

lanosterol-d6

26,26,26,27,27,27-hexadeuteriolanosta-8,24-dien-3β-ol

700090P-1mg

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|--------------------------|--|
| Molecular Weight | 432.754 |
| Chemical Formula | C ₃₀ H ₄₄ D ₆ O |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5172PGC011 |
| Avanti Lot Number | 700090P-1MG-C-011 |

| ANALYSIS | SPECIFICATION | RESULTS |
|------------------------------------|---|---|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (8:2 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 reference structure | Consistent with structure |
| Mass Spectroscopy | [M+NH ₄] ⁺ = 450.754 ± 1 amu | [M+NH ₄] ⁺ = 450.6 amu |

Approved By:



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