

C16 Cy5 SM

N-palmitoyl sphingomyelin-N-(Cyanine 5)

860500C-250ug

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Molecular Weight	1233.20
Chemical Formula	C ₇₂ H ₁₁₉ CIN ₅ O ₇ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6682CED010
Avanti Lot Number	860500C-250UG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: 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	>99% Purity UV: one major spot Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Mass Spectroscopy	[M-Cl+H] ²⁺ = 599.85 ± 1 amu	[M-Cl+H] ²⁺ = 599.7 amu

Approved By:



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