

Ionophoric properties of a tetra-tetrazole functionalised calix[4]arene

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Supplementary Information

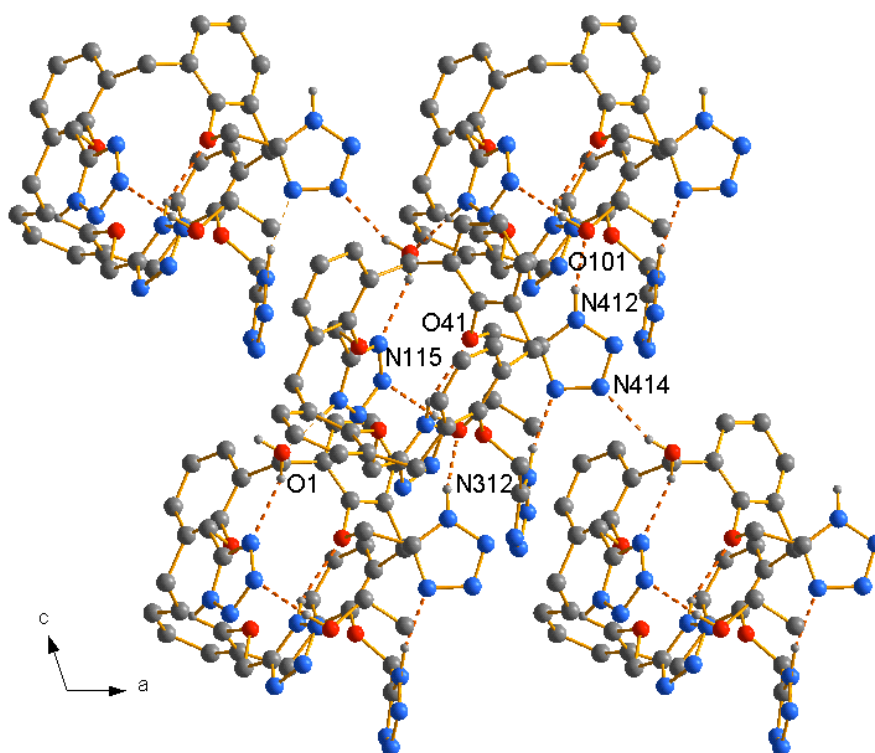


Figure S1. Hydrogen bonded polymer of $1 \cdot \text{H}_2\text{O} \cdot \text{EtOH}$ projected along the *b*-axis. Tertiary butyl groups and those hydrogen atoms not involved in hydrogen bonds have been omitted for clarity.

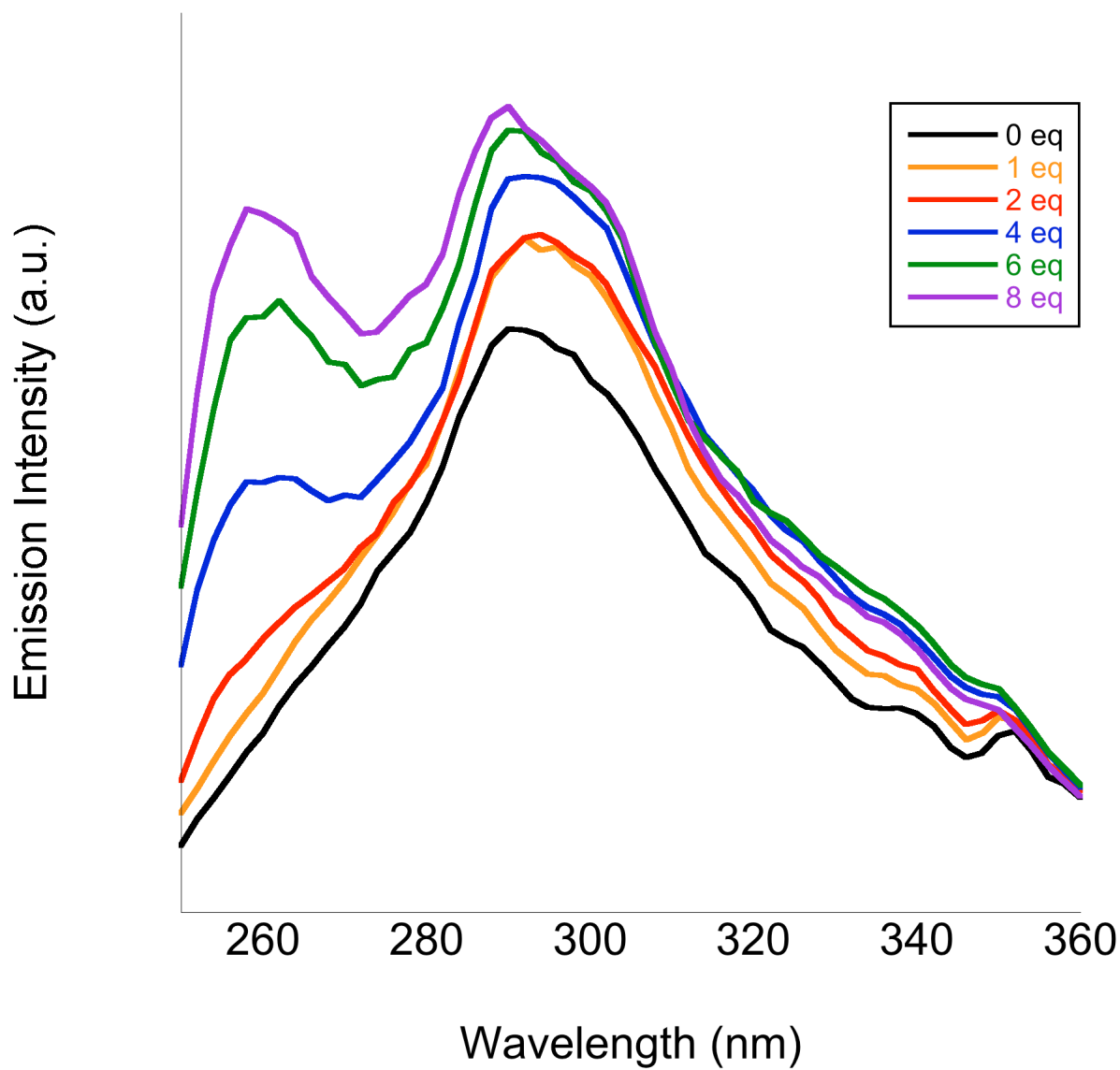


Figure S2. Excitation profiles of a 1:1 mixture of **1** and Tb^{3+} upon sequential addition of triethylamine.

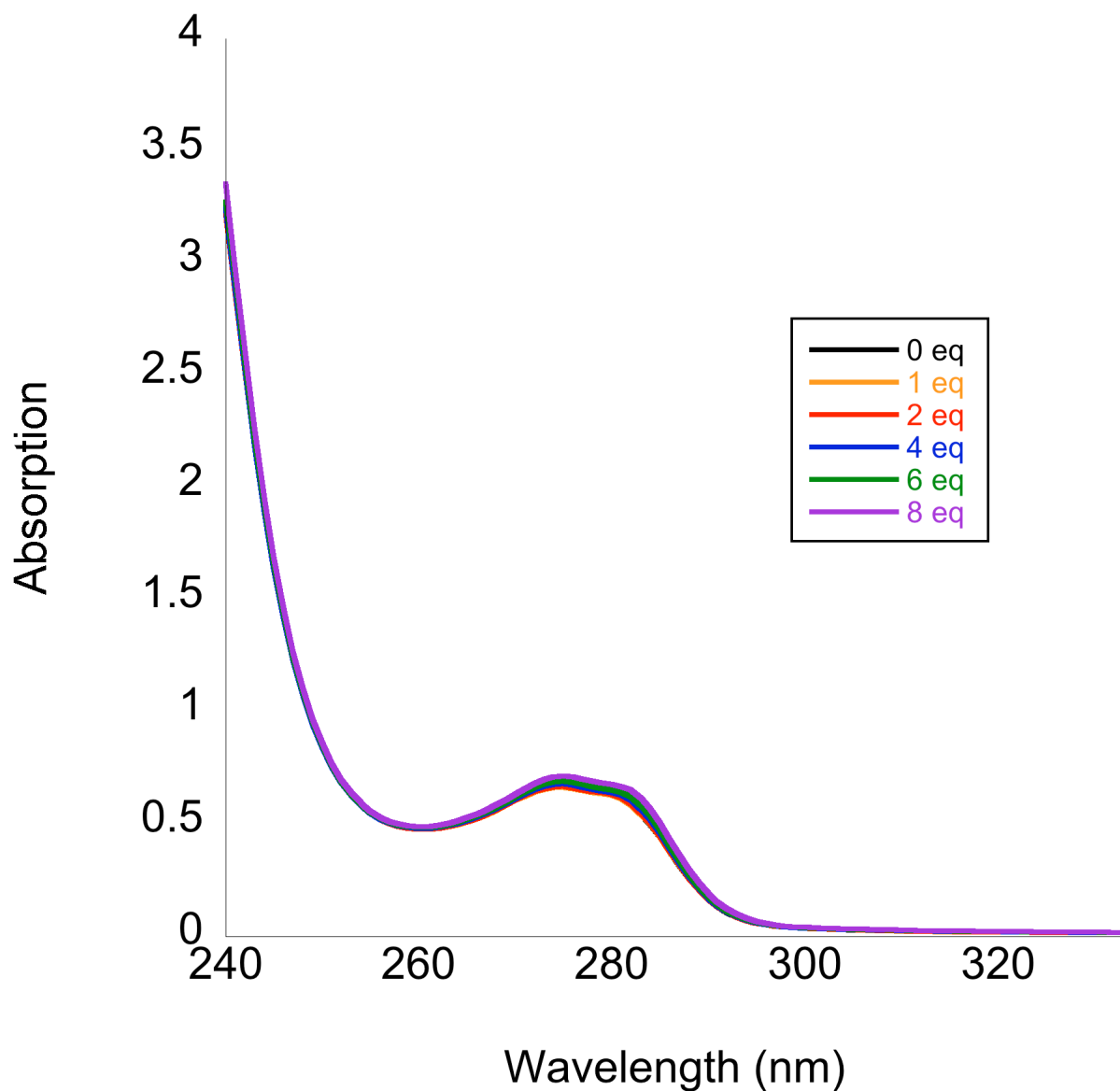


Figure S3. Absorption profiles of a 1:1 mixture of **1** and Tb³⁺ upon sequential addition of triethylamine.

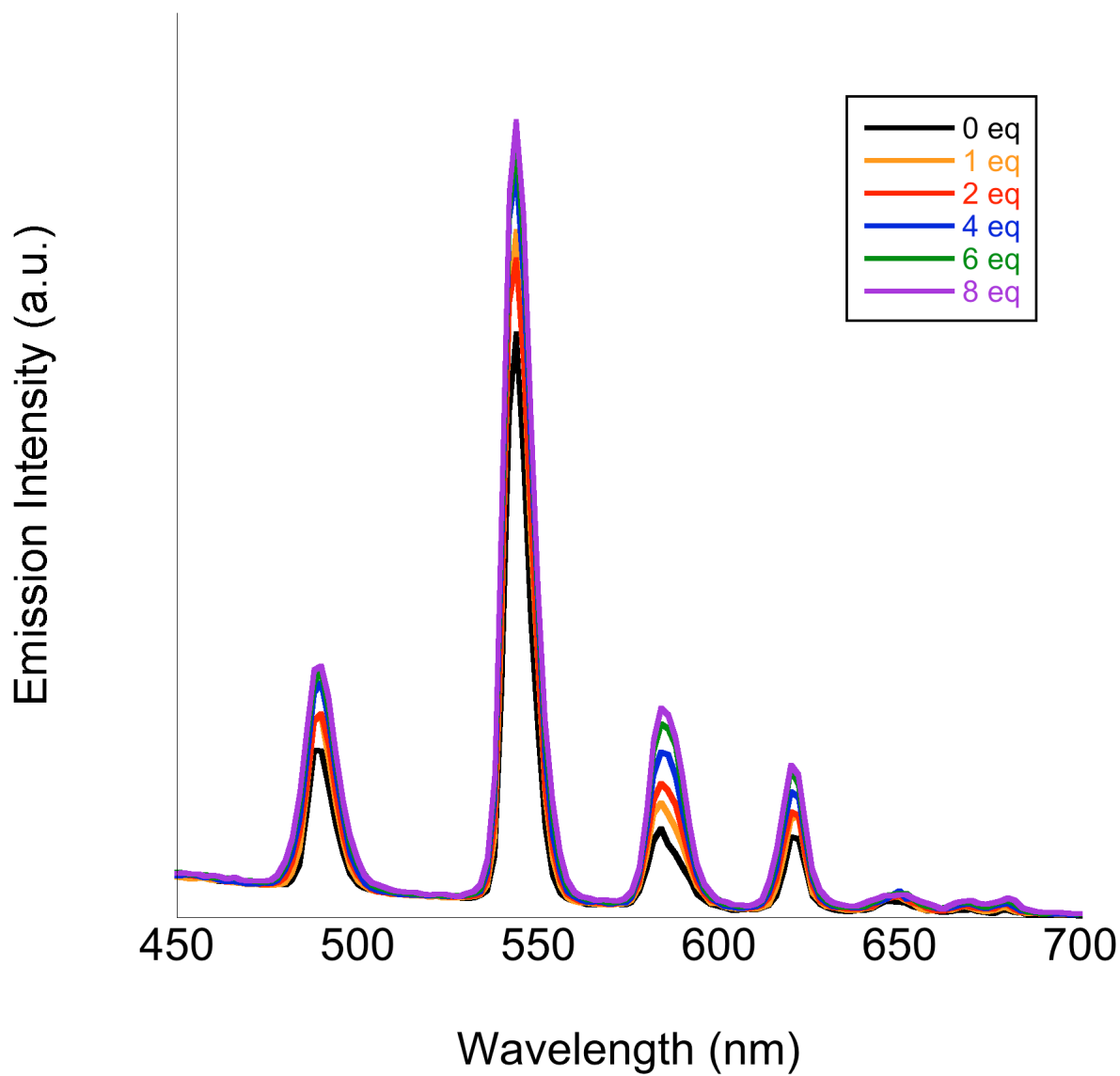


Figure S4. Emission profiles of a 1:1 mixture of **1** and Tb³⁺ upon sequential addition of triethylamine.

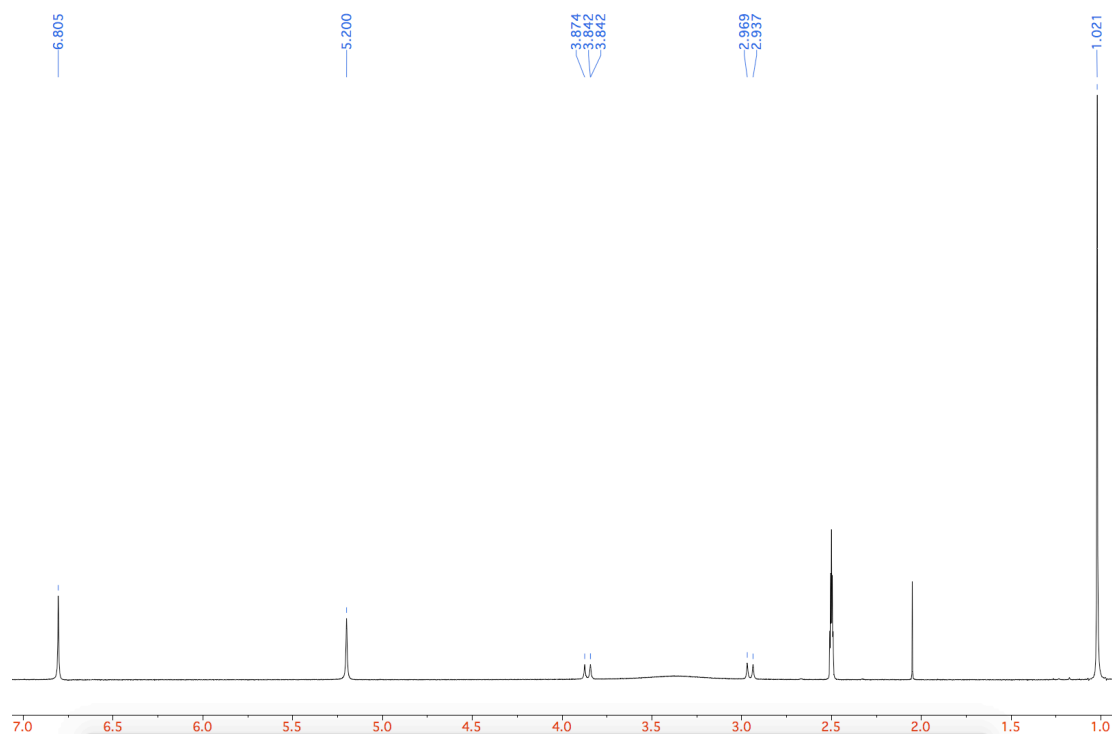


Figure S5. Proton NMR spectrum of **1**.

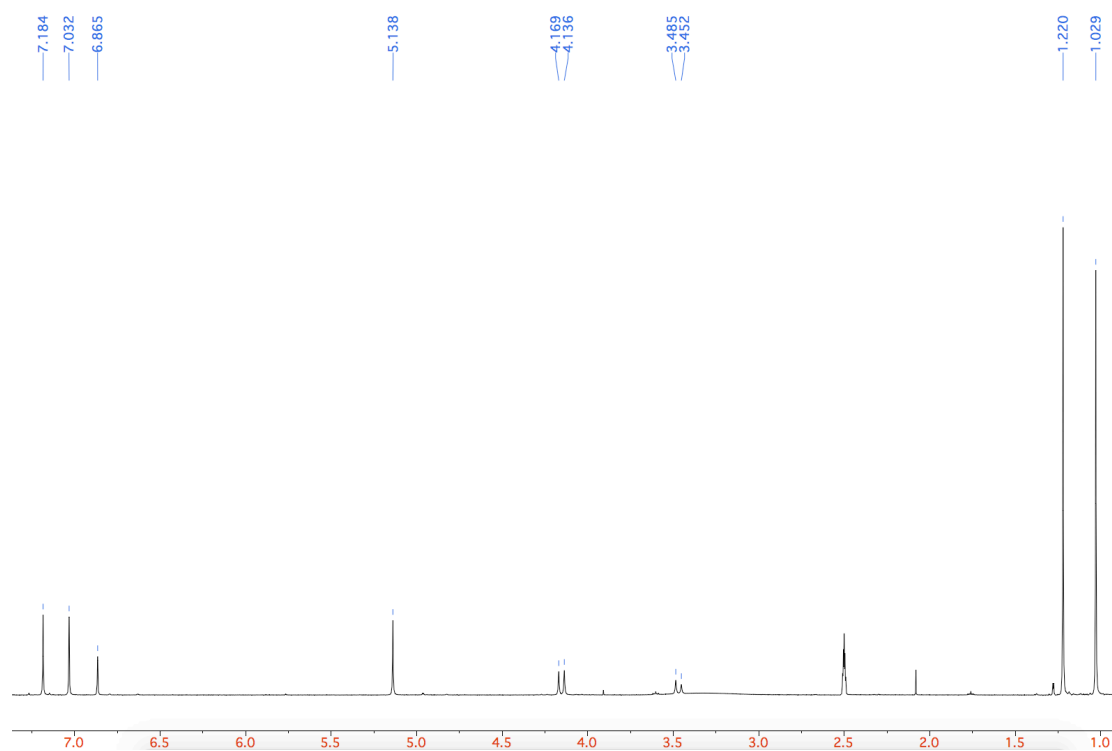


Figure S6. Proton NMR spectrum of **2**.

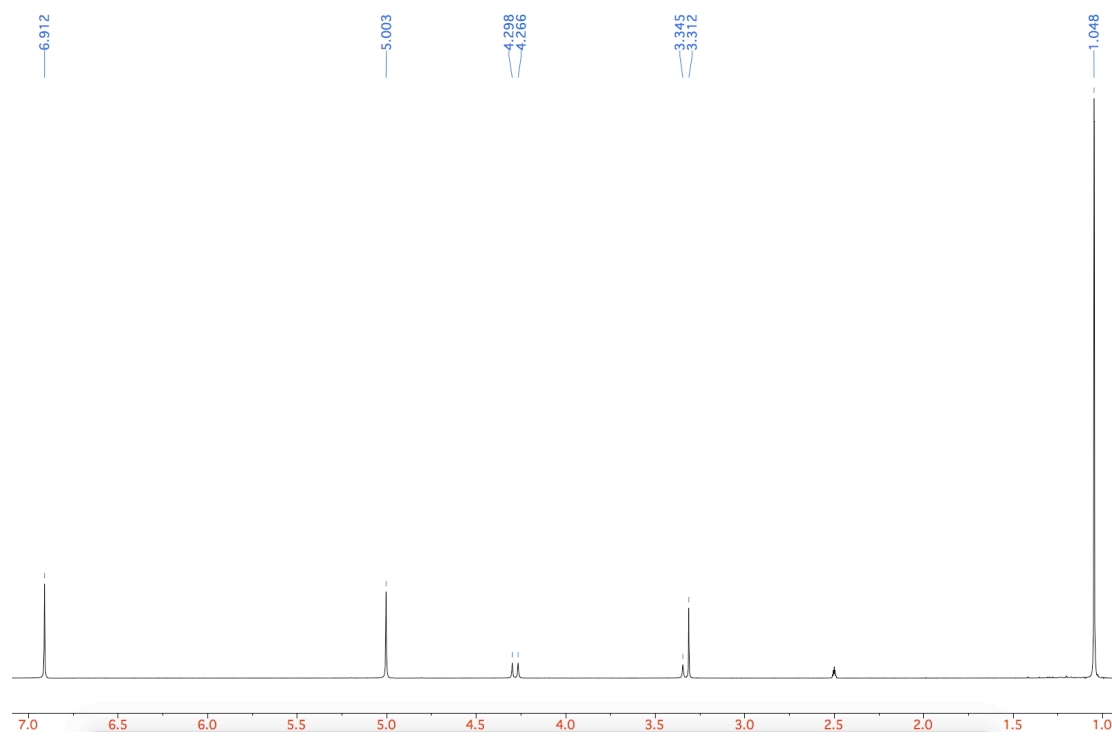


Figure S7. Proton NMR spectrum of **3**.