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Methoxy-Substituted Copper Complexes as possible Redox Mediators in Dye-Sensitized Solar Cells

M. Giordano,^a G. Volpi,^a M. Bonomo,^a P. Mariani,^b C. Garino,^{a*} G. Viscardi^a

^a Department of Chemistry, NIS Interdepartmental Centre and INSTM Reference Centre, University of Turin, 10125 Turin, Italy

^b CHOSE and Dept. of Electronic Engineering, University of Rome “Tor Vergata”, via del Politecnico 00133 Rome, Italy.

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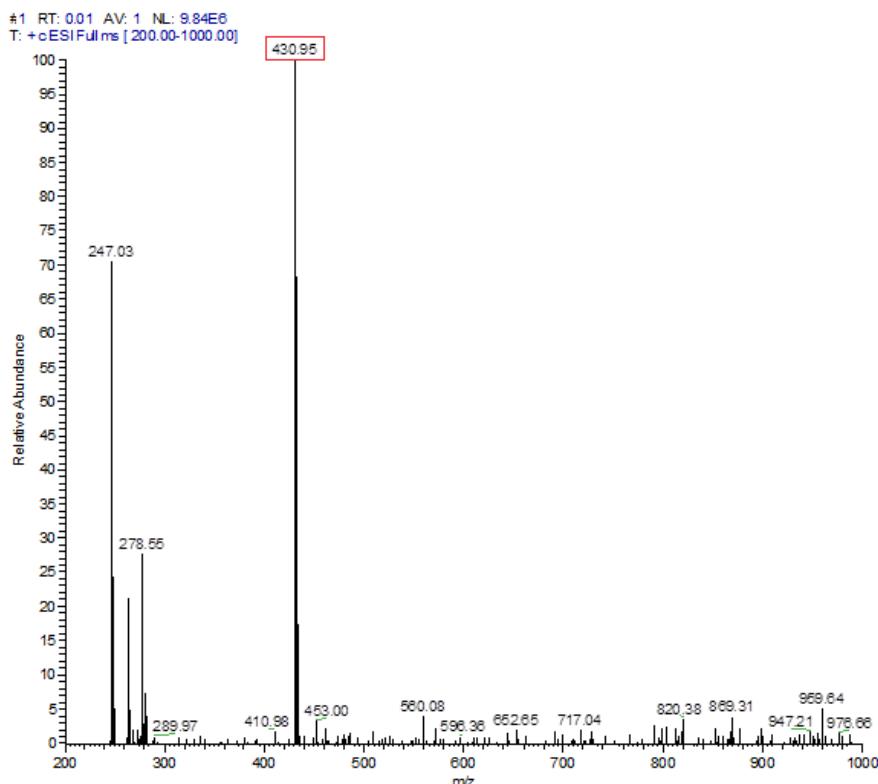


Fig. S1 ESI-MS spectrum of electrolyte solution based on **1a**. The spectrum proves as no coordination equilibria involving the 4-*tert*-butylpyridine are present.

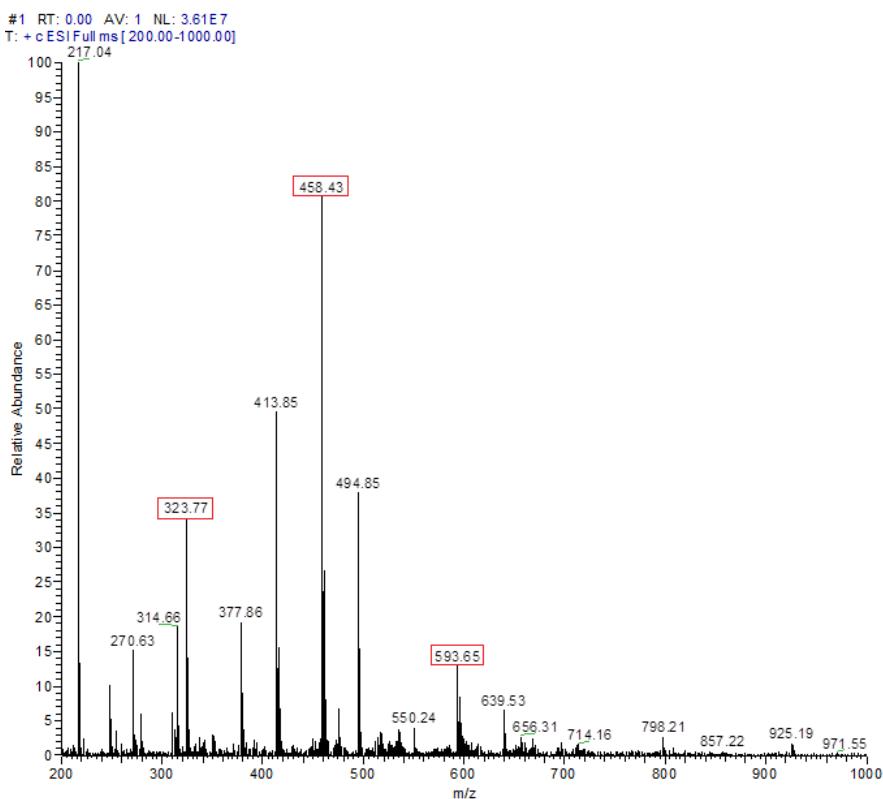


Fig. S2 ESI-MS spectrum of electrolyte solution based on **2a**. In the spectrum we can observe the presence of three signals that prove the coordination equilibria involving the 4-*tert*-butylpyridine (593, 458, 323 m/z).

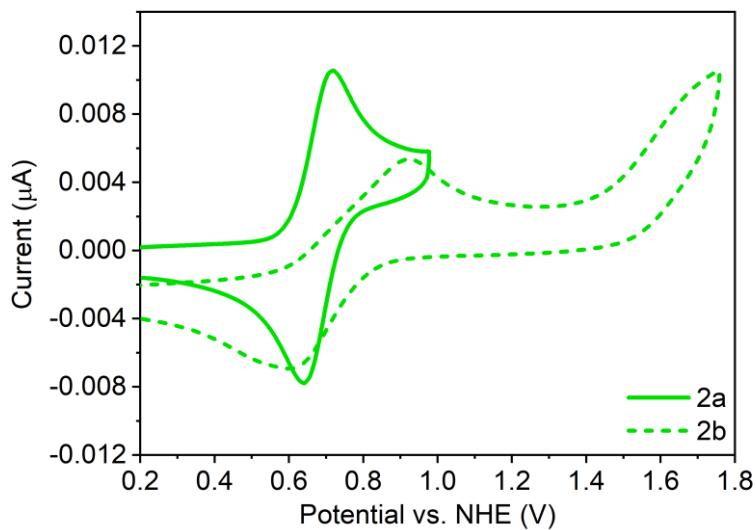


Fig. S3 Cyclic voltammograms of **2a** and **2b**. Measurements have been performed in 0.1 M tetrabutylammonium hexafluorophosphate/dichloromethane. Scan rate 200 mV/s. Potentials are referenced to NHE.

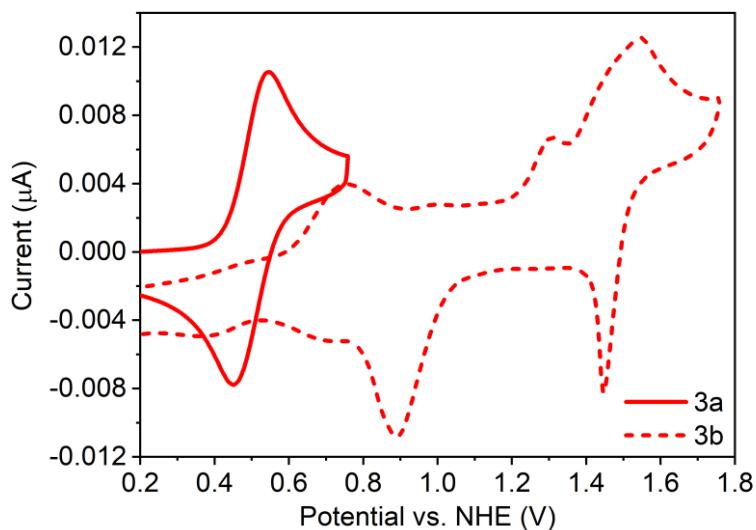


Fig. S4 Cyclic voltammograms of **3a** and **3b**. Measurements have been performed in 0.1 M tetrabutylammonium hexafluorophosphate/dichloromethane. Scan rate 200 mV/s. Potentials are referenced to NHE.