

**06:0 PI(3,4,5)P3**

1,2-dihexanoyl-sn-glycero-3-phospho-(1'-myo-inositol-3',4',5'-trisphosphate) (ammonium salt)

**850176P-500ug**

Page 1 of 1

<b>Molecular Weight</b>	838.562
<b>Chemical Formula</b>	C <sub>21</sub> H <sub>54</sub> N <sub>4</sub> O <sub>22</sub> P <sub>4</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>	5616PFD012
<b>Avanti Lot Number</b>	850176P-500UG-D-012

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-4NH <sub>4</sub> +2H] <sup>2-</sup> = 384.281 ± 1 amu [M-4NH <sub>4</sub> +3H] <sup>-</sup> = 769.562 ± 1 amu	[M-4NH <sub>4</sub> +2H] <sup>2-</sup> = 384.3 amu [M-4NH <sub>4</sub> +3H] <sup>-</sup> = 769.3 amu

Approved by:

