

24(R)-Hydroxycholesterolcholest-5-ene-3 β ,24(R)-diol

700071P-1mg

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Molecular Weight 402.66
Chemical Formula C₂₇H₄₆O₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5153PGA011
Avanti Lot Number 700071P-1MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (2:1 Hexane Ethyl Acetate)	>99% Purity Ninhydrin spray: 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] ⁺ = 420.66 ± 1 amu	[M+H] ⁺ = 420.57 amu

Approved By:



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