

18:1 Chol (D7) ester

 25,26,26,26,27,27,27-heptadeuteriocholest-5-en-3 β -ol (9Z-octadecenoate)

700185M-1mg
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|--------------------------|---|
| Molecular Weight | 658.143 |
| Chemical Formula | C ₄₅ H ₇₁ D ₇ O ₂ |
| Physical State | Methylene Chloride |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5227MGE015 |
| Avanti Lot Number | 700185M-1MG-E-015 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-------------------------------------|---|---|
| Physical Examination | Methylene Chloride: Clear solution with no foreign matter | Pass |
| TLC (95:5 Hexane: Ethyl Acetate) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+NH ₄] ⁺ = 676.143 ± 1 amu | [M+NH ₄] ⁺ = 675.8 amu |

Approved By:



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