

lanosterol-d626,26,26,27,27,27-hexadeuteriolanosta-8,24-dien-3 β -ol**700090P-1mg**

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Molecular Weight 432.754
Chemical Formula C₃₀H₄₄D₆O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5172PGF011
Avanti Lot Number 700090P-1MG-F-011

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)	100% (AUC)
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 450.754 \pm 1 amu	[M+NH ₄] ⁺ = 450.6 amu



Approved By:

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