

TopFluor® Lyso PC

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

810284P-1mg

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Molecular Weight	671.561
Chemical Formula	C ₃₂ H ₅₃ BF ₂ N ₃ O ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5423PGE011
Avanti Lot Number	810284P-1MG-E-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: 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	All Pass
Excitation/Emission by UV/VIS	$\lambda_{Ex\ max} = 495\ nm$ $\lambda_{Em\ max} = 503\ nm$	Pass
Mass Spectroscopy	$[M+H]^+ = 672.561 \pm 1\ amu$	$[M+H]^+ = 672.8\ amu$

Approved by: *Melissa Liles*

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