

## DOCP

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

850311P-100mg

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**Molecular Weight** 772.087  
**Chemical Formula** C<sub>43</sub>H<sub>82</sub>NO<sub>8</sub>P  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5631PLE014  
**Avanti Lot Number** 850311P-100MG-E-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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] <sup>+</sup> = 773.087 ± 1 amu	[M+H] <sup>+</sup> = 772.7 amu

Approved By:



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