

**08:0 PI(3,4,5)P3**

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

**850186P-100ug**

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<b>Molecular Weight</b>	894.668
<b>Chemical Formula</b>	C <sub>25</sub> H <sub>62</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>	5622PDG011
<b>Avanti Lot Number</b>	850186P-100UG-G-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder</b> : White solid which contains no foreign matter	Pass
TLC	>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> = 412.334 ± 1amu [M-4NH <sub>4</sub> +3H] <sup>-</sup> = 825.668 ± 1amu	[M-4NH <sub>4</sub> +2H] <sup>2-</sup> = 412.2 ± 1amu

Approved by:

