

lathosterol

5 α -cholest-7-en-3 β -ol

700069P-10mg

Page 1 of 1

Molecular Weight 386.654
Chemical Formula C₂₇H₄₆O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5151PID012
Avanti Lot Number 700069P-10MG-D-012

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
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 404.654 \pm 1 amu	[M+NH ₄] ⁺ = 404.5 amu

Approved By:

Meredit Bayood

For Research Use Only. Not For Human Use.