

**3 $\beta$ -hydroxy-7-oxo-5-cholestenoic acid**  
 (25R)-cholest-5-en-26-oic acid, 3 $\beta$ -hydroxy-7-oxo  
**700026P-5mg**

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**Molecular Weight** 430.62  
**Chemical Formula** C<sub>27</sub>H<sub>42</sub>O<sub>4</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5112PHA012  
**Avanti Lot Number** 700026P-5MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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-H] <sup>-</sup> = 429.620 ± 1 amu	[M-H] <sup>-</sup> = 429.5 amu

Approved by:

