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SUPPORTING INFORMATION

Title: Copper(I) and Iron(II) Complexes of a Novel Tris(pyridyl)ethane-Derived N_4 Ligand: Aspects of Redox Behaviour and Bioinorganic Physicochemistry

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Copper(I) and Iron(II) Complexes of a Novel Tris(pyridyl)ethane-Derived N4 Lig-and: Aspects of Redox Behaviour and Bioinorganic Physicochemistry

*Dennis Wiedemann, Elżbieta Świętek, Wojciech Macyk, and Andreas Grohmann**

Supporting Information

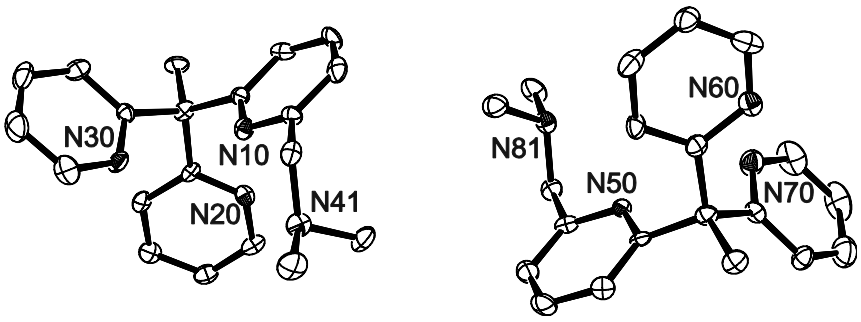

Figure S1. Crystal structure of 1-{6-[1,1-di(pyridin-2-yl)ethyl]pyridin-2-yl}-*N*,*N*-dimethylmethanamine trihydrobromide—water(4/3) (**1** · 3 HBr · ¾ H_2O). ORTEP representation with 50 % probability ellipsoids, hydrogen atoms, bromide ions and water molecules omitted for clarity. All nitrogen atoms except for N10 and N50 are protonated. In order to give physically meaningful ADPs, *ipso*-carbon atoms in rings had to be treated with very tight ISOR restraints.

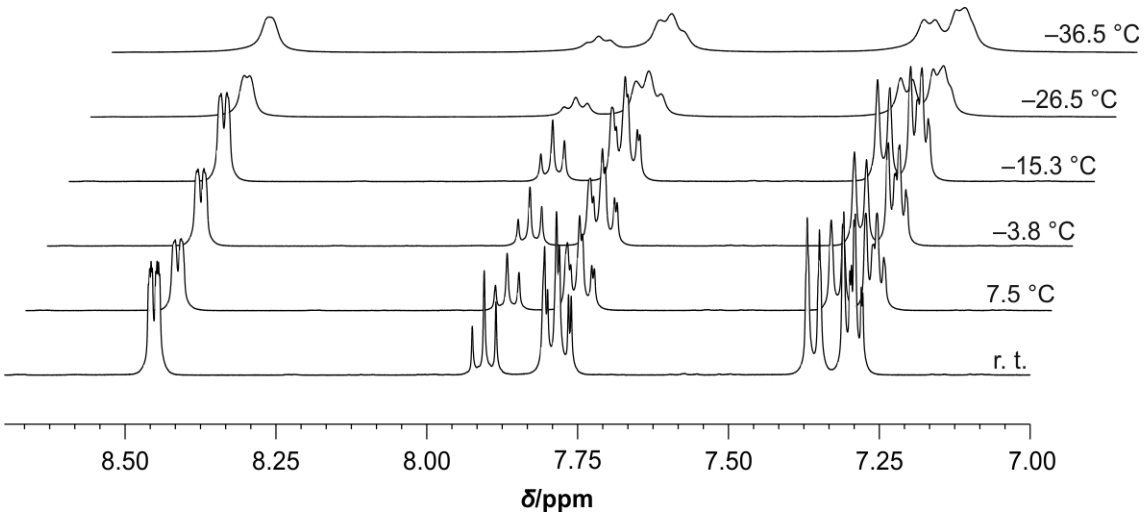

Figure S2. Variable-temperature ^{1}H-NMR spectra of [Cu^{I}L(MeCN)]PF_6 (**2**) in CD_3CN at 400 MHz (range of aromatic protons).