

zymosterone
 cholesta-8(9),24-dien-3-one
 700079P-1mg

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Molecular Weight 382.622
Chemical Formula C₂₇H₄₂O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5161PGB012
Avanti Lot Number 700079P-1MG-B-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (85:15 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] ⁺ = 400.622 ± 1 amu	[M+NH ₄] ⁺ = 400.5 amu
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)



Approved By: