

dihydrolanosterol-d7

 25,26,26,26,27,27,27-heptadeuteriolanost-8-en-3 β -ol

700091P-1mg

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Molecular Weight	435.776
Chemical Formula	C ₃₀ H ₄₅ D ₇ O
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5173PGC010
Avanti Lot Number	700091P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: 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)	99.0% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 453.776 ± 1 amu	[M+NH ₄] ⁺ = 453.8 amu

 Approved by: *Anderson Thomas*

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