

DOCP

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

850311P-100mg

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Molecular Weight	772.087
Chemical Formula	C ₄₃ H ₈₂ NO ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5631PLC013
Avanti Lot Number	850311P-100MG-C-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: 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+H] ⁺ = 773.087 ± 1 amu	[M+H] ⁺ = 773.1 amu



Approved by:

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