

ESI for:

Organic rectifying junctions from an electron-accepting molecular wire and an electron-donating phthalocyanine

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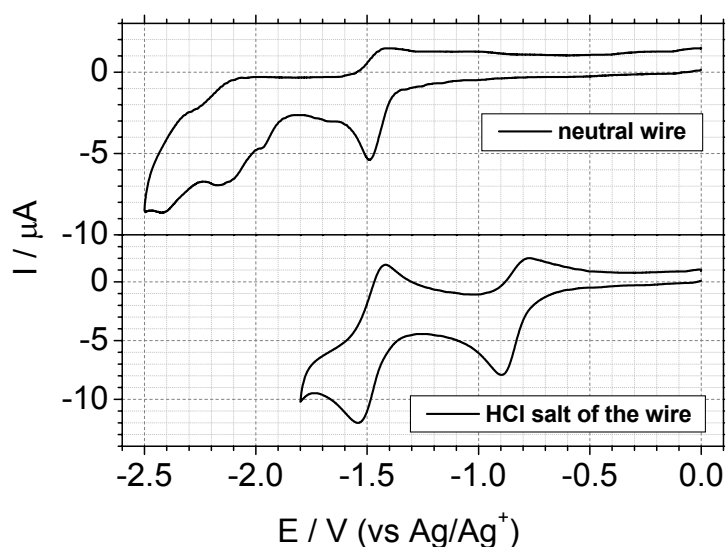


Fig. 1 Cyclic voltammograms of the neutral molecular wire and its HCl salt, the CV measurements being performed on anhydrous DMF solutions containing 0.1 M tetrabutylammonium hexafluorophosphate, using a Pt disk ($\Phi = 1.6$ mm) working electrode, a Pt wire counter electrode, an $Ag/AgNO_3$ non-aqueous (acetonitrile) reference electrode, and scanned at 100 mV/sec.

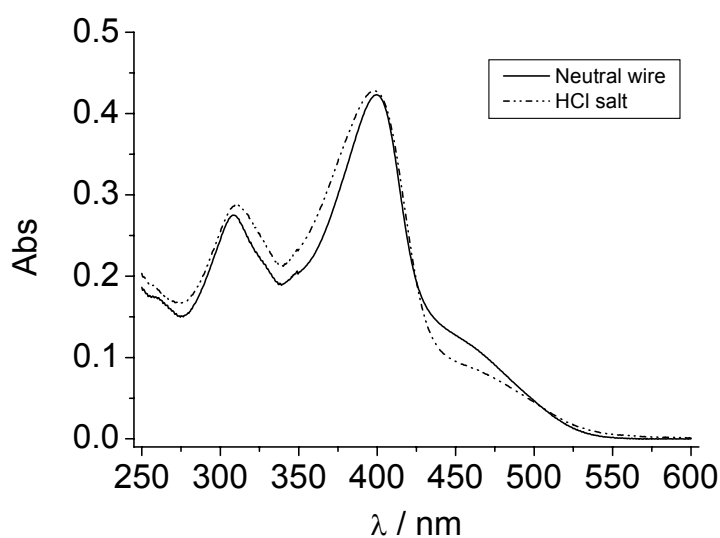


Fig. 2 UV-Vis absorption spectra of the neutral molecular wire and its HCl salt in chloroform solution.

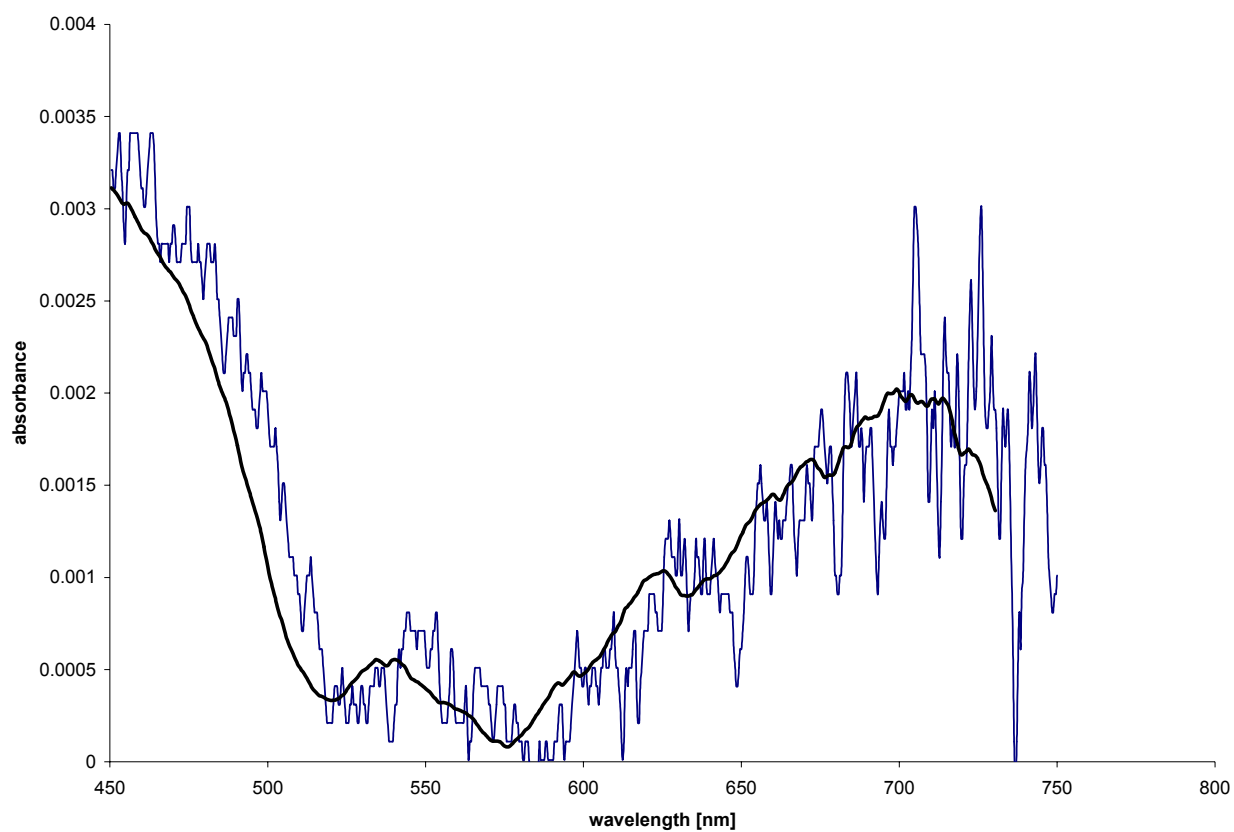


Fig. 3 Visible absorption spectrum of the rectifying structure on a platinum coated glass substrate, the absorbance of the latter being subtracted to reveal the phthalocyanine Q-band at *ca.* 700 nm and the main transition of the protonated wire with $\lambda_{\text{max}} < 450$ nm.