

Supporting Information File

Diastereoselective self-assembly of heterochiral Zn(II) complexes of racemic Schiff bases in a chiral self-discriminating process: Effect of non-covalent interactions on solid state structural self-assembly

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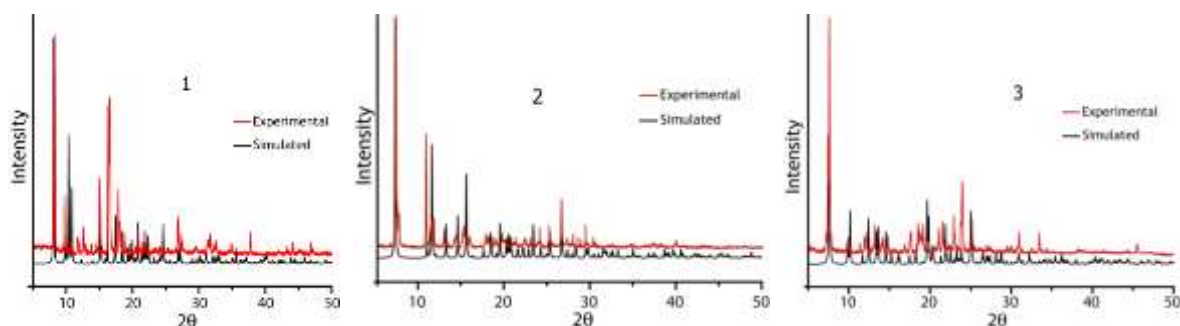


Fig. S1 Powder X-ray diffraction patterns of compound 1-3.

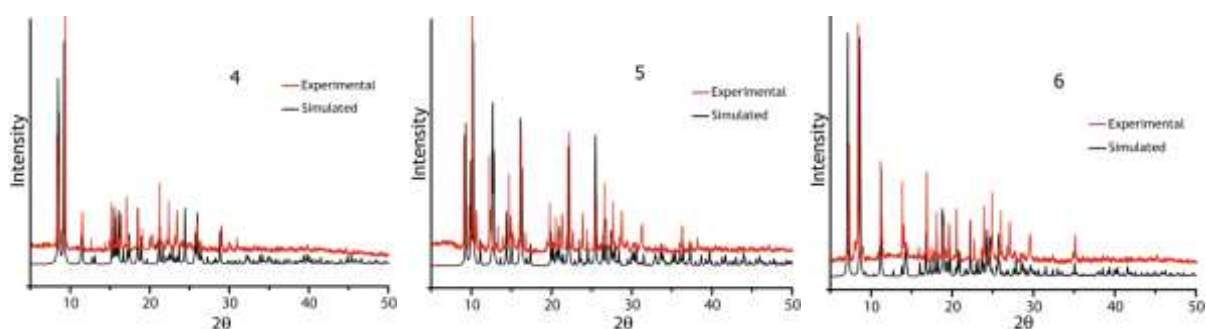


Fig. S2 Powder X-ray diffraction patterns of compound 4-6.

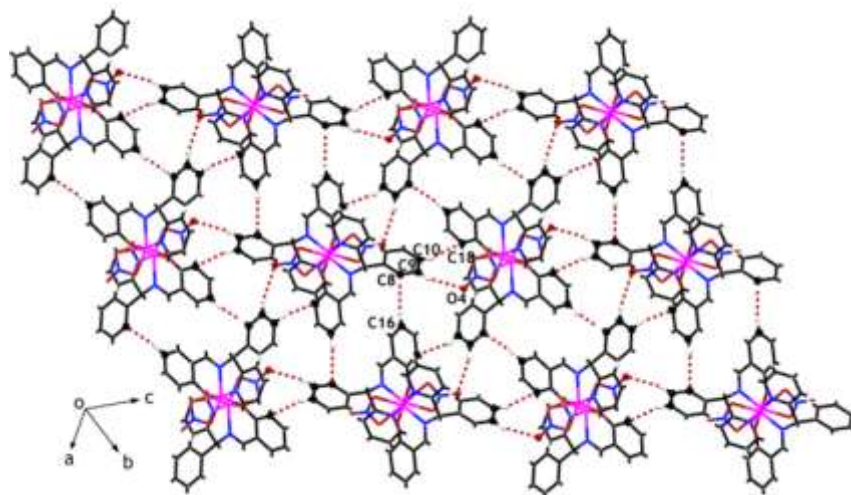


Fig. S3 Packing diagram of **1** representing 2D flower structure originating from different C-H...O and localized C-H... π interactions along *bc* plane.

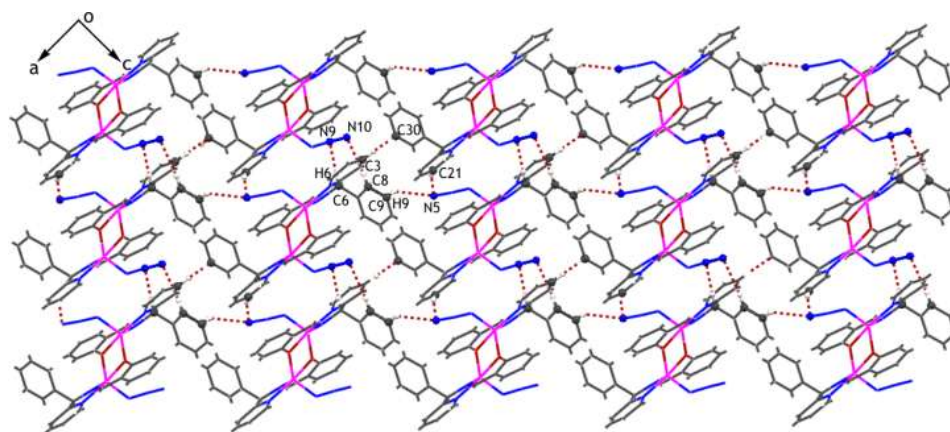


Fig. S4 Packing diagram of **2** representing 2D layer structure originating from different C-H...N and localized C-H... π interactions along *bc* plane.

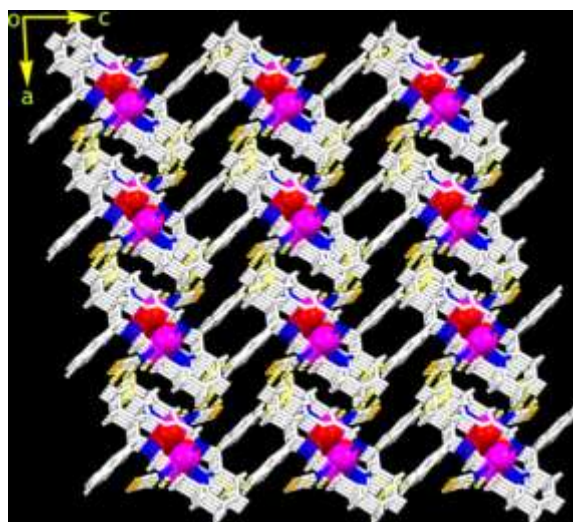


Fig. S5 Packing diagram of **3** representing 3D porous structure along the *ac* plane originating from different non-covalent interactions.

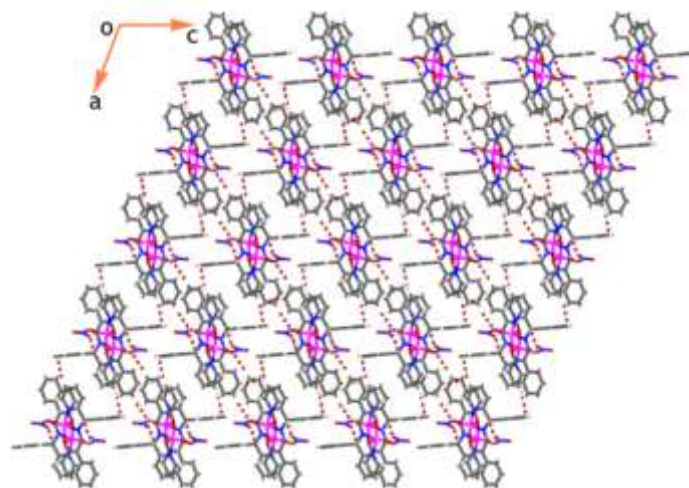


Fig. S6 Packing diagram of Complex **4** representing a 3D staircase structure originating from different non-covalent interactions down the *b*-axis.

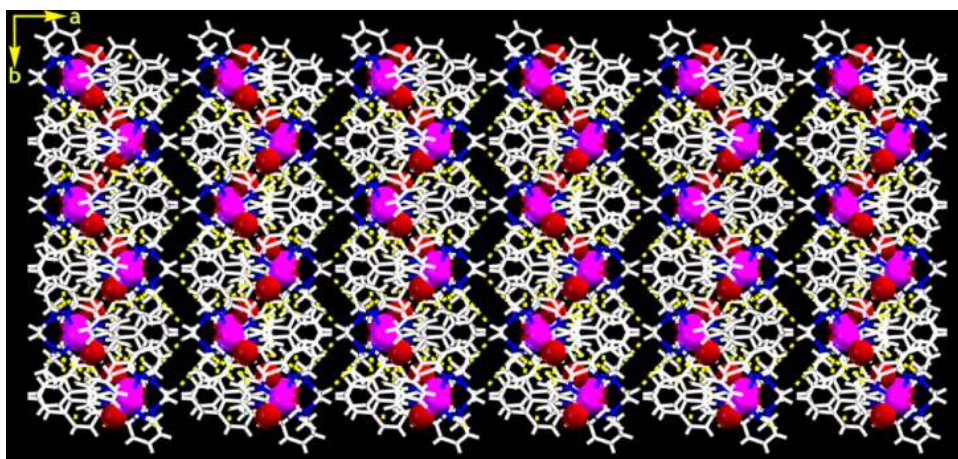


Fig. S7 Packing diagram of **6** representing 3D zigzag structure down the *b*-axis thru different non-covalent interactions.