

DC-Cholesterol-HCL

3 β -[N-(N',N'-dimethylaminoethane)-carbamoyl]cholesterol hydrochloride

700001P-200mg

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Molecular Weight	537.26
Chemical Formula	C ₃₂ H ₅₇ N ₂ O ₂ Cl
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5093PNA026
Avanti Lot Number	700001P-200MG-A-026

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>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 structure	Consistent with structure
Carbon NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Cl] ⁺ = 501.8 \pm 1 amu	[M-Cl] ⁺ = 501.1 amu

Approved By:



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