

cholestanol

5 α -cholestan-3 β -ol

700064P-5mg

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Molecular Weight 388.669
Chemical Formula C₂₇H₄₈O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5146PHK011
Avanti Lot Number 700064P-5MG-K-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: *Andriana Thomas*

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