

lanosterol

 8,24-lanostadien-3 β -ol

700063P-1mg

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Molecular Weight	426.717
Chemical Formula	C ₃₀ H ₅₀ O
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5145PGB013
Avanti Lot Number	700063P-1MG-B-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (8:2 Hexane:Ethyl Acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 444.717 \pm 1 amu	[M+NH ₄] ⁺ = 444.5 amu

Approved by:

