Supporting Information

O_2-dependent Aliphatic Carbon-carbon Bond Cleavage Reactivity in Ni(II) Enolate Complex having a Hydrogen Bond Donor Microenvironment; Comparison with a Hydrophobic Analog

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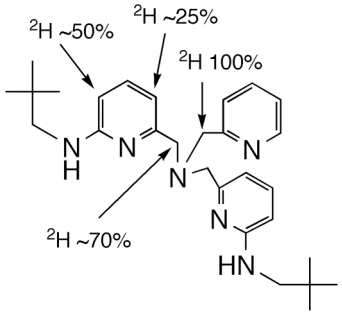

Figure S1. Positions of deuteration in bnpapa ligand used for ^{2}H NMR investigations. The ^{2}H substitution is present in both neopentyl-appended pyridyl donors.

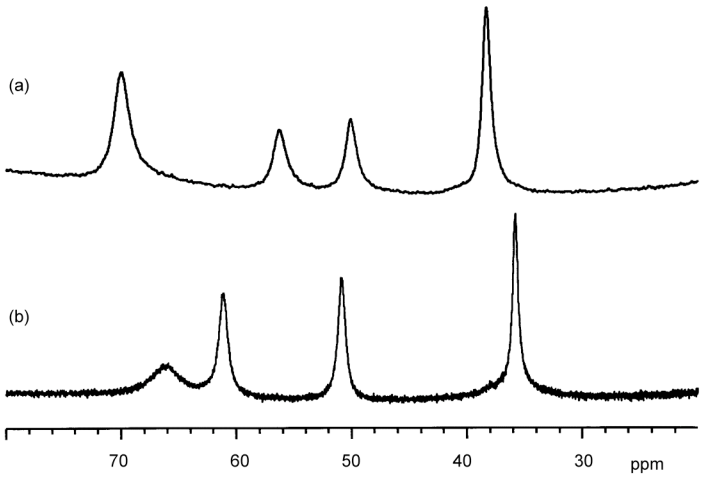

Figure S2. ^{1}H NMR spectral features of (a) **18** and (b) **19**, in the region of 20-80 ppm. Spectra obtained in CD_3CN at 22(1) °C.