

Supporting Information:

Complementary Hydrogen Bonding in a New Tridentate Schiff Base Ligand: X-Ray, DFT, and Solution NMR Studies

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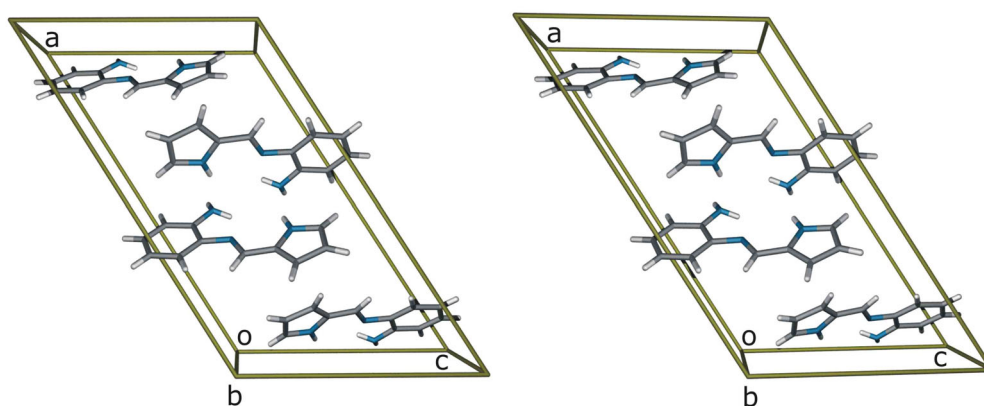


Fig. S1. Stereo view of the unit cell contents of the crystal structure of *N*-[(1*E*)-1*H*-pyrrol-2-ylmethylene]-benzene-1,2-diamine.

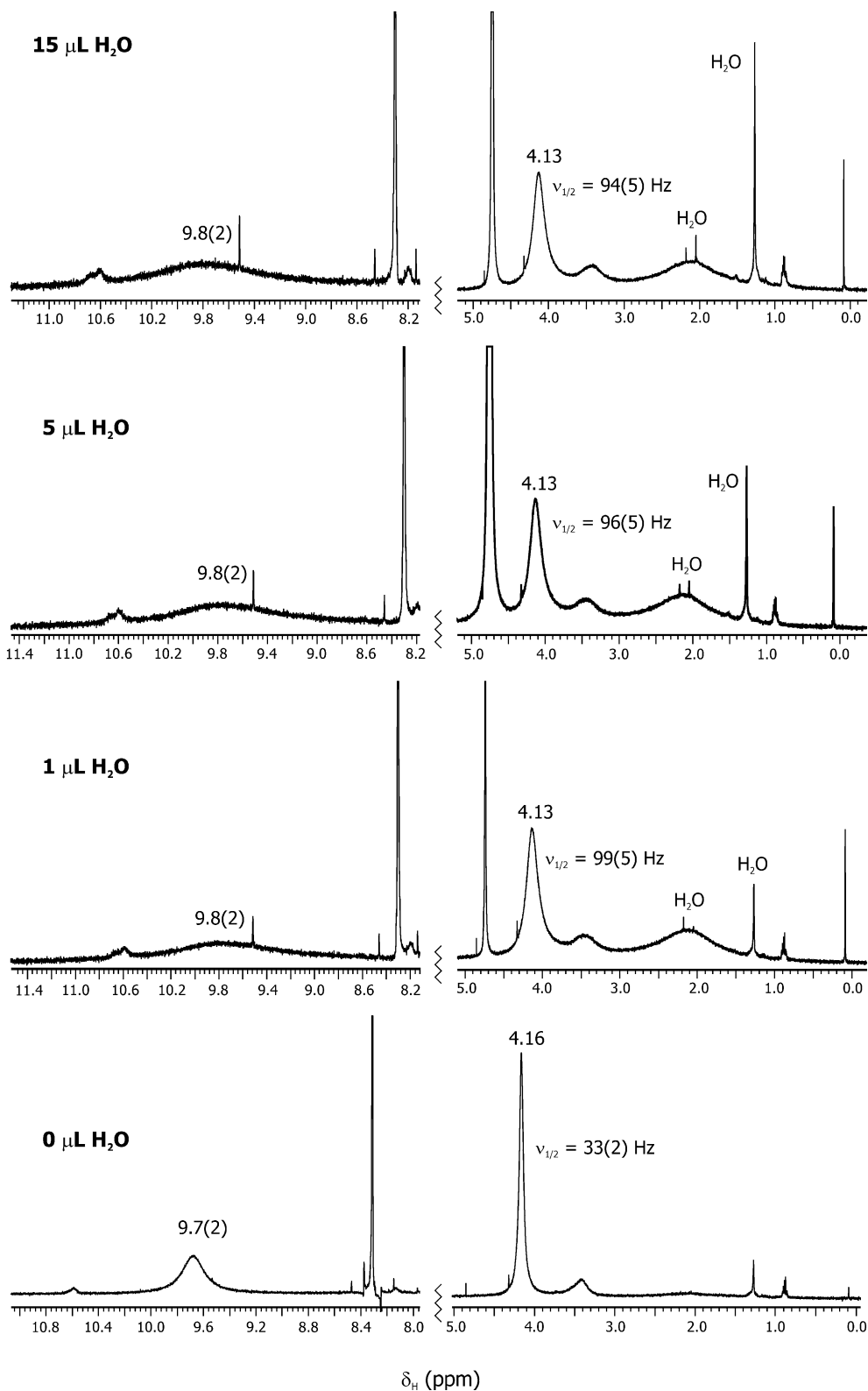


Fig. S2. ^1H NMR spectra of a 10 mg sample of *N*-[(1*E*)-1*H*-pyrrol-2-ylmethylene]-benzene-1,2-diamine dissolved in 500 μL CDCl_3 as a function of the volume of added distilled water. Only the ArNH_2 ($\delta_{\text{H}} = 4.16$ ppm) and pyrrole NH proton ($\delta_{\text{H}} = 9.7(2)$ ppm) regions of the spectra have been shown for clarity.