

# Electronic Supplementary Information

## Dalton Transactions

“Synthesis and Luminescence Properties of a series of *tris*-(4-styrylphenyl) Phosphorus  
(III) and (V) Compounds and of a [Cu(PR<sub>3</sub>)<sub>4</sub>]BF<sub>4</sub> Complex”

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**S2.** Cl<sub>2</sub>PTbs<sub>3</sub> <sup>31</sup>P NMR Spectrum (CDCl<sub>3</sub>).

**S3.** Cl<sub>2</sub>PTbs<sub>3</sub> <sup>1</sup>H NMR Spectrum (CDCl<sub>3</sub>).

**S4.** MePTbs<sub>3</sub>I <sup>31</sup>P NMR Spectrum (CDCl<sub>3</sub>).

**S5.** MePTbs<sub>3</sub>I <sup>1</sup>H NMR Spectrum (CDCl<sub>3</sub>).

**S6.** [Cu(PTbs<sub>3</sub>)<sub>4</sub>]BF<sub>4</sub> <sup>31</sup>P NMR Spectrum (CDCl<sub>3</sub>).

**S7.** [Cu(PTbs<sub>3</sub>)<sub>4</sub>]BF<sub>4</sub> <sup>1</sup>H NMR Spectrum (CDCl<sub>3</sub>).

**S8.** [Cu(PTbs<sub>3</sub>)<sub>4</sub>]BF<sub>4</sub> <sup>13</sup>C NMR Spectrum (full) (CDCl<sub>3</sub>).

**S9.** [Cu(PTbs<sub>3</sub>)<sub>4</sub>]BF<sub>4</sub> <sup>13</sup>C NMR Spectrum (inset of aromatic region) (CDCl<sub>3</sub>).

















