

6 α -hydroxy-5 α -cholestanol

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700030P-5mg

Page 1 of 1

Molecular Weight	404.669
Chemical Formula	C ₂₇ H ₄₈ O ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5116PHB011
Avanti Lot Number	700030P-5MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (1:2 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] ⁺ = 422.669 ± 1 amu	[M+NH ₄] ⁺ = 422.7 amu

Approved by:

