

Supplementary Materials: Preparation and Biological Evaluation of Two Novel Platinum(II) Complexes Based on the Ligands of Dipicolylamine Bisphosphonate Esters

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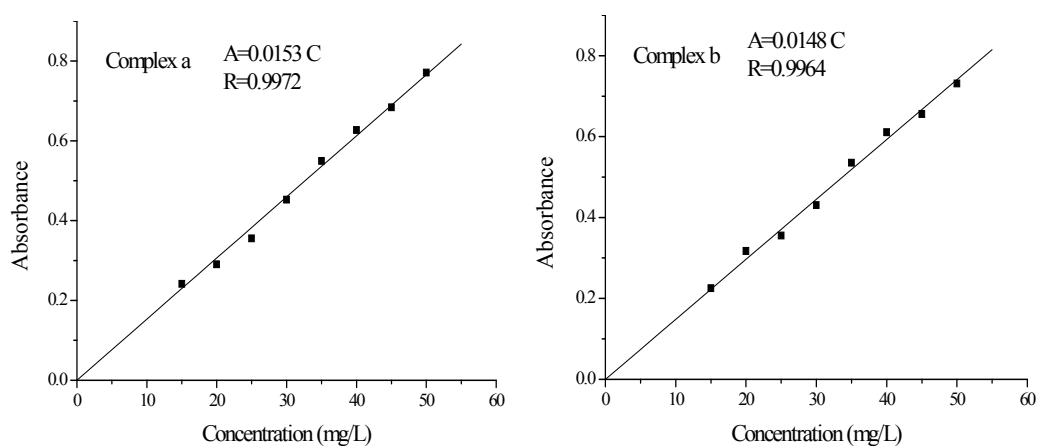


Figure S1. Standard curves of complexes a and b determined by UV-Vis absorption spectra in measuring the lipid-water partition coefficient of complex.

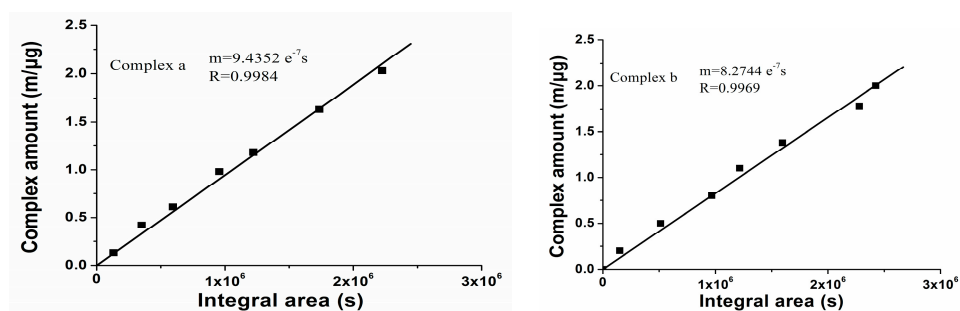


Figure S2. Standard curves of complexes a and b used in the HA-binding assay.

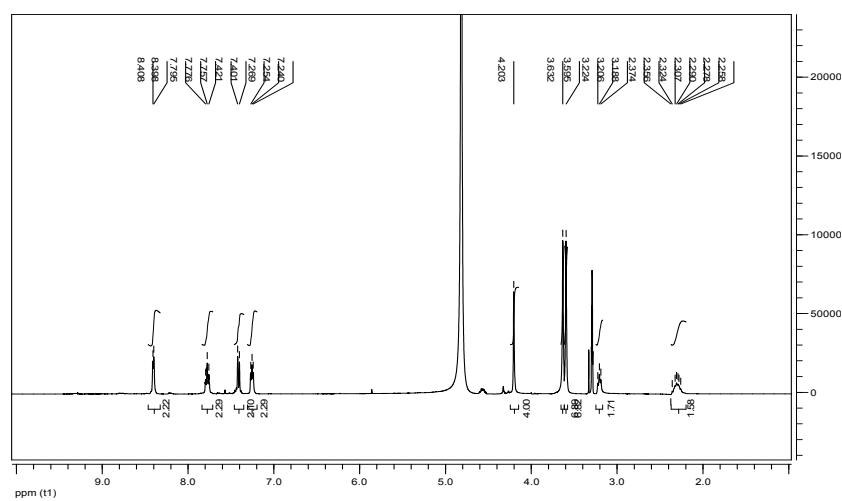
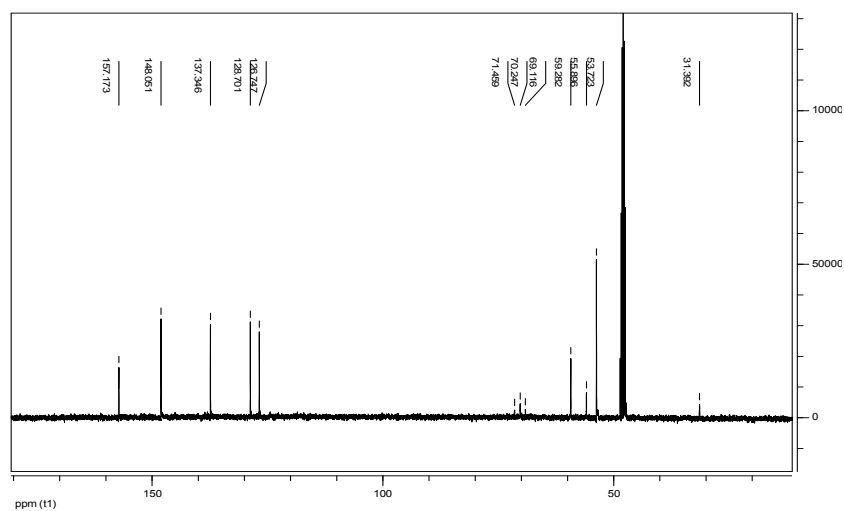
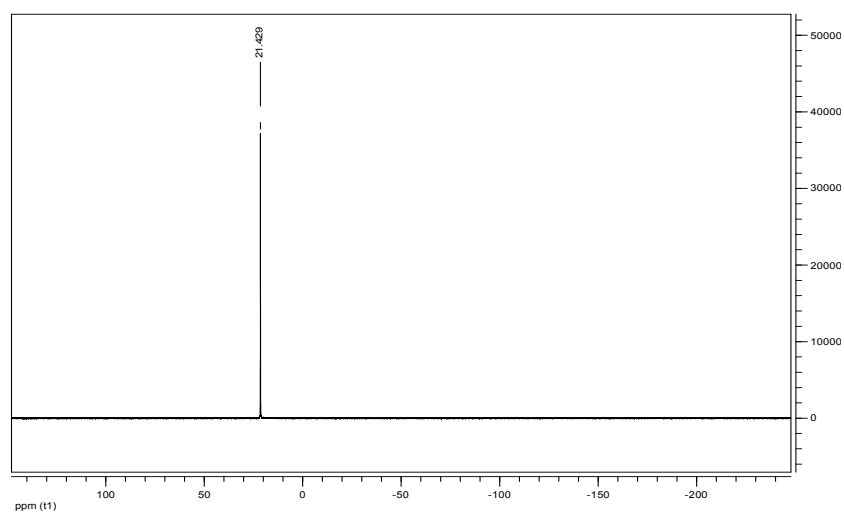
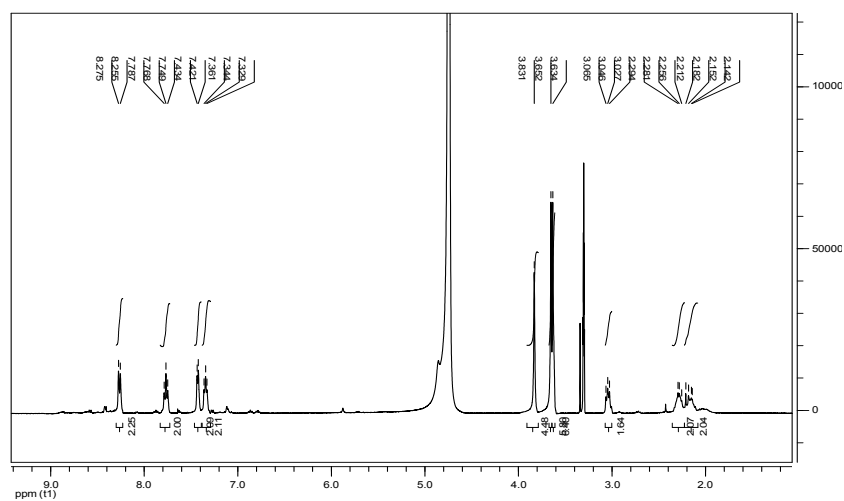


Figure S3. ¹H-NMR of ligand DPA (CD₃OD).

Figure S4. ^{13}C -NMR of ligand DPE (CD_3OD).Figure S5. ^{31}P -NMR of ligand DPE (CD_3OD).Figure S6. ^1H -NMR of ligand DAE (CD_3OD).

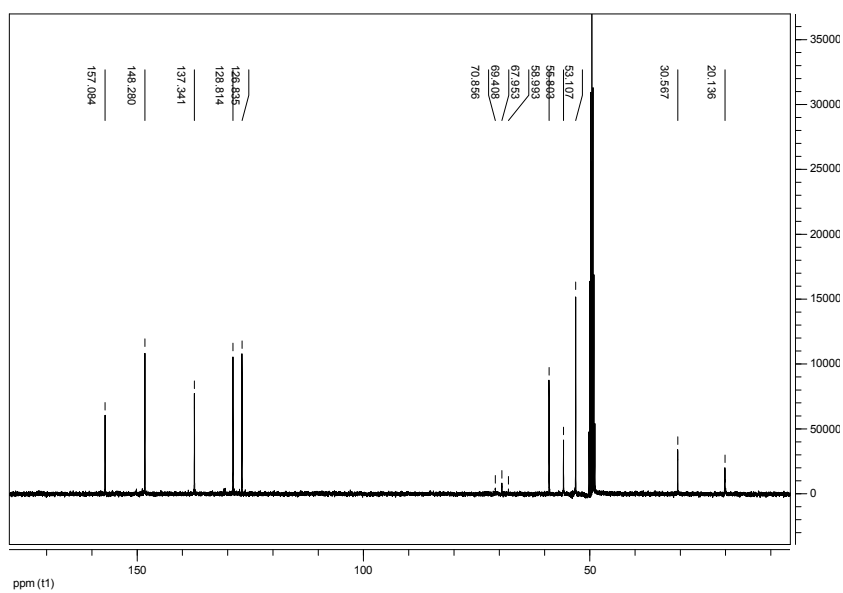


Figure S7. ^{13}C -NMR of ligand DAE (CD_3OD).

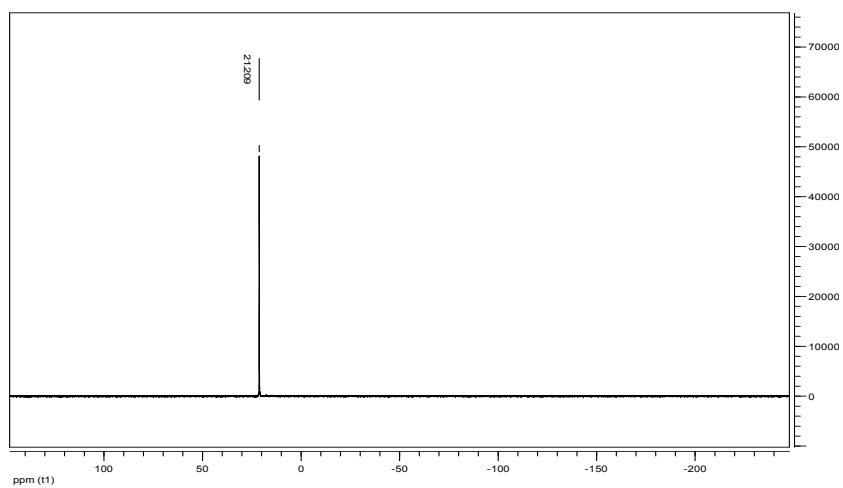


Figure S8. ^{31}P -NMR of ligand DAE (CD_3OD).

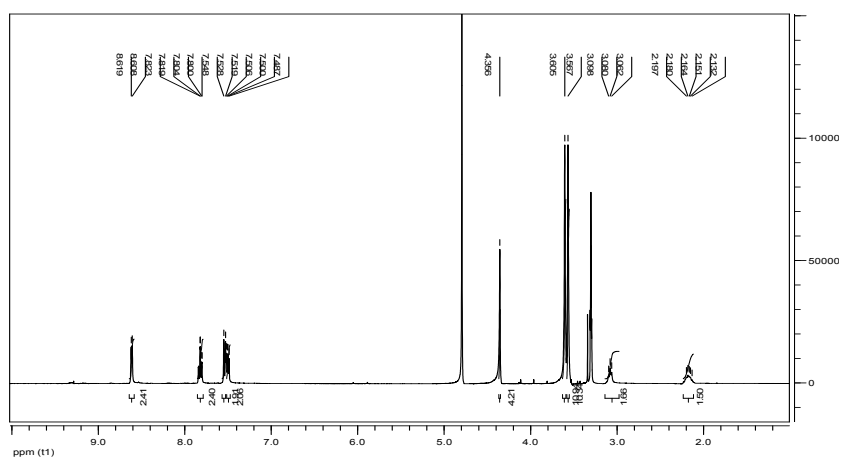
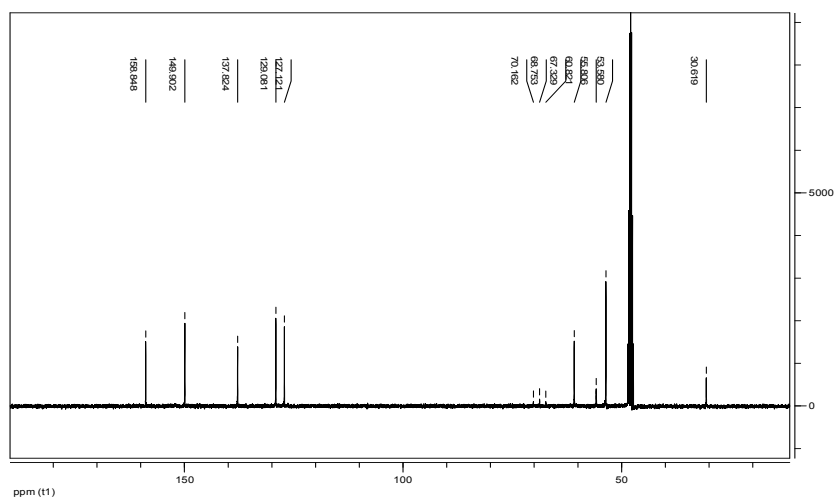
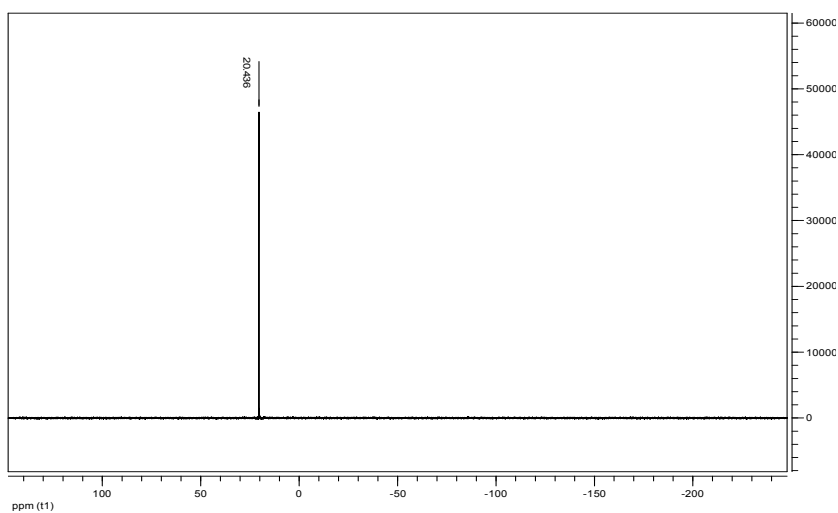
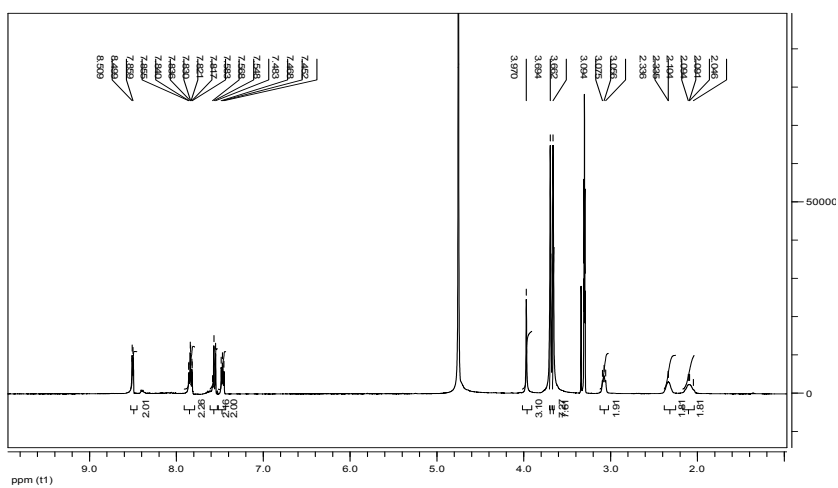


Figure S9. ^1H -NMR of complex a (CD_3OD).

Figure S10. ¹³C-NMR of complex **a** (CD₃OD).Figure S11. ³¹P-NMR of complex **a** (CD₃OD).Figure S12. ¹H-NMR of complex **b** (CD₃OD).

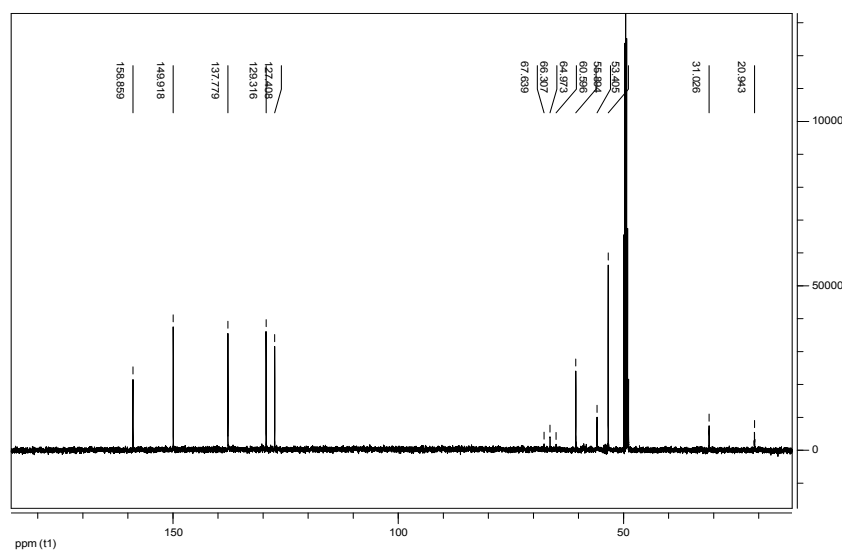


Figure S13. ^{13}C -NMR of complex **b** (CD_3OD).

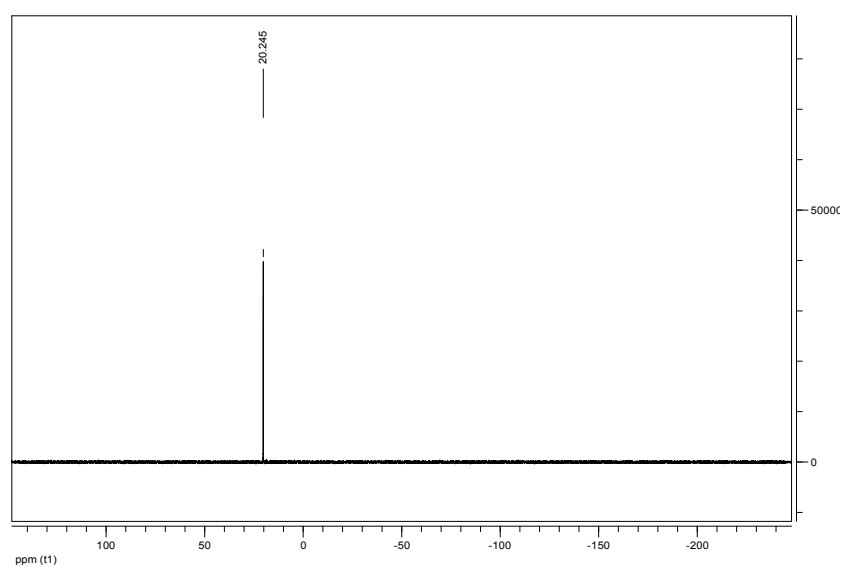


Figure S14. ^{31}P -NMR of complex **b** (CD_3OD).