

Addition/Correction

Multi-Emissive Difluoroboron Dibenzoylmethane Polylactide Exhibiting Intense Fluorescence and Oxygen-Sensitive Room-Temperature Phosphorescence [*J. Am. Chem. Soc.* 2007, 129, 8942–8943].

Guoqing Zhang, Jianbin Chen, Sarah J. Payne, Steven E. Kooi, J. N. Demas, and Cassandra L. Fraser

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Multi-Emissive Difluoroboron Dibenzoylmethane Polylactide Exhibiting Intense Fluorescence and Oxygen-Sensitive Room-Temperature Phosphorescence [*J. Am. Chem. Soc.* **2007**, *129*, 8942–8943]. Guoqing Zhang, Jianbin Chen, Sarah J. Payne, Steven E. Kooi, J. N. Demas, and Cassandra L. Fraser*

Page 8942. The extinction coefficient for BF₂dbmPLA (**2**) is incorrect as reported using the number-average molecular weight, M_n , determined by gel permeation chromatography (GPC) in tetrahydrofuran versus polystyrene (PS) standards with a 0.58 PLA correction factor in the calculation. The correct value for this sample, obtained after precipitation from CH₂CH₂/cold MeOH (4 °C) (2×) and CH₂CH₂/hexanes (2×) (residual monomer content <1%, as verified by ¹H NMR spectroscopy), is $\epsilon = 36\,000\text{ M}^{-1}\text{ cm}^{-1}$. The second sentence of the fourth paragraph should read as follows:

UV/vis spectroscopic data for BF₂dbmOH ($\lambda_{\text{max}} = 397\text{ nm}$, $\epsilon = 53\,000\text{ M}^{-1}\text{ cm}^{-1}$) and BF₂dbmPLA ($\lambda_{\text{max}} = 396\text{ nm}$, $\epsilon = 36\,000\text{ M}^{-1}\text{ cm}^{-1}$) show high molar absorptivities characteristic of this family of compounds.

Calculated epsilon values for BF₂dbmPLA materials typically range from ~35 000 to 40 000 M⁻¹ cm⁻¹, depending on polymer molecular weight and polydispersity index, as determined by GPC versus PS standards (0.58 correction factor). Correct elemental analysis data for **1**: C, 61.73; H, 4.56.

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