

**14:0 PC-d67**

**1,2-dimyristoyl-d54-sn-glycero-3-phosphocholine-1,1,2,2-d4-N,N,N-trimethyl-d9**

**860348P-25mg**

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<b>Molecular Weight</b>	745.345
<b>Chemical Formula</b>	C <sub>36</sub> H <sub>5</sub> NO <sub>8</sub> PD <sub>67</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>	5887PJA046
<b>Avanti Lot Number</b>	860348P-25MG-A-046

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: negative Water dip: one major spot	All pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 741.3 – 747.3 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] <sup>+</sup> = 744.0 amu

Approved By:

