

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

1-oleoyl-2-(12-biotinyl(aminododecanoyl))-sn-glycero-3-phosphate (ammonium salt)

**860561C-1mg**

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<b>Molecular Weight</b>	877.163
<b>Chemical Formula</b>	C <sub>43</sub> H <sub>81</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>	6006CGA022
<b>Avanti Lot Number</b>	860561C-1MG-A-022

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Chloroform:</b> Clear solution with 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
Mass Spectroscopy	[M-NH <sub>4</sub> ] <sup>+</sup> = 859.163 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 859.1 amu

Approved by:

