

Product Name	: LANOSTEROL
Synonyms	: 3β-Hydroxy-824-lanostadiene; 824-Lanostadien-3β-ol
Cat No.	: M19771
CAS Number	: 79-63-0
Molecular Formula	: C ₃₀ H ₅₀ O
Formula Weight	: 426.72
Chemical Name	: (3S,5R,10S,13R,14R,17R)-44,10,13,14-pentamethyl-17-((R)-6-methylhept-5-en-2-yl)-23,4,5,6,7,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-3-ol
Description	: Lanosterol is a tetracyclic triterpenoid which is the compound from which all steroids are derived.
Pathway	: Proteasome/Ubiquitin
Target	: Endogenous Metabolite
Receptor	: Human Endogenous Metabolite
Solubility	: DMSO: 10 mM
SMILES	: <chem>C[C@H](CC\C=C/C(C)[C@H]1CC[C@@]2(C)C3=C(CC[C@]12C)[C@@]1(C)CC[C@H](O)C(C)(C)[C@@H]1CC3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Sinha R, Ahn J, Sampson J, N et al. Fecal Microbiota Fecal Metabolome and Colorectal Cancer Interrelations[J]. PLOS ONE 2016 11(3):e0152126.