

TopFluor[®] PC

1-palmitoyl-2-(dipyrrometheneboron difluoride)undecanoyl-sn-glycero-3-phosphocholine

810281C-10mg

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Molecular Weight	909.969
Chemical Formula	C ₄₈ H ₈₃ BF ₂ N ₃ O ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5420CIA022
Avanti Lot Number	810281C-10MG-A-022

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Yellow to orange solution with 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	$\lambda_{Ex\ max} = 495nm$ $\lambda_{Em\ max} = 503nm$	Pass
Mass Spectroscopy	$[M+H]^+ = 910.969 \pm 1\ amu$	$[M+H]^+ = 910.9\ amu$
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved By:



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