

zymosterol

 5 α -cholesta-8,24-dien-3 β -ol

700068P-5mg

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Molecular Weight	384.638
Chemical Formula	C ₂₇ H ₄₄ O
Physical State	Powder
Storage	-80 °C
Expiration Date	One year from date of receipt
M Lot Number	5150PHA013
Avanti Lot Number	700068P-5MG-A-013

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (8:2 Hexane:Ethyl Acetate)	>99% Purity Ninhydrin: 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+NH ₄] ⁺ = 402.638 \pm 1 amu	[M+NH ₄] ⁺ = 402.6 amu

Approved by:

