Avanti® Polar Lipids, Inc.

Certificate of Analysis

lathosterol

5α-cholest-7-en-3ß-ol

700069P-10mg

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	5151PIA011
Avanti Lot Number	700069P-10MG-A-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 ± 1 amu	$[M+NH_4]^+$ = 404.6 amu

Approved by:

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