

## TopFluor<sup>®</sup> PC

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

810281P-1mg

Page 1 of 1

<b>Molecular Weight</b>	909.969
<b>Chemical Formula</b>	C <sub>48</sub> H <sub>83</sub> BF <sub>2</sub> N <sub>3</sub> O <sub>8</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5420PGA022
<b>Avanti Lot Number</b>	810281P-1MG-A-022

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> Yellow to orange solid 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	Run and Report	$\lambda_{Ex\ max} = 495nm$ $\lambda_{Em\ max} = 511nm$
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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