

**16:0 PC-d66**

**1,2-dipalmitoyl-d62-sn-glycero-3-phosphocholine-1,1,2,2-d4**

**860356P-10mg**

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<b>Molecular Weight</b>	800.446
<b>Chemical Formula</b>	C <sub>40</sub> H <sub>14</sub> NO <sub>8</sub> PD <sub>66</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>	6501PIA010
<b>Avanti Lot Number</b>	860356P-10MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: 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> = 796.446 - 802.446 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] <sup>+</sup> = 798.6 amu

Approved By:



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