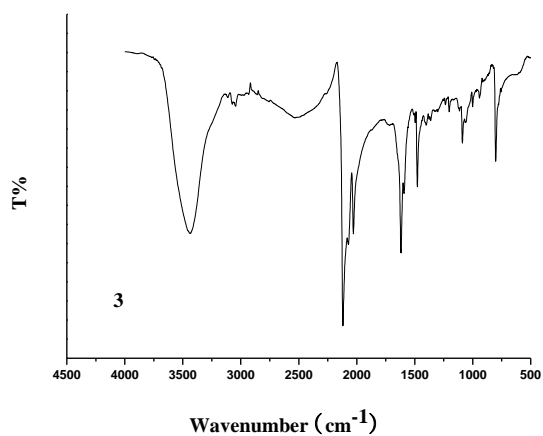
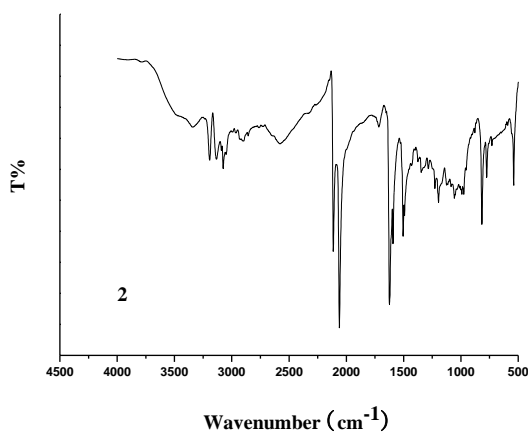
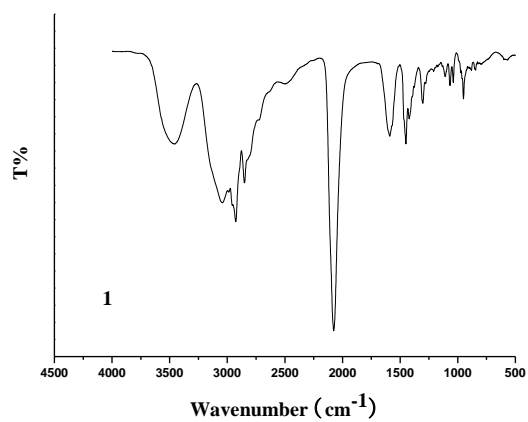


Supporting Materials



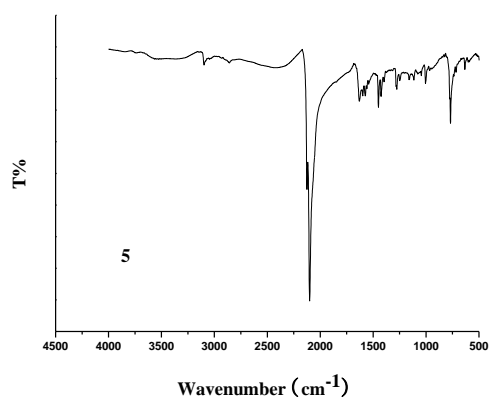
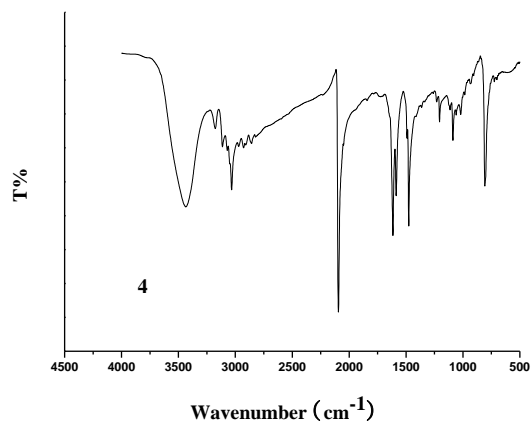
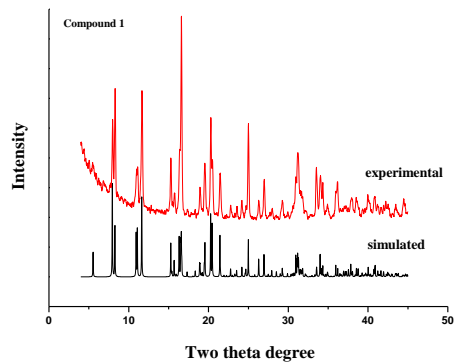


Fig. S1 The IR spectra for compounds 1-5.



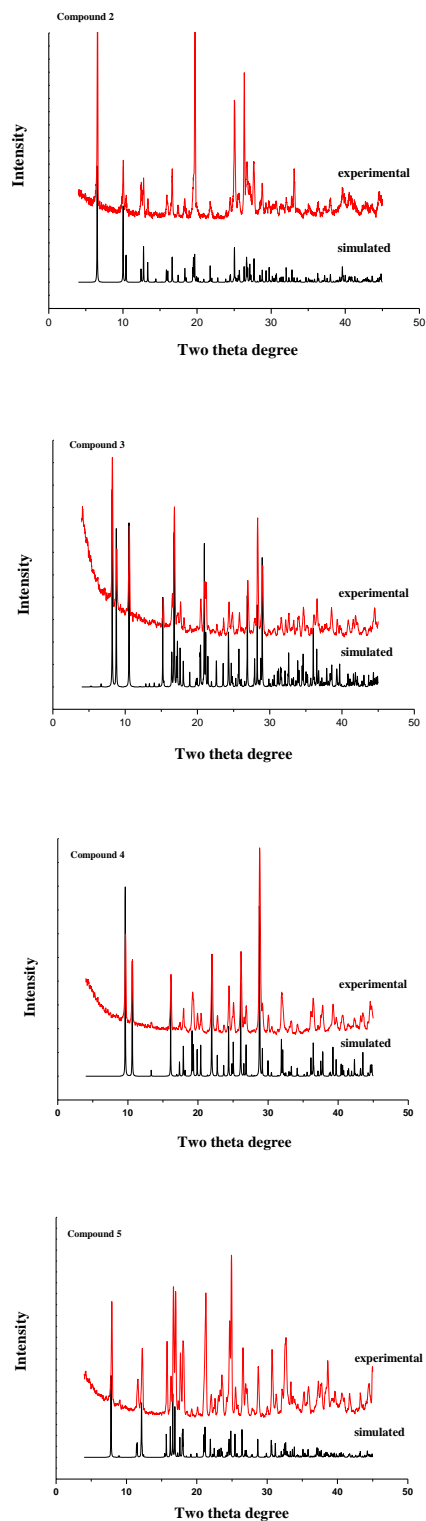
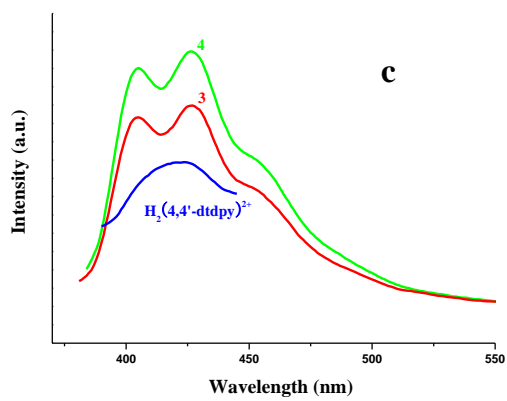
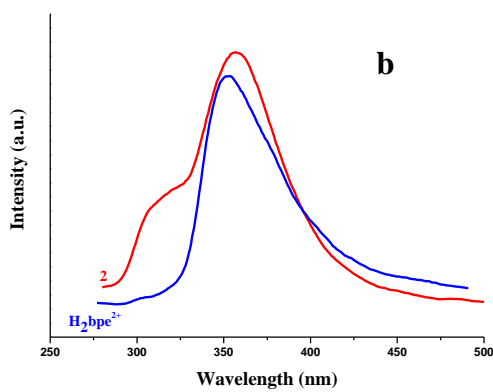
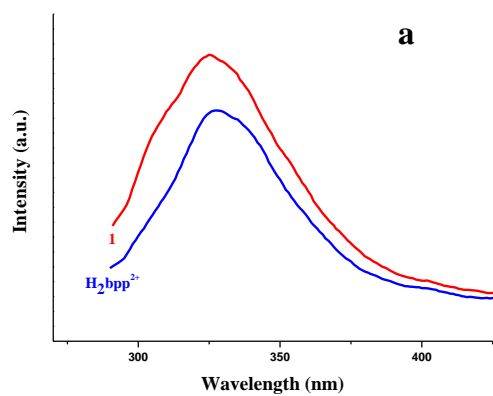


Fig. S2 The simulated (black) and experimental (red) powder XRD patterns for compounds 1-5.



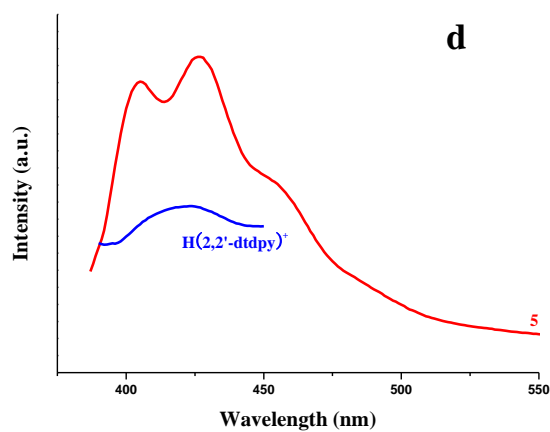


Fig. S3 The emission spectra of compound 1 and H₂bpp²⁺ (a), compound 2 and H₂bpe²⁺ (b), compounds 3, 4 and H₂(4,4'-dtdpy)²⁺ (c) as well as compound 5 and H(2,2'-dtdpy)⁺ (d).

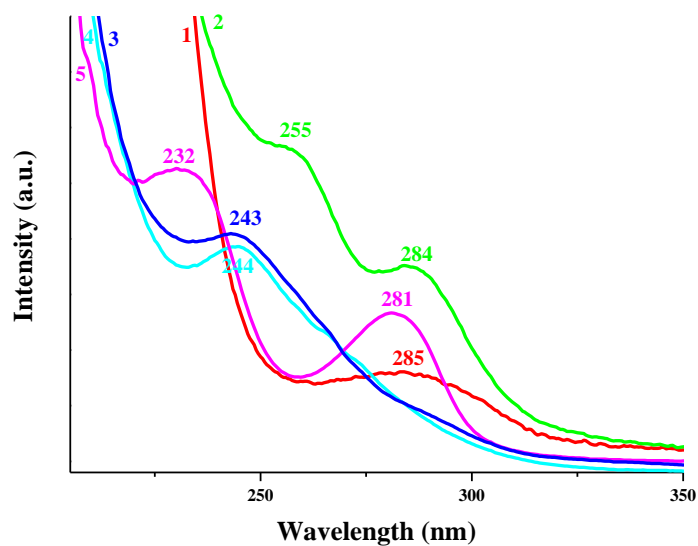


Fig. S4 The UV-vis spectra of compounds 1-5 in ethanol solutions.