C6-NBD Ceramide
N-[6-[[7-nitro-2-1,3-benzoxadiazol-4-yl]amino]hexanoyl]-D-erythro-sphingosine
810209X-1mg

Molecular Weight 575.74  
Chemical Formula C_{30}H_{49}N_{5}O_{6}  
Physical State Chloroform:Methanol (8:2)  
Storage -20°C  
Expiration Date One year from date of receipt  
M Lot Number 5382XGA016  
Avanti Lot Number 810209X-1MG-A-016

**ANALYSIS** | **SPECIFICATION** | **RESULTS**
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Physical Examination | Chloroform:Methanol (8:2): Yellow to orange solution with no foreign matter. | Pass

TLC (65:25:4 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+NH_{4}]^+ = 593.74 ± 1 amu  
[M+NH_{4}]^+ = 594.1 amu | 

Approved by

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