

Lathosterol-d75 α -Cholest-7-en-3 β -ol (25,26,26,26,27,27,27-d7)**700056P-1mg****Page 1 of 1**

Molecular Weight 393.697
Chemical Formula C₂₇H₃₉D₇O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5138PGG011
Avanti Lot Number 700056P-1MG-G-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (85:15 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 ₄] ⁺ = 411.697 \pm 1 amu	[M+NH ₄] ⁺ = 411.6 amu

Approved By:



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