

desmosterol-d6
 cholesta-5,24-dien-3 β -ol-d6
 700040P-1mg

Page 1 of 1

Molecular Weight 390.675
Chemical Formula C₂₇H₃₈OD₆
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5124PGA014
Avanti Lot Number 700040P-1MG-A-014

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)	99.5% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H-H ₂ O] ⁺ = 373.6 ± 1 amu [M+NH ₄] ⁺ = 408.675 ± 1 amu	[M+H-H ₂ O] ⁺ = 373.6 amu [M+NH ₄] ⁺ = 408.6 amu

Approved by:

