

7-dehydrocholesterol-d7

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700116P-1mg

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Molecular Weight	391.681
Chemical Formula	C ₂₇ H ₃₇ D ₇ O
Physical State	Powder
Storage	-80°C
Expiration Date	One year from date of receipt
M Lot Number	5185PGB010
Avanti Lot Number	700116P-1MG-B-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)	99.8% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 409.681 ± 1 amu	[M+NH ₄] ⁺ = 409.7 amu

Approved by:

