

Photochromism and photoswitchable luminescence in a Zn₇ cluster-based metal-organic framework with organic guest

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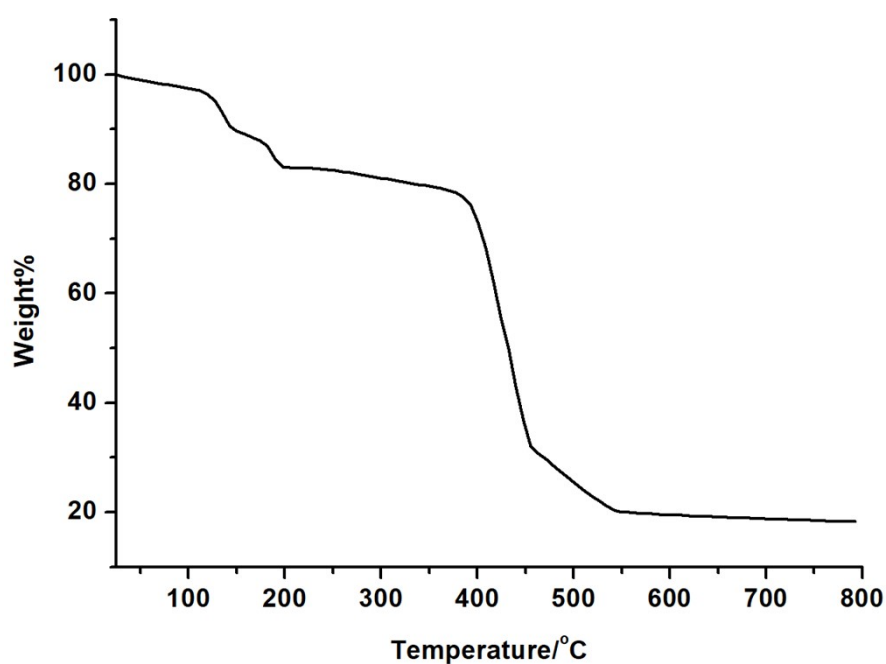


Fig. S1 TGA curve of compound 1.

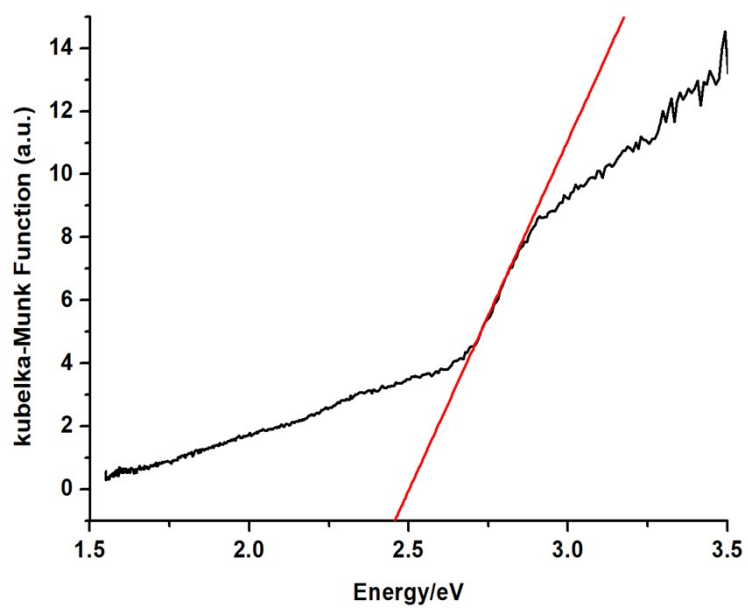


Fig. S2 Optical absorption spectra of compounds **1**.

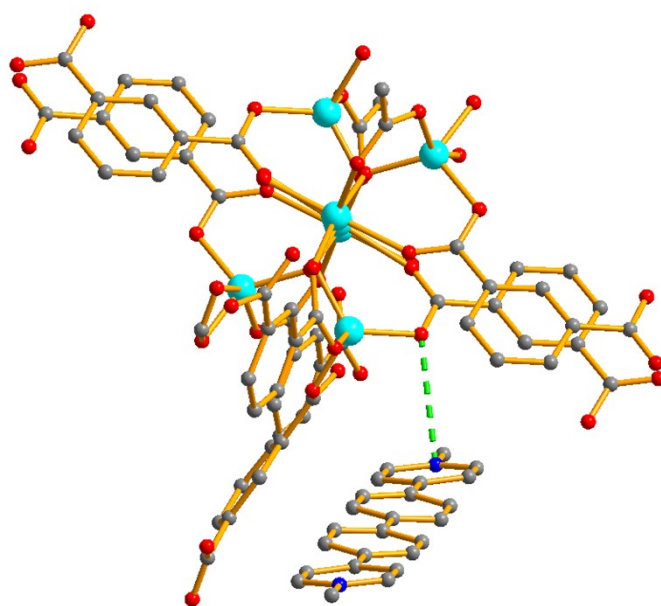


Fig. S3 Distance between the carboxylate O atom of the IPA²⁻ ligand and adjacent pyridinium N atom in compound **1**.

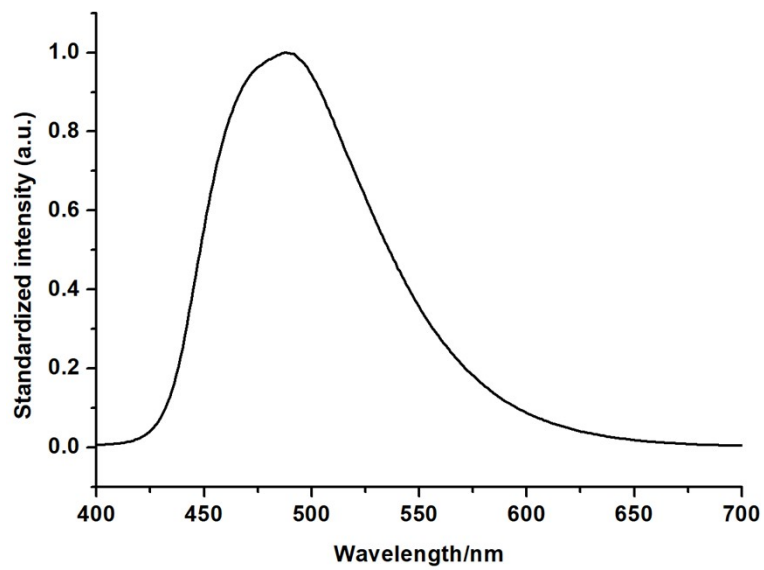


Fig. S4 The luminescent spectrum of bbmp·2I ($\lambda_{\text{ex}} = 370$ nm).

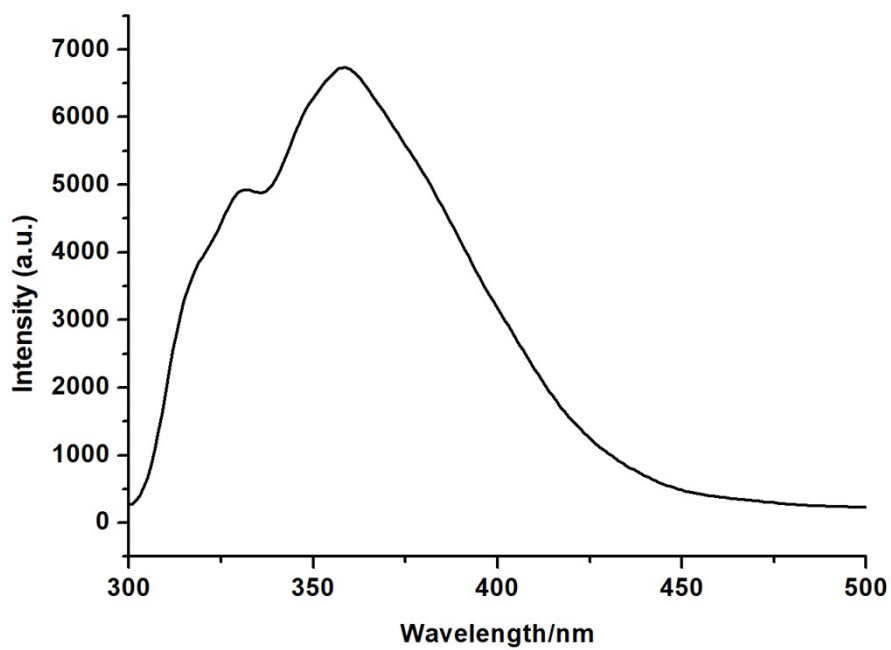


Fig. S5. The luminescent spectra of H₂IPA ligand ($\lambda_{\text{ex}} = 280$ nm).

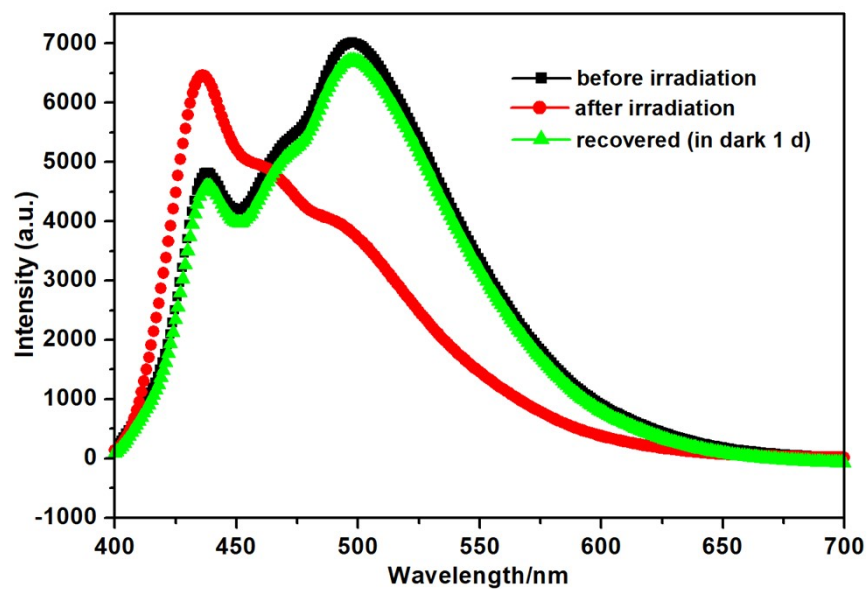


Fig. S6. Luminescent emission spectra of before irradiation, after irradiation, and decolorized sample of compound **1**.

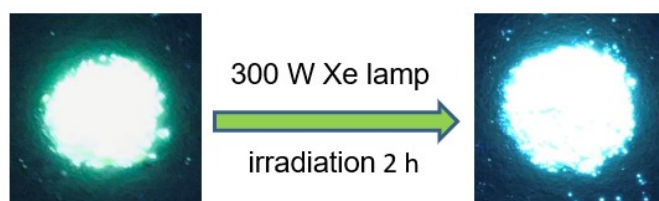


Fig. S7. Photos showing luminescence changes after UV-Vis light irradiation of compound **1** (under a 365 nm UV lamp).