

NBD 18:0 Ceramide

omega(7-nitro-2-1,3-benzoxadiazol-4-yl)-N-stearoyl-D-erythro-sphingosine

810210P-100ug

Page 1 of 1

Molecular Weight	744.059
Chemical Formula	C ₄₂ H ₇₃ N ₅ O ₆
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5383PDA010
Avanti Lot Number	810210P-100UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellow to orange solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform:Methanol:Ammonium Hydroxide)	>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] ⁺ = 745.059 ± 1 amu	[M+H] ⁺ = 745.30 amu

Approved by:

