

DOCP

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

850311P-100mg

Page 1 of 1

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	5631PLA013
Avanti Lot Number	850311P-100MG-A-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:

