

**C6 ceramide-1,3-cyclic-phosphate (d18:1/6:0)**  
**N-hexanoyl-ceramide-1,3-cyclic-phosphate (ammonium salt)**  
**860704P-5mg**

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**Molecular Weight** 476.64  
**Chemical Formula** C<sub>24</sub>H<sub>49</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** 6904PHA010  
**Avanti Lot Number** 860704P-5MG-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: 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> = 458.64 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 458.5 amu

Approved By:



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