

**18:1(d7) Lyso PC**

1-oleoyl(d7)-2-hydroxy-sn-glycero-3-phosphocholine

**791643C-1mg**

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<b>Molecular Weight</b>	528.71
<b>Chemical Formula</b>	C <sub>26</sub> H <sub>45</sub> D <sub>7</sub> NO <sub>7</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5272CGB012
<b>Avanti Lot Number</b>	791643C-1MG-B-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative 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> = 529.71 ± 1 amu	[M+H] <sup>+</sup> = 529.38 amu
Calcium (ICP/MS)	NMT 500ppm	None Detected

 Approved By: *Anderson Thomas*

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