

Supporting Information for

Assembly of alternating spin-chains with magnetically anisotropic cobalt(II) dimers

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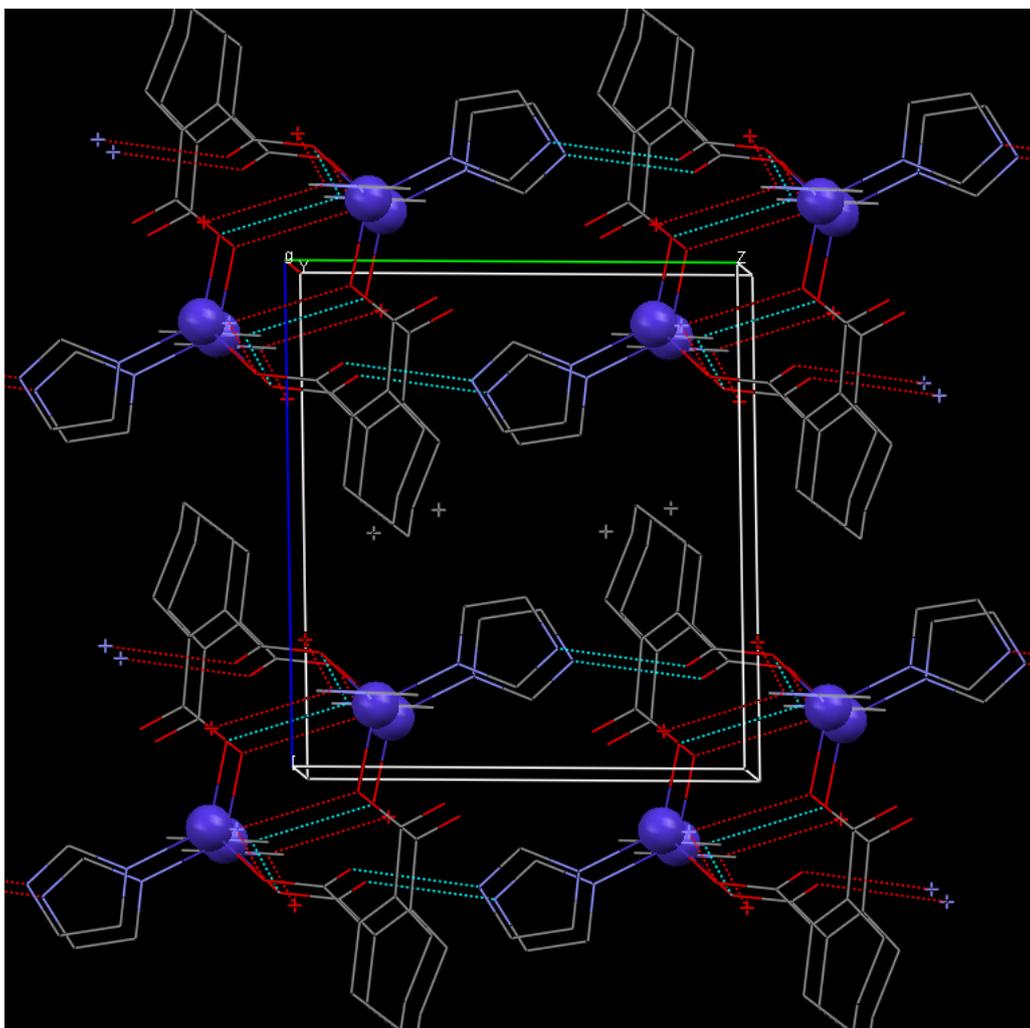


Fig. S1. Intermolecular hydrogen-bonding interactions in **1**.

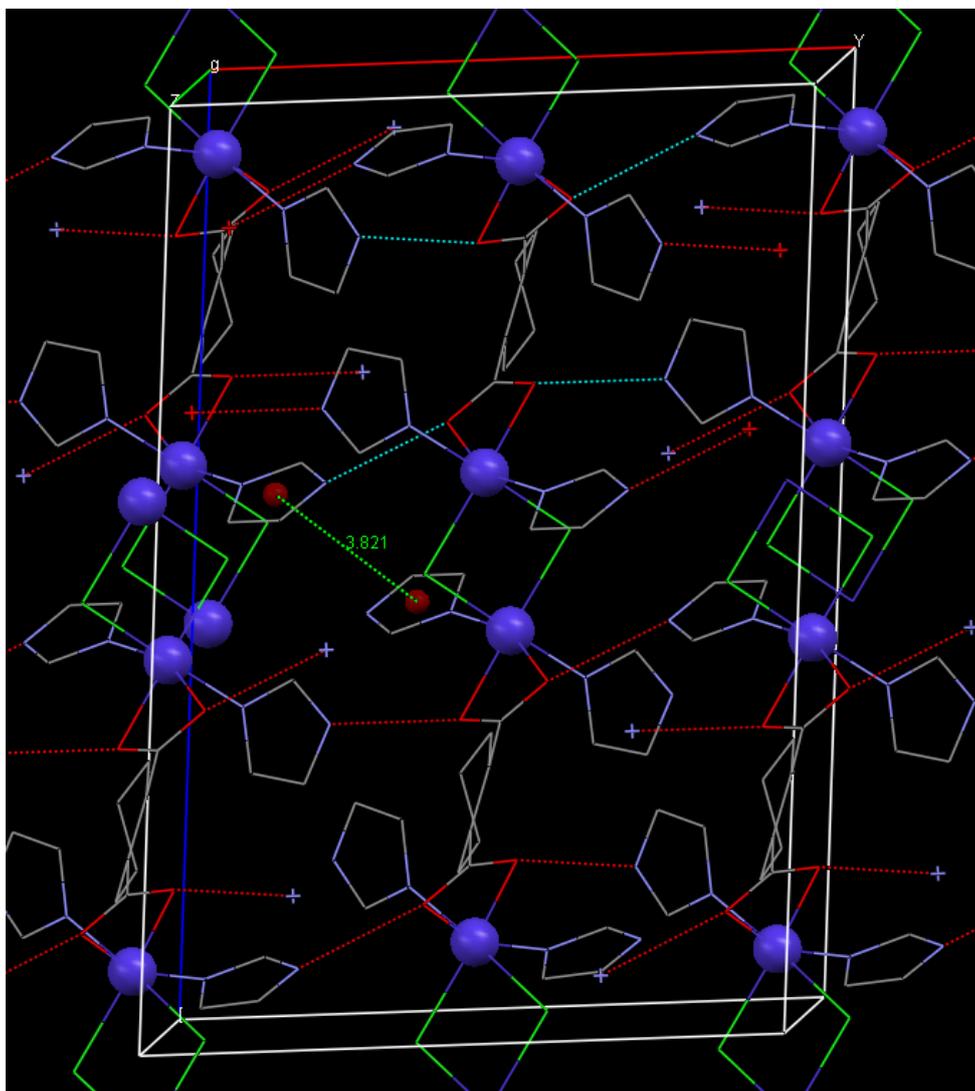


Fig. S2. Interchain hydrogen-bonding interactions and potential π - π stacking interactions in **2**.

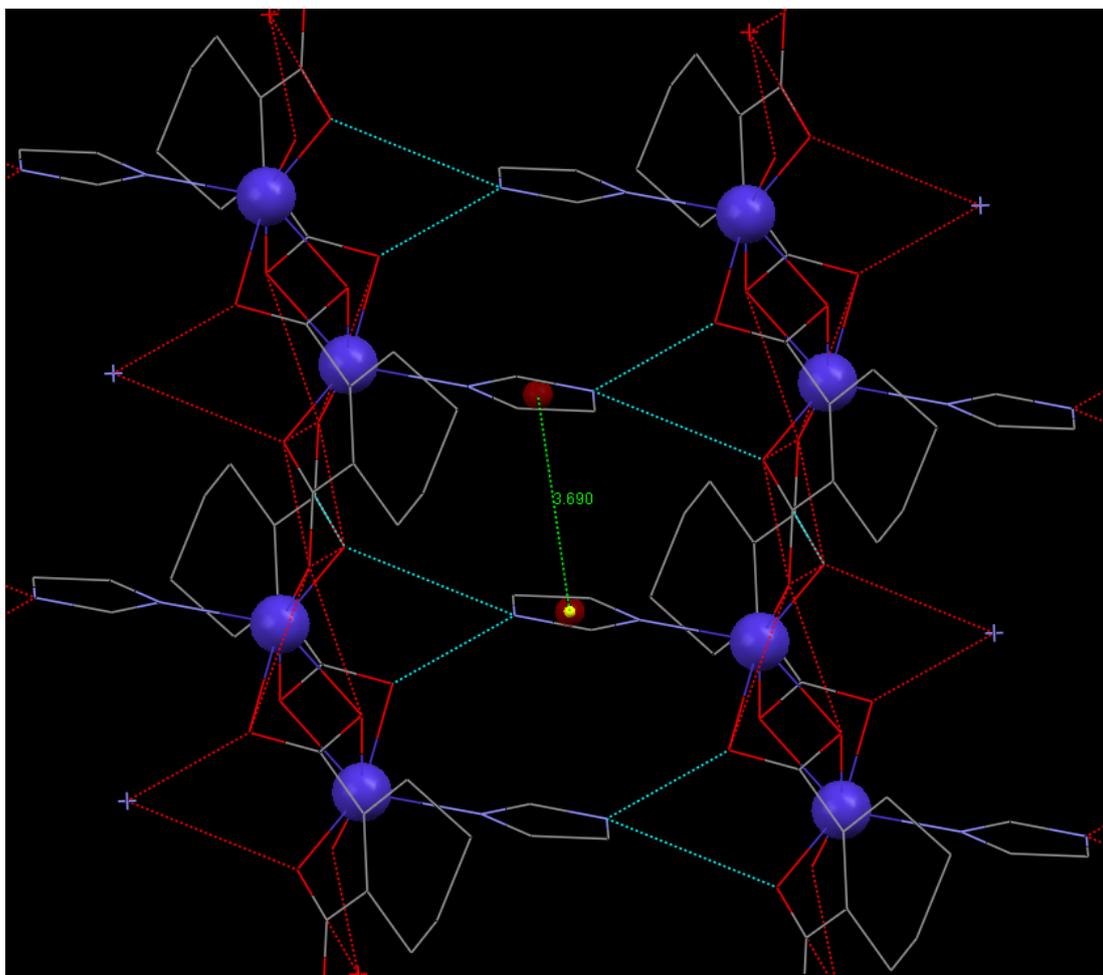


Fig. S3. Interchain π - π stacking and hydrogen-bonding interactions in **3**.

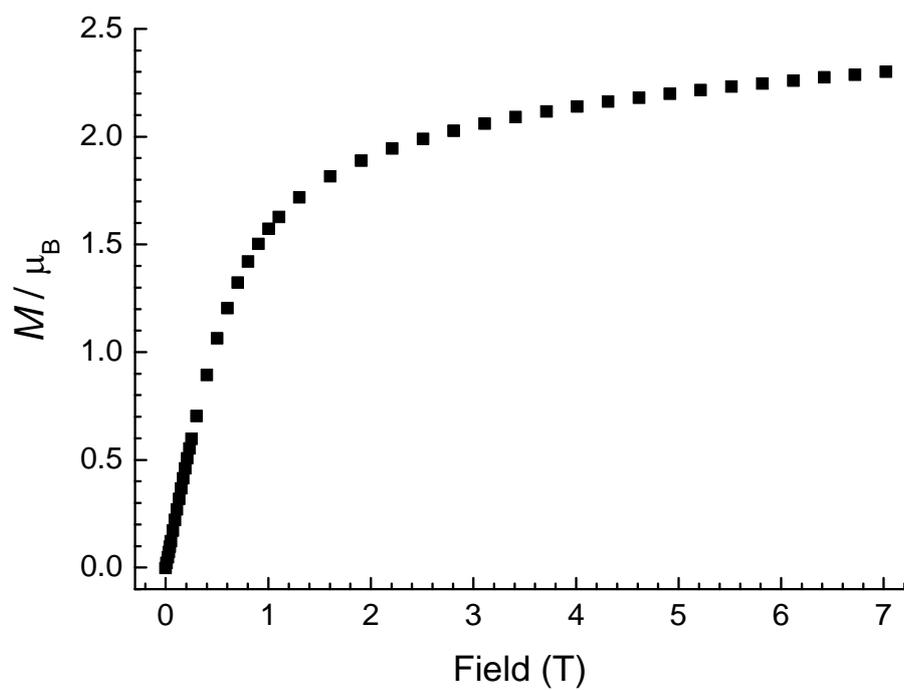


Fig. S4. Isothermal magnetization of **2** measured at 2 K.

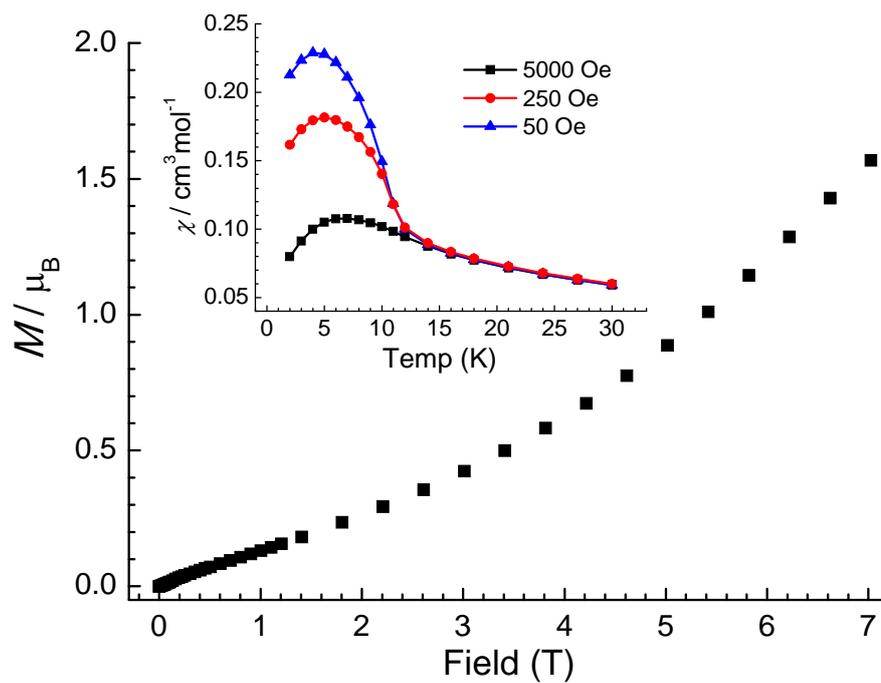


Fig. S5. Isothermal magnetization of **3** measured at 2 K. Inset: temperature-dependent susceptibility data measured at indicated external dc fields.

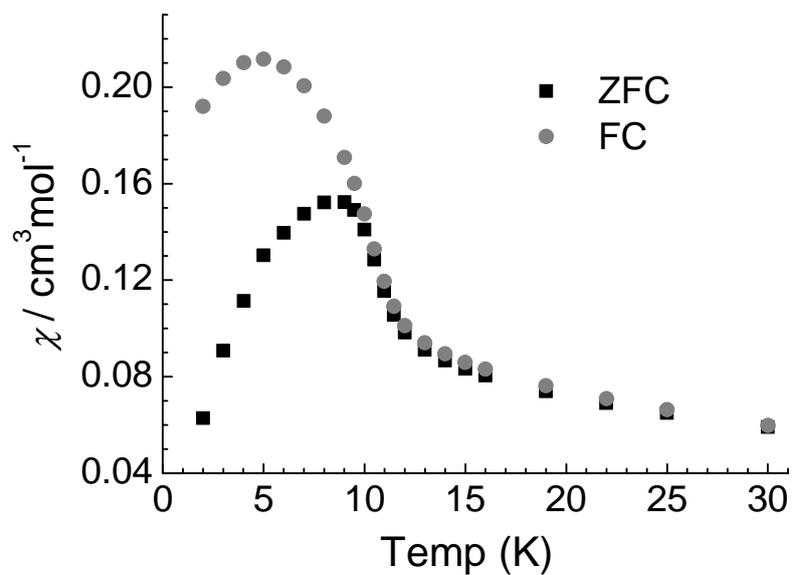


Fig. S6. Zero-field cooled (ZFC) and field-cooled (FC) magnetization of **3** measured under an external field of 100 Oe.