

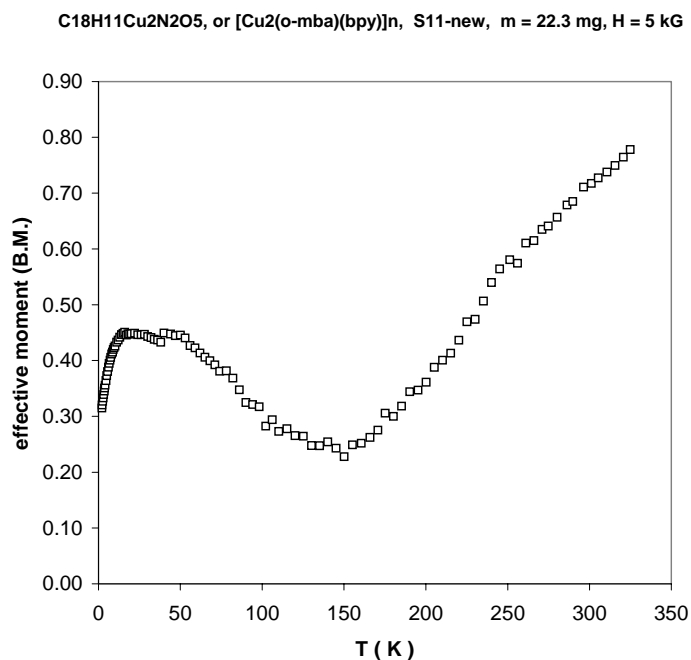
*Electronic Supplementary Information***A mixed-valence copper coordination polymer generated by hydrothermal metal/ligand redox reactions****Jun Tao,^{a,b} Yong Zhang,^a Ming-Liang Tong,^a Xiao-Ming Chen,^{a*} Tan Yuen,^c C. L. Lin,^c Xiaoying Huang,^d Jing Li^d**^a School of Chemistry & Chemical Engineering, Zhongshan University, Guangzhou 510275, China.^b School of Chemistry & Chemical Engineering, Xiamen University, Xiamen 361005, China^c Department of Physics, Temple University, Philadelphia, Pennsylvania 19122, USA^d Department of Chemistry, Rutgers University, Piscataway, New Jersey 08854, USA

Figure S1. The effective molar magnetic moment μ_{eff} of **1** versus T per Cu^{II} at 5 kG. The discontinuity near 40 K in the plot is due to the change of a thermometer in the SQUID.