

C6-NBD Sphingomyelin

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

810218C-1mg

Page 1 of 1

Molecular Weight	740.867
Chemical Formula	C ₃₅ H ₆₁ N ₆ O ₉ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5389CGB012
Avanti Lot Number	810218C-1MG-B-012

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: 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] ⁺ = 741.867 ± 1 amu	[M+H] ⁺ = 742.1 amu

Approved by:

