

**Catalog Number** D3821  
**Product Name** 4,4-difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-hexadecanoic acid (BODIPY® FL C<sub>16</sub>)  
**Molecular Formula** C<sub>27</sub>H<sub>41</sub>BF<sub>2</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** 474.44  
**Appearance** orange solid  
**Lot Number** 1916426

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	505 nm 93000 cm <sup>-1</sup> M <sup>-1</sup>	505 ± 3 nm 87000 ± 6000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	509 nm	512 ± 4 nm
<b>HPLC</b> Purity	99 % at 505 nm	≥ 95 % at 505 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	1807079	N/A

1. Solvent: Methanol.



Rachel Smith, Quality Assurance Manager

13-Oct-2016

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.