

lathosterol

 5 α -cholest-7-en-3 β -ol

700069P-5mg

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Molecular Weight	386.654
Chemical Formula	C ₂₇ H ₄₆ O
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5151PHC011
Avanti Lot Number	700069P-5MG-C-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (3:1 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] ⁺ = 404.654 \pm 1 amu	[M+NH ₄] ⁺ = 404.60 amu

Approved by:



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