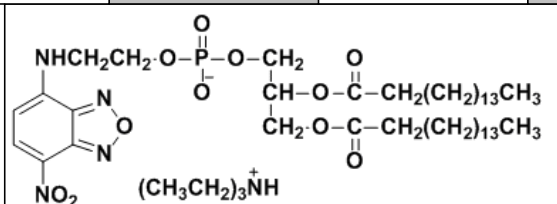


Certificate of Analysis (C of A)			
Name:	<b>NBD-PE</b> NBD-DHPE [N-(7-Nitrobenz-2-oxa-1,3-diazol-4-yl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt]		
Catalog Number:	6232	Lot:	51663
CAS Number:	178119-00-1	Formula:	C <sub>49</sub> H <sub>90</sub> N <sub>5</sub> O <sub>11</sub> P
Molecular Weight:	956.24 (g/mol)		
	<b>Observed</b>	<b>Standard</b>	
HPLC Purity:	99% at 462 nm		≥ 95% at 462 nm
<b>Absorption (Methanol)</b>			
Wavelength (λ <sub>max</sub> ):	463 nm		463 ± 3 nm
Extinction:	26,100 cm <sup>-1</sup> M <sup>-1</sup>		24,000 ± 2,500 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence (Methanol)</b>			
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:	06-Oct-2024
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:** 