

**08:0 PI(3,5)P2**

**1,2-diocanoyl-sn-glycero-3-phospho-(1'-myo-inositol-3',5'-bisphosphate) (ammonium salt)**

**850184P-100µg**

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<b>Molecular Weight</b>	797.658
<b>Chemical Formula</b>	C <sub>25</sub> H <sub>58</sub> N <sub>3</sub> O <sub>19</sub> P <sub>3</sub>
<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>	5620PDB011
<b>Avanti Lot Number</b>	850184P-100UG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (45: 35: 7.7: 2.3 Chloroform: Methanol: Water: Ammonium Hydroxide)	>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
Phosphorus NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M-3NH <sub>4</sub> +2H] <sup>-</sup> = 745.658 ± 1 amu [M-3NH <sub>4</sub> +H] <sup>2-</sup> = 372.329 ± 1 amu	[M-3NH <sub>4</sub> +2H] <sup>-</sup> = 745.7 amu [M-3NH <sub>4</sub> +H] <sup>2-</sup> = 372.5 amu

Approved By:



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