

16:0 NBD PE

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

810144C-5mg

Page 1 of 1

Molecular Weight	872.090
Chemical Formula	C ₄₃ H ₇₈ N ₅ O ₁₁ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5337CHD039
Avanti Lot Number	810144C-5MG-D-039

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Yellow to orange solution with no foreign matter	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative to slight positive Water dip: one major spot	All Pass
Excitation/Emission by UV/Vis	460nm/535nm	Pass
Mass Spectroscopy	[M-NH ₄] ⁺ = 854.090 ± 1 amu	[M-NH ₄] ⁺ = 853.6 amu

Approved By: *Meredith Bayfoot*

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