

## NBD Sphingosine

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

810205P-50ug

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**Molecular Weight** 477.597  
**Chemical Formula** C<sub>24</sub>H<sub>39</sub>N<sub>5</sub>O<sub>5</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5379PCA016  
**Avanti Lot Number** 810205P-50UG-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:



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