

**IP3(1,3,5)**
**D-myo-inositol-1,3,5-trisphosphate (ammonium salt)**
**850114P-100ug**
**Page 1 of 1**

<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>	5593PDC010
<b>Avanti Lot Number</b>	850114P-100UG-C-010

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> = 208.7 amu

Approved by:



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