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Supporting Information

Fluorescence properties of hetero-trinuclear Zn(II)-M(II) (M=Ca, Sr and Ba) bis(Salamo)-type complexes

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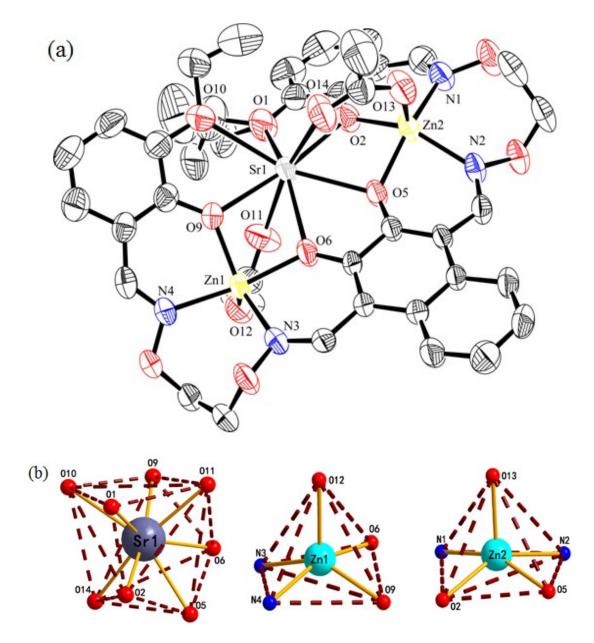


Fig. S1 (a) View of the molecular structure of complex **2** (hydrogen atoms and solvent molecules are omitted for clarity, and thermal ellipsoids are drawn at the 30% probability level). (b) Coordination polyhedra for Zn(II) and Sr(II) atoms of complex **2**.

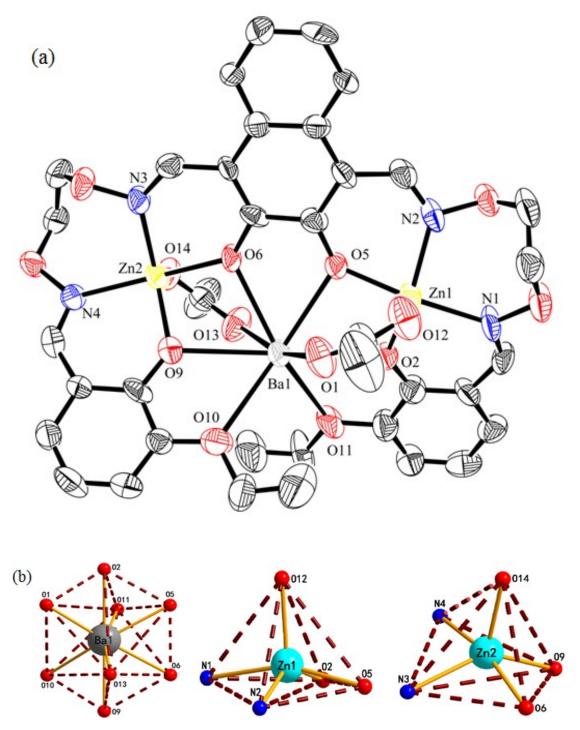


Fig. S2 (a) View of the molecular structure of complex **3** (hydrogen atoms and solvent molecules are omitted for clarity, and thermal ellipsoids are drawn at the 30% probability level). (b) Coordination polyhedra for Zn(II) and Ba(II) atoms of complex **3**.

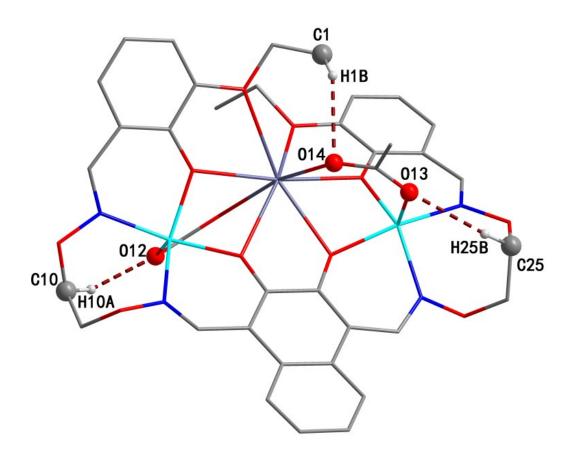
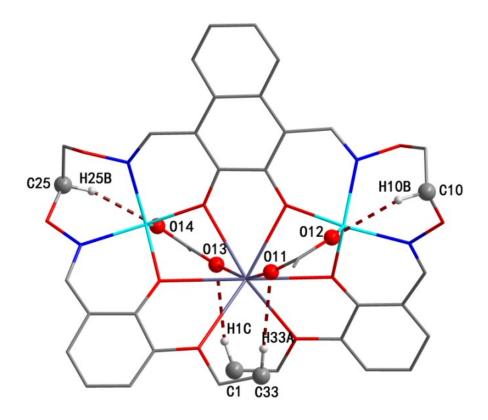


Fig. S3 View of the intramolecular hydrogen bonds of complex 2.



 $\label{eq:Fig.S4View} \textbf{Fig. S4} \ \ \text{View of the intramolecular hydrogen bonds of complex 3}.$

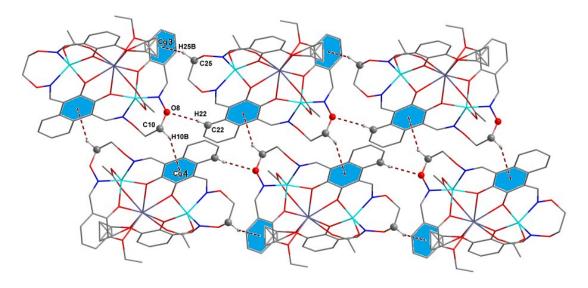


Fig. S5 View of an infinite 2D supramolecular network of complex 2.

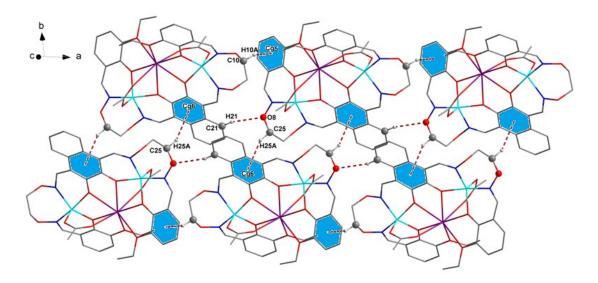


Fig. S6 View of an infinite 2D supramolecular network of complex 3.