubility Information

Solubility	DMSO: 55 mg/mL (232.71 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	4.231 mL	21.1551 mL	42.3101 mL
5 mM	0.8462 mL	4.231 mL	8.462 mL
10 mM	0.4231 mL	2.1155 mL	4.231 mL
50 mM	0.0846 mL	0.4231 mL	0.8462 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

- Li J, et al. Asian Pac J Y Prev. 2014;15(22):91997-1202001.
 Chen Y, et al. Nat Prod Res. 2014;28(7):454-60.
 Hou XL, et al. Evid Based Complement Alternat Med. 2011;22011:913898.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481