Coordination-perturbed single-molecule magnet behavior of mononuclear dysprosium complexes

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Fig. S1 Packing diagram of compound 1

Fig. S2 Packing diagram of compound 2
Fig. S3 A fit of the experimental data to a Curie-Weiss law of complex 1

Fig. S4 A fit of the experimental data to a Curie-Weiss law of complex 2
**Fig S5** The temperature dependence of ac susceptibility at frequencies from 10 to 1488 Hz for 1

**Fig. S6** $M$ vs. $H$ data of 1 at 2 K emphasizing the absence of significant magnetic hysteresis loop