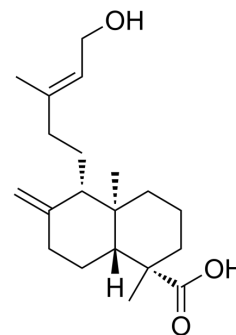


Isocupressic acid

Cat. No.:	HY-N3493
CAS No.:	1909-91-7
Molecular Formula:	C ₂₀ H ₃₂ O ₃
Molecular Weight:	320.47
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Isocupressic acid ((+)-Isocupressic acid) is an abortifacient compound ^[1] .
In Vitro	Isocupressic acid (1-1000 ng/mL; 4 h) inhibits basal and ovine luteinizing hormone (oLH) stimulating secretion of progesterone in bovine luteal cells without cell death ^[1] . Isocupressic acid inhibits progesterone production by blocking oLH and cAMP actions at the cellular level of luteal cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

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