Supporting Information

Crystal structure and Hirshfeld surface analysis of a new mononuclear copper(II) complex: [bis(pyridin-2-yl- κN)amine](formato- κO)(m-hydroxybenzoato- $\kappa^2 O$, O 'copper(II)

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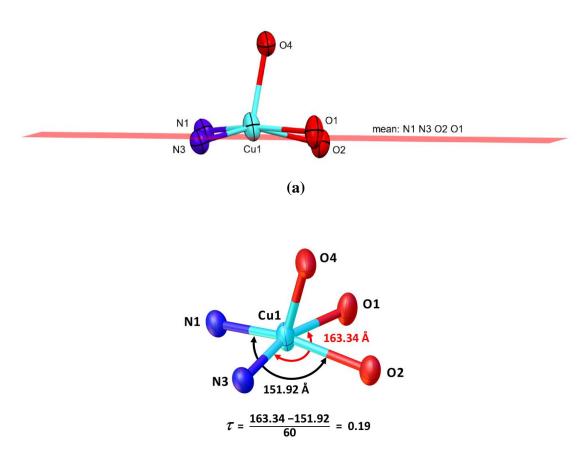


Fig. S1 Views of (a) the Cu^{II} atom lies above the basal plane towards the apical oxygen atom of the formato ligand and (b) the τ_5 parameter of Cu^{II} center in the title complex.

(b)

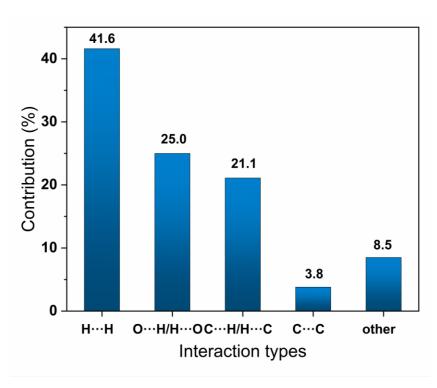


Fig. S2 Quantitative results of different intermolecular contacts contributing to the Hirshfeld surface of the title complex.

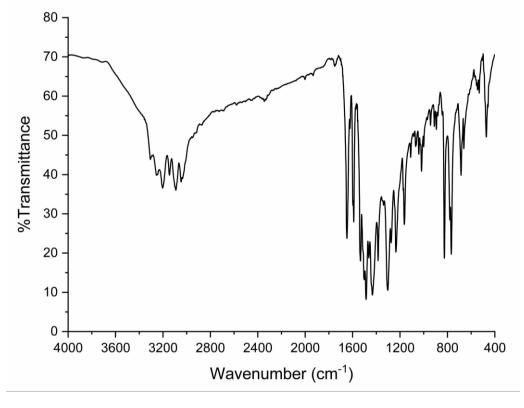


Fig. S3 The FT-IR spectrum of the title complex.

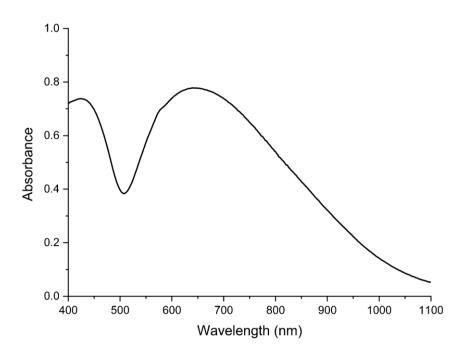


Fig. S4 The solid-state diffuse reflectance spectrum of the title complex.

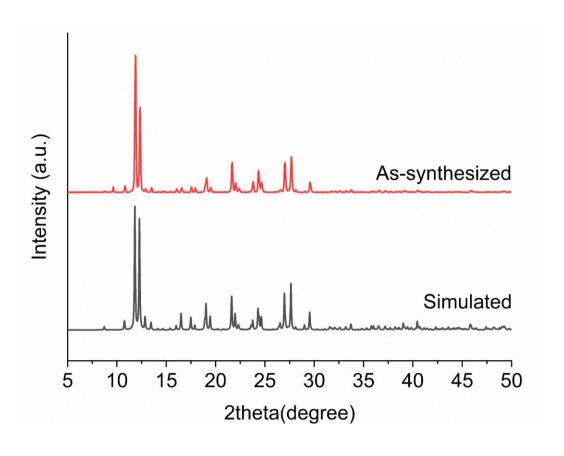


Fig. S5 The powder X-ray diffraction patterns of the title complex.