

18:1 NBD-PEG4 Lyso PE

1-oleoyl-2-hydroxy-sn-glycero-3-phosphoethanolamine-N-[tetra(ethylene glycol)]-N'-(7-nitro-2-1,3-benzoxadiazol-4-yl) (ammonium salt)

810159C-1mg

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Molecular Weight	906.997
Chemical Formula	C ₄₀ H ₇₁ N ₆ O ₁₅ P
Physical State	Chloroform
Storage	-20 °C
Expiration Date	Three months from date of receipt
M Lot Number	5349CGA010
Avanti Lot Number	810159C-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Yellow to orange solution with no foreign matter.	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Mass Spectroscopy	[M-NH ₄] ⁺ = 888.997 ± 1 amu	[M-NH ₄] ⁺ = 888.9 amu
Excitation/Emission by UV/VIS	λ _{Ex max} = ~465nm λ _{Em max} = ~539nm	Pass

Approved By:

