

**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>	5272CGB010
<b>Avanti Lot Number</b>	791643C-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: 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> = 528.7-531.7 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] <sup>+</sup> = 529.8 amu
Calcium (ICP/MS)	NMT 500ppm	19.0 ppm

 Approved by: 