

7-ketocholesterol

3 β -hydroxy-5-cholestene-7-one

700015P-5mg

Page 1 of 1

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	5102PHA016
Avanti Lot Number	700015P-5MG-A-016

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)	99.5% (AUC)
Proton NMR	NMR spectrum consistent with structure	Pass
Mass Spectroscopy	[M+H] ⁺ = 401.637 $\pm$ 1 amu	[M+H] ⁺ = 401.5 amu

Approved by:

