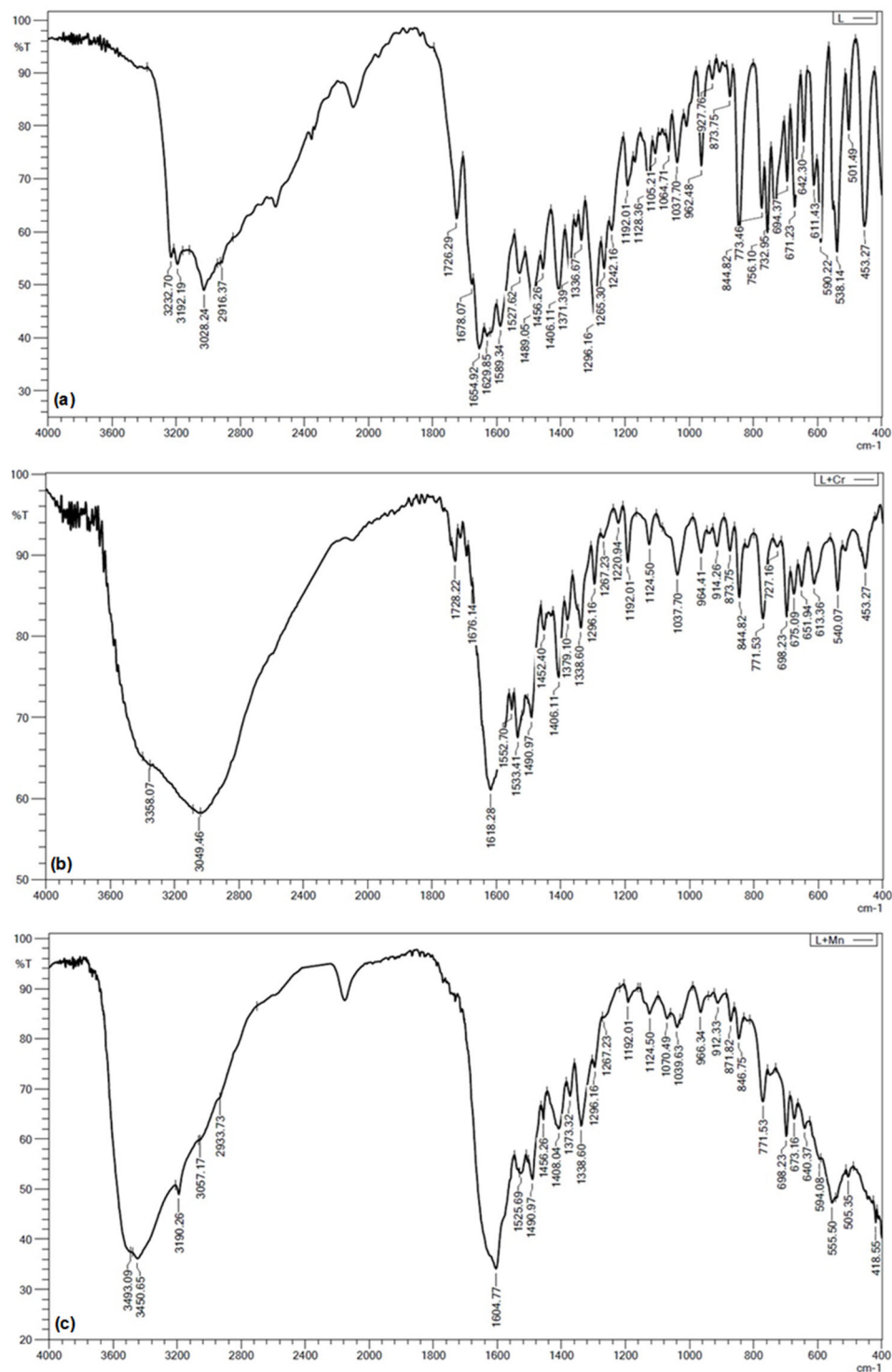


Supplementary Data

This supplementary data is a part of a paper entitled “Study of Bioactivity and Physicochemical Properties of New Metal Chelates of Schiff Base Derived from 4-Aminoantipyrine with Cysteine”.



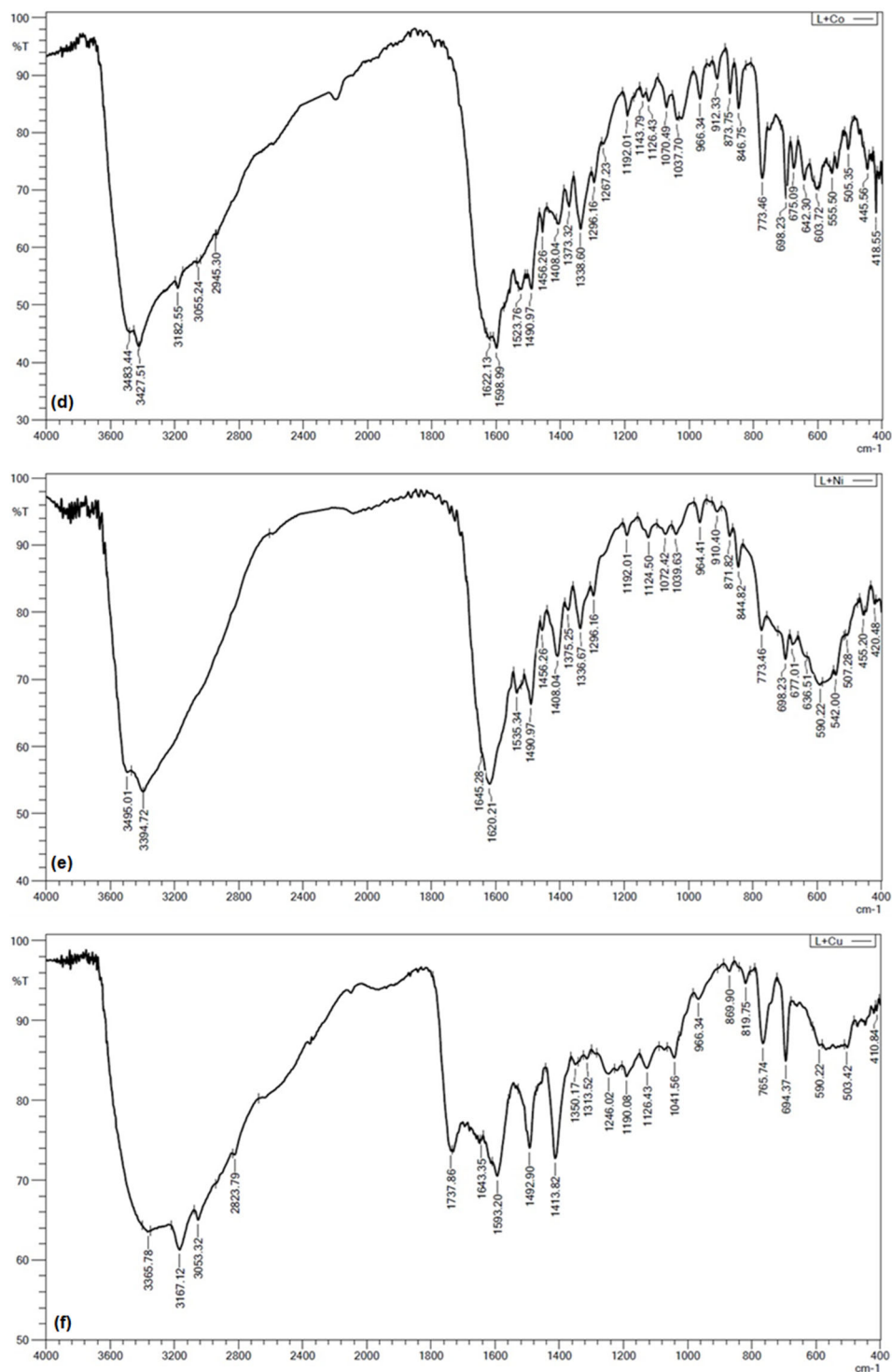
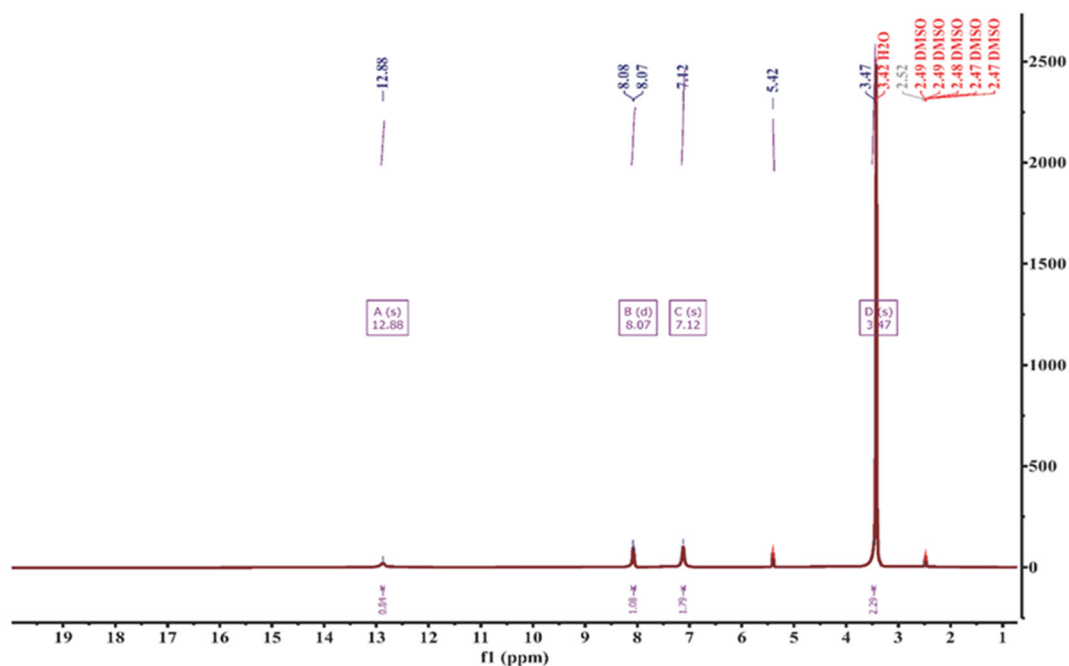
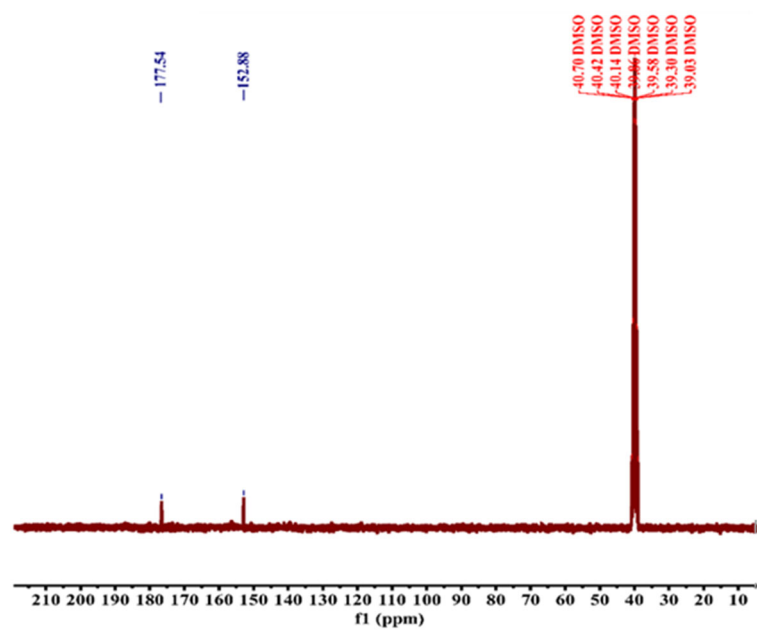


Fig S1. FTIR spectra of (a) azomethine Schiff bases ligand, (b) Cr-complex, (c) Mn-complex, (d) Co-complex, (e) Ni-complex, and (f) Cu-complex

Fig S2. ^1H -NMR spectrum of the azomethine Schiff base ligandFig S3. ^{13}C -NMR spectrum of the azomethine Schiff base ligand

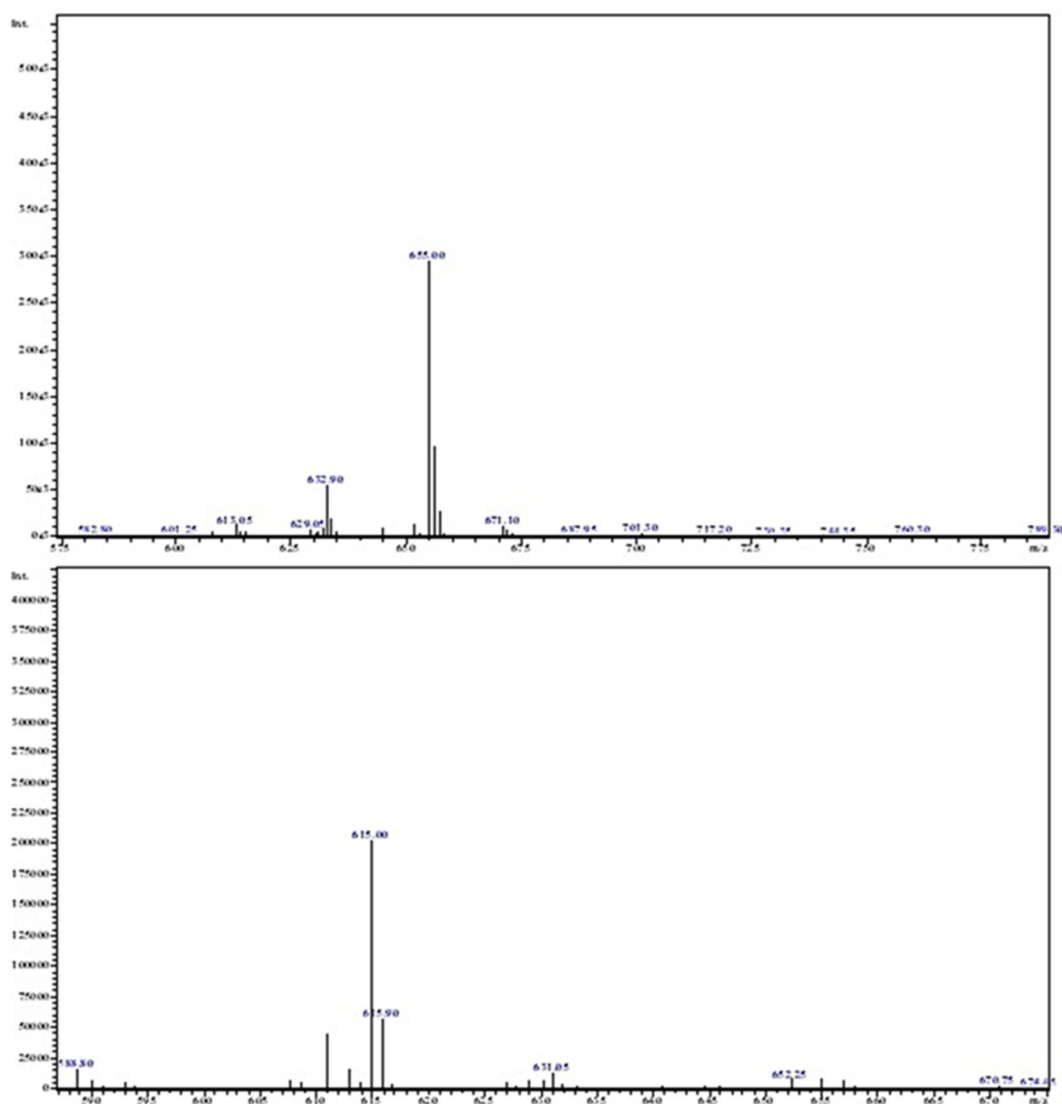
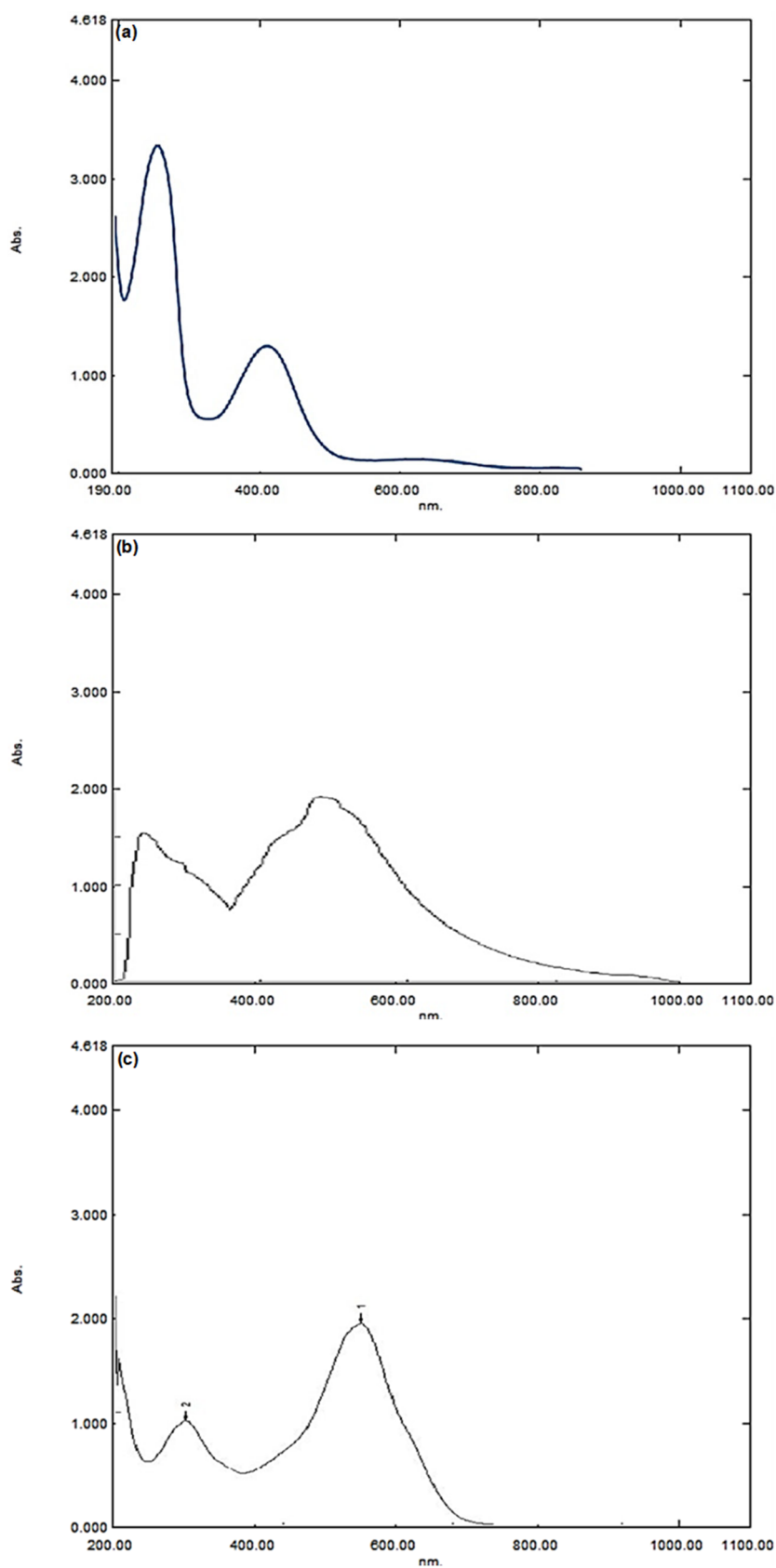


Fig S4. LC-MS profile of azomethine Schiff base ligand



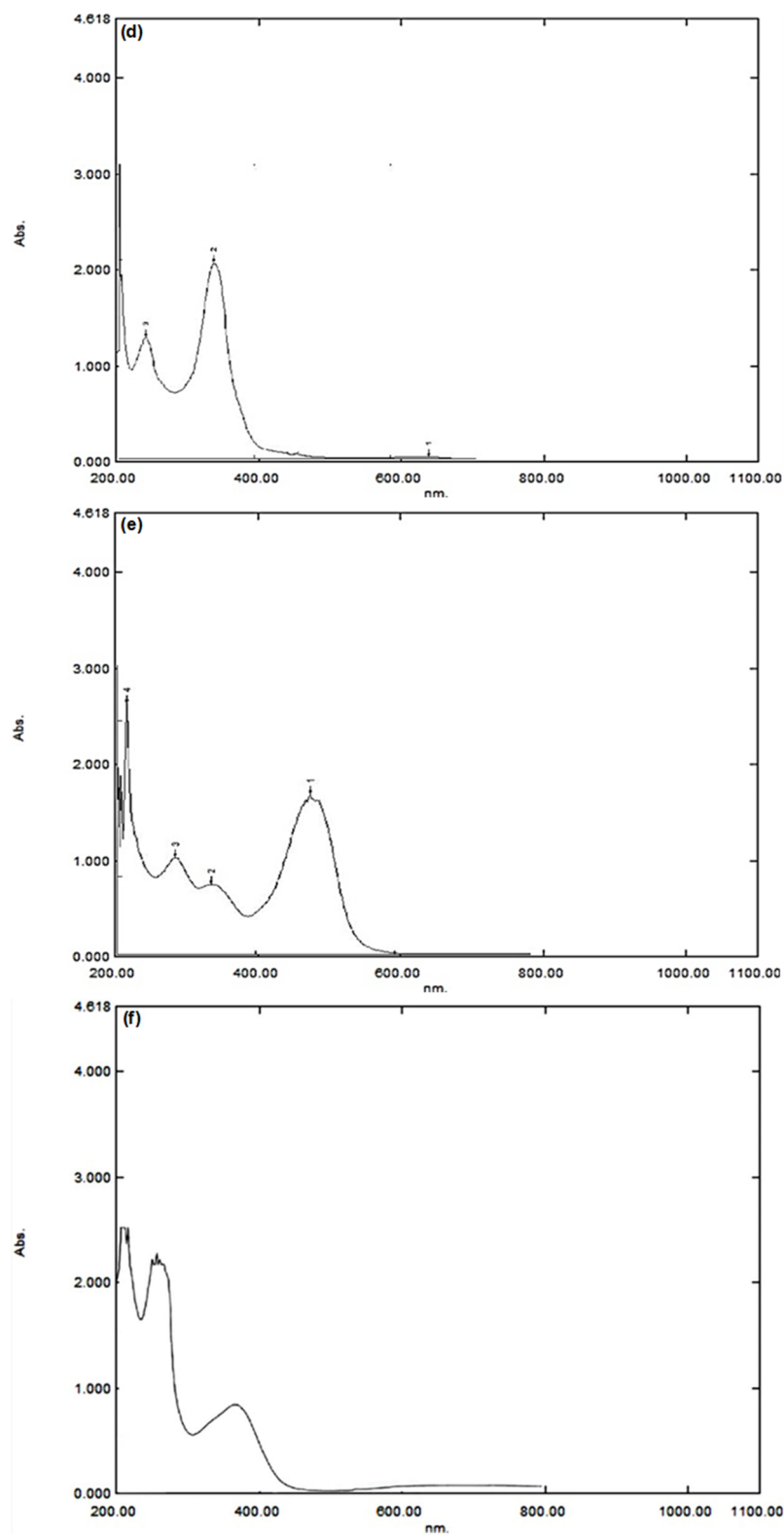


Fig S5. UV-vis spectra of (a) azomethine Schiff bases ligand, (b) Cr-complex, (c) Mn-complex, (d) Co-complex, (e) Ni-complex, and (f) Cu-complex

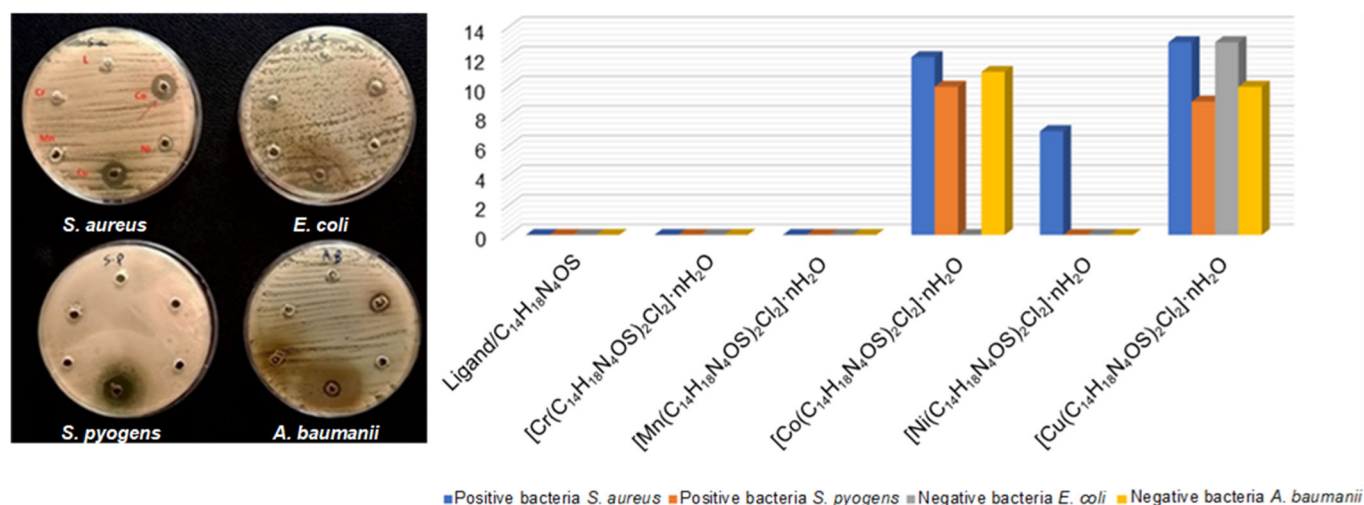


Fig S6. The antibacterial activity of compounds against *S. aureus*, *S. pyogenes*, *E. coli*, and *A. baumannii*

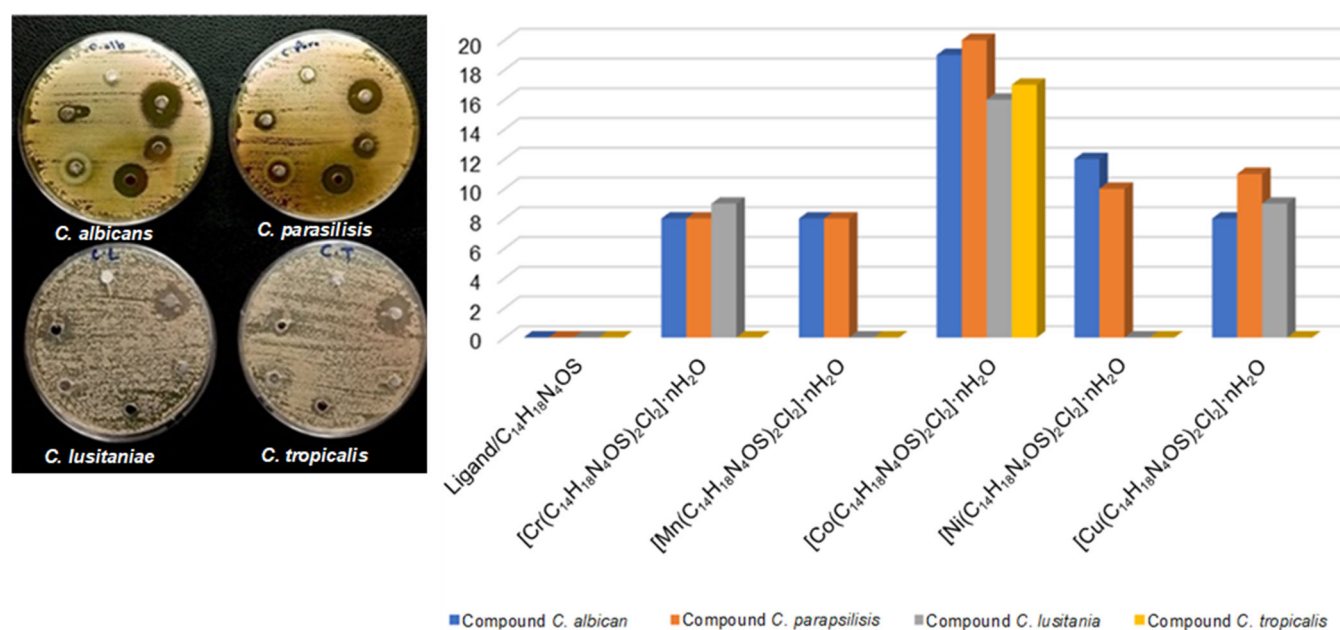


Fig S7. Evaluation of antifungal activity of compounds against *C. albicans*, *C. parapsilosis*, *C. lusitaniae*, and *C. tropicalis*