

Electronic Supplementary Information (ESI)

Ferromagnetic interaction through double hydrogen bonding bridges in manganese(II) coordination polymers

Kun Wang,^a Yan-Qin Wang^a, Xiu-Mei Zhang^a and En-Qing Gao^{*a}

Shanghai Key Laboratory of Green Chemistry and Chemical Processes, Department of Chemistry, East
China Normal University, Shanghai 200062, P.R.China; E-mail: eqgao@chem.ecnu.edu.cn.

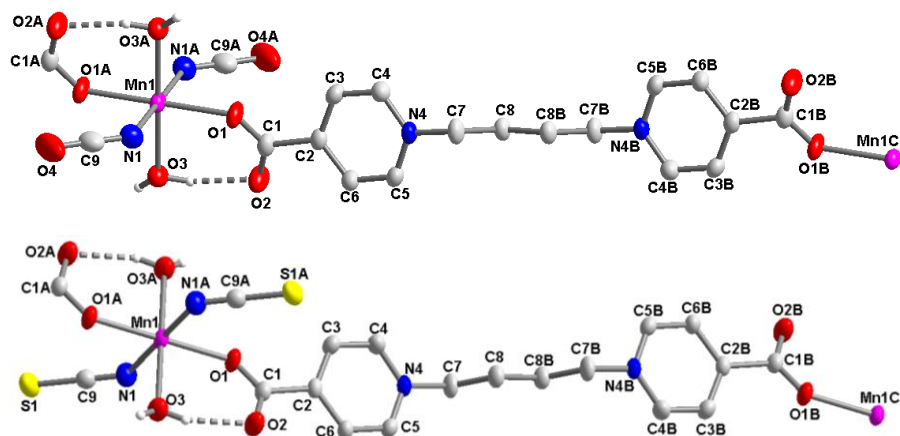


Figure S1. Local coordination environments of the Mn(II) centre in compound **2** and **3**. Symmetry codes: A = $1-x, -y, 1-z$, B = $3-x, 1-y, -1-z$, C = $2+x, 1+y, z-2$ for **2**; A = $1-x, 1-y, 1-z$, B = $1-x, -y, 3-z$, C = $x, y-1, z+2$ for **3**.

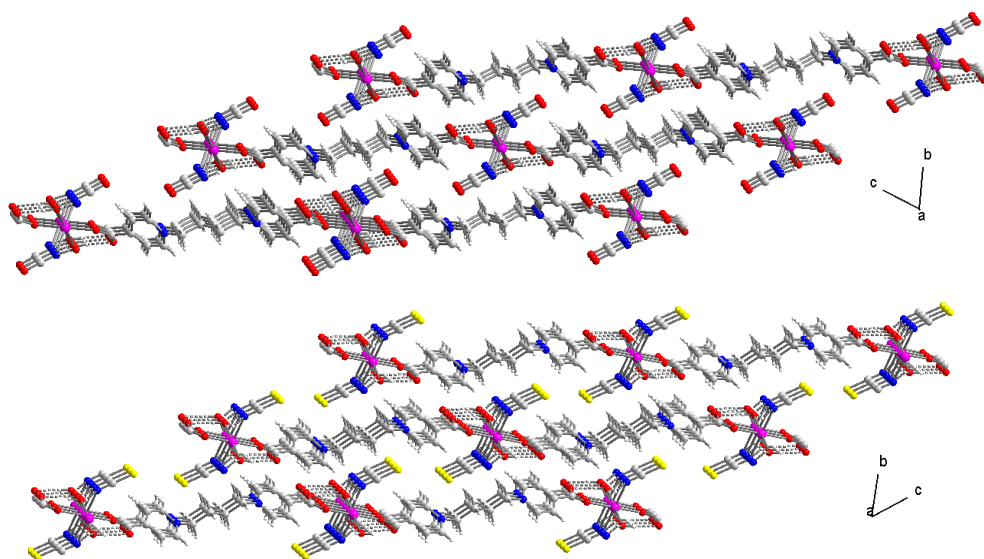


Figure S2. The offset packing of the layers for **2** and **3**.

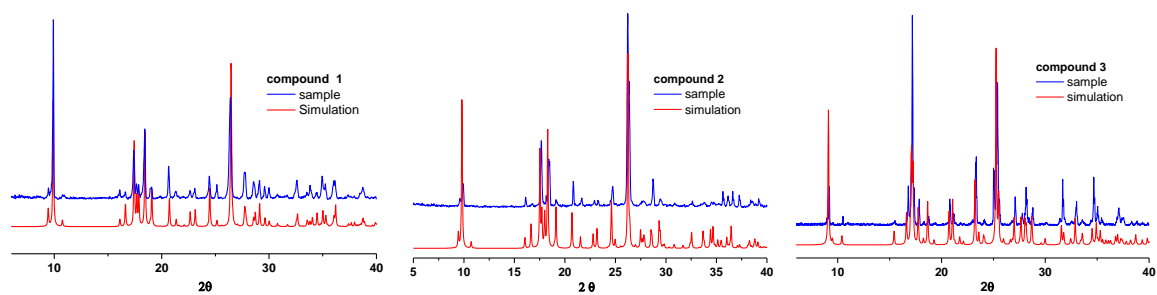


Figure S3. Powder X-ray diffraction data for compound 1-3.

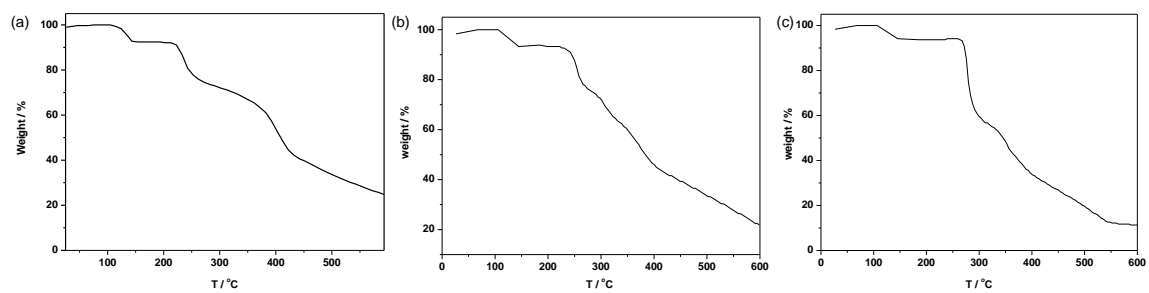


Figure S4. The curves of Thermogravimetric analyses for 1-3.