Electronic Supplementary Information

A [3]Rotaxane Composed of a Zinc Porphyrin Tetra-substituted with Coordinating Macrocycles and of Two Short Rigid Axles

Cécile Roche, Jean-Pierre Sauvage, Angélique Sour, and Nathan L. Strutt

Contents

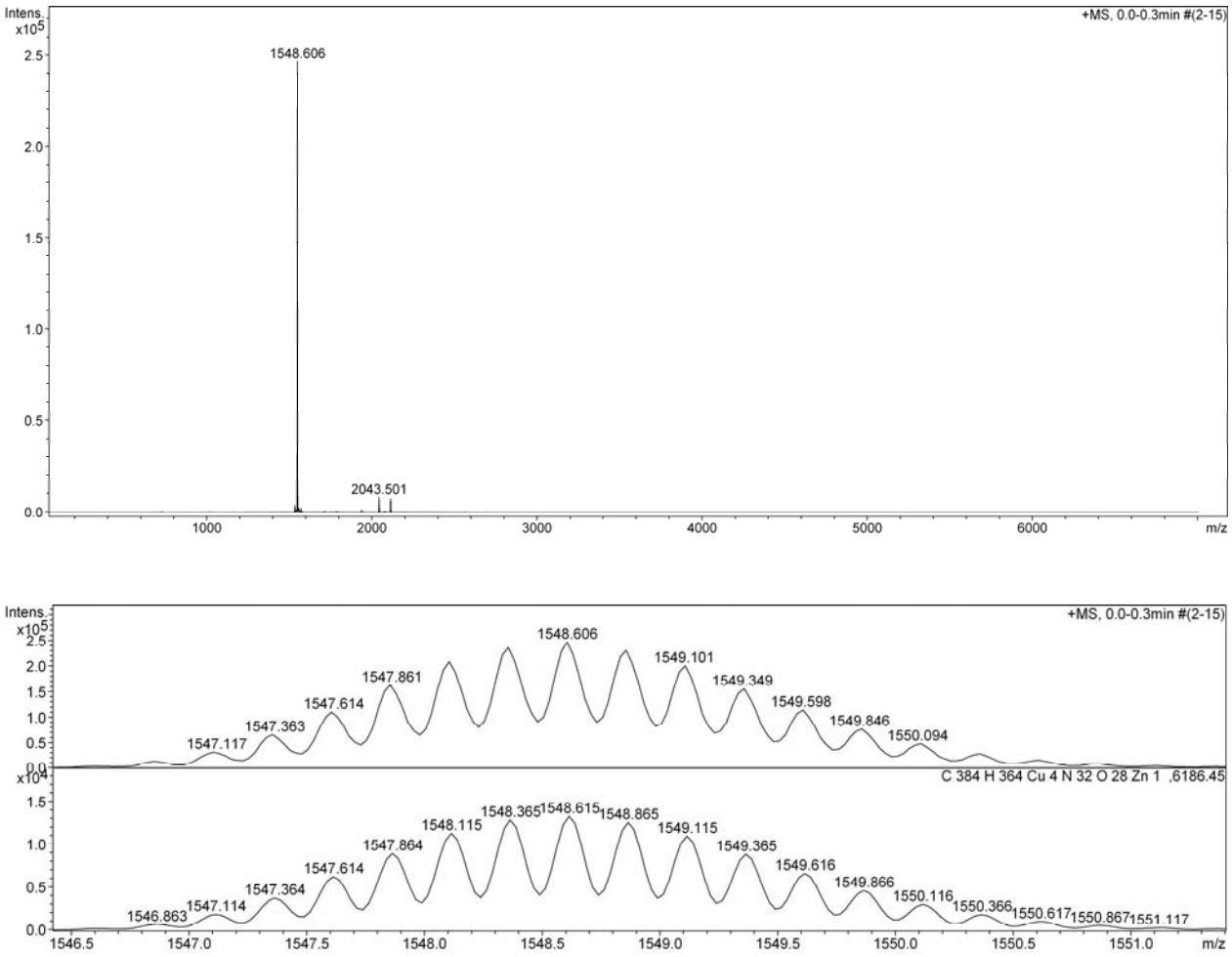

Figure S1: HRES-MS spectrum of rotaxane $\mathbf{1}^{4+}$ (top) and the corresponding simulation (bottom).

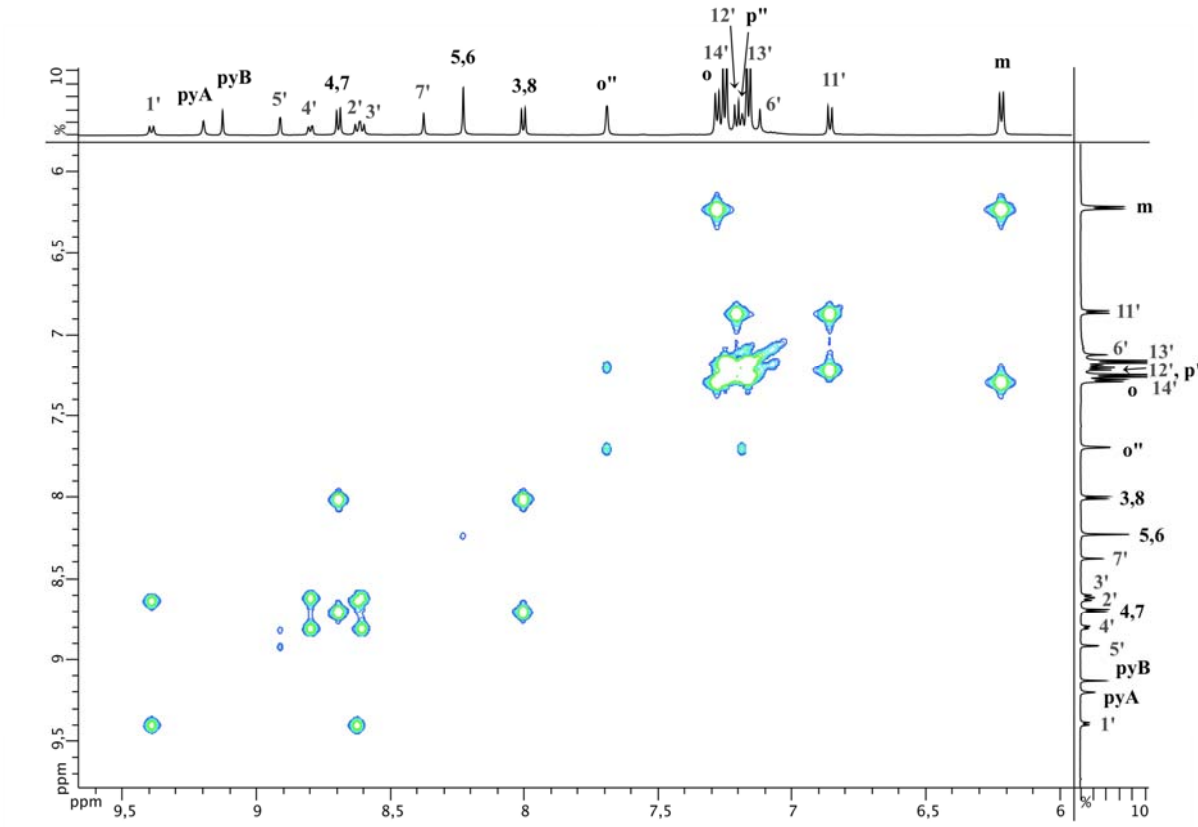

Figure S2: ^{1}H-^{1}H COSY (600 MHz) spectrum of rotaxane $\mathbf{1}^{4+}$ displaying couplings in the aromatic region.

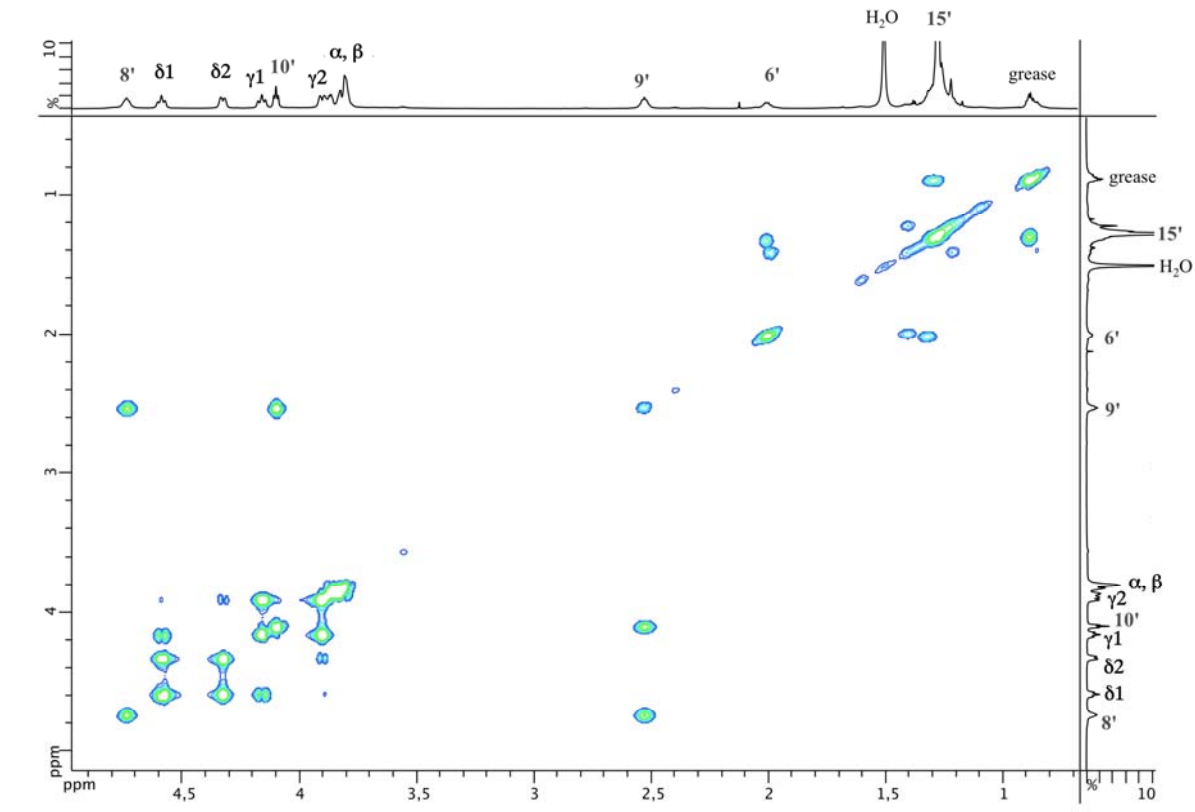

Figure S3: ^{1}H-^{1}H COSY (600 MHz) spectrum of rotaxane $\mathbf{1}^{4+}$ displaying couplings in the aliphatic region.

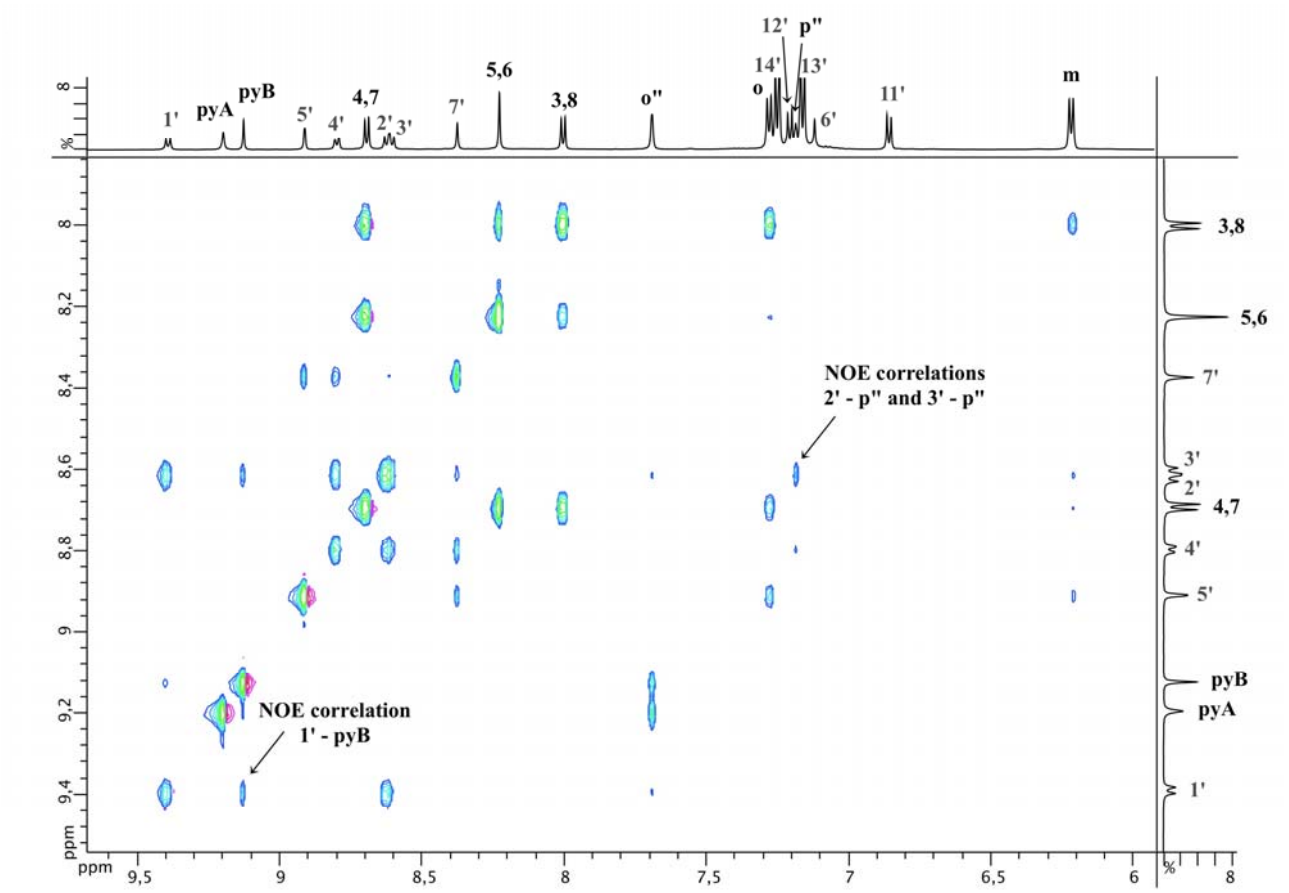

Figure S4: ^{1}H-^{1}H NOESY (600 MHz) spectrum of rotaxane $\mathbf{1}^{4+}$ displaying NOE correlations between the rod and the tetra-macrocycle in the aromatic region.

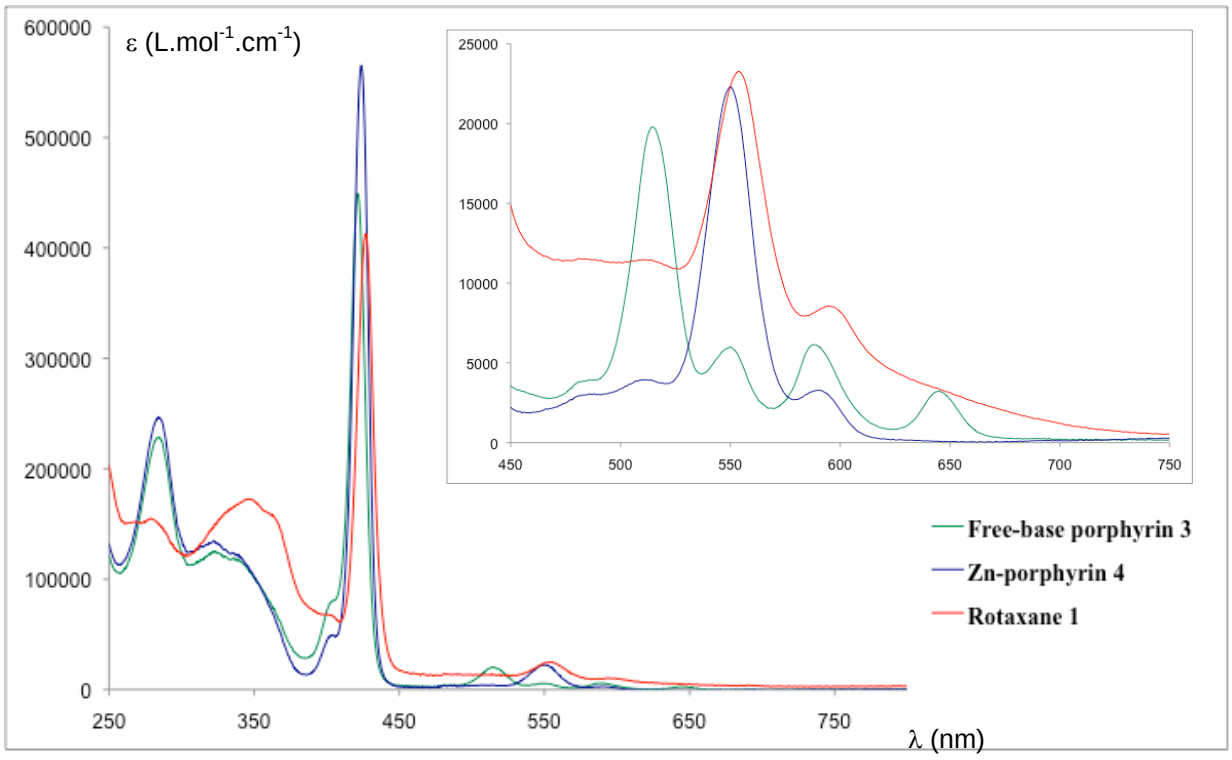

Figure S5: UV-visible absorption spectra of free-base porphyrin **3**, Zn-porphyrin **4** and rotaxane $\mathbf{1}^{4+}$.