

Low Power, Non Coherent Sensitized Photon Up-conversion: Modelling and Perspectives. (Electronic Supplementary Informations)

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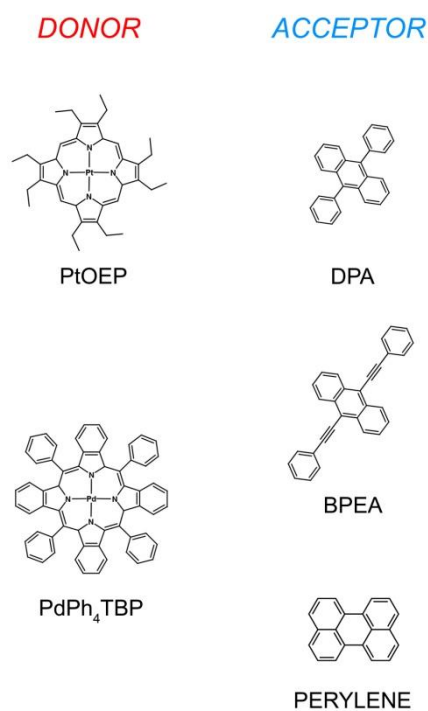


Fig. ESI1 – Molecular structures of donors (*Pt(II) octaethylporphyrin*, PtOEP - *Pd(II) meso-tetraphenyltetrabenzoporphyrin*, PdPh₄TBP) and acceptors (*9,10 diphenylanthracene*, DPA - *perylene*, PERYL - *9,10-bis(phenylethynyl) anthracene*, BPEA) exploited in experiments presented in Fig. 2, 3, 6, 7 and 8.

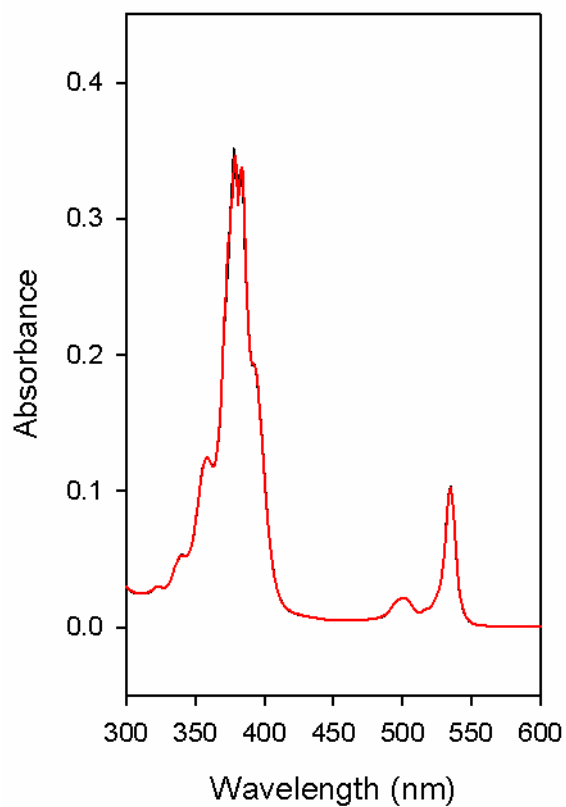


Fig.ESI2 - Uv-VIS absorption spectra of a DPA(10^{-3} M) and PtOEP (10^{-4} M) solution in de-oxygenated THF, freshly prepared (black line) and after high intensity pulsed 532 nm excitation (15 Hz, 200 mW cm^{-2} per pulse, red line). No difference in the absorption spectra is detected, demonstrating the photostability of selected dyes.