## **Supporting Information**

## for

## **Copper 5-Sulfoisophthalato Quasi-planar Squares in Coordination Polymers**

## Modulated by Alkaline-earth Metals: A Way to Molecular Squares?

Rong Cao\*<sup>,†</sup>, Jian Lü<sup>†,‡</sup>, Stuart R. Batten\* <sup>§</sup>

<sup>†</sup>State Key Laboratory of Structural Chemistry, Fujian Institute of Research on the

Structure of Matter, Chinese Academy of Sciences, Fujian, Fuzhou, 350002, P. R.

China; <sup>‡</sup>Graduate School, Chinese Academy of Sciences, Beijing, 100039, P. R. China;

<sup>§</sup>School of Chemistry, Monash University 3800, Australia

Fig. S1 Topological representation of the 3,6-connected 2-D net of complex 2a.

Fig. S2 Topological representation of the 3,6-connected 2-D net of complex 2b.

Fig. S3 A view of the hydrogen-bonded network of (a) 2a and (b) 2b, showing the

hydrogen bonds in the interlamellar regions.

Fig. S4 TG plots of complexes 2a and 2b.

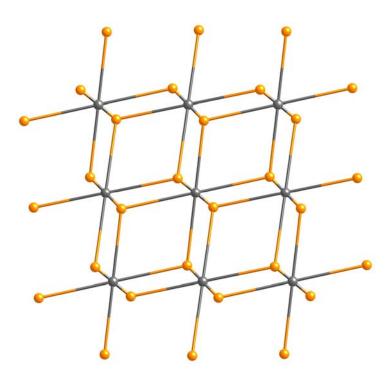


Fig. S1

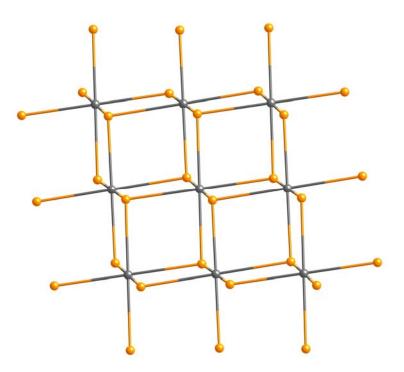
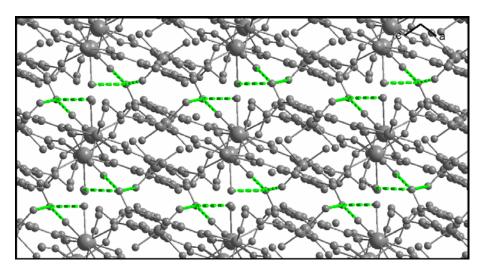
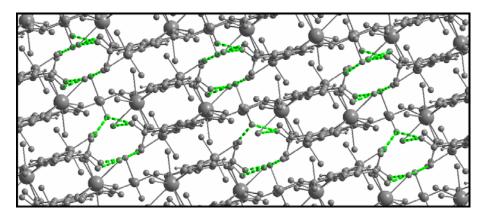


Fig. S2



**(a)** 



**(b)** 

Fig. S3

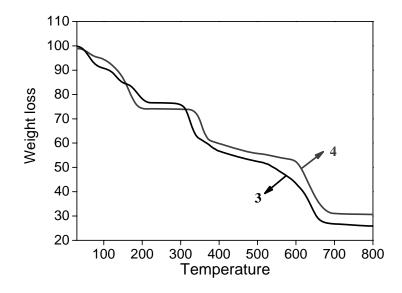


Fig. S4