

**TopFluor® Lyso PC**

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

**810284P-1mg**

Page 1 of 1

<b>Molecular Weight</b>	671.561
<b>Chemical Formula</b>	C <sub>32</sub> H <sub>53</sub> BF <sub>2</sub> N <sub>3</sub> O <sub>7</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>	5423PGA012
<b>Avanti Lot Number</b>	810284P-1MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> Yellow to orange solid which contains 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	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Excitation/Emission by UV/VIS	$\lambda_{Ex\ max} = 495\ nm$ $\lambda_{Em\ max} = 503\ nm$	$\lambda_{Ex\ max} = 495\ nm$ $\lambda_{Em\ max} = 511\ nm$
Mass Spectroscopy	$[M+H]^+ = 672.561 \pm 1\ amu$	$[M+H]^+ = 672.7\ amu$

 Approved by: *Anderson Thomas*

For Research Use Only. Not For Human Use.