Oxidative Addition Reactions of Binuclear Organoplatinum Complexes with Ditopic Ligands

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Supporting Information

Figures S1-S13. NMR spectra of selected compounds.

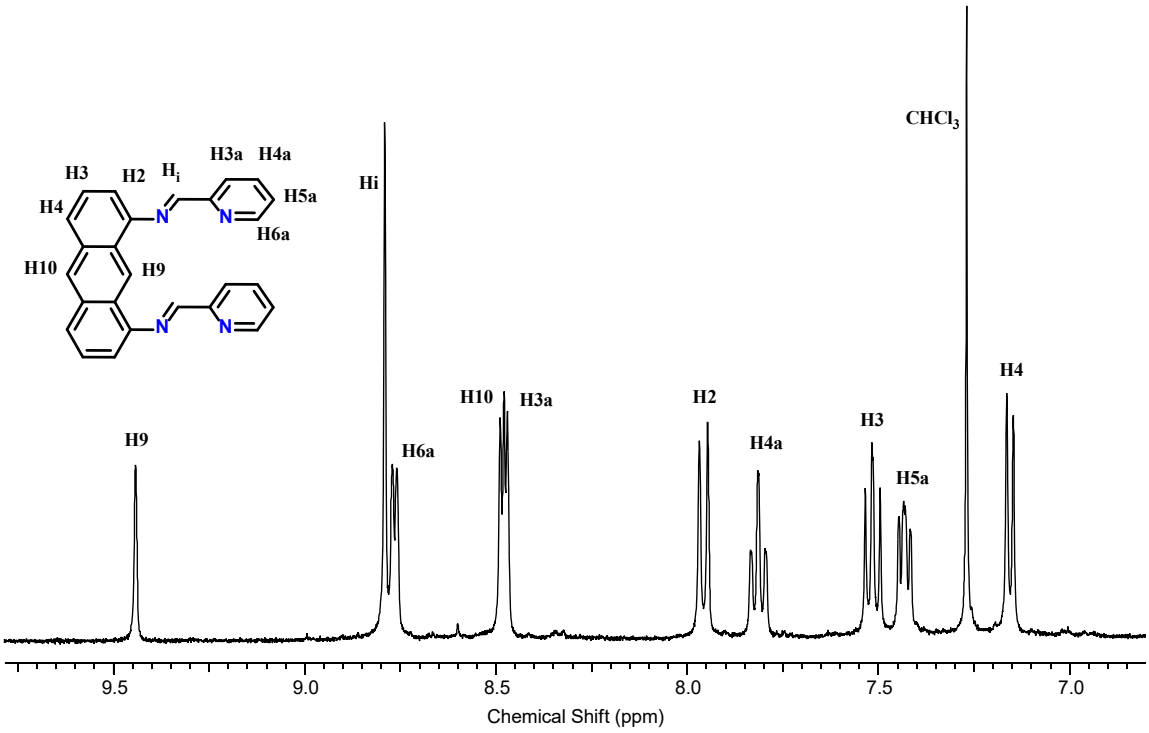

Figure S1. ^{1}H NMR spectrum of the ligand **L1** in $CDCl_3$.

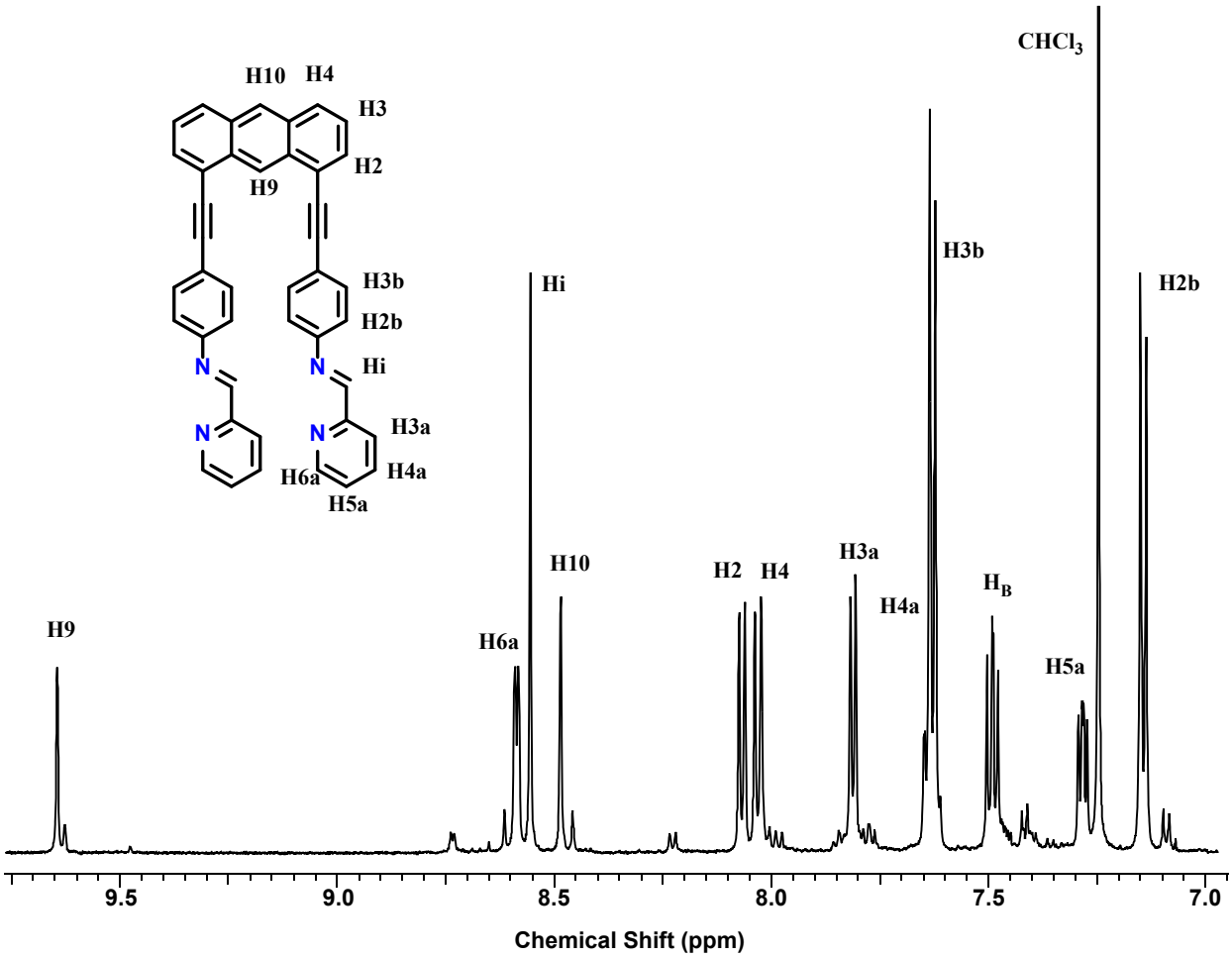

Figure S2. ^{1}H NMR spectrum of the ligand **L2** in $CDCl_3$.

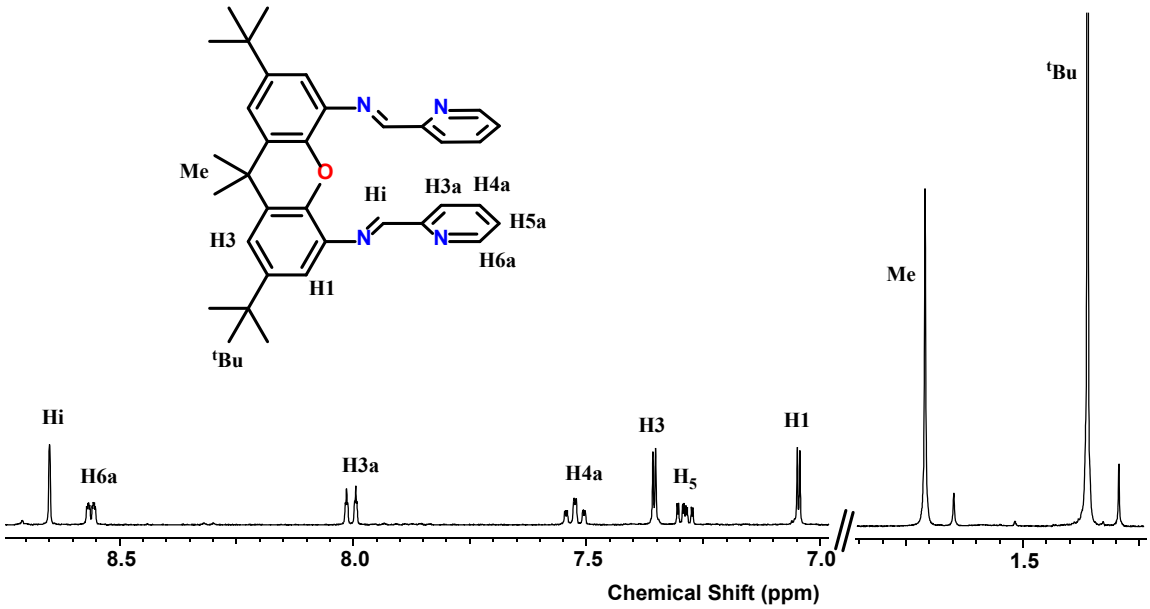

Figure S3. ^{1}H NMR spectrum of the ligand **L3** in CD_2Cl_2.

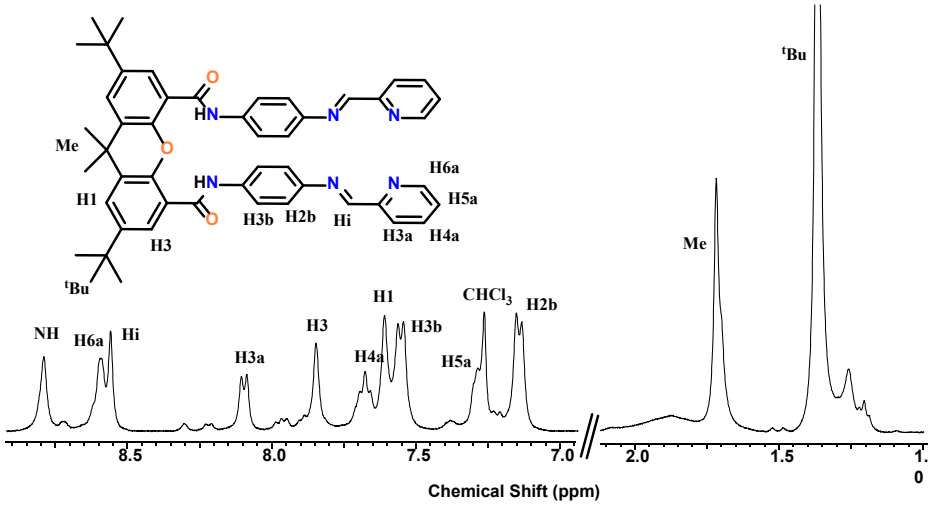

Figure S4. ^{1}H NMR spectrum of the ligand **L4** in $CDCl_3$.

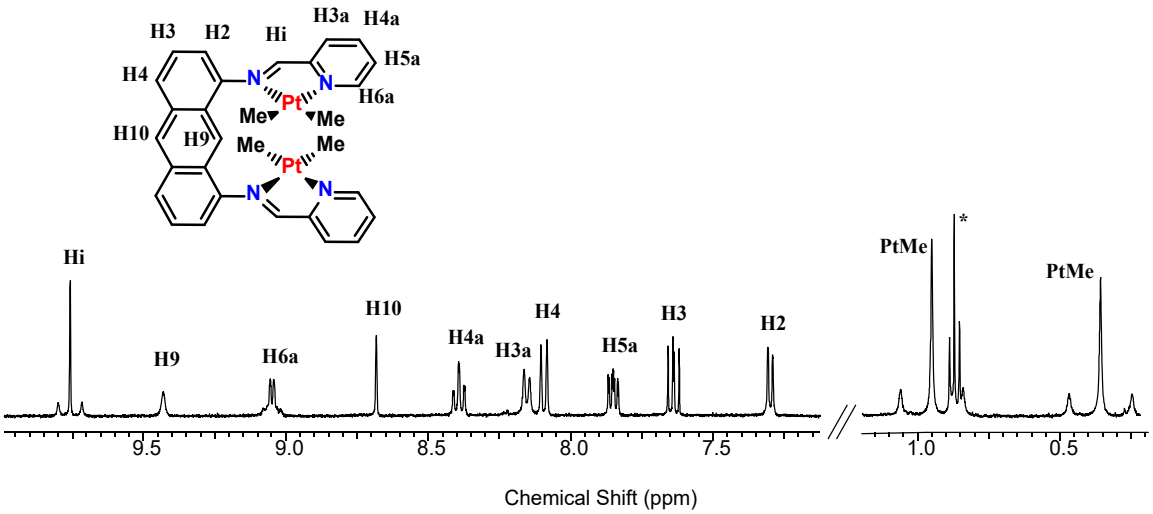

Figure S5. ^{1}H NMR spectrum of complex **1** in acetone-d_6. * indicates the presence of residual pentane.

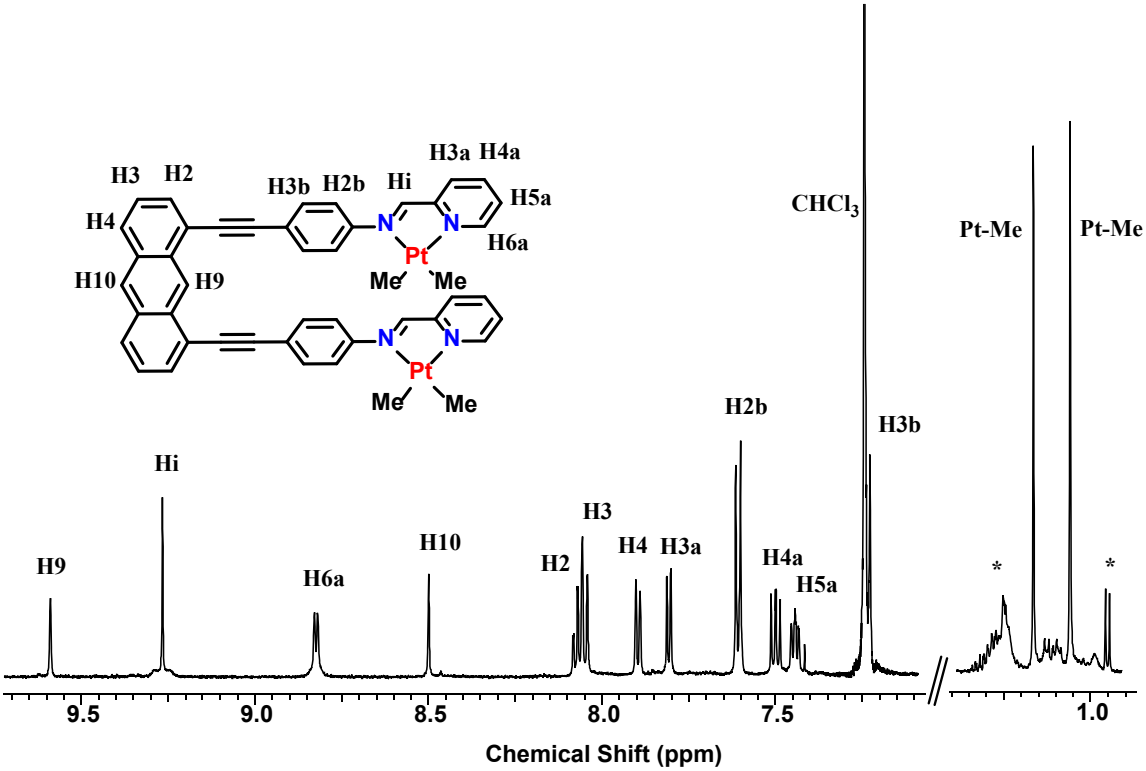

Figure S6. ^{1}H NMR spectrum of complex **2** in $CDCl_3$ (* hexane impurity).

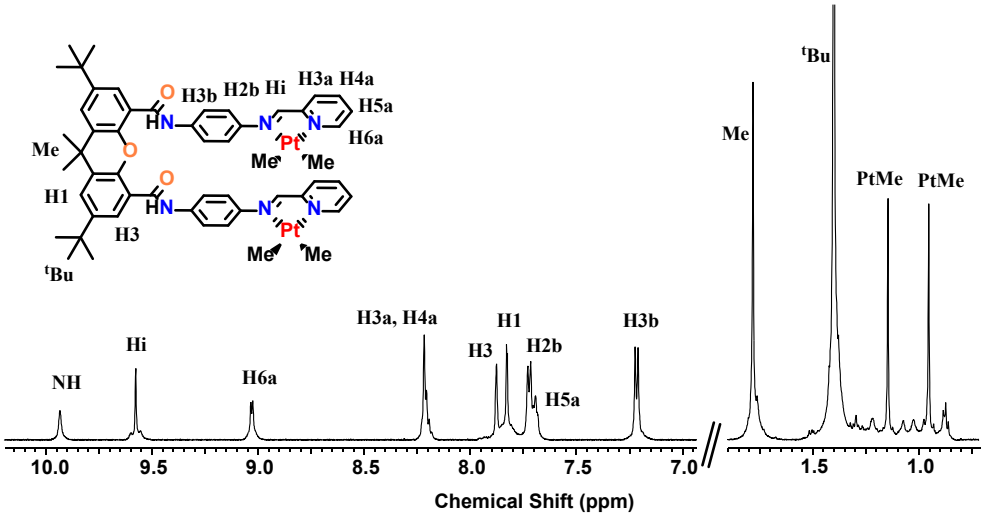

Figure S7. ^{1}H NMR spectrum of complex **4** in acetone-d_6.

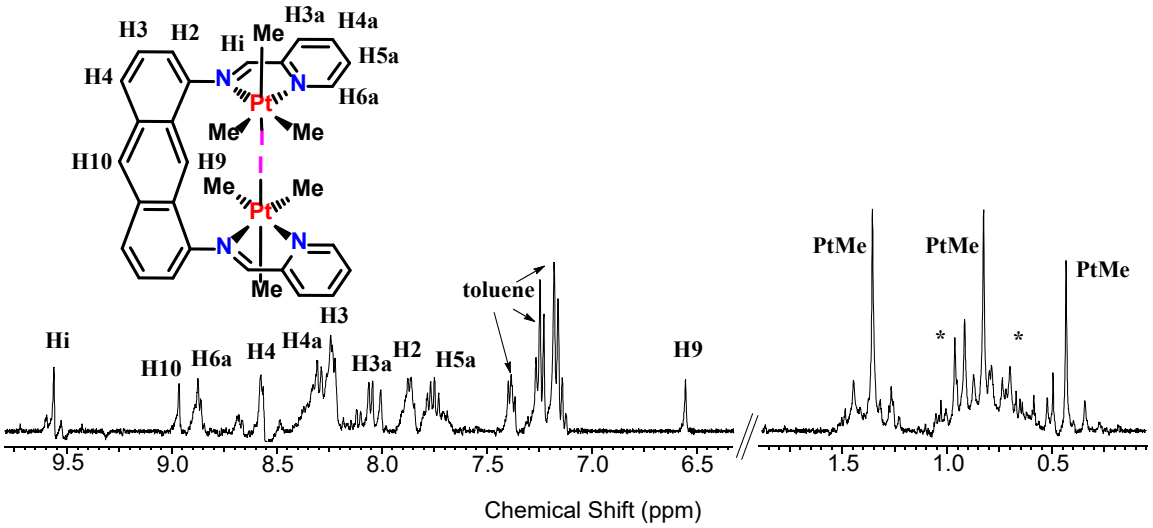

Figure S8. ^{1}H NMR spectrum of complex **5** in dmso-d_6. * indicates trace hexanes and pentane solvent.

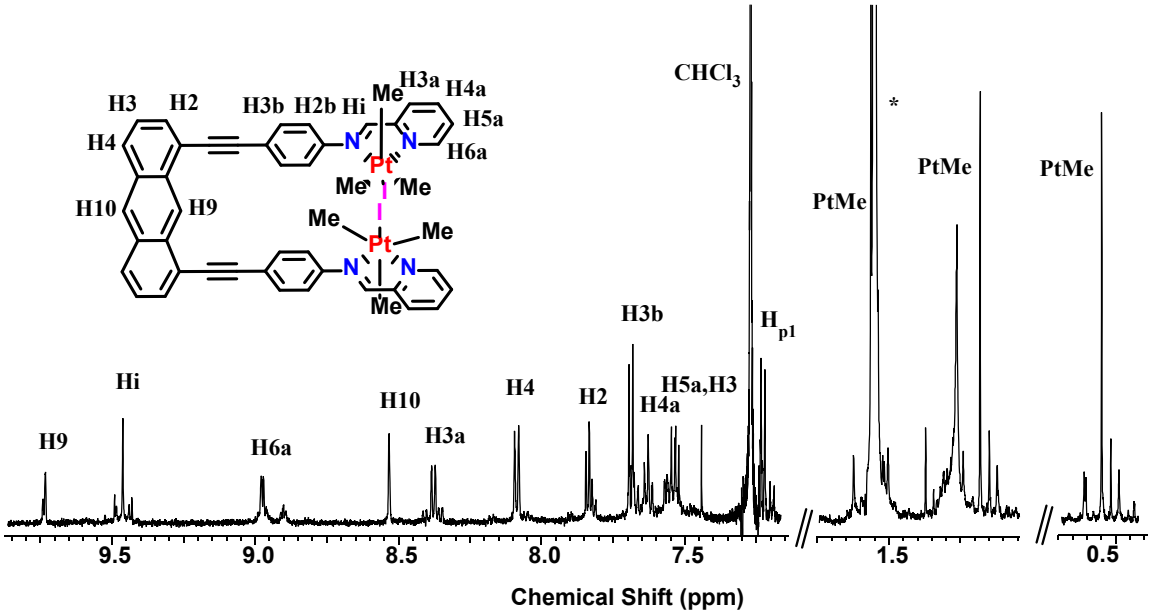

Figure S9. ^{1}H NMR spectrum, in $CDCl_3$, of complex **6**. * indicates the presence of water.

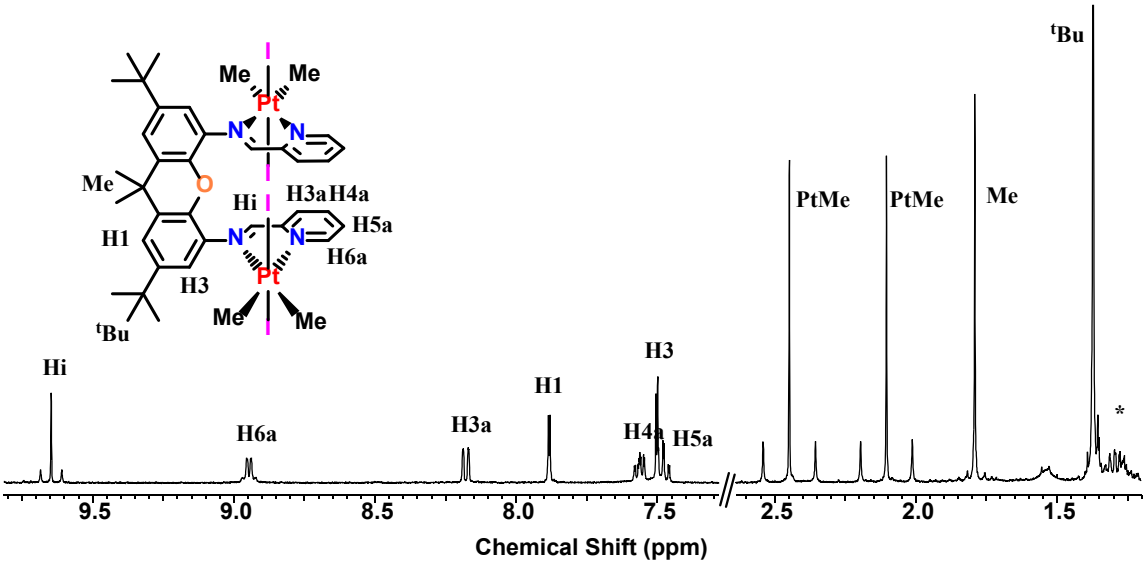

Figure S10. ^{1}H NMR spectrum of complex **9** in CD_2Cl_2. * indicates trace amounts of pentane.

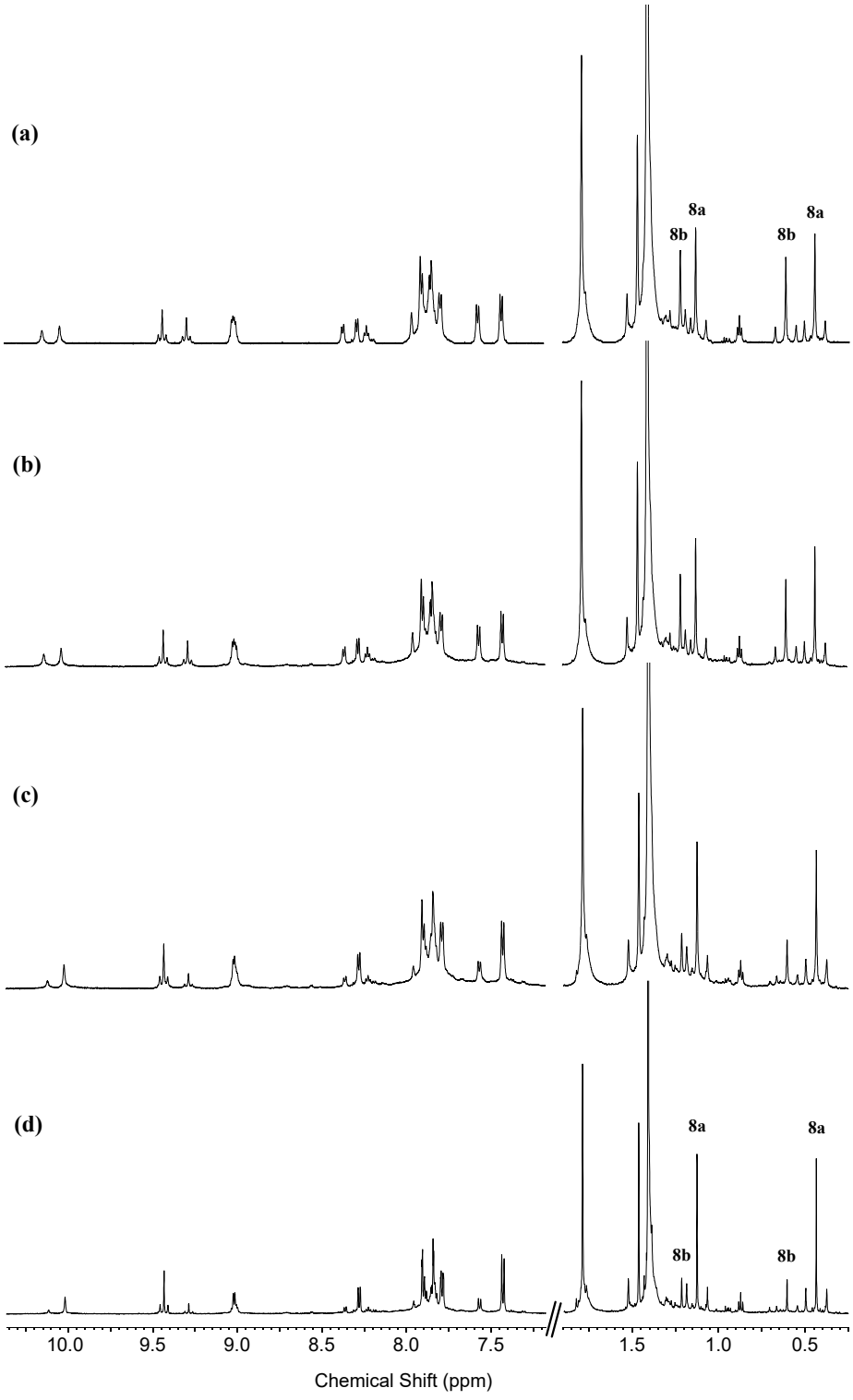

Figure S11. ^{1}H NMR spectra during isomerization between isomers **8a** and **8b**; after (a) 10 minutes, (b) 1 hour, (c) 24 hours and (d) 48 hours.

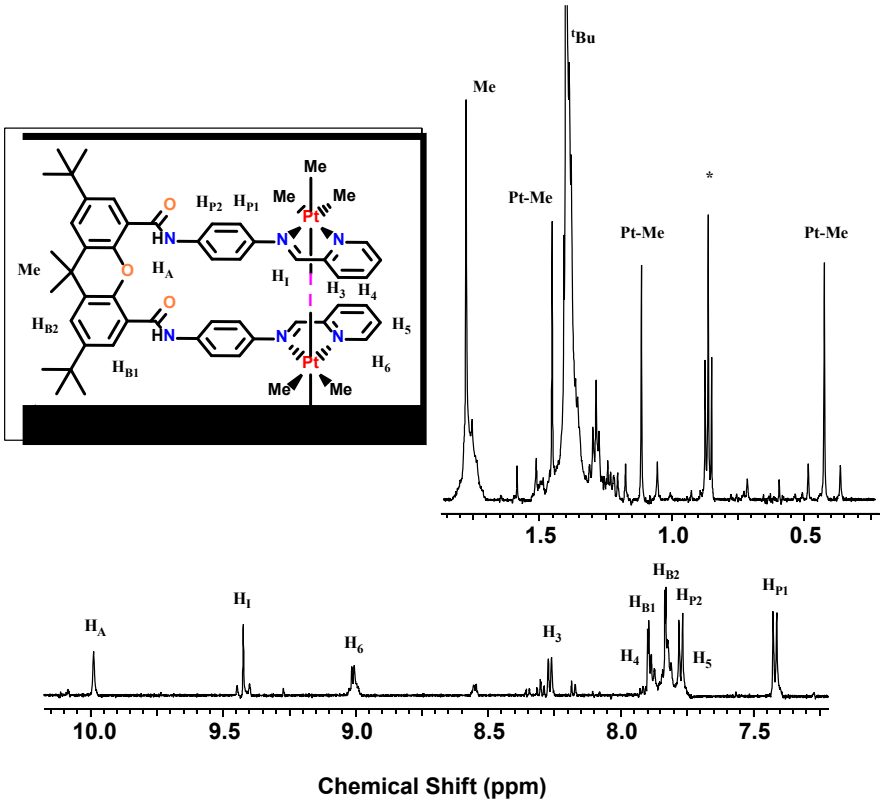

Figure S12. ^{1}H NMR spectrum of complex **8a** in acetone-d_6 after recrystallization. * indicates residual pentane.

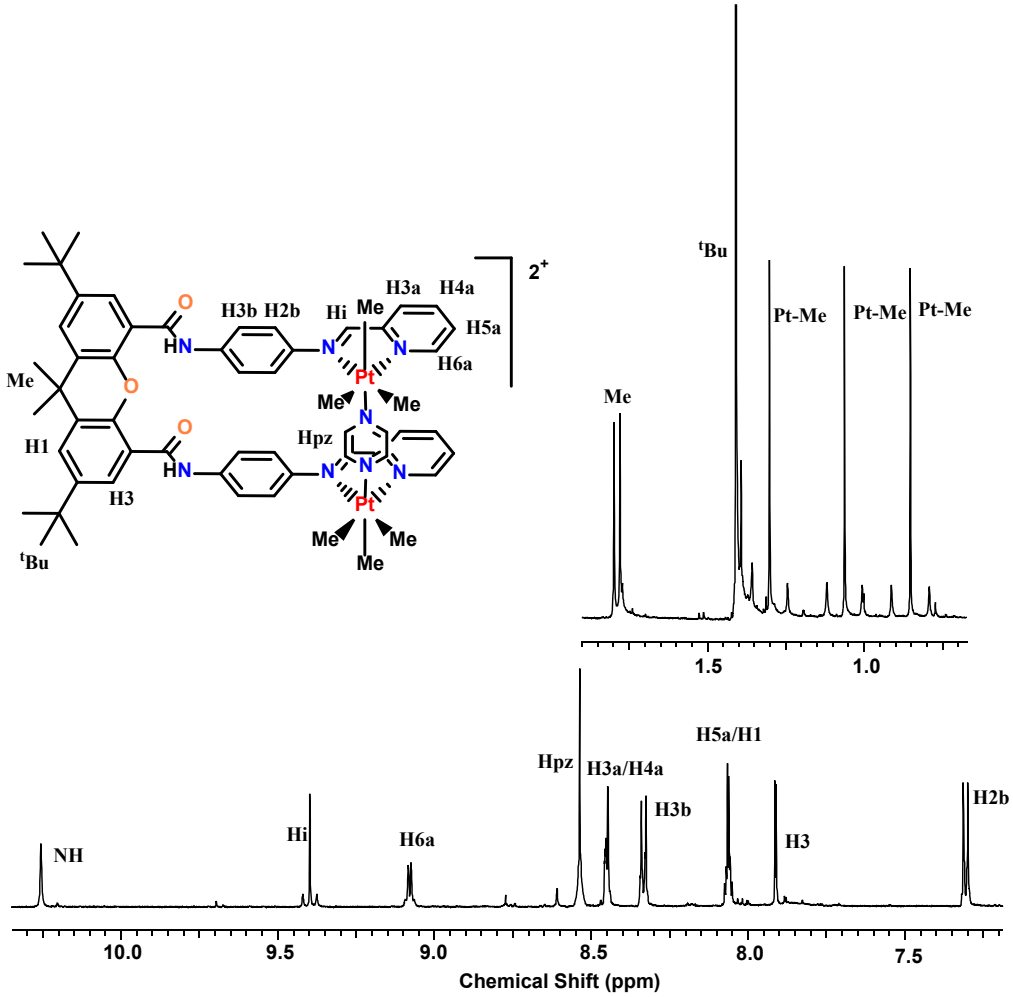

Figure S13. The ^{1}H NMR spectrum (acetone-d_6) of complex **13**.