

Supporting information

Two unusual mixed-valent trinuclear $\text{Cu}^{\text{II}}_2\text{Cu}^{\text{I}}$ complexes containing copper(I) tribromide dianion as bridging ligand: Identification of an unprecedented doubly hydrogen-bonded water dimer

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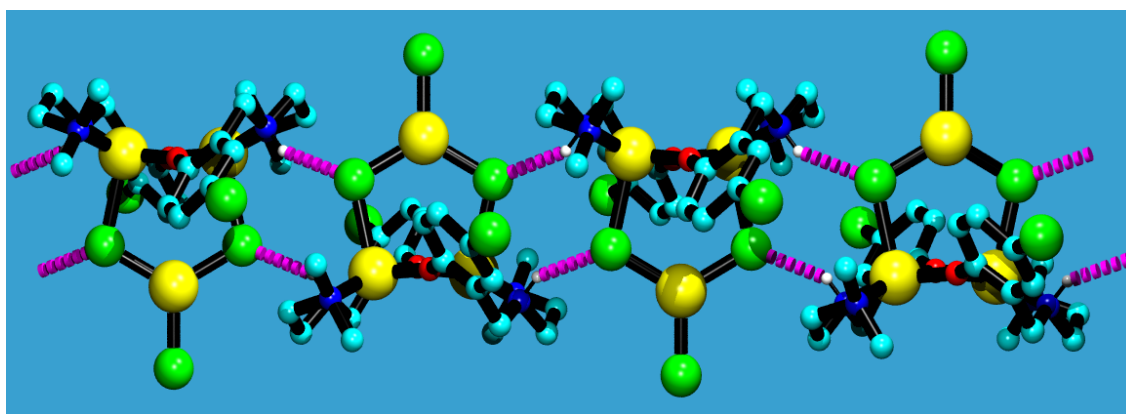


Figure S1. Hydrogen bonding polymeric structure of compound 2.

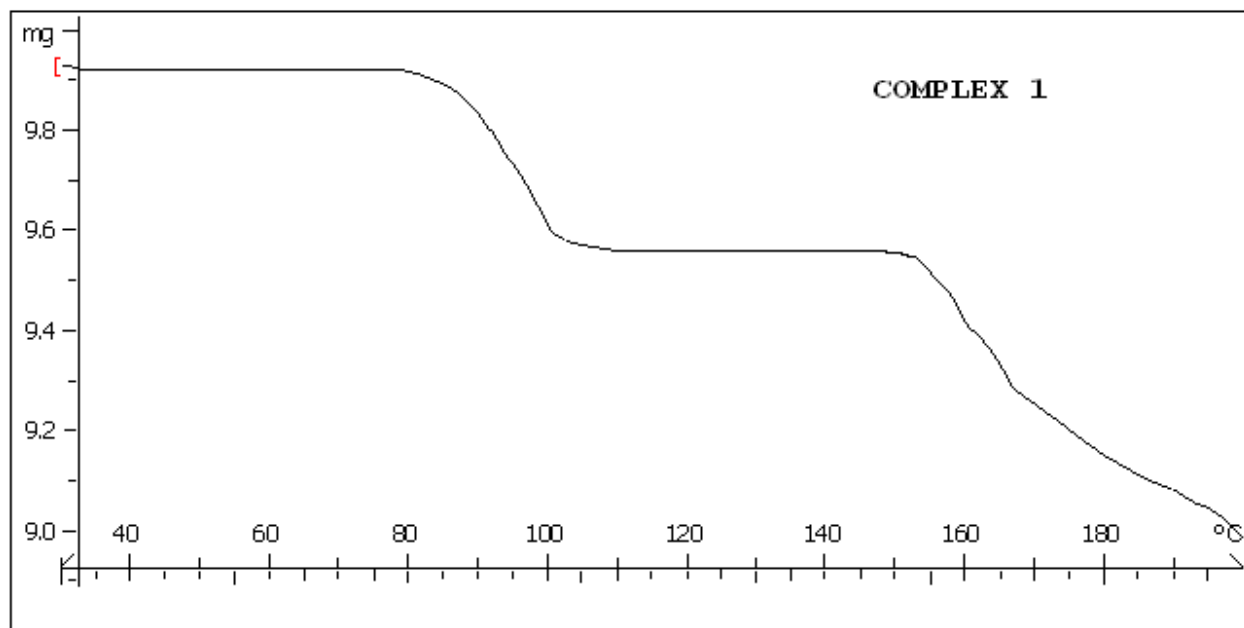


FIGURE S2. TG curve of complex 1.

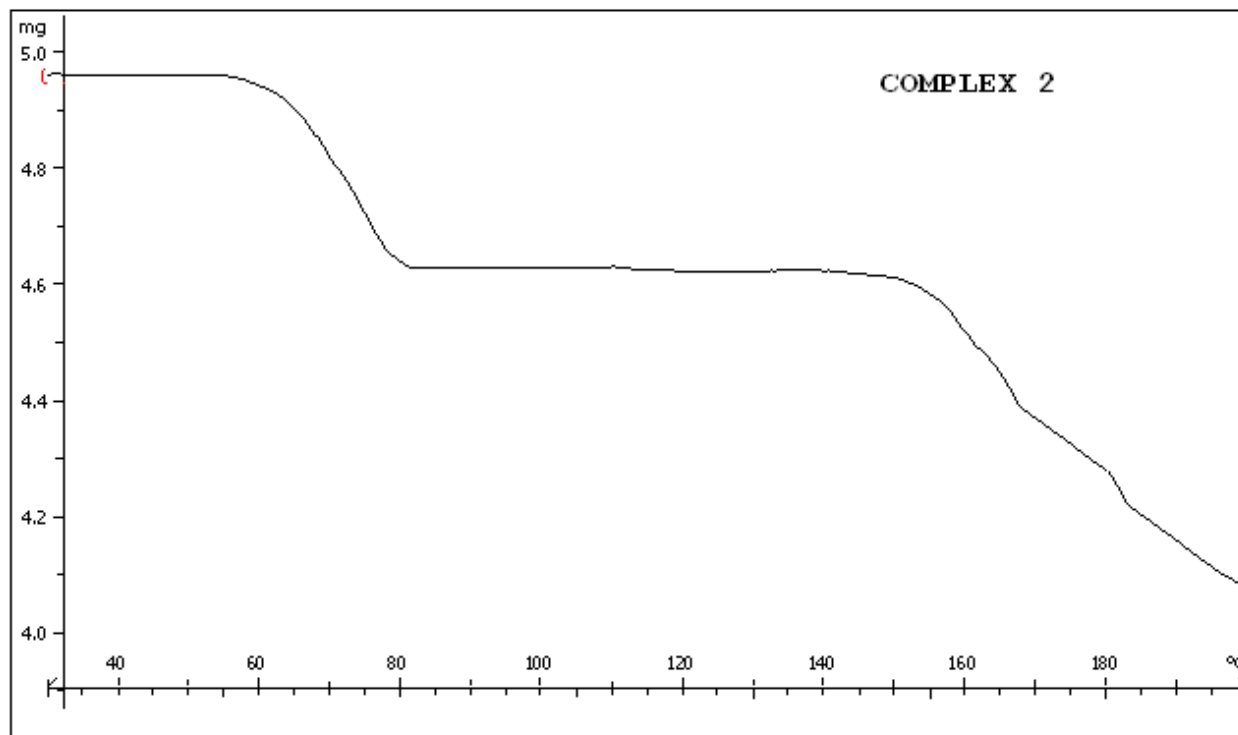


FIGURE S3. TG curve of complex 2.

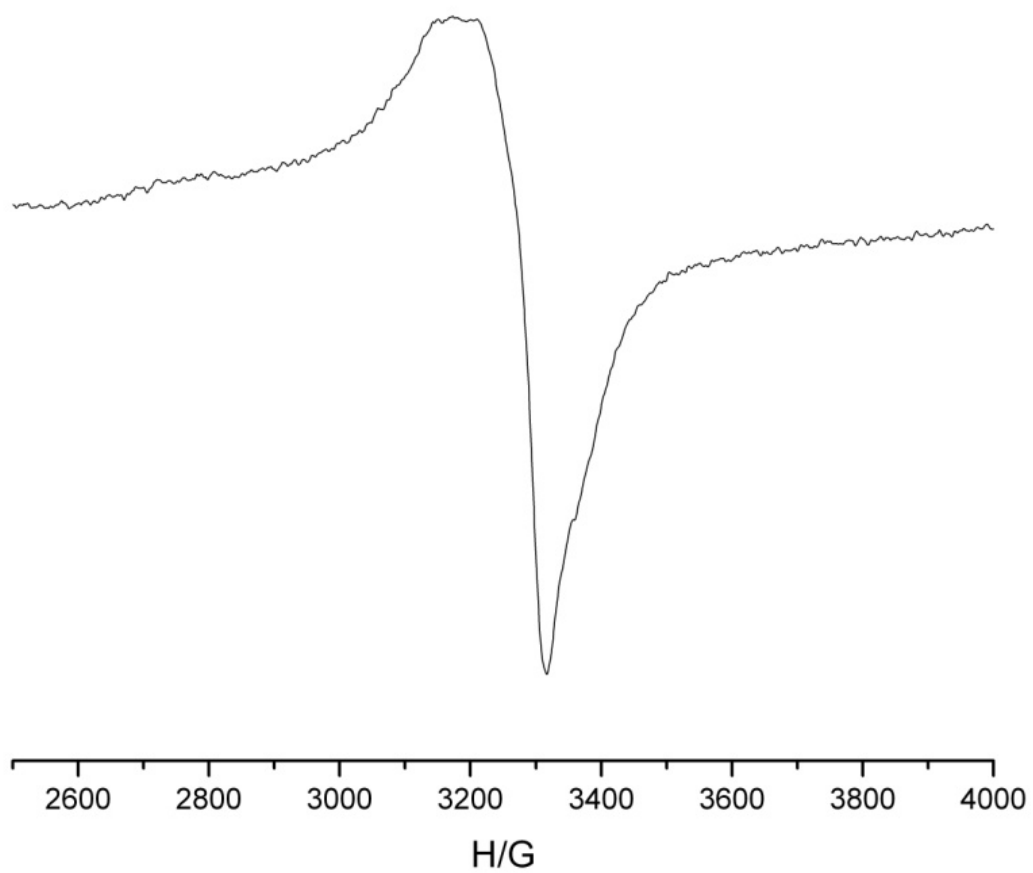


FIGURE S4. X-band EPR spectrum of complex **1** on solid sample at 293 K.

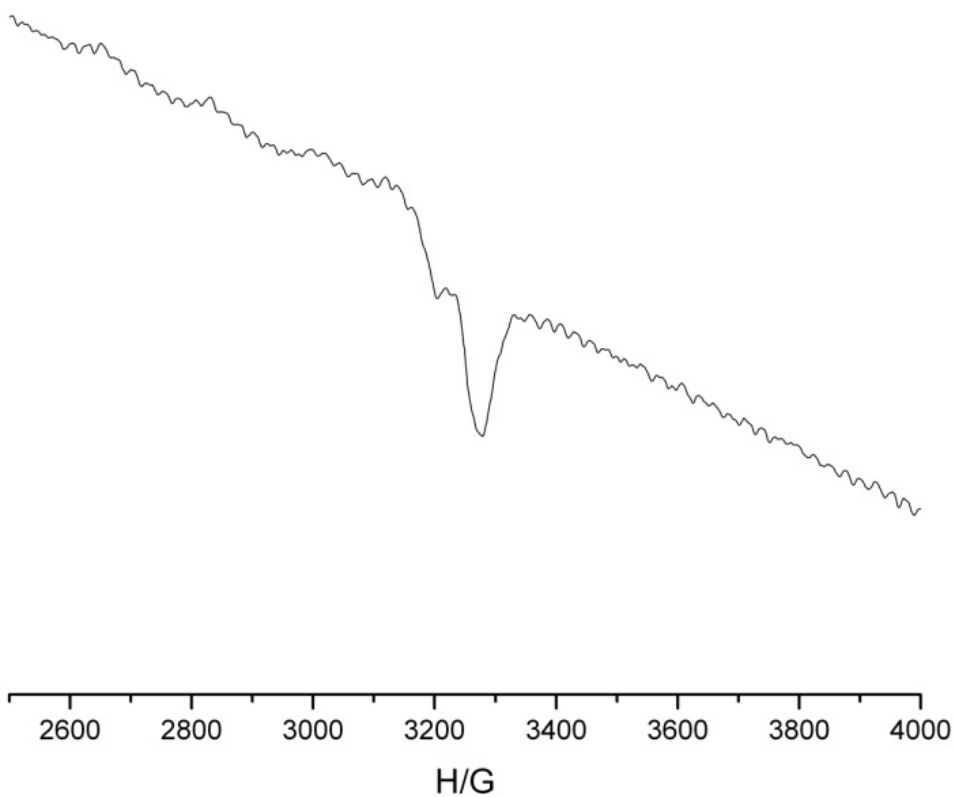


FIGURE S5. X-band EPR spectrum of complex **1** at 77 K in acetonitrile solution.