

**18:1 TopFluor<sup>®</sup> PE**

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-[(dipyrromethaneboron difluoride)butanoyl]

**810382P-5mg**

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<b>Molecular weight</b>	1077.22
<b>Chemical formula</b>	C <sub>58</sub> H <sub>100</sub> BF <sub>2</sub> N <sub>4</sub> O <sub>9</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	6568PHA011
<b>Avanti Lot Number</b>	810382P-5MG-A-011

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	All Pass
Electrospray MS	[M-NH <sub>4</sub> ] <sup>+</sup> = 1059.22 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 1059.3 amu
Excitation/Emission	λ <sub>Ex max</sub> = 495 nm λ <sub>Em max</sub> = 503 nm	Pass

Approved By:



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