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Supporting information for article:

Intermolecular Interaction Energies and Magnetic Properties of Spin-isolated Multinuclear Cu(II) Complexes

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Figures S7-S8	LeBail analysis of complexes 2 and 3
Figure S9.....	Spin density for high-spin states for complexes 1, 2, 3 and 4

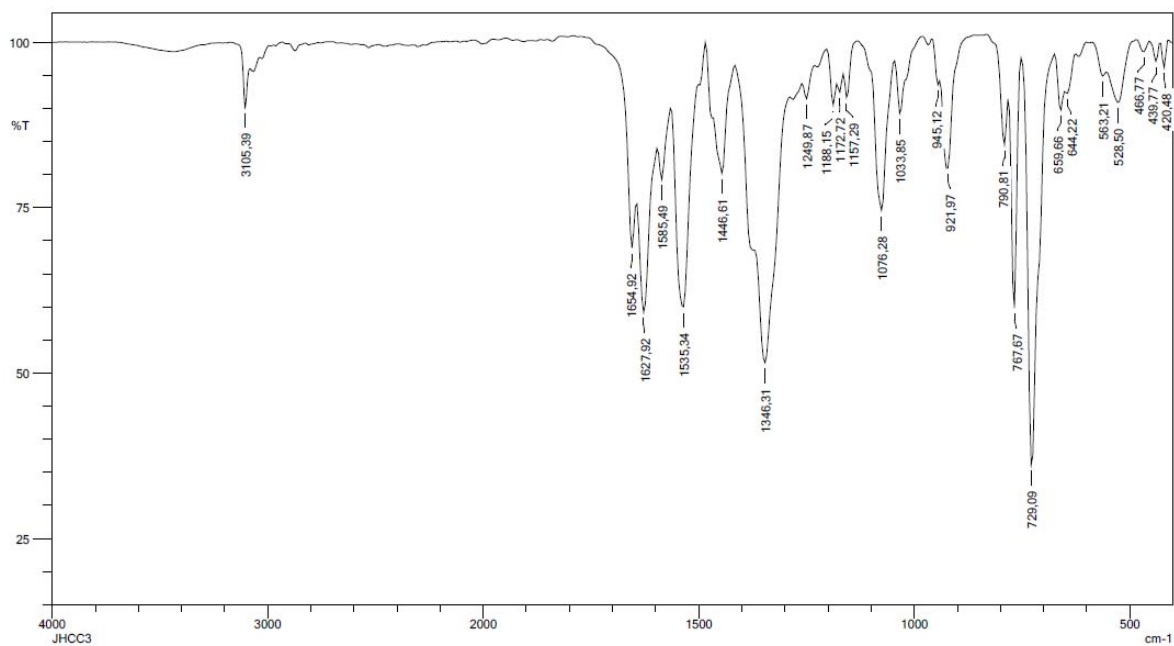
Figure S1 FTIR spectra of complex 2.

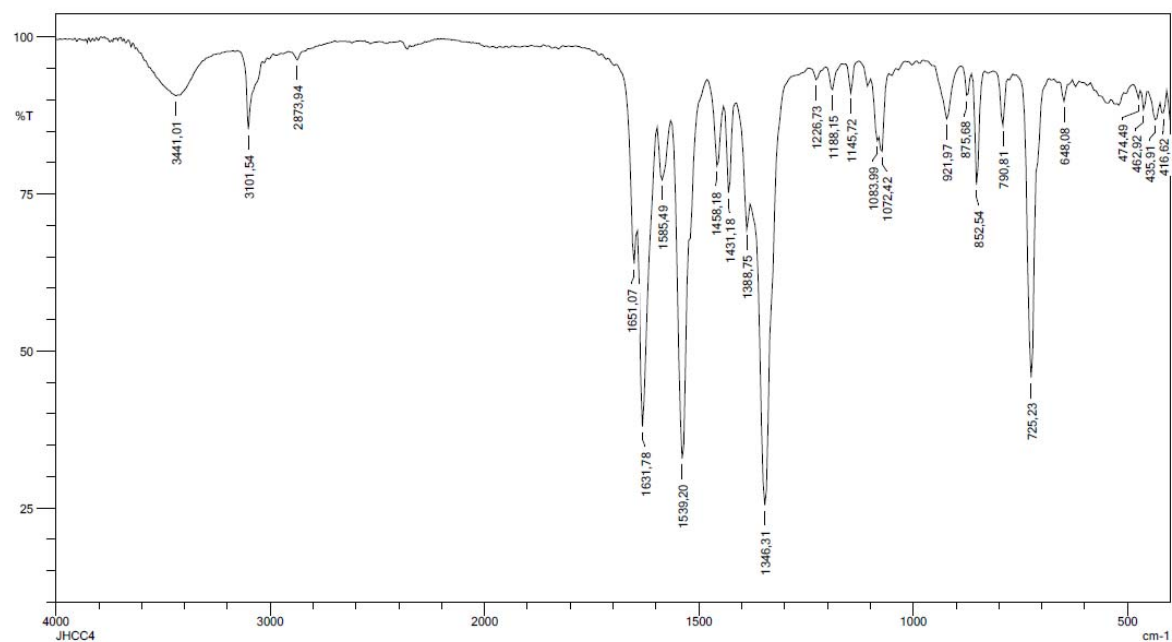
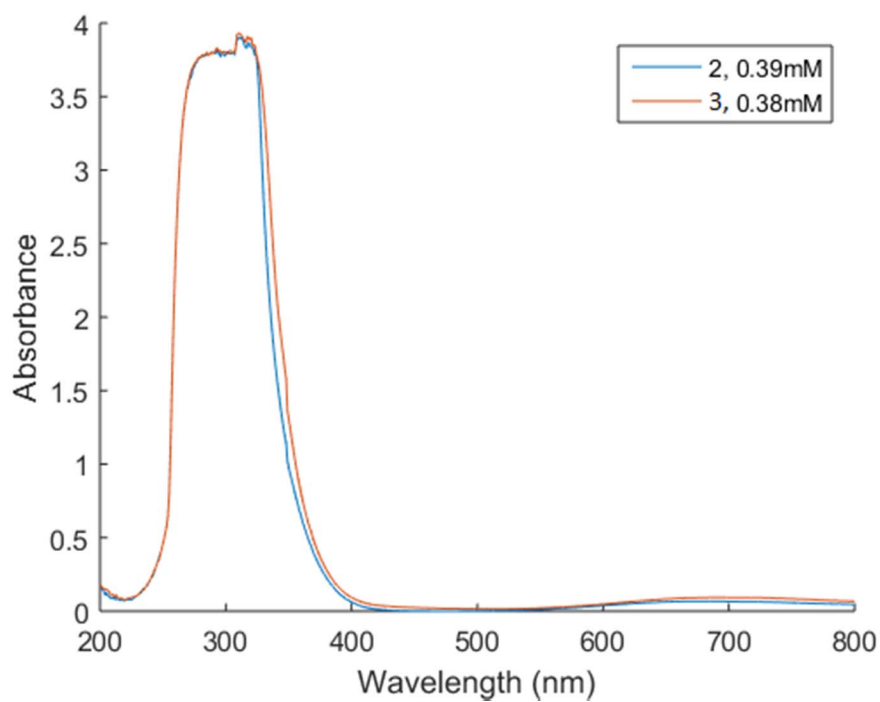
Figure S2 FTIR spectra of complex 3.**Figure S3** UV/Vis spectra of complexes 2 and 3 in DMSO solutions.

Figure S4 UV/Vis spectra amplification in range 400-800 nm of complexes 2 and 3.

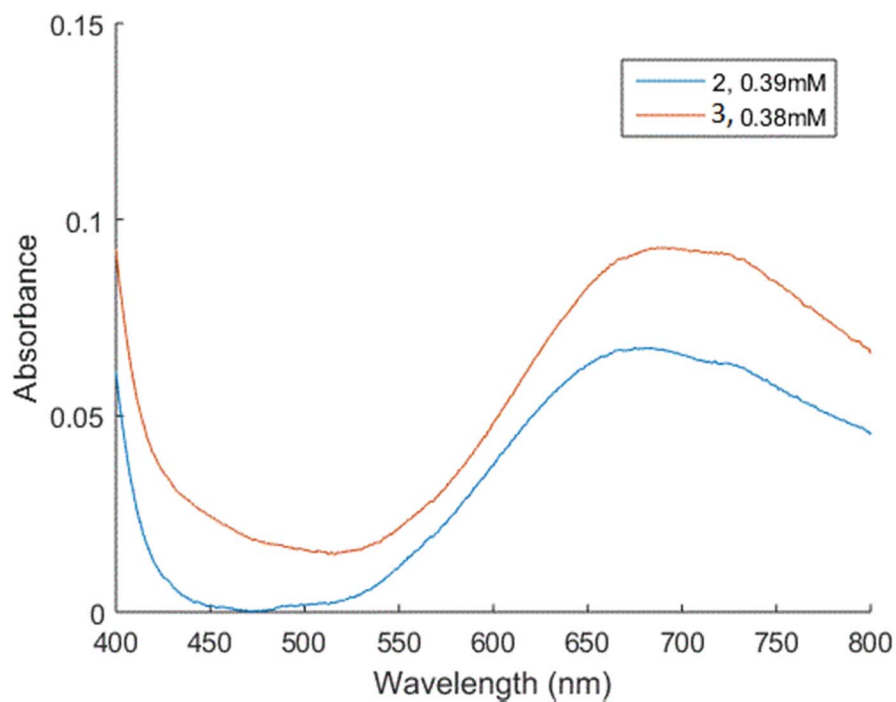


Figure S5 TGA of complex 2.

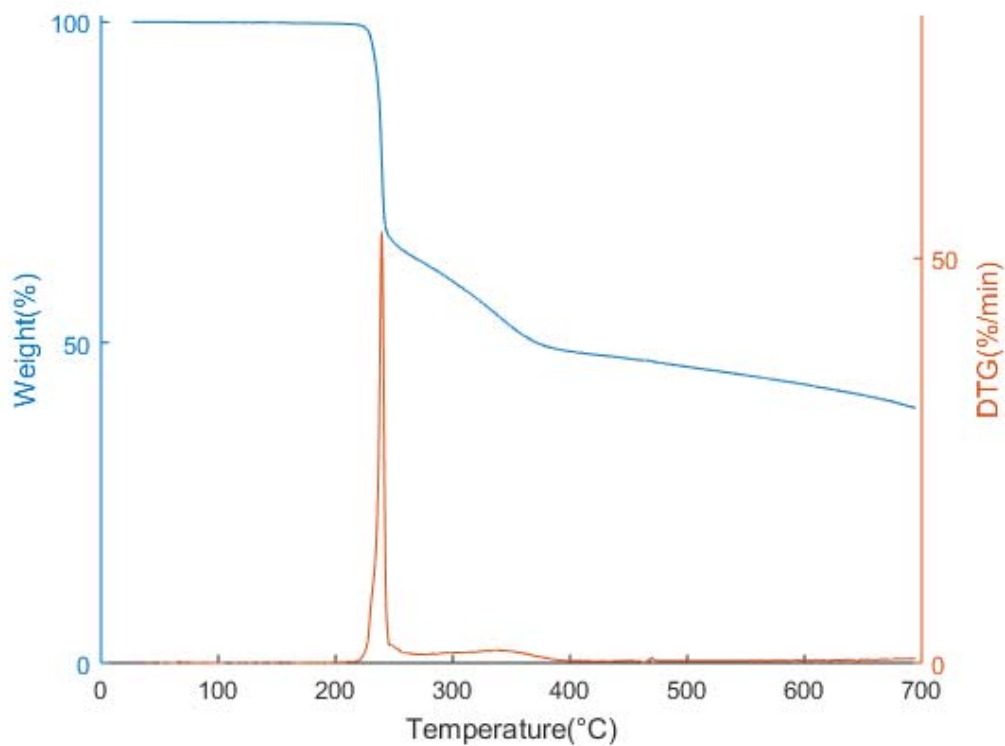
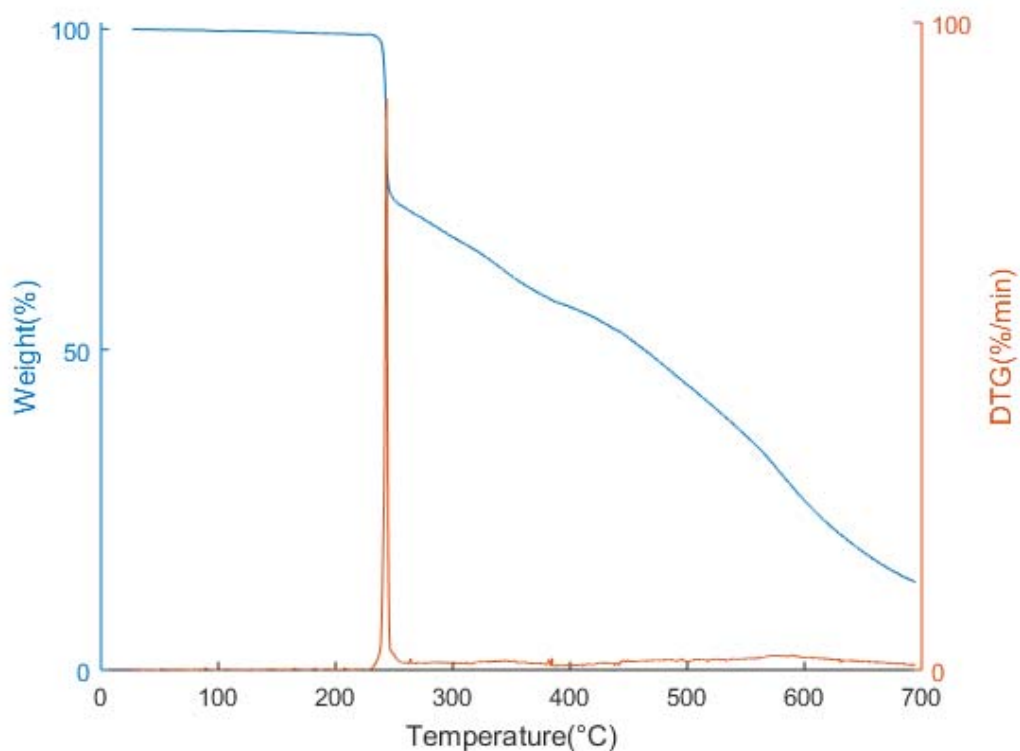
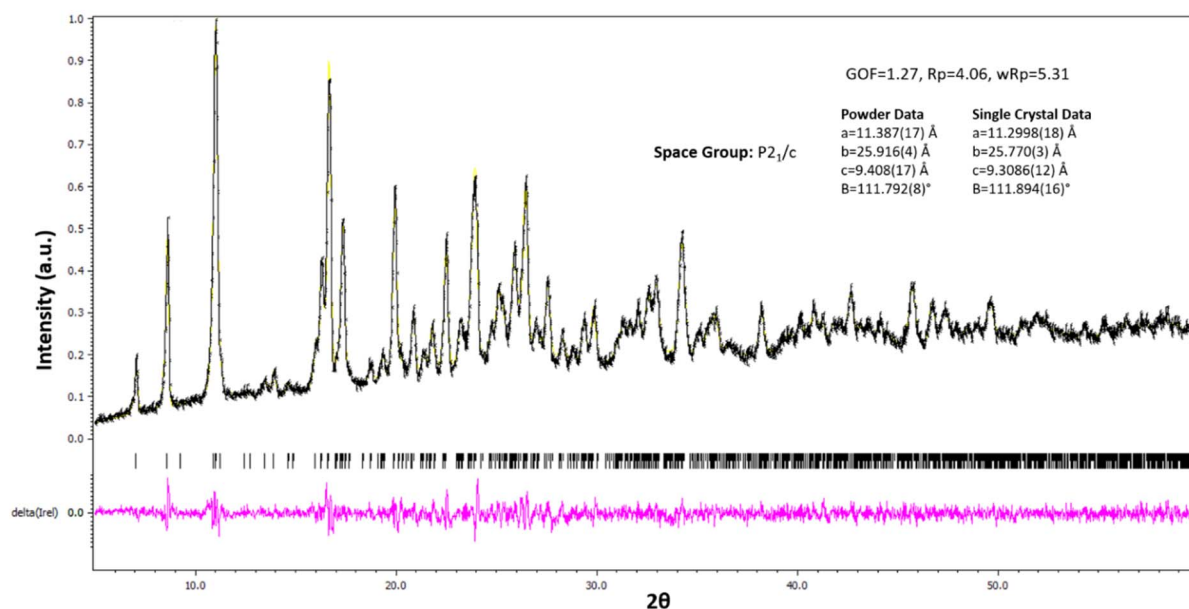


Figure S6 TGA of complex 3.**Figure S7** Graphical result of LeBail analysis of complex 2 using the symmetry of the single crystal.**Figure S8** Graphical result of LeBail analysis of complex 3 using the symmetry of the single crystal.

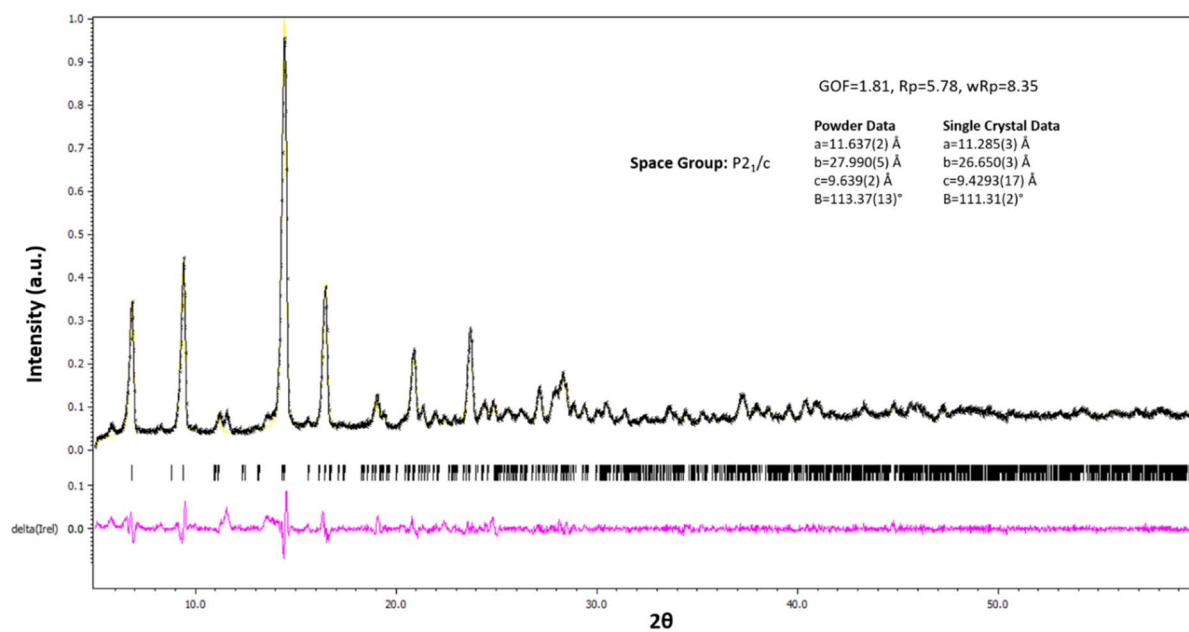


Figure S9 Spin density for high-spin states for complexes 1, 2, 3 and 4. Location of Cu(II) centers is denoted by a black/orange circle.

