

Experimental Evidence for Carbonyl- π Electron Cloud Interactions

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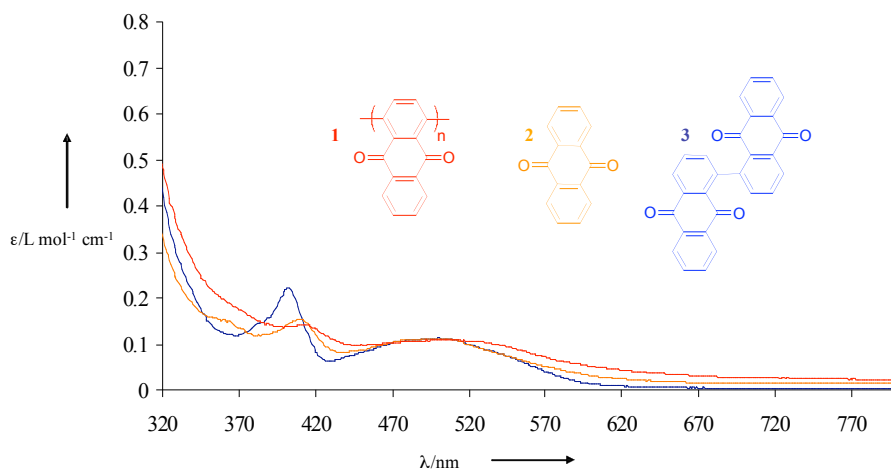


Fig. S1 UV-vis spectra of fully reduced poly(9,10-anthraquinone-1,4-diyl) **1**, 9,10-anthraquinone **2** and 1,1'-bis(9,10-anthraquinone) **3** in NMP.

UV-vis spectroscopy of 1,4-diarylanthraquinones.

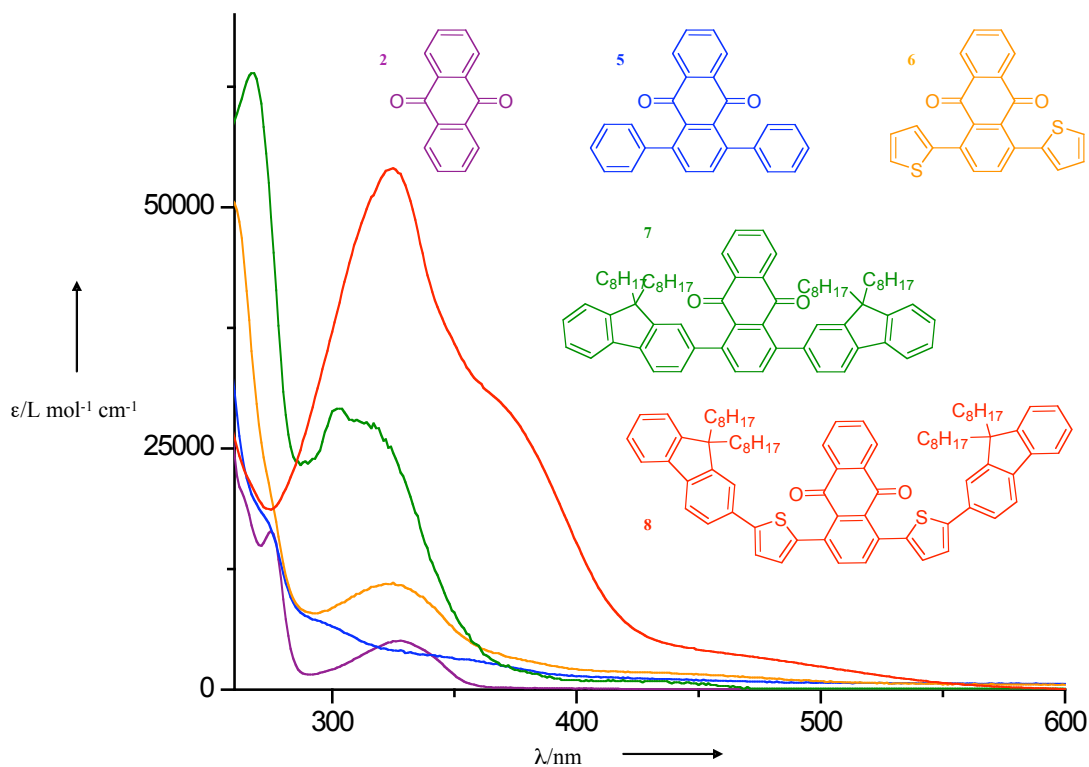


Fig. S2 UV-vis spectra of the different model compounds in chloroform.

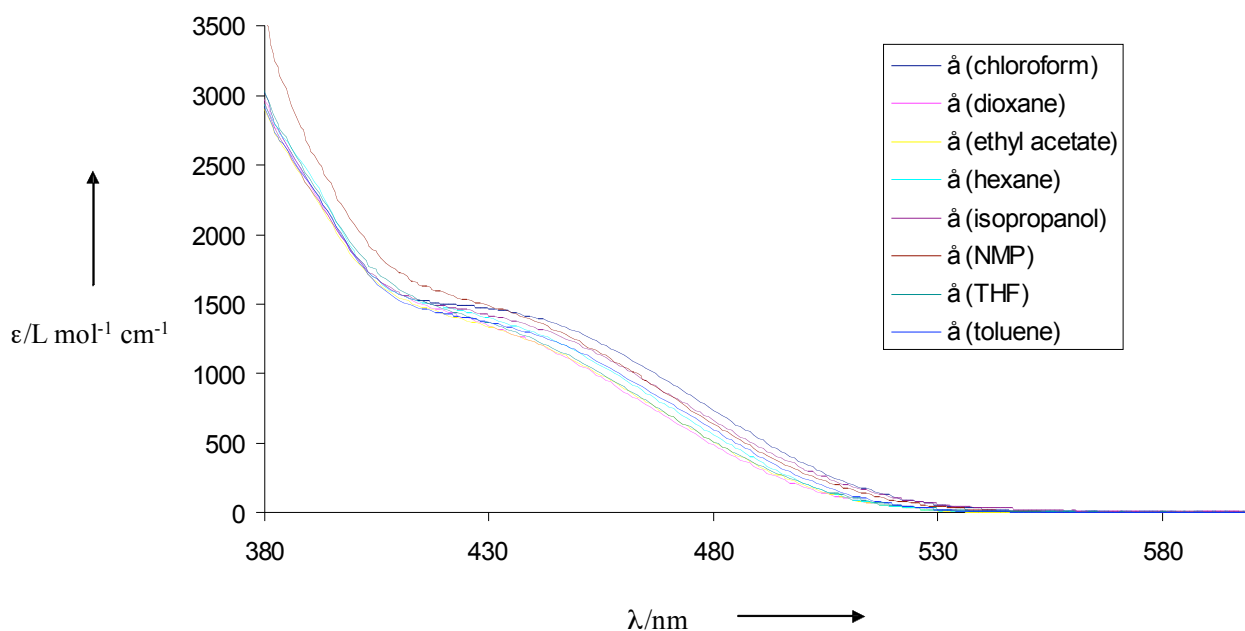


Fig. S3 Study of the Charge Transfer transition in the UV-vis spectra of model 7 in various solvents.

CV traces of 1,4-diarylanthraquinones.

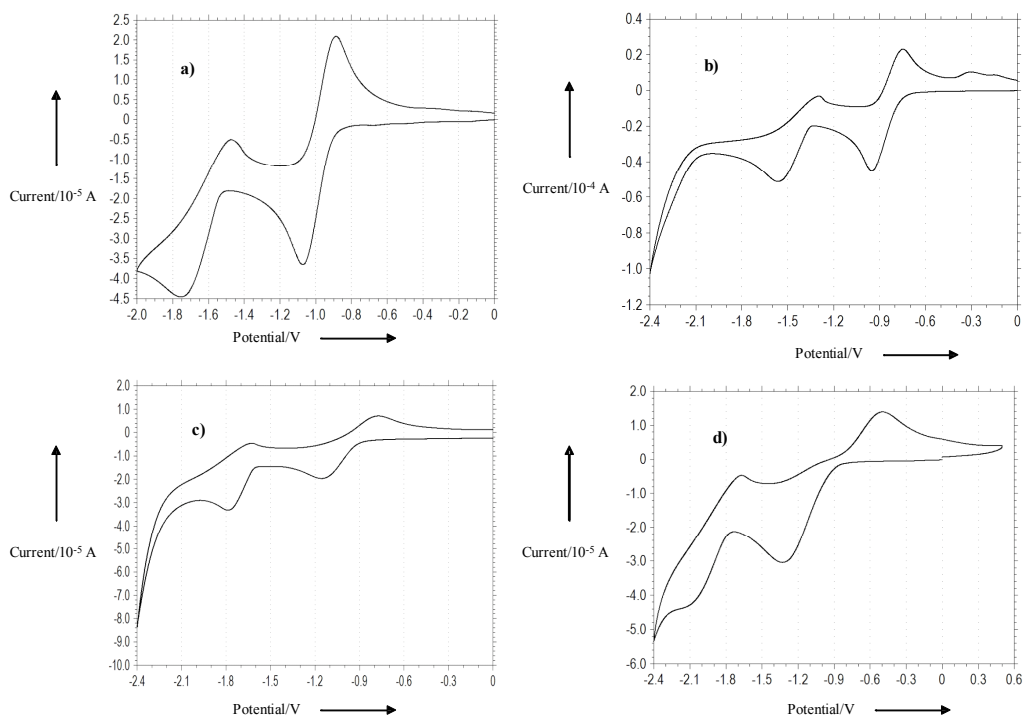


Fig. S4 CV of models **5** (a), **6** (b), **7** (c) and **8** (d) (3 mmol.L^{-1}) in TBAPF₆ (0.1 mol.L^{-1}) solution in degassed anhydrous DCM (scan rate: 0.1 V.s^{-1}), vs Ag/AgCl.