## Crystal-Engineering and Luminescent Studies of 1,3,5-Tris(3pyridylethynyl)benzene or 1,3,5-Tris(4-pyridylethynyl)benzene with Copper(I) Iodides

Biing-Chiau Tzeng\* and Jun-Fu Lin

Department of Chemistry and Biochemistry, National Chung Cheng University, 168 University Rd., Min-Hsiung, Chiayi 62102, Taiwan

## **Supporting Information**

Figure S1. The experimental and simulated powder X-ray diffraction patters of 1.

Figure S2. The experimental and simulated powder X-ray diffraction patters of 2.

Figure S3. The experimental and simulated powder X-ray diffraction patters of 3.

Figure S4. The experimental and simulated powder X-ray diffraction patters of 4.

Figure S5. The experimental and simulated powder X-ray diffraction patters of 5.

Figure S6. The TGA trace of 1.

Figure S7. The TGA trace of **2**.

Figure S8. The TGA trace of **3**.

Figure S9. The TGA trace of **4**.

Figure S10. The TGA trace of 5.

Figure S11. The normalized emission spectra for solid samples of **1** at room temperature (black) and at 77K (red). Excitation wavelengths are at 350 nm.

Figure S12. The normalized emission spectra for solid samples of **2** at room temperature (black) and at 77K (red). Excitation wavelengths are at 350 nm.

Figure S13. The normalized emission spectra for solid samples of **5** at room temperature (black) and at 77K (red). Excitation wavelengths are at 350 nm.



Figure S1



Figure S2



Figure S3



Figure S4



Figure S5



Figure S6



Figure S7



Figure S8



Figure S9





Figure S11



Figure S12



Figure S13