

27-hydroxycholesterol

cholest-(25R)-5-ene-3 β ,27-diol

700021P-1mg

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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	5107PGA014
Avanti Lot Number	700021P-1MG-A-014

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+H-H ₂ O] ⁺ = 385.653 $\pm$ 1 amu	[M+H-H ₂ O] ⁺ = 385.5 amu

Approved by:

