

Supplementary Information

**Protic Processes in an Extended Pyrazinacene: The Case of
Dihydrotetradecaazaheptacene**

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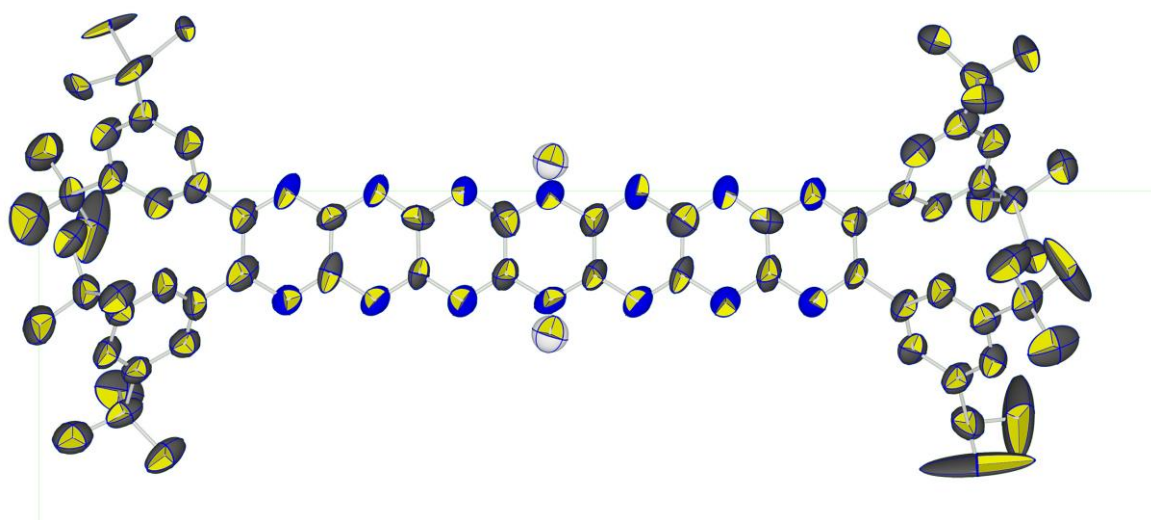


Figure S1. Thermal ellipsoid diagram (50 % probability level) of **tBu₈Ph₄H₂N₁₄HEPT** reveals highly disordered t-butyl groups attached to a relatively well ordered N₁₄-pyrazinacene core.

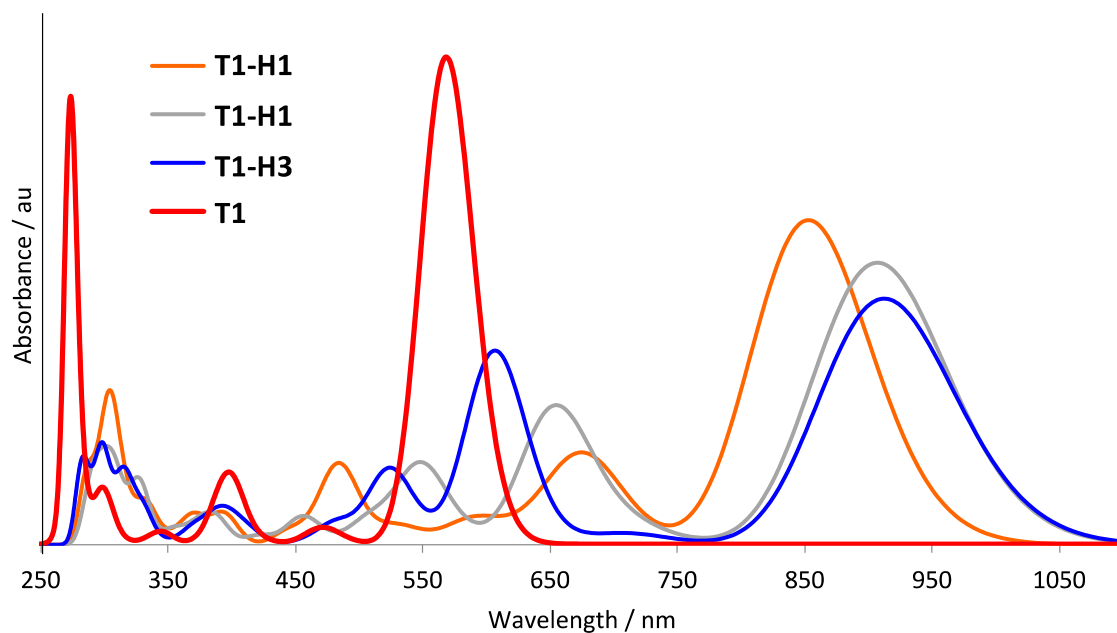


Figure S2. Calculated electronic absorption spectra for tautomer **T1** and the monoprotinated tautomers **T1-H1**, **T1-H2**, and **T1-H3**.

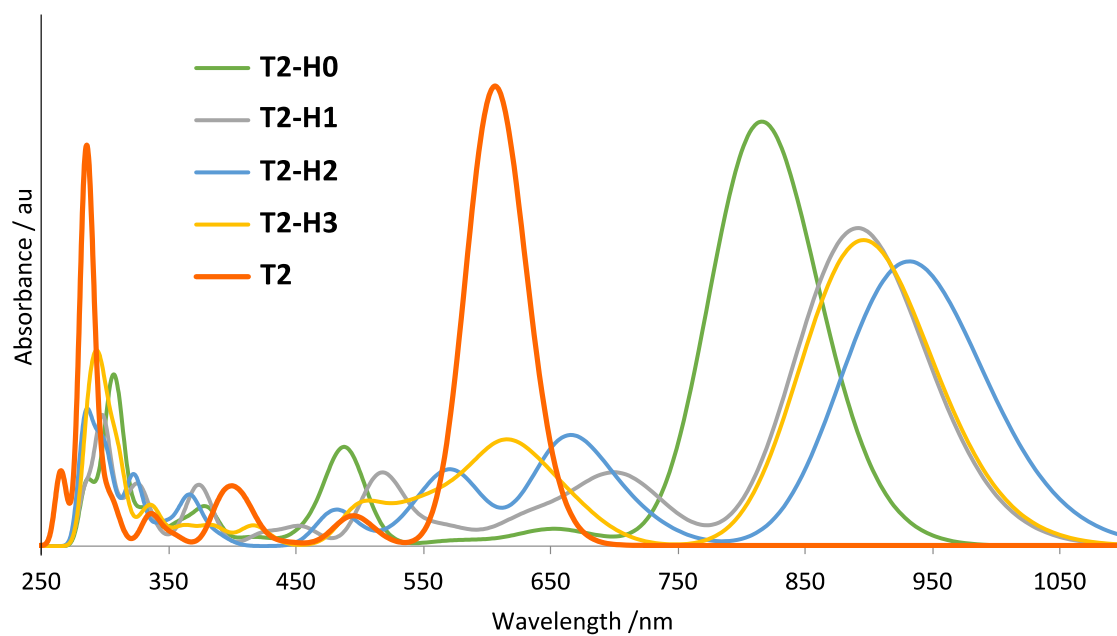


Figure S3. Calculated electronic absorption spectra for tautomer **T2** and the monoprotinated tautomers **T2-H0**, **T2-H1**, **T2-H2**, and **T2-H3**.