Electronic Supplementary Material (ESI) for CrystEngComm.

Supporting Information

A series of dinuclear cuprous iodide complexes chelated with 1,2-bis(diphenylphosphino)benzene derivatives: structural, photophysical and thermal properties

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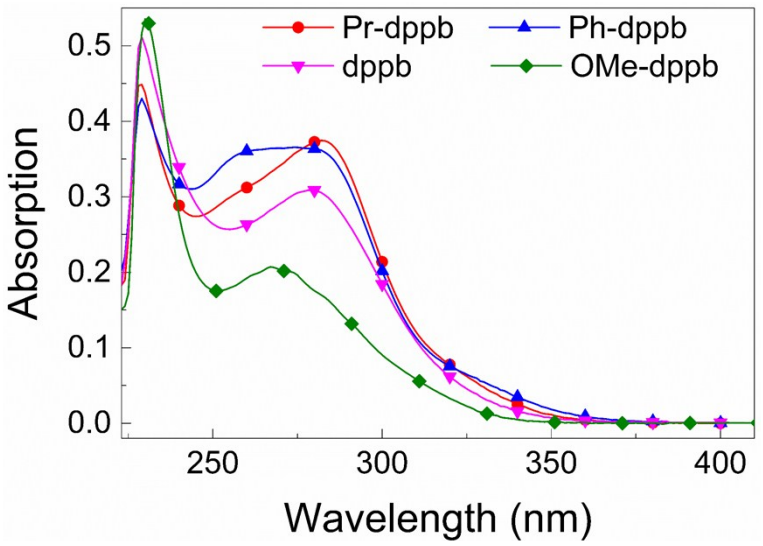

Figure S1. UV absorption spectra of the four bisphosphine ligands 1,2-bis(diphenylphosphino)benzene (dppb), 4-phenyl-1,2-bis(diphenylphosphino)benzene (Ph-dppb), 4-pyrrolyl-1,2-bis(diphenylphosphino)benzene (Pr-dppb), and 4,5-dimethoxyl-1,2-bis(diphenylphosphino)benzene (OMe-dppb) measured in CH_2Cl_2 (10^{-5} M) at room temperature.

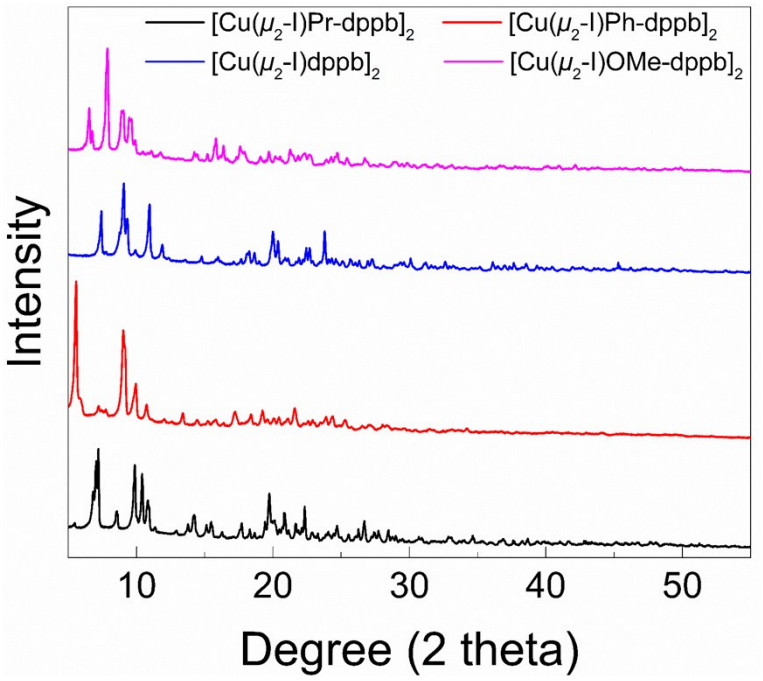

Figure S2. PXRD spectra of $[Cu(\mu_2\text{-I})dppb]_2$, $[Cu(\mu_2\text{-I})Ph\text{-}dppb]_2$, $[Cu(\mu_2\text{-I})Pr\text{-}dppb]_2$, and $[Cu(\mu_2\text{-I})OMe\text{-}dppb]_2$. The data was collected using a X'Pert^3 Powder X-ray diffractometer under monochromated Cu *K*α irradiation (λ = 1.5418 Å) at a scan rate of 3.44 °min^{-1}.