

24(S),25-epoxycholesterol

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700039P-1mg

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Molecular Weight	400.637
Chemical Formula	C ₂₇ H ₄₄ O ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5123PGE011
Avanti Lot Number	700039P-1MG-E-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (2:1 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)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 401.637 ± 1 amu or [M+NH ₄] ⁺ = 418.637 ± 1 amu	[M+H] ⁺ = 401.6 amu [M+NH ₄] ⁺ = 418.5 amu

Approved By: *Anderson Thomas*

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