

Supplementary Data

This supplementary data is a part of a paper entitled “Synthesis of Some Metal Complexes with New Heterocyclic Ligand (5-(((2-(3-(1*H*-indol-3-yl)acryloyl)phenyl)amino)methylene)-2-thioxodihydropyrimidine-4,6(1*H*,5*H*)-dione) and Their Biological Effectiveness as Antioxidant and Anti-Cancer”.

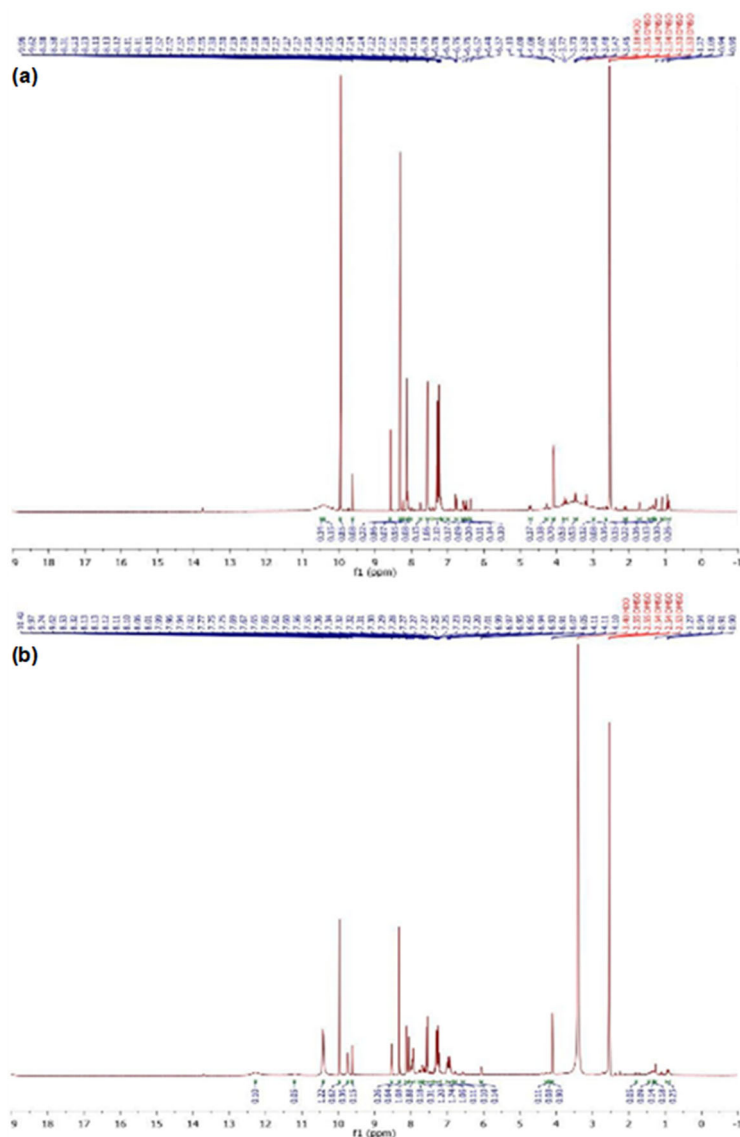


Fig S1. (a) ^1H NMR spectrum of ligand (L_1) and (b) zinc complex

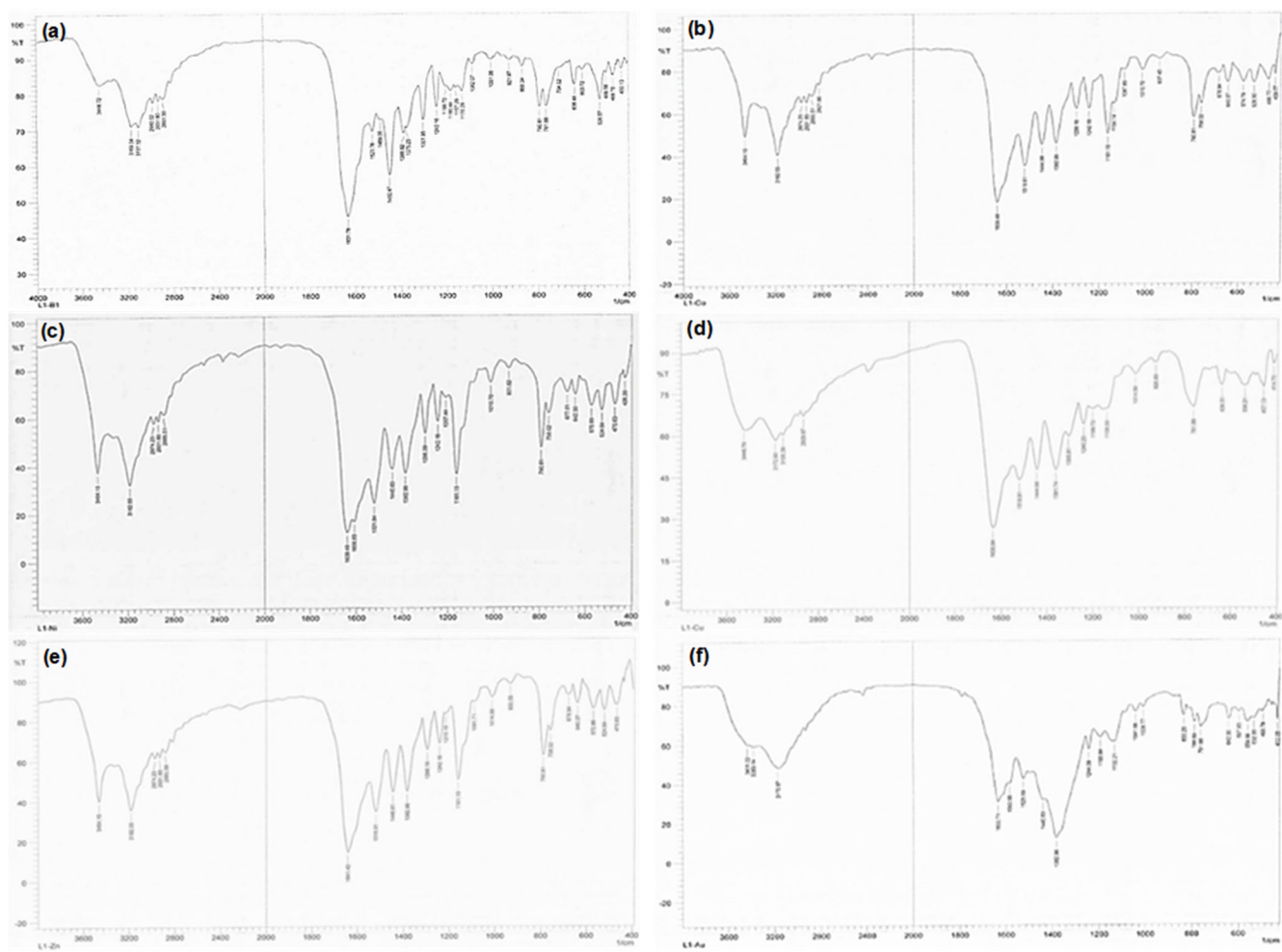


Fig S2. (a) FTIR spectrum of ligand (L_1), (b) Co(II) complex, (c) Ni(II) complex, (d) Cu(II) complex, (e) Zn(II) complex, and (f) Au(III) complex

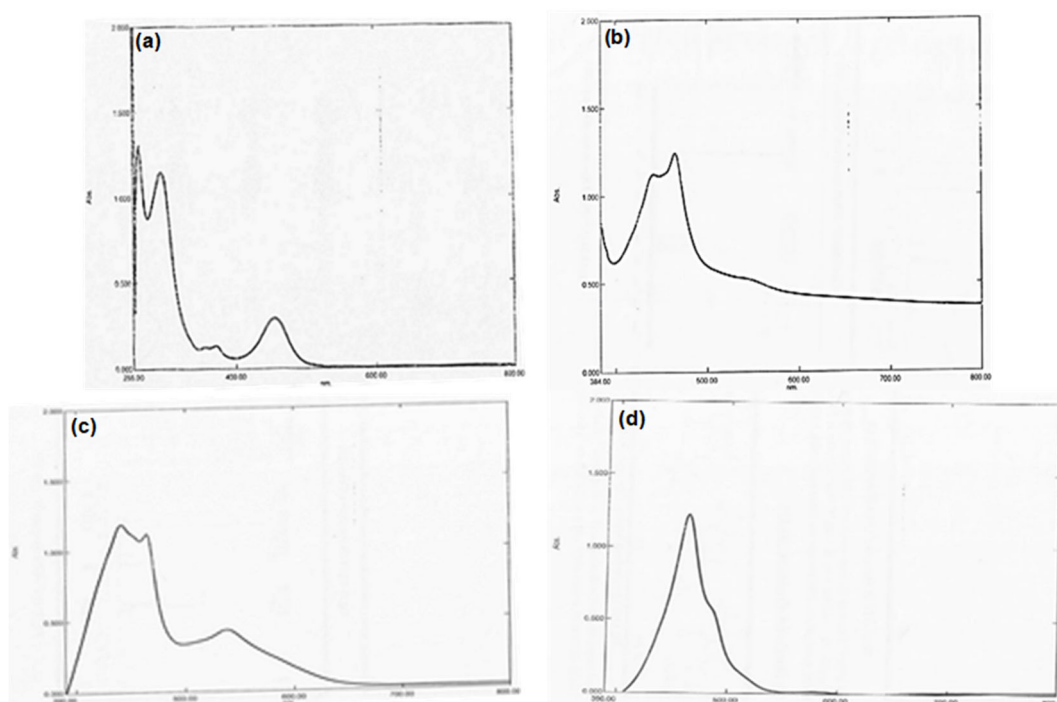


Fig S3. (a) UV-visible spectrum of ligand (L_1), (b) Zn(II) complex, (c) Ni(II) complex and (d) Au(III) complex

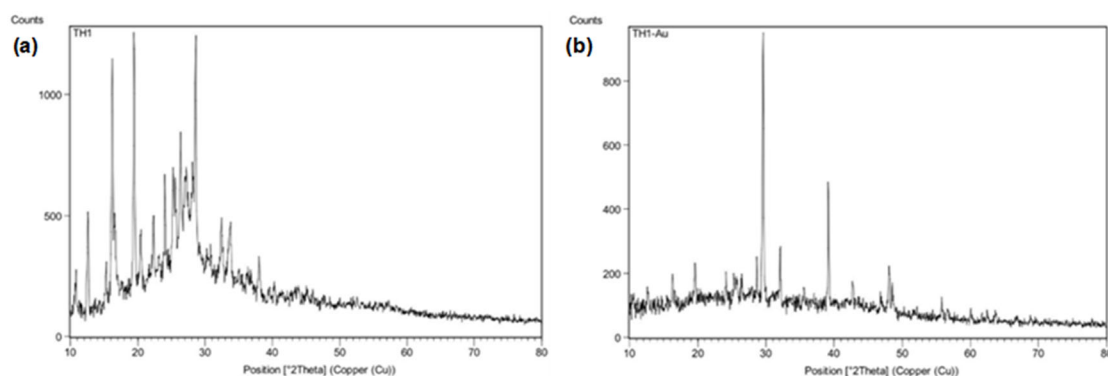


Fig S4. (a) X-ray diffraction of ligand (L_1) and (b) $[Au(L_1)Cl]Cl_2$ complex

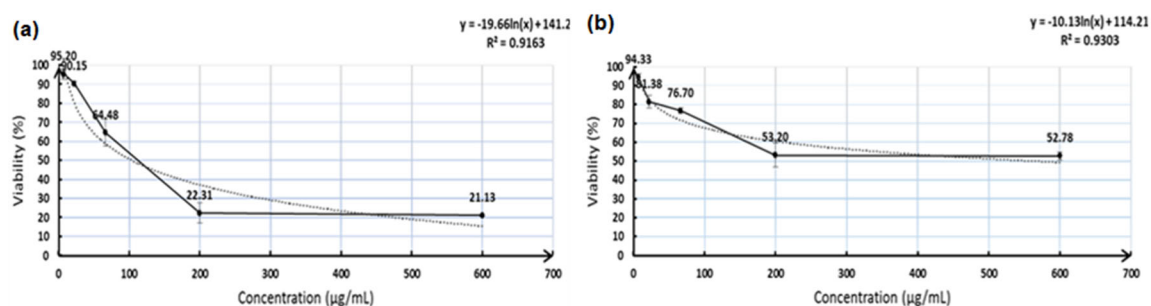


Fig S5. (a) Percentages of viability in typical breast cancer cells (a) MCF-7 and (b) MCF-10 versus concentration of the complex $[Au(L_1)Cl]Cl_2$