

## TopFluor<sup>®</sup> PC

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

810281C-1mg

Page 1 of 1

**Molecular Weight** 909.969  
**Chemical Formula** C<sub>48</sub>H<sub>83</sub>BF<sub>2</sub>N<sub>3</sub>O<sub>8</sub>P  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5420CGA022  
**Avanti Lot Number** 810281C-1MG-A-022

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> 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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