

cholestanol

5 α -cholestan-3 β -ol

700064P-5mg

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Molecular Weight	388.669
Chemical Formula	C ₂₇ H ₄₈ O
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5146PHJ011
Avanti Lot Number	700064P-5MG-J-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (2:1 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] ⁺ = 406.669 $\pm$ 1 amu	[M+NH ₄] ⁺ = 406.7 amu

Approved By:

Melissa Liles

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