



STRUCTURAL  
CHEMISTRY

**Volume 74 (2018)**

**Supporting information for article:**

**Two novel alkaline earth coordination polymers constructed from cinnamic acid and 1,10-phenanthroline: synthesis and structural and thermal properties**

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Fig. S1. A schematic of the (1,2,5) connected net with a point symbol of  $\{0\}\{4^2\}\{4\}_2$ .

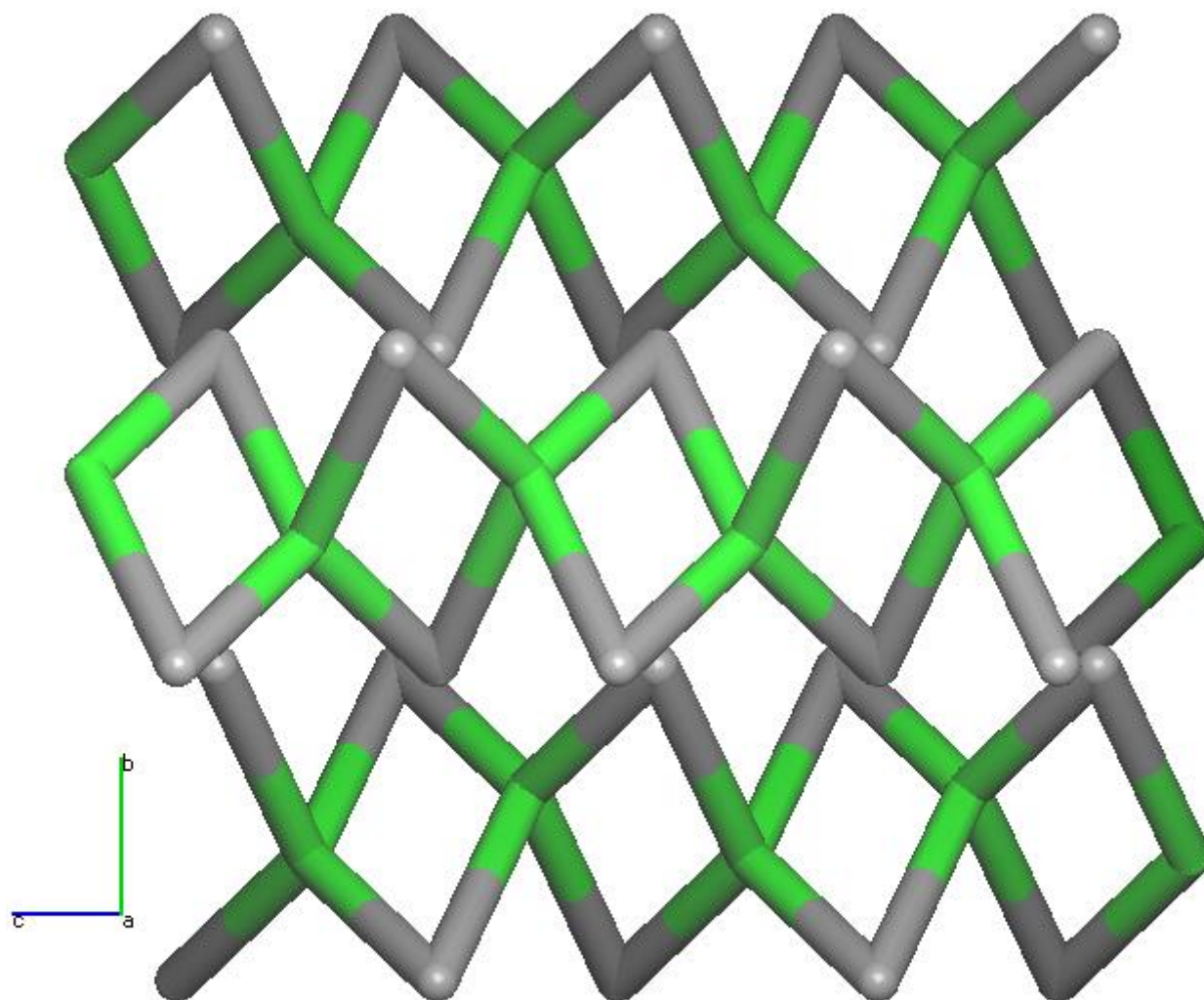


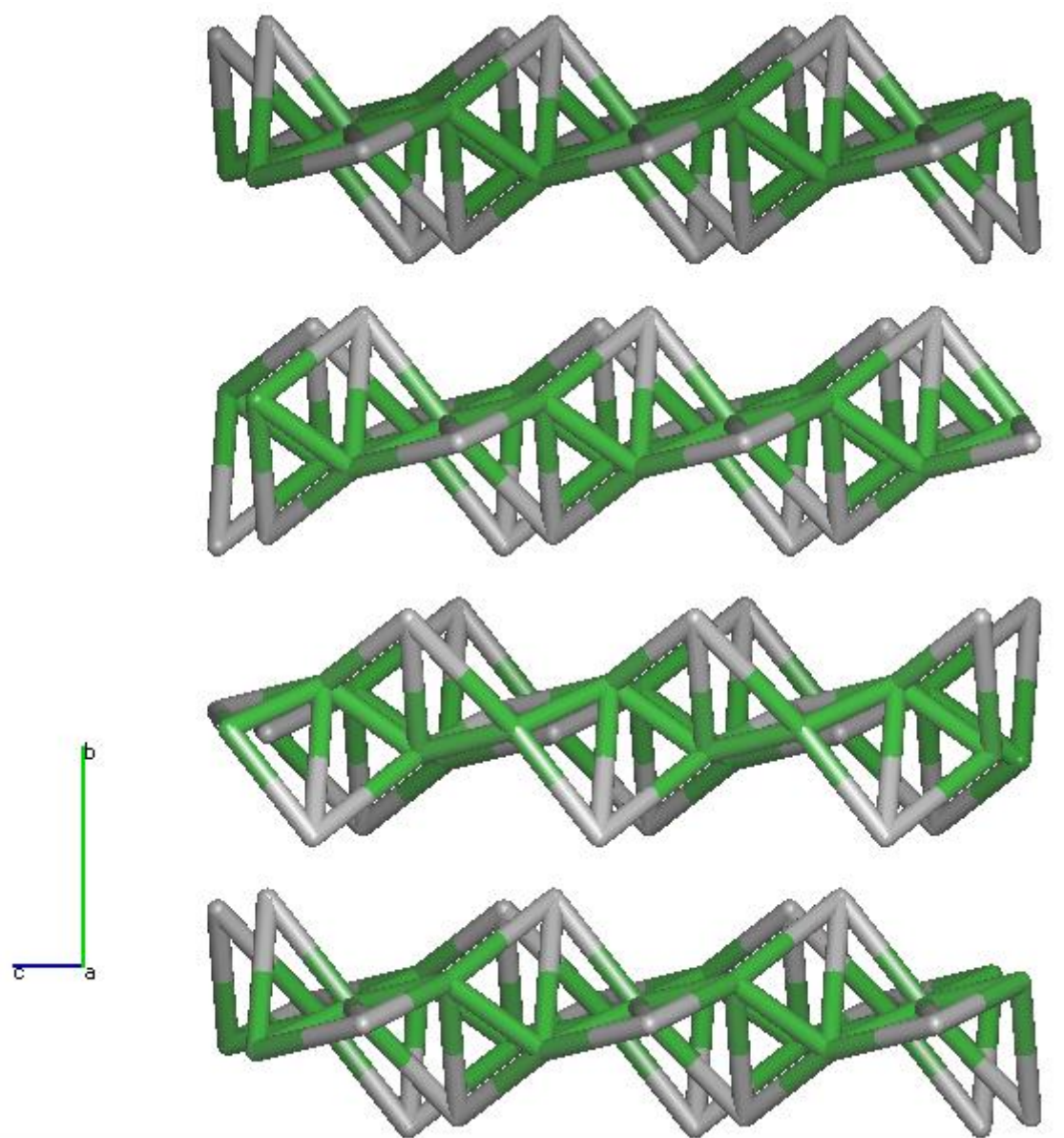
Fig. S2. A schematic of the (2,3,5)-connected net with a point symbol of  $\{4^2.6\}\{4^6.6^4\}\{4\}$ .

Fig. S3. The IR spectra of complexes (1) and (2), and free Nacin and phen.

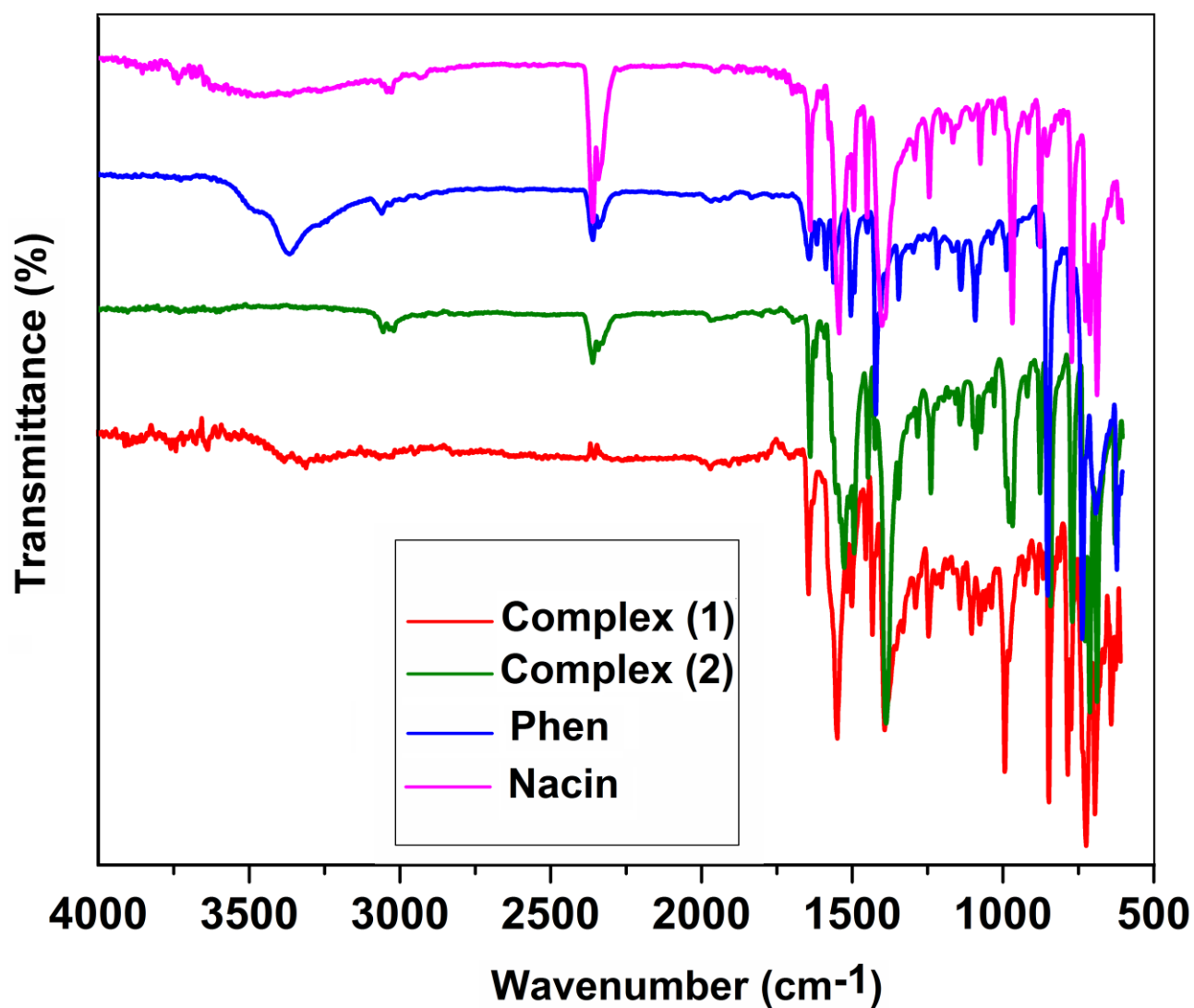


Fig. S4. The thermogravimetric (TG) curves of complexes (1) and (2).

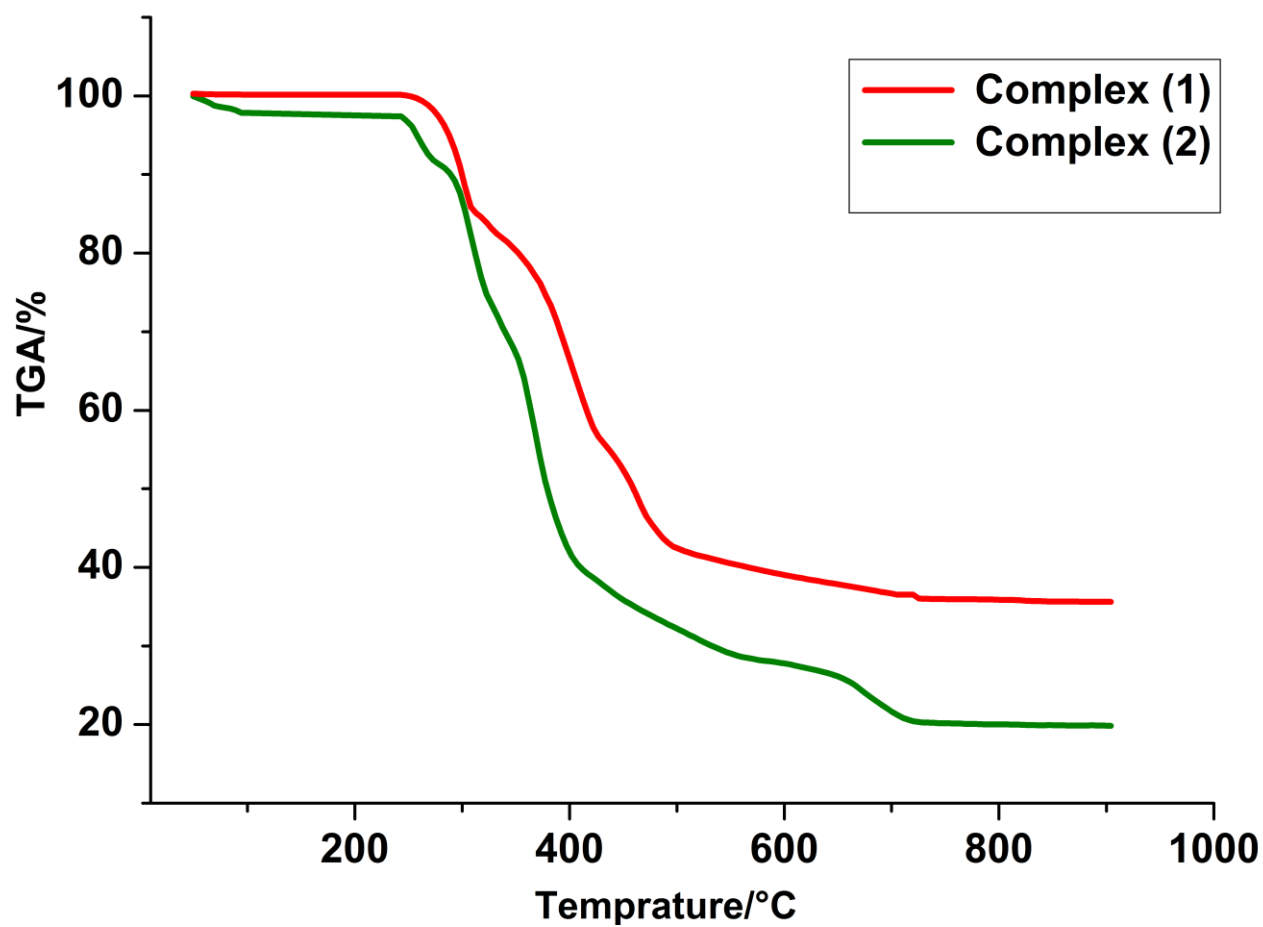


Fig. S5. Powder X-ray diffraction profiles of (1) and (2), together with the corresponding patterns derived from the single-crystal data.

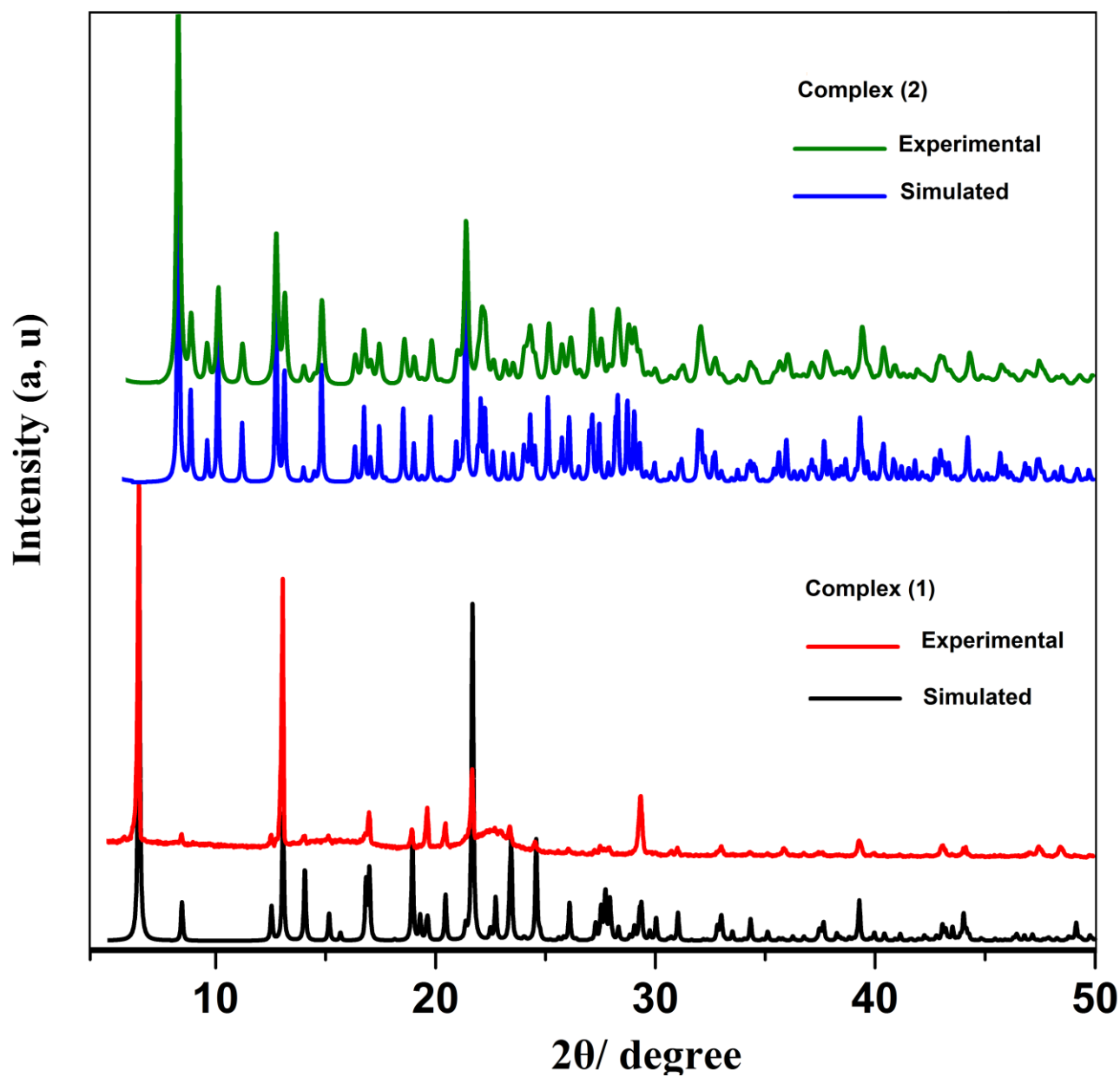


Fig. S6. The UV-Vis spectra of phen, Hcin, complex (1) and complex (2).

