

Tetranuclear [Cu-Ln]₂ Single Molecule Magnets: Synthesis, Structural and Magnetic Studies.

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Supplementary Material

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Figure S1. Thermal dependence of $\chi_M T$ for **6** at 0.1 T.

Figure S2. Field dependence of the magnetization for **6** at 2K.

Figure S3. Frequency dependence of the out of phase susceptibilities against temperature in a 3 G ac magnetic field oscillating at different frequencies (50, 100, 250, 500 and 1000 Hz) for complex **3**.

Figure S4. Magnetization (M) vs magnetic field (H) hysteresis loops for a single crystal of **3** at indicated temperatures and field sweep rates. M is normalized to its saturation value at 1.4 T.

Figure S5. Magnetization (M) vs magnetic field (H) hysteresis loops for a single crystal of **6** at indicated temperatures and field sweep rates. M is normalized to its saturation value at 1.4 T.

Figure S6. Normalized magnetization M/M_S measured as a function of time at the indicated temperatures. The sample was a single crystal of **5**.

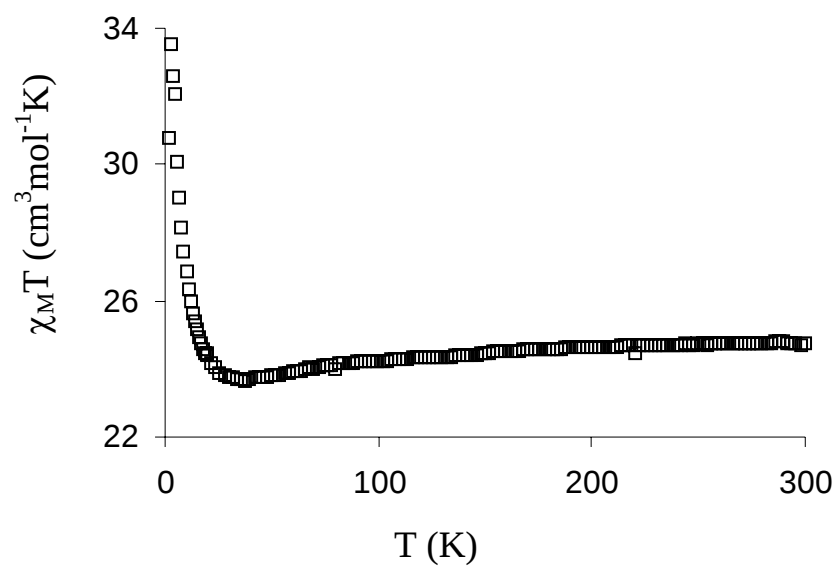


Figure S1

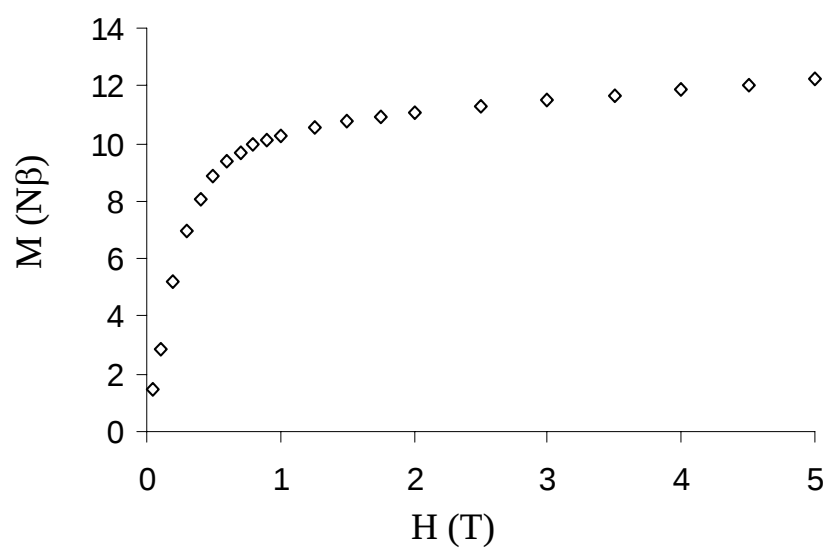


Figure S2

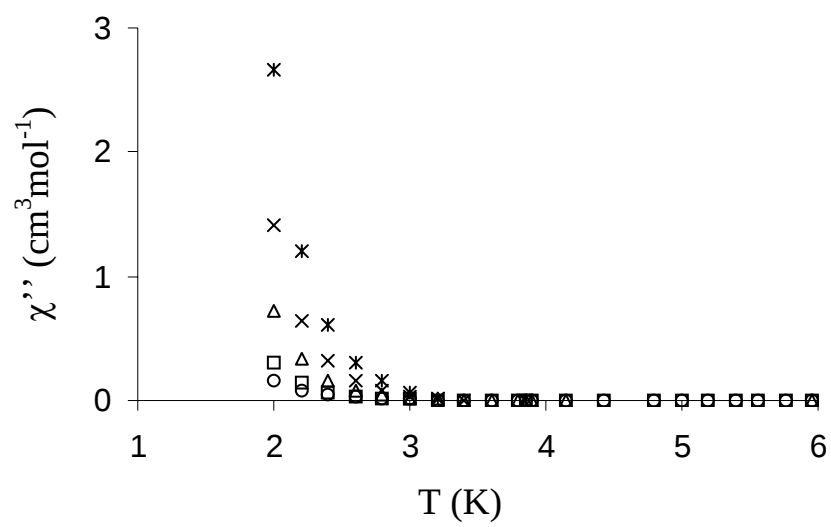


Figure S3.

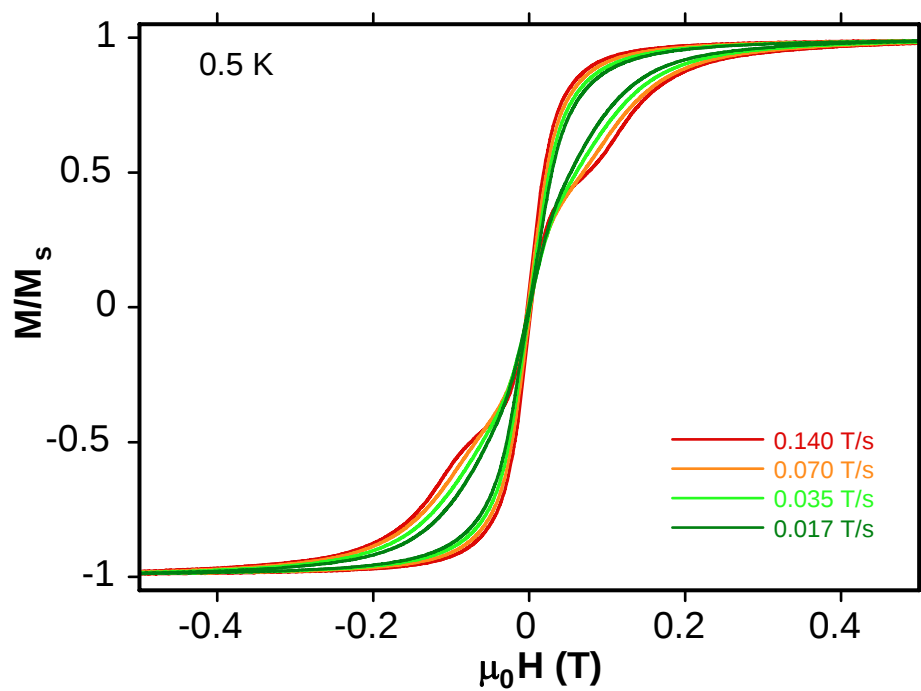
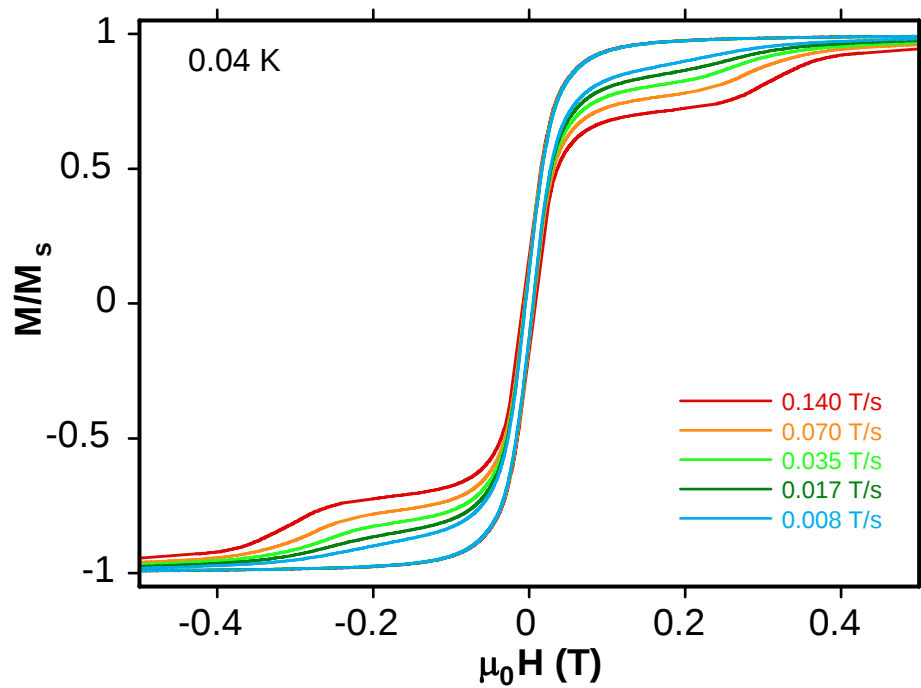


Figure S4.

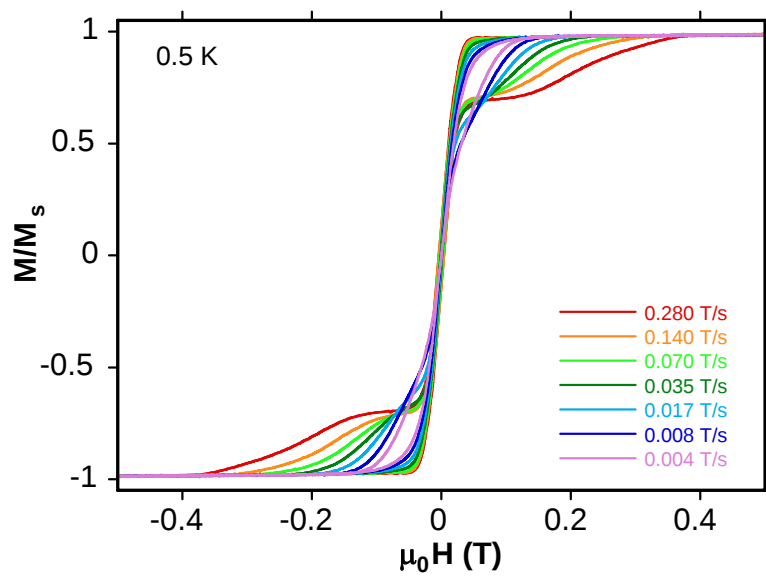
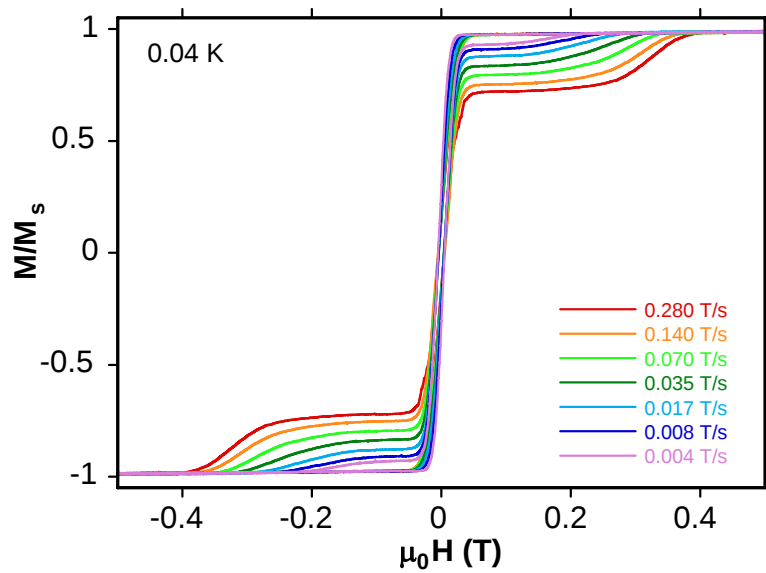
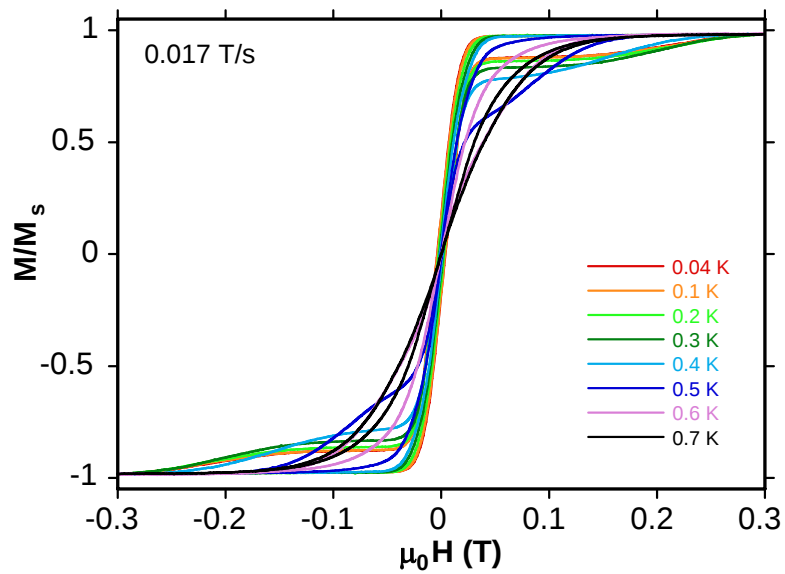


Figure S5.

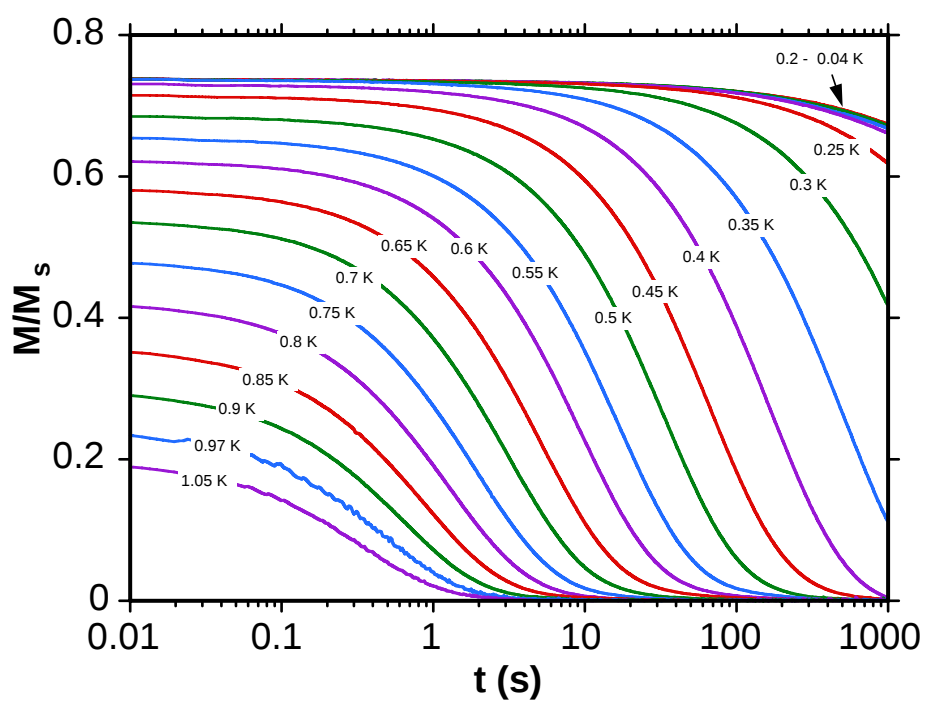


Figure S6