

**C16 Ceramide-1-Phosphate (d18:1/16:0)**  
**N-palmitoyl-ceramide-1-phosphate (ammonium salt)**  
**860533P-1mg**

Page 1 of 1

**Molecular Weight** 634.911  
**Chemical Formula** C<sub>34</sub>H<sub>71</sub>N<sub>2</sub>O<sub>6</sub>P  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5984PGB012  
**Avanti Lot Number** 860533P-1MG-B-012

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (65:25:4 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
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH <sub>4</sub> ] <sup>-</sup> = 616.911 ± 1 amu	[M-NH <sub>4</sub> ] <sup>-</sup> = 616.8 amu

Approved by:

