

Supplementary Materials: Synthesis, Crystal Structure, and Luminescent Properties of New Zinc(II) and Cadmium(II) Metal-Organic Frameworks Based on Flexible Bis(imidazol-1-yl)alkane Ligands

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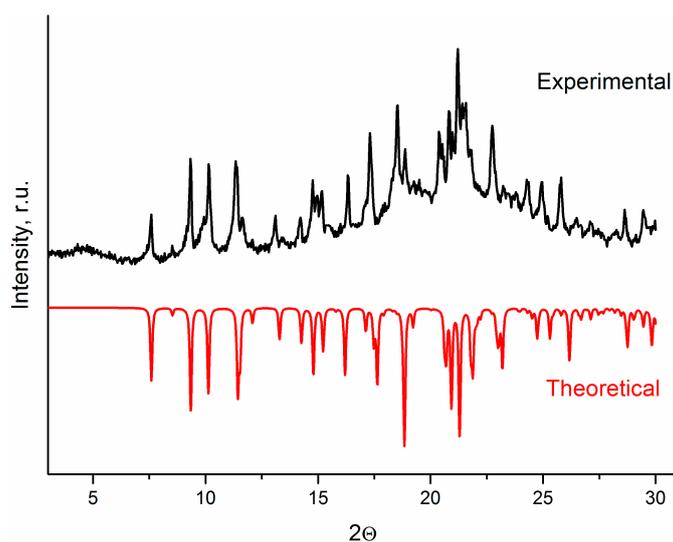


Figure S1. Experimental and calculated XDR pattern for compound 1.

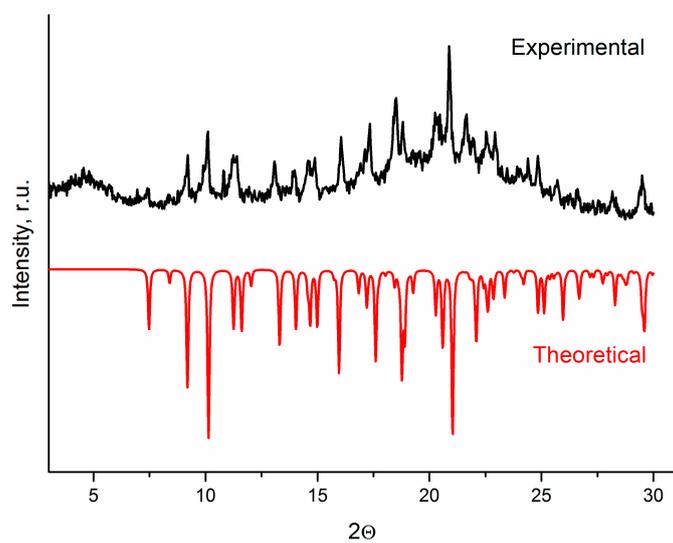


Figure S2. Experimental and calculated XDR pattern for compound 2.

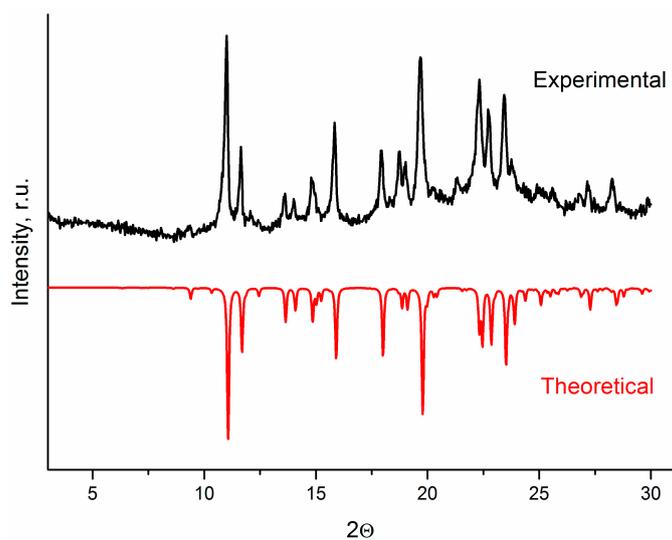


Figure S3. Experimental and calculated XDR pattern for compound 3.

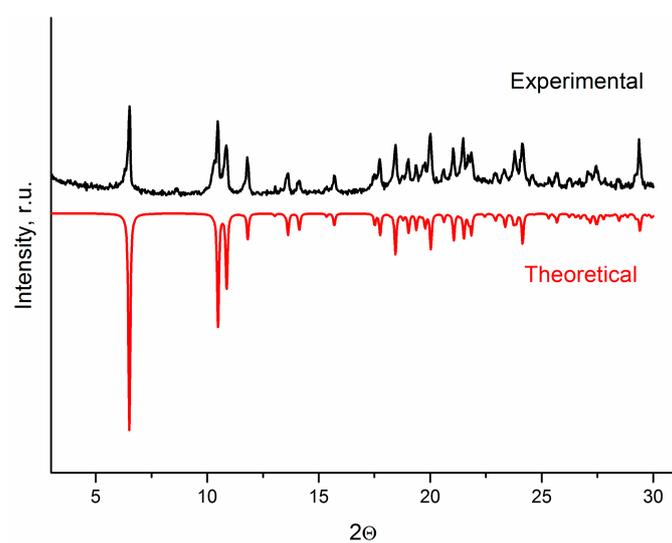


Figure S4. Experimental and calculated XDR pattern for compound 4.

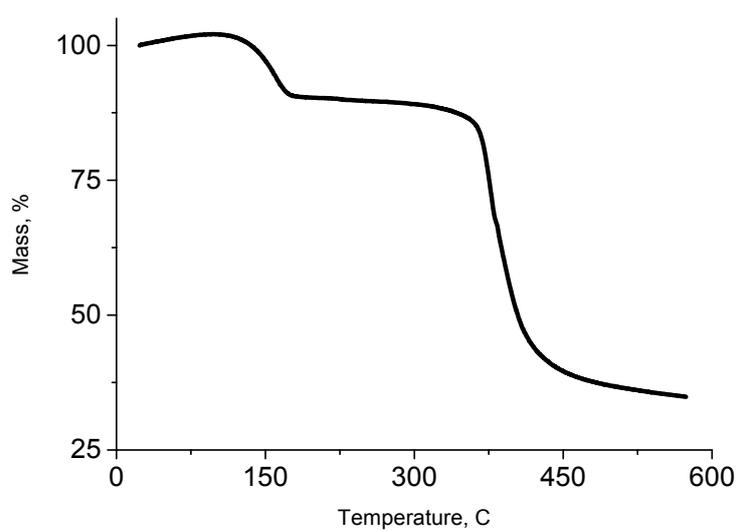


Figure S5. Thermogravimetric curve for compound 1. Minor increase of the sample mass at lower temperatures is attributed to some slight deviation of the base line during the measurement.

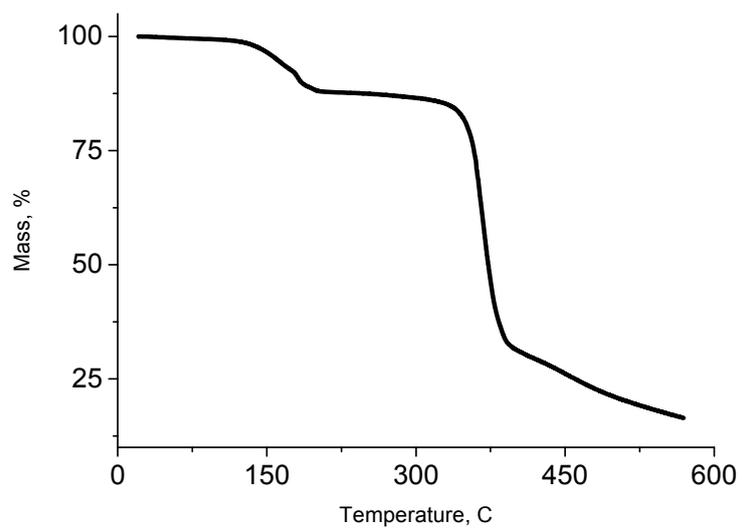


Figure S6. Thermogravimetric curve for compound 2.

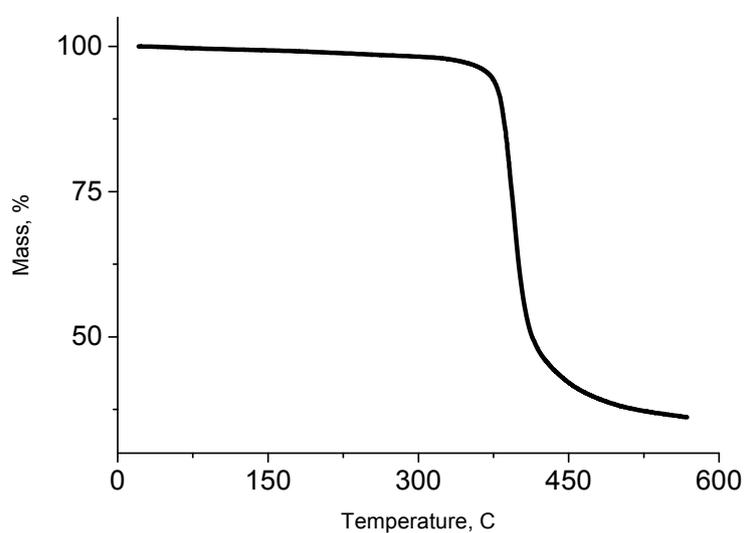


Figure S7. Thermogravimetric curve for compound 3.

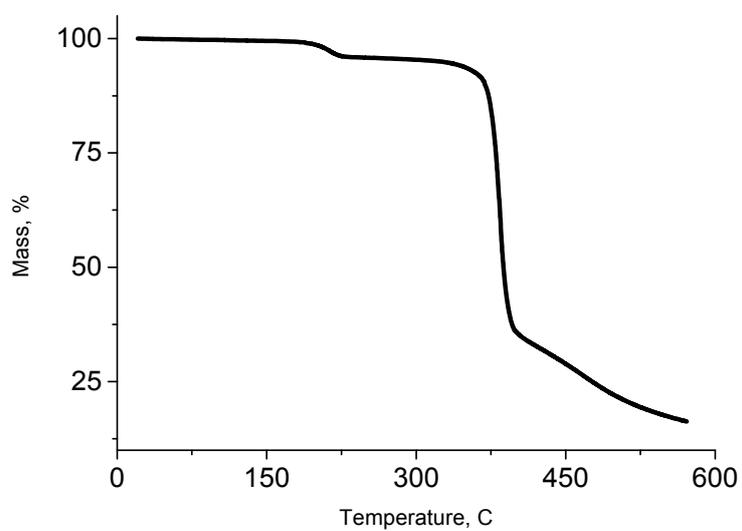


Figure S8. Thermogravimetric curve for compound 4.

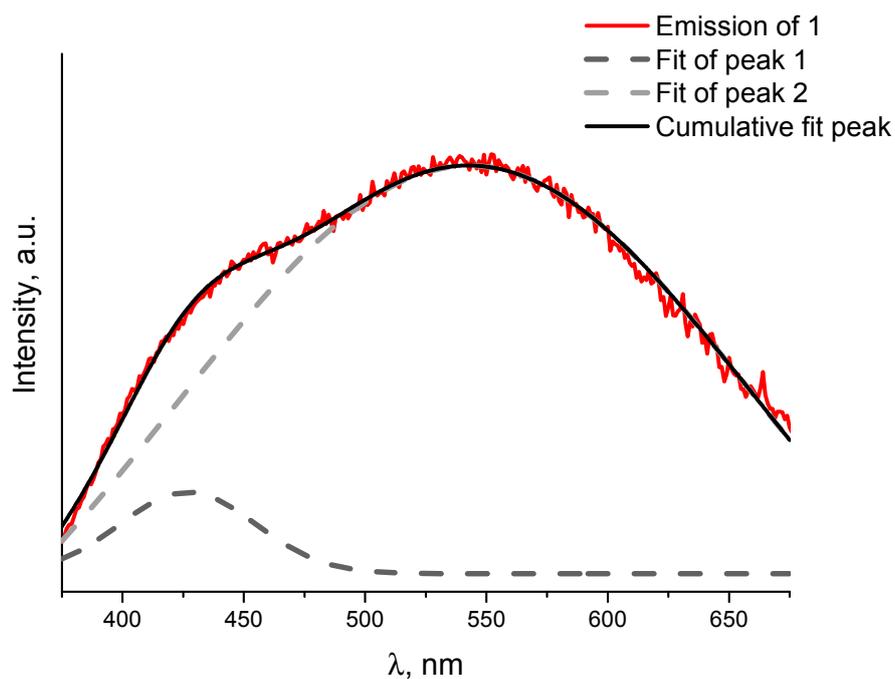


Figure S9. The experimental emission spectra of compound 1 (red) and its deconvolution onto two components (grey dashed lines). Black solid line represents the mathematical sum of these components. Peak 1: 427 nm, peak 2: 543 nm.

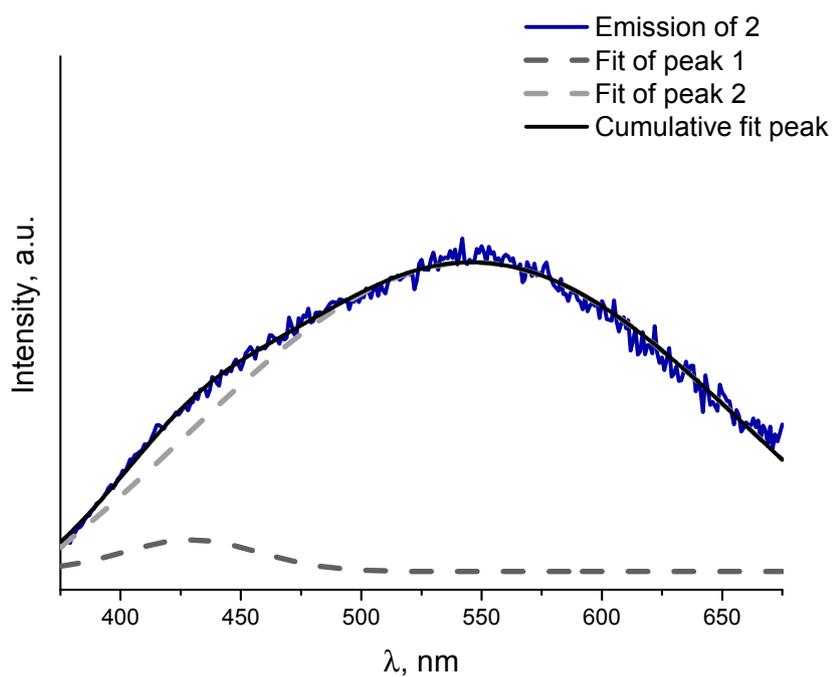


Figure S10. The experimental emission spectra of compound 2 (blue) and its deconvolution onto two components (grey dashed lines). Black solid line represents the mathematical sum of these components. Peak 1: 429 nm, peak 2: 546 nm.

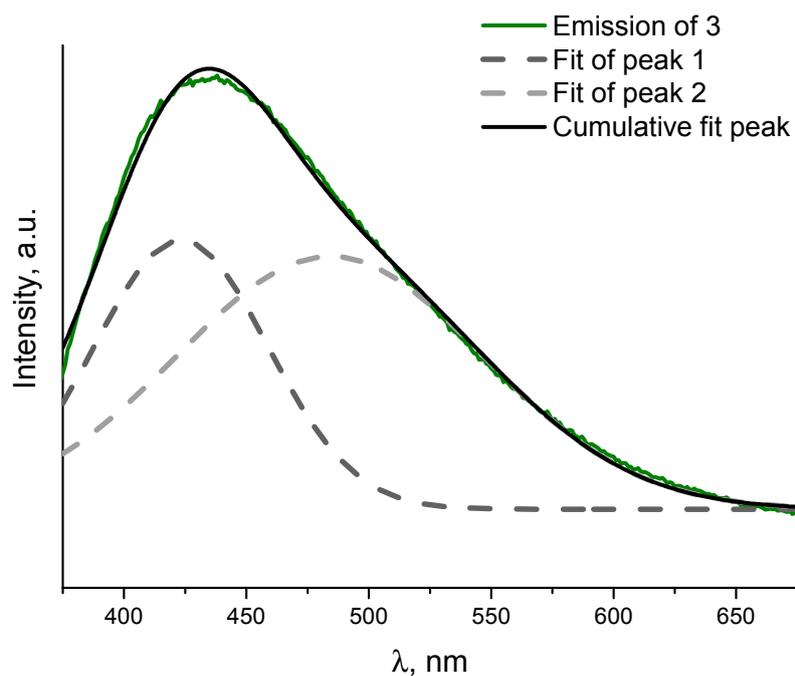


Figure S11. The experimental emission spectra of compound 3 (green) and its deconvolution onto two components (grey dashed lines). Black solid line represents the mathematical sum of these components. Peak 1: 423 nm, peak 2: 484 nm.

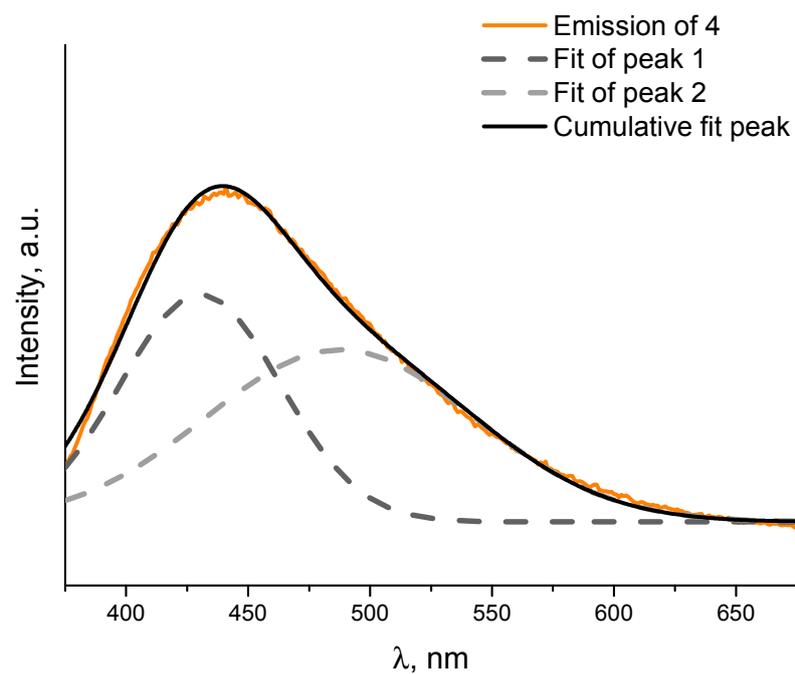


Figure S12. The experimental emission spectra of compound 4 (orange) and its deconvolution onto two components (grey dashed lines). Black solid line represents the mathematical sum of these components. Peak 1: 430 nm, peak 2: 488 nm.

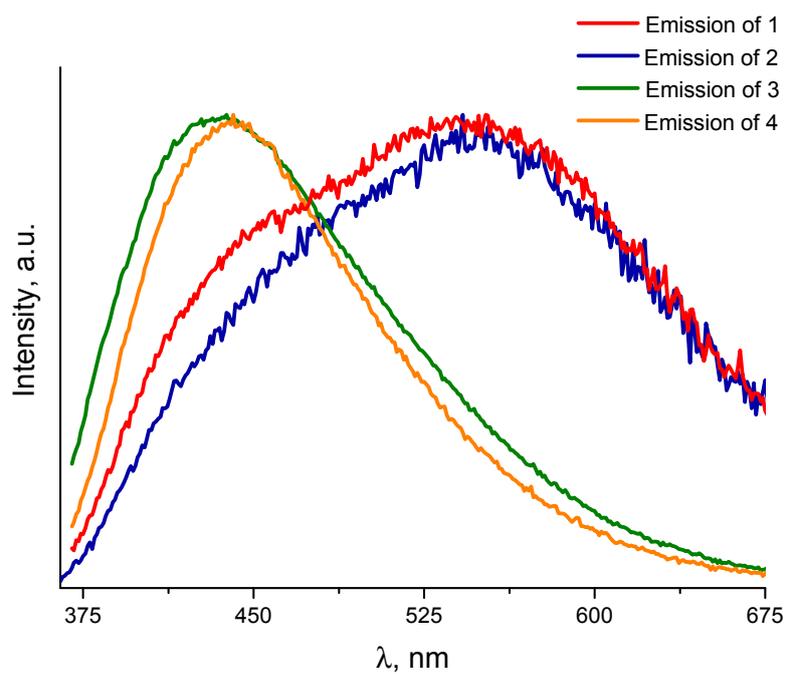


Figure S13. The emission luminescence spectra of the coordination polymers 1–4 with normalized intensities.



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