Electronic Supplementary Material (ESI) for New Journal of Chemistry.

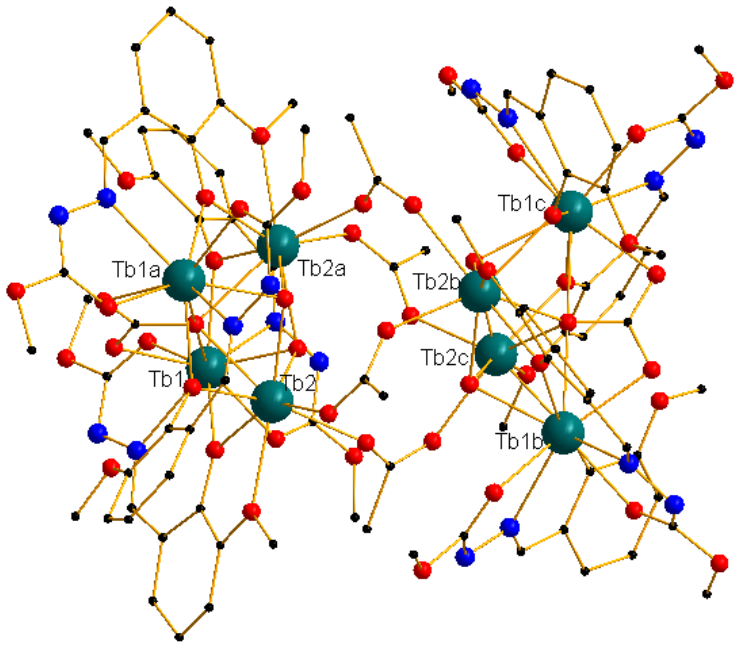

Figure S1. Molecular structures of the compound **2**. The hydrogen atoms and solvent molecules have been omitted for clarity. (symmetry transformations used to generate equivalent atoms: a: -x+1,-y+1,z; b: -y+1,x,-z+1; c: y,-x+1,-z+1.)

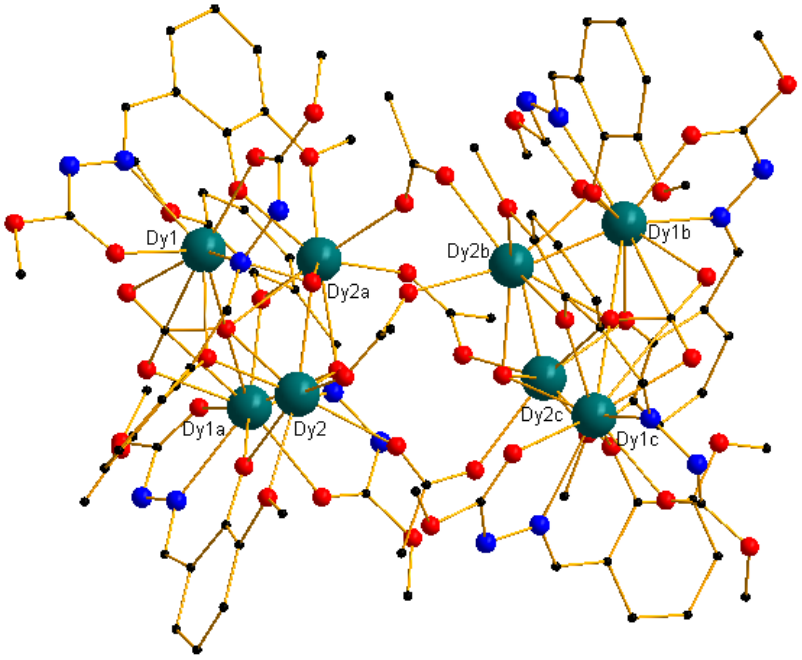

Figure S2. Molecular structures of the compound **3**. The hydrogen atoms and solvent molecules have been omitted for clarity. (symmetry transformations used to generate equivalent atoms: a: -x+1,-y+1,z; b: -y+1,x,-z+1; c: y,-x+1,-z+1.)

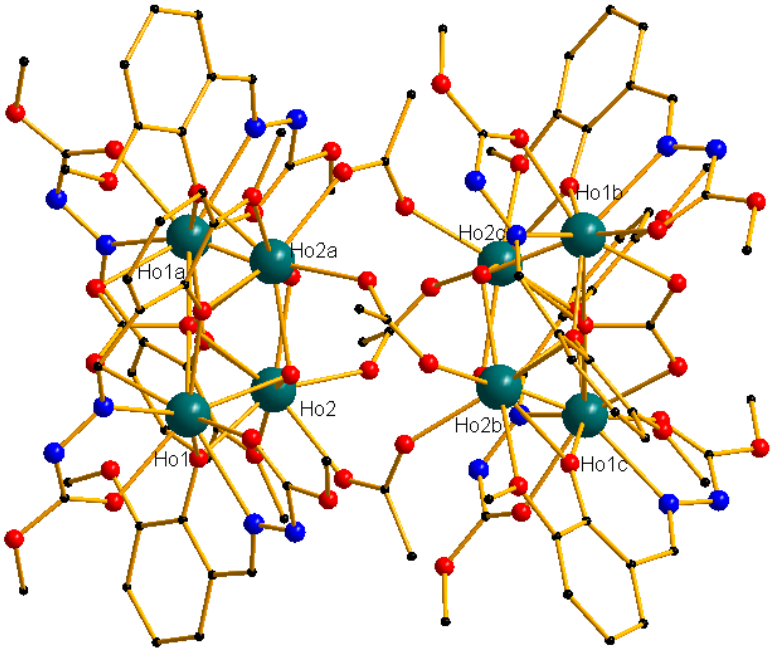

Figure S3. Molecular structures of the compound **4**. The hydrogen atoms and solvent molecules have been omitted for clarity. (symmetry transformations used to generate equivalent atoms: a: -x+2,-y+2,z; b: -y+2,x,-z; c: y,-x+2,-z.)

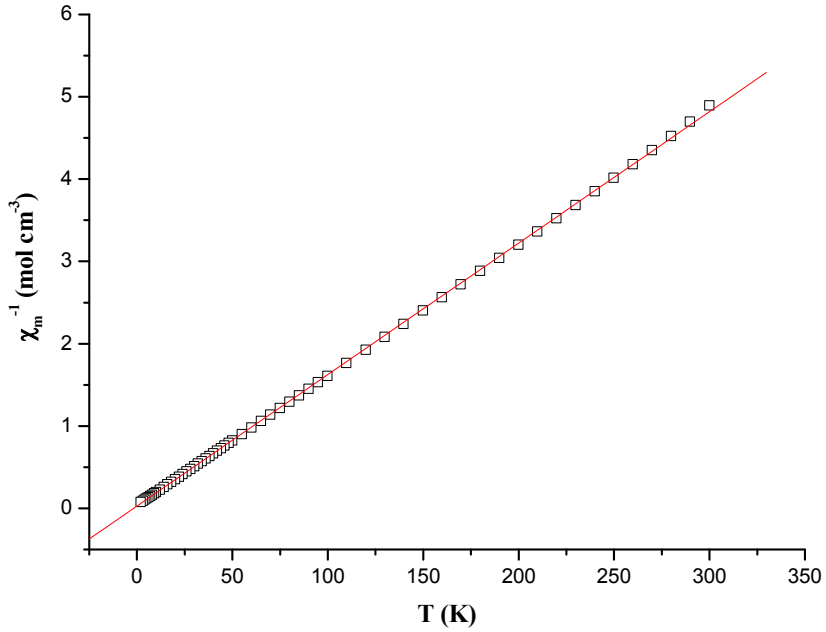

Figure S4. Plots of χ_M^{-1} vs. T for compound **1**. The red solid line stand for the best fitting.

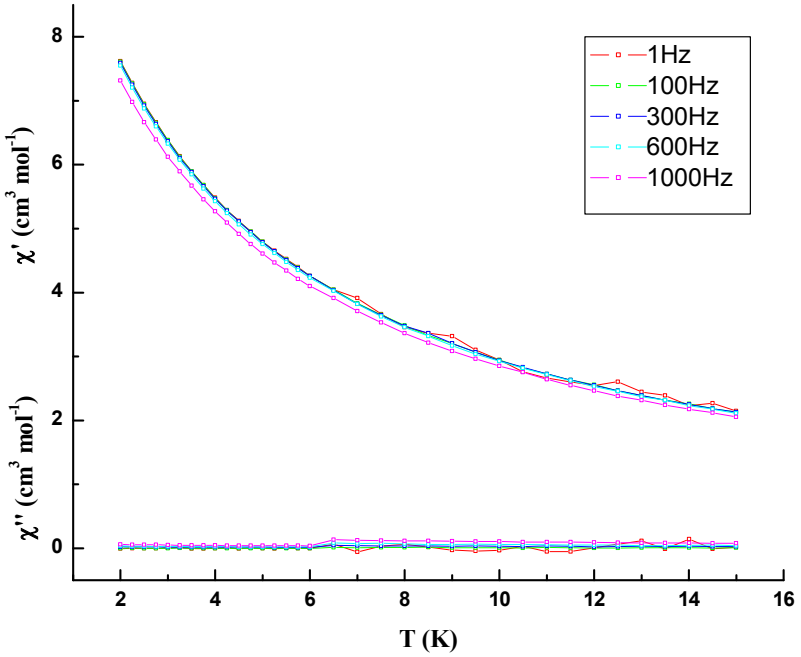

Figure S5. Temperature dependence of the in-phase (upper) and out-of-phase (lower) ac susceptibilities of compound **2** under a zero dc field with an oscillating field of 2 Oe in the frequency range 1-1000 Hz.

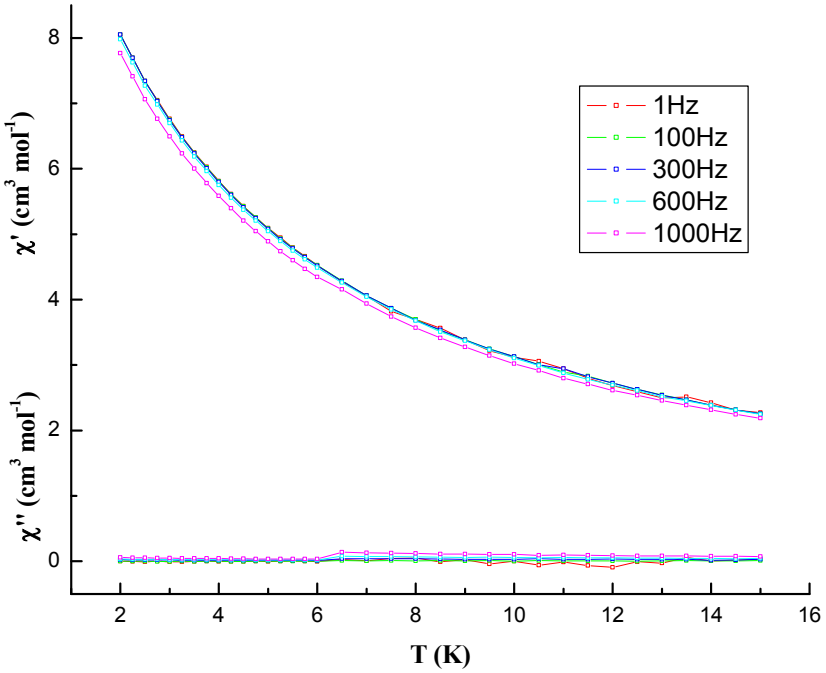

Figure S6. Temperature dependence of the in-phase (upper) and out-of-phase (lower) ac susceptibilities of compound **4** under a zero dc field with an oscillating field of 2 Oe in the frequency range 1-1000 Hz.

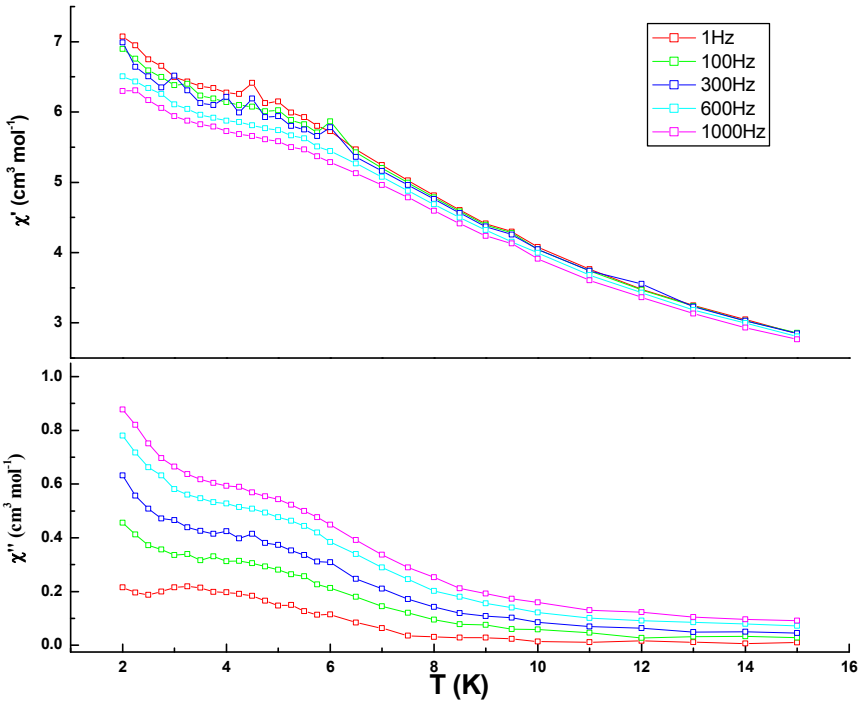

Figure S7. Temperature dependence of the in-phase (top) and out-of-phase (bottom) ac susceptibility for **3** under a 3.5 kOe dc field.

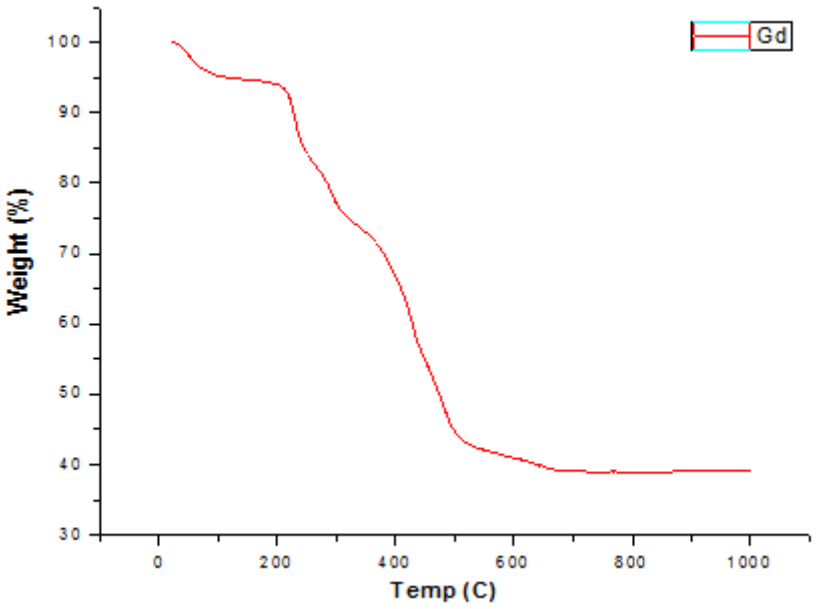

Figure S8. Thermogravimetric (TG) analysis diagrams of **1**.

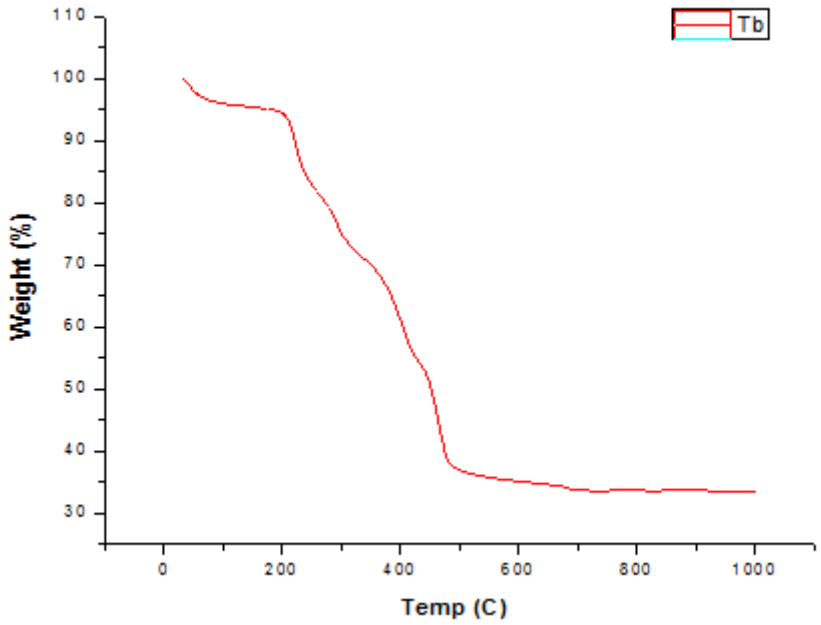

Figure S9. Thermogravimetric (TG) analysis diagrams of **2**.

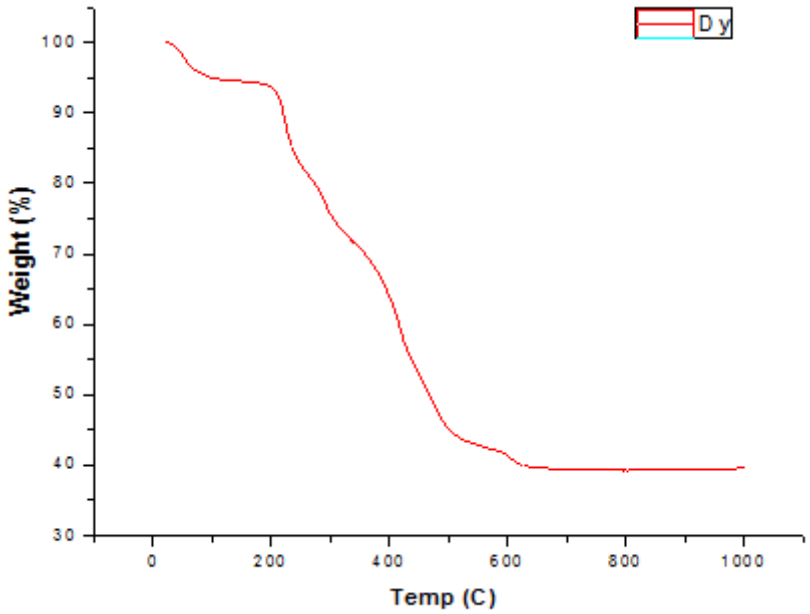

Figure S10. Thermogravimetric (TG) analysis diagrams of **3**.

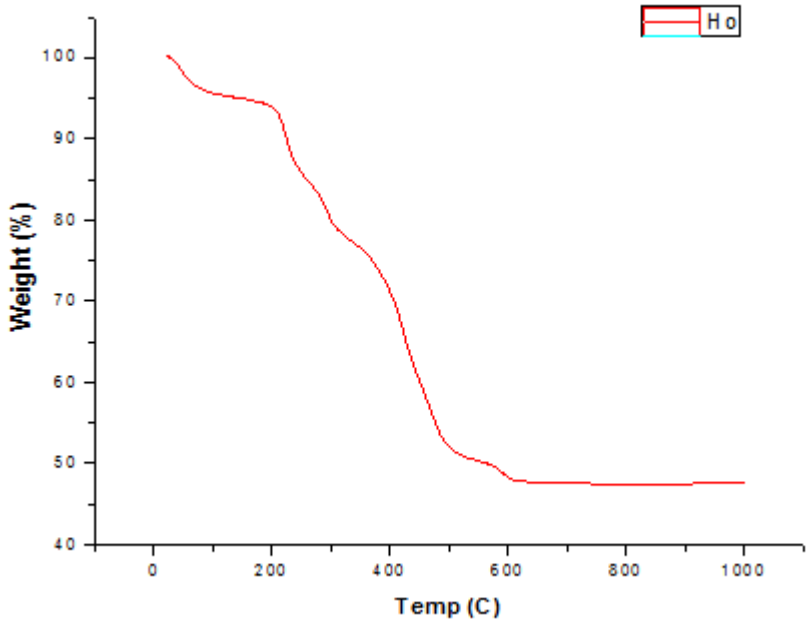

Figure S11. Thermogravimetric (TG) analysis diagrams of **4**.

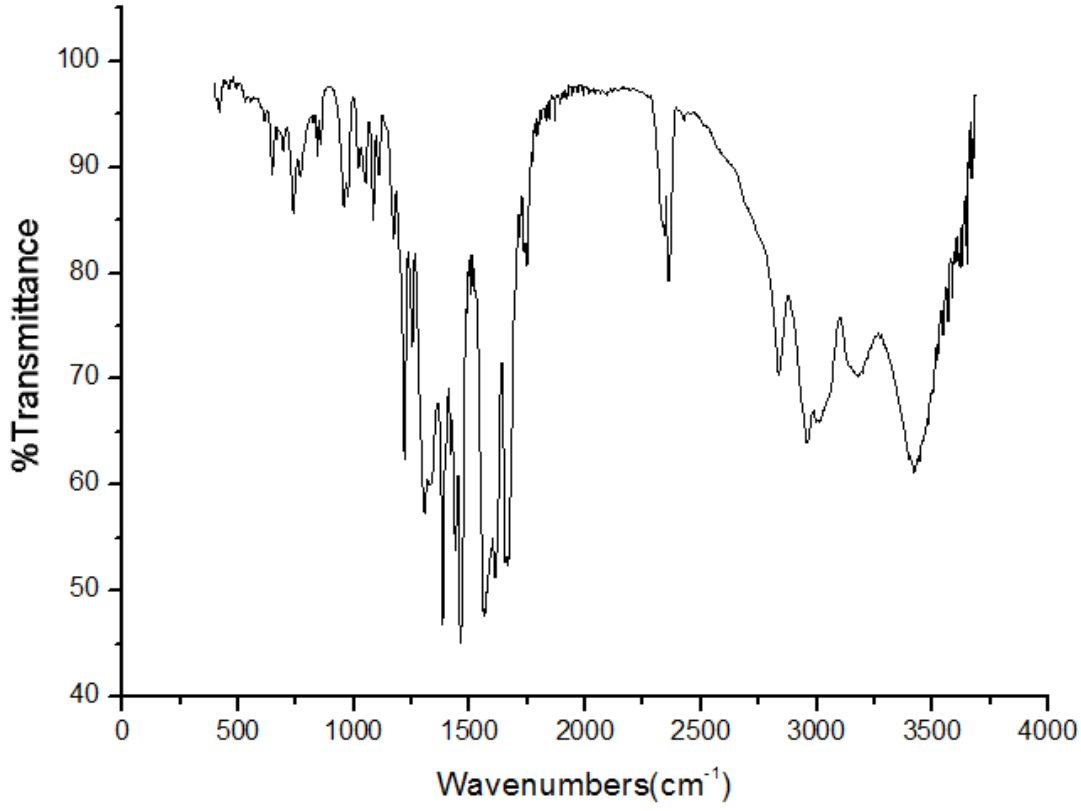

Figure S12. IR analysis diagrams of **1.**

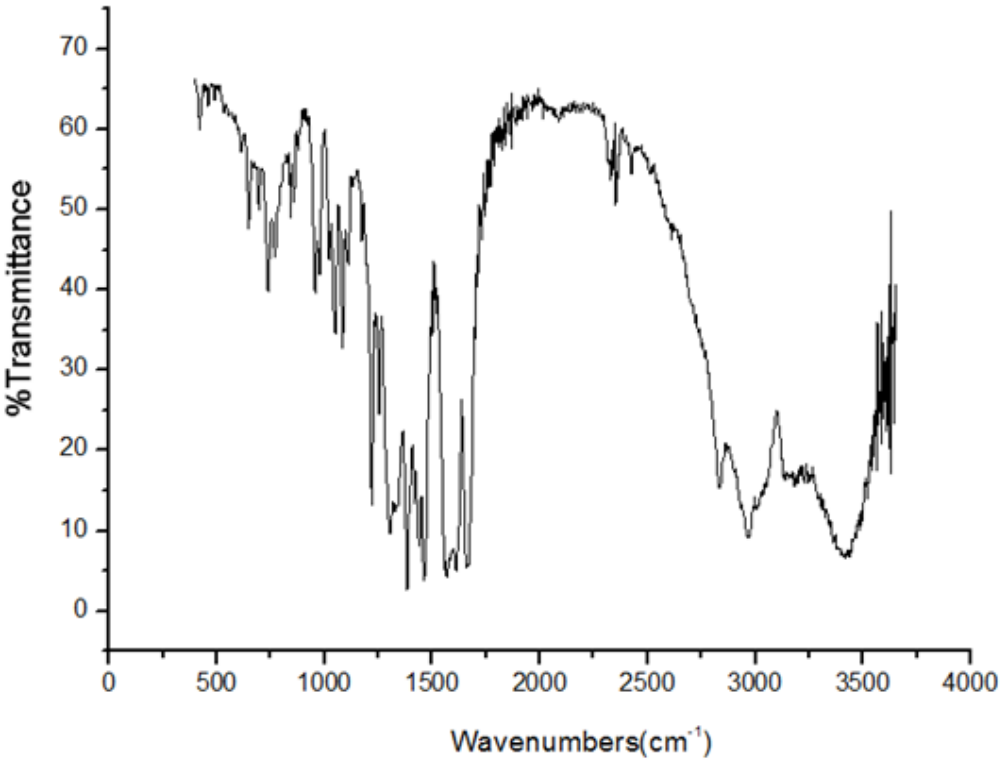

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Figure S13. IR analysis diagrams of **2.**

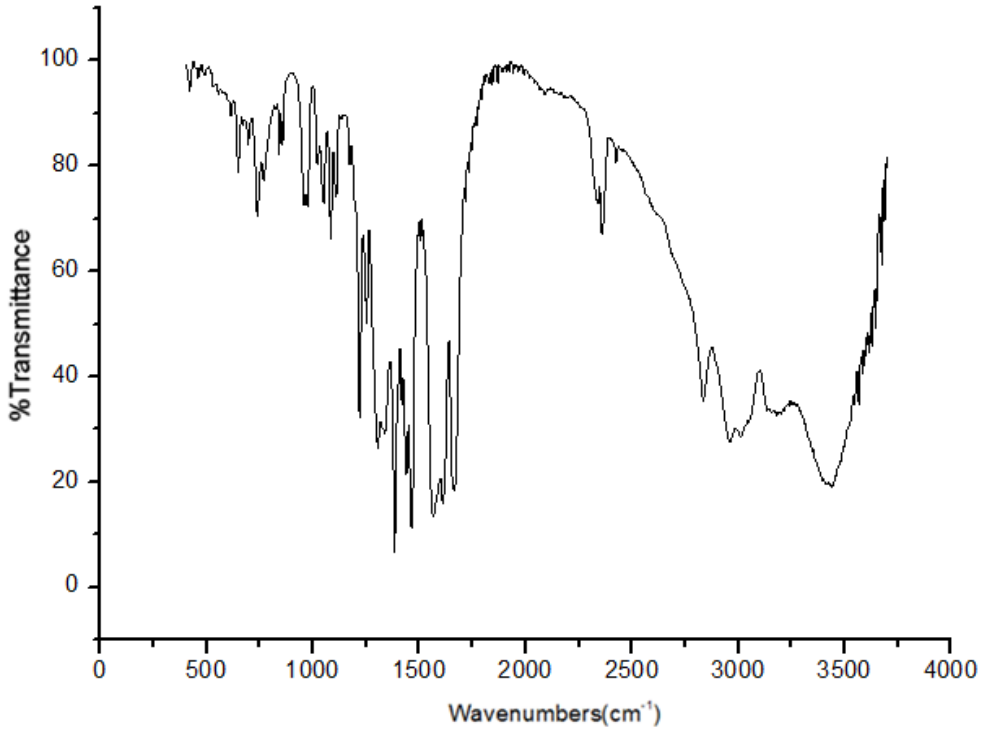

Figure S14. IR analysis diagrams of **3**.

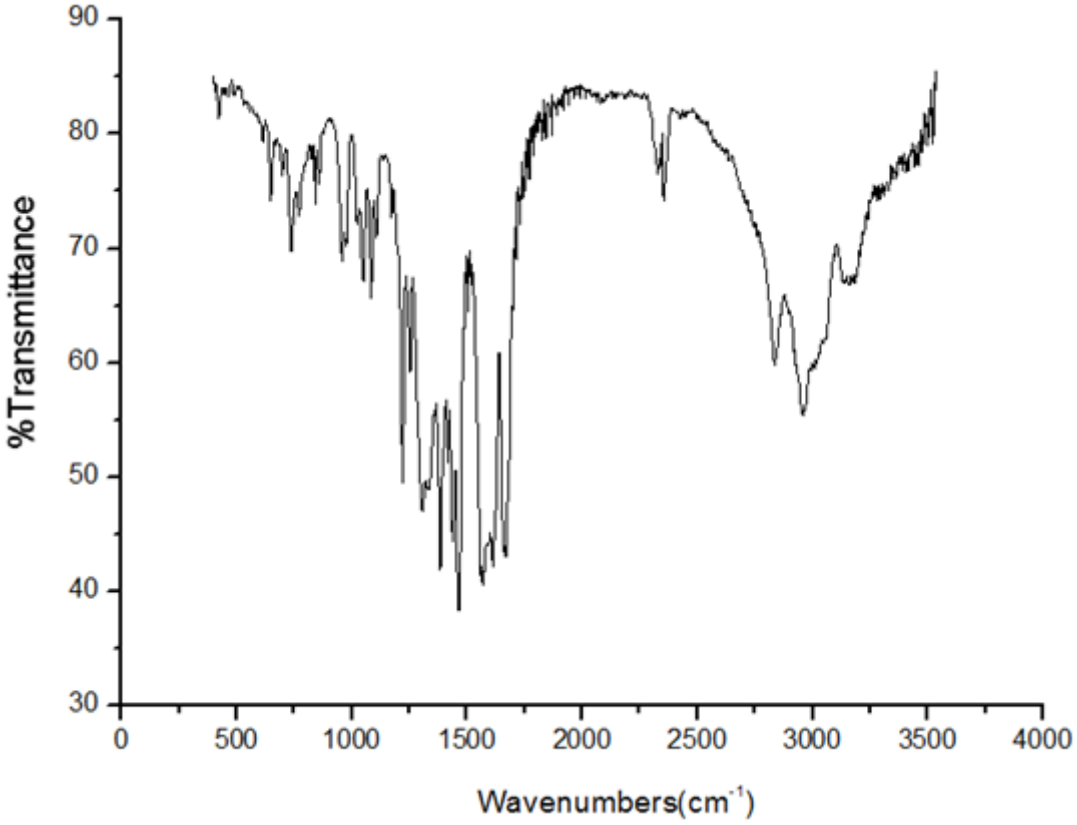

Figure S15. IR analysis diagrams of **4**.

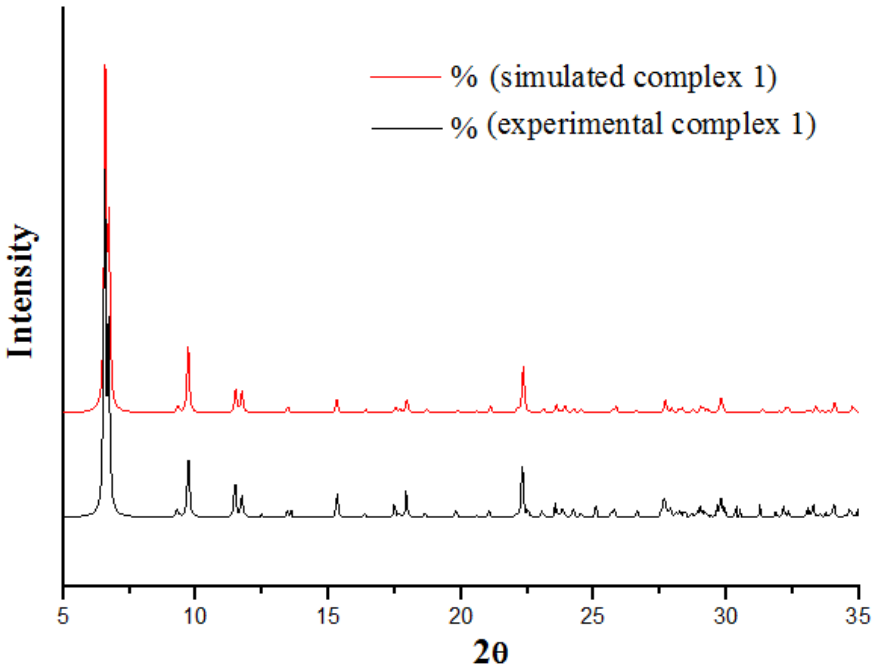

Figure S16. XRD analysis diagrams of **1**.

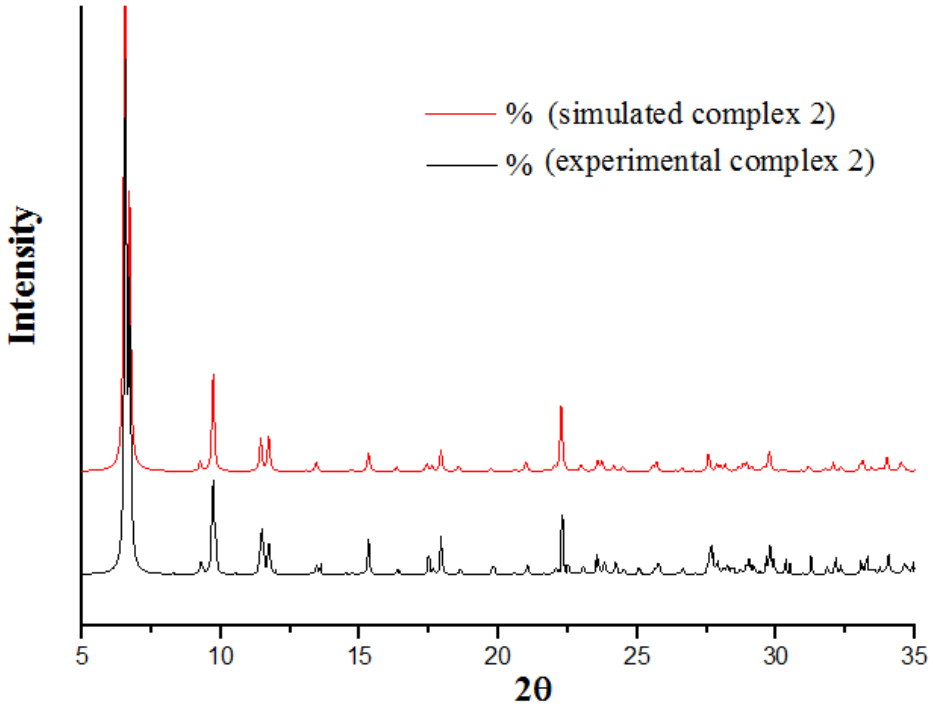

Figure S17 . XRD analysis diagrams of **2**.

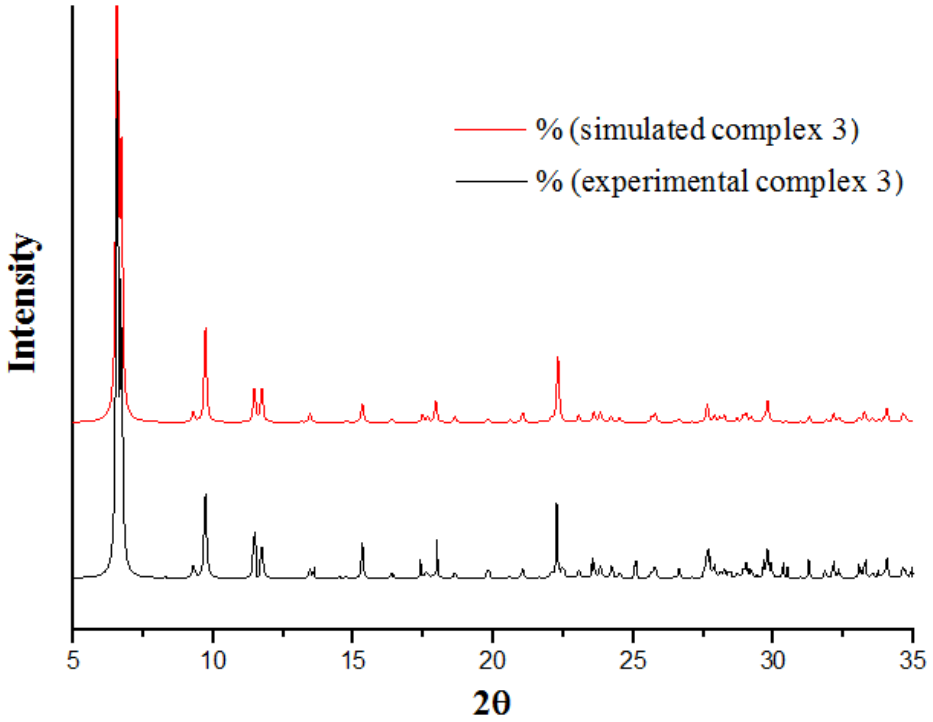

Figure S18 . XRD analysis diagrams of **3**.

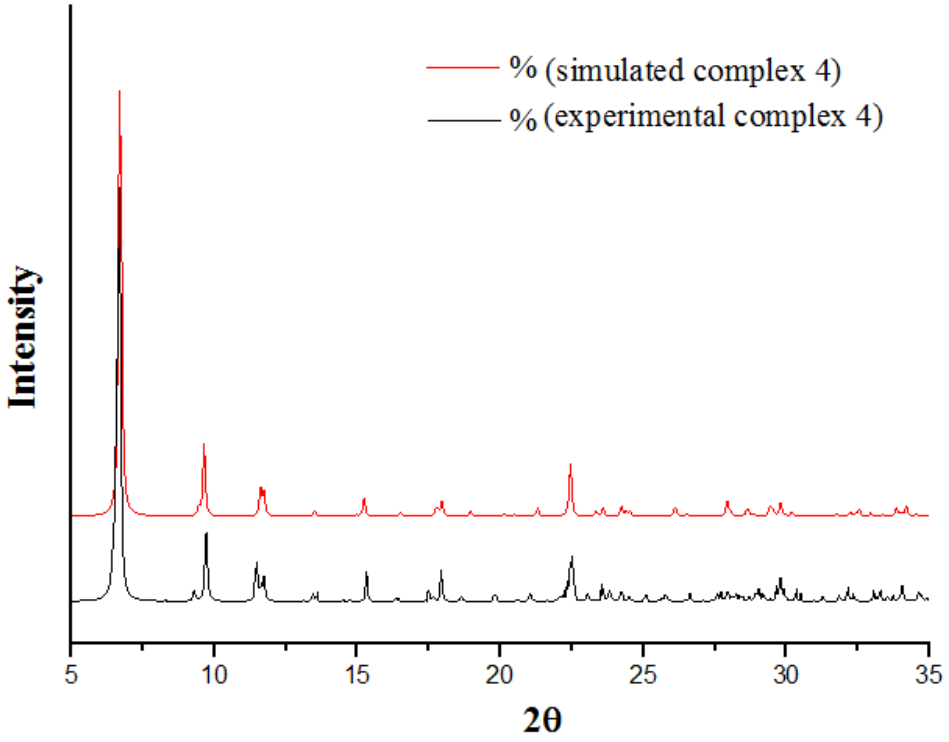

Figure S19 . XRD analysis diagrams of **4**.