

C6-NBD Ceramide

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

810209P-1mg

Page 1 of 1

Molecular Weight	575.74
Chemical Formula	C ₃₀ H ₄₉ N ₅ O ₆
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5382PGC018
Avanti Lot Number	810209P-1MG-C-018

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellow to orange solid which contains no foreign matter	Pass
TLC	>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] ⁺ = 593.7 ± 1 amu	[M+NH ₄] ⁺ = 593.8 amu
Excitation/Emission	λ _{Max Ex} ≈ 467 nm λ _{Max Em} ≈ 535 nm	λ _{Max Ex} = 466 nm λ _{Max Em} = 535 nm

Approved By:



For Research Use Only. Not For Human Use.

18:1 Cy7 PE

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(Cyanine 7)

810337C-1mg

Page 1 of 1