

Supporting Information

Synthesis, crystal structure and magnetic properties of two alternating double $\mu_{1,1}$ and $\mu_{1,3}$ azido bridged Cu(II) and Ni(II) chains

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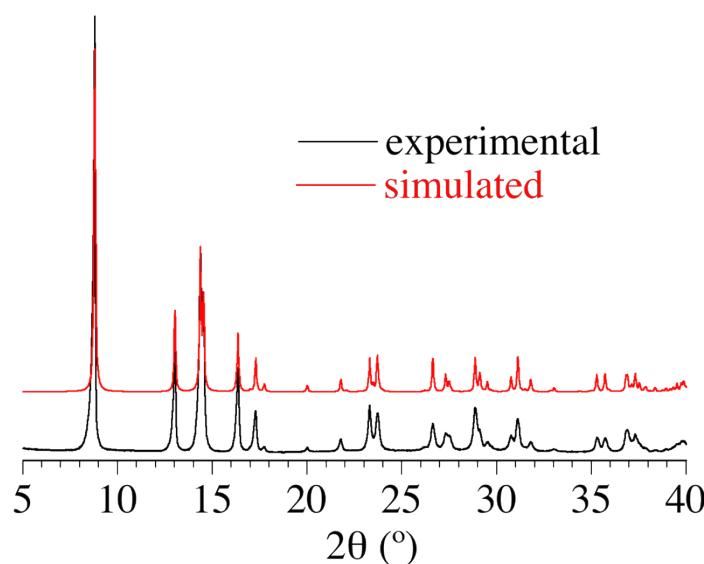


Figure S1. Experimental and simulated powder X-ray diffraction patterns at room temperature for complex **2** in the $5^\circ \leq \theta \leq 40^\circ$ range.

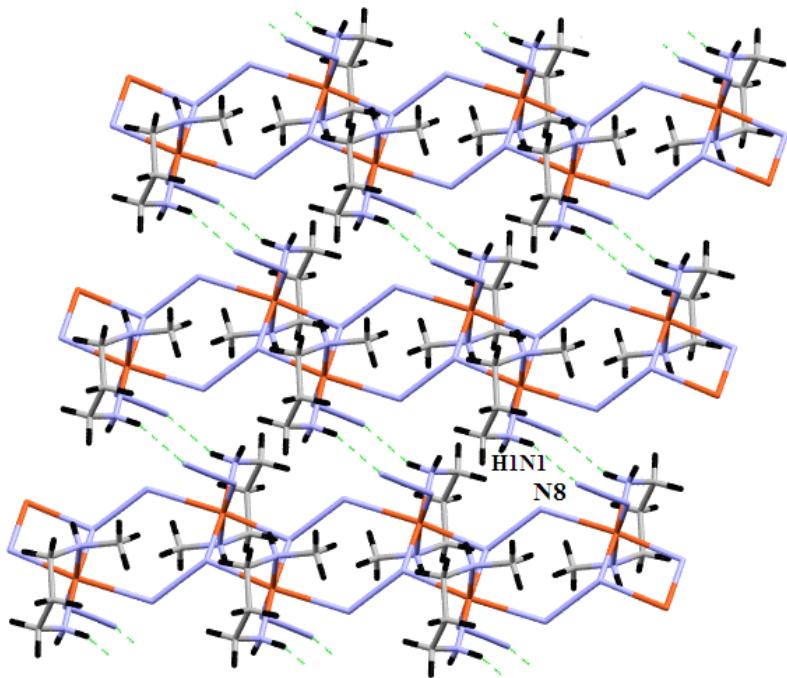


Figure S2. 2D supramolecular sheet of complex 1.

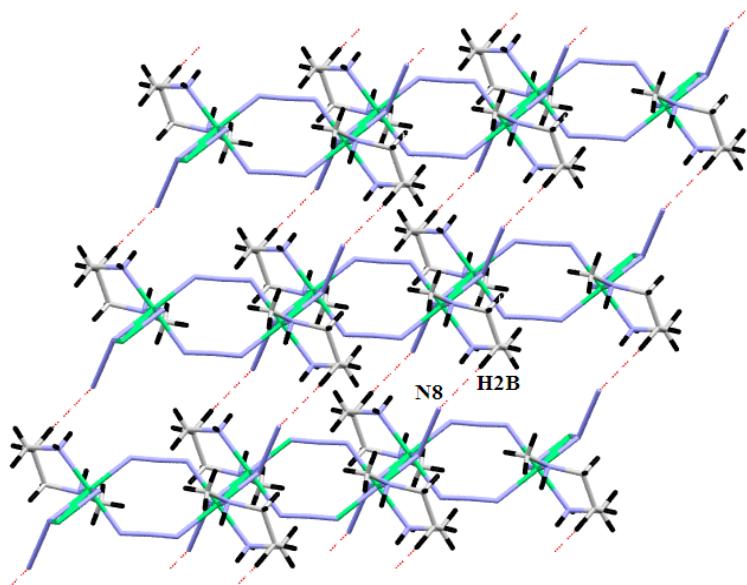


Figure S3. 2D supramolecular sheet of complex 2. N2B and C4B atoms were omitted for clarity.

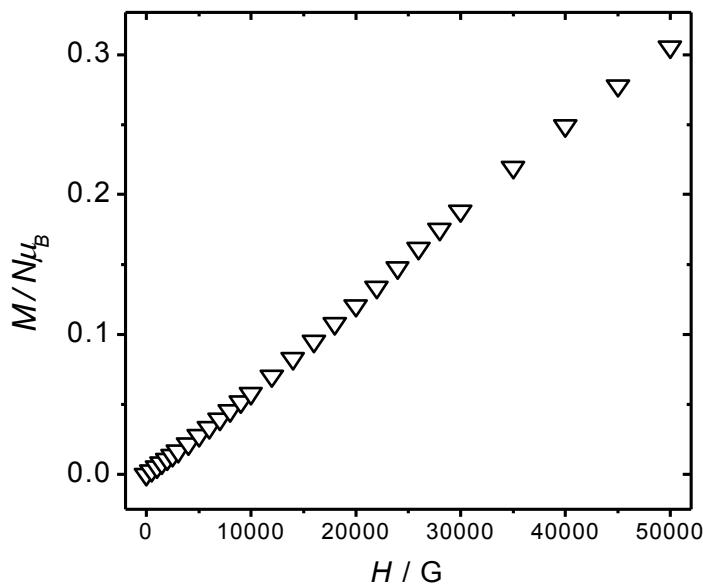


Figure S4. Isothermal magnetization at 2 K of compound **1**.

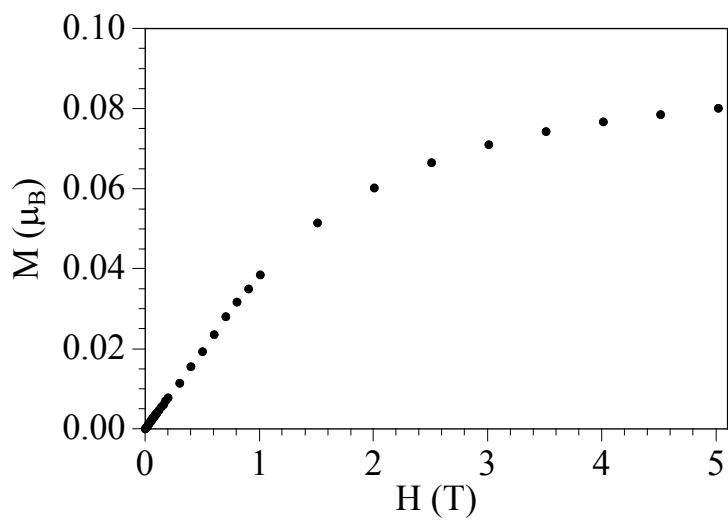


Figure S5. Isothermal magnetization at 2 K of compound **2**.