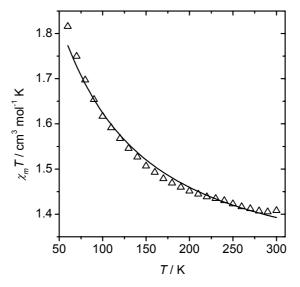
## **Synthetic Procedures and Cautionary Measures:**

All the experiments were carried out in an isolated room and the heating oven was put in an iron cabinet. All the experimenters should equip with resin veils when doing experiments..

Complex 1 was hydrothermally synthesized under autogenously pressure. A mixture of  $Cu(NO_3)_2 \cdot 3H_2O$  (0.081g, 0.333 mmol),  $NaN_3$  (0.022 g, 0.333 mmol), Hata (0.021g, 0.167 mmol) and  $H_2O$  (9.0 g, 500 mmol) at a ratio of 2:2:1:3000 was sealed in a volume of 18 ml Teflon-lined autoclave and heated from room temperature to 140° at 10  $\cdot h^{-1}$ , kept for 2 days and cooled to room temperature at 10  $\cdot h^{-1}$ . The green crystals were obtained in ca. 20% yield based on copper. Elemental analysis for the crystal product was satisfactory.



**Figure S1**. The high-temperature  $\chi_M T$  vs T curve for complex 1 at 10000 G. Solid line represents the best fit.