

**12:0 Biotin-18:1 PE**

1-(12-biotinyl(aminododecanoyl))-2-oleoyl-sn-glycero-3-phosphoethanolamine

**860511C-1mg**

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<b>Molecular weight</b>	903.2
<b>Chemical formula</b>	C <sub>45</sub> H <sub>83</sub> N <sub>4</sub> O <sub>10</sub> PS
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6468CGB010
<b>Avanti Lot Number</b>	860511C-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: 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> = 902.2 ± 1 amu	[M-H] <sup>-</sup> = 902.0 ± 1 amu

Approved By:

