

ALC-0315
6-((2-hexyldecanoyl)oxy)-N-(6-((2-hexyldecanoyl)oxy)hexyl)-N-(4-hydroxybutyl)hexan-1-amium
890900O-1g
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| | |
|--------------------------|---|
| Molecular Weight | 766.3 |
| Chemical Formula | C ₄₈ H ₉₆ NO ₅ |
| Physical State | Oil |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 7049OQD010 |
| Avanti Lot Number | 890900O-1G-D-010 |

| ANALYSIS | SPECIFICATION | RESULTS |
|---|---|---|
| Physical Examination | Neat Oil: clear, viscous liquid with no foreign matter | Pass |
| TLC (90:10:0.5 Chloroform: Methanol :Ammonium Hydroxide) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| UHPLC-CAD | Run and Report | 99% recovery 99.1% ALC-0315 |
| Mass Spectroscopy | [M+H] ⁺ = 767.3 ± 1 amu | [M+H] ⁺ = 766.6 amu |

 Approved By: *Andriana Thomas*

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