

**lanosterol-d6****26,26,26,27,27,27-hexadeuteriolanosta-8,24-dien-3 $\beta$ -ol****700090P-1mg****Page 1 of 1**

**Molecular Weight** 432.754  
**Chemical Formula** C<sub>30</sub>H<sub>44</sub>D<sub>6</sub>O  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5172PGH011  
**Avanti Lot Number** 700090P-1MG-H-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (8:2 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 structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 450.754 $\pm$ 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 450.6 amu

Approved By:



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