

18:1 DGPP

dioleoylglycerol pyrophosphate (ammonium salt)

810811P-5mg

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Molecular Weight	815.007
Chemical Formula	C ₃₉ H ₈₀ N ₂ O ₁₁ P ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5469PHD013
Avanti Lot Number	810811P-5MG-D-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (50:15:13:12:4 Chloroform:Acetone:Methanol:Acetic Acid:Water Must be plated on non-activated 1% Potassium Oxalate plates. Omit ninhydrin analysis)	>99% Purity Ninhydrin: n/a 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
Mass Spectroscopy	[M-2NH ₄ +H] ⁺ = 780.007 ± 1 amu	[M-2NH ₄ +H] ⁺ = 779.6 amu

Approved by: *Andriana Thomas*

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