



The Novel bis-dioxime-based and Boronic acid-capped Groups Containing Fe(II) and Co(II) Complexes: Synthesis, Characterization and Spectroscopy

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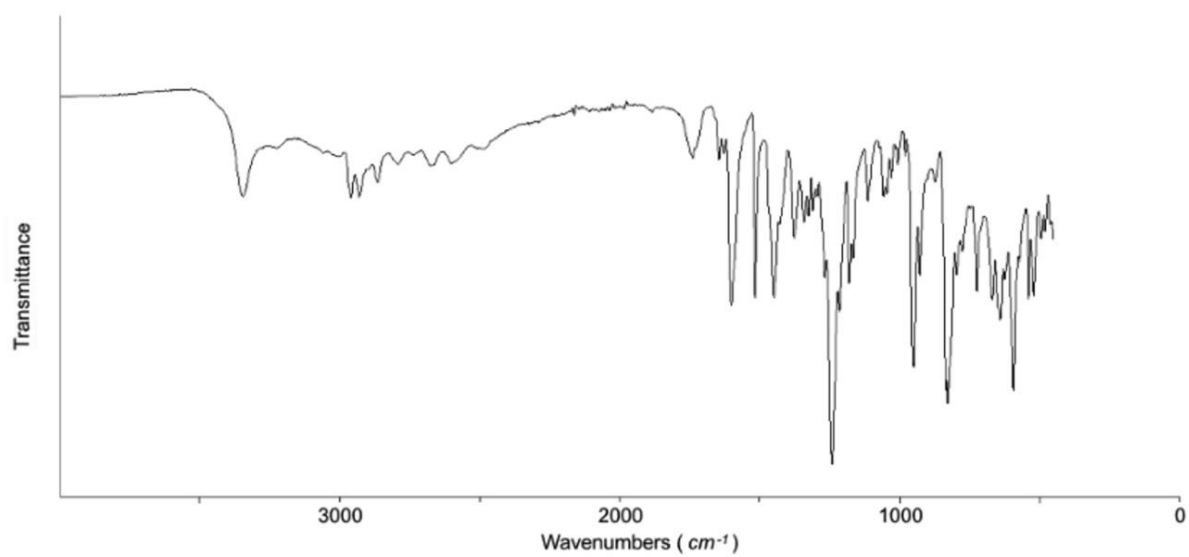


Figure S.1. FT-IR spectrum of dioxime ligand **(2)**.

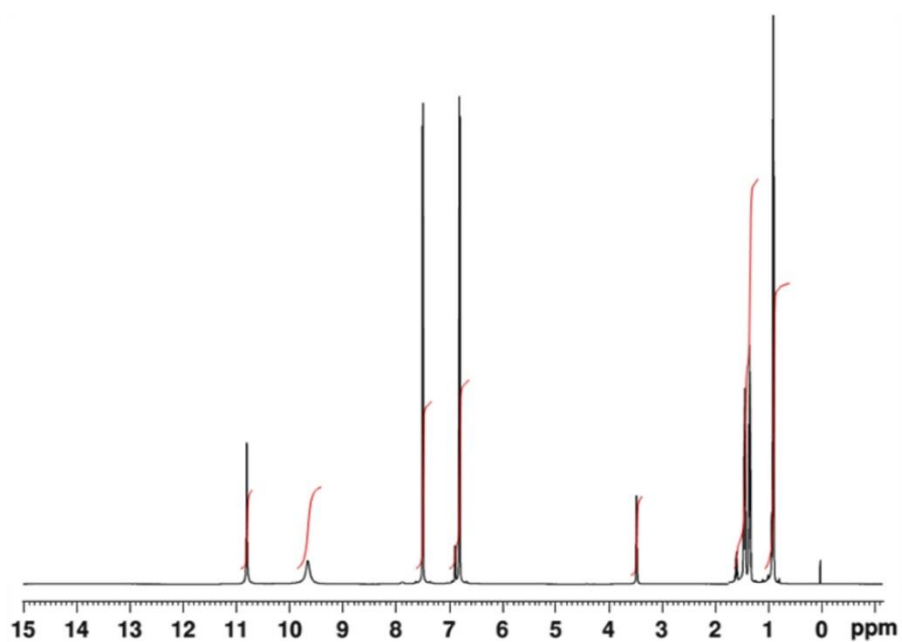


Figure S.2. ^1H -NMR spectrum of dioxime ligand (2).

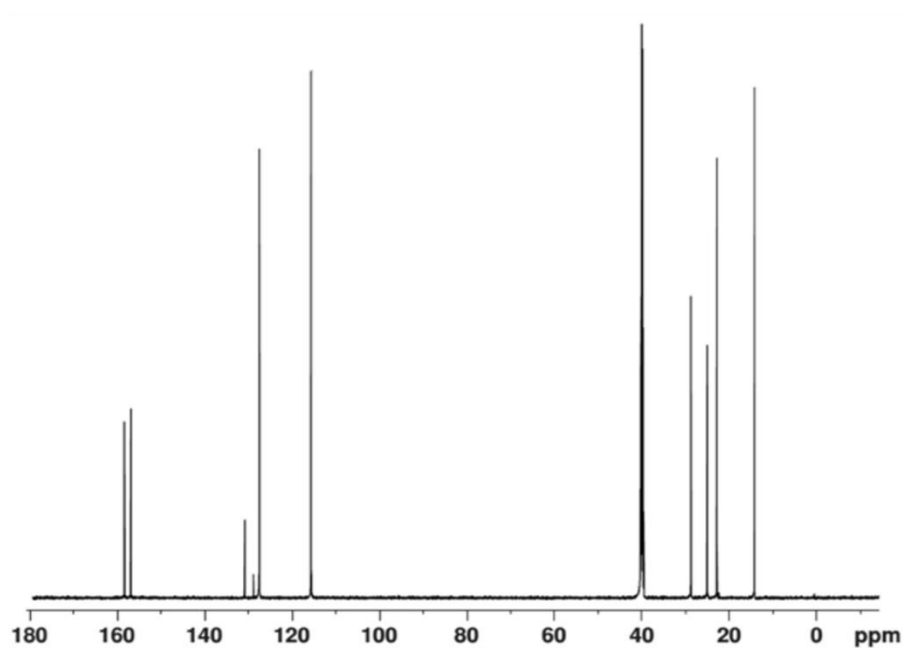


Figure S.3. ^{13}C -NMR spectrum of dioxime ligand (2).

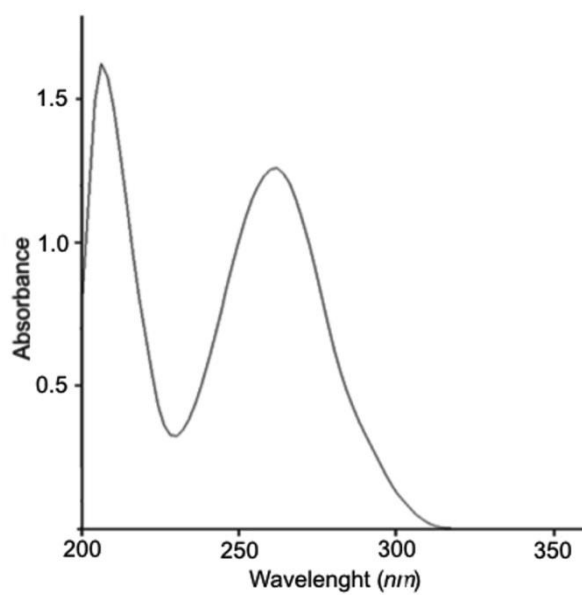


Figure S.4. The UV-Vis spectrum of the dioxime ligand **(2)** in EtOH solvent.

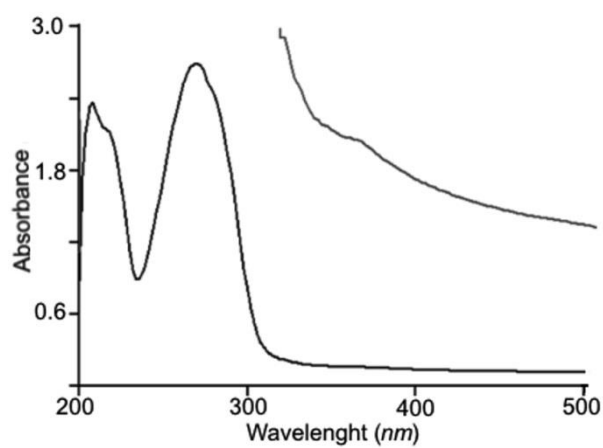


Figure S.5. The UV-Vis spectrum of the $[L_2Co(FBA)_2]$ **(5)** complex in CH_2Cl_2 solvent.

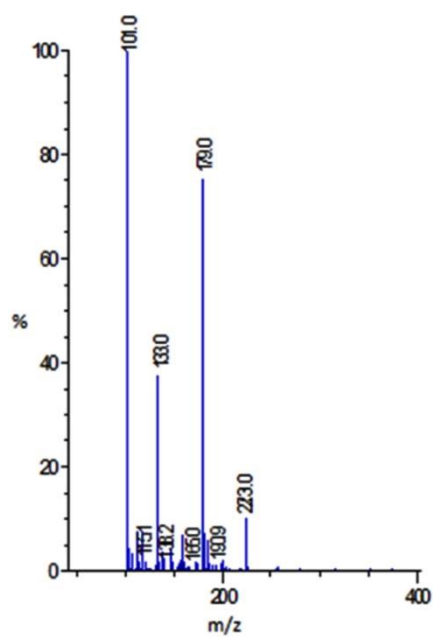


Figure S.6. The LC-MS spectrum of the dioxime (**2**) ligand.

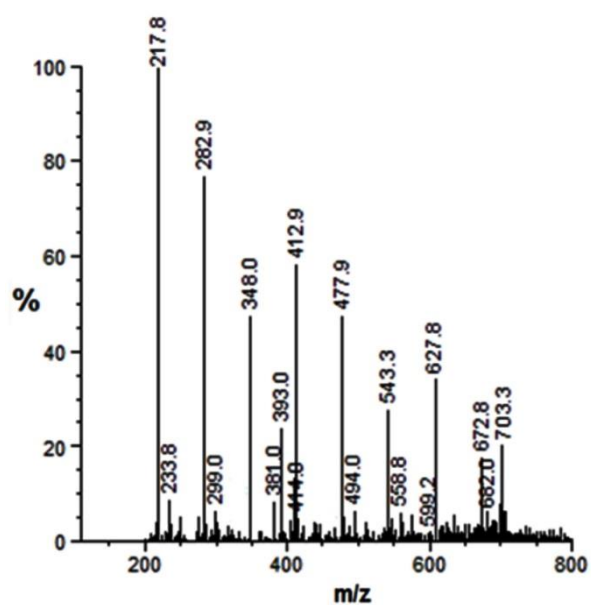


Figure S.7. The LC-MS spectrum of the $[(L)_2FeCl_2(BBA)_2]$ (**3**) complex.

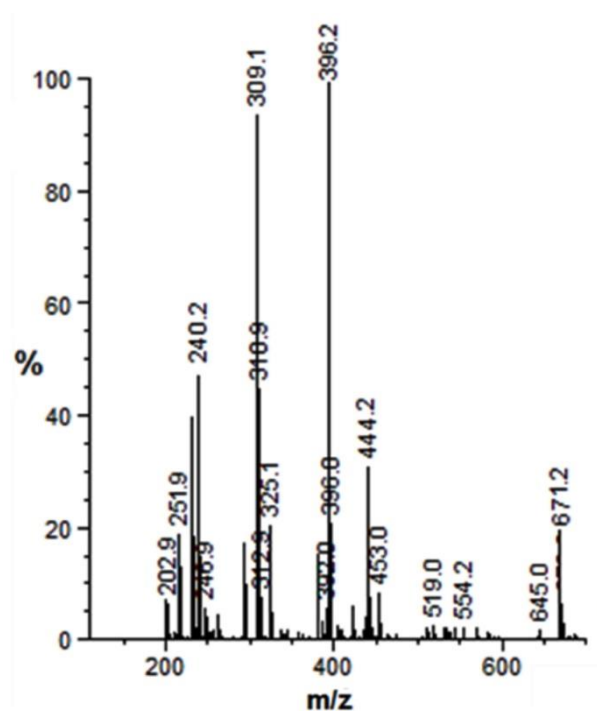


Figure S.8. The LC-MS spectrum of the $[(L)_2Co(H_2O)_2(BBA)_2]$ (**4**) complex.

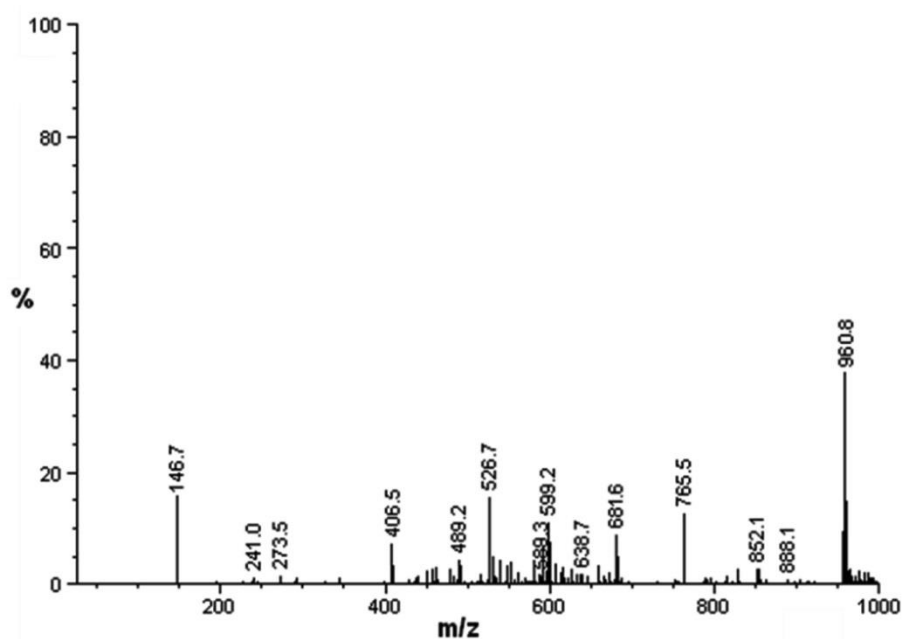


Figure S.9. The LC-MS spectrum of the $[(L)_2Fe(Cl)_2(FBA)_2]$ (**5**) complex.

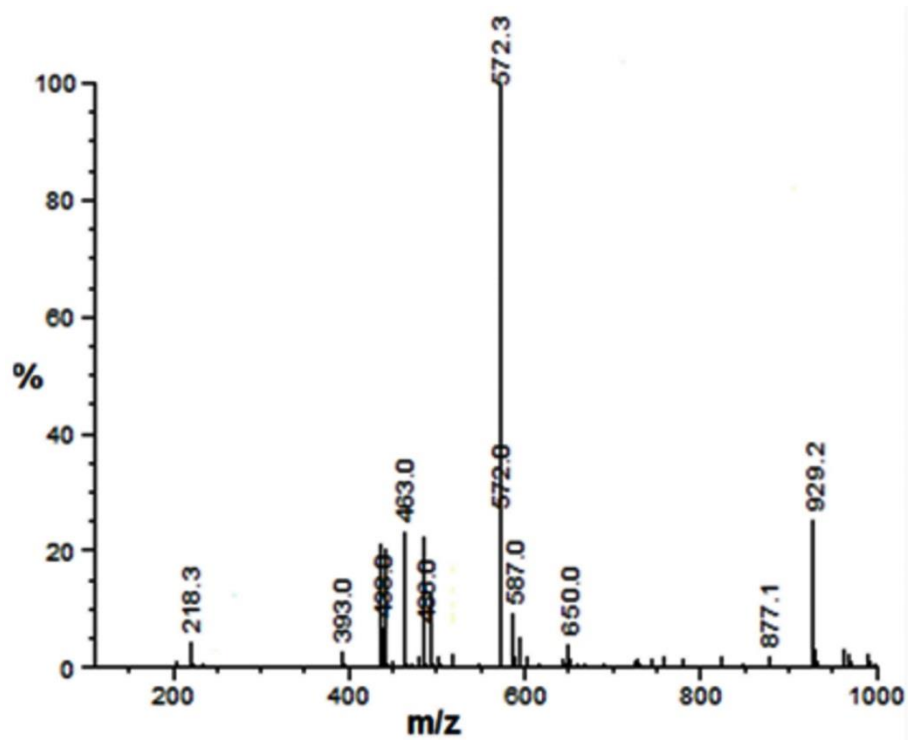


Figure S.10. The LC-MS spectrum of the $[(L)_2Co(H_2O)_2(FBA)_2]$ (**6**) complex.