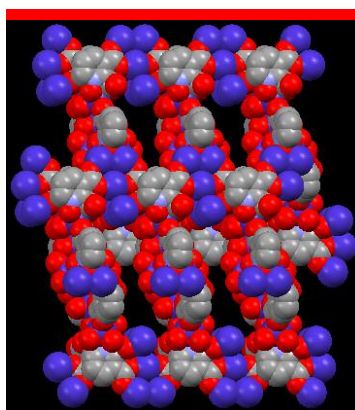


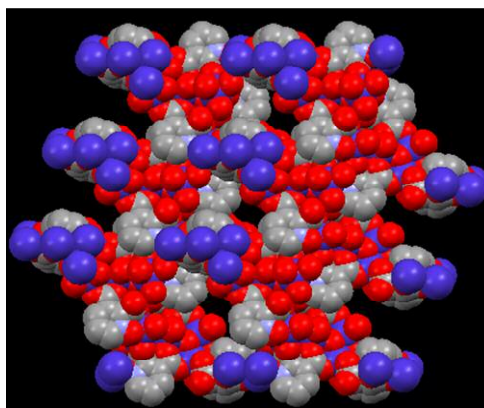
Supporting information

Metal-organic Coordination Polymers Containing Pyridine-2,3-dicarboxylic Acid N-oxide (2,3-PDCO)

Li-Li Wen, Zhen-Da Lu, Xiao-Ming Ren, Chun-Ying Duan, Qing-Jin Meng and Song Gao



(a)



(b)

Figure S1. (a) the space-filling view along the *a*-axis and (b) *b*-axis, respectively for **3**.

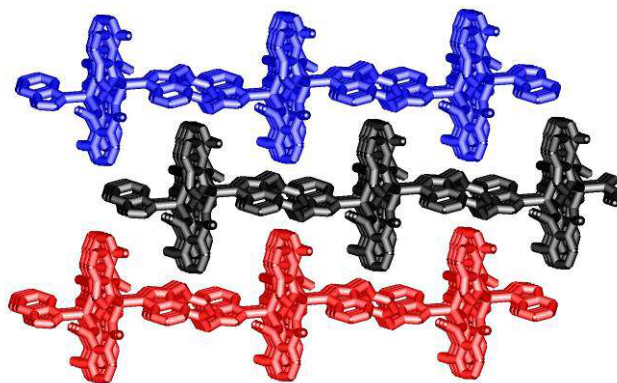


Figure S2. The layers stacked in staggered type for **5**.

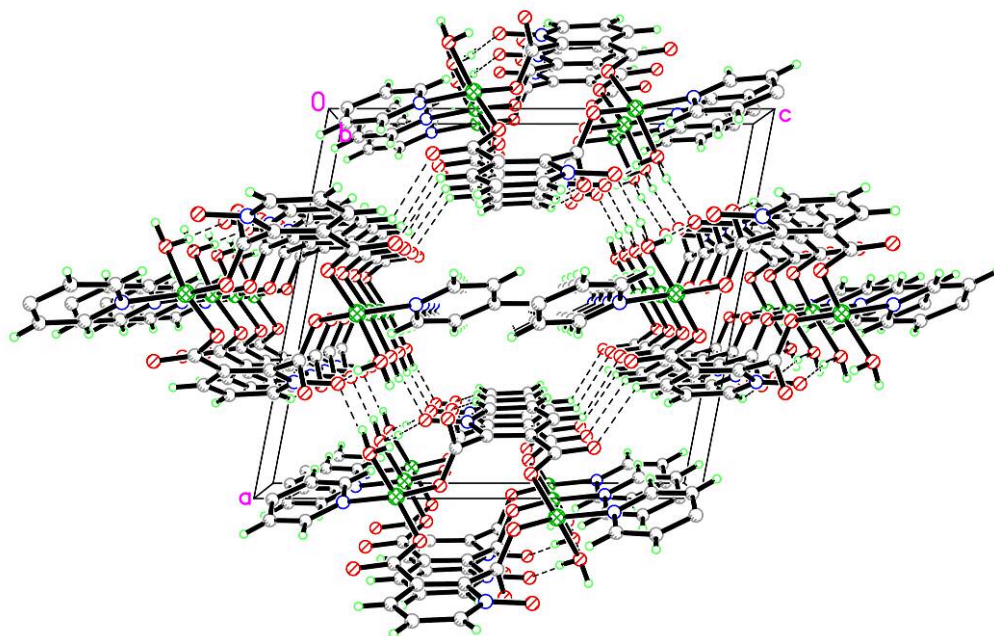


Figure S3. The packing diagram of a unit cell of **7** showing the hydrogen bonding interactions as dashed line.

Thermal Analysis

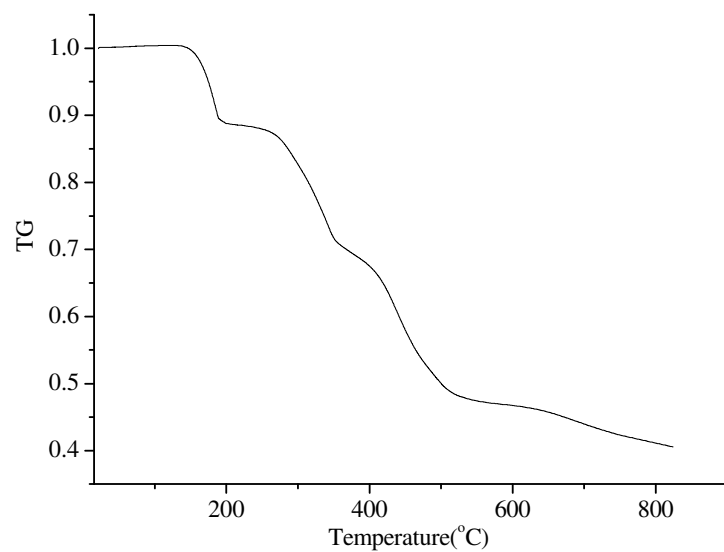


Figure S4. TGA curve of **1**.

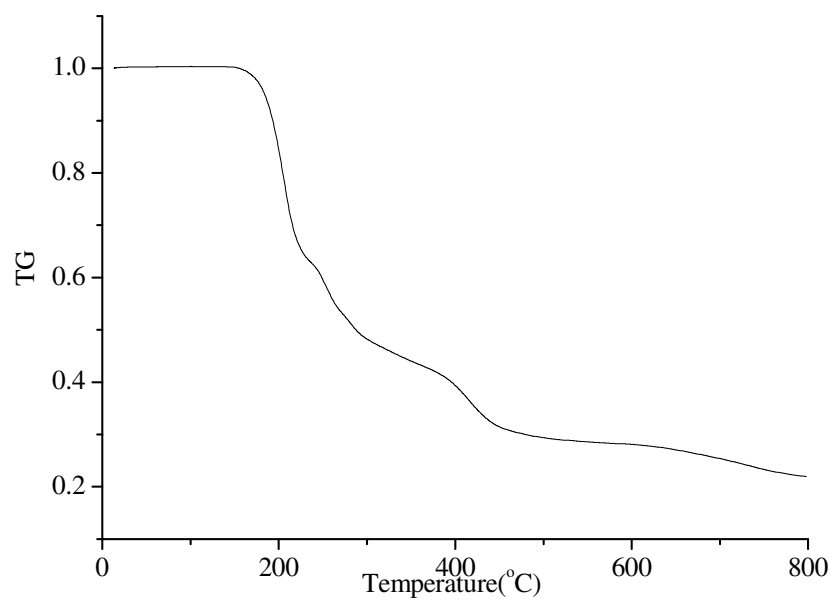


Figure S5. TGA curve of **2**.

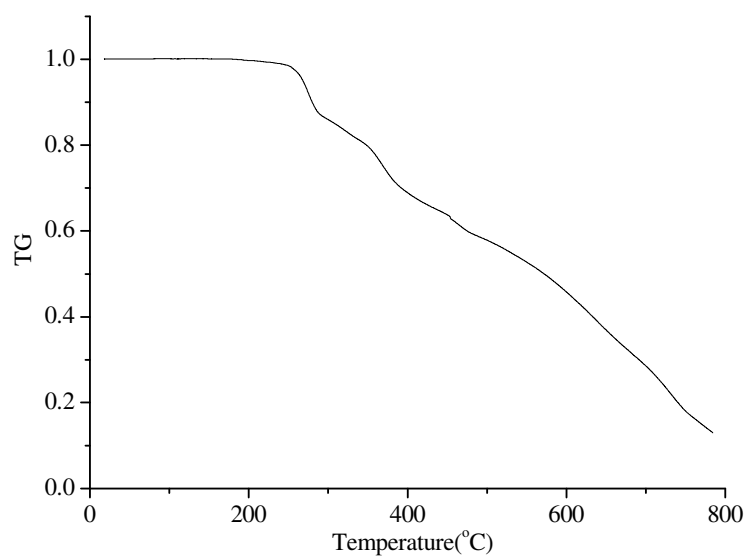


Figure S6. TGA curve of **3**.

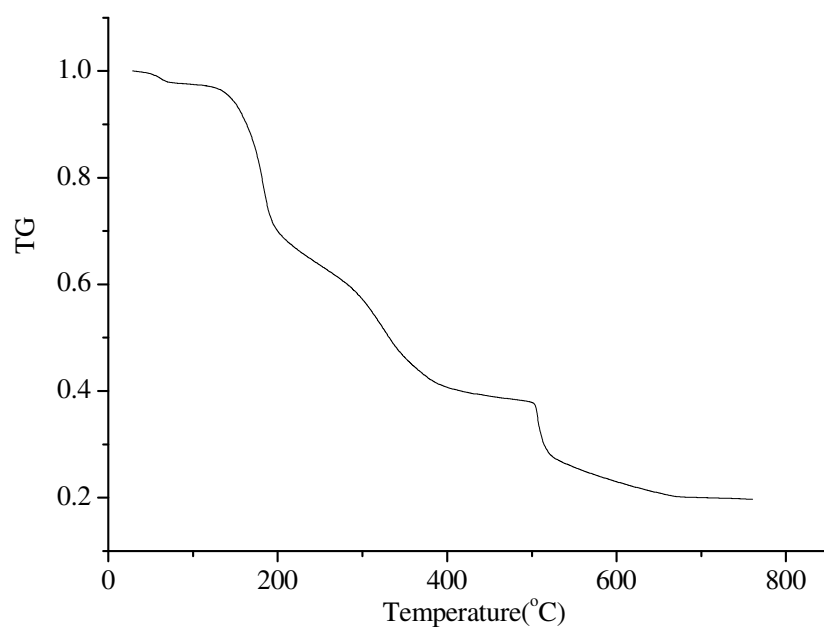


Figure S7. TGA curve of **4**.

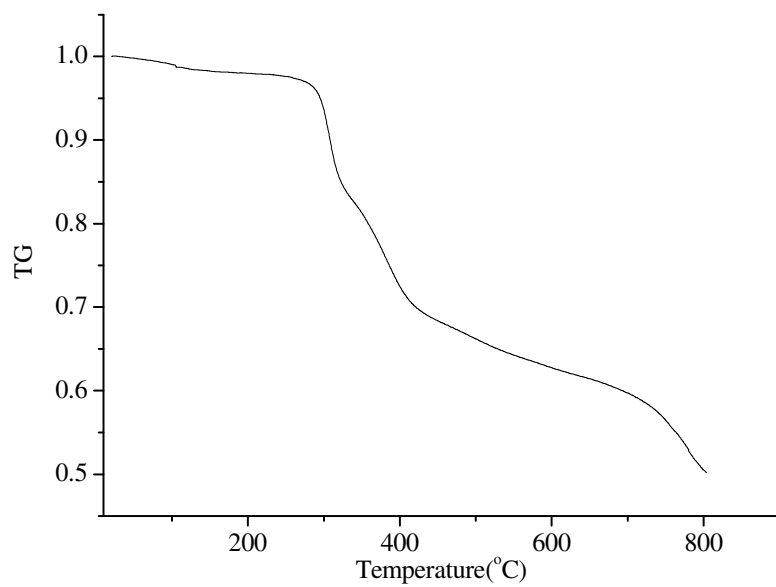


Figure S8. TGA curve of **5**.

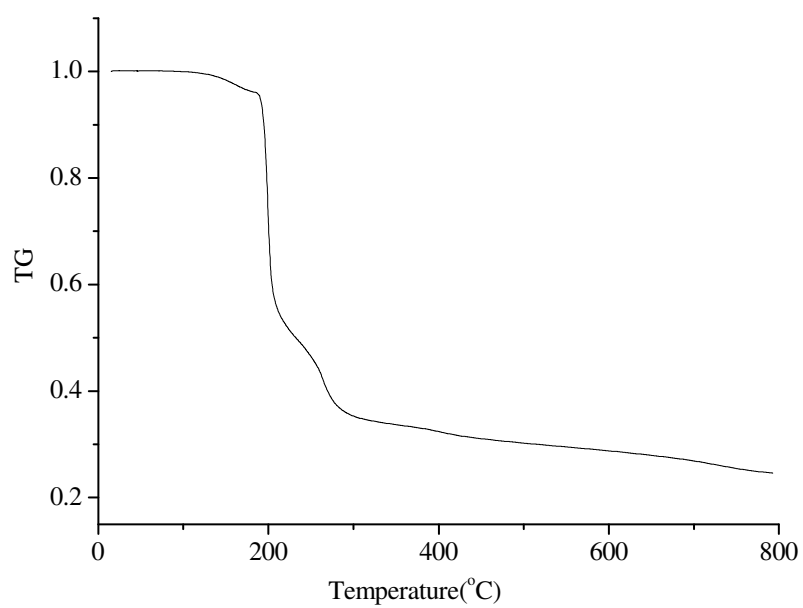


Figure S9. TGA curve of **6**.

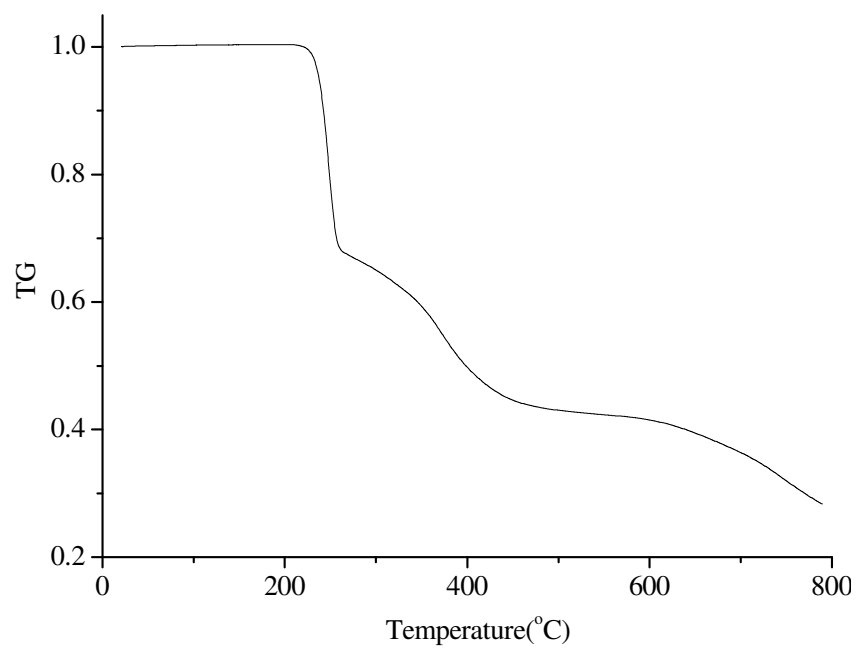


Figure S10. TGA curve of **7**.

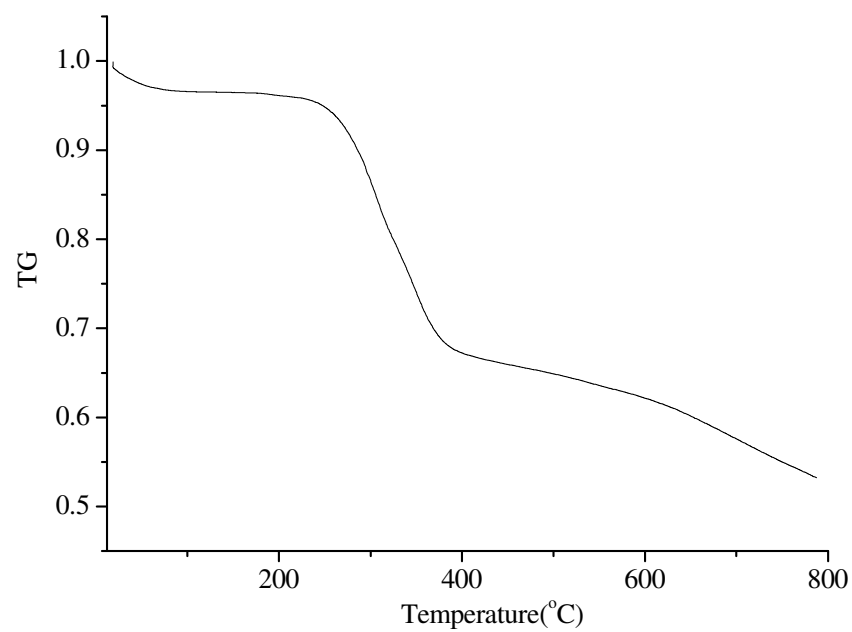


Figure S11. TGA curve of **8**.

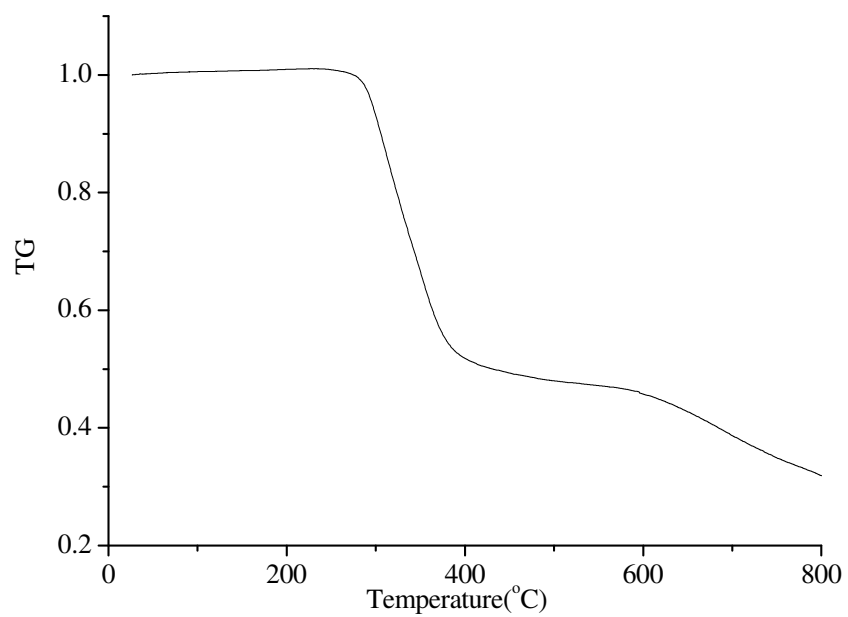


Figure S12. TGA curve of **9**.

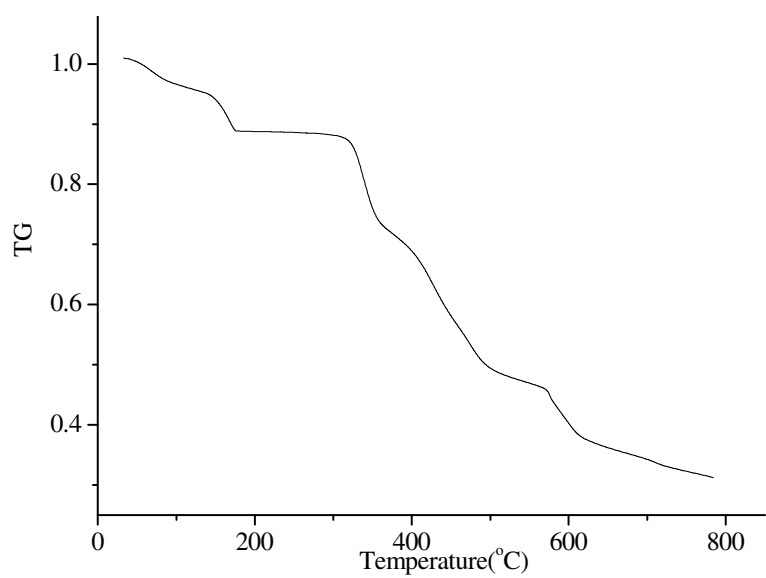


Figure S13. TGA curve of **10**.

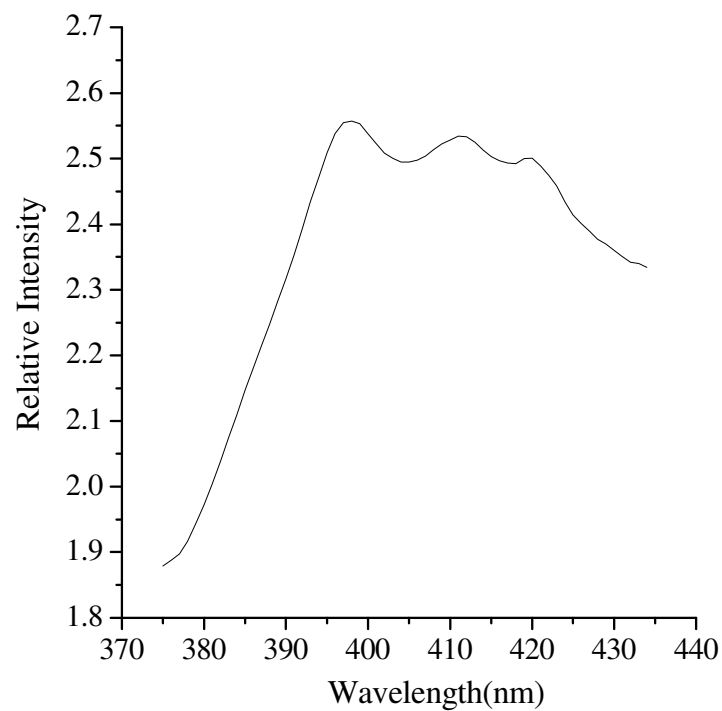


Figure S14. Fluorescent emission spectrum of complex **7** in solid state at room temperature.

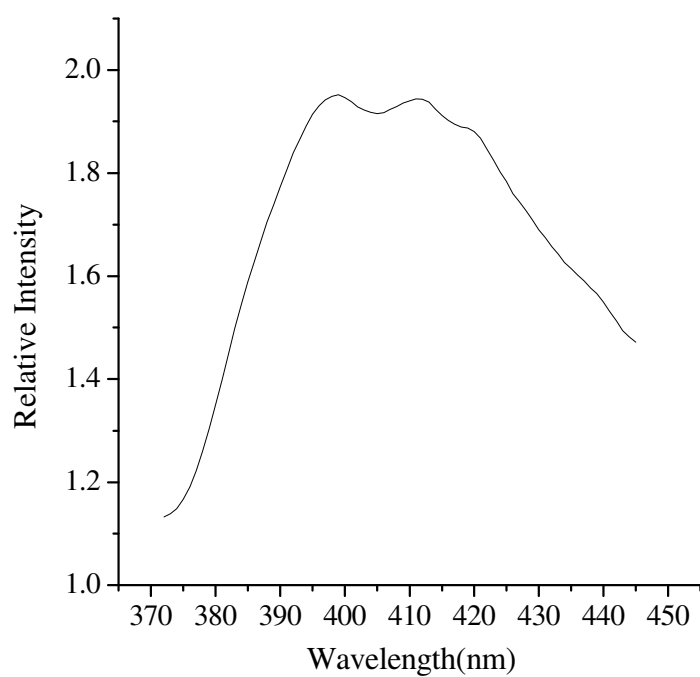


Figure S15. Fluorescent emission spectrum of complex **8** in solid state at room temperature.

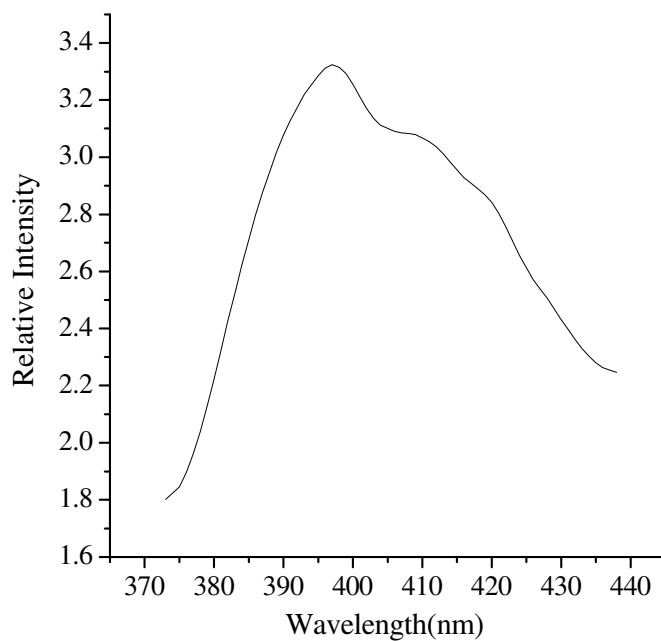


Figure S16. Fluorescent emission spectrum of complex **9** in solid state at room temperature.

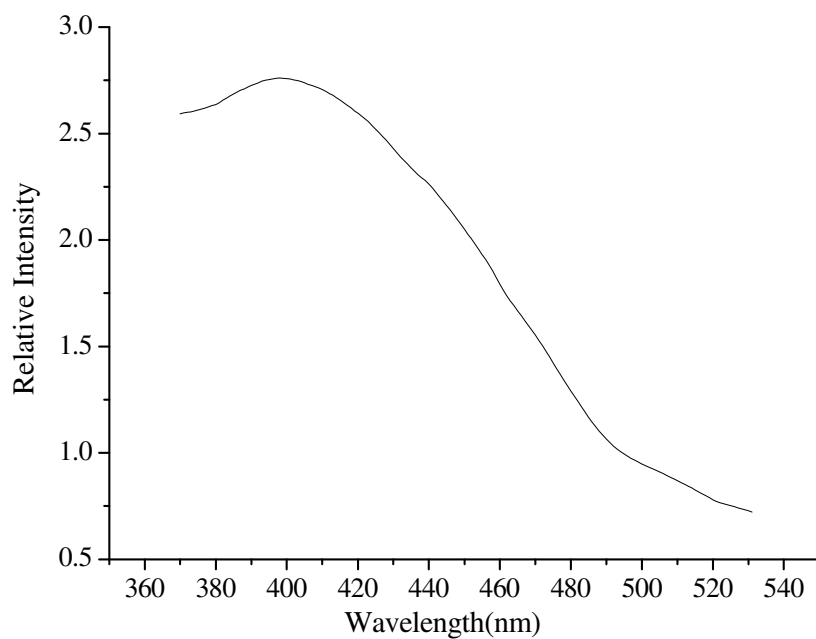


Figure S17. Fluorescent emission spectrum of complex **10** in solid state at room temperature.

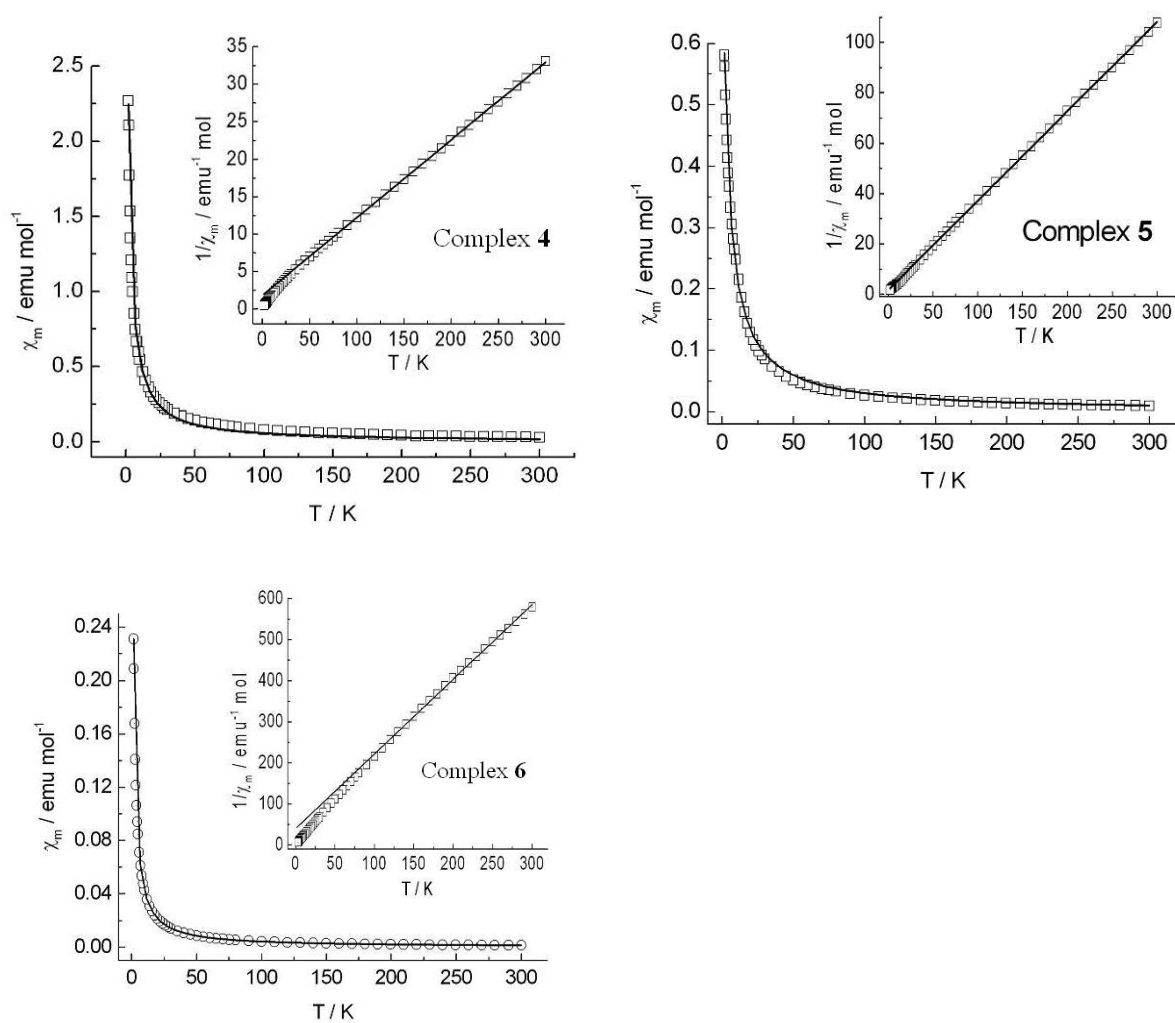


Figure S18. Plots of χ_m (calculated by per molar M(II) ion) versus T for **4**, **5** and **6** (open squares: experimental data; solid lines: theoretical reproducing and details see the text).