On the magneto-structural role of the coordinating anion in oxamato-bridged copper(II) derivatives†

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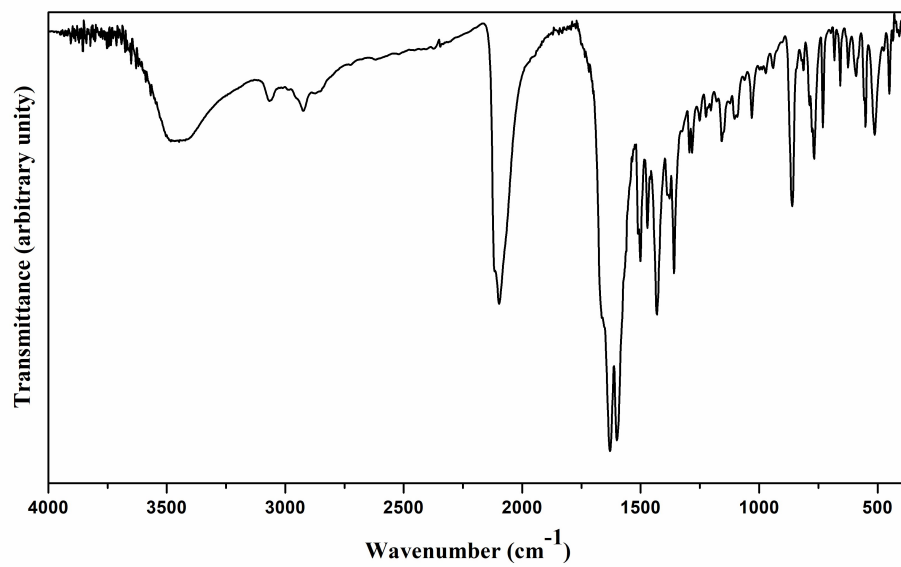
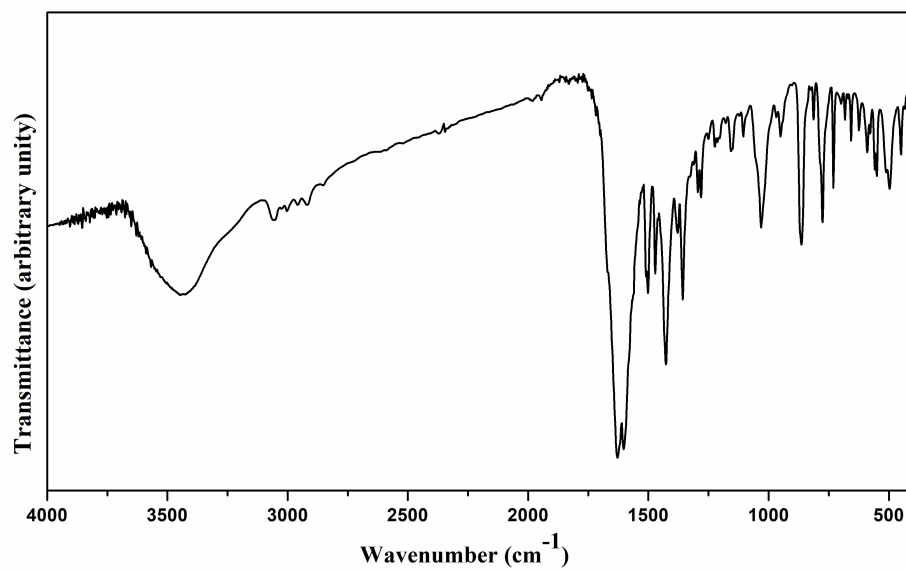_____

Figure S1. IR spectrum of **1**.
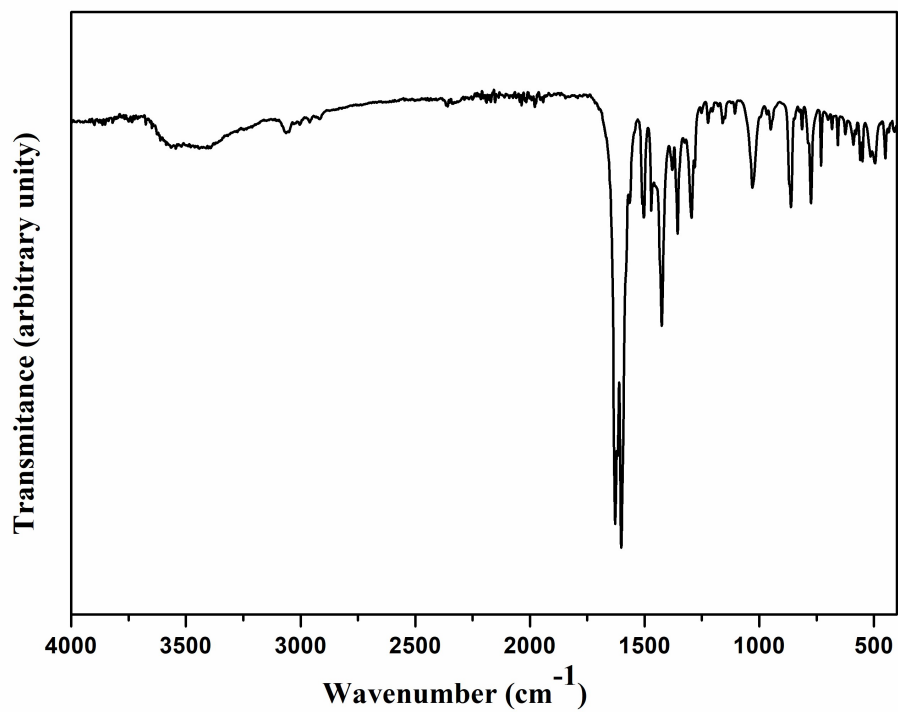

Figure S2. IR spectrum of **2**.

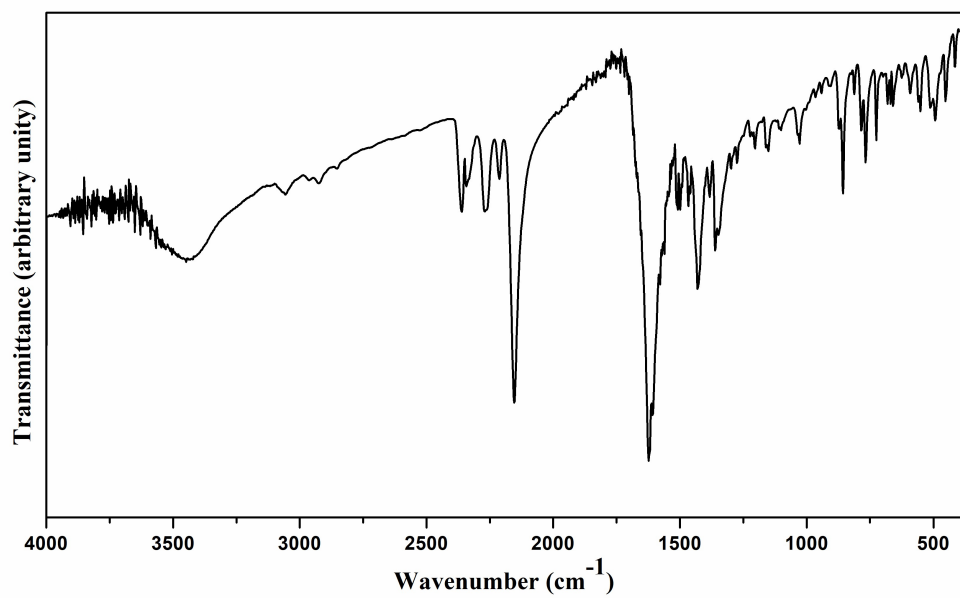**Figure S3.** IR spectrum of **3**.
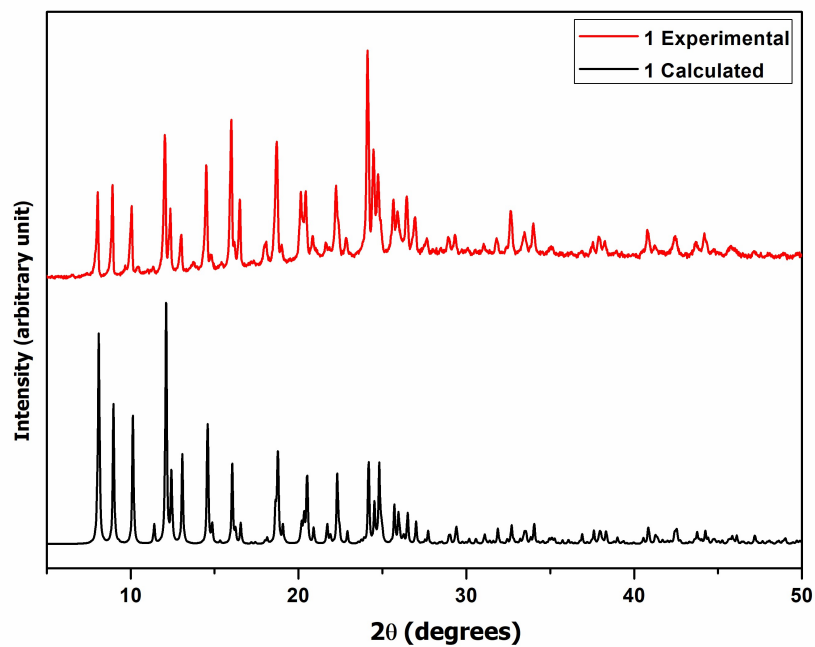

Figure S4. IR spectrum of **4**.

Figure S5. Experimental (red) and calculated (black) XRD patterns of **1**.
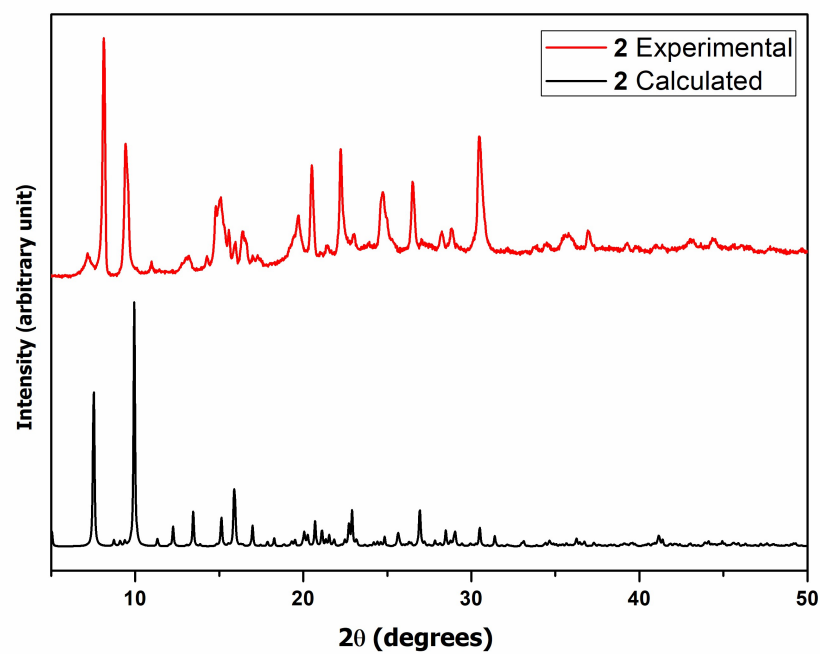

Figure S6. Experimental (red) and calculated (black) XRD patterns of **2**.
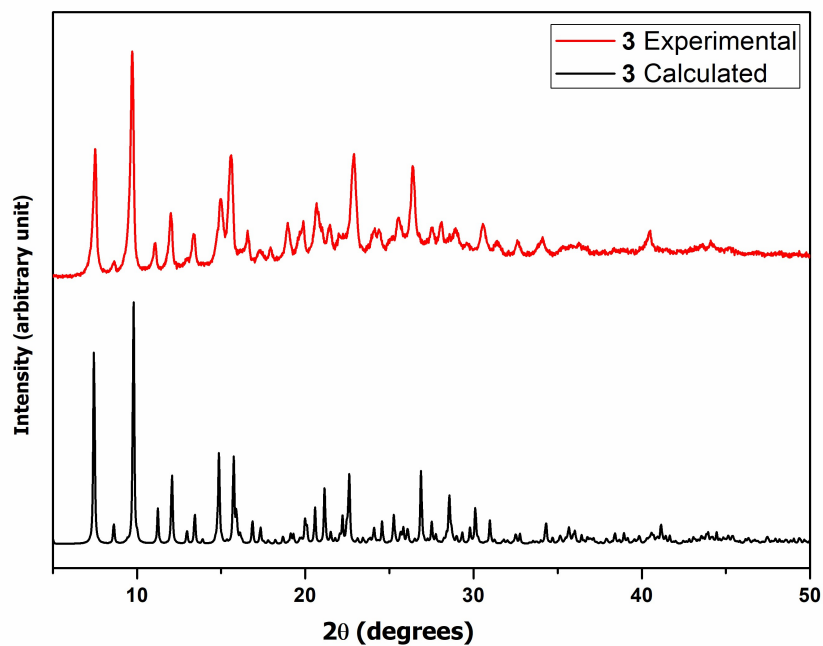
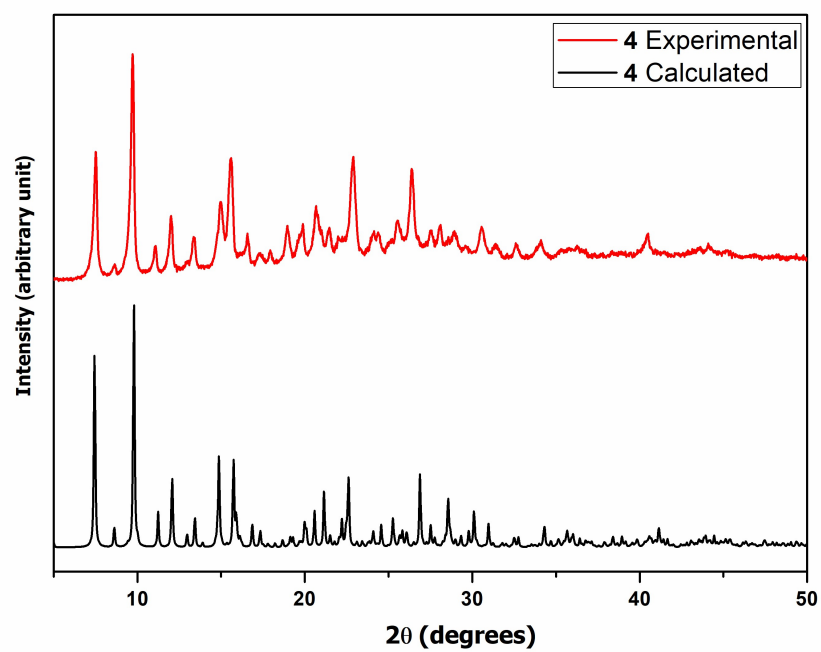**Figure S7.** Experimental (red) and calculated (black) XRD patterns of **3**.

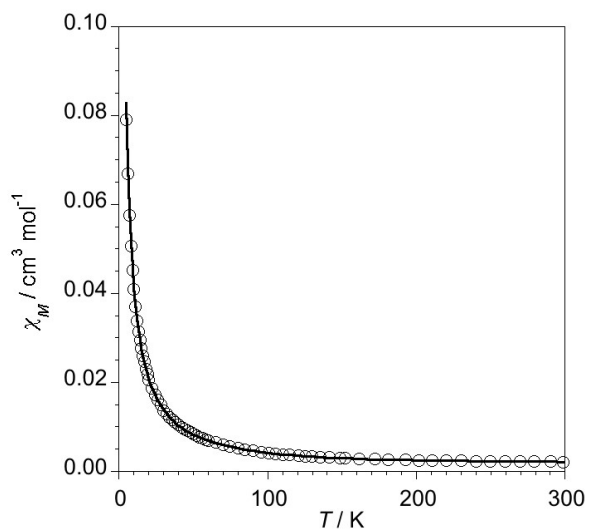**Figure S8.** Experimental (red) and calculated (black) XRD patterns of **4**.

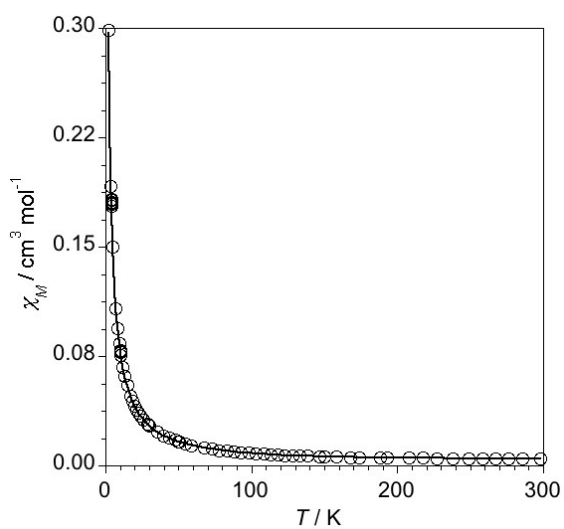**Figure S9**. χ_M against T plot for **1**: (o) experimental; (−) best-fit curve through eq (1) (see text).

Figure S10. χ_M against T plot for **2**: (o) experimental; (−) best-fit curve through eq (3) (see text).

Figure S11. χ_M against T plot for **3**: (o) experimental; (−) best-fit curve through eq (3) (see text).

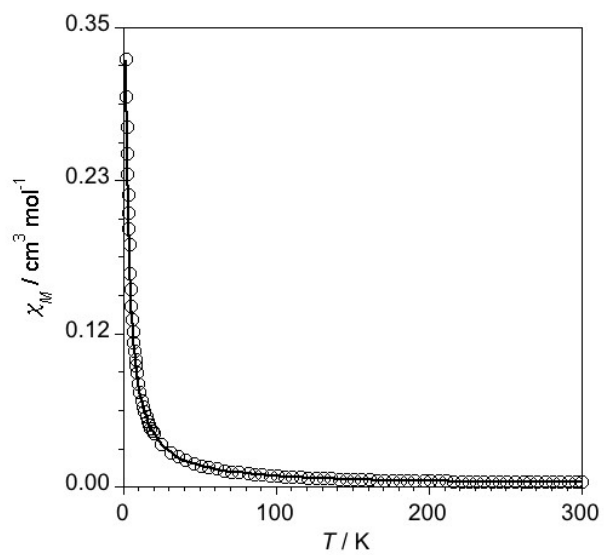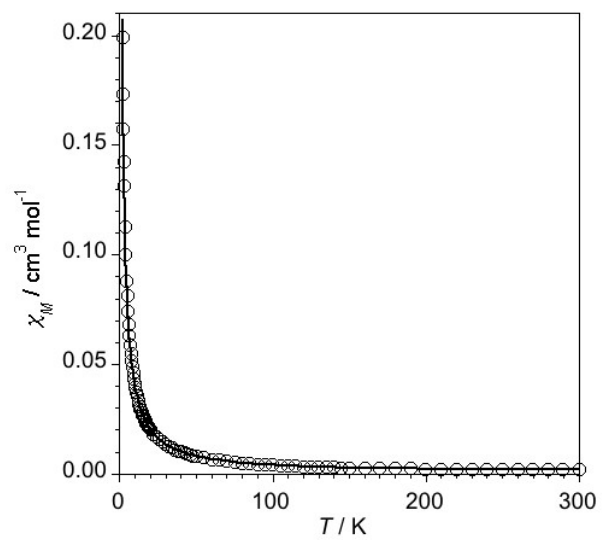**Figure S12**. χ_M against T plot for **4**: (o) experimental; (−) best-fit curve through eq (1) (see text).