

lanosterol-d6

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

700090P-1mg

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Molecular Weight	432.754
Chemical Formula	C ₃₀ H ₄₄ D ₆ O
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5172PGB011
Avanti Lot Number	700090P-1MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (95:5 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+NH ₄] ⁺ = 450.754 \pm 1 amu	[M+NH ₄] ⁺ = 450.6 amu

Approved by:

