

DOTMA

1,2-di-O-octadecenyl-3-trimethylammonium propane (chloride salt)

890898C-200mg

Page 1 of 1

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|--------------------------|---|
| Molecular Weight | 670.575 |
| Chemical Formula | C ₄₂ H ₈₄ ClNO ₂ |
| Physical State | Chloroform |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6364CNA033 |
| Avanti Lot Number | 890898C-200MG-A-033 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-----------------------------------|---|---------------------------|
| Physical Examination | Chloroform: Clear solution with no foreign matter | Pass |
| TLC (8:2 Chloroform: Methanol) | >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-Cl] ⁺ = 635.575 ± 1 amu | Pass |

Approved By:



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