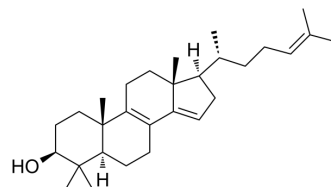


FF-MAS

Cat. No.:	HY-N7710
CAS No.:	64284-64-6
Molecular Formula:	C ₂₉ H ₄₆ O
Molecular Weight:	410.67
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FF-MAS is a potent meiotic maturation agonist. FF-MAS promotes meiotic maturation and preimplantation development of mouse oocytes maturing in vitro. FF-MAS promotes the completion of meiotic maturation to metaphase II (MII) and improves competence to complete the 2-cell stage to blastocyst transition ^{[1][2]} .
In Vitro	FF-MAS (1 μM; 16-17 h) promotes the completion of meiotic maturation and the competence of oocytes to complete the 2-cell stage to blastocyst transition ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Marín Bivens CL, et al. A synthetic analogue of meiosis-activating sterol (FF-MAS) is a potent agonist promoting meiotic maturation and preimplantation development of mouse oocytes maturing in vitro. Hum Reprod. 2004 Oct;19(10):2340-4.

[2]. Thorsten Blume, et al. Two Syntheses of FF-MAS. Org. Lett. 2003, 5, 11, 1837-1839.

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

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