

**C16-18:1 PE**

1-hexadecyl-2-(9Z-octadecenoyl)-sn-glycero-3-phosphoethanolamine

**878130C-5mg**

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**Molecular Weight** 704.013  
**Chemical Formula** C<sub>39</sub>H<sub>78</sub>NO<sub>7</sub>P  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6281CHD013  
**Avanti Lot Number** 878130C-5MG-D-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive 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
Mass Spectroscopy	[M+H] <sup>+</sup> = 705.0 ± 1 amu	[M+H] <sup>+</sup> = 704.6 amu

Approved By: *Meredith Bayood*

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