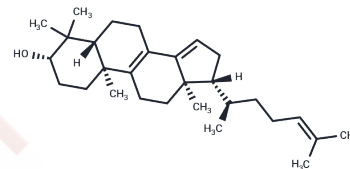


FF-MAS

Chemical Properties

CAS No. :	64284-64-6
Formula:	C ₂₉ H ₄₆ O
Molecular Weight:	410.67
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	FF-MAS is a potent agonist that enhances the meiotic maturation and preimplantation development of mouse oocytes cultured in vitro. It facilitates progression to metaphase II (MII) and augments the oocytes' ability to advance from the 2-cell stage to the blastocyst transition [1] [2].
In vitro	FF-MAS at a concentration of 1 μM administered for 16-17 hours enhances the completion of meiotic maturation and facilitates the progression of oocytes from the 2-cell stage to the blastocyst stage [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.435 mL	12.1752 mL	24.3505 mL
5 mM	0.487 mL	2.435 mL	4.8701 mL
10 mM	0.2435 mL	1.2175 mL	2.435 mL
50 mM	0.0487 mL	0.2435 mL	0.487 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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