

14-demethyl-lanosterol-d6

(4,4-dimethyl-d6)cholest-8(9),24-dien-3β-ol

700074P-1mg

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Molecular Weight	418.728
Chemical Formula	C ₂₉ H ₄₂ D ₆ O
Physical State	Powder
Storage	-80 °C
Expiration Date	One year from date of receipt
M Lot Number	5156PGA011
Avanti Lot Number	700074P-1MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (9:1 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 ₄] ⁺ = 436.728 ± 1 amu	[M+NH ₄] ⁺ = 436.70 amu

Approved by:

