

SUPPLEMENTARY MATERIALS TO:
CRYSTAL STRUCTURE, MAGNETIC PROPERTIES,
AND ELECTRICAL CHARACTERIZATION OF A NEW COORDINATION COMPOUND:
 $[\text{CuClO}_4(\text{C}_4\text{H}_6\text{N}_2\text{O})_4\text{H}_2\text{O}]\text{ClO}_4(\text{C}_4\text{H}_6\text{N}_2\text{O})_{0.08}$

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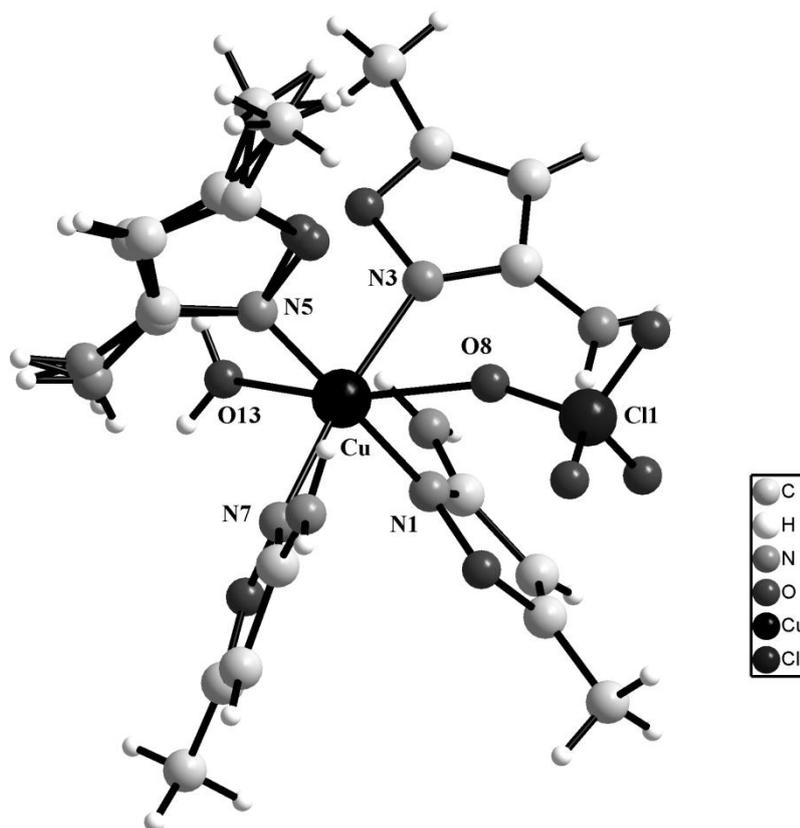


Fig. S1. View of the distorted octahedral coordination geometry of the Cu(II) cation in the title compound

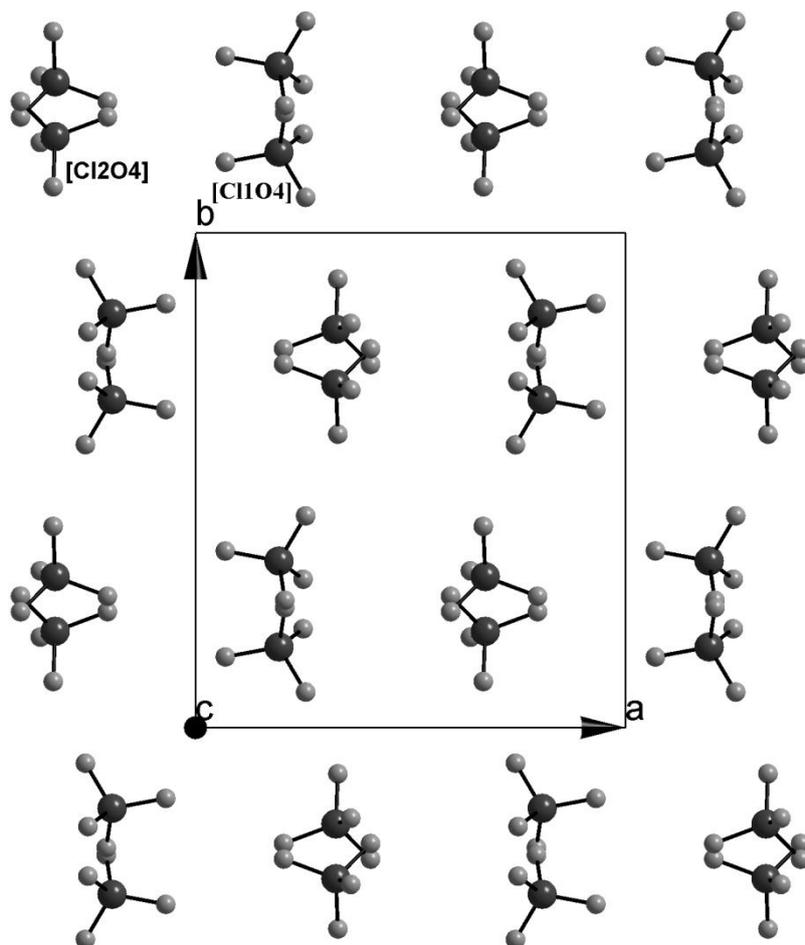


Fig. S2. Projection along the c axis of a layer of free and coordinated ClO_4^- anions grouped in pairs

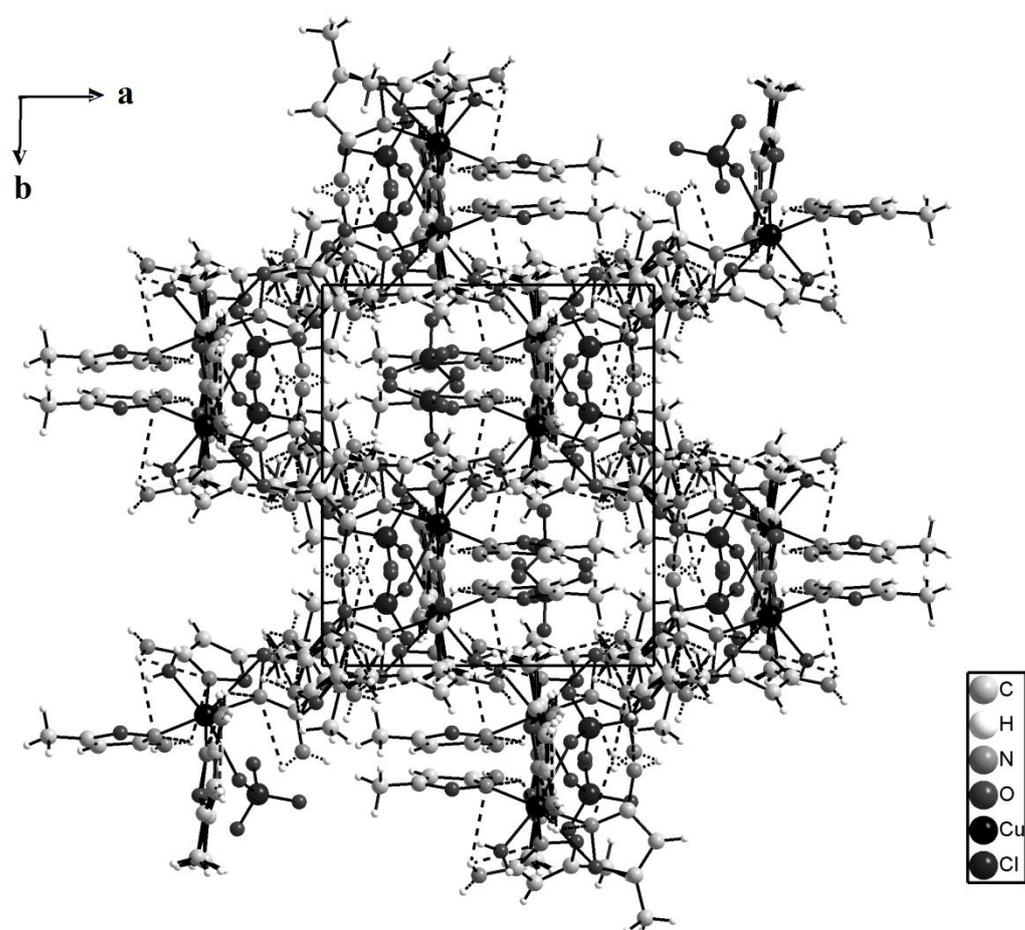


Fig. S3. Projection of the crystal packing of the title compound along the *c* axis.
The dotted lines indicate hydrogen bonds

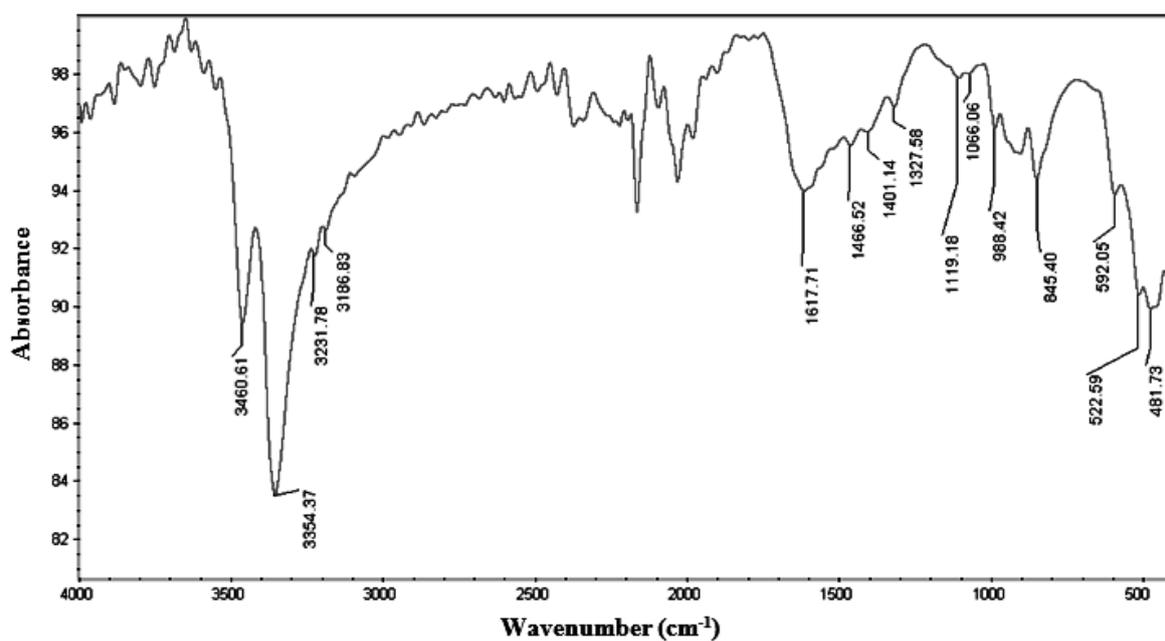


Fig. S4. Infrared absorption spectrum of $[\text{CuClO}_4(\text{C}_4\text{H}_6\text{N}_2\text{O})_4\text{H}_2\text{O}]\text{ClO}_4(\text{C}_4\text{H}_6\text{N}_2\text{O})_{0.08}$

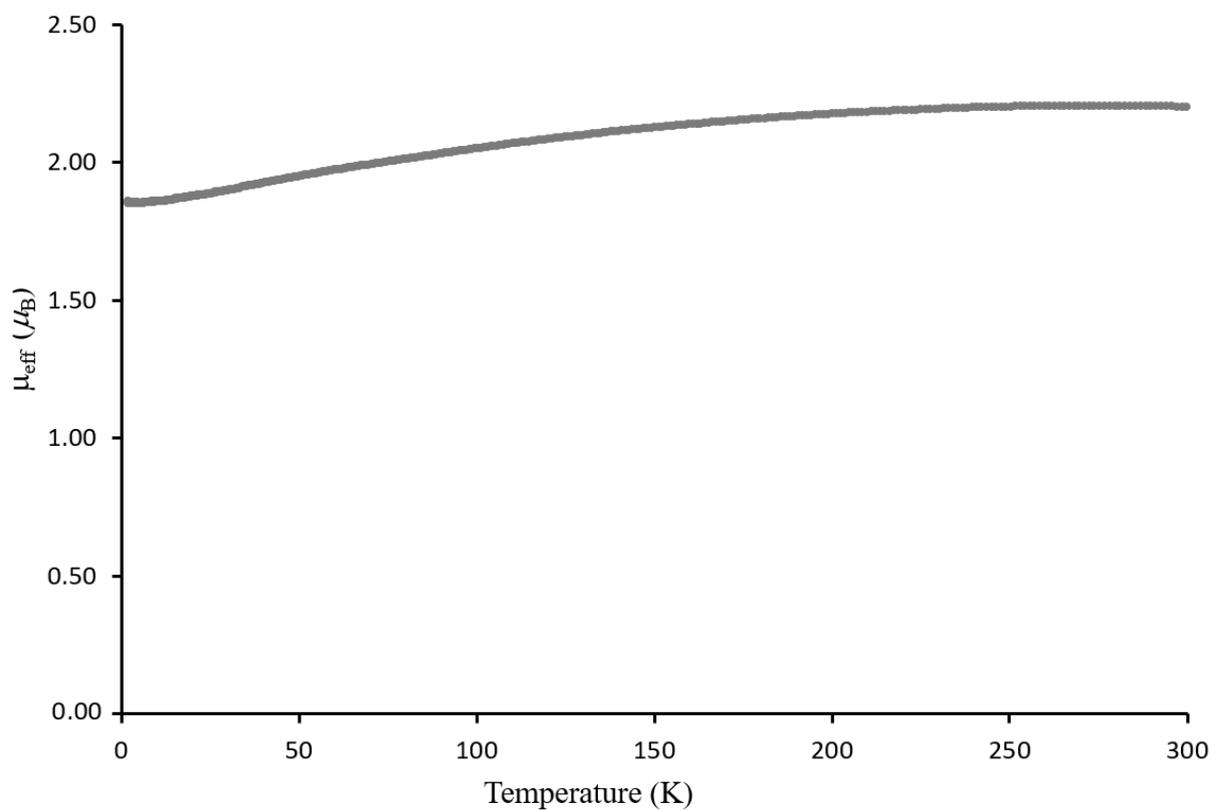


Fig. S5. Relationship of μ_{eff} vs. T for the title complex