

NBD Sphinganine**omega(7-nitro-2-1,3-benzoxadiazol-4-yl)(2S,3R)-2-aminooctadecane-1,3-diol****810206P-100ug****Page 1 of 1**

Molecular Weight 479.613
Chemical Formula C₂₄H₄₁N₅O₅
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5380PDC011
Avanti Lot Number 810206P-100UG-C-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellow to orange solid which contains no foreign matter	Pass
TLC (65:25:4 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity UV: one major spot Ninhydrin: positive Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Mass Spectroscopy	[M+H] ⁺ = 480.613 ± 1 amu	[M+H] ⁺ = 480.6 amu

Approved by:



For Research Use Only. Not For Human Use.