Supplementary materials

Blue-Emitting 2D- and 3D-Zinc Coordination Polymers Based on Schiff-Base Amino Acid Ligands

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Optical studies

Samples of **1** and **2** were ultrasonically pretreated in MeOH for 20' at room temperature to assist dissolution, due to their poor solubility. The batch solutions were further diluted so as to ensure that the measured absorbance values lie within the linear response range of Beer-Lambert range ($A < 0.7$).

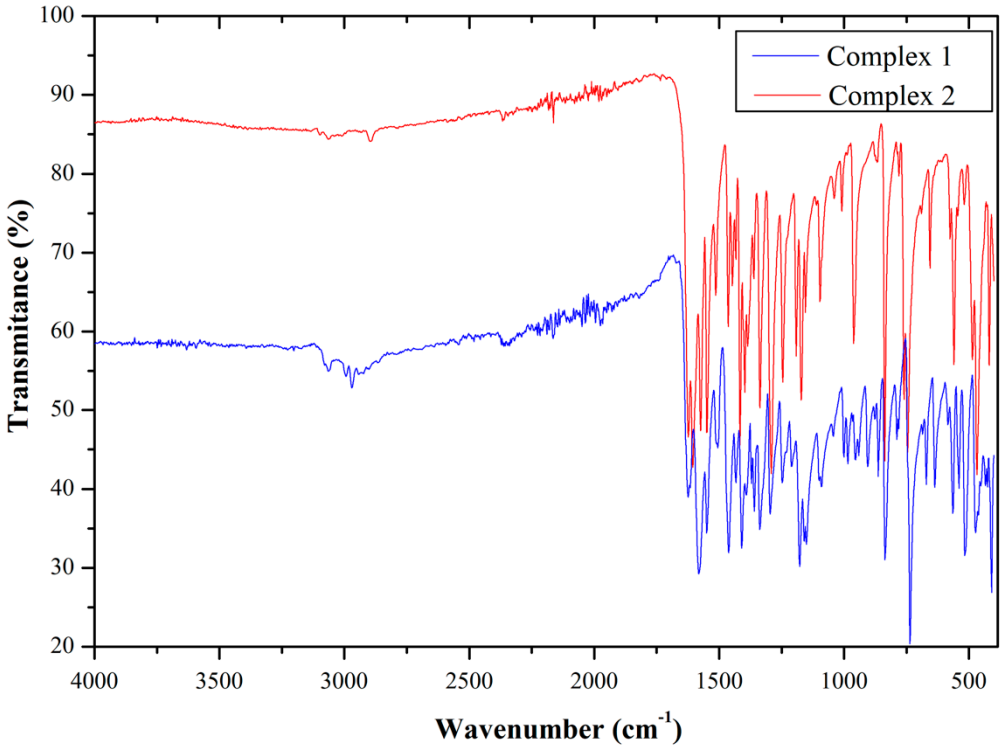
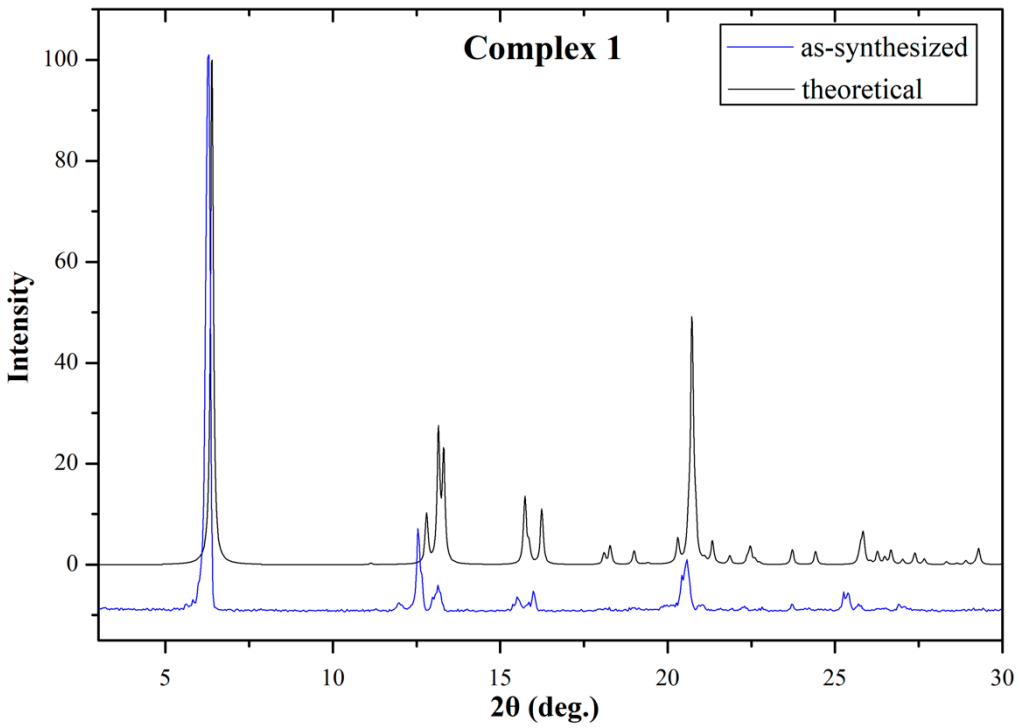


Figure S1. FT-ATIR spectra of **1** and **2**.



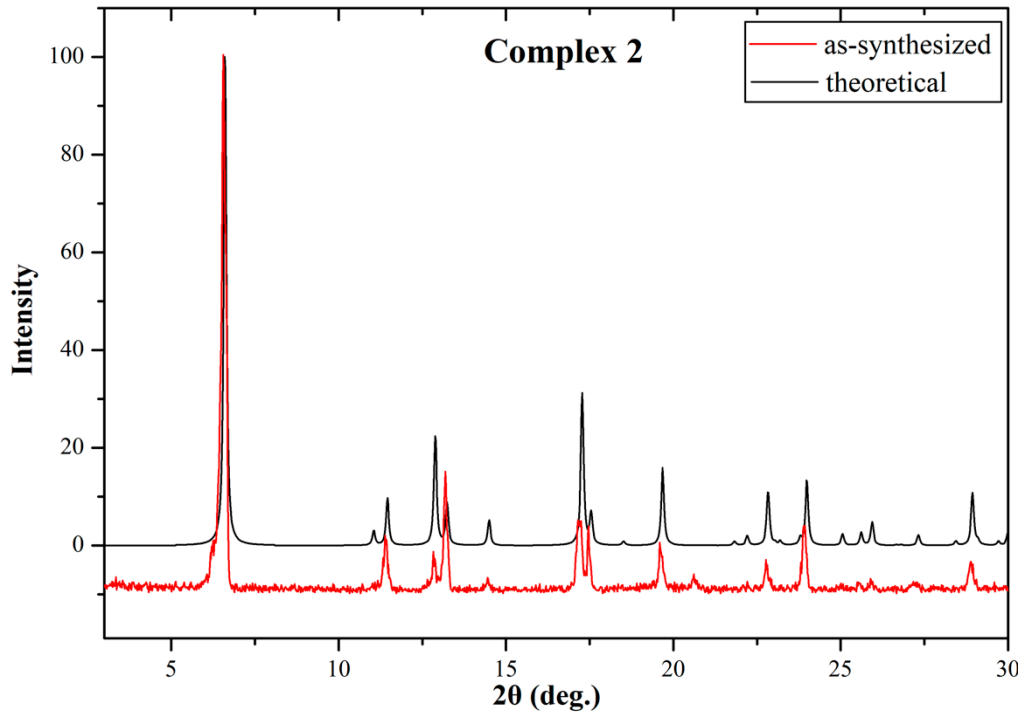


Figure S2. PXRD patterns for **1** (top) and **2** (bottom).

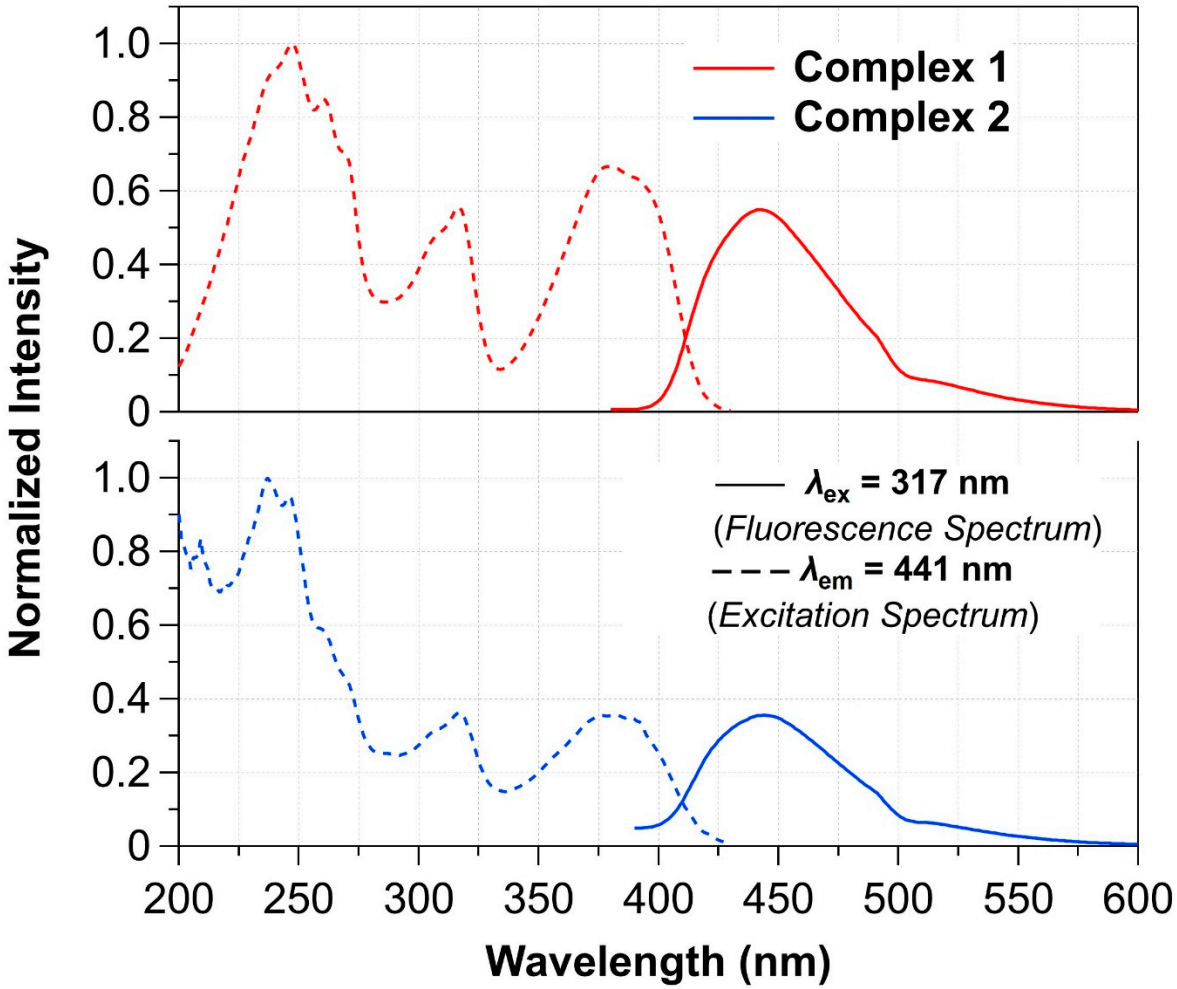


Figure S3. Solutions normalized excitation (λ_{em} = 441 nm) and fluorescence (λ_{ex} = 317 nm) spectra for complexes **1** and **2**.

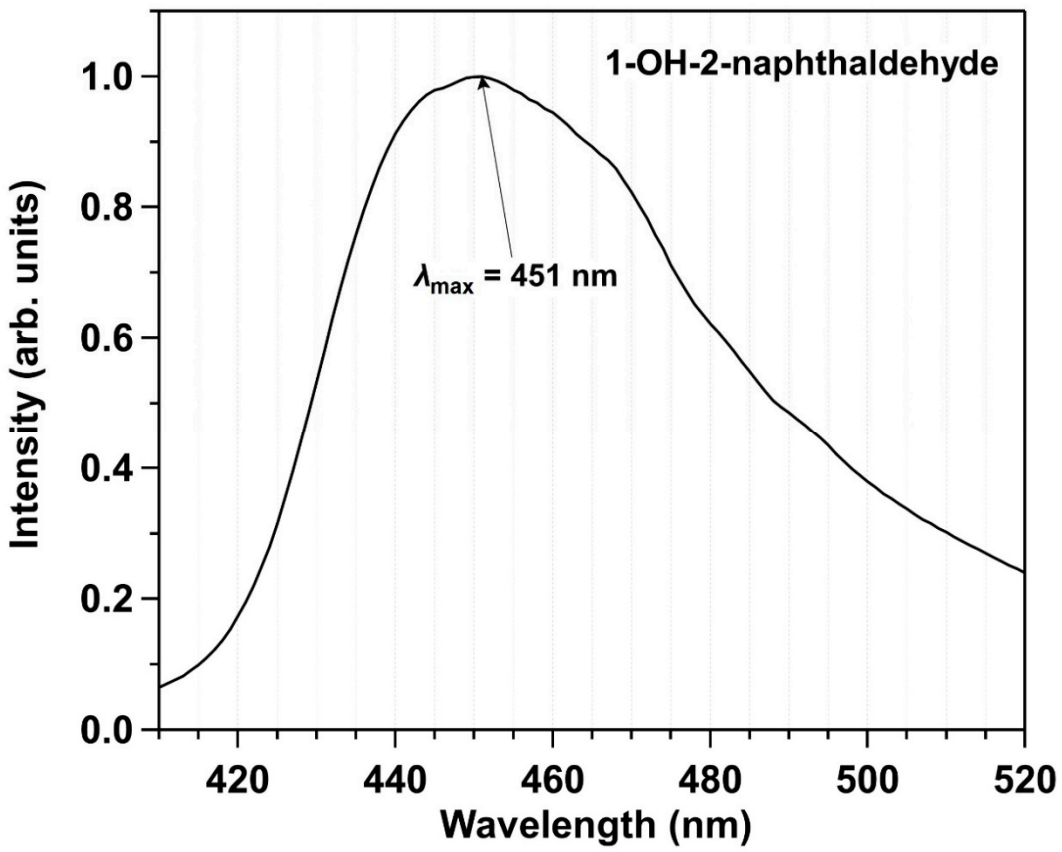


Figure S4. Solid-state fluorescence normalized spectrum of 1-OH-2-naphthaldehyde using 317 nm as excitation wavelength.