

Supplementary information for A spectroscopic and
computational study of β -ethynylphenylene
substituted zinc and free-base porphyrins

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The experimental FT-IR and FT-Raman spectra for the free-base and Zn
compounds are shown.

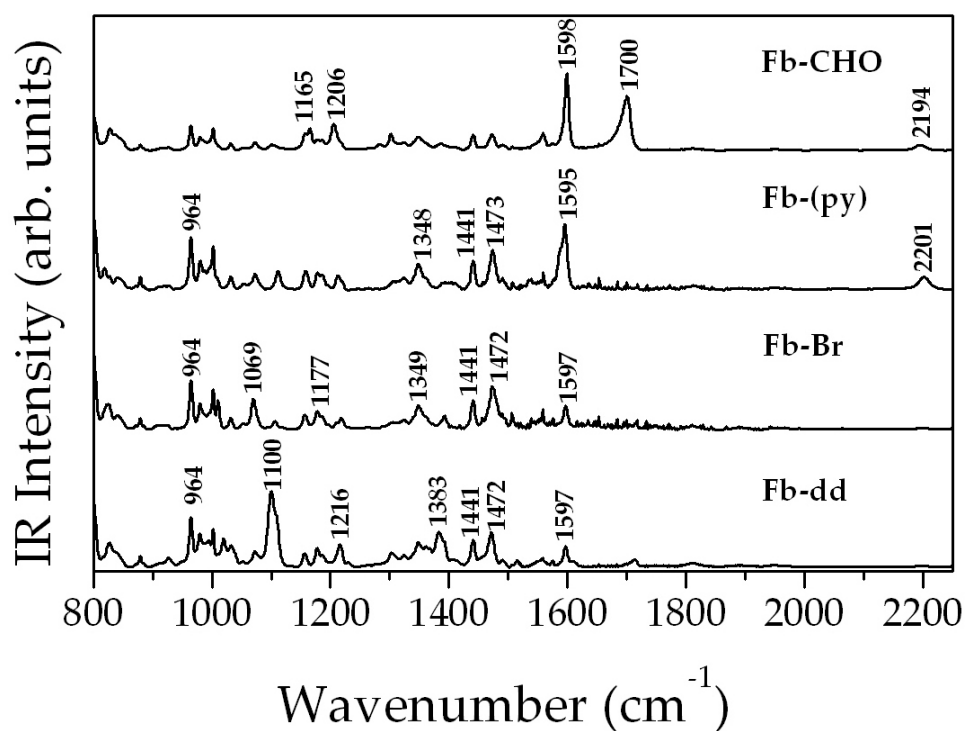


Figure 1: The experimental infrared spectra for free base porphyrins (Figure 1 main text), measured as solid state samples as described in the experimental section of the main text.

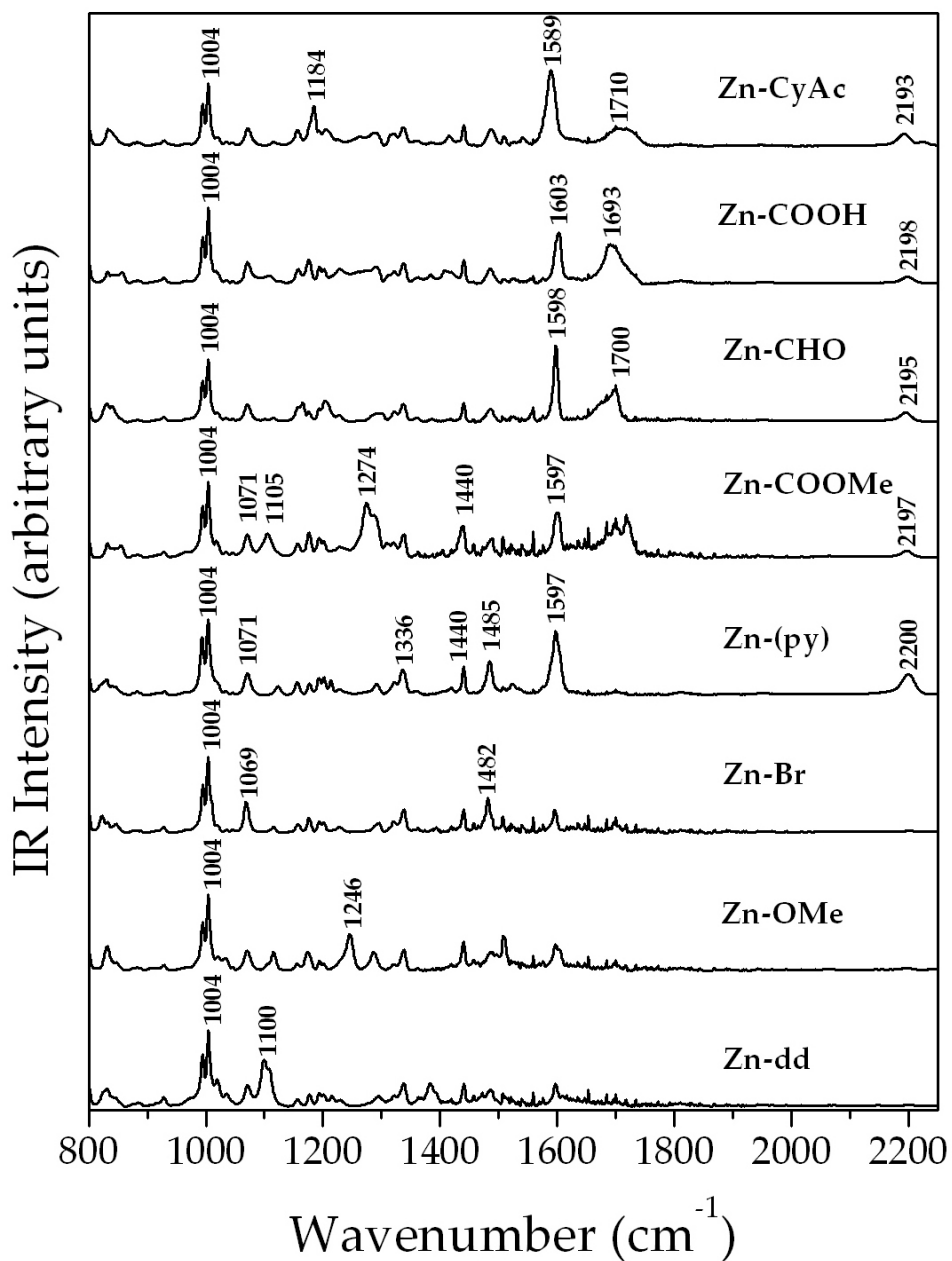


Figure 2: The experimental infrared spectra for zinc porphyrins (Figure 1 main text), measured as solid state samples as described in the experimental section of the main text.

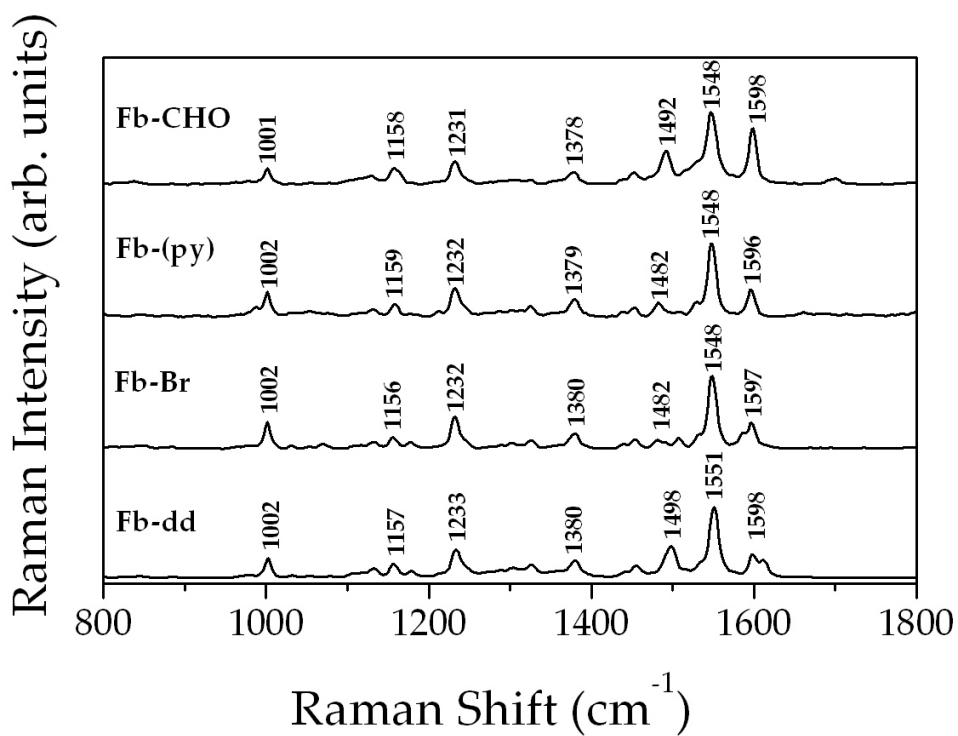


Figure 3: The experimental FT-Raman spectra for free base porphyrins (Figure 1 main text), measured as solid state samples as described in the experimental section of the main text.

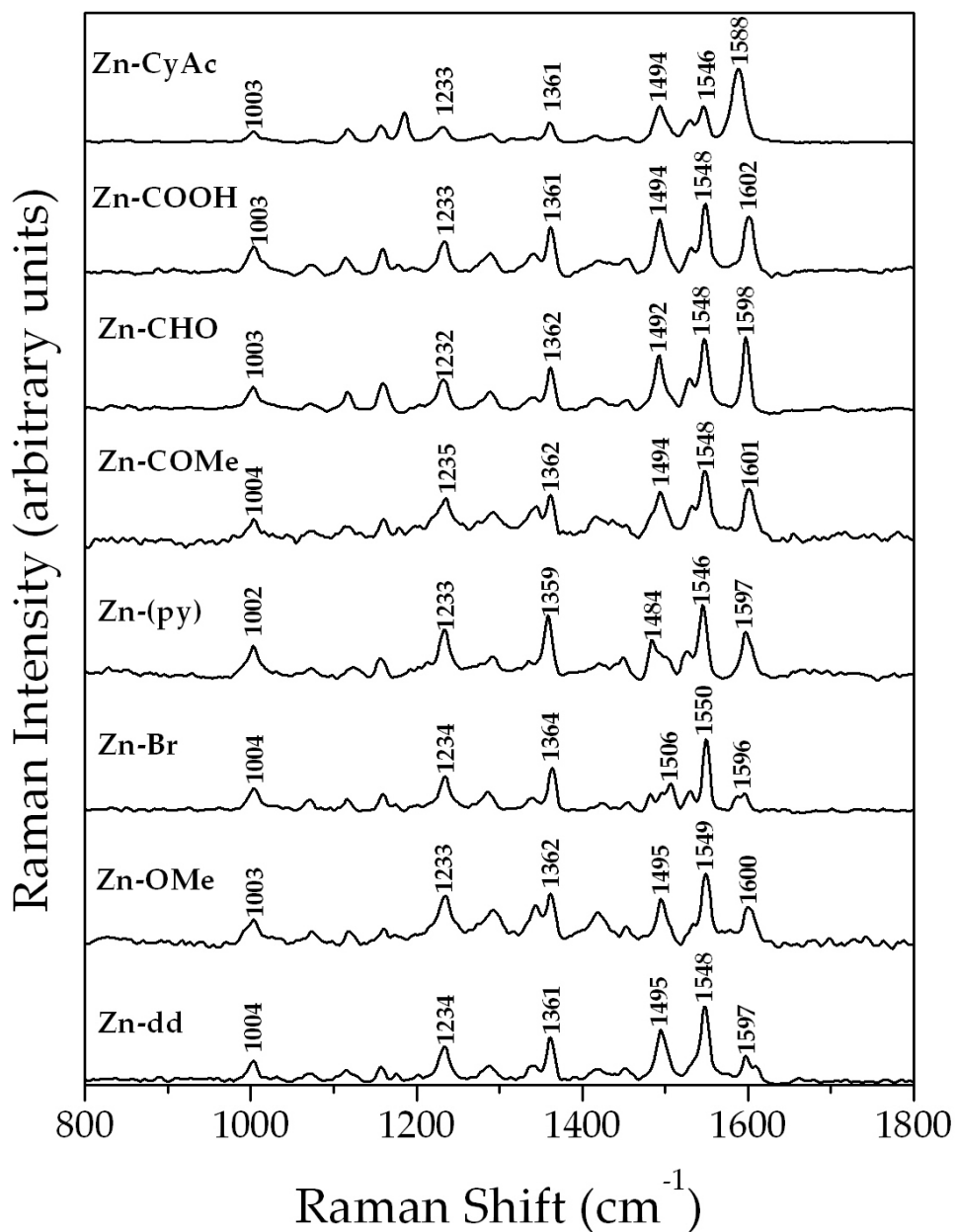


Figure 4: The experimental FT-Raman spectra for zinc base porphyrins (Figure 1 main text), measured as solid state samples as described in the experimental section of the main text.