

TopFluor® PE

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

810282P-1mg

Page 1 of 1

Molecular Weight	867.890
Chemical Formula	C ₄₅ H ₇₇ BF ₂ N ₃ O ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5421PGA017
Avanti Lot Number	810282P-1MG-A-017

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains 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	$[M+H]^+ = 868.89 \pm 1\ amu$	$[M+H]^+ = 868.46\ amu$

Approved By:

