

7-Ketocholesterol

3 β -Hydroxy-5-Cholestene-7-one

700015P-50mg

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Molecular Weight	400.637
Chemical Formula	C ₂₇ H ₄₄ O ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5102PKA018
Avanti Lot Number	700015P-50MG-A-018

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 reference structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 401.637 $\pm$ 1 amu	[M+H] ⁺ = 401.7 amu

Approved By:

Meredith Baygood

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