

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

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**Molecular Weight** 384.638  
**Chemical Formula** C<sub>27</sub>H<sub>44</sub>O  
**Physical State** Powder  
**Storage** -20 °C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5147PHA011  
**Avanti Lot Number** 700065P-5MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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] <sup>+</sup> = 385.638 ± 1 amu	[M+H] <sup>+</sup> = 385.2 amu

Approved by:

