

## beta-D-mannosyl farnesyl phosphate

Beta-D-mannosyl farnesyl phosphate, ammonium salt

700310P-1mg

Page 1 of 1

**Molecular Weight** 481.52  
**Chemical Formula** C<sub>21</sub>H<sub>40</sub>NO<sub>9</sub>P  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6906PGB010  
**Avanti Lot Number** 700310P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive 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-NH <sub>4</sub> ] <sup>+</sup> = 463.52 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 463.6 amu

Approved By: *Meredith Baybutt*

For Research Use Only. Not For Human Use.