

IP3(1,4,5)
D-myo-inositol-1,4,5-triphosphate (ammonium salt)
850115P-500ug
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Molecular Weight	471.187
Chemical Formula	C ₆ H ₂₄ N ₃ O ₁₅ P ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5594PFC011
Avanti Lot Number	850115P-500UG-C-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: 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 ₄ +2H] ⁻ = 419.187 ± 1 amu [M-3NH ₄ +H] ²⁻ = 209.093 ± 1 amu	[M-3NH ₄ +2H] ⁻ = 419.0 amu [M-3NH ₄ +H] ²⁻ = 209.0 amu

 Approved By: *Anderson Thomas*

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