

TopFluor® PE

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

810282C-5mg

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Molecular Weight	867.890
Chemical Formula	C ₄₅ H ₇₇ BF ₂ N ₃ O ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5421CHA016
Avanti Lot Number	810282C-5MG-A-016

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with no foreign matter.	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Excitation/Emission by UV/VIS	$\lambda_{Ex\ max} = 495\ nm$ $\lambda_{Em\ max} = 503\ nm$	Pass
Mass Spectroscopy	$[M+H]^+ = 868.89 \pm 1\ amu$	$[M+H]^+ = 869.1\ amu$

Approved By:

