

F7-Cholesterol

25,26,26,26,27,27,27-heptafluorocholesterol

700002P-5mg

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Molecular Weight	512.587
Chemical Formula	C ₂₇ H ₃₉ OF ₇
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5094PHG011
Avanti Lot Number	700002P-5MG-G-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (7:3 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)	99.7% (AUC)
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Mass Spectroscopy	[M+H-H ₂ O] ⁺ = 495.587 ± 1 amu [M+NH ₄] ⁺ = 530.587 ± 1 amu	[M+H-H ₂ O] ⁺ = 495.7 amu [M+NH ₄] ⁺ = 530.7 amu

Approved By:



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