

**lanosterol-d6**

26,26,26,27,27,27-hexadeuteriolanosta-8,24-dien-3β-ol

**700090P-1mg**

Page 1 of 1

<b>Molecular Weight</b>	432.754
<b>Chemical Formula</b>	C <sub>30</sub> H <sub>44</sub> D <sub>6</sub> O
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5172PGD011
<b>Avanti Lot Number</b>	700090P-1MG-D-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 reference structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 450.754 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 450.6 amu

Approved By:



For Research Use Only. Not For Human Use.