

7 α -hydroxycholestenone-d7

 7 α -hydroxy-4-cholesten-3-one-d7

700112P-5mg

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| | |
|--------------------------|---|
| Molecular Weight | 407.68 |
| Chemical Formula | C ₂₇ H ₃₇ D ₇ O ₂ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5181PHB011 |
| Avanti Lot Number | 700112P-5MG-B-011 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-----------------------------------|---|---|
| Physical examination | Powder: White solid which contains no foreign matter. | Pass |
| TLC (1:1 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] ⁺ = 425.680 ± 1 amu | [M+NH ₄] ⁺ = 425.5 amu |

Approved By:

