

**Catalog Number** D3792  
**Product Name** 2-(4,4-difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-dodecanoyl)-1-hexadecanoyl-*sn*-glycero-3-phosphocholine (β-BODIPY® FL C<sub>12</sub>-HPC)  
**Molecular Formula** C<sub>47</sub>H<sub>81</sub>BF<sub>2</sub>N<sub>3</sub>O<sub>8</sub>P  
**Molecular Weight** 895.95  
**Appearance** orange solid  
**Lot Number** 1966991

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	507 nm 77000 cm <sup>-1</sup> M <sup>-1</sup>	505 ± 3 nm 85000 ± 9000 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 506 nm	≥ 90 % at 506 nm
<b>Miscellaneous Information</b> Material Lot Number	1965182	n.a.

1. Solvent: Ethanol.



Rachel Smith, Quality Assurance Manager  
23-Mar-2018

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.