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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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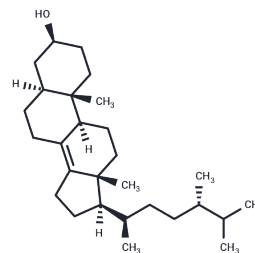
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Ergosterol

Chemical Properties

CAS No. :	632-32-6
Formula:	C ₂₈ H ₄₈ O
Molecular Weight:	400.68
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Ergosterol (Ergost-8(14)-en-3beta-ol) is a biological precursor and a provitamin of vitamin D ₂ .
Targets(IC ₅₀)	Others

Solubility Information

Solubility	Tert-Butanol: 15 mg/mL (37.82 mM,warming with 50°C water bath) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4958 mL	12.4788 mL	24.9576 mL
5 mM	0.4992 mL	2.4958 mL	4.9915 mL
10 mM	0.2496 mL	1.2479 mL	2.4958 mL
50 mM	0.0499 mL	0.2496 mL	0.4992 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

Warner SA, Eierman DF, Sovocool GW, Domnas AJ. Cycloartenol-derived sterol biosynthesis in the Peronosporales. Proc Natl Acad Sci U S A. 1982 Jun;79(12):3769-72.

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