

Supplementary Material

Lanthanoid and Alkaline Earth Complexes Involving New Substituted Pyrazolates

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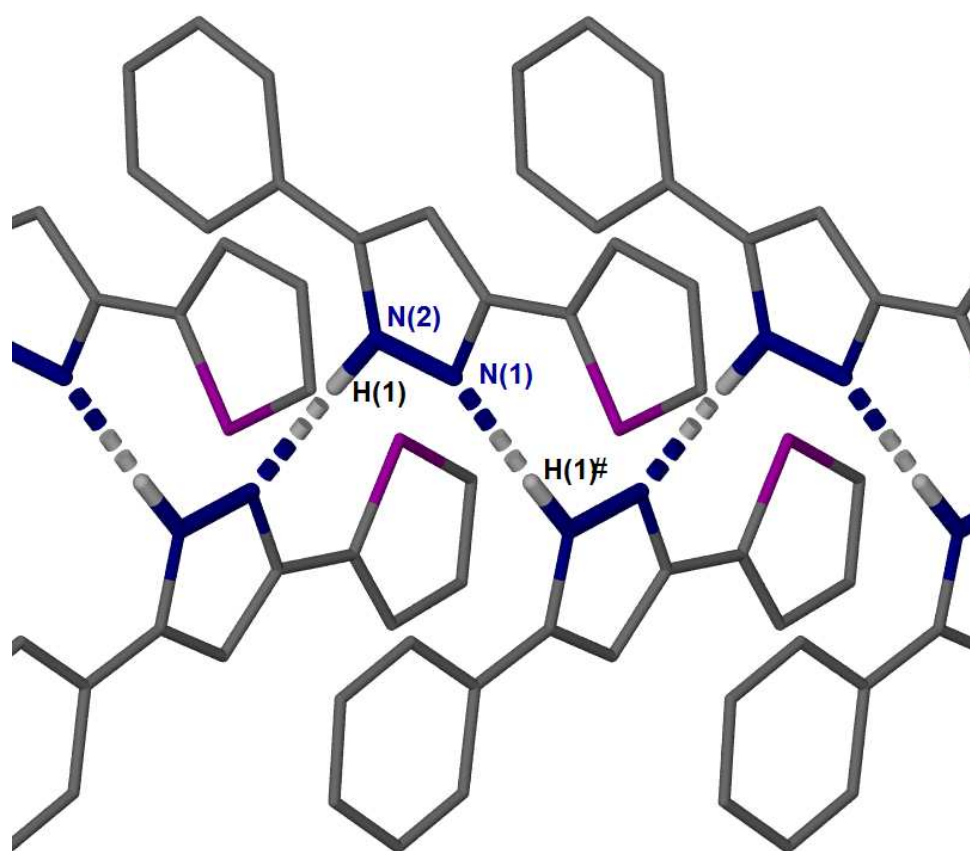


Figure S1: Crystal structure of **PhtpzH (a)**, showing the 1D-chain hydrogen-bond structure. Disordered components of 2-thienyl and phenyl groups and all hydrogen atoms except those involved in hydrogen-bonding were omitted for clarity.

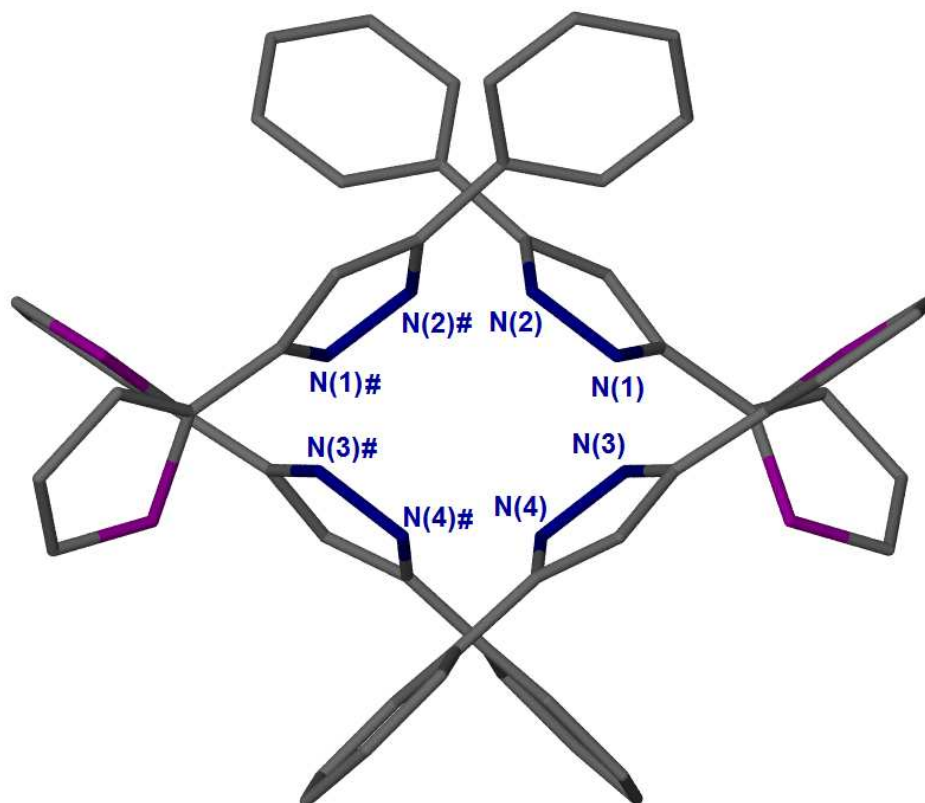


Figure S2: Crystal structure of **PhtpzH (b)**, showing the tetrameric arrangement of the pyrazoles. Disordered components of 2-thienyl and phenyl groups and all hydrogen atom were omitted for clarity.

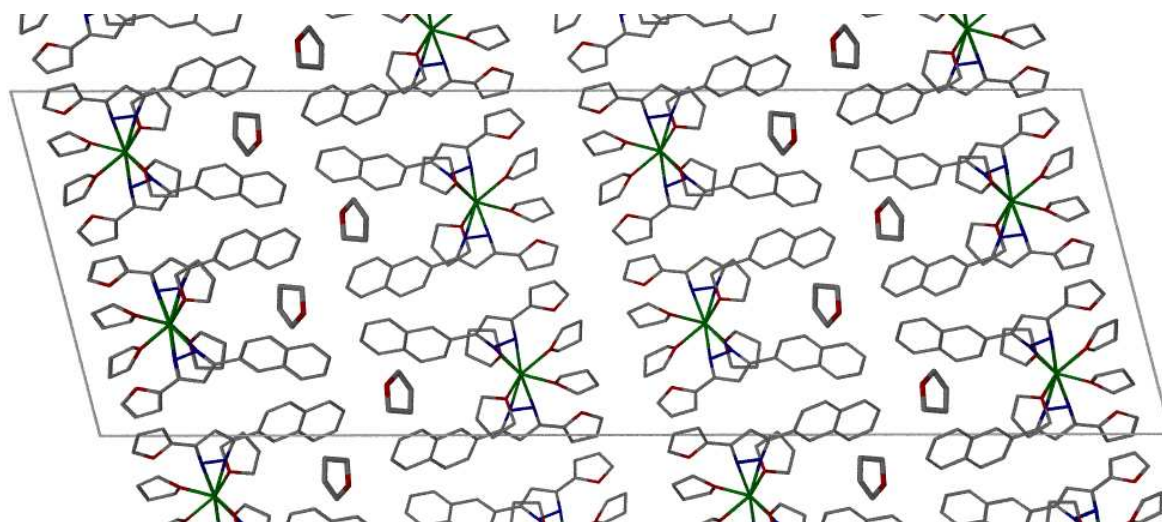


Figure S3: Packing diagram of $[\text{Ca}(\text{funappz})_2(\text{thf})_4]\cdot\text{thf}$ (**6**) showing the packing of the thf lattice molecules between four 2-naphthyl groups of which two are eclipsed. View along *b*. All hydrogen atoms omitted for clarity.