

Electronic Supporting Information (ESI)

Sensitization of lanthanide luminescence by two different Pt→Ln energy transfer pathways in PtLn₃ heterotetranuclear complexes with 5-ethynyl-2,2'-bipyridine

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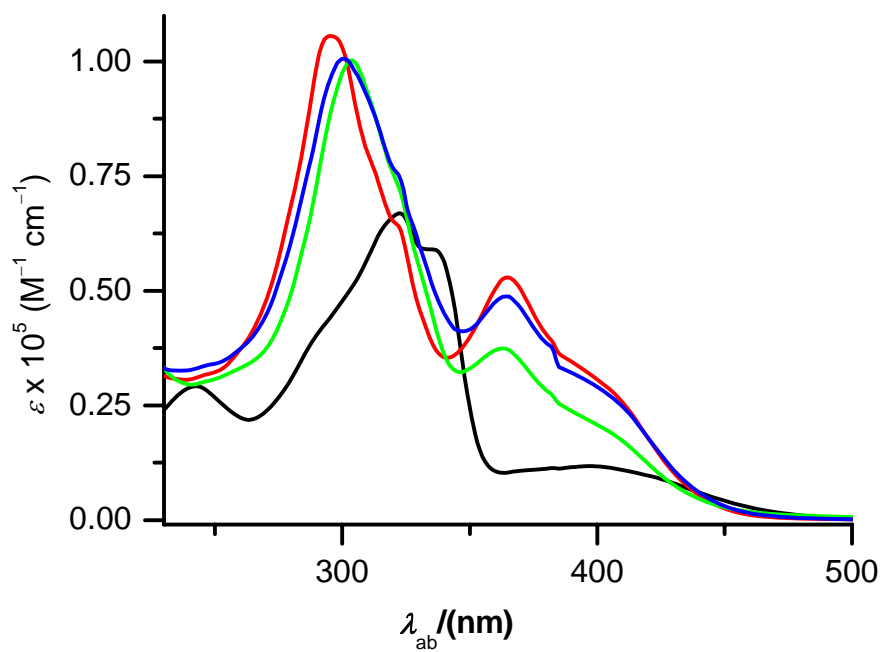


Figure S1. UV-vis electronic absorption spectra of **1** (black), **2** (green), **3** (blue), and **4** (red) in dichloromethane.

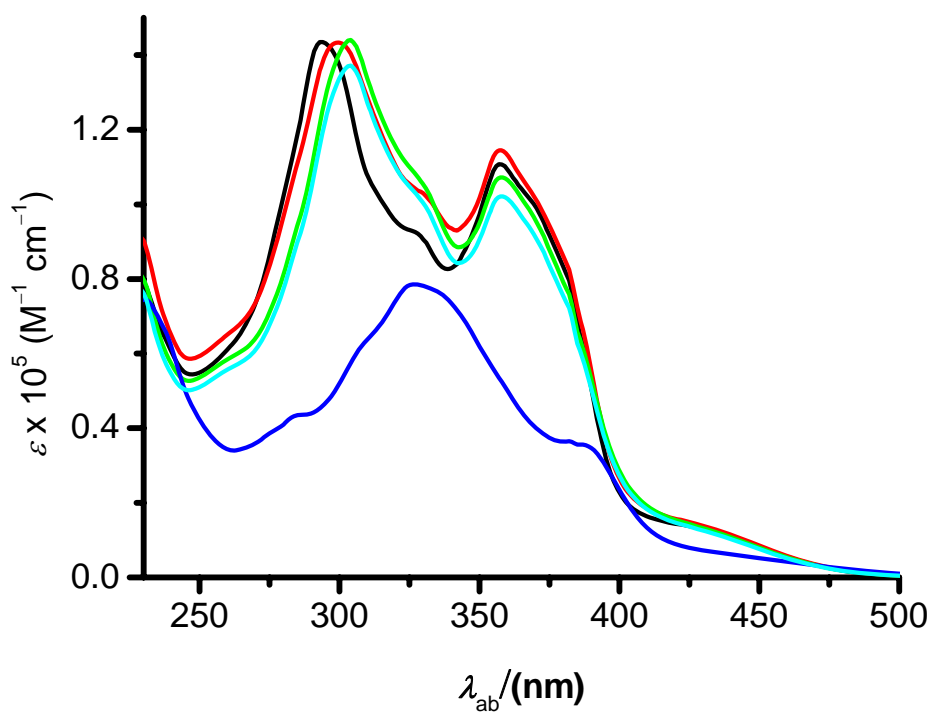


Figure S2. UV-vis electronic absorption spectra of **5** (blue), **6**(green), **7** (red), **8** (cyan) and **9** (black) in dichloromethane.

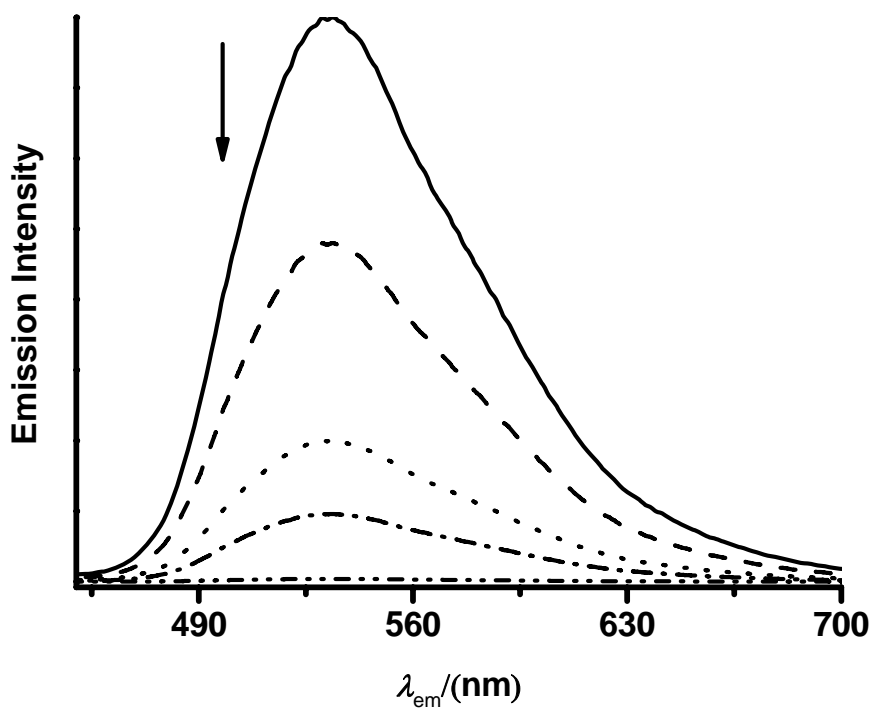


Figure S3. Titration of **1** with Yb(hfac)₃(H₂O)₂ in dichloromethane solution, showing the quenching of the bpyPt^{II}(acetylide)₂-based emission.

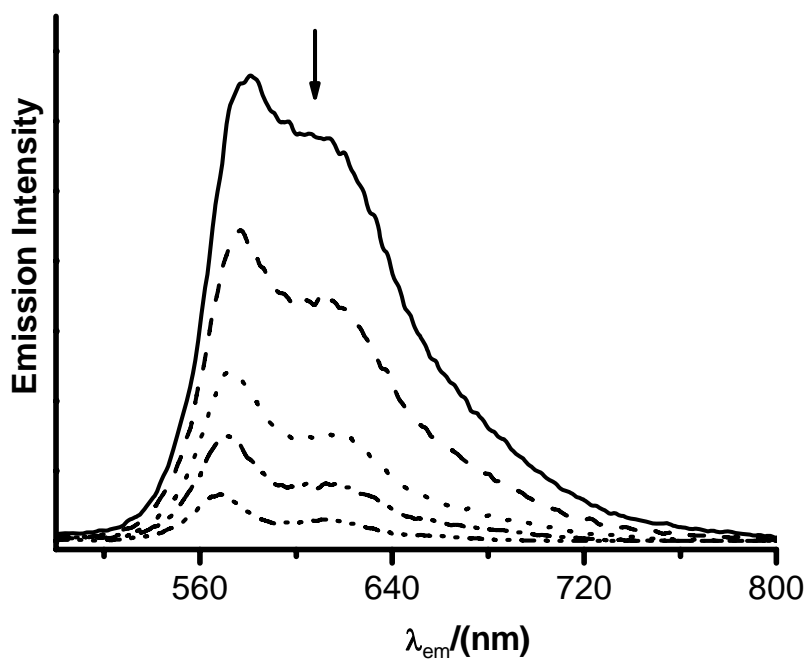


Figure S4. Titration of **5** with Yb(hfac)₃(H₂O)₂ in dichloromethane solution, showing the partly quenching of the Pt(C≡Cbpy)₄-based emission.

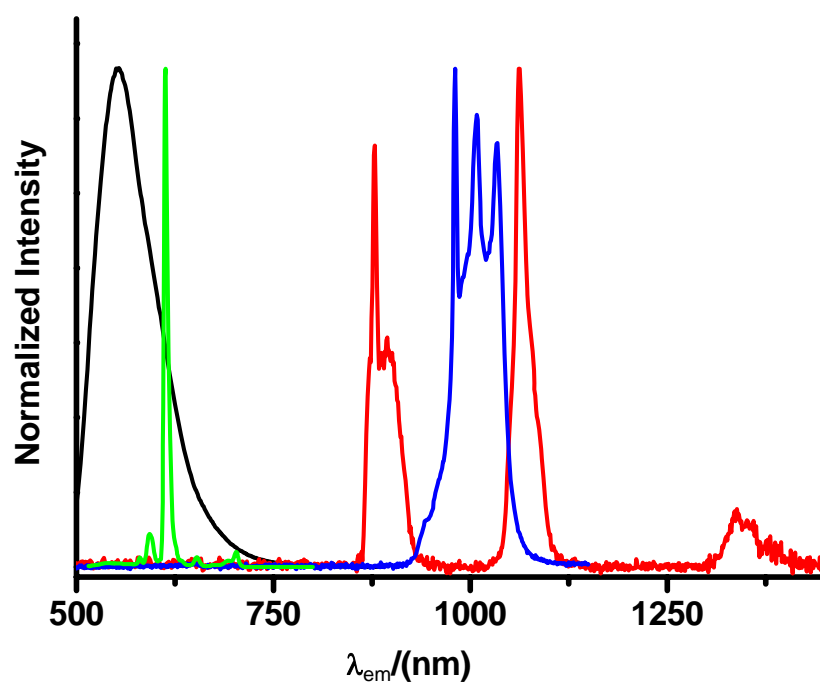


Figure S5. Emission spectra of **1** (black), **2** (red), **3** (green), and **4** (blue) in dichloromethane solutions at 298 K.