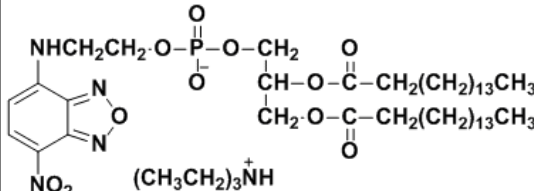


Certificate of Analysis				
(C of A)				
Name:		NBD-PE NBD-DHPE [N-(7-Nitrobenz-2-oxa-1,3-diazol-4-yl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt]		
Catalog Number:		6232	Lot:	51544
CAS Number:		178119-00-1	Formula:	C ₄₉ H ₉₀ N ₅ O ₁₁ P
Molecular Weight:		956.24 (g/mol)		
	Observed		Standard	
HPLC Purity:		99% at 462 nm	≥ 95% at 462 nm	
Absorption (Methanol)				
Wavelength (λ _{max}):		463 nm	463 ± 3 nm	
Extinction:		26,100 cm ⁻¹ M ⁻¹	24,000 ± 2,500 cm ⁻¹ M ⁻¹	
Fluorescence (Methanol)				
Emission Max:		534 nm	534 ± 4 nm	
TLC Purity:		> 98%	≥ 95%	
TLC System:		85:13:2 Chloroform / Methanol / Acetic acid		
Storage:		Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:		14479	Release:	30-Dec-2020
			Expiration:	30-Dec-2030
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: 30-Dec-2020

Signature: 