

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 C₃₂H₅₃BF₂N₃O₇P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5423PGC012
Avanti Lot Number 810284P-1MG-C-012

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	>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:



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