

7-Ketocholesterol**3 β -Hydroxy-5-Cholestene-7-one****700015P-5mg****Page 1 of 1**

Molecular Weight 400.637
Chemical Formula C₂₇H₄₄O₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5102PHC018
Avanti Lot Number 700015P-5MG-C-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:

For Research Use Only. Not For Human Use.