

**18:1-d9 SM**
**N-oleoyl(d9)-D-erythro-sphingosylphosphorylcholine**
**791649C-1mg**

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<b>Molecular Weight</b>	738.121
<b>Chemical Formula</b>	C <sub>41</sub> H <sub>72</sub> D <sub>9</sub> N <sub>2</sub> O <sub>6</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>	5278CGA010
<b>Avanti Lot Number</b>	791649C-1MG-A-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> = 739.1 ± 1 amu	[M+H] <sup>+</sup> = 739.2 amu

Approved by:

