

**16:0-06:0 NBD PC**

**1-palmitoyl-2-{6-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]hexanoyl}-sn-glycero-3-phosphocholine**

**810130P-5mg**

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<b>Molecular Weight</b>	771.878
<b>Chemical Formula</b>	C <sub>36</sub> H <sub>62</sub> N <sub>5</sub> O <sub>11</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5324PHA063
<b>Avanti Lot Number</b>	810130P-5MG-A-063

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Yellow to orange solution with no foreign matter	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 772.878 ± 1 amu	[M+H] <sup>+</sup> = 772.8 amu
Excitation/Emission by UV/Vis	λ <sub>Ex</sub> max = 466nm λ <sub>Em</sub> max = 535nm	λ <sub>Ex</sub> max = 466nm λ <sub>Em</sub> max = 535nm
NBD Concentration	Run and Report	37.1 mg/ml

*Melissa Bolin*

Approved By:

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