

7β-hydroxycholesterol

cholest-5-en-3β,7β-diol

700035P-10mg

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Molecular Weight	402.653
Chemical Formula	C ₂₇ H ₄₆ O ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5120PIB014
Avanti Lot Number	700035P-10MG-B-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (95:5 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
Carbon NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H-H ₂ O] ⁺ = 385.653 ± 1 amu	[M+H-H ₂ O] ⁺ = 385.4 amu



Approved by:

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