

Cholenic acid-d4

5β-hydroxychol-5-en-24-oic acid-d4

330840P-1mg

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|--------------------------|---|
| Molecular Weight | 378.59 |
| Chemical Formula | C ₂₄ H ₃₄ D ₄ O ₃ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 7020PGAA010 |
| Avanti Lot Number | 330840P-1MG-A-010 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-----------------------------------|---|---|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (9:1 Chloroform: Methanol) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot | >99% Purity Ninhydrin: negative Iodine: one major spot, 1 minor spot Phosphorus: negative Charring: positive Water dip: one major spot, 1 minor spot |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Carbon NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M-H] ⁻ = 377.59 ± 1 amu | [M-H] ⁻ = 377.5 amu |

 Approved By: 

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