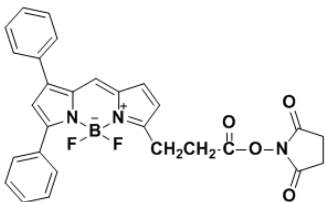


Certificate of Analysis (C of A)			
Name:	<b>EverFluor 530/550, SE</b> 4,4-Difluoro-5,7-diphenyl-4-bora-3a,4a-diaza-s-indacene-3-propionic acid, succinimidyl ester		
Catalog Number:	7533	Lot:	50805
CAS Number:	N/A	Formula:	C <sub>28</sub> H <sub>22</sub> BF <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	513.30 (g/mol)		
	<b>Observed</b>	<b>Standard</b>	
HPLC Purity:	99% at 534 nm		≥ 95% at 534 nm
<b>Absorption (Methanol)</b>			
Wavelength (λ <sub>max</sub> ):	534 nm		534 ± 3 nm
Extinction:	77,200 cm <sup>-1</sup> M <sup>-1</sup>		74,000 ± 5,000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence (Methanol)</b>			
Emission Max:	550 nm		550 ± 4 nm
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)		
Production Lot:	15336	Release:	08-Apr-2016
		Expiration:	08-Apr-2021
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:** 08-Apr-2016

**Signature:** 