

**18:1 PI(3,5)P2**

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

**850154P-100ug**

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<b>Molecular Weight</b>	1074.158
<b>Chemical Formula</b>	C <sub>45</sub> H <sub>94</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>	5605PDE012
<b>Avanti Lot Number</b>	850154P-100UG-E-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Quantitative Proton NMR	Run and report	0.158 mg/unit
Mass Spectroscopy	[M-3NH <sub>4</sub> +H] <sup>2-</sup> = 510.579 ± 1 amu [M-3NH <sub>4</sub> +2H] <sup>-</sup> = 1022.158 ± 1 amu	[M-3NH <sub>4</sub> +H] <sup>2-</sup> = 510.8 amu [M-3NH <sub>4</sub> +2H] <sup>-</sup> = 1022.1 amu

Approved By: *Meredith Bayood*

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