

**14:0-14:0-d27 PC**

**1-myristoyl-2-myristoyl-d27-sn-glycero-3-phosphocholine**

**860391P-10MG**

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<b>Molecular weight</b>	705.099
<b>Chemical formula</b>	C <sub>36</sub> H <sub>45</sub> NO <sub>8</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>	5907PIB015
<b>Avanti Lot Number</b>	860391P-10MG-B-015

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> = 701.1 – 707.1 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	Pass

Approved By:

