

C11 TopFluor[®] Sphingomyelin

N-[11-(dipyrrometheneboron difluoride)undecanoyl]-D-erythro-sphingosylphosphorylcholine

810265P-250ug

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Molecular Weight	878.959
Chemical Formula	C ₄₇ H ₈₂ N ₄ O ₆ PF ₂
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5413PEB010
Avanti Lot Number	810265P-250UG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellow to orange solid which contains no foreign matter.	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Excitation/Emission by UV/VIS	495nm/503nm	Pass
Mass Spectroscopy	[M+H] ⁺ = 879.959 ± 1 amu	[M+H] ⁺ = 880.3 amu

Approved by:

