

Desmosterol

 3 β -hydroxy-5,24-cholestadiene

700060P-10mg

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Molecular Weight	384.638
Chemical Formula	C ₂₇ H ₄₄ O
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5142PIG015
Avanti Lot Number	700060P-10MG-G-015

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (7:3 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 reference structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 402.638 \pm 1 amu	[M+NH ₄] ⁺ = 402.3 amu

Approved By:



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