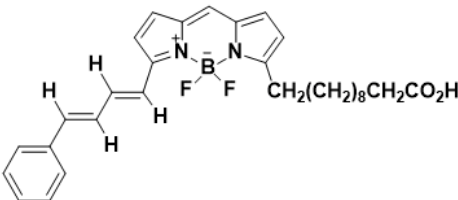


Certificate of Analysis (C of A)				
Name:		EverFluor 581/591 C11 (Lipid Peroxidation Sensor) BODIPY® 581/591 C11 (Lipid Peroxidation Sensor)		
Catalog Number:	7990	Lot:	51820	
CAS Number:	217075-36-0	Formula:	C <sub>30</sub> H <sub>35</sub> BF <sub>2</sub> N <sub>2</sub> O <sub>2</sub>	
Molecular Weight:	504.42 (g/mol)			
	Observed	Standard		
HPLC Purity:	99% at 582 nm	≥ 95% at 582 nm		
Absorption (Methanol)				
Wavelength (λ <sub>max</sub> ):	581 nm	582 ± 3 nm		
Extinction:	Set 139,000 cm <sup>-1</sup> M <sup>-1</sup>	Set 139,000 ± 10,000 cm <sup>-1</sup> M <sup>-1</sup>		
Fluorescence (Methanol)				
Emission Max:	592 nm	591 ± 4 nm		
TLC Purity:	> 99%	≥ 95%		
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:	16122	Release:	14-Mar-2019	Expiration: 14-Mar-2029
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:** 14-Mar-2019

**Signature:** Dianna M. Wineinger