Zinc and Cadmium Complexes Based on Bis-(1H-tetrazol-5-ylmethyl/ylethyl)-amine Ligands: Structures and Photoluminescence properties

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(a)

(b)
Fig. S1. View of (a) the 1D chain formed via the hydrogen-bonding interactions in 4; (b) the 2D sheet structure; (c) the 3D supramolecular network formed by hydrogen-bonding interactions; (d) the \(\{3^{36}\cdot4^{58}\cdot5^{7}\}\) 14-c topological net with the stoichiometry (14-c) (Some of H atoms were omitted for clarity).
Fig. S2. View of (a) the 1D chain formed by the hydrogen-bonding interactions of 8; (b) the 2D sheet structure (Some of H atoms were omitted for clarity).
Fig. S3. PXRD patterns of 1–9.
Fig. S4. TGA curves of complexes 1–9.
Fig. S5. Fluorescence lifetime measurements for powder samples of H$_3$L$^1$, H$_3$L$^2$, 1–9 at excitation of 340 nm