

SUPPLEMENTARY MATERIAL

SYNTHESIS, REACTIVITY AND CHARACTERIZATION OF Pt(II) COMPLEXES WITH N,N' CHELATING
LIGANDS; STRUCTURE AND DIMETHYLSULFOXIDE REACTIVITY RELATIONSHIP.

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FIGURE S1: Part of selected ^1H NMR spectra of complex (**5**) in DMSO-d_6 vs. time

FIGURE S2: Part of ^1H NMR spectra of complex (**1**) in CDCl_3 during the titration with DMSO-d_6 .

FIGURE S3: Part of ^1H NMR spectra of complex (**3**) in CDCl_3 during the titration with DMSO-d_6 .

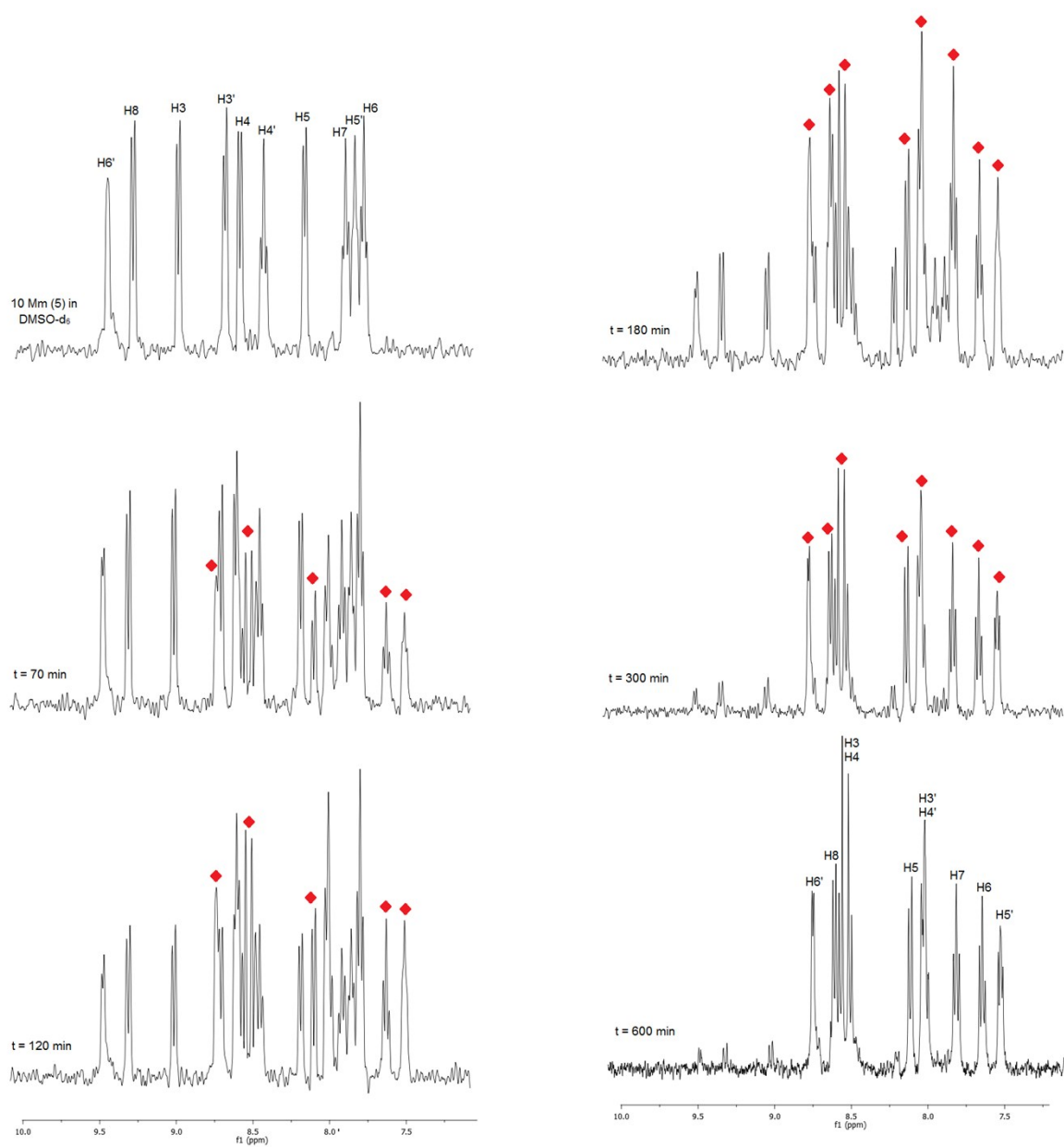


Figure S1. Part of selected ^1H NMR spectra of complex (5) in DMSO-d_6 vs. time counted in minutes. The red rhomb show the pop-up signals of the released ligand pqn.

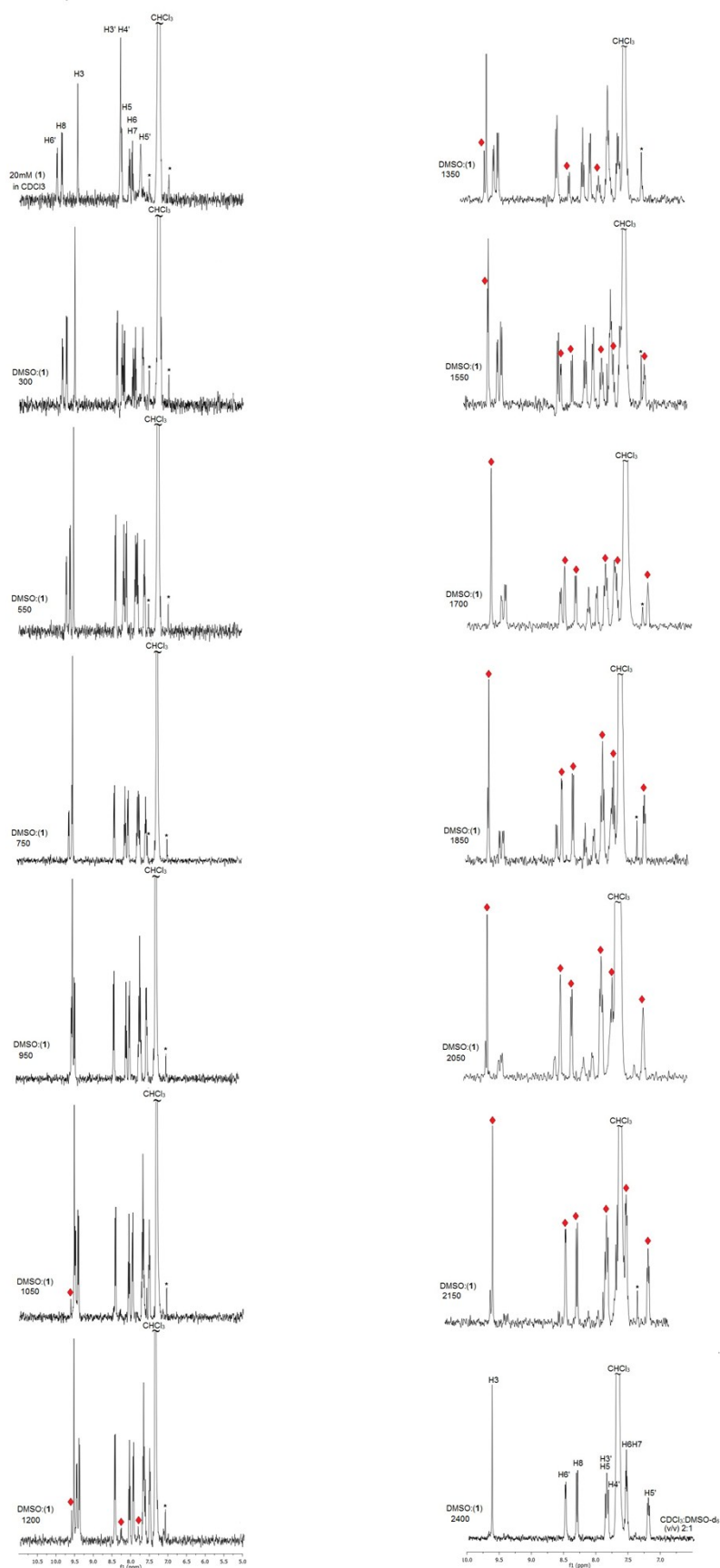


Figure S2. Part of ^1H NMR spectra of complex (**1**) in CDCl_3 during the titration with DMSO-d_6 . The molar ratio of $\text{DMSO}:(\mathbf{1})$ was denoted in the left corner of each spectrum. Asterisk (*) shows the satellites of CHCl_3 and red rhomb the pop-up signals of the released ligand. Fast kinetics (at NMR time scale and 298 K) was observed until the ratio $\text{DMSO}:(\mathbf{1}) \sim 1050$.

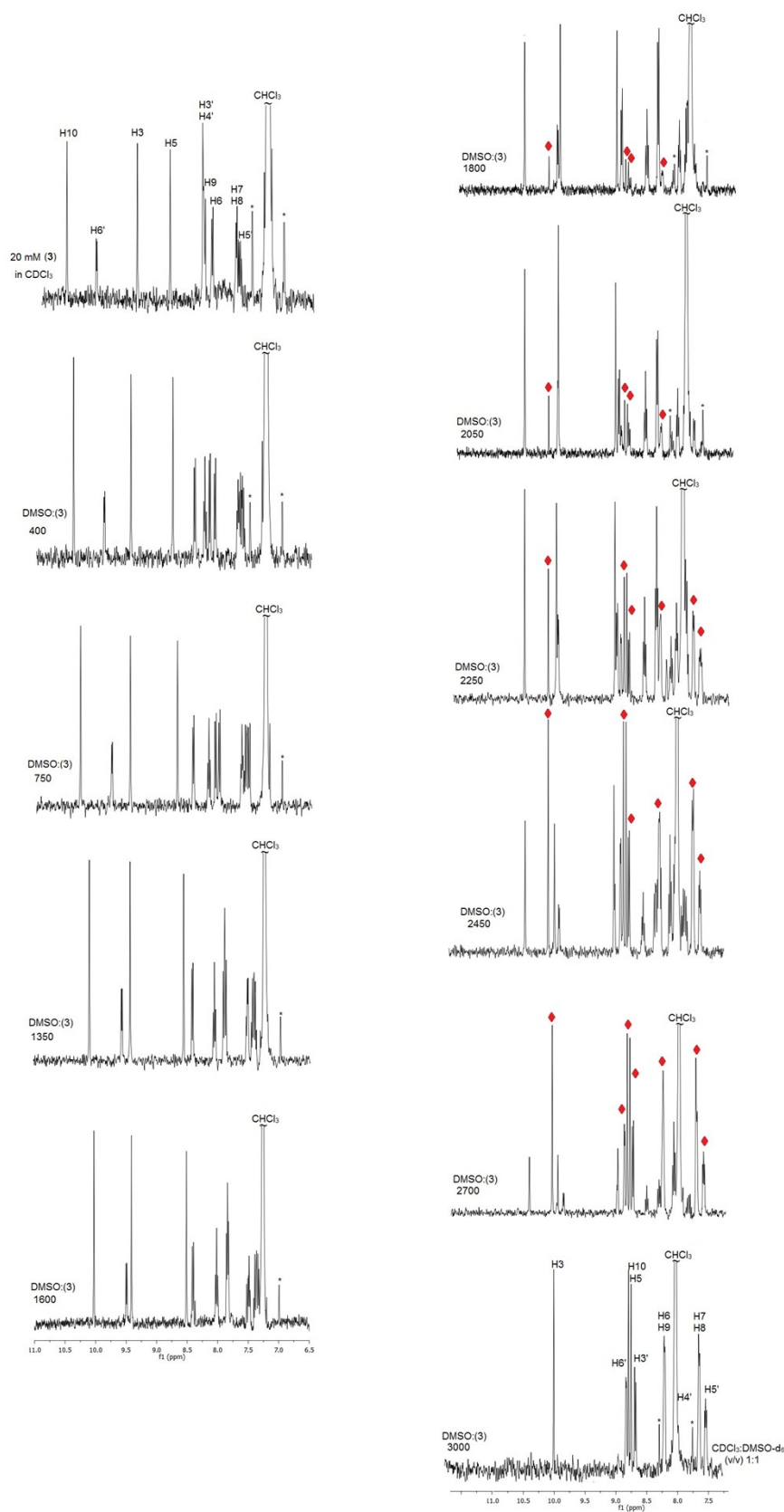


Figure S3. Part of ^1H NMR spectra of complex **(3)** in CDCl_3 during the titration with DMSO-d_6 . The molar ratio of $\text{DMSO}:(\mathbf{1})$ denoted in the left corner of each spectrum. Asterisk (*) shows the satellites of CHCl_3 and red rhomb the pop-up signals of the released ligand. Fast kinetics (at NMR time scale and 298 K) was observed until the ratio $\text{DMSO}:(\mathbf{1}) \sim 1700$.