

16:0-12:0 NBD PS

 1-palmitoyl-2-(12-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]dodecanoyl)-sn-glycero-3-phosphoserine
 (ammonium salt)

810193C-1mg

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Molecular Weight	874.998
Chemical Formula	C ₄₀ H ₇₁ N ₆ O ₁₃ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5373CGA023
Avanti Lot Number	810193C-1MG-A-023

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 Water dip: one major spot	All Pass
Mass Spectroscopy	[M-NH ₄ +2H] ⁺ = 858.974 ± 1 amu or [M-NH ₄] ⁺ = 856.998 ± 1 amu	[M-NH ₄ +2H] ⁺ = 858.6 amu
Excitation/Emission by UV/VIS	λ _{Ex max} = 467 nm λ _{Em max} = 535 nm	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved By:

