

Supporting Information

Synthesis, Characterization, and Biological Activity of Mixed Ligand Complexes from 8-Hydroxyquinoline and New Ligand for β -Enaminone

Maysam B. Abdulsalam, Ahmed T. Numan*

Department of Chemistry, College of Education for Pure Sciences, Ibn- Al - Haitham, University of Baghdad, Baghdad, Iraq

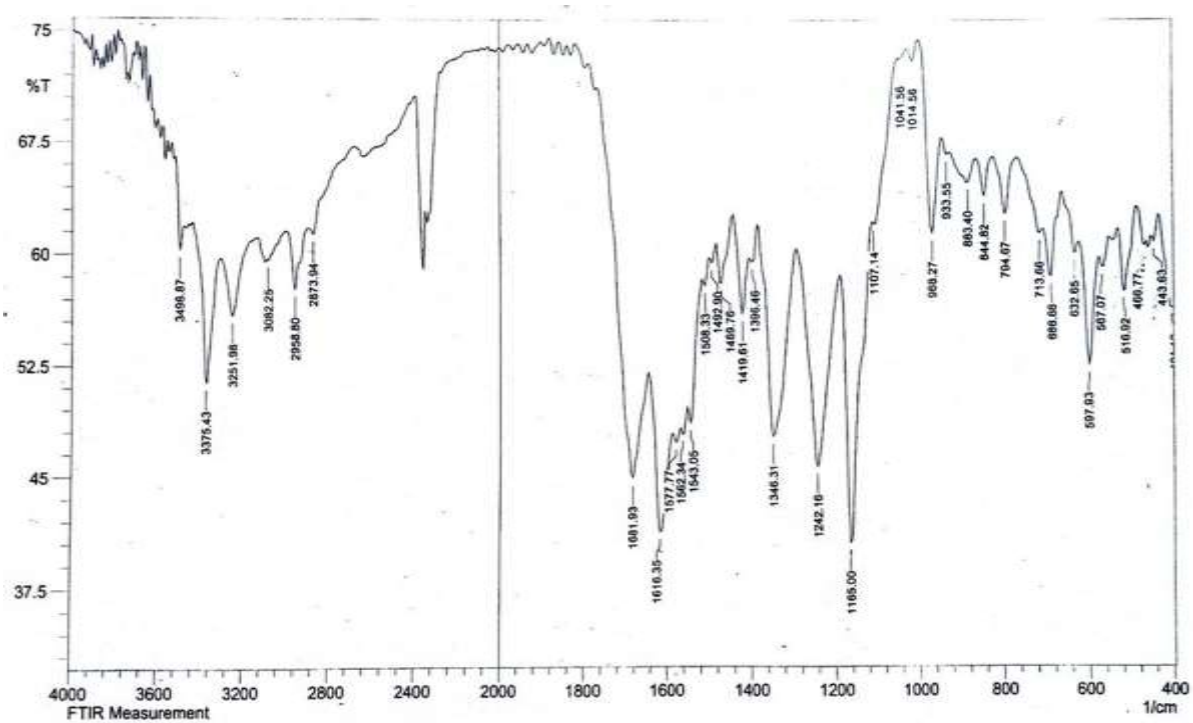


Figure S1: FT - IR spectrum of the ligand [H₂L₁]

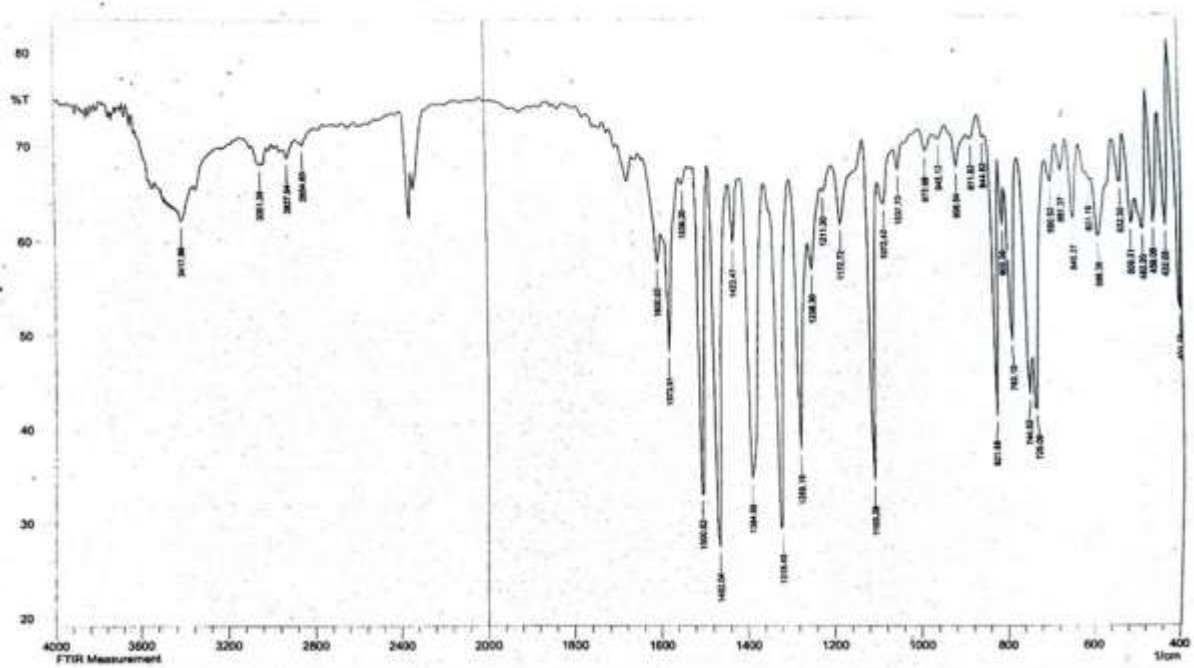


Figure S2: FT-IR spectrum of $K_2[Cd(L_1)(Q)Cl_2]$.

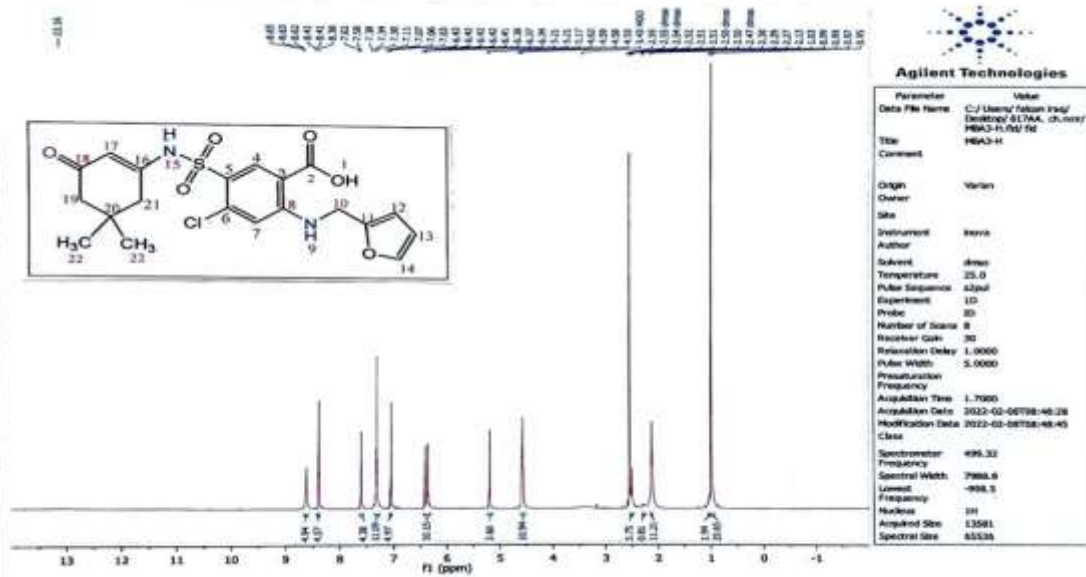
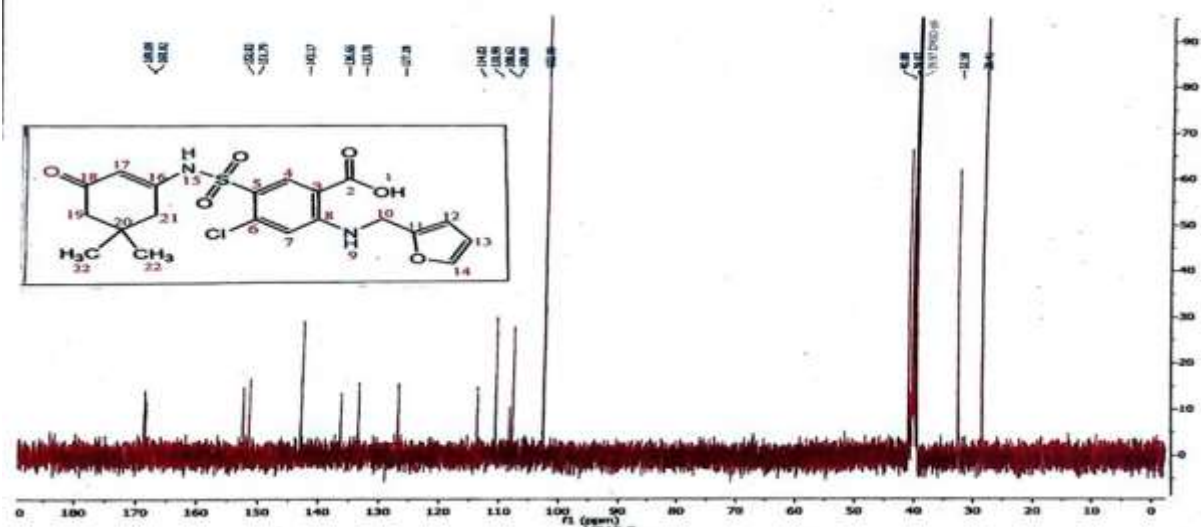


Figure S3: ¹H-NMR spectrum of Precursor [H₂L₁] in DMSO-d₆ Solvent



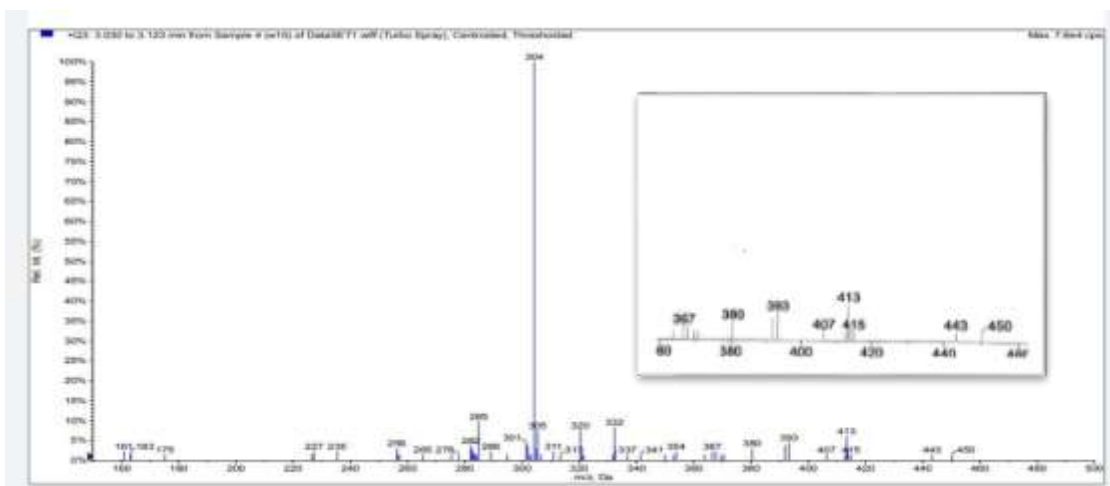


Figure S5: ESI (+) mass spectrum of the precursor [H₂L₁]

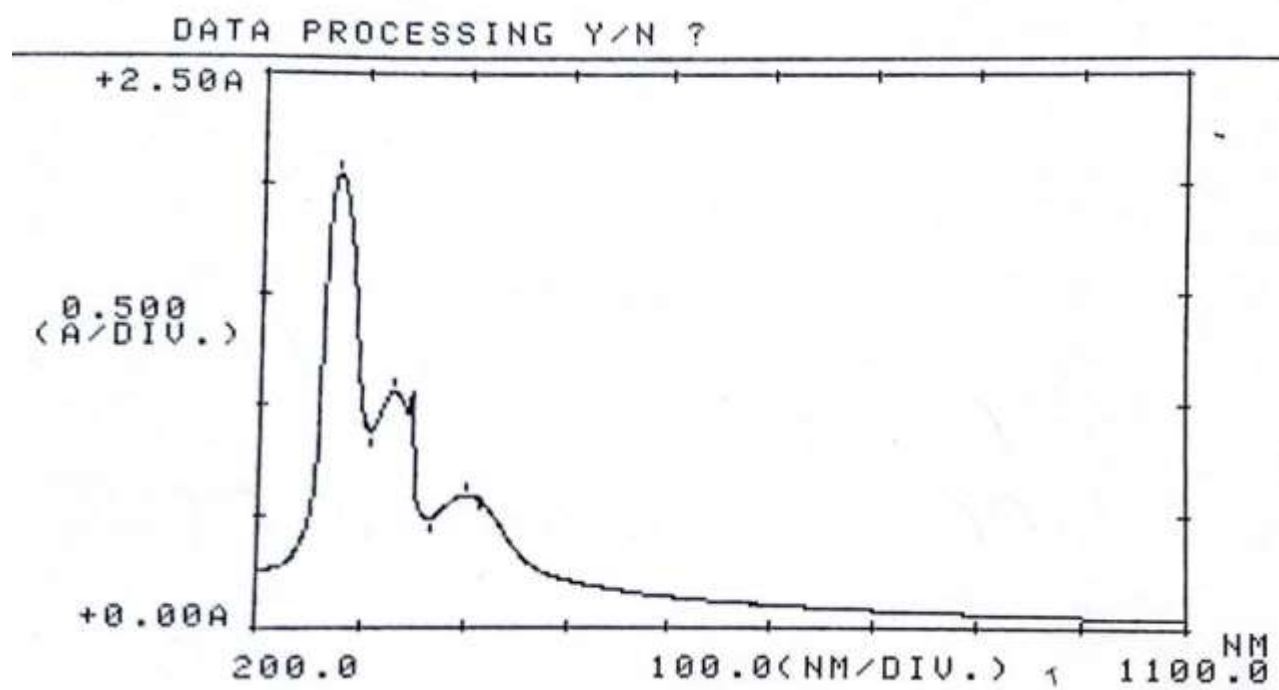


Figure S6: Electronic spectrum of $K_2 [Cd(L_1) (Q)Cl_2]$

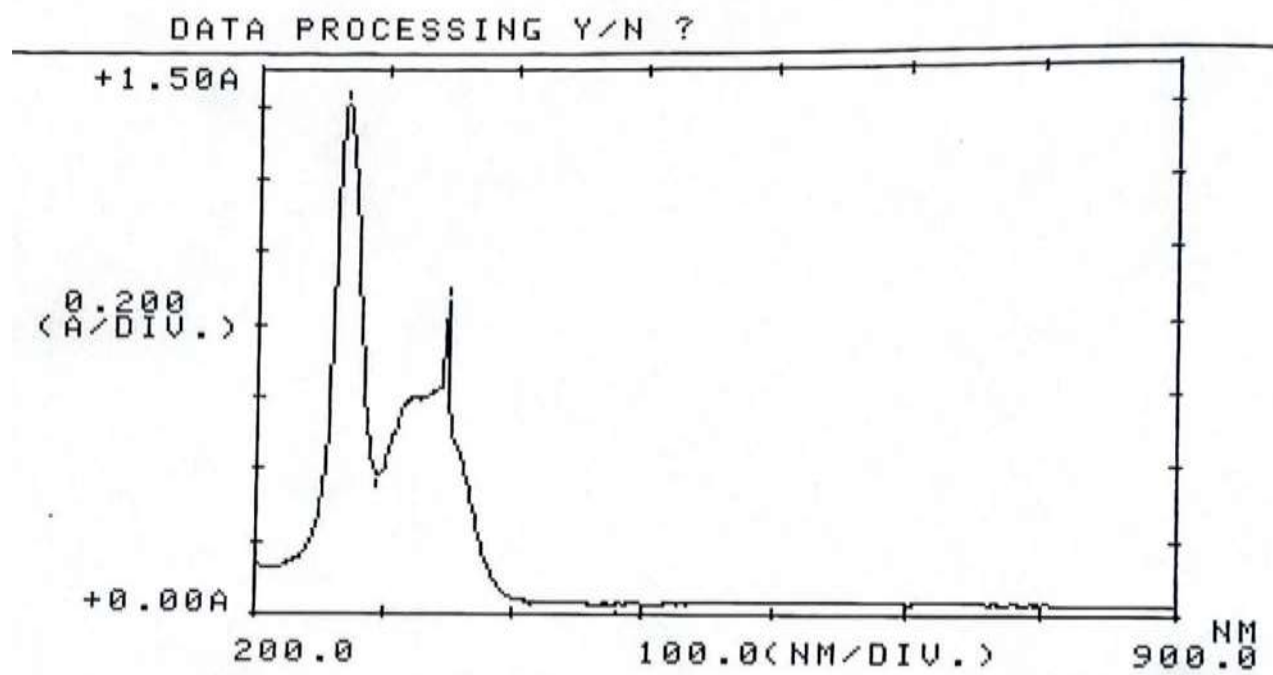


Figure S7: Electronic spectrum of $[\text{Pt}(\text{L}_1)(\text{Q})\text{Cl}_2]$