Electronic Supplementary Information

Synthesis, Characterization, Photoluminescent and Thermal Properties of Zinc(II) 4'-phenyl-terpyridine Compounds

Zhen Ma a,b,*; Wanbing Lu a; Baohuan Liang a and Armando J.L. Pombeiro b,*

a Guangxi Key Laboratory of Petrochemical Resource Processing and Process Intensification Technology, School of Chemistry and Chemical Engineering, Guangxi University, Nanning 530004, P. R. China; E-mail: mzmz2009@sohu.com

b Centro de Química Estrutural, Complexo I, Instituto Superior Técnico, Technical University of Lisbon, Av. Rovisco Pais, 1049-001, Lisbon, Portugal, E-mail: pombeiro@ist.utl.pt
FigS-1 Thermal analysis (TG and DTA curves) of complex 3

FigS-2 Thermal analysis (TG and DTA curves) of complex 4
FigS-3 Thermal analysis (TG and DTA curves) of complex 5

FigS-4 Thermal analysis (TG and DTA curves) of complex 6
Fig S-5 The 1H spectrum of compound 1

Fig S-6 The 13C spectrum of compound 1
Fig S-7 The 1H spectrum of compound 2

Fig S-8 The 13C spectrum of compound 2
Fig S-9 The 1H spectrum of compound 3 (The solution was prepared at room temperature)

Fig S-10 The 1H spectrum of compound 3 (The solution was heated at 80 °C for half an hour)
Fig S-11 The 1H spectrum of compound 4

Fig S-12 The 13C spectrum of compound 4
Fig S-13 The 1H spectrum of compound 5

Fig S-14 The 13C spectrum of compound 5
Fig S-15 The 1H spectrum of compound 6

Fig S-16 The 13C spectrum of compound 6