

Supplementary Information

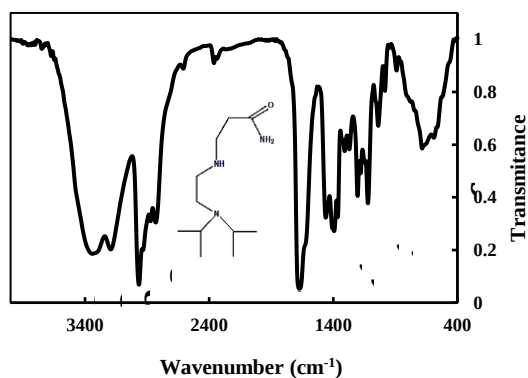


Fig. S1: The IR spectrum of the ligand L.

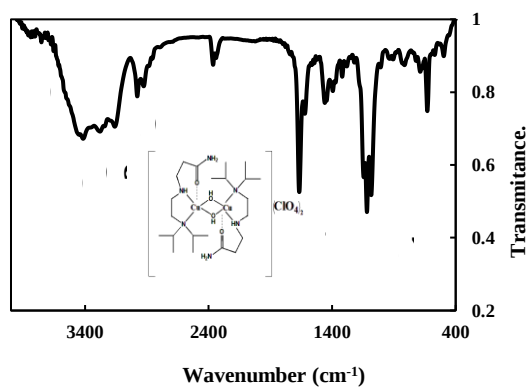


Fig. S2: The IR spectrum of the complex.

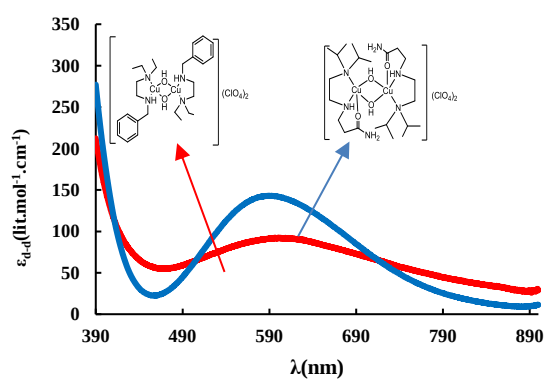


Fig S3: The spectra of $[\text{LCu}(\mu\text{-OH})_2\text{CuL}](\text{ClO}_4)_2$ at 85°C and $[\text{L}^{\text{Ph}}\text{Cu}(\mu\text{-OH})_2\text{CuL}^{\text{Ph}}](\text{ClO}_4)_2$ at room temperature in acetonitrile solution.

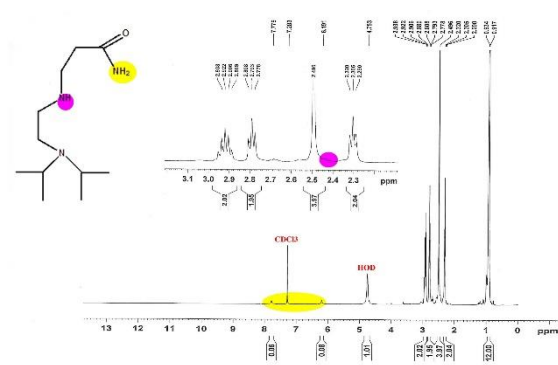


Fig. S4: ^1H -NMR spectrum of the ligand in CDCl_3 .

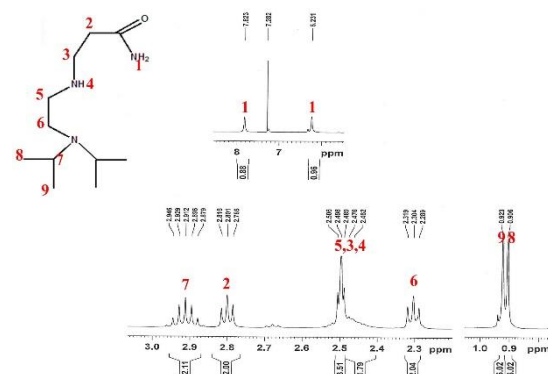


Fig. S5: The expanded ^1H -NMR spectrum of the ligand in CDCl_3 .

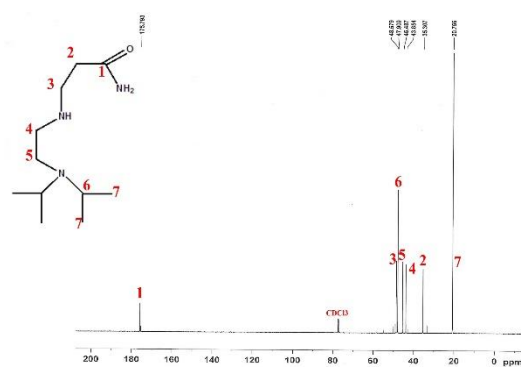


Fig. S6: ^{13}C -NMR spectrum of the ligand in CDCl_3 .