

Electronic Supplementary Information

For

Synthesis and Structure of Nickel(II) thiocarboxamide Complexes: Effect of ligand substitution on DNA/Protein binding, Antioxidant and Cytotoxicity.

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List of items:

1. ^1H and ^{13}C NMR Spectra of the complexes 1-4..... S2-S9
2. Absorbance spectra of the complexes 1-4.....S10-S11
3. MTT Assay of complex 3S12

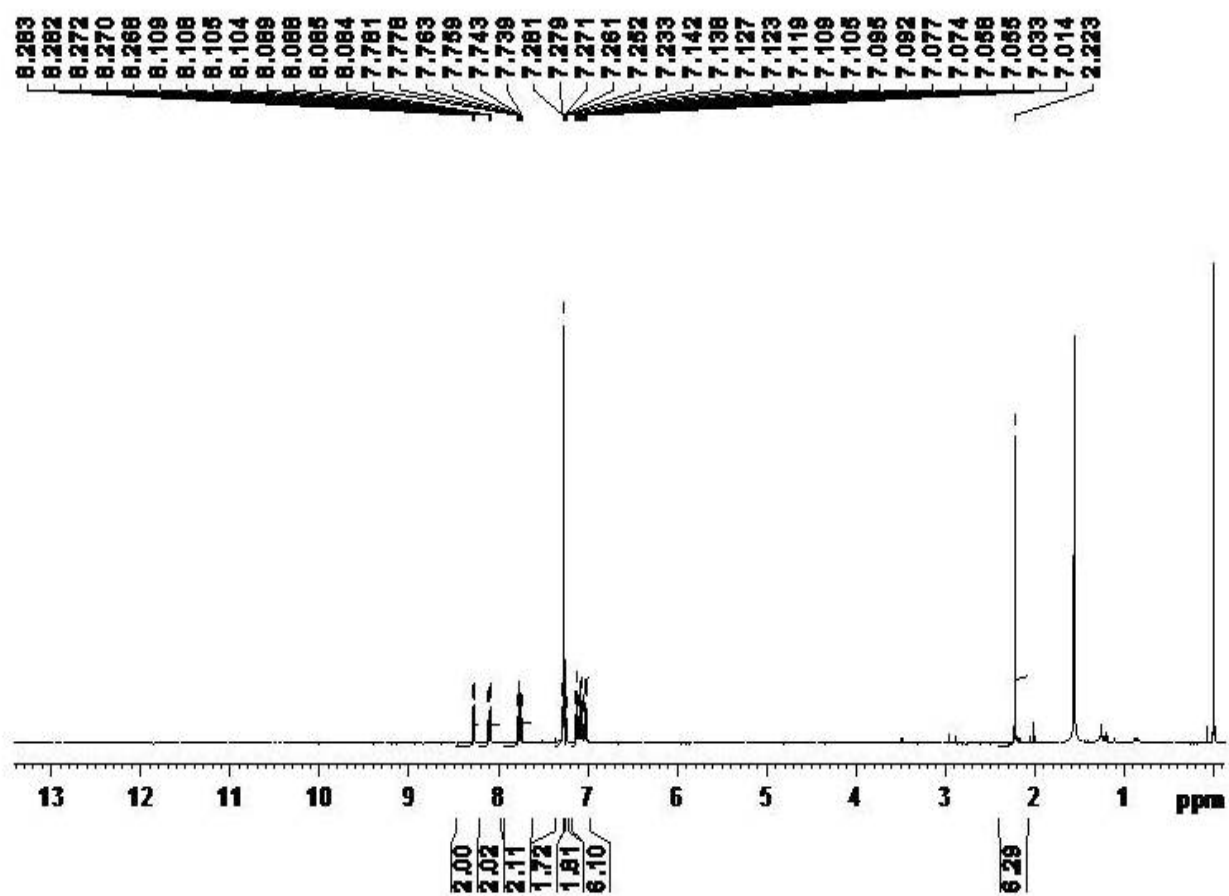


Figure S1: ^1H NMR of $[\text{Ni}(\text{L}1)_2]$ in CDCl_3

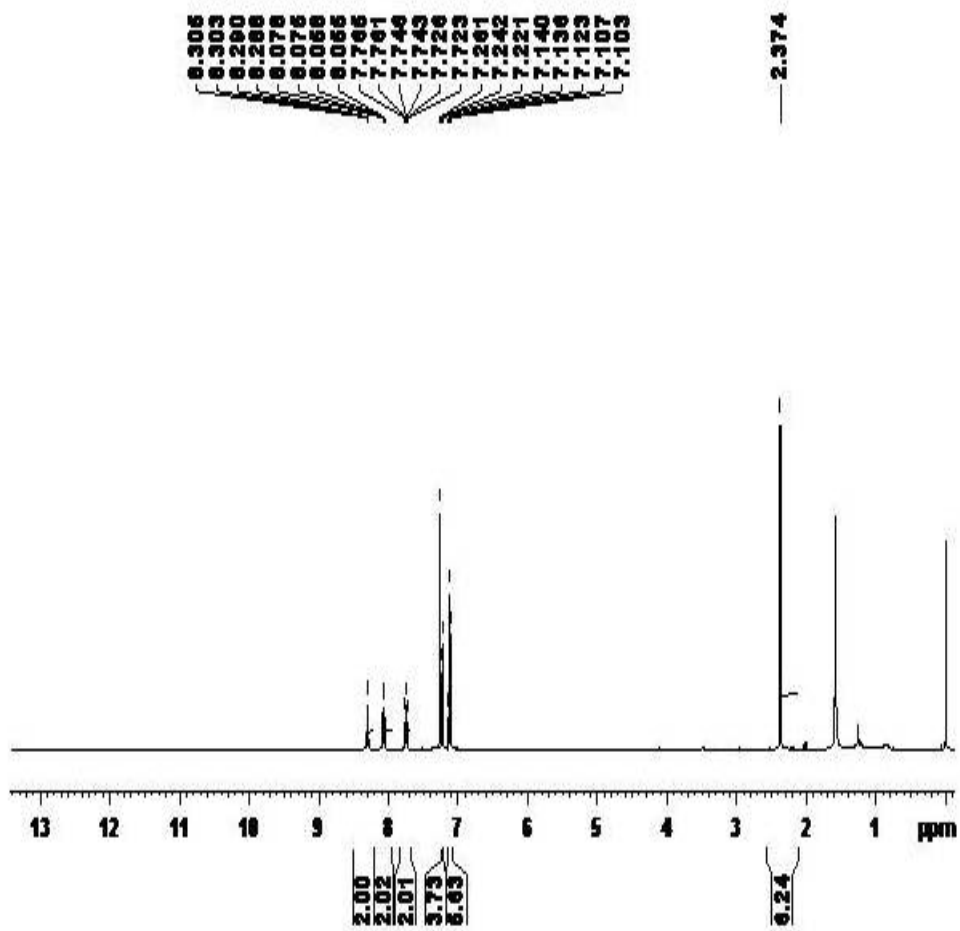


Figure S2: ^1H NMR of $[\text{Ni}(\text{L}2)_2]$ in CDCl_3

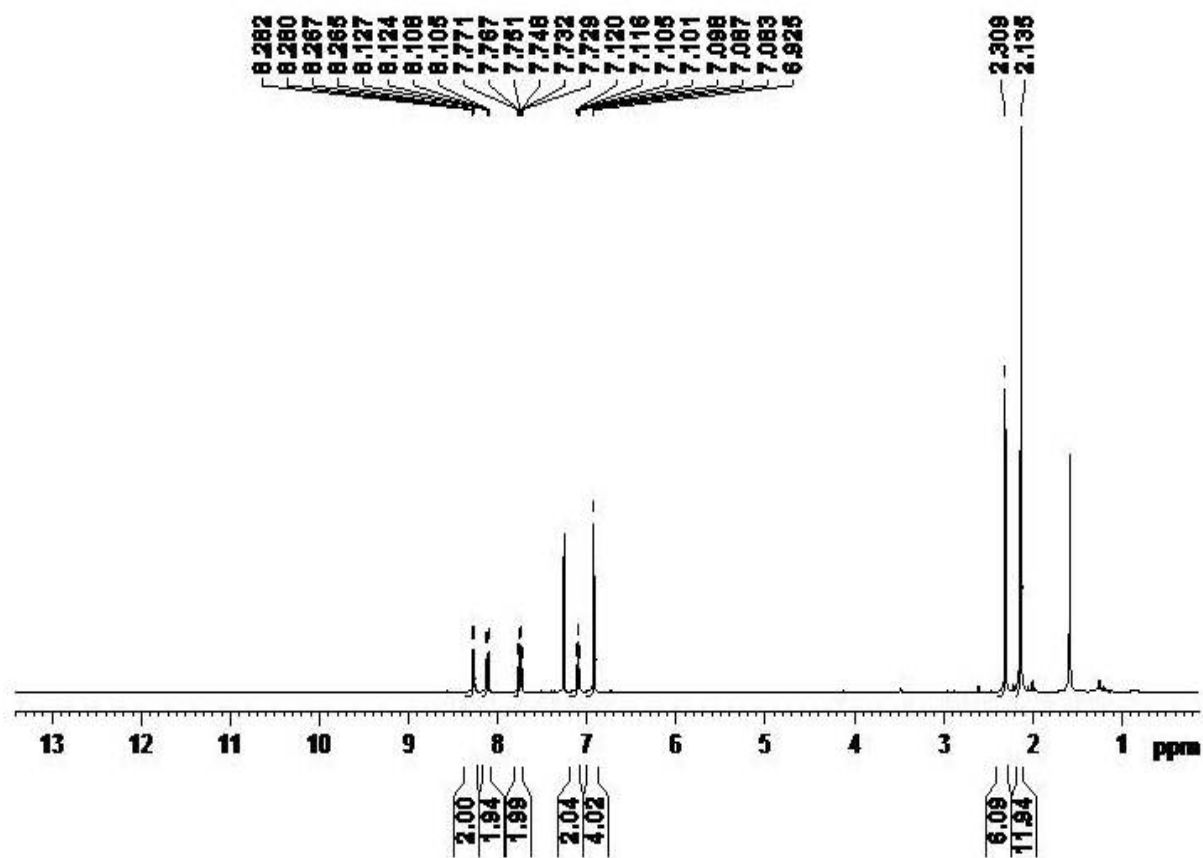


Figure S3: ^1H NMR of $[\text{Ni}(\text{L}3)_2]$ in CDCl_3

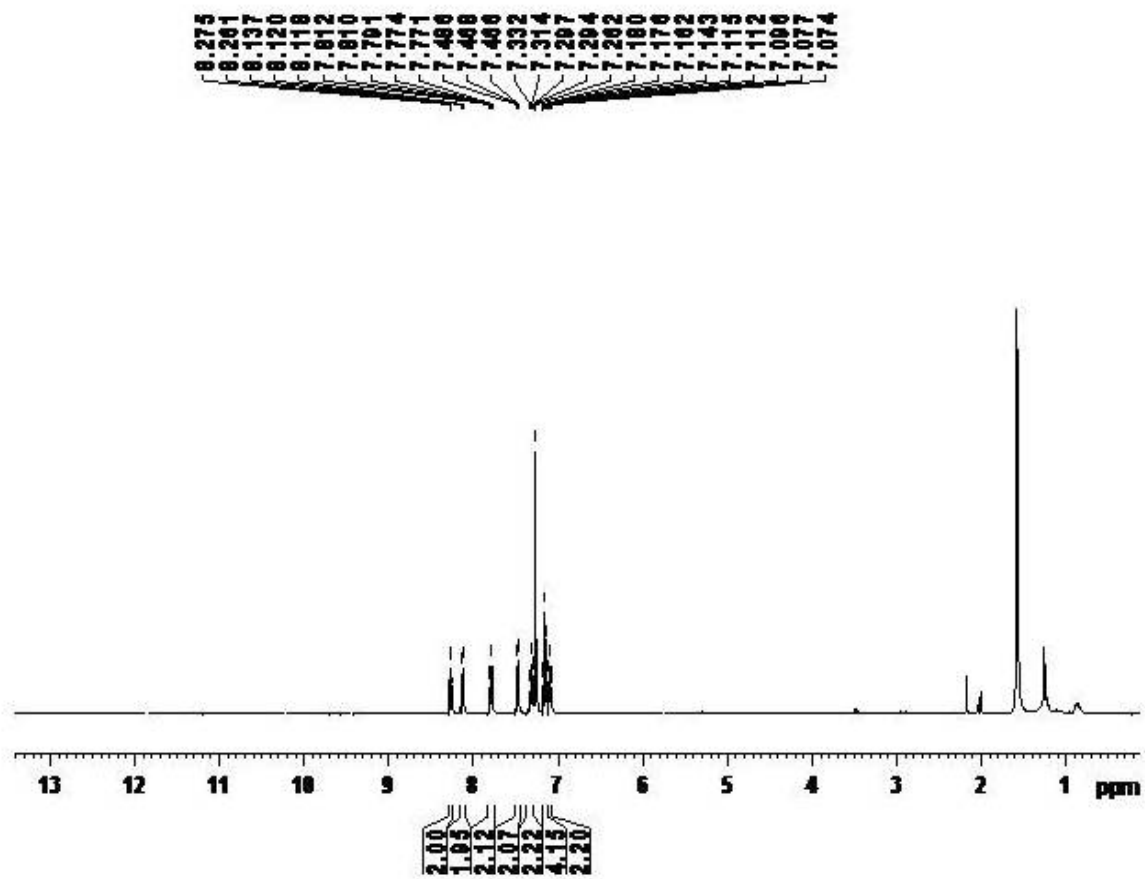


Figure S4: ^1H NMR of $[\text{Ni}(\text{L}4)_2]$ in CDCl_3

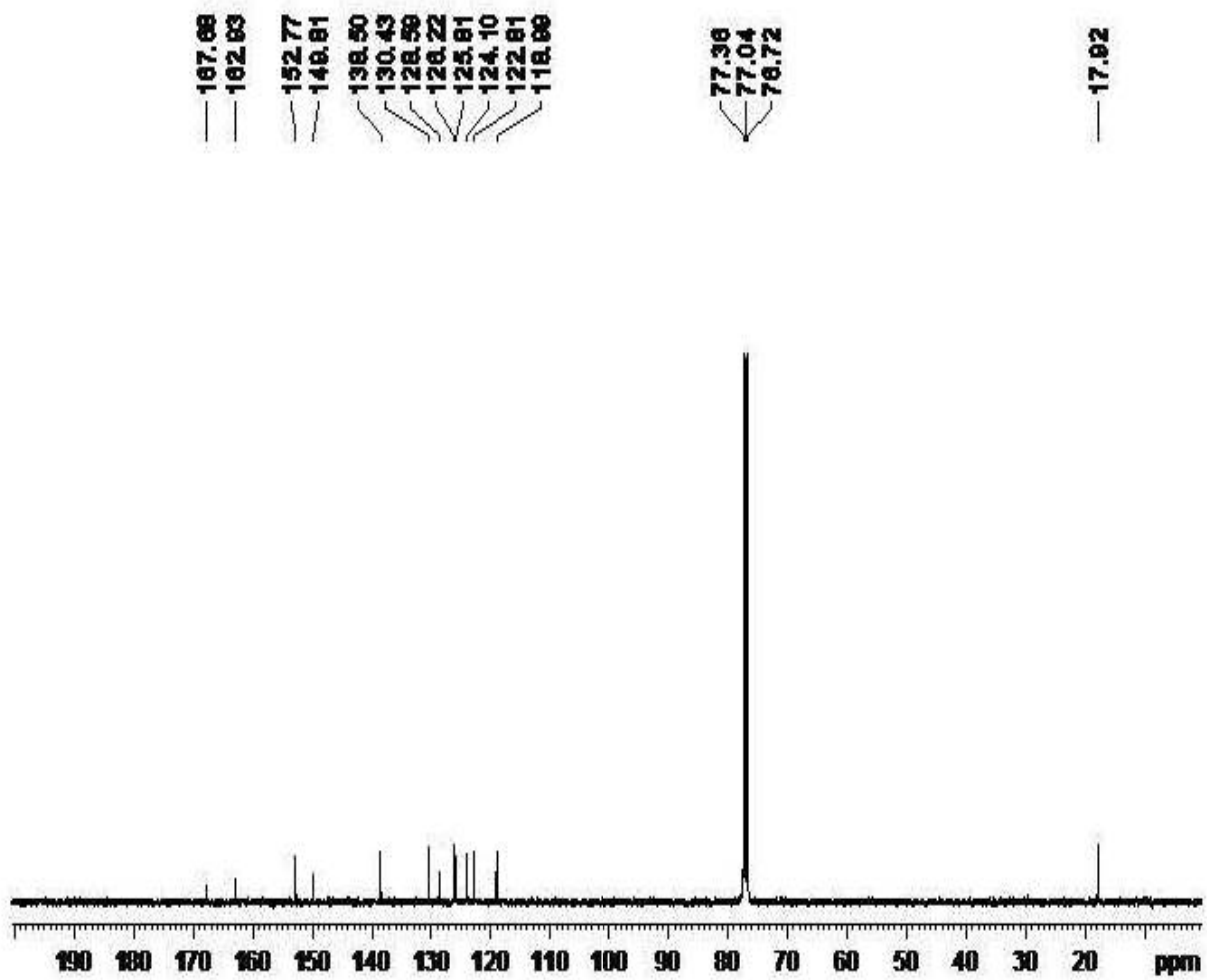


Figure S5: ^{13}C NMR of $[\text{Ni}(\text{L}1)_2]$ in CDCl_3

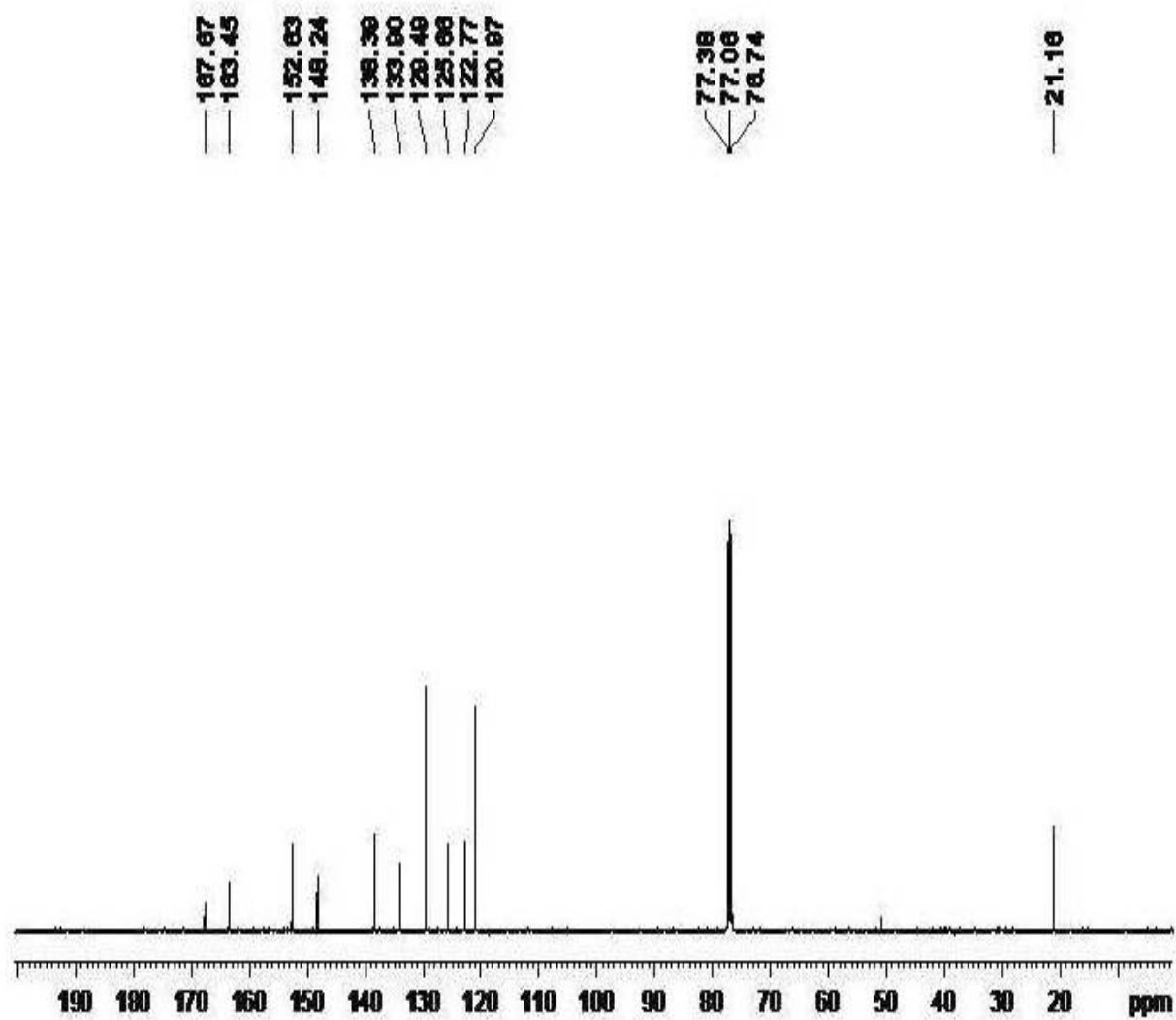


Figure S6: ^{13}C NMR of $[\text{Ni}(\text{L}2)_2]$ in CDCl_3

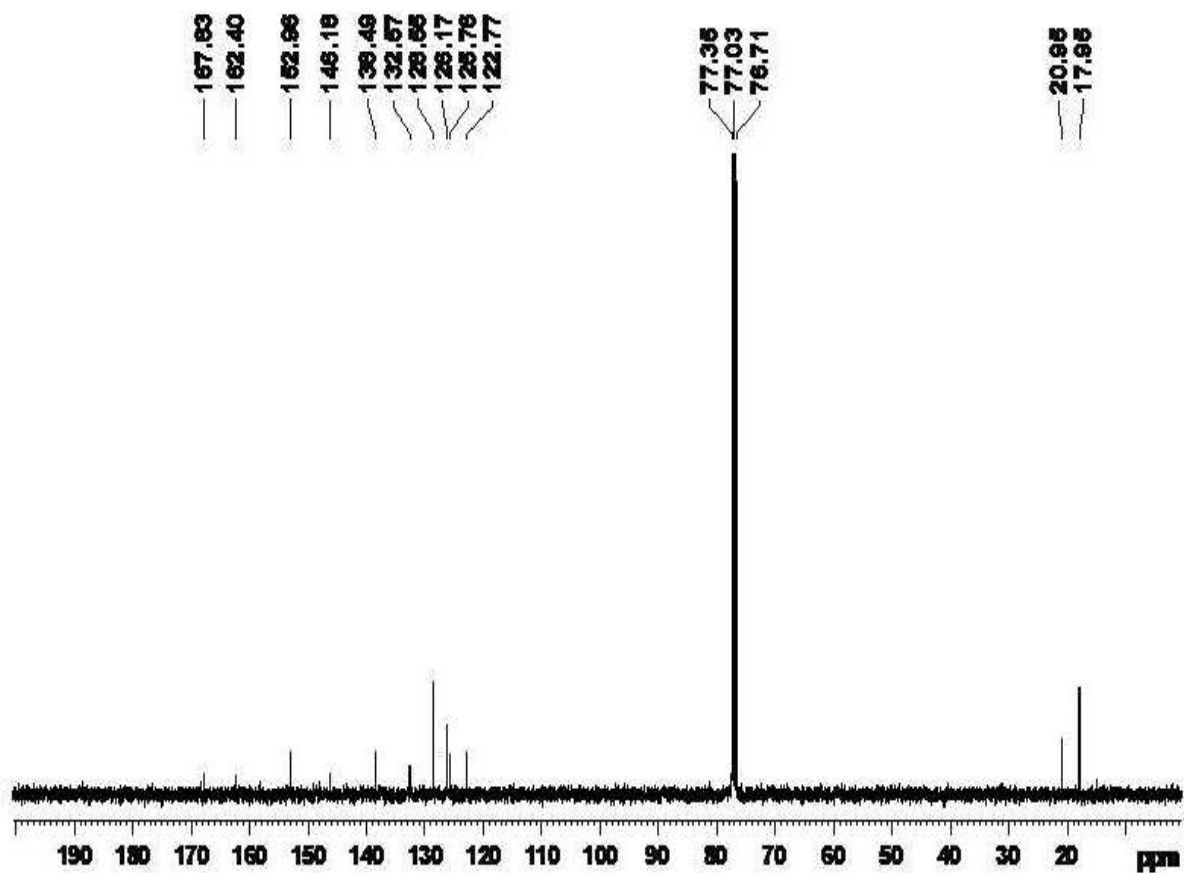


Figure S7: ^{13}C NMR of $[\text{Ni}(\text{L}3)_2]$ in CDCl_3

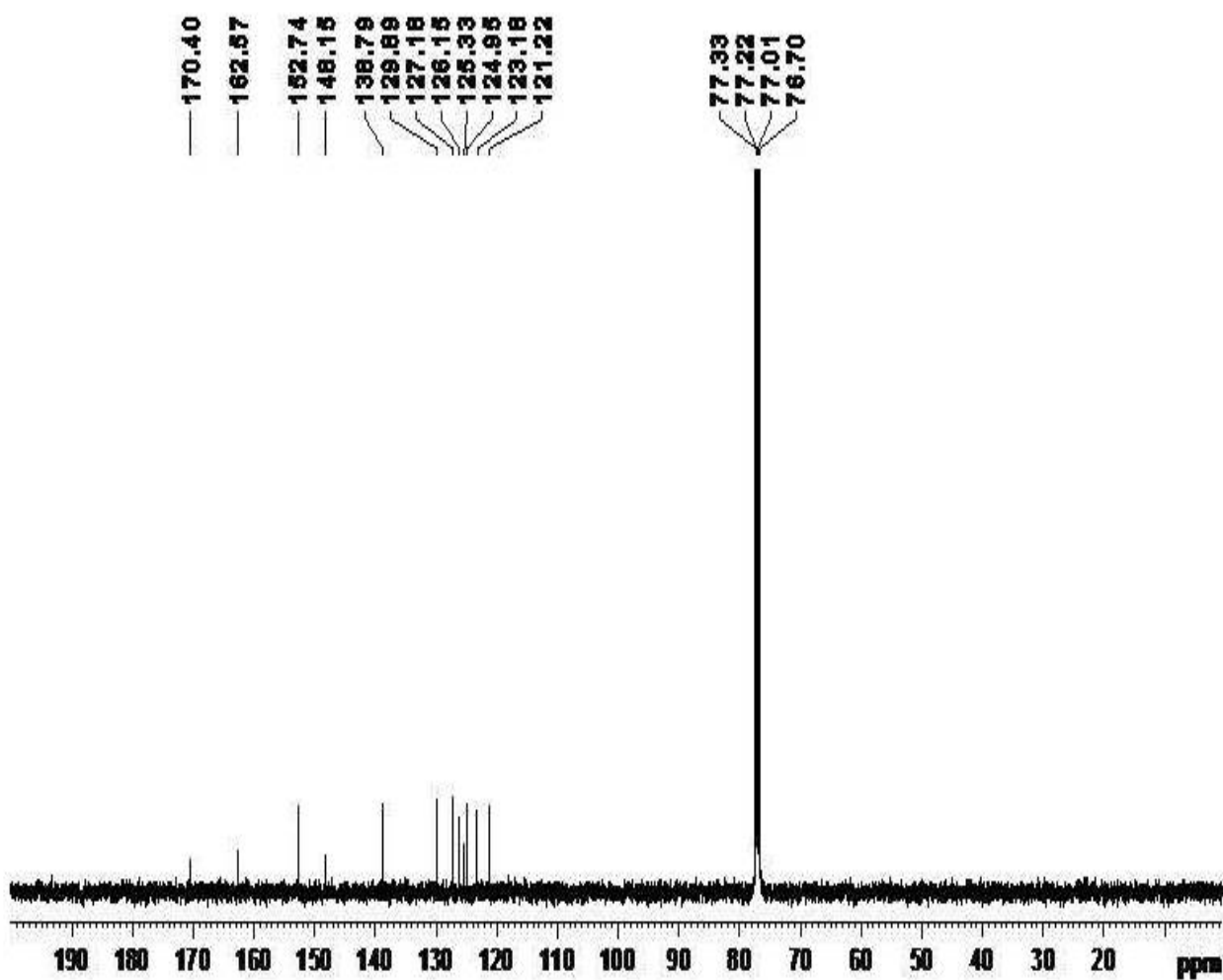


Figure S8: ^{13}C NMR of $[\text{Ni}(\text{L4})_2]$ in CDCl_3

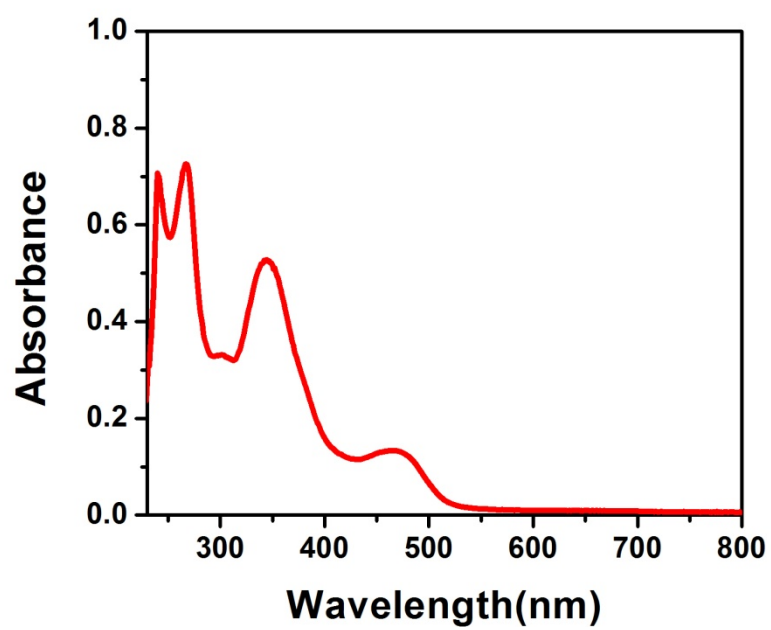


Figure S9: UV-Vis spectrum of [Ni(L1)₂] in CHCl₃

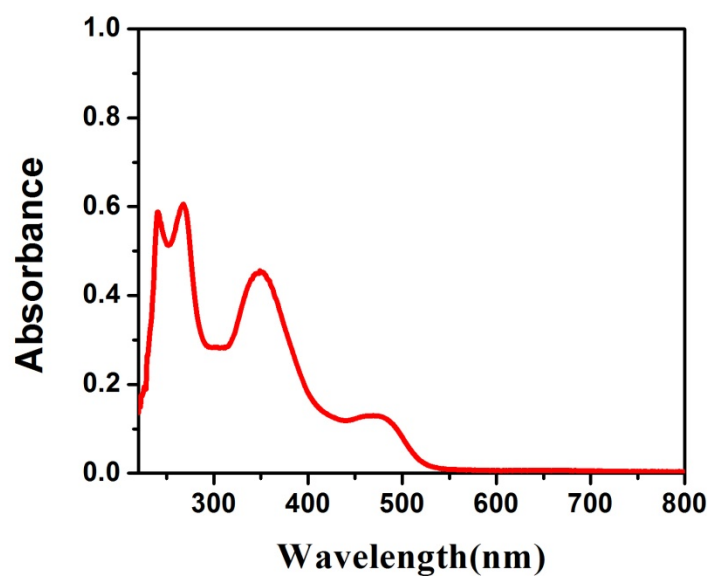


Figure S10: UV-Vis spectrum of [Ni(L2)₂] in CHCl₃

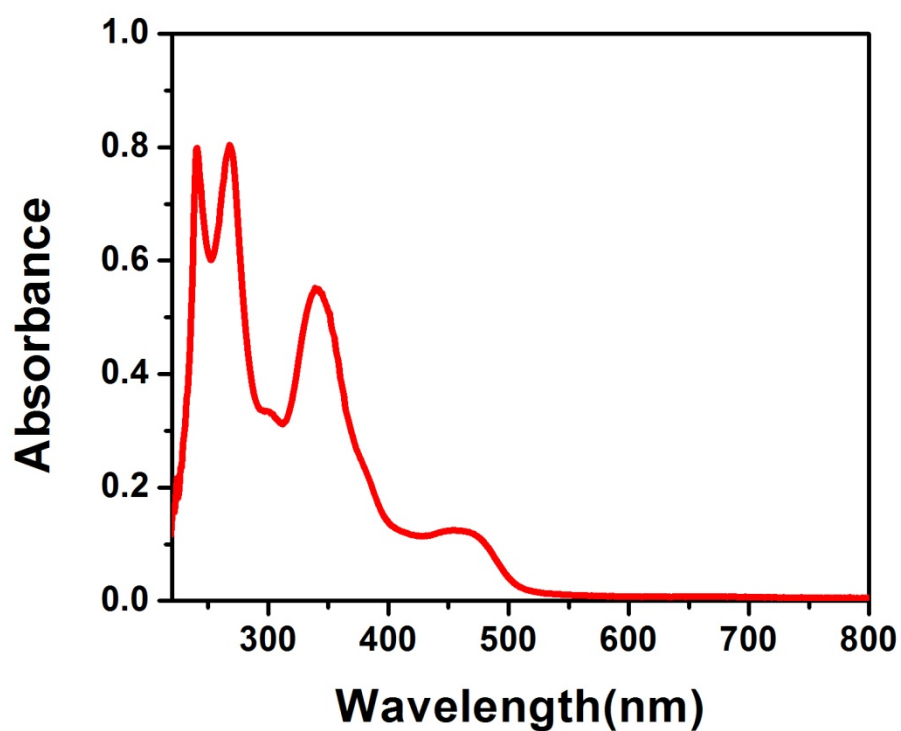


Figure S11: UV-Vis spectrum of [Ni(L3)₂] in CHCl₃

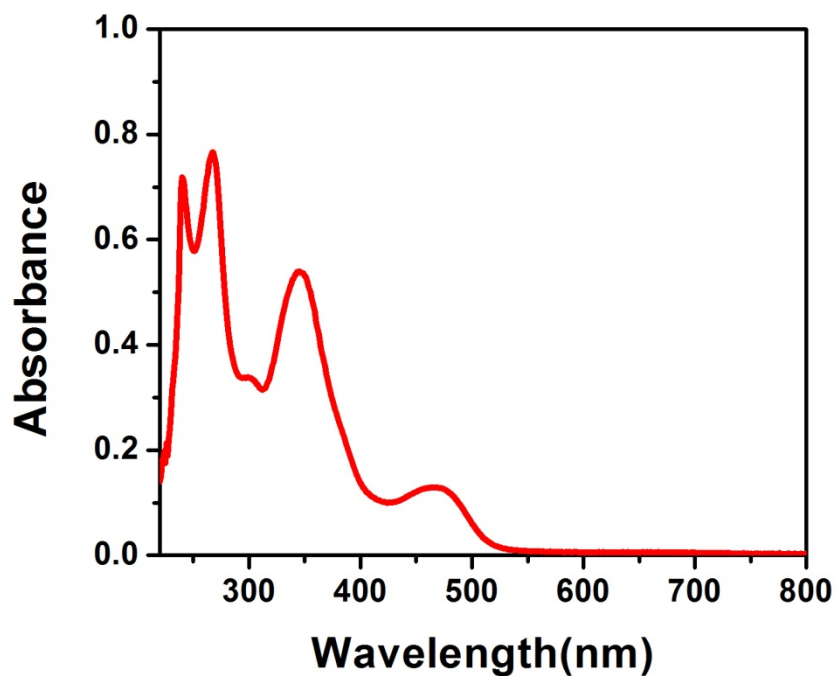


Figure S12: UV-Vis spectrum of [Ni(L4)₂] in CHCl₃

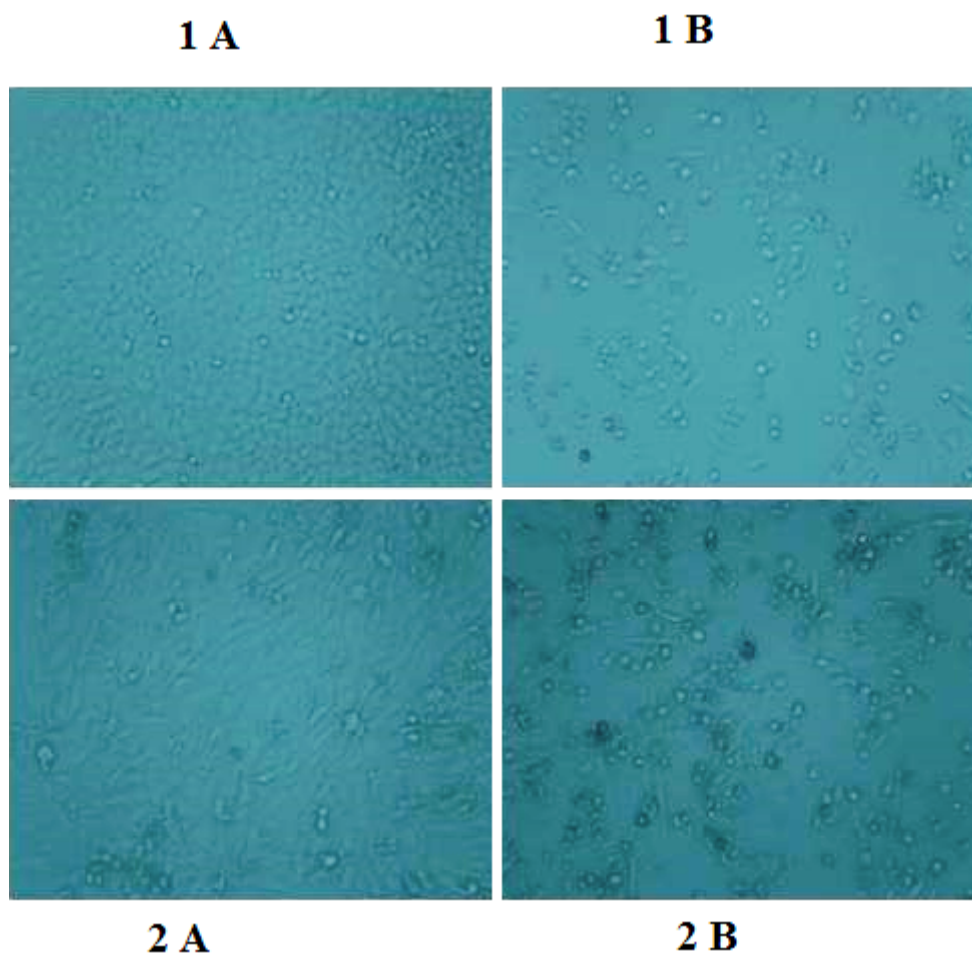


Figure S13: MTT assay of (1) Human cervical cancer cells. (2) MG 63 cells [(a) normal Cells (untreated), (b) treated with complex 3 at 48 h incubation]