

**16:0 Lyso PI**

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

**850102P-100ug**

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<b>Molecular Weight</b>	589.654
<b>Chemical Formula</b>	C <sub>25</sub> H <sub>52</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>	5588PDA011
<b>Avanti Lot Number</b>	850102P-100UG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100% (AUC)
Phosphorus Assay	95-105% recovery phosphorus	Pass
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH <sub>4</sub> ] <sup>+</sup> = 571.654 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 571.2 amu



Approved By:

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