

**16:0-d31-18:1 PE**
**1-palmitoyl-d31-2-oleoyl-sn-glycero-3-phosphoethanolamine**
**860374P-10mg**

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<b>Molecular Weight</b>	749.187
<b>Chemical Formula</b>	C <sub>39</sub> H <sub>45</sub> NO <sub>8</sub> PD <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>	5900PIB034
<b>Avanti Lot Number</b>	860374P-10MG-B-034

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> 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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 745.187 – 751.187 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] <sup>+</sup> = 749.0 amu

Approved by:

