

**TopFluor® PI(4)P**

1-oleoyl-2-{6-[4-(dipyrrometheneboron difluoride)butanoyl]amino}hexanoyl-sn-glycero-3-phosphoinositol-4-phosphate (ammonium salt)

**810185P-500ug**

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<b>Molecular Weight</b>	1142.012
<b>Chemical Formula</b>	C <sub>50</sub> H <sub>88</sub> BF <sub>2</sub> N <sub>5</sub> O <sub>17</sub> P <sub>2</sub>
<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>	5367PFB015
<b>Avanti Lot Number</b>	810185P-500UG-B-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> Yellow to orange solid which contains no foreign matter.	Pass
TLC (45:35:7.7:2.3 Chloroform : Methanol : Water : Ammonium Hydroxide)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-2NH <sub>4</sub> ] <sup>2-</sup> = 553.967 ± 1 amu	[M-2NH <sub>4</sub> ] <sup>2-</sup> = 553.1 amu

Approved by:



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