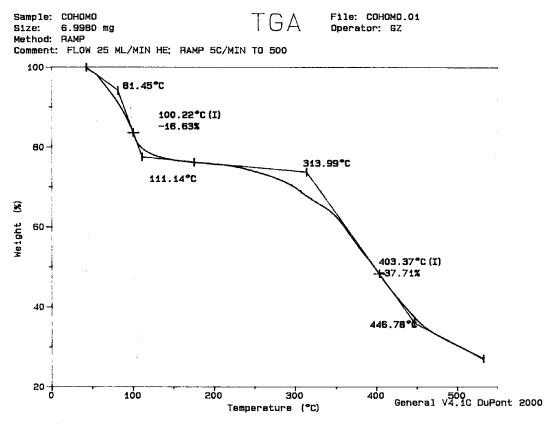
## Supporting Information for

## Novel Sandwich Coordination Polymers Composed of Cobalt (II), 1,2,4,5-Benzenetetracarboxylato Ligands and Homopiperazonium Cations

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**Figure S1.** Thermal gravimetric analysis (TGA) of  $(H_4hpz)[Co_3(BTEC)_2(H_2O)_{12}]\cdot 11H_2O$  (1).

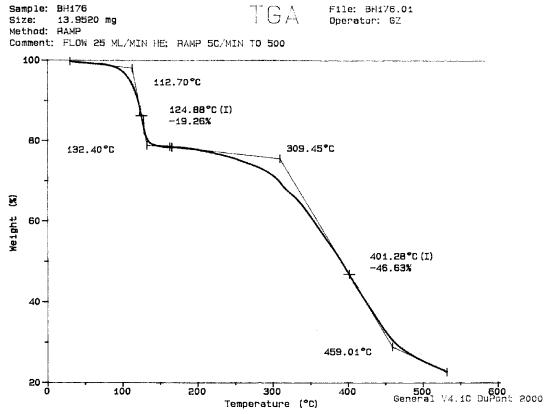
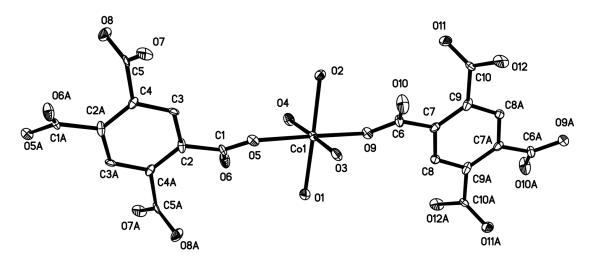
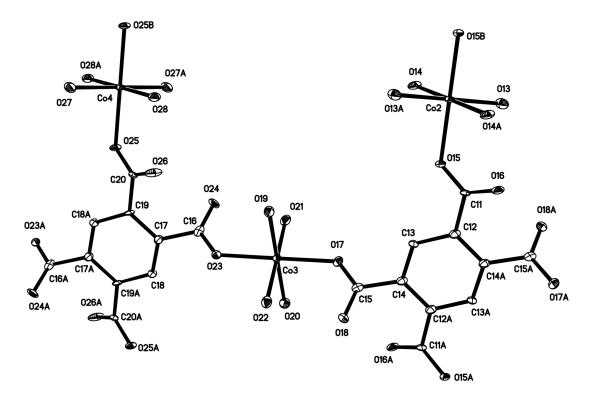


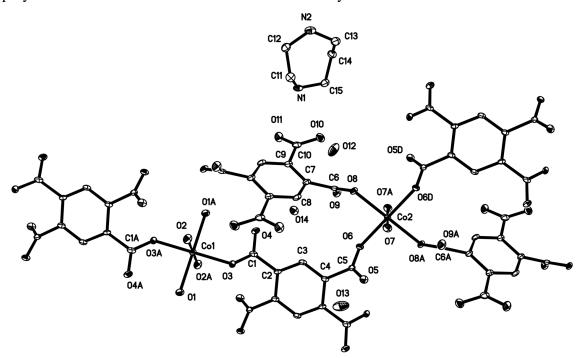
Figure S2. Thermal gravimetric analysis of (H<sub>4</sub>hpz)[Co(BTEC)(H<sub>2</sub>O)<sub>3</sub>]·3H<sub>2</sub>O (2).



**Figure S3.** Molecular structure represented as 50% thermal ellipsoids of a portion of the polymeric 1D chains of **1**. H atoms omitted for clarity.



**Figure S4.** Molecular structure represented as 50% thermal ellipsoids of a portion of the polymeric 2D sheets of 1. H atoms omitted for clarity.



**Figure S8.** Molecular structure represented as 50% thermal ellipsoids of a portion of the polymeric 2D sheets of **2**. H atoms omitted for clarity.