

4 β -Hydroxycholesterol
(Cholest-5-en-3 β ,4 β -diol)
700036P-10mg

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Molecular Weight 402.653
Chemical Formula C₂₇H₄₆O₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5121PIB012
Avanti Lot Number 700036P-10MG-B-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (1:1 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] ⁺ = 420.653 ± 1 amu	[M+NH ₄] ⁺ = 420.9 amu

Approved by:

