

**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>)  
**Appearance** orange solid  
**Lot Number** 2339911

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup>		
Maximum	505 nm	505 ± 3 nm
Extinction	93000 cm <sup>-1</sup> M <sup>-1</sup>	87000 ± 6000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup>		
Emission Maximum	512 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	2158066	n.a.

1. Solvent: Methanol



Rachel Smith, Quality Assurance Manager  
 5-Feb-2020

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.