

C6-NBD Glucosyl Ceramide

N-[6-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]hexanoyl]-D-glucosyl-β1-1'-sphingosine

810222P-1g

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Molecular Weight	737.881
Chemical Formula	C ₃₆ H ₅₉ N ₅ O ₁₁
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5393PGA012
Avanti Lot Number	810222P-1MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: Yellow to orange solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 755.881 ± 1 amu	[M+NH ₄] ⁺ = 756.2 amu

Approved by:

