

**C16 Cy5 SM**

N-palmitoyl sphingomyelin-N-(Cyanine 5)

**860500C-250ug**

Page 1 of 1

<b>Molecular Weight</b>	1233.200
<b>Chemical Formula</b>	C <sub>72</sub> H <sub>119</sub> CIN <sub>5</sub> O <sub>7</sub> P
<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>	6682CEC010
<b>Avanti Lot Number</b>	860500C-250UG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with no foreign matter	Pass
TLC (65:35:8 Chloroform:Methanol:Water)	>99% Purity UV: one major spot Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Mass Spectroscopy	[M-Cl+H] <sup>2+</sup> = 599.85 ± 1 amu	[M-Cl+H] <sup>2+</sup> = 599.7 amu

 Approved By: *Andriana Thomas*

For Research Use Only. Not For Human Use.