

17:0 cholesteryl ester

cholest-5-en-3 β -yl heptadecanoate

700186M-1mg

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| | |
|--------------------------|--|
| Molecular Weight | 639.089 |
| Chemical Formula | C ₄₄ H ₇₈ O ₂ |
| Physical State | Methylene Chloride |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5228MGD012 |
| Avanti Lot Number | 700186M-1MG-D-012 |

| 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 |
| FAME (GC/FID) | NLT 99% 17:0 (AUC) | 100% (AUC) |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| HPLC-ELSD | NLT 99% (AUC) | 100% (AUC) |
| Mass Spectroscopy | [M+NH ₄] ⁺ = 657.089 \pm 1 amu | [M+NH ₄] ⁺ = 656.8 amu |

Approved by:



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