

DOCPe

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

850312C-25mg

Page 1 of 1

Molecular Weight	800.14
Chemical Formula	C ₄₅ H ₈₆ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5632CJA013
Avanti Lot Number	850312C-25MG-A-013

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with 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	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] ⁺ = 801.14 ± 1 amu	[M+H] ⁺ = 801.1 amu

Approved by:

