

**16:0-d31-18:1 PA**
**1-palmitoyl-d31-2-oleoyl-sn-glycero-3-phosphate (sodium salt)**
**860453P-10mg**
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<b>Molecular Weight</b>	728.101
<b>Chemical Formula</b>	C <sub>37</sub> H <sub>39</sub> O <sub>8</sub> PNaD <sub>31</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5923PIA017
<b>Avanti Lot Number</b>	860453P-10MG-A-017

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains 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 500 ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] <sup>-</sup> = 701.101 - 707.101 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M-Na] <sup>-</sup> = 702.7 amu

Approved By:



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