

**C6-NBD Sphingomyelin**

N-[6-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]hexanoyl]-sphingosine-1-phosphocholine

**810218C-1mg**

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<b>Molecular Weight</b>	740.867
<b>Chemical Formula</b>	C <sub>35</sub> H <sub>61</sub> N <sub>6</sub> O <sub>9</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>	5389CGA012
<b>Avanti Lot Number</b>	810218C-1MG-A-012

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: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 741.867 ± 1 amu	[M+H] <sup>+</sup> = 742.1 amu

Approved by:

