

**20:1 SM (d18:1/20:1)-d9**
**N-eicos-11-enoyl-D-erythro-sphingosylphosphorylcholine-d9**
**860742L-1mg**
**Page 1 of 1**

<b>Molecular Weight</b>	766.17
<b>Chemical Formula</b>	C <sub>43</sub> H <sub>76</sub> D <sub>9</sub> N <sub>2</sub> O <sub>6</sub> P
<b>Physical State</b>	1:1 Dichloromethane: Methanol
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6785LGA010
<b>Avanti Lot Number</b>	860742L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear solution with no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Ammonium Hydroxide)	>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> = 767.17 ± 1 amu	[M+H] <sup>+</sup> = 767.0 amu

Approved By:



For Research Use Only. Not For Human Use.