

7 β -hydroxycholesterolcholest-5-en-3 β ,7 β -diol**700035P-5mg**

Page 1 of 1

Molecular Weight 402.653
Chemical Formula C₂₇H₄₆O₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5120PHC014
Avanti Lot Number 700035P-5MG-C-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 \pm 1 amu	[M+H-H ₂ O] ⁺ = 385.4 amu

Approved by: *Andriana Thomas*

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