

15-ketocholestane

 3 β -hydroxy-5 α -cholestane-15-one

700009P-5mg

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Molecular Weight	402.653
Chemical Formula	C ₂₇ H ₄₆ O ₂
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5096PHA010
Avanti Lot Number	700009P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (9:1 Chloroform:Methanol)	>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
Mass Spectroscopy	[M+NH ₄] ⁺ = 420.653 \pm 1 amu	[M+NH ₄] ⁺ = 420.7 \pm 1 amu

Approved by:

