

ELECTRONIC SUPPLEMENTARY INFORMATION

Engineering Coordination Assemblies of Dinuclear Cu^{II} Complexes

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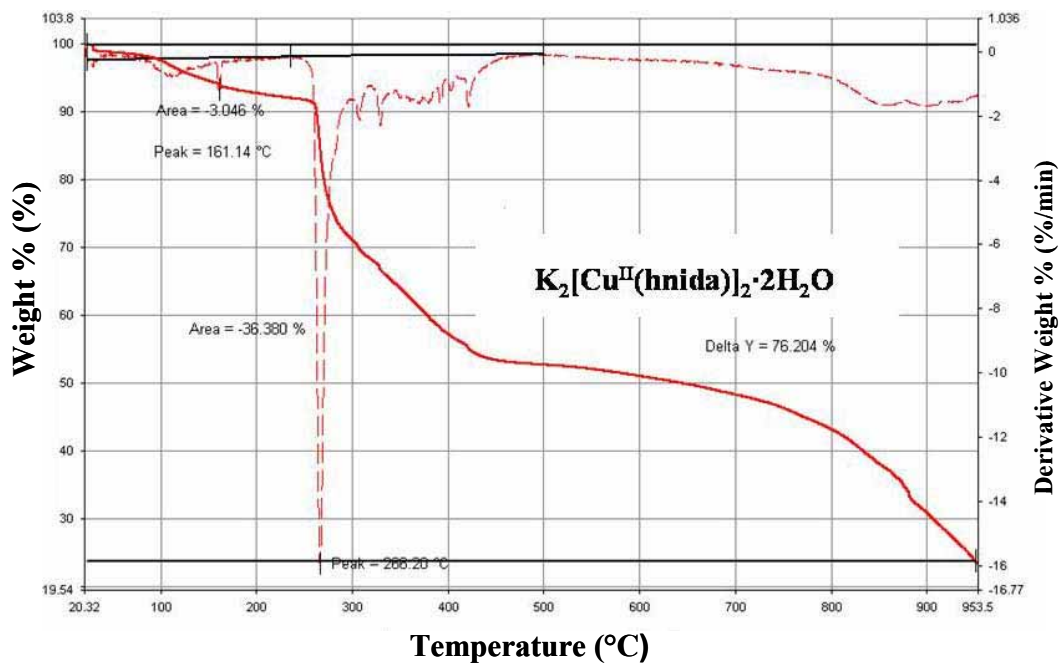


Figure S1a. TGA studies of 1 in nitrogen atmosphere.

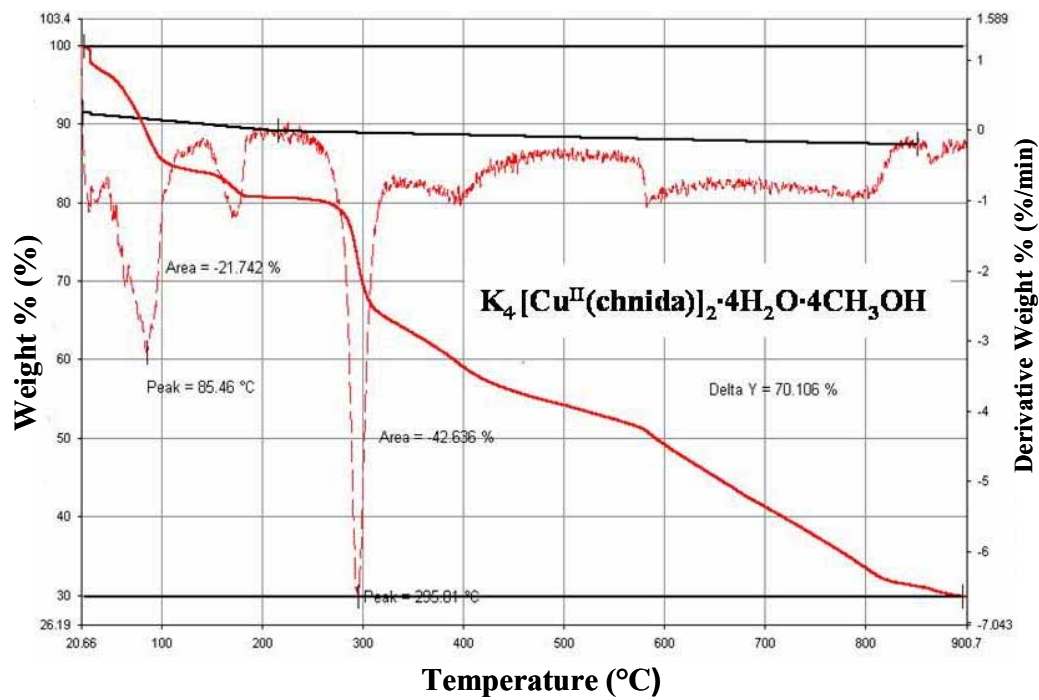


Figure S1b. TGA studies of 2 in nitrogen atmosphere.

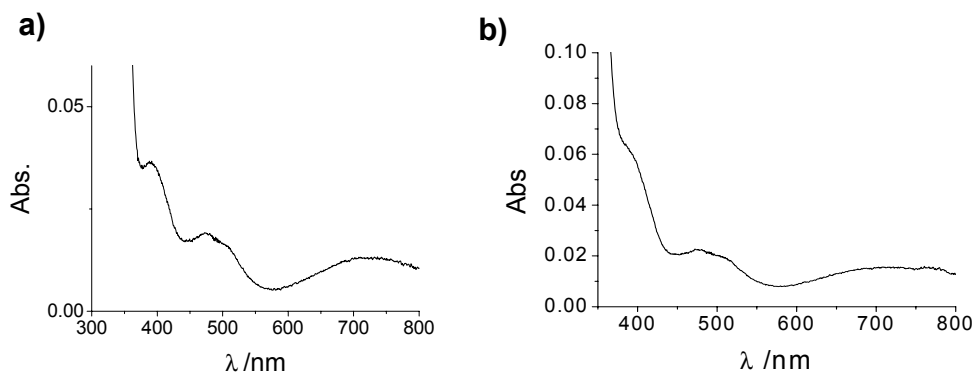


Figure S2. UV-VIS spectra of **1** (a) and **2** (b) in H_2O (0.1 mM)

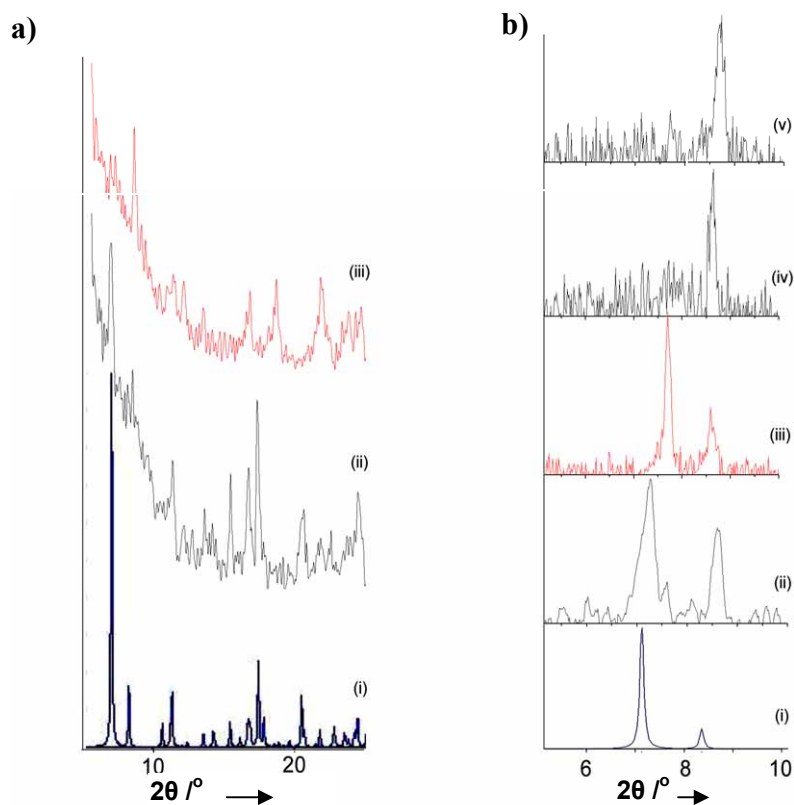


Figure S3. a) XRD pattern of powder of **2** dried at $25^\circ C$ (iii), **2** dried at $25^\circ C$ and treated with methanol (ii) and simulated pattern (i), based on the single crystal diffraction data, b) XRD patterns of a powder of **2**, dried at $25^\circ C$ (v) and consecutively treated with absolute ethanol (iv), 2-propanol/ H_2O (iii), absolute methanol (ii). Simulated XRD pattern of **2**, based on the single crystal structure (i) Intensity scales on the y-axes are given in arbitrary units.

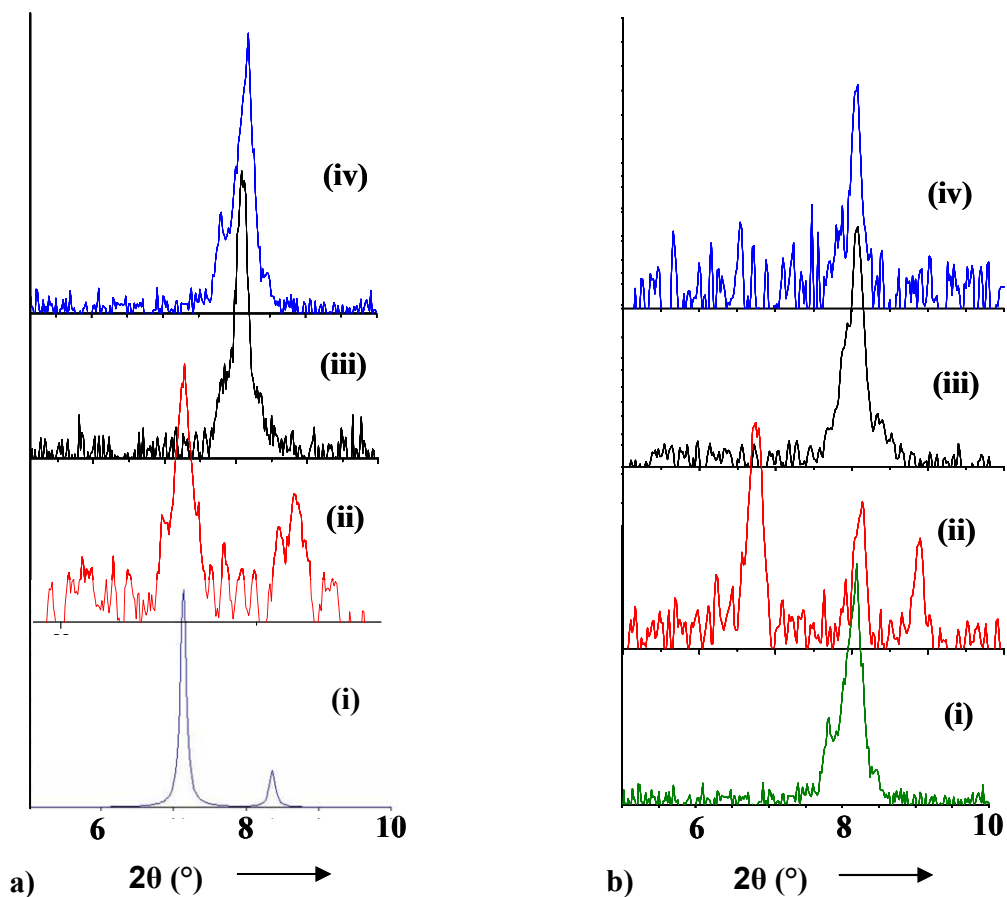


Figure S4. a) XRD pattern of a powder of **2** thermolysed at 80°C (iv) and consecutively treated with absolute ethanol or 2-propanol (iii), methanol (ii), simulated XRD pattern of **2**, based on the single crystal structure (i); b) XRD pattern of powder of **2** thermolysed at 80°C (i) and consecutively treated with DMF (ii), THF (iii) and DMSO (iv). In all graphs intensity scales on the y-axes are given in arbitrary units.

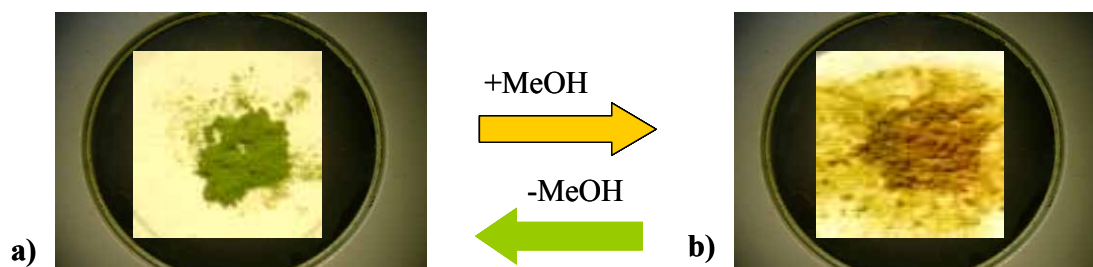


Figure S5. Images of a dried powder of **2** before (a) and after (b) treatment with a few drops of methanol.