

Supporting Information

Versatile structures and photophysical properties of poly- and mononuclear Cu^{I} complexes with *N*-thiophosphorylated thioureas $\text{RNHC(S)NHP(S)(OiPr)}_2$ and phosphines

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Figure S1 Orientation of the arylN and *i*Pr groups in two independent molecules of **2**.

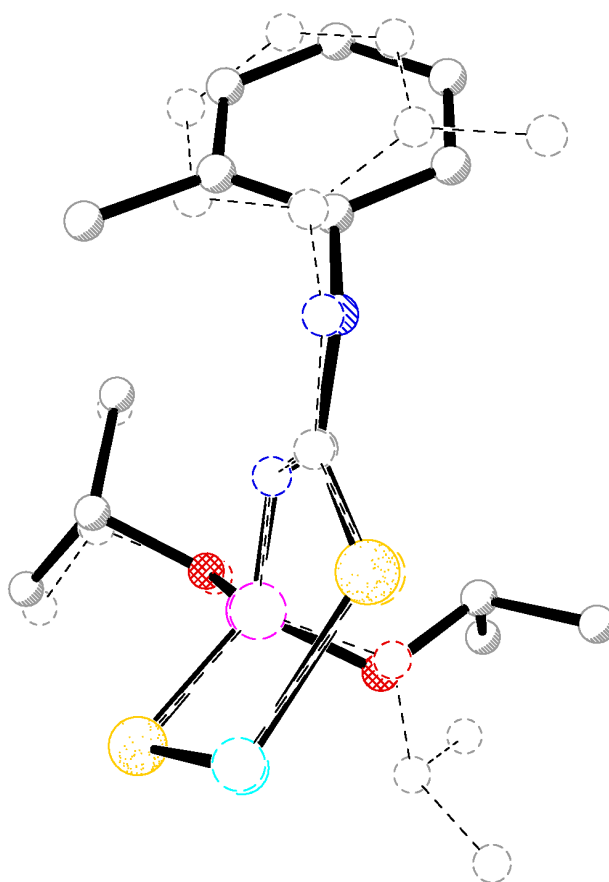


Figure S2 UV-Vis absorption spectra of **1** (red), **2** (blue) and **3** (black) in CH₂Cl₂ at 25 °C.

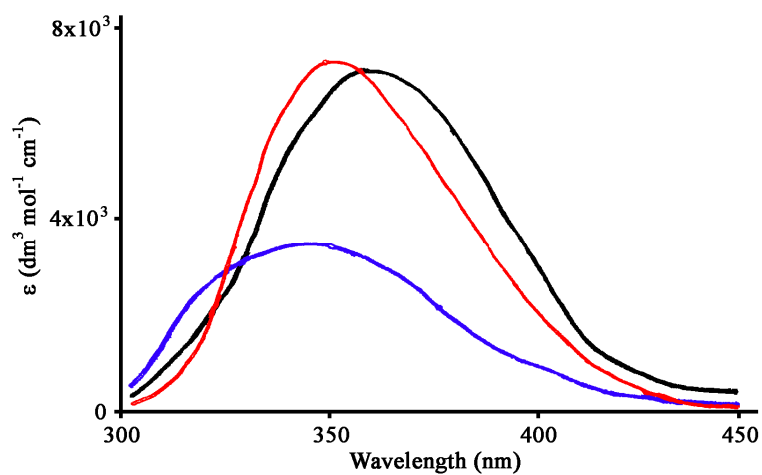


Figure S3 UV-Vis absorption spectra of **4** (blue), **6** (red) and **8** (black) in CH₂Cl₂ at 25 °C. The profile of the absorption spectra for **5** is similar to that of **4**. The profiles of the absorption spectra for **5**, **7** and **9–14** are similar to that of **4**, **6** and **8**, respectively.

