

14-dehydro zymostenol

cholesta-8(9),14-dien-3 β -ol

700188P-1mg

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Molecular Weight	384.65
Chemical Formula	C ₂₇ H ₄₄ O
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6624PGC010
Avanti Lot Number	700188P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (8:2 Hexane: Ethyl Acetate)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 385.65 $\pm$ 1 amu [M+NH ₄] ⁺ = 402.65 $\pm$ 1 amu	[M+H] ⁺ = 385.8 amu [M+NH ₄] ⁺ = 402.8 amu
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)

Kristina Lee

Approved By:

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