

16:0 DNP PE

1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine-N-(2,4-dinitrophenyl) (ammonium salt)

810508P-25mg

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Molecular Weight	875.081
Chemical Formula	C ₄₃ H ₇₉ N ₄ O ₁₂ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5449PJB016
Avanti Lot Number	810508P-25MG-B-016

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 857.081 ± 1 amu	[M-NH ₄] ⁺ = 857.2 amu

 Approved By: *Meredith Bayfoot*

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