

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 | 5151PHA013 |
| Avanti Lot Number | 700069P-5MG-A-013 |

| 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: *Anderson Thomas*

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