

**16:0-C4 TopFluor<sup>®</sup> DNP Cap PE**

1-palmitoyl-2-[4-(dipyrrrometheneboron difluoride)butanoyl]-sn-glycero-3-phosphoethanolamine-N-((6-(2,4-dinitrophenyl)amino)hexanoyl) (ammonium salt)

**810289P-1mg**

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<b>Molecular Weight</b>	1065.983
<b>Chemical Formula</b>	C <sub>50</sub> H <sub>79</sub> BF <sub>2</sub> N <sub>7</sub> O <sub>13</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>	5427PGA010
<b>Avanti Lot Number</b>	810289P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> Yellow to orange solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Mass Spectroscopy	[M-NH <sub>4</sub> ] <sup>+</sup> = 1047.983 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 1048.1 amu

Approved By:

