

22(S)-hydroxycholesterolcholest-5-ene-3 β ,22(S)-diol**700057P-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 5139PHD011
Avanti Lot Number 700057P-5MG-D-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (2:1 Hexane: Ethyl Acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 420.653 $\pm$ 1 amu	[M+NH ₄] ⁺ = 420.5 amu

Approved By: *Anderson Thomas*

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