

**16:0-d31-18:1 PA**
**1-palmitoyl-d31-2-oleoyl-sn-glycero-3-phosphate (sodium salt)**
**860453C-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>	Chloroform
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5923CIA016
<b>Avanti Lot Number</b>	860453C-10MG-A-016

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Chloroform:</b> 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] <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> = 702.8 amu

Approved By:

