

5 α ,6 α -epoxycholestanolcholestanol, 5 α ,6 α -epoxy**700032P-5mg**

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Molecular Weight 402.653
Chemical Formula C₂₇H₄₆O₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5117PHG011
Avanti Lot Number 700032P-5MG-G-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 reference structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 420.653 \pm 1 amu	[M+NH ₄] ⁺ = 420.6 amu

Approved By: *Anderson Thomas*

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