

16:0-d31-18:1 PA
1-palmitoyl-d31-2-oleoyl-sn-glycero-3-phosphate (sodium salt)
860453C-10mg
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Molecular Weight	728.101
Chemical Formula	C ₃₇ H ₃₉ O ₈ PNaD ₃₁
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5923CIA018
Avanti Lot Number	860453C-10MG-A-018

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All pass
Calcium (ICP/MS)	NMT 500ppm	None detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] ⁻ = 701.101 - 707.101 ± 1 amu (Multiple peaks will be observed across this range due to proton/deuterium exchange)	[M-Na] ⁻ = 702.8 amu
Isotopic Purity by Mass Spec	Run and Report	Consistent with historical data

Approved By:

