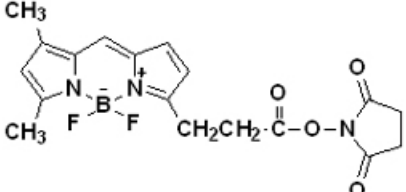


Certificate of Analysis (C of A)			
Full Name:	EverFluor FL, SE [4,4-Difluoro-5,7-Dimethyl-4-Bora-3a,4a-Diaza-s-Indacene-3-Propionic Acid, Succinimidyl Ester] [Known as BODIPY® FL, SE, TM of MP]		
Catalog Number:	7150	Lot Number:	14604
CAS Number:	146616-66-2	Formula:	C <sub>18</sub> H <sub>18</sub> BF <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	389.16 (g/mol)	Appearance:	Orange Solid
	<b>Observed</b>	<b>Standard</b>	
HPLC Purity:	99% at 503 nm	≥ 95% at 503 nm	
<b>Absorption (Methanol)</b>			
Wavelength (λ <sub>max</sub> ):	502 nm	503 ± 3 nm	
Extinction:	82,000 cm <sup>-1</sup> M <sup>-1</sup>	82,000 ± 5,000 cm <sup>-1</sup> M <sup>-1</sup>	
TLC Purity:	> 99%	≥ 95%	
TLC System:	1:1 Hexane/ Ethyl acetate		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Release Date:	10-Nov-2014	Expiration Date:	10-Nov-2019
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:** 10-Nov-2014

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_