

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	5413PEA011
Avanti Lot Number	810265P-250UG-A-011

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	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 880.0 ± 1 amu	[M+H] ⁺ = 879.5 amu

Approved by:



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