

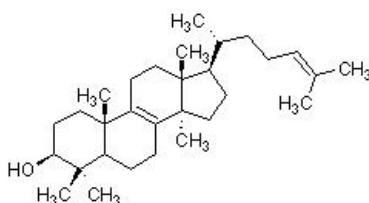
Product datasheet

Lanosterol, Steroid bioprecursor ab143883

Overview

Product name	Lanosterol, Steroid bioprecursor
Description	Steroid bioprecursor. CYP51A1 component.
Biological description	Steroid bioprecursor. CYP51A1 component. Cholesterol (ab142501) precursor. Shows anti-inflammatory effects <i>in vivo</i> .
Purity	> 55%
CAS Number	79-63-0

Chemical structure



Properties

Chemical name	(3 <i>S</i> ,5 <i>R</i> ,10 <i>S</i> ,13 <i>R</i> ,14 <i>R</i> ,17 <i>R</i>)-4,4,10,13,14-Pentamethyl-17-[(2 <i>R</i>)-6-methylhept-5-en-2-yl]-2,3,5,6,7,11,12,15,16,17-decahydro-1 <i>H</i> -cyclopenta[<i>a</i>]phenanthren-3-ol
Molecular weight	426.72
Molecular formula	C ₃₀ H ₅₀ O
PubChem identifier	246983
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>C[C@H](CCC=C(C)C)[C@H]1CC[C@@]2([C@@]1(CCC3=C2CC[C@@H]4[C@@]3(CC[C@@H](C4(C)C)O)C)C)C</chem>
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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