

**3 $\beta$ ,24S-dihydroxy-5-cholestenoic acid**  
 (25R)-cholest-5-en-26-oic acid,3 $\beta$ ,24S-dihydroxy  
**700130P-1mg**

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**Molecular Weight** 432.636  
**Chemical Formula** C<sub>27</sub>H<sub>44</sub>O<sub>4</sub>  
**Physical State** Powder  
**Storage** -20 °C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5199PGA010  
**Avanti Lot Number** 700130P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>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	Consistent with structure
Mass Spectroscopy	[M-H] <sup>-</sup> = 431.636 ± 1 amu	[M-H] <sup>-</sup> = 431.4 amu

Approved By:

