

Supplementary Data

Optical Detection of Bromide Ions Using Pt(II)-5,10,15,20-Tetra-(4-methoxy-phenyl)-porphyrin

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Investigation of the Stability of PtTMeOPP Solution in THF in Different pH Media

3.1.1. Acidic Media

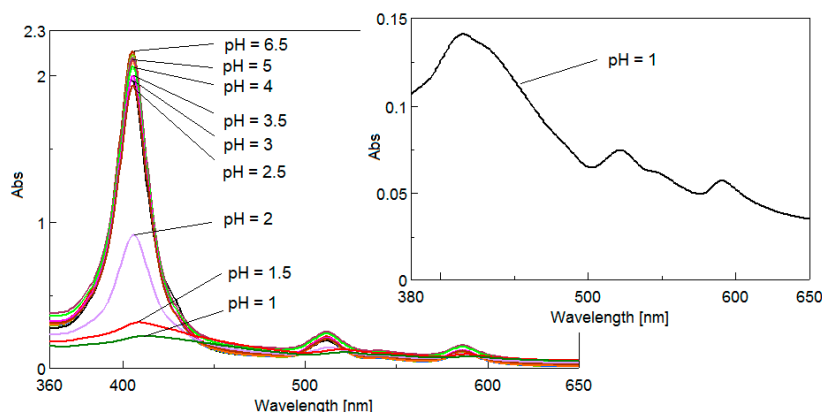


Figure S1. Overlapped UV-vis spectra after successive adding of 0.5 N HCl solution to PtTMeOPP solution in THF. Detail: Spectrum for the solution at pH = 1.

3.1.2. Basic Media

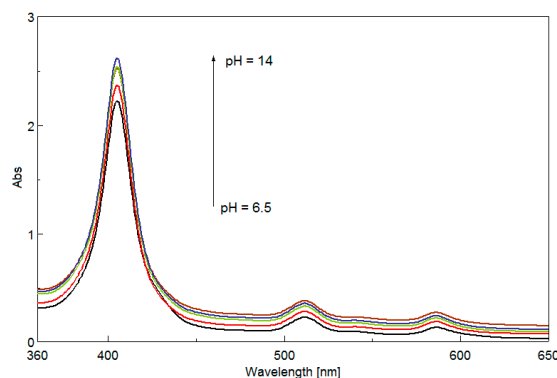


Figure S2. Overlapped UV-vis spectra after increasing the basicity of the PtTMeOPP solution in THF.

3.1.3. Phosphate Buffered Solution

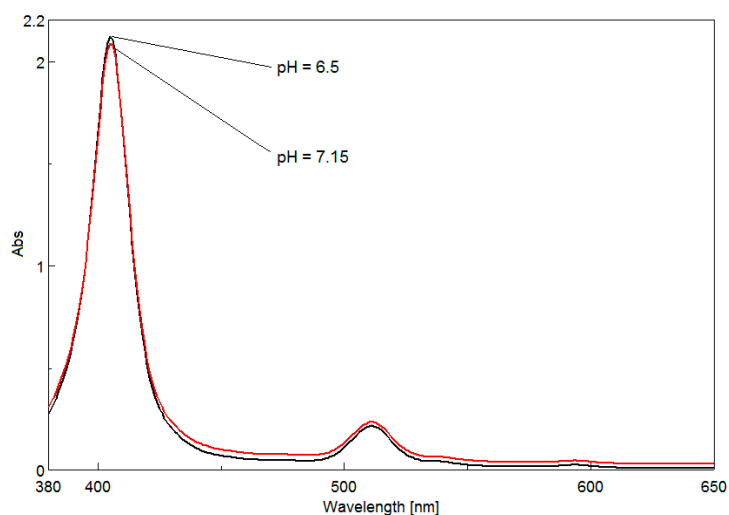


Figure S3. The influence of phosphate buffer solution on the shape and intensity of the PtTMeOPP UV-vis spectrum.

AFM Studies Concerning the Aggregation Properties of Pttmeopp at The Interface of Different Solvents/Air on Silica Plates

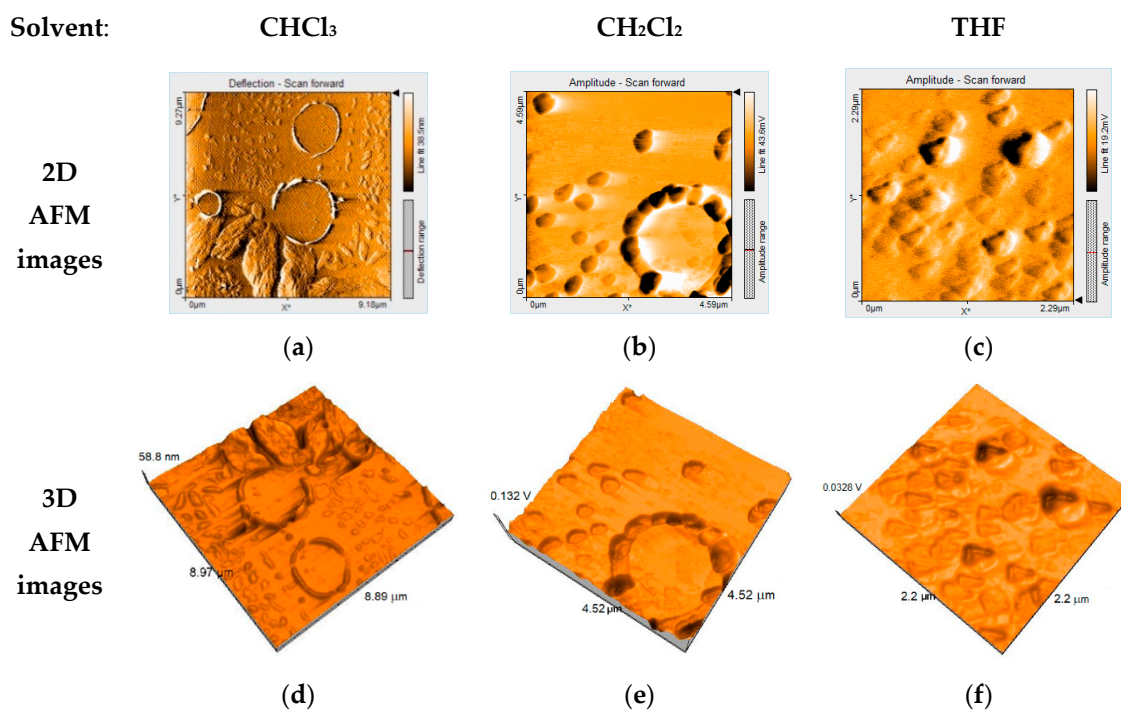


Figure S4. AFM images of PtTMeOPP deposited from different solvents by drop-casting.

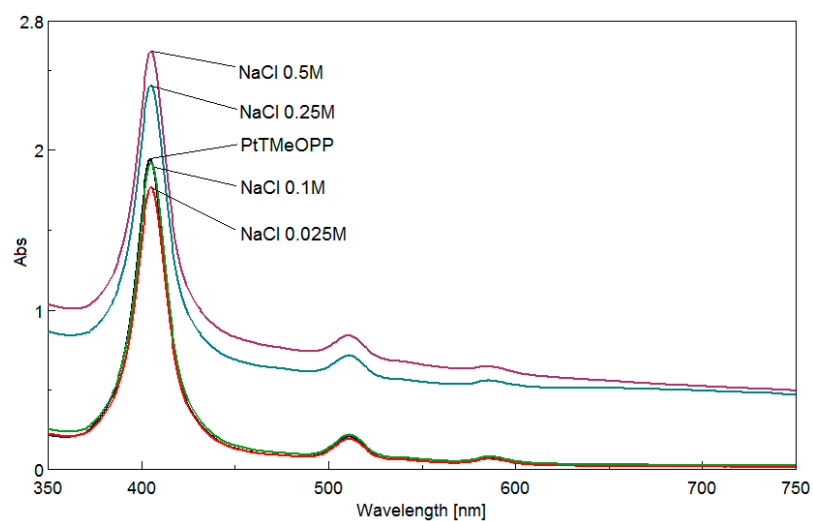


Figure S5. Influence of the ionic strength upon the UV-vis spectrum of PtTMeOPP in THF solution.