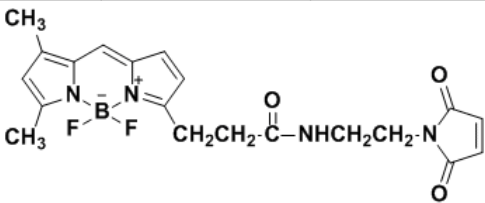


| Certificate of Analysis<br>(C of A) |   |   |   |
|-------------------------------------|---|---|---|
| Name:                               | EverFluor FL N-(2-Aminoethyl)Maleimide<br>EverFluor FL Maleimide [EverFluor C2-Maleimide] |   |   |
| Catalog Number:                     | 7151  | Lot:  | 50532   |
| CAS Number:                         | N/A   | Formula:  | C <sub>20</sub> H <sub>21</sub> BF <sub>2</sub> N <sub>4</sub> O <sub>3</sub> |
| Molecular Weight:                   | 414.22 (g/mol)  |   |   |
|                                     |   |   |   |
|                                     | <b>Observed</b>   | <b>Standard</b>                                 |   |
| HPLC Purity:                        | 96% at 503 nm   | ≥ 90% at 503 nm                                 |   |
| <b>Absorption (Methanol)</b>        |   |   |   |
| Wavelength (λ <sub>max</sub> ):     | 504 nm  | 503 ± 3 nm                                      |   |
| Extinction:                         | 87,400 cm <sup>-1</sup> M <sup>-1</sup>   | 83,000 ± 5,000 cm <sup>-1</sup> M <sup>-1</sup> |   |
| <b>Fluorescence (Methanol)</b>      |   |   |   |
| Emission Max:                       | 510 nm  | 510 ± 4 nm                                      |   |
| TLC Purity:                         | > 99%   | ≥ 90%   |   |
| TLC System:                         | 95:5 Chloroform / Methanol  |   |   |
| Storage:                            | Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)       |   |   |
| Production Lot:                     | 14353   | Release:  | 14-Jul-2014   |
|                                     |   | Expiration:                                     | 14-Jul-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:** 14-Jul-2014

**Signature:** 