

TopFluor® PI(4)P

1-oleoyl-2-{6-[4-(dipyrrometheneboron difluoride)butanoyl]amino}hexanoyl-sn-glycero-3-phosphoinositol-4-phosphate (ammonium salt)

810185P-250ug

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Molecular Weight	1142.012
Chemical Formula	C ₅₀ H ₈₈ BF ₂ N ₅ O ₁₇ P ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5367PEB015
Avanti Lot Number	810185P-250UG-B-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: Yellow to orange solid which contains no foreign matter.	Pass
TLC (45:35:7.7:2.3 Chloroform : Methanol : Water : Ammonium Hydroxide)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-2NH ₄] ²⁻ = 553.967 ± 1 amu	[M-2NH ₄] ²⁻ = 553.1 amu

Approved by:



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