

15-ketocholestene

 3 β -hydroxy-5 α -cholest-8(14)-en-15-one

700008P-5mg

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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	5095PHB012
Avanti Lot Number	700008P-5MG-B-012

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
HPLC-ELSD	NLT 99% (AUC)	99.9% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 401.637 \pm 1 amu [M+NH ₄] ⁺ = 418.637 \pm 1 amu	[M+H] ⁺ = 401.6 amu

Approved by:

