

Supporting Information

**Coordination polymers of flexible poly-carboxylic acids with metal ions.
V. Polymeric frameworks of 5-(3,5-dicarboxybenzyloxy)-3-pyridine
carboxylic acid with Cd(II), Cu(II), Co(II), Mn(II) and Ni(II) ions;
synthesis, structure, and magnetic properties.**

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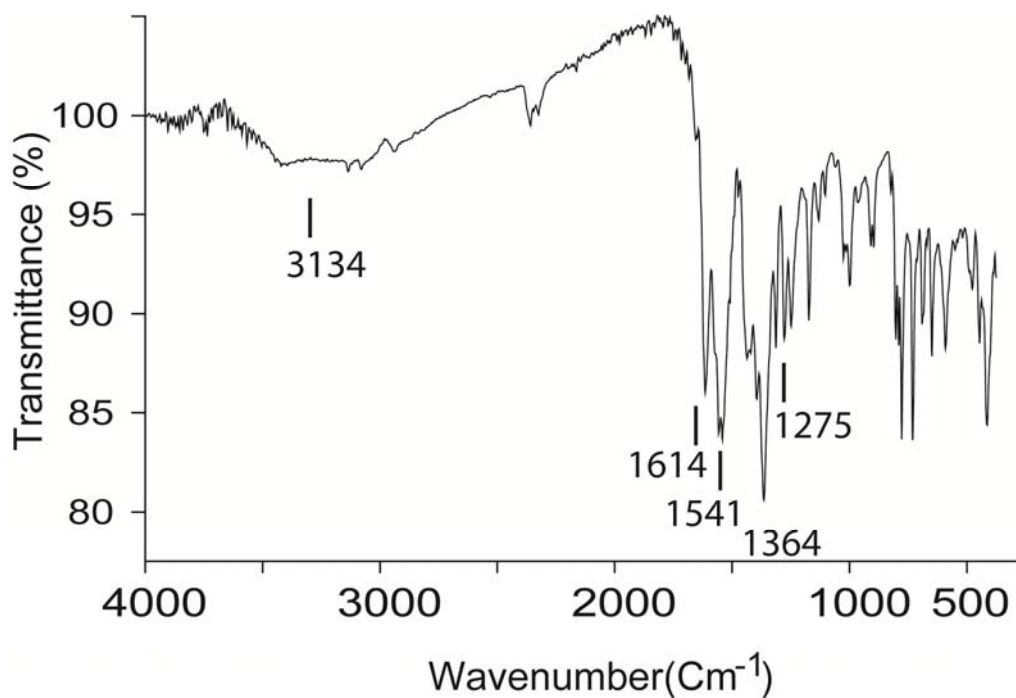


Figure S1: IR Spectra of Compound 1

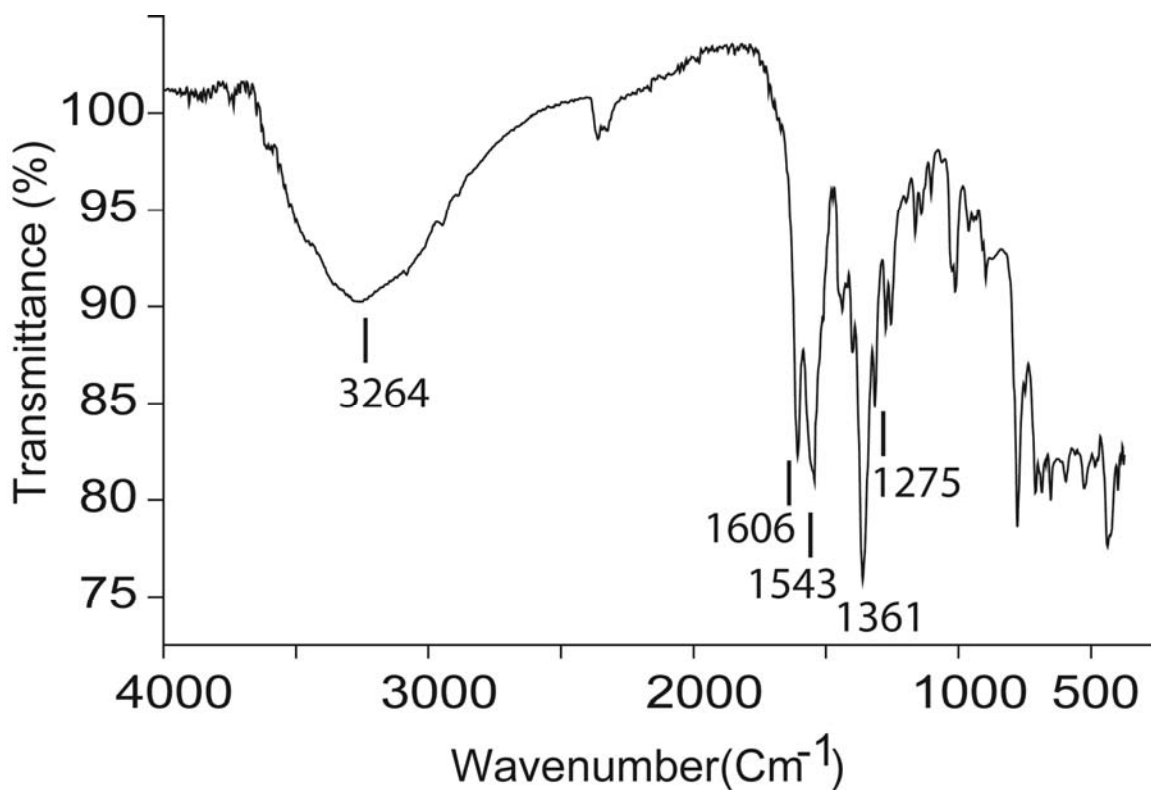


Figure S3: IR Spectra of Compound 2

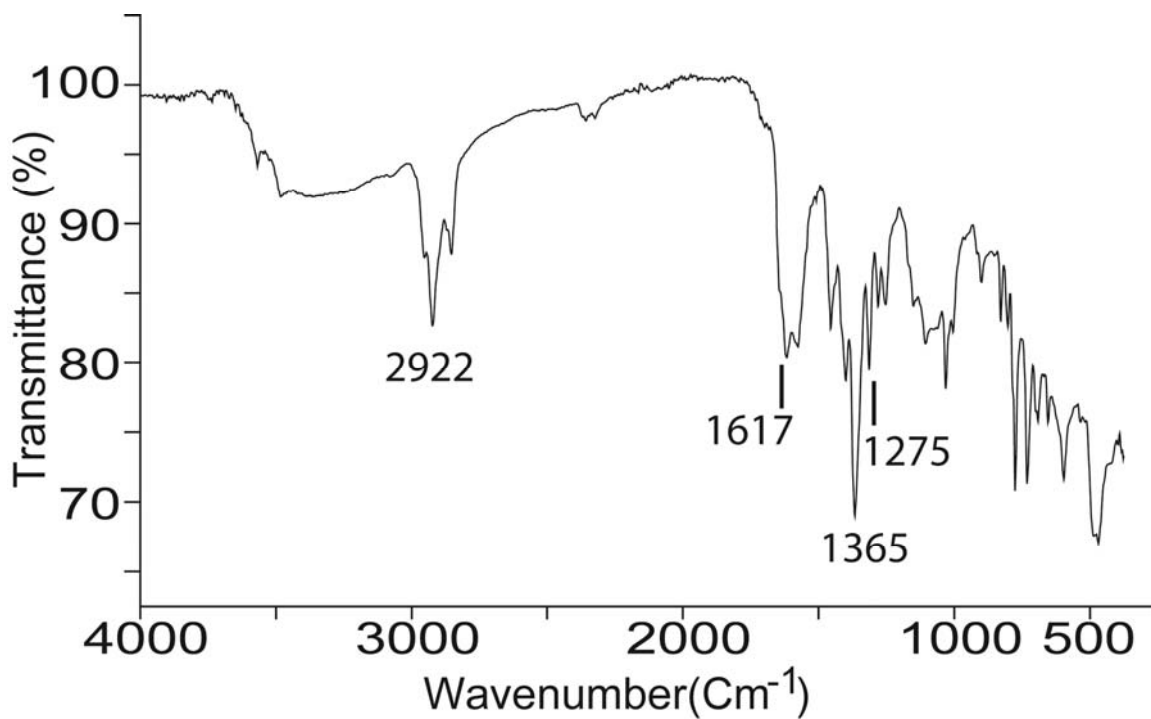


Figure S4: IR Spectra of Compound 3

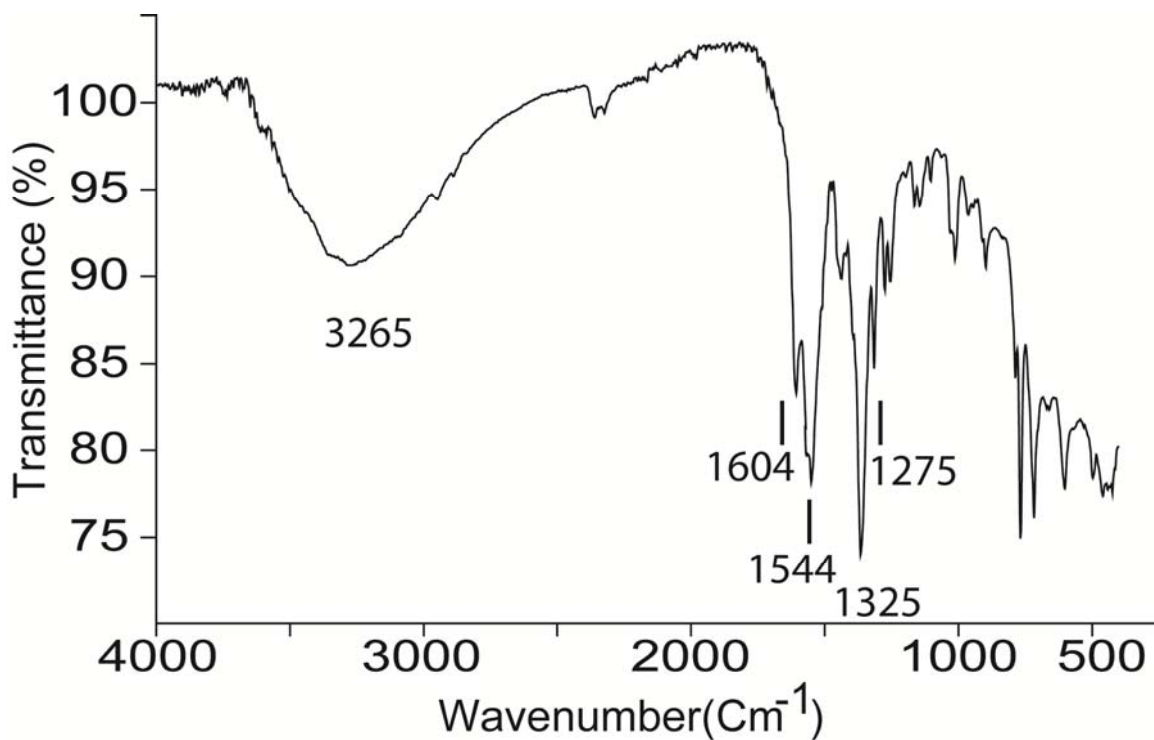


Figure S4: IR Spectra of Compound 4

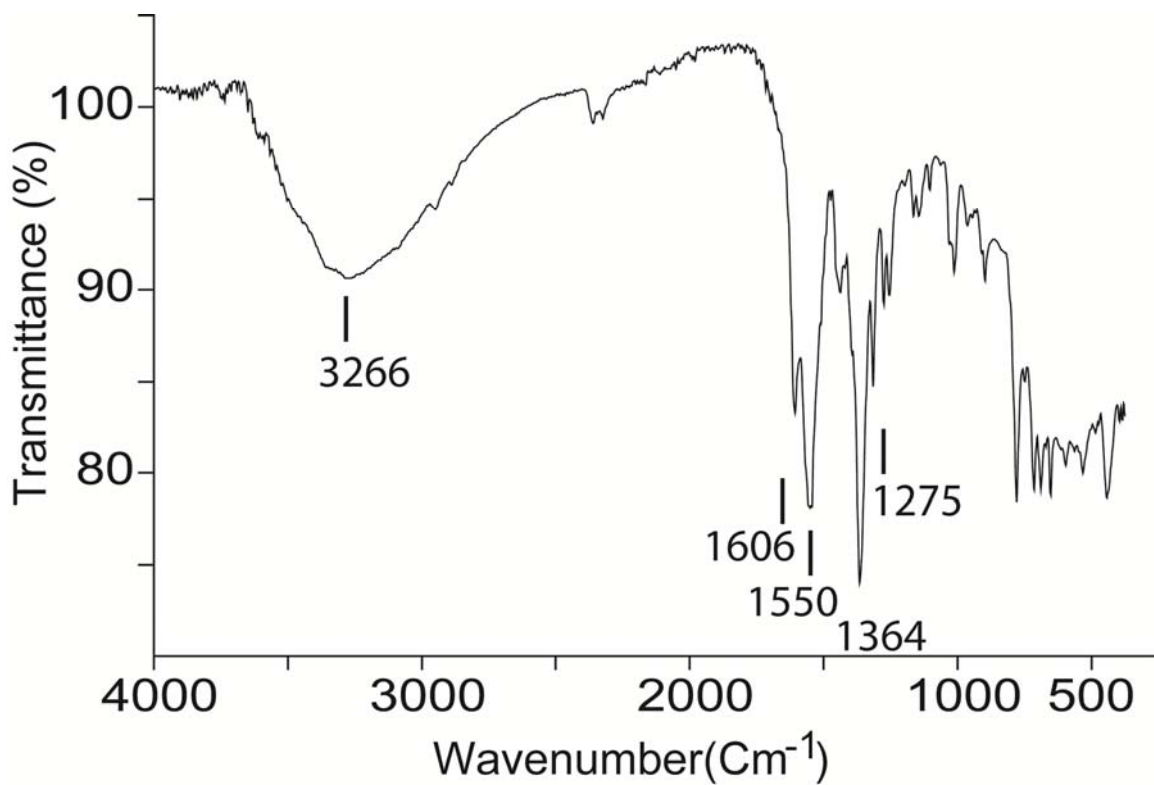


Figure S5: IR Spectra of Compound 5

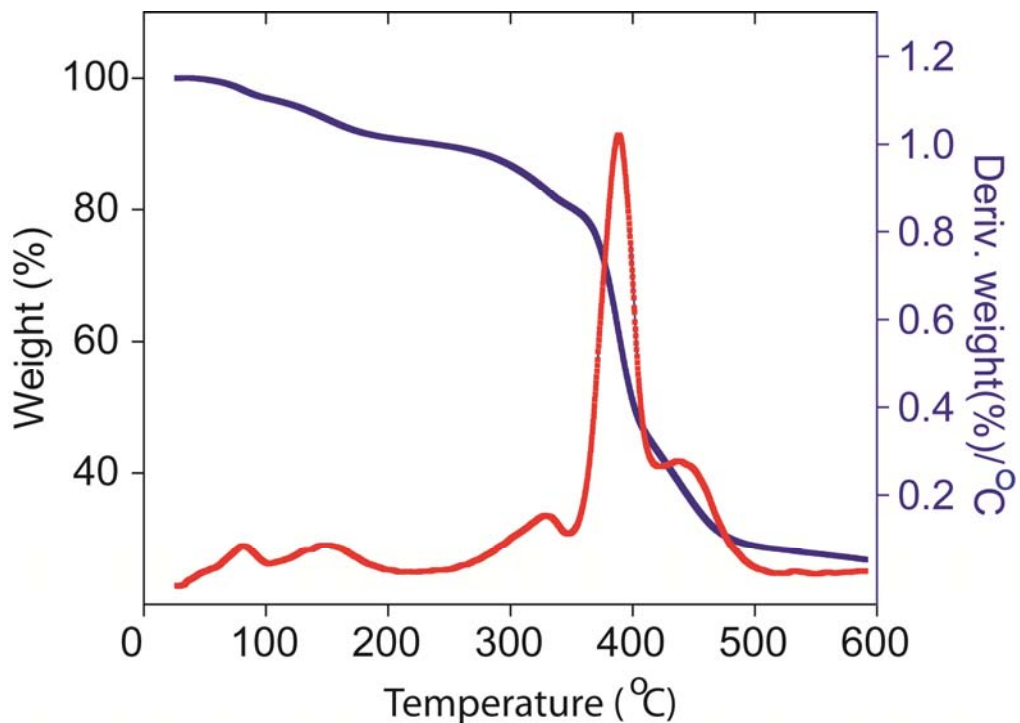


Figure S6: TGA-DTA analysis of compound **1**

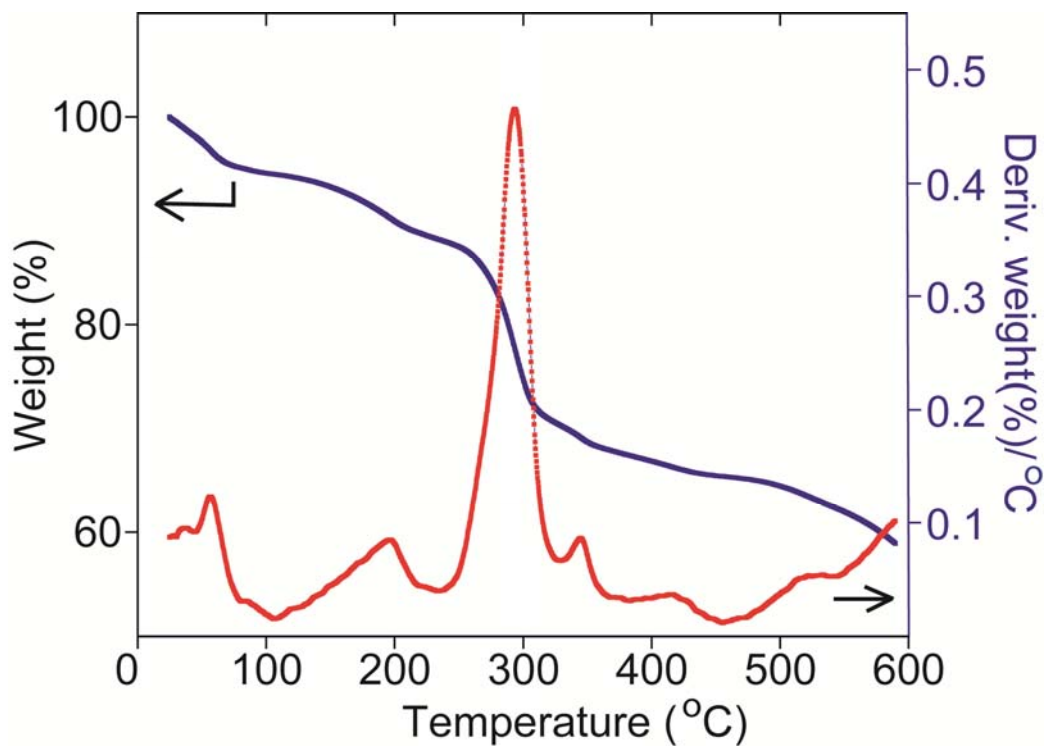


Figure S7: TGA-DTA analysis of compound **2**

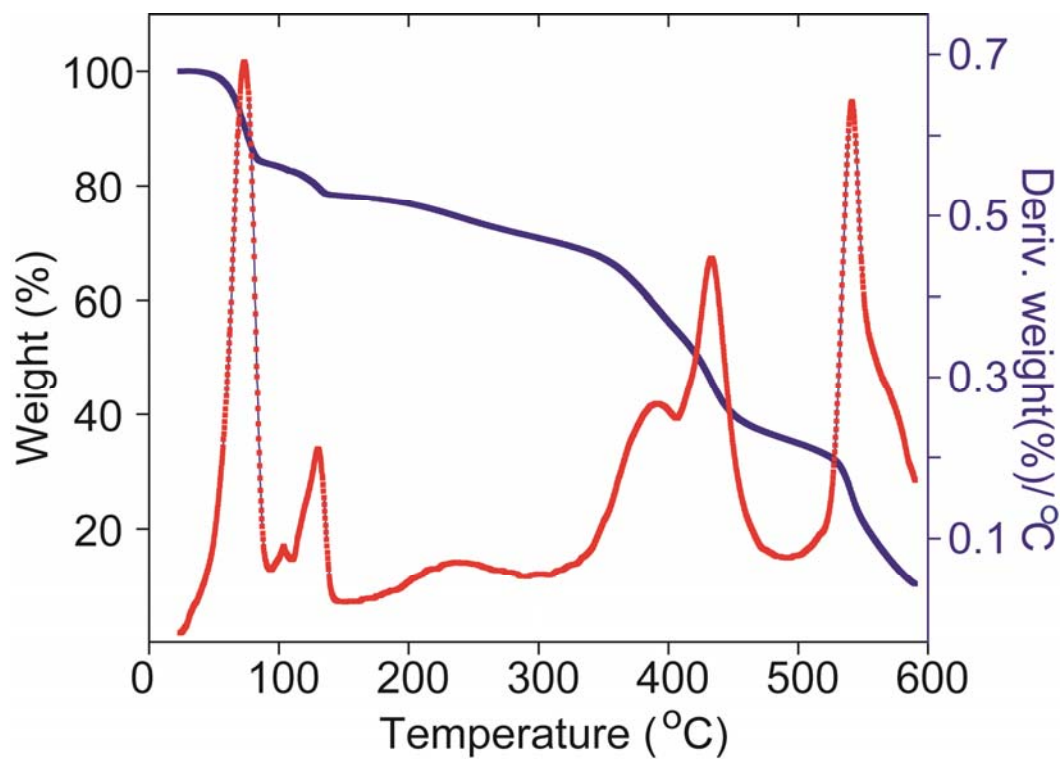


Figure S8: TGA-DTA analysis of compound **3**

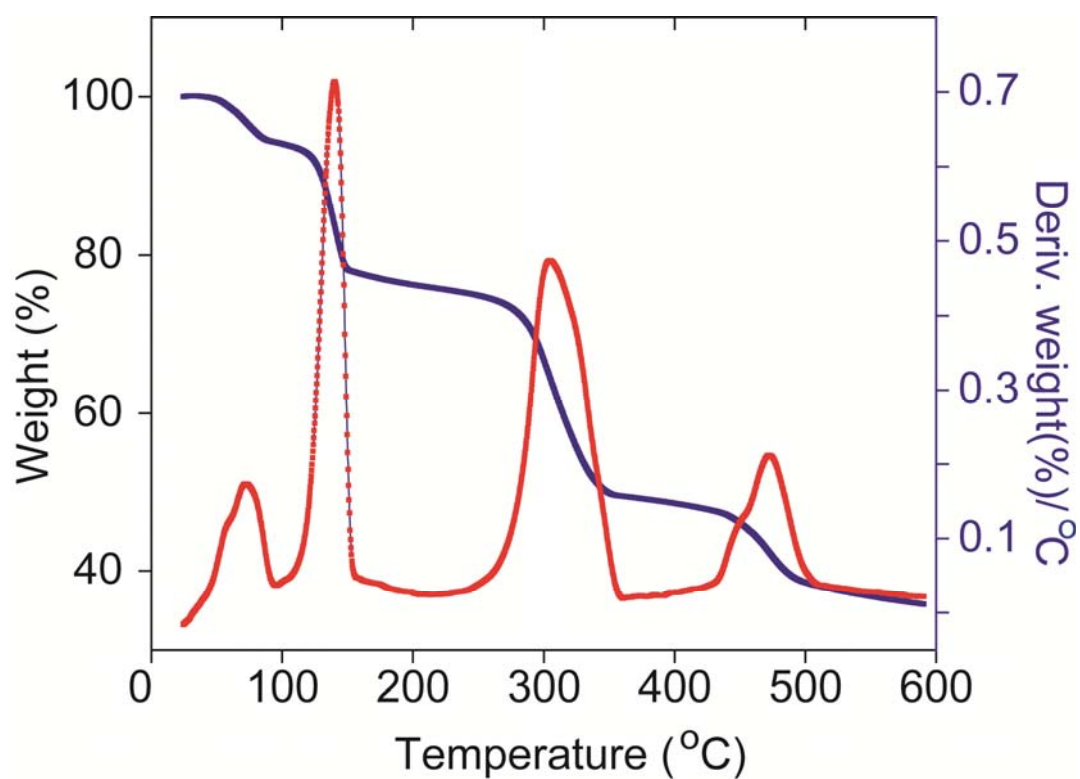


Figure S9: TGA-DTA analysis of compound **4**

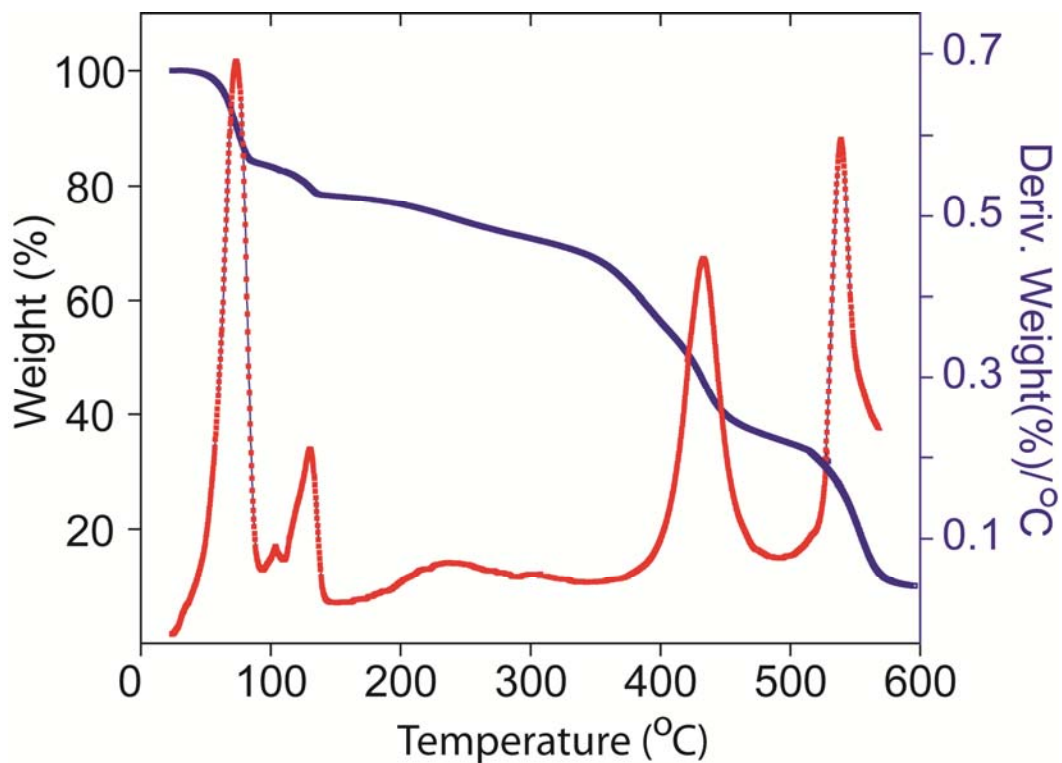


Figure S10: TGA-DTA analysis of compound **4**

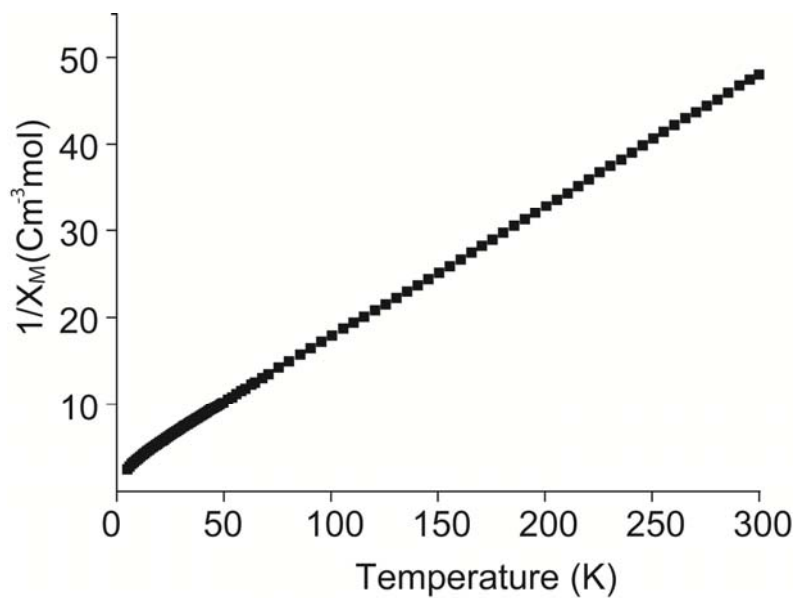


Figure S11: $1/X_M$ Vs T for compound **3**