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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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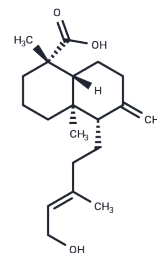
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Isocupressic acid

Chemical Properties

CAS No. :	1909-91-7
Formula:	C ₂₀ H ₃₂ O ₃
Molecular Weight:	320.47
Appearance:	no data available
Storage:	store at low temperature, keep away from moisture, keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Isocupressic acid ((+)-Isocupressic acid) is an abortifacient isolated from pine needles and bark that blocks progesterone production in bovine corpus luteum cells.
Targets(IC50)	Others
In vitro	Isocupressic acid inhibits basal and ovine luteinizing hormone (oLH) stimulating secretion of progesterone in bovine luteal cells and inhibits progesterone production by blocking oLH and cAMP actions at the cellular level of luteal cells. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1204 mL	15.6021 mL	31.2042 mL
5 mM	0.6241 mL	3.1204 mL	6.2408 mL
10 mM	0.312 mL	1.5602 mL	3.1204 mL
50 mM	0.0624 mL	0.312 mL	0.6241 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

Wu LS, et al. Isocupressic acid blocks progesterone production from bovine luteal cells. Am J Chin Med. 2002;30(4): 533-41.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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