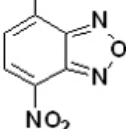


Certificate of Analysis (C of A)									
Name:		NBD C6-Ceramide 6-(((N-(7-Nitrobenz-2-oxa-1,3-diazol-4-yl)amino)caproyl)sphingosine							
Catalog Number:		6224	Lot:		51301				
CAS Number:		86701-10-2	Formula:		C <sub>30</sub> H <sub>49</sub> N <sub>5</sub> O <sub>6</sub>				
Molecular Weight:		575.74 (g/mol)							
		Observed		Standard					
Absorption (Methanol)									
Wavelength (λ <sub>max</sub> ):		466 nm		466 ± 3 nm					
Extinction:		22,900 cm <sup>-1</sup> M <sup>-1</sup>		22,500 ± 2,000 cm <sup>-1</sup> M <sup>-1</sup>					
Fluorescence (Methanol)									
Emission Max:		522 nm		522 ± 4 nm					
TLC Purity:		> 99%		≥ 90%					
TLC System:		90:10 Chloroform / Methanol							
Storage:		Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)							
Production Lot:		14990	Release:		23-Jun-2015	Expiration:		23-Jun-2025	
Structure:		<div><div><div>CH<sub>3</sub>(CH<sub>2</sub>)<sub>11</sub>CH<sub>2</sub>-CH=CH-CH-OH</div><div>NHCH<sub>2</sub>(CH<sub>2</sub>)<sub>3</sub>CH<sub>2</sub>-C(=O)-NH-CH(CH<sub>2</sub>OH)</div></div><div></div></div>							

This data reflects the accuracy of the analysis of the subject lot  
 For research use only. Not for human use. No animal source.  
 This material is chemically synthesized and manufactured in the USA

**Approved by:** Dianna M Wineinger  
 Analytical Services Manager

**Date:** 23-Jun-2015

**Signature:**

*Dianna M. Wineinger*