

**DOCPe**

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

**850312P-25mg**

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<b>Molecular Weight</b>	800.14
<b>Chemical Formula</b>	C <sub>45</sub> H <sub>86</sub> NO <sub>8</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5632PJC013
<b>Avanti Lot Number</b>	850312P-25MG-C-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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	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> = 801.14 ± 1 amu	[M+H] <sup>+</sup> = 801.1 amu

Approved by: *Melissa Liles*

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