

Supporting Information for

Single-molecule magnet involving strong exchange coupling in terbium(III) complex with 2,2'-bipyridin-6-yl *tert*-butyl nitroxide

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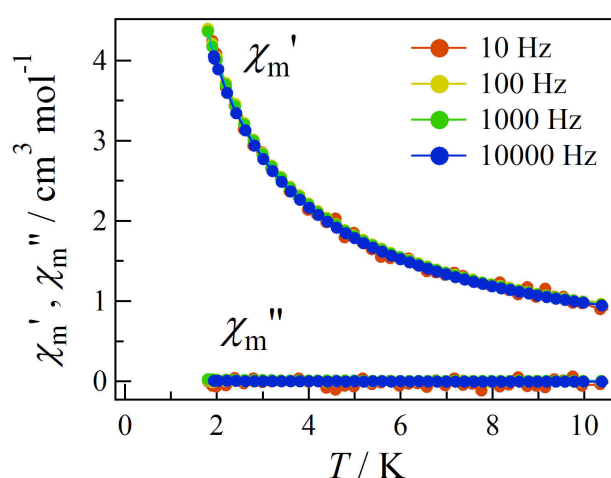


Figure S1. Ac magnetic susceptibilities for **Dy-2pyNO** without any applied dc bias field. Note that isomorphous **Tb-2pyNO** showed frequency dependence of χ' and χ'' under the same experimental conditions. See: R. Murakami, T. Ishida, S. Yoshii and H. Nojiri, *Dalton Trans.*, 2013, **42**, 1396.

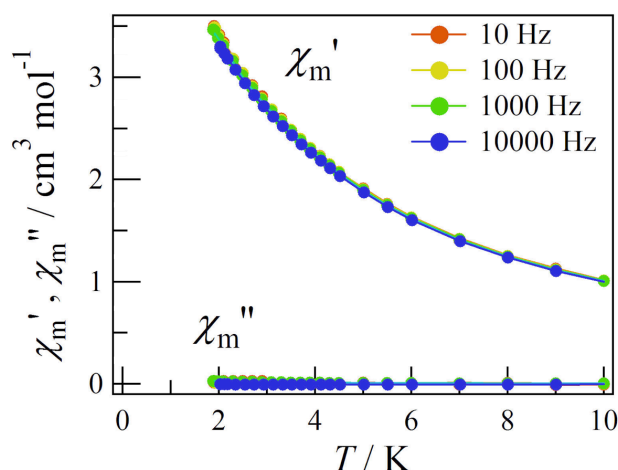


Figure S2. Ac magnetic susceptibilities for **Dy-6bpyNO** at an applied dc bias field of 2000 Oe. The experimental conditions are the same as those of Figures 5b and 5d.