

**16:0 3-deoxy-C1P**

N-palmitoyl-3-deoxy-ceramide-1-phosphate (ammonium salt)

**860594P-1mg**

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**Molecular Weight** 618.912  
**Chemical Formula** C<sub>34</sub>H<sub>71</sub>N<sub>2</sub>O<sub>5</sub>P  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6035PGB011  
**Avanti Lot Number** 860594P-1MG-B-011

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: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH <sub>4</sub> ] <sup>+</sup> = 600.912 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 601.0 amu

Approved by:



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