

**NBD Sphingosine**

omega(7-nitro-2-1,3-benzoxadiazol-4-yl)(2S,3R,4E)-2-aminooctadec-4-ene-1,3-diol

**810205P-250ug**

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<b>Molecular Weight</b>	477.597
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>39</sub> N <sub>5</sub> O <sub>5</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>	5379PEA016
<b>Avanti Lot Number</b>	810205P-250UG-A-016

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> Yellow to orange solid which contains no foreign matter.	Pass
TLC (65:25:4 Chloroform:Methanol:Ammonium Hydroxide)use non-activated plate	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All pass
Mass Spectroscopy	[M+H] <sup>+</sup> = 478.597 ± 1 amu	[M+H] <sup>+</sup> = 478.4 amu

Approved by:

