

campesterol
campest-5-en-3 β -ol
700126P-1mg

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Molecular Weight 400.68
Chemical Formula C₂₈H₄₈O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5195PGG010
Avanti Lot Number 700126P-1MG-G-010

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)	99.9% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 418.680 ± 1 amu	[M+NH ₄] ⁺ = 418.8 amu

Approved by: *Anderson Thomas*

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