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## Product Data Sheet

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Product Name: 24(28)-Dehydroergosterol

Cat. No.: GC61626

**Chemical Properties**

Cas. No. 29560-24-5

SMILES C=C(C(C)C)/C=C/[C@@H](C)[C@H]1CC[C@@]2([H])C3=CC=C4C[C@@H](O)CC[C@]4(C)[C@@]3([H])CC[C@]12C

Formula C<sub>28</sub>H<sub>42</sub>O

M.Wt 394.63

Solubility DMSO : 1 mg/mL (2.53 mM; ultrasonic and warming and heat to 60°C)

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

24(28)-Dehydroergosterol is a derivative of Episterol. Episterol is a sterol involved in the biosynthesis of steroids[1][2].

[1]. Arthington-Skaggs BA, et al. Quantitation of ergosterol content: novel method for determination of fluconazole susceptibility of *Candida albicans*. *J Clin Microbiol.* 1999;37(10):3332-3337. [2]. Zinser E, et al. Sterol composition of yeast organelle membranes and subcellular distribution of enzymes involved in sterol metabolism. *J Bacteriol.* 1993;175(10):2853-2858.

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

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