

**C8 Ceramide-1-Phosphate (d18:1/8:0)**

N-octanoyl-ceramide-1-phosphate (ammonium salt)

**860532P-1mg**
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<b>Molecular Weight</b>	522.698
<b>Chemical Formula</b>	C <sub>26</sub> H <sub>55</sub> N <sub>2</sub> O <sub>6</sub> P
<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>	5983PGF014
<b>Avanti Lot Number</b>	860532P-1MG-F-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>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-NH <sub>4</sub> ] <sup>+</sup> = 504.698 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 504.7 amu

Approved by:



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