

DOPE-PEG(2000) Carboxylic acid

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-[carboxy(polyethylene glycol)-2000] (sodium salt)

880235C-10mg

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| Molecular Weight | 2776.38 (average MW due to polydispersity of PEG) |
| Chemical Formula | C ₁₃₁ H ₂₅₃ NNaO ₅₅ P |
| Physical State | Chloroform |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6694CIA010 |
| Avanti Lot Number | 880235C-10MG-A-010 |

| ANALYSIS | SPECIFICATION | RESULTS |
|---|---|---------------------------|
| Physical Examination | Chloroform: Clear, colorless solution which contains no foreign matter | Pass |
| TLC (80:20:2 Chloroform : Methanol : Ammonium Hydroxide) | >99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | All Pass |
| HPLC-ELSD | NLT 99% (AUC) | 99% (AUC) |
| FAME (GC/FID) | NLT 99% (AUC) | 99.6% (AUC) |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Average Molecular Weight (MW) by TOF-MS | Run & Report | 2854.085 |
| Polydispersity Index by TOF-MS | Run & Report | 1.005 |

Approved By:



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