

Supporting Information

Title: A series of luminescent Cu(I) mixed ligand complexes containing 9-dimethyl-1,10-phenanthroline and simple diphosphine ligands.

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Spectroscopic properties of $[\text{Cu}(\text{dmp})(\text{PPh}_2-(\text{CH}_2)_5-\text{PPh}_2)]\text{PF}_6$

We believe that the complex has a dimeric structure similar to the dppb complex, but we have no data showing the nuclearity of the complex.

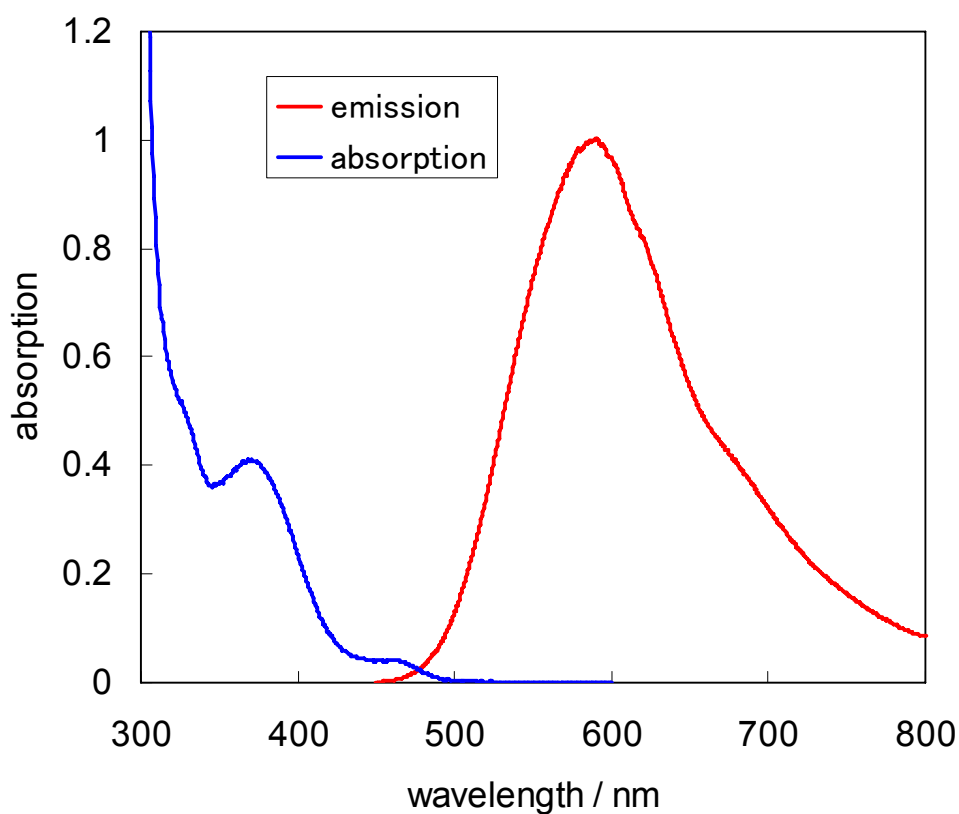


Figure S1. The absorption and corrected emission spectra of the $[\text{Cu}(\text{dmp})(\text{PPh}_2-(\text{CH}_2)_5-\text{PPh}_2)]\text{PF}_6$ ($2 \times 10^{-4}\text{M}$) in degassed CH_2Cl_2 solution measured at room temperature.