

Electronic Supporting Information

Self-Assembly of Heterometallic Ln^{III}-Co^{II} Coordination Polymers:

Syntheses, Structures, and Magnetic studies

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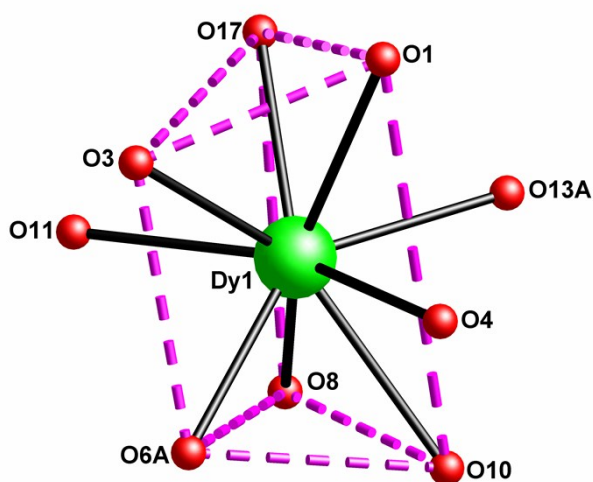


Fig. S1 The coordination geometry of Dy1 center.

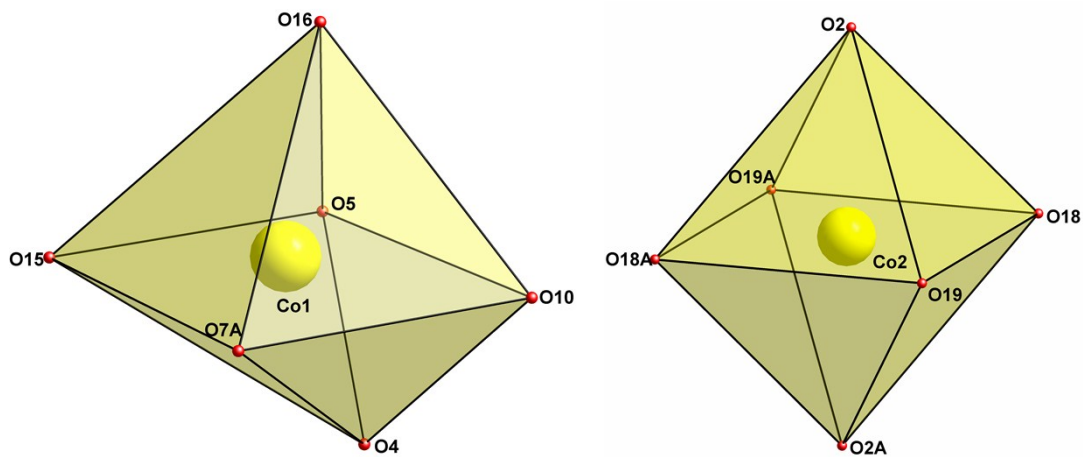


Fig. S2 The coordination geometry of Co1 and Co2 centers.

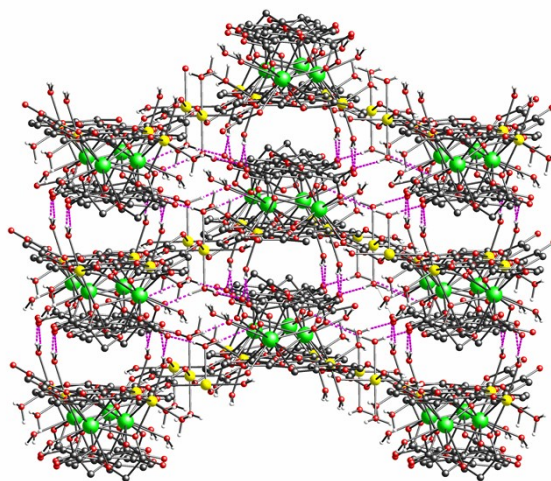


Fig. S3 The 3D supermolecular structure by hydrogen bonds of compound 5.

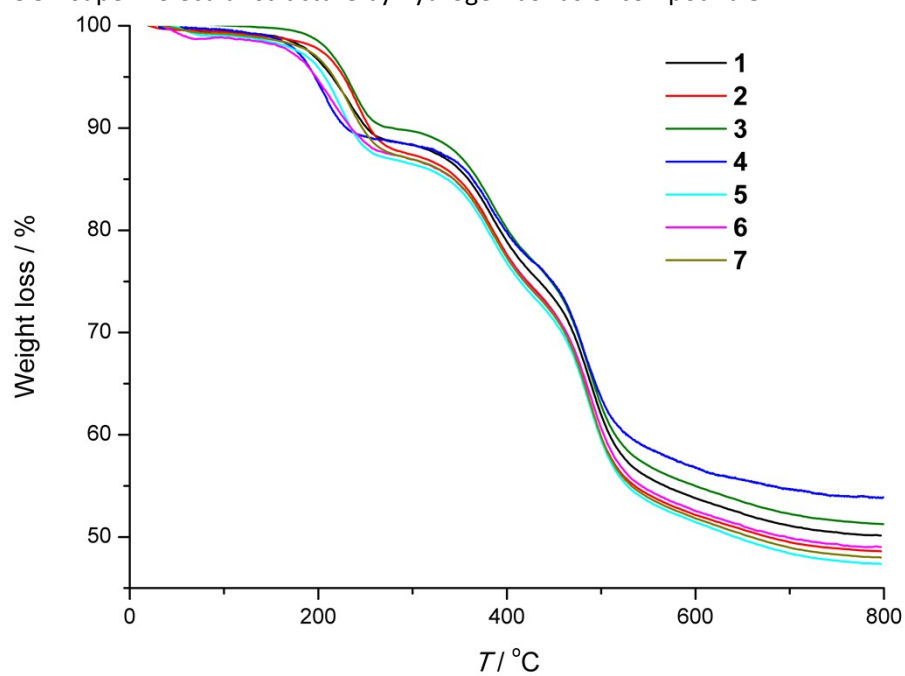


Figure S4. The TGA curves of compounds 1-7 measured under N₂ atmosphere.

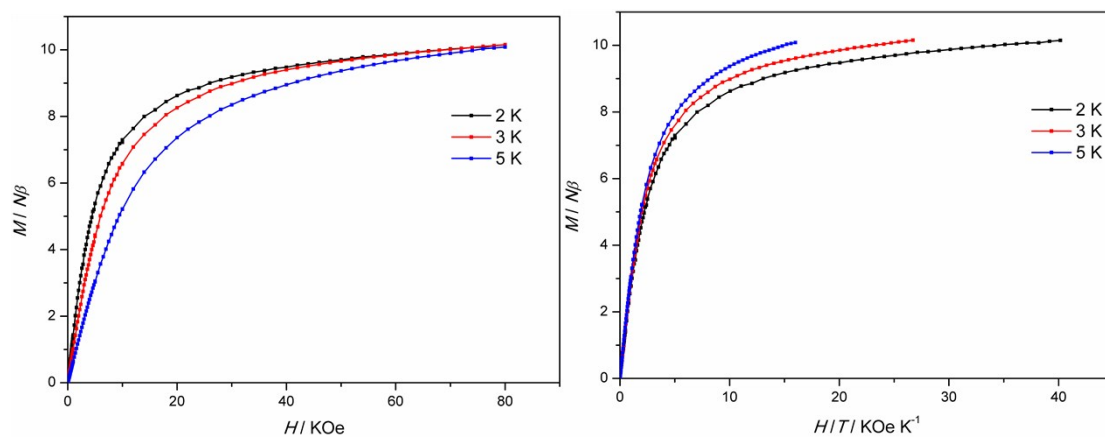


Fig. S5 Field dependence of the magnetization for compound 5.

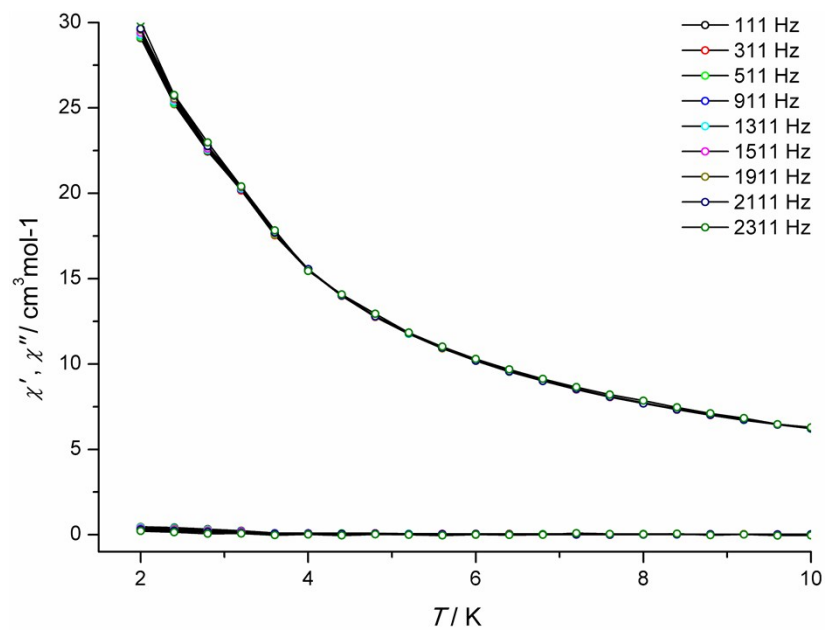


Fig. S6 Temperature dependence of ac susceptibilities for compound **5** in zero dc field.

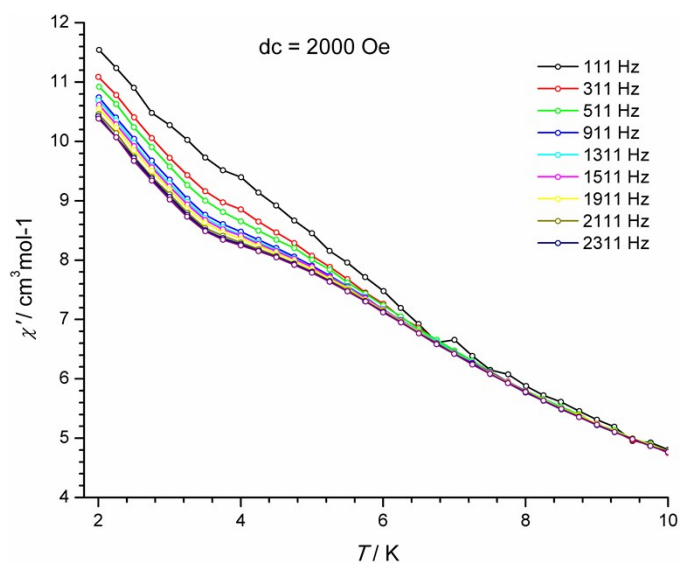


Fig. S7 Temperature dependence of the out-of-phase (χ') ac susceptibilities for compound **5** in 2000 Oe dc field.