

F7-Cholesterol

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

700002P-5mg

Page 1 of 1

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	5094PHB011
Avanti Lot Number	700002P-5MG-B-011

ANALYSIS	SPECIFICATION	SOP
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 structure	Consistent with structure
Mass Spectroscopy	[M+H-H ₂ O] ⁺ = 495.587 ± 1 amu [M+NH ₄] ⁺ = 530.587 ± 1 amu	[M+NH ₄] ⁺ = 530.7 ± 1 amu

Approved by:

