

## 14:0-d27 Lyso PC

1-myristoyl-d27-sn-glycero-3-phosphocholine

860396P-10mg

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<b>Molecular Weight</b>	494.743
<b>Chemical Formula</b>	C <sub>22</sub> H <sub>19</sub> NO <sub>7</sub> PD <sub>27</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>	6508PIA019
<b>Avanti Lot Number</b>	860396P-10MG-A-019

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> = 491.743-497.743 ± 1 amu [M+Na] <sup>+</sup> = 513.743-519.743 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] <sup>+</sup> = 495.9 amu [M+Na] <sup>+</sup> = 516.7 amu

Approved By:



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