

Supplementary Material

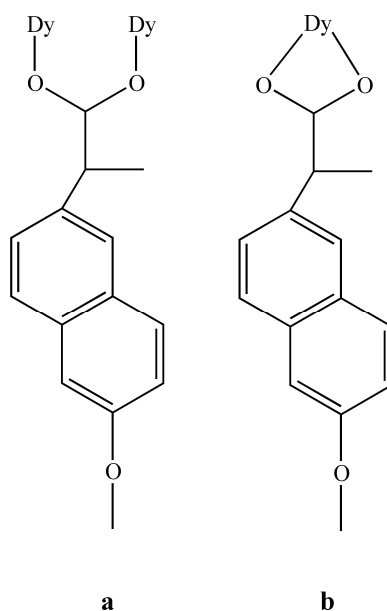
Dinuclear Lanthanide–Carboxylate Compounds: Field-Induced Slow Relaxation of Magnetization for Dysprosium(III) Analogue

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Scheme S1. Coordination modes of the organic ligand in **1**

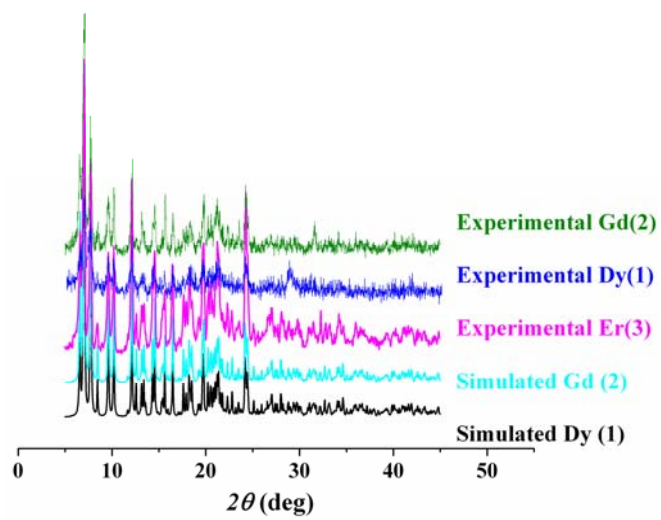


Figure S1. The experimental powder XRD patterns for Dy(1), Gd(2) and Er(3) and Simulated powder XRD patterns for Dy(1) and Gd(2)

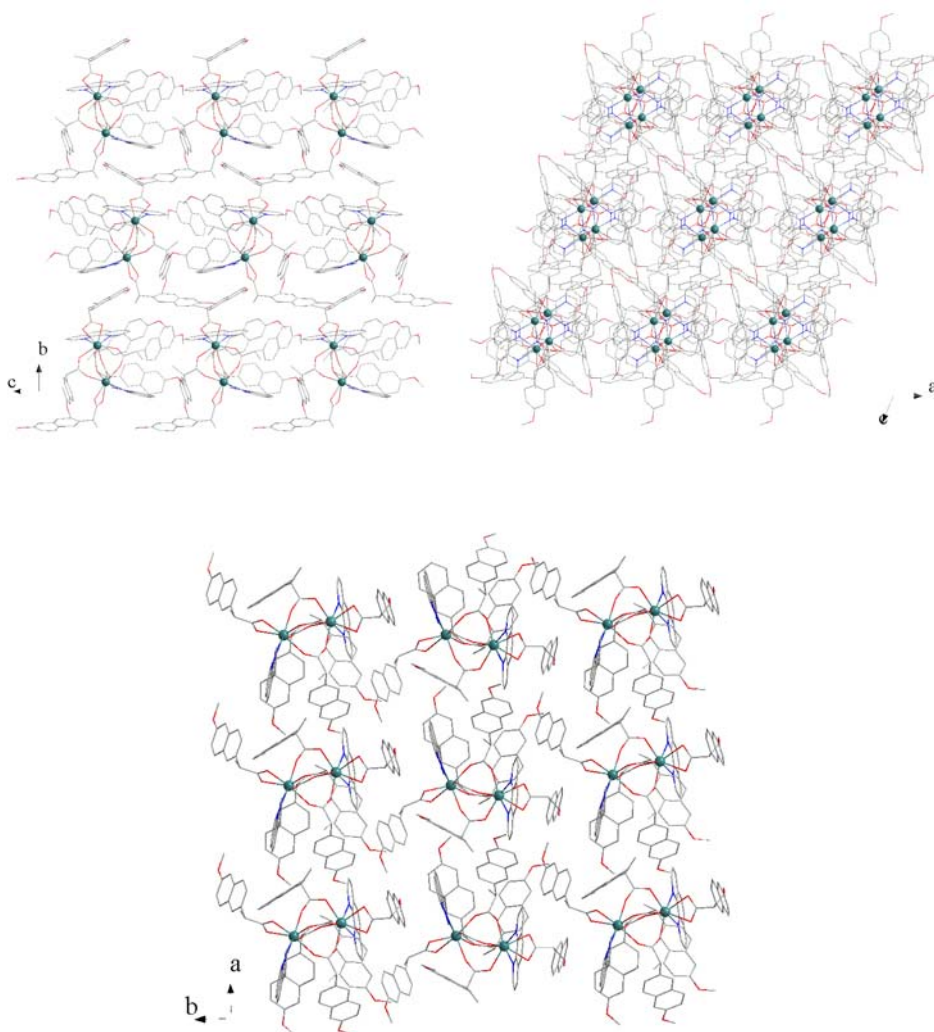


Fig. S2 Packing arrangements along the *a*, *b*, and *c*-axes for **1**.

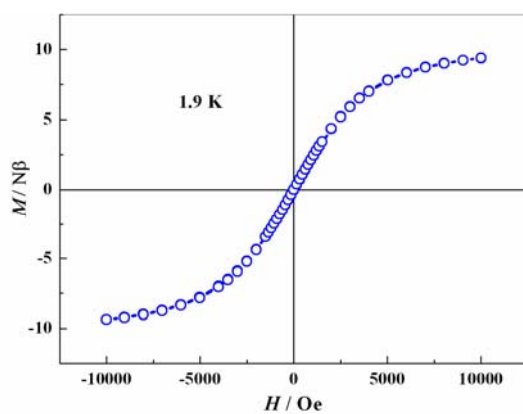


Fig. S3. Field dependence of the magnetization of **1** measured at 1.9 K.

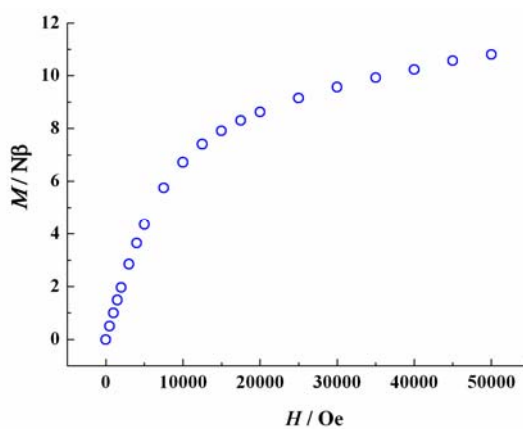


Fig. S4. Field dependence of the magnetization of **3** measured at 2 K.

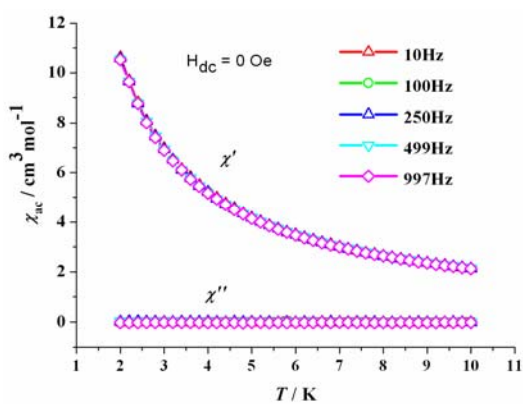


Fig. S5. Temperature dependence of the in-phase (top) and out-of phase (bottom) ac susceptibility signals under zero dc field for **1**.

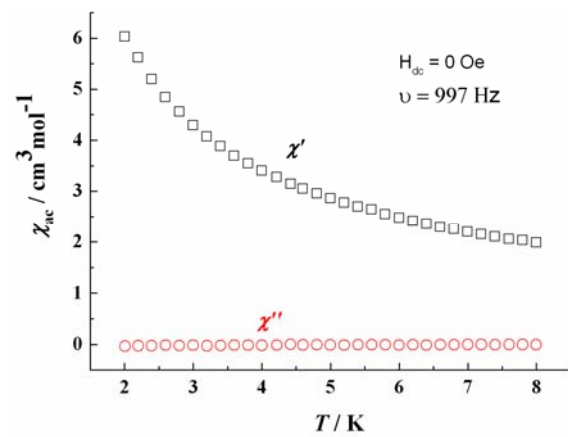


Fig. S6. Temperature dependence of the in-phase (top) and out-of phase (bottom) ac susceptibility signals under zero dc field for **3**.

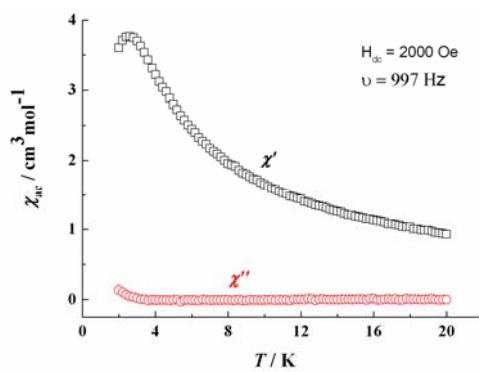


Fig. S7. Temperature dependence of the in-phase and out-of phase ac susceptibility signals under 2 kOe dc field for **3**.