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## CERTIFICATE OF ANALYSIS

**Catalog Number** C258  
**Product Name** BODIPY™ 581/591 C11 (Lipid Peroxidation Sensor)  
**Molecular Formula** C<sub>30</sub>H<sub>34</sub>BF<sub>2</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** 533.43  
**Appearance** Purple solid  
**Lot Number** AB4052B

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	582 nm 146,000 cm <sup>-1</sup> M <sup>-1</sup>	582 ± 3 nm 150,000 ± 15,000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	592 nm	591 ± 4 nm
<b>HPLC</b> Purity	95 % at 582 nm	≥ 90 % at 582 nm
<b>NMR</b> Result	meets specification	consistent with structure

1. Solvent: Methanol.