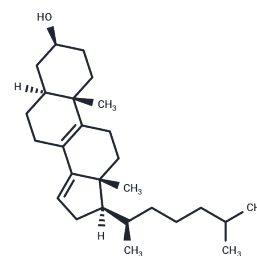


14-dehydro Zymostenol

Chemical Properties

CAS No. :	19431-20-0
Formula:	C ₂₇ H ₄₄ O
Molecular Weight:	384.64
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	14-dehydro Zymostenol is a precursor to cholesterol .1It increases the percentage of myelin basic protein-positive (MBP+) oligodendrocytes formed from oligodendrocyte precursor cells when used at concentrations of 5.8 and 17 μ M.2
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Solubility Information

Solubility	Ethanol: 2 mg/mL DMF: 3 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5998 mL	12.9992 mL	25.9983 mL
5 mM	0.520 mL	2.5998 mL	5.1997 mL
10 mM	0.260 mL	1.2999 mL	2.5998 mL
50 mM	0.052 mL	0.260 mL	0.520 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

Lutsky, B.N., and Schroepfer, G.J., Jr. Studies on the enzymic conversion of 5 α -cholesta-8,14-dien-3 β -ol to cholesterolJ. Biol. Chem.245(23)6449-6455(1970)

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