

DOCPe

2-((2,3-bis(oleoyloxy)propyl)dimethylammonio)ethyl ethyl phosphate

850312P-25mg

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Molecular Weight	800.14
Chemical Formula	C ₄₅ H ₈₆ NO ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5632PJG013
Avanti Lot Number	850312P-25MG-G-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (80:20:2 Chloroform:Methanol:Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 801.14 ± 1 amu	[M+H] ⁺ = 801.1 amu

Approved by:



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