

14:0 NBD PE

1,2-dimyristoyl-sn-glycero-3-phosphoethanolamine-N-(7-nitro-2-1,3-benzoxadiazol-4-yl) (ammonium salt)

810143P-1mg

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|--------------------------|--|
| Molecular Weight | 815.974 |
| Chemical Formula | C ₃₉ H ₇₀ N ₅ O ₁₁ P |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5336PGA022 |
| Avanti Lot Number | 810143P-1MG-A-022 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-------------------------------|--|--------------------------------|
| Physical examination | Powder: Yellow to orange solid which contains no foreign matter. | Pass |
| TLC | >99% Purity UV: one major spot Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative to slight positive Water dip: one major spot | All pass |
| Mass Spectroscopy | [M+H] ⁺ = 816.974 ± 1 amu or [M-NH ₄] ⁺ = 797.974 ± 1 amu | [M+H] ⁺ = 817.0 amu |
| Excitation/Emission by UV/VIS | λ _{Ex max} = 460nm λ _{Em max} = 535nm | Pass |

Approved By:

