

**C16 Dihydroceramide-1-Phosphate (d18:0/16:0)**

N-palmitoyl-D-erythro-dihydroceramide-1-phosphate (ammonium salt)

**860522P-1mg**

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<b>Molecular Weight</b>	636.927
<b>Chemical Formula</b>	C <sub>34</sub> H <sub>73</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>	5974PGA010
<b>Avanti Lot Number</b>	860522P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative 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> = 618.927 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 618.90 amu

Approved by:

