

14:0 NBD PE

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

810143C-1mg

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Molecular Weight	815.974
Chemical Formula	C ₃₉ H ₇₀ N ₅ O ₁₁ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5336CGB022
Avanti Lot Number	810143C-1MG-B-022

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Yellow to orange solution with 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: *Melissa Liles*

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