

Supporting Information

A porous metal organic framework with a rare bcu-type topology involving in situ ligand formation – synthesis, structure, magnetic property and gas adsorption studies

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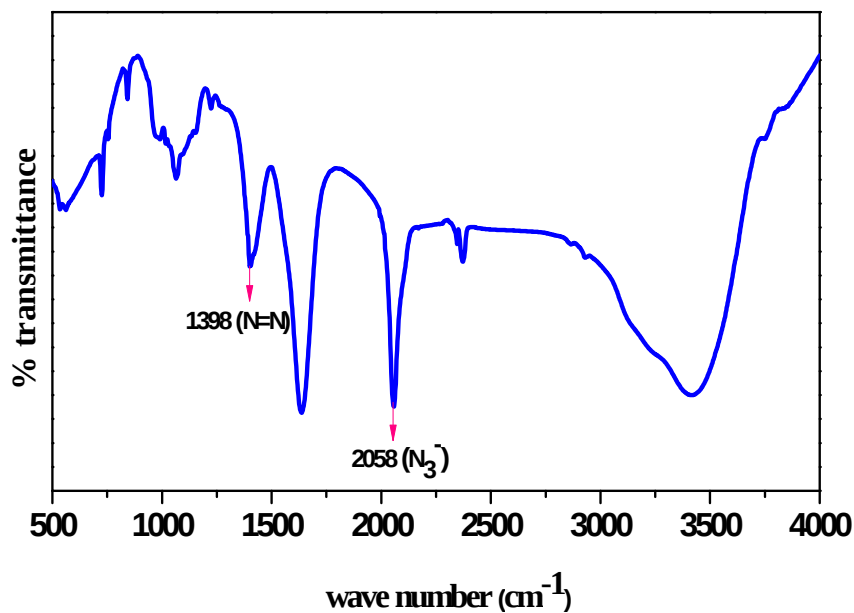


Figure S1. IR spectra of 1.

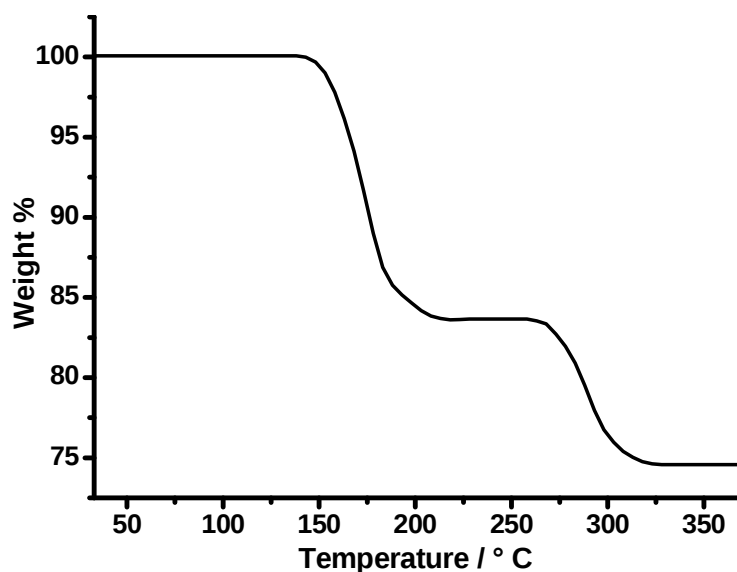


Figure S2. TGA profile for complex 1.

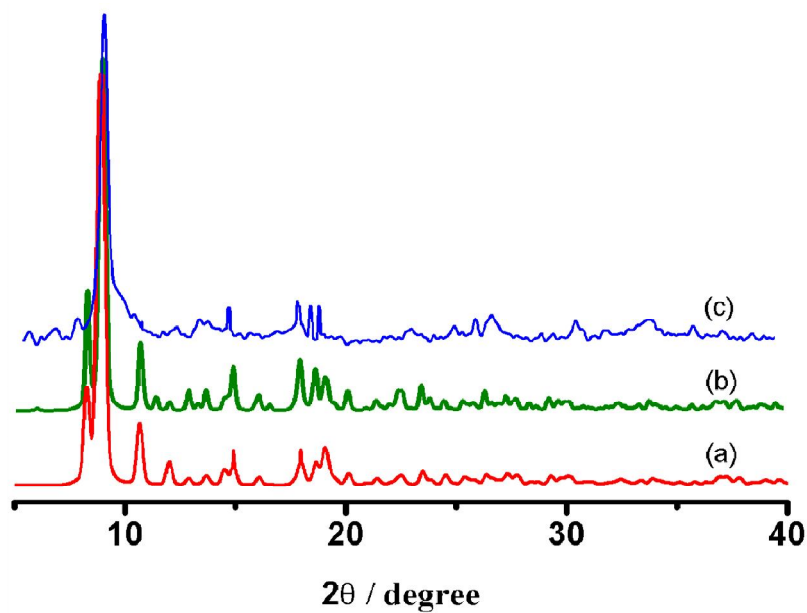


Figure S3. PXRD patterns of **1**; (a) simulated, (b) as-synthesized (c) at 160 °C.

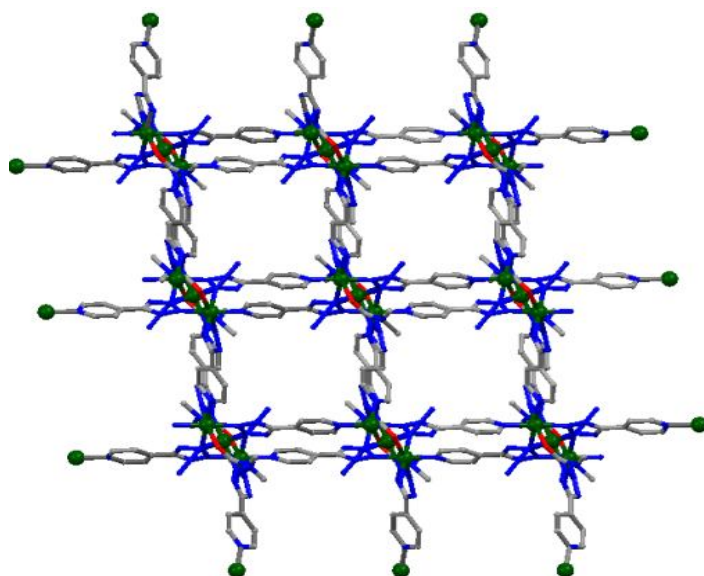


Figure S4. View of the complex extending in 3D to form the framework. Colour codes: blue N, gray C, red O and green Cu.

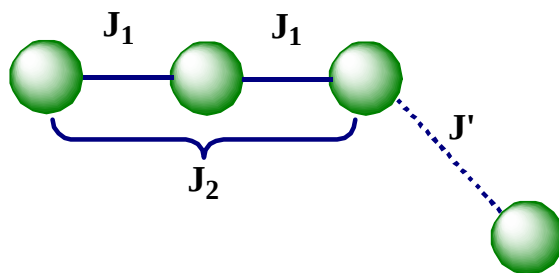


Figure S5. Model used for the magnetic susceptibility data fitting.

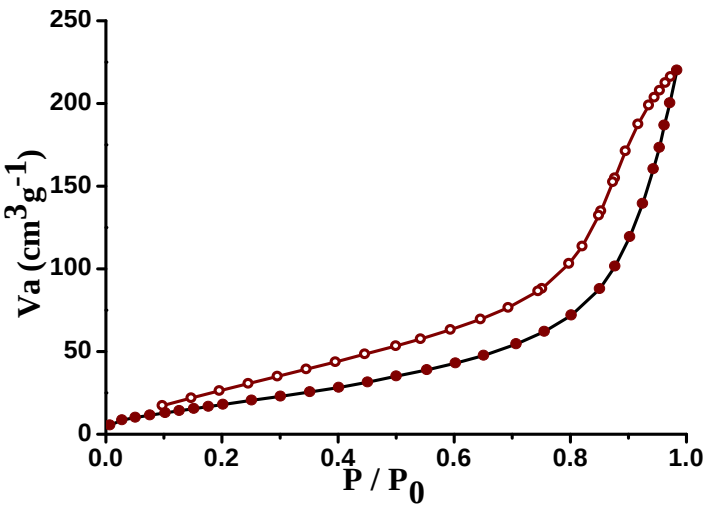


Figure S6. N₂-sorption isotherm at 77 K.