

**18:0 Lyso PI**

**1-stearoyl-2-hydroxy-sn-glycero-3-phosphoinositol (ammonium salt)**

**850104P-500ug**

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<b>Molecular Weight</b>	617.707
<b>Chemical Formula</b>	C <sub>27</sub> H <sub>56</sub> NO <sub>12</sub> P
<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>	5590PFD012
<b>Avanti Lot Number</b>	850104P-500UG-D-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>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 Assay	95-105% recovery phosphorus	Pass
Mass Spectroscopy	[M-NH <sub>4</sub> ] <sup>+</sup> = 599.71 ± 1 amu	[M - NH <sub>4</sub> ] <sup>+</sup> = 599.35 amu

Approved By:



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