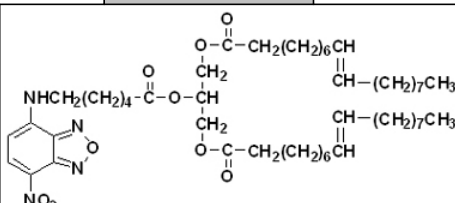


Certificate of Analysis

(C of A)

Name:		1,3-diolein, 2-NBD-X ester 1,3-Di(cis-9-octadecenoyl)-2-((6-(7-nitrobenz-2-oxa-1, 3-diazol-4-yl)amino) hexanoyl)glycerol			
Catalog Number:	6285	Lot:		50144	
CAS Number:	N/A	Formula:		C ₅₁ H ₈₄ N ₄ O ₉	
Molecular Weight:	897.25 (g/mol)				
	Observed		Standard		
Absorption (Methanol)					
Wavelength (λ _{max}):	466 nm		465 ± 3 nm		
Extinction:	Set 23,000 cm ⁻¹ M ⁻¹		Set 23,000 ± 1,500 cm ⁻¹ M ⁻¹		
Fluorescence (N/A)					
Emission Max:	N/A		534 ± 4 nm		
TLC Purity:	> 99%		≥ 95%		
TLC System:	2:1 Hexane / Ethyl acetate				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	11340	Release:	21-Aug-2014	Expiration:	08-Nov-2023
Structure:					

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: 21-Aug-2014

Signature:

Dianna M. Wineinger