

**Catalog Number** B30466  
**Product Name** BODIPY® TMR C<sub>5</sub>-maleimide  
**Molecular Formula** C<sub>30</sub>H<sub>33</sub>BF<sub>2</sub>N<sub>4</sub>O<sub>4</sub>  
**Molecular Weight** 562.42  
**Appearance** red/purple solid  
**Lot Number** 1174148

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	544 nm 61400 cm <sup>-1</sup> M <sup>-1</sup>	544 ± 3 nm 59000 ± 4500 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	569 nm	570 ± 4 nm
<b>HPLC</b> Purity	99 % at 544 nm	≥ 90 % at 544 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	1024577	n.a.

1. Solvent: Methanol.

*Betty Wood*

Betty Wood, Quality Assurance Manager  
12-Oct-2011

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.