

16:0-d31-18:1 PS

1-palmitoyl-d31-2-oleoyl-sn-glycero-3-[phospho-L-serine] (sodium salt)

860403C-10mg

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Molecular Weight	815.179
Chemical Formula	C ₄₀ H ₄₄ NO ₁₀ PNaD ₃₁
Physical State	Chloroform
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5916CIA025
Avanti Lot Number	860403C-10MG-A-025

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All pass
FAME (GC/FID)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% Total	46.7% 16:0 (AUC) 52.7% 18:1 (AUC) 99.4% total (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Calcium (ICP/MS)	NMT 500ppm	0.4 ppm

Approved By:

