

5 α ,6 β -dihydroxycholestanol

 Cholestane-3 β ,5 α ,6 β -triol

700054P-5mg

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Molecular Weight	420.668
Chemical Formula	C ₂₇ H ₄₈ O ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5136PHC010
Avanti Lot Number	700054P-5MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>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] ⁺ = 438.668 ± 1 amu	[M+NH ₄] ⁺ = 438.9 amu

Approved by:



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