

7-dehydrocholesterol-d7

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700116P-1mg

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Molecular Weight 391.681
Chemical Formula C₂₇H₃₇D₇O
Physical State Powder
Storage -80°C
Expiration Date One year from date of receipt
M Lot Number 5185PGF010
Avanti Lot Number 700116P-1MG-F-010

| 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) | 99.8% (AUC) |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+NH ₄] ⁺ = 409.681 ± 1 amu | [M+NH ₄] ⁺ = 409.7 amu |



Approved By:

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