

Supplemental Material for

Five New Zinc Phosphite Structures: Tertiary Building Blocks in the Construction of Hybrid Materials

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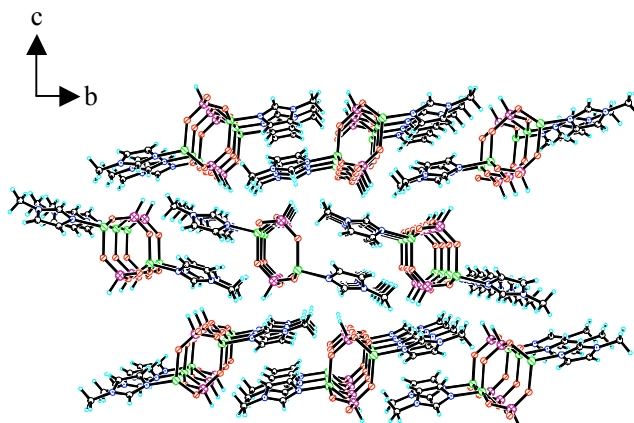


Figure S1. Cr

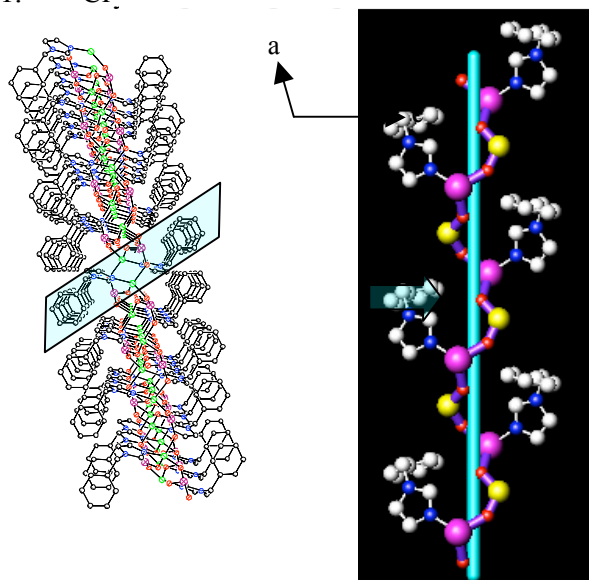


Figure S2. Side view of the 2D structure in **2** with the helical motif highlighted within blue square (left) and the helix (right, P: yellow, Zn: pink, O: red, N: blue and C: white).

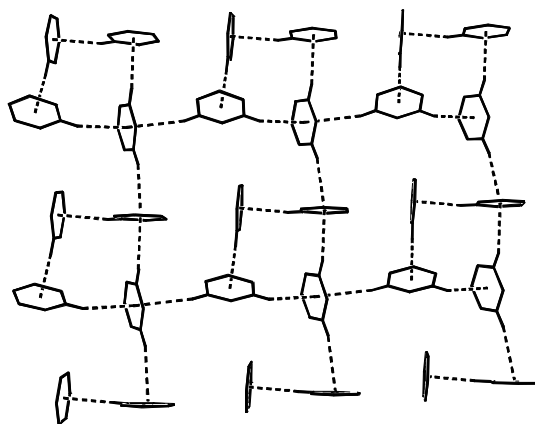


Figure S3. View of the arrangement of benzene rings in compound **2** along [001] direction with C-H \cdots π interaction indicated by dashed lines.

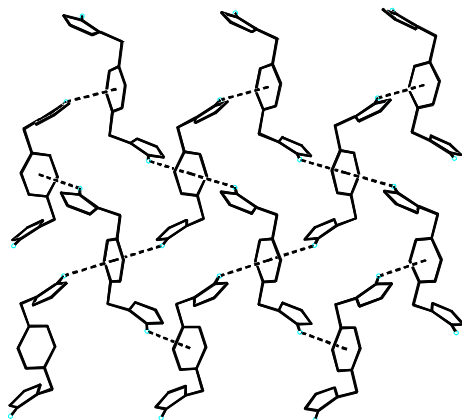


Figure S4. View of the arrangement of organic ligands in compound **3** with C-H \cdots π interaction indicated by dashed lines.

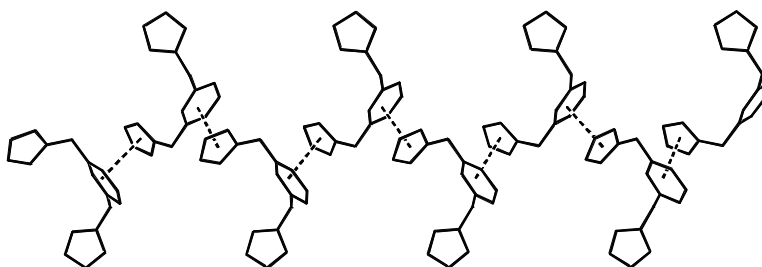


Figure S5. View of the arrangement of organic ligand in compound **4** along [001] direction with $\pi\cdots\pi$ interaction indicated by dashed lines.

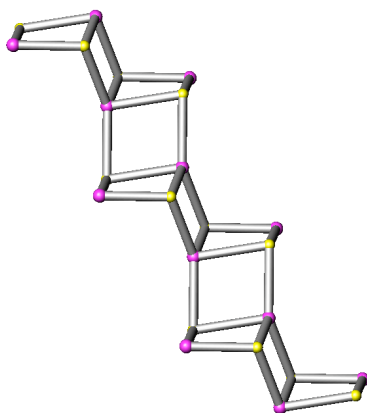


Figure S6. View of the 1D inorganic chain in **4** in a stair-step arrangement.

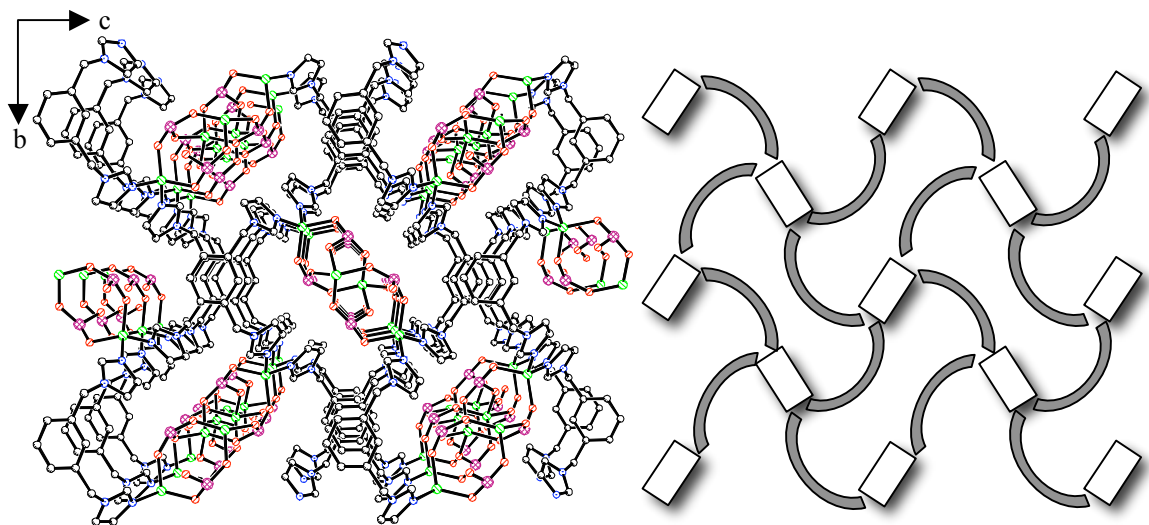


Figure S7. Crystal packing diagram for compound **4** in the *bc* plane with hydrogen atoms omitted for clarity (left) and a schematic rendering of the connection pattern between 1D inorganic chains (rectangle) and the organic ligand (curve) in the *bc* plane.