

Accessory Publication

Anion Induced Diversification from Heptanuclear to Tetranuclear Clusters: Syntheses, Structures and Magnetic Properties

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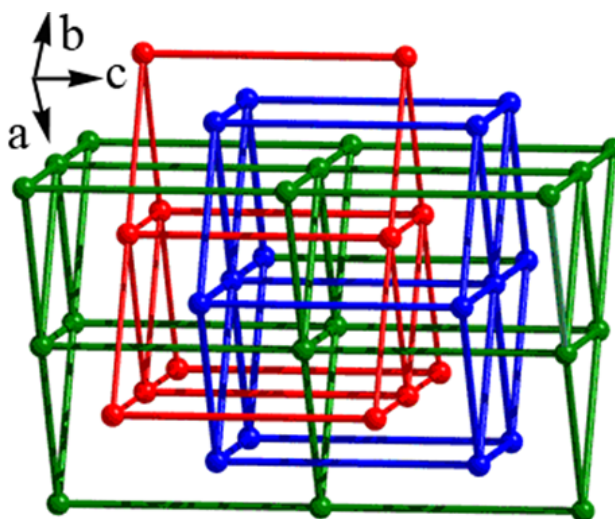


Figure S1. Relationship among center of clusters of complex **1**.
each cluster is predigested as the cent of cluster (Co1)

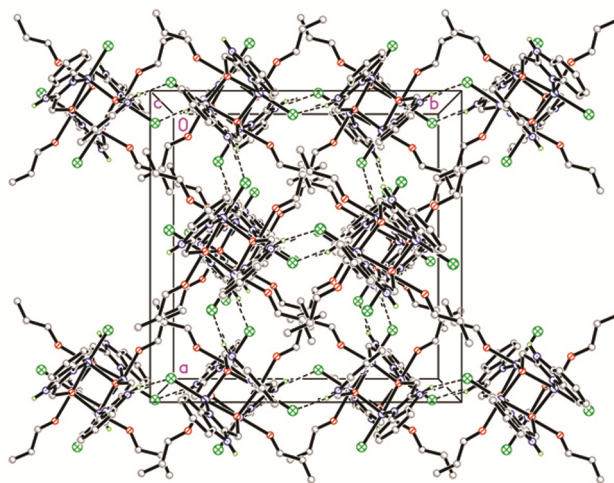


Figure S2. 2-D network through N–H $\cdots$ Cl hydrogen bond for **2**.

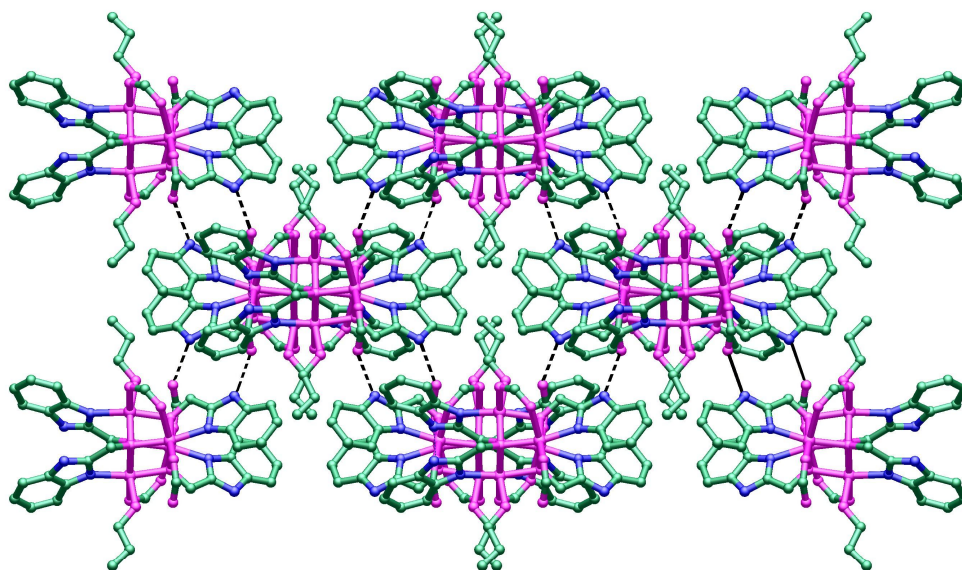


Figure S3. 2-D network through N–H $\cdots$ O hydrogen bond for **3**.

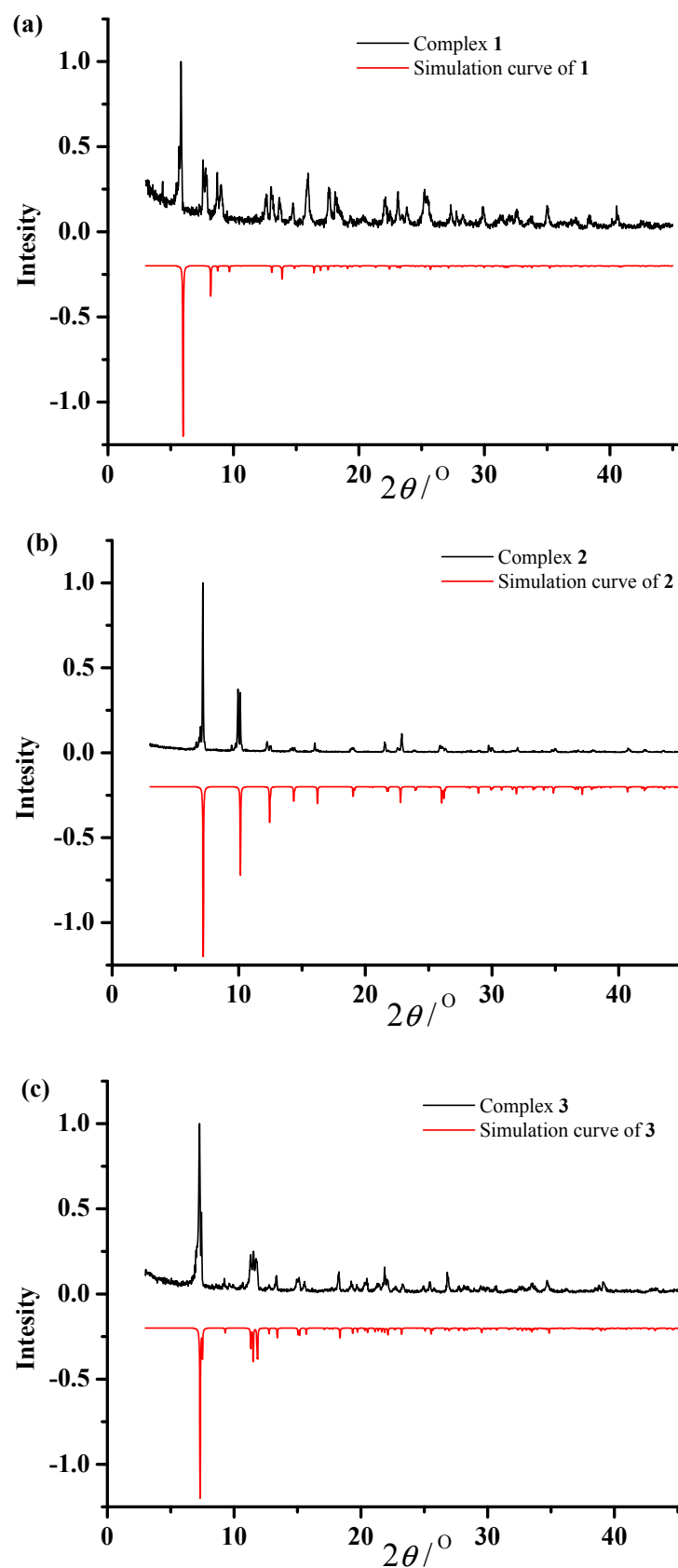


Figure S4 PXRD of 1-3, a for 1, b for 2, c for 3; complexes(black line), simulated curve (red line).

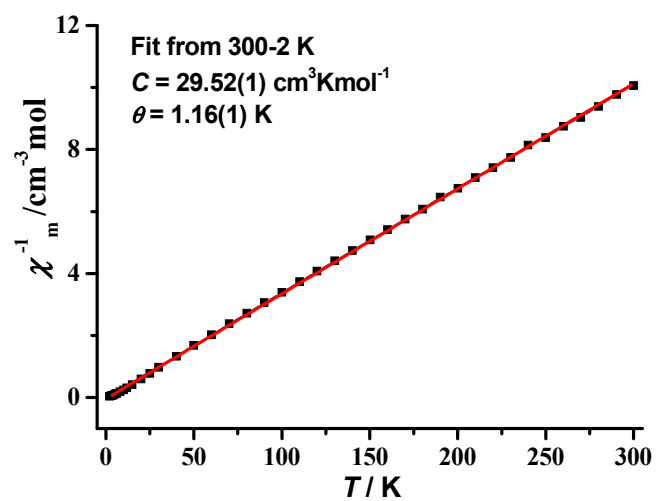


Figure S5. Plot of χ_M^{-1} vs T for **1**. The solid line represents a fit of data in the temperature range 2-300 K.

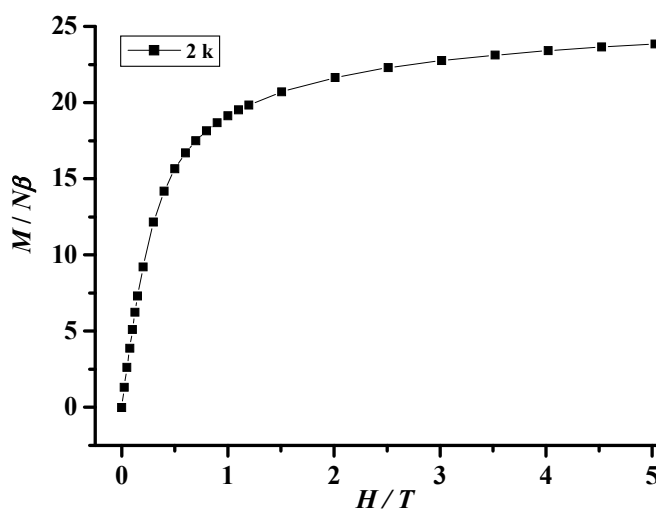


Figure S6. Field dependence of magnetization for **1** at 2 K

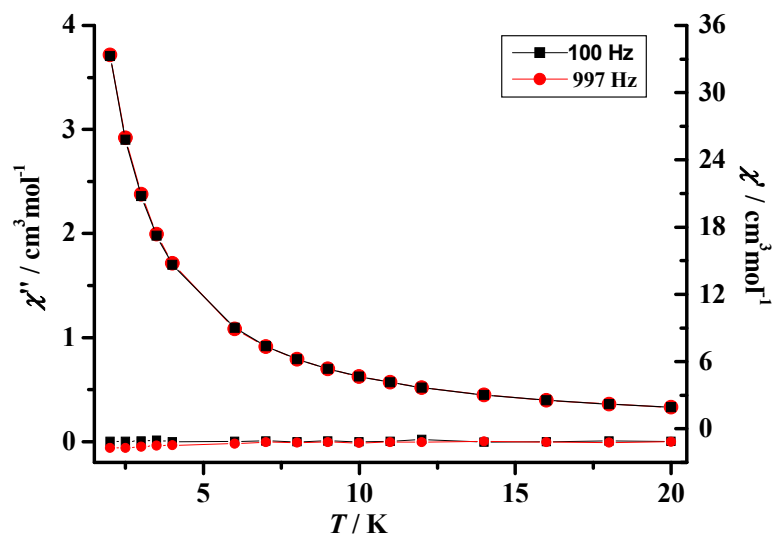


Figure S7. Plot of ac susceptibility shown as χ' vs T and χ'' vs T for **1**.

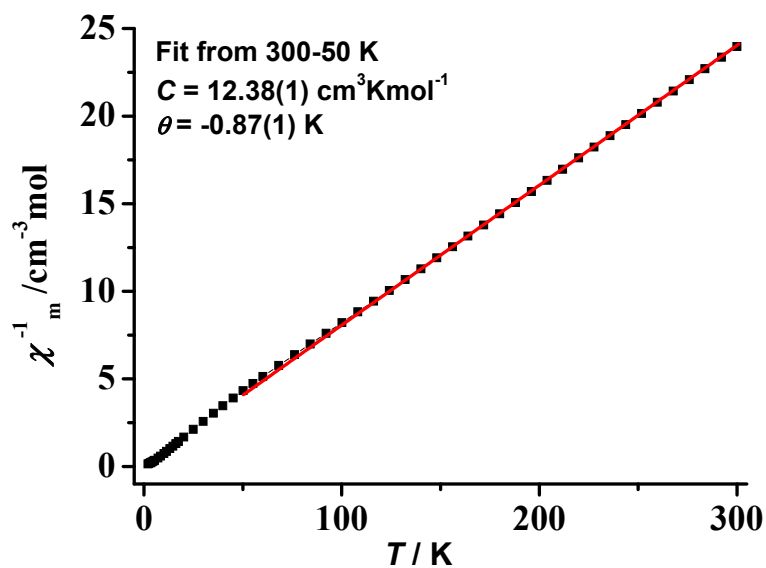


Figure S8. Plot of χ_M^{-1} vs T for **2**. The solid line represents a fit of data in the temperature range 50-300 K.

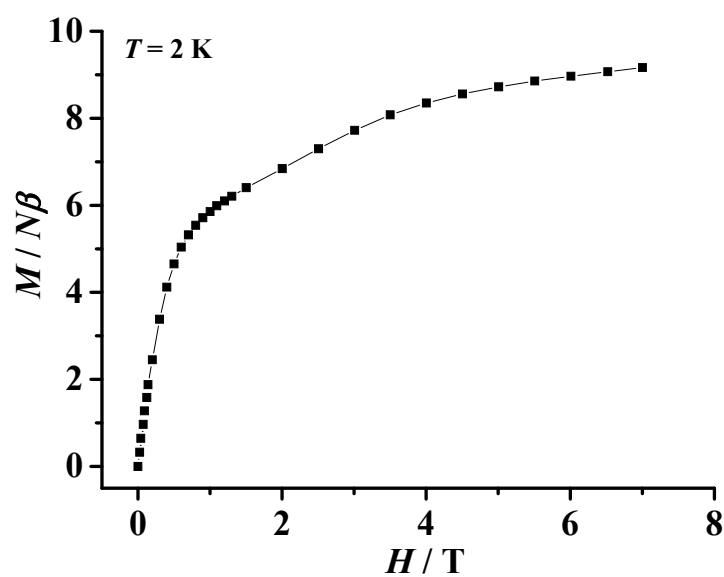


Figure S9. Field dependence of magnetization for **2** at 2 K

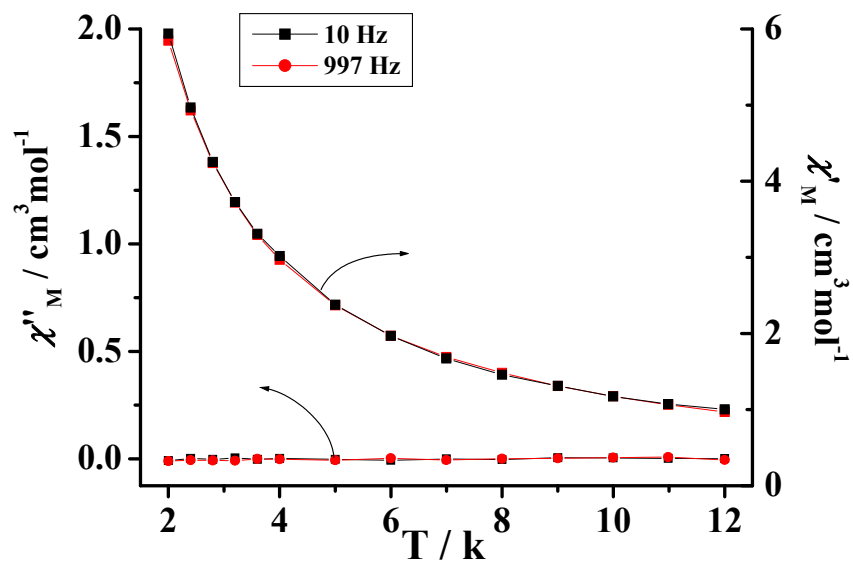


Figure S10. Plot of ac susceptibility shown as χ' vs T and χ'' vs T for **2**.

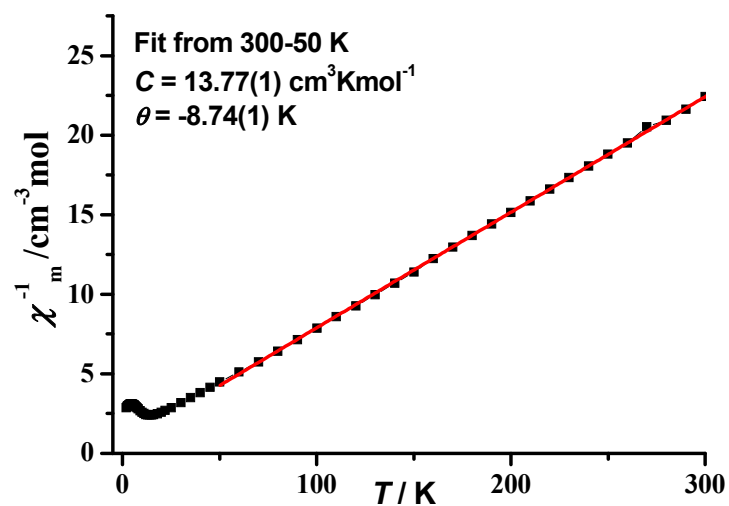


Figure S11. Plot of χ_M^{-1} vs T for **3**. The solid line represents a fit of data in the temperature range 50-300 K.