

24(R/S),25-epoxycholesterol

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700037P-1mg**Page 1 of 1**

Molecular Weight 400.637
Chemical Formula C₂₇H₄₄O₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5122PGD011
Avanti Lot Number 700037P-1MG-D-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)	100% (AUC)
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 418.637 ± 1 amu	[M+NH ₄] ⁺ = 418.7 amu



Approved By:

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