

7-dehydrocholesterol

Δ,5,7-cholesterol

700066P-5mg

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Molecular Weight	384.638
Molecular Formula	C ₂₇ H ₄₄ O
Physical State	Powder
Storage	-80°C
Expiration Date	Three months from date of receipt
M Lot Number	5148PHA014
Avanti Lot Number	700066P-5MG-A-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (7:3 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
Carbon NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 402.638 ± 1 amu	[M+NH ₄] ⁺ = 402.5 amu

Approved By:



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