

**IP3(1,4,5)**
**D-myo-inositol-1,4,5-triphosphate (ammonium salt)**
**850115P-500ug**
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<b>Molecular Weight</b>	471.187
<b>Chemical Formula</b>	C <sub>6</sub> H <sub>24</sub> N <sub>3</sub> O <sub>15</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>	5594PFA011
<b>Avanti Lot Number</b>	850115P-500UG-A-011

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
Mass Spectroscopy	[M-3NH <sub>4</sub> +2H] <sup>-</sup> = 419.187 ± 1 amu [M-3NH <sub>4</sub> +H] <sup>2-</sup> = 209.093 ± 1 amu	[M-3NH <sub>4</sub> +2H] <sup>-</sup> = 419.0 amu [M-3NH <sub>4</sub> +H] <sup>2-</sup> = 209.0 amu

Approved by:

