Electronic Supplementary Information for Dalton Transactions


# Supporting Information

## Syntheses and Structures of Two Chiral Zincophosphite Compounds $[Zn(C_8H_8N_2)(HPO_3)]$ and $(C_6H_{13}N_2)$ $[Zn_3(C_6H_{12}N_2)(HPO_3)_3(H_2PO_3)]$

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**Fig. 1** IR spectra for compound **1(a)** and **2(b)**.

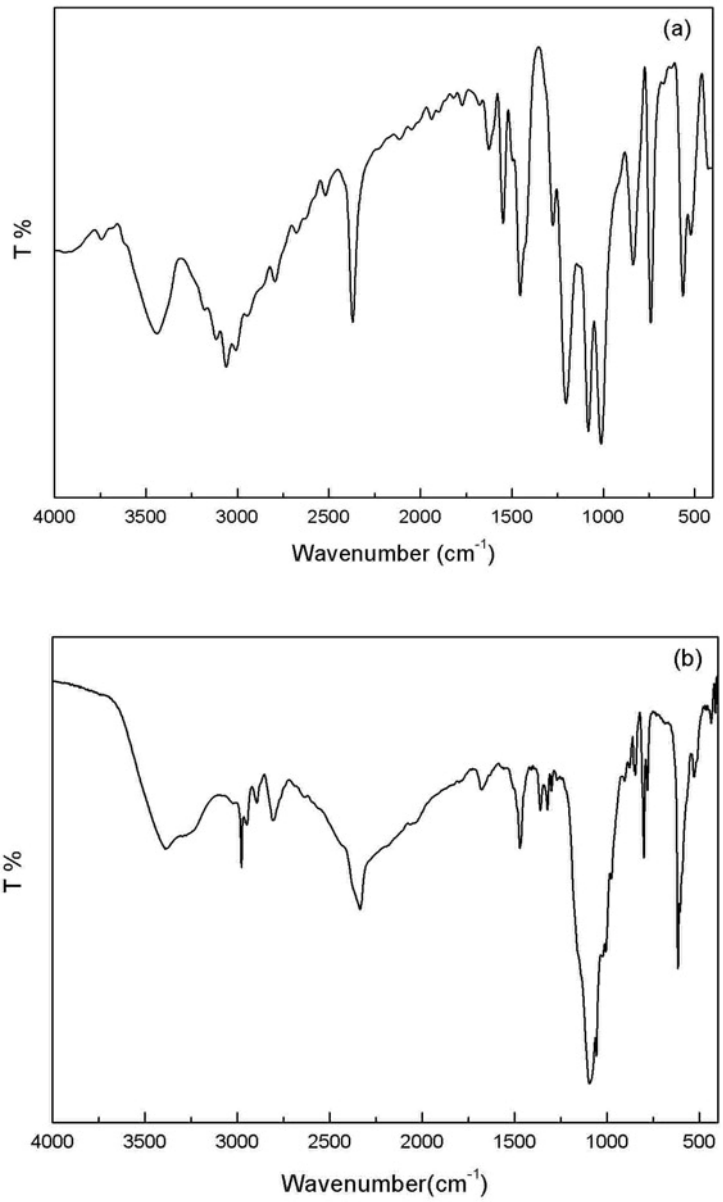


**Fig. 2** TG curves for compound **1(a)** and **2(b)**.

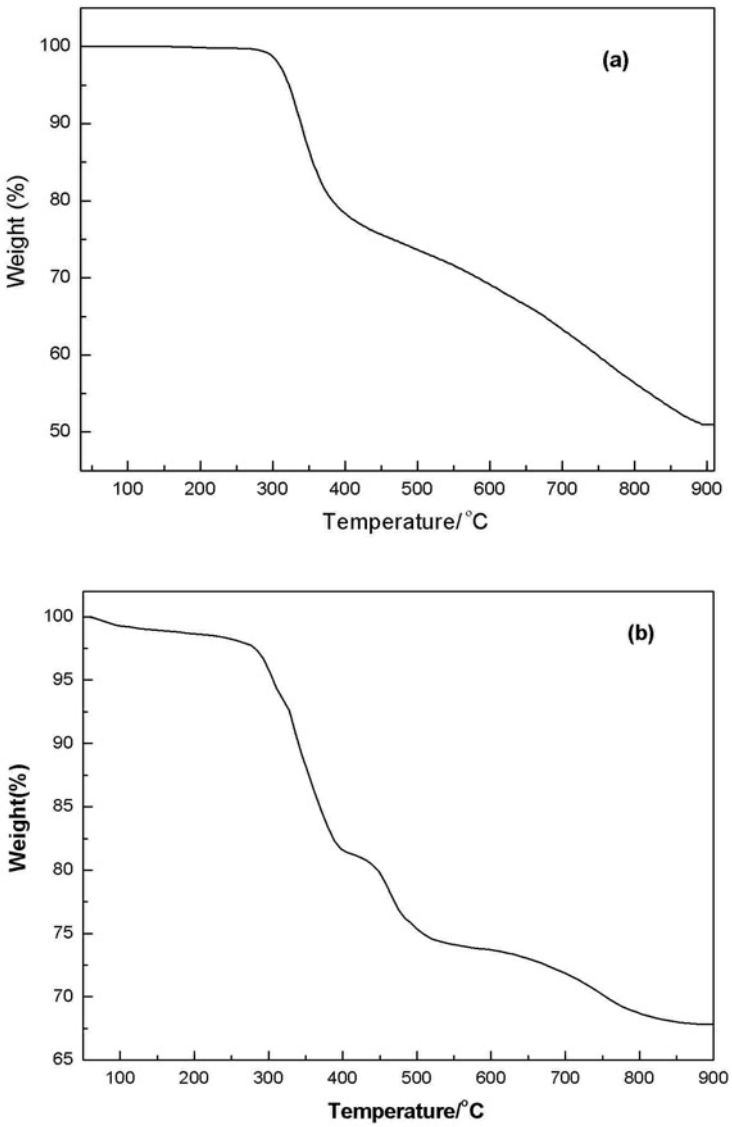
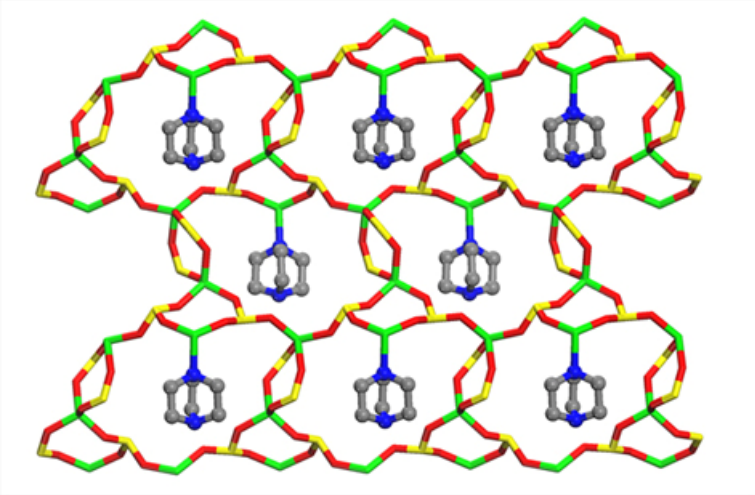
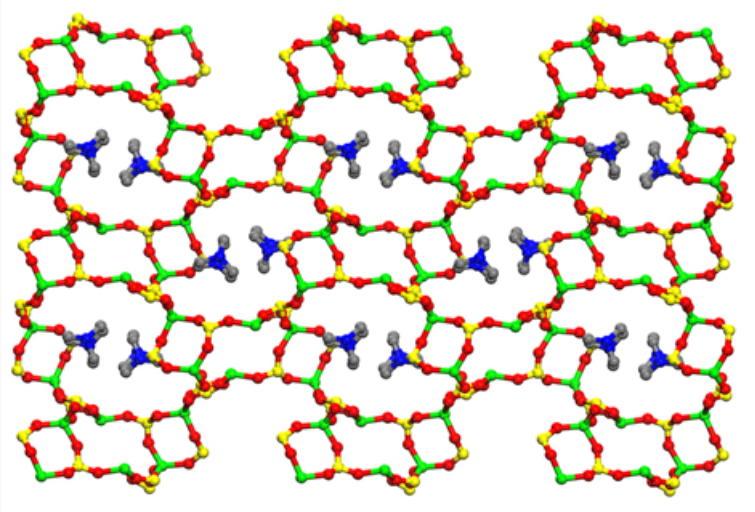


**Fig. 3** In compound **2, (a)** bonded DABCO molecule extending from Zn(3) atoms occupies the 12-ring window, **(b)** free monoprotonated DABCO molecule resides in the 16-ring channel and compensates the charge of framework. (All the H atoms are omitted for clarity).



(a)



(b)

**Fig. 4** The 3D framework structure of **2** viewed along the *b* axis. (All the H atoms are omitted for clarity).