

cholestenone
4-cholesten-3-one
700065P-5mg

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Molecular Weight 384.638
Chemical Formula C₂₇H₄₄O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5147PHB011
Avanti Lot Number 700065P-5MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (85:15 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)	99.96% (AUC)
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 385.638 ± 1 amu	[M+H] ⁺ = 385.2 amu

Approved by:

