Supplementary Data

This supplementary data is a part of a paper entitled "Synthesis, Characterization, and Theoretical Study of Novel Charge-Transfer Complexes Derived from 3,4-Selenadiazobenzophenone".

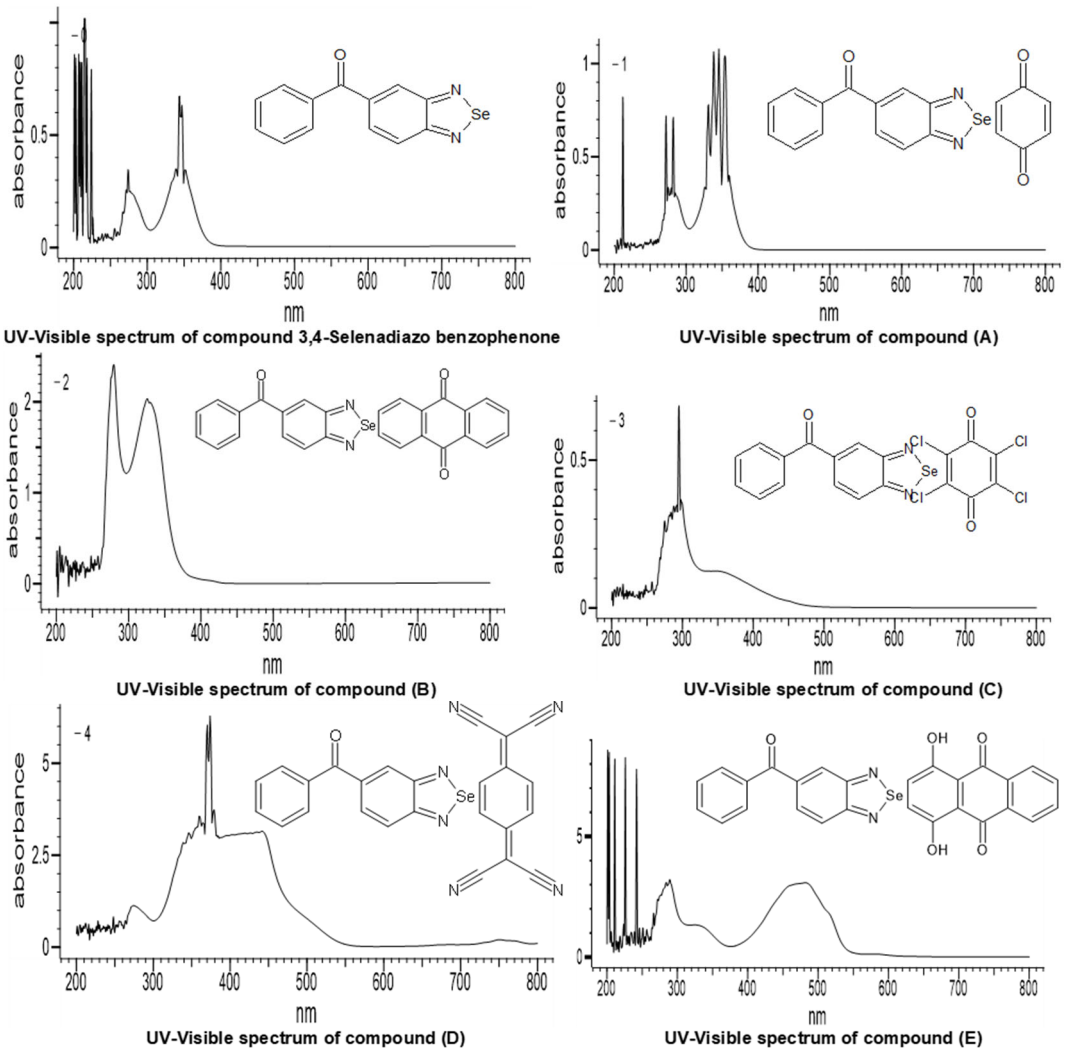


Fig S1. UV-Visible spectrum of compounds 3,4-Selenadiazo benzophenone, A, B, C, D, and E

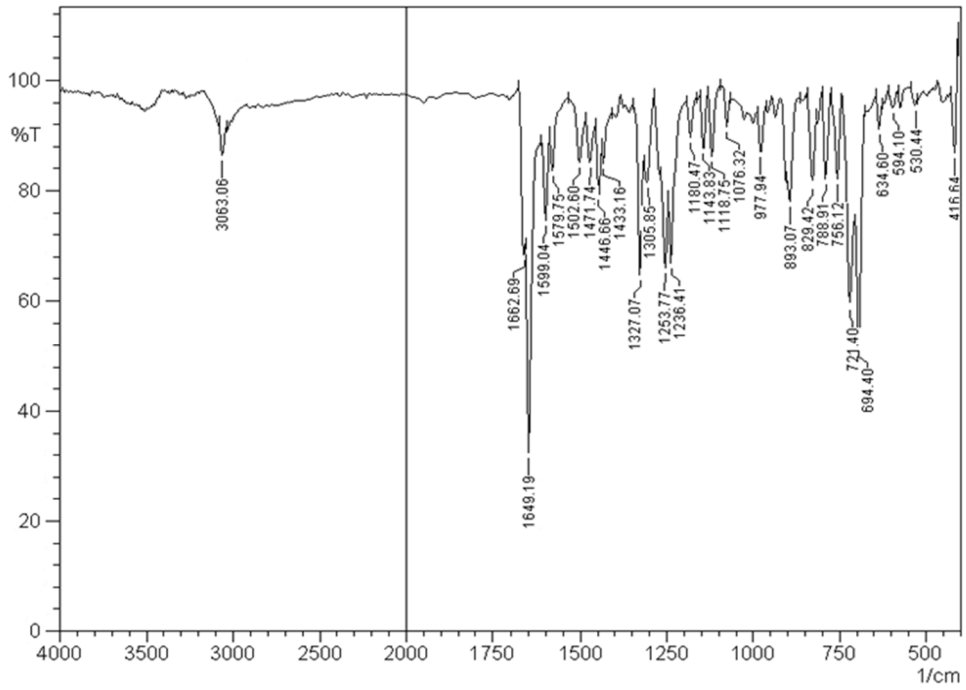


Fig S2. FTIR spectrum of 3,4-selenadiazo benzophenone

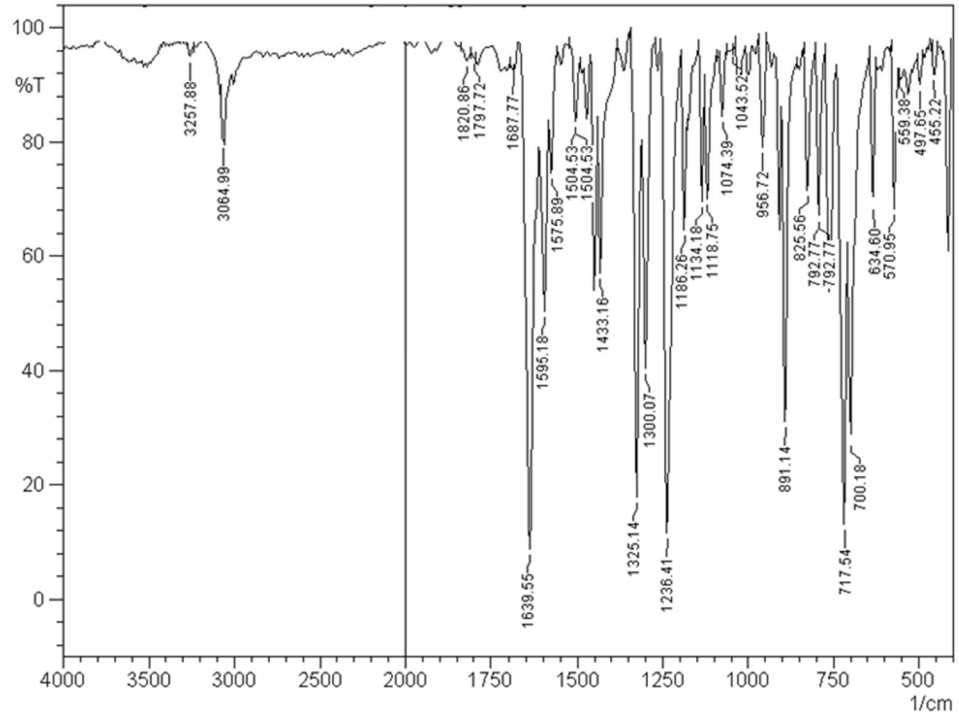


Fig S3. FTIR of compound A

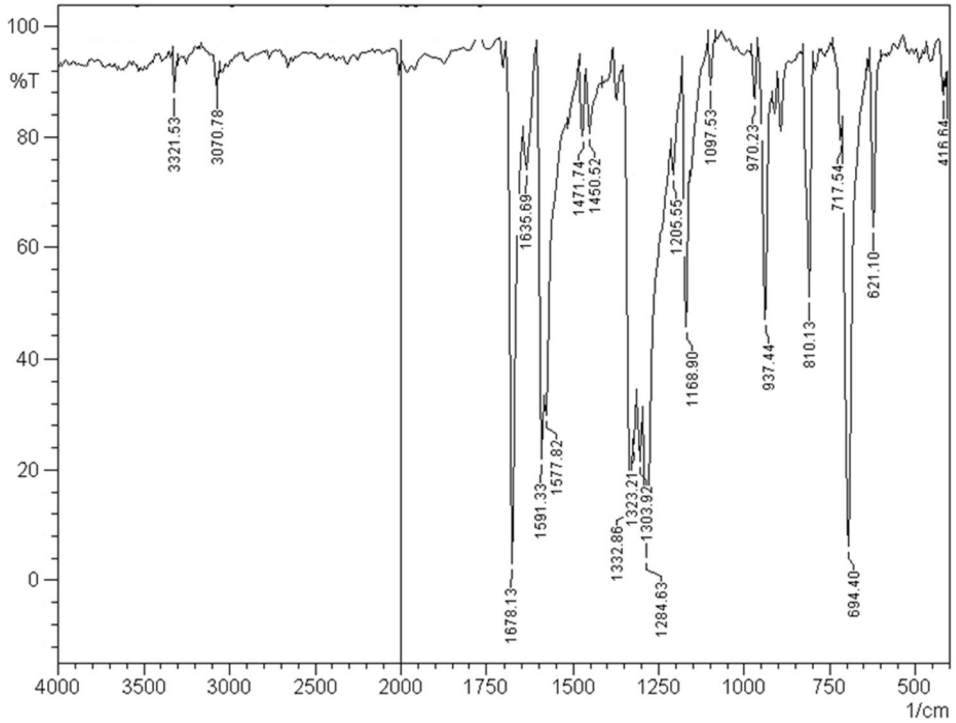


Fig S4. FTIR spectrum of compound B

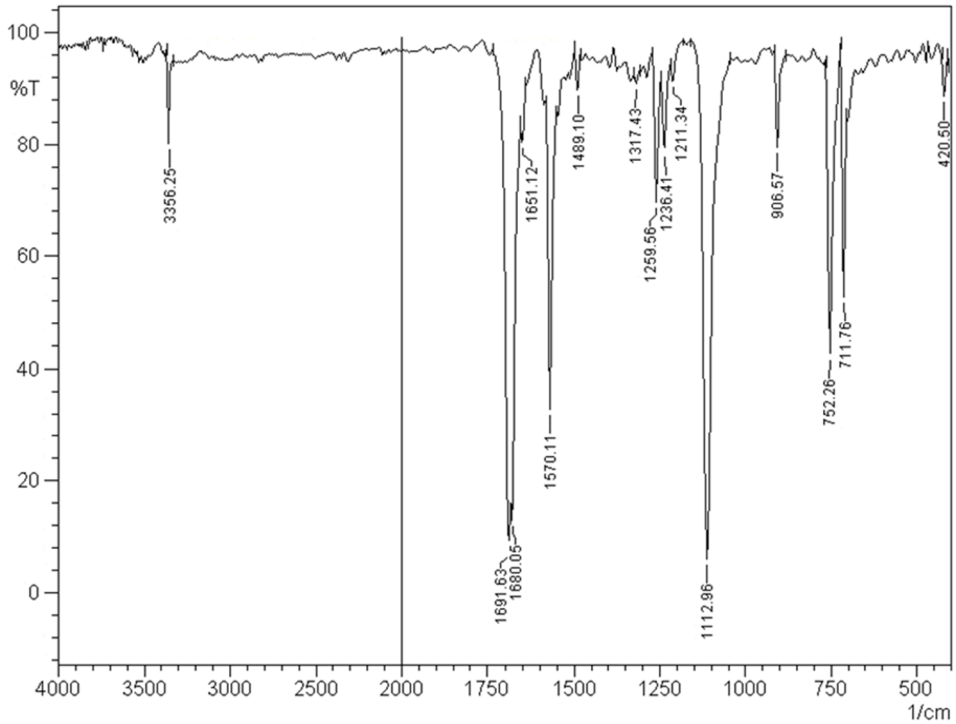


Fig S5. FTIR spectrum of compound (C)

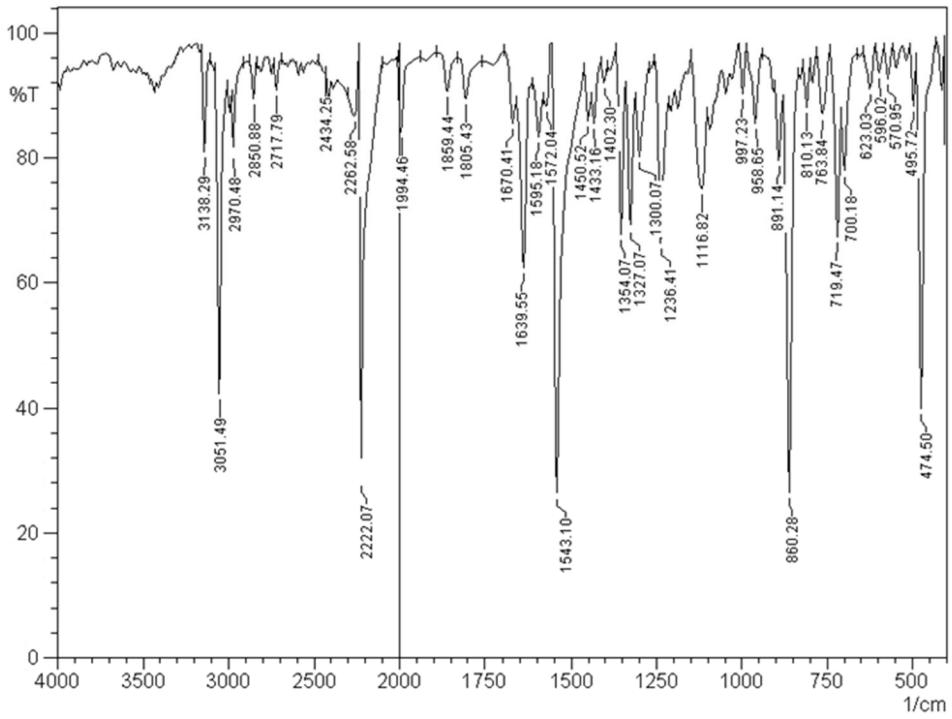


Fig S6. FTIR spectrum of compound D

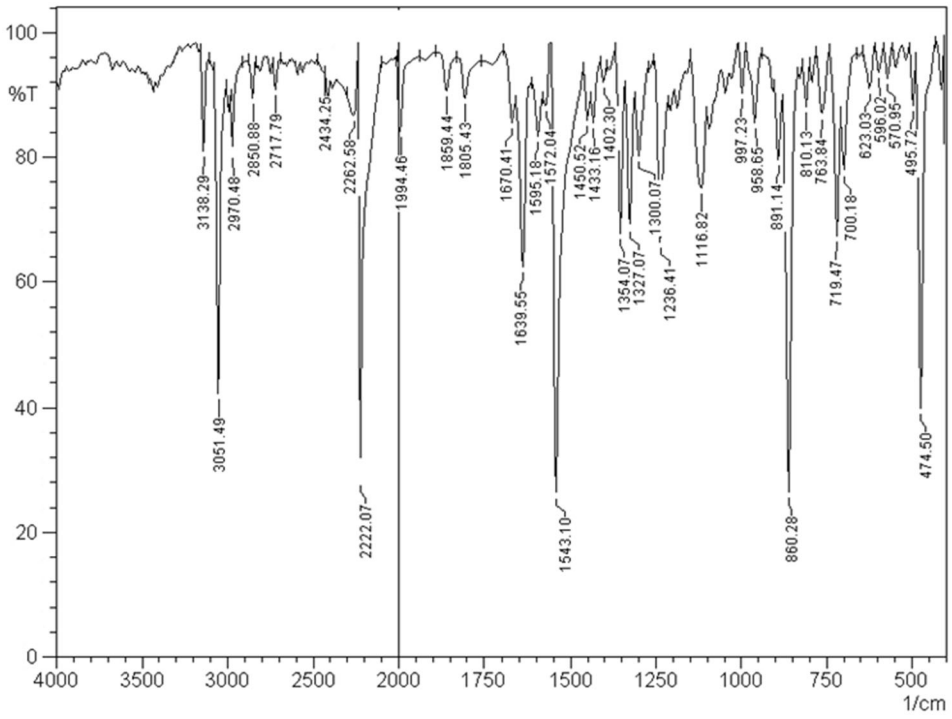


Fig S7. FTIR spectrum of compound E

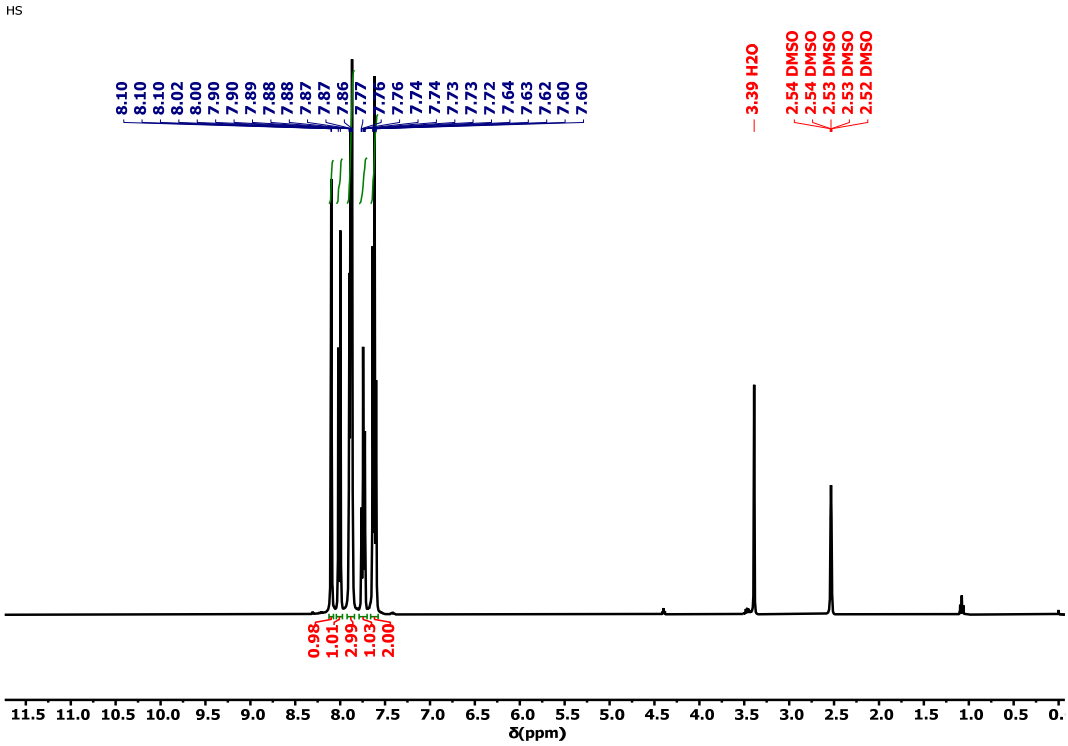


Fig S8. [1]H-NMR spectrum of compound 3,4-selenadiazo benzophenone

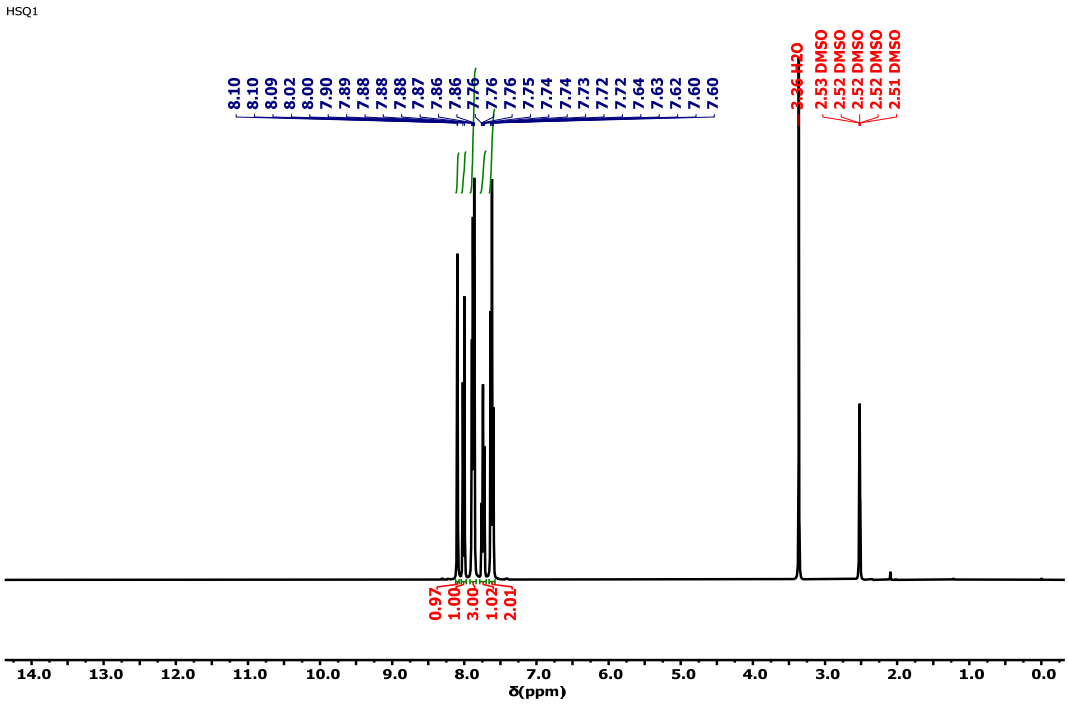


Fig S9. [1]H-NMR spectrum of compound A

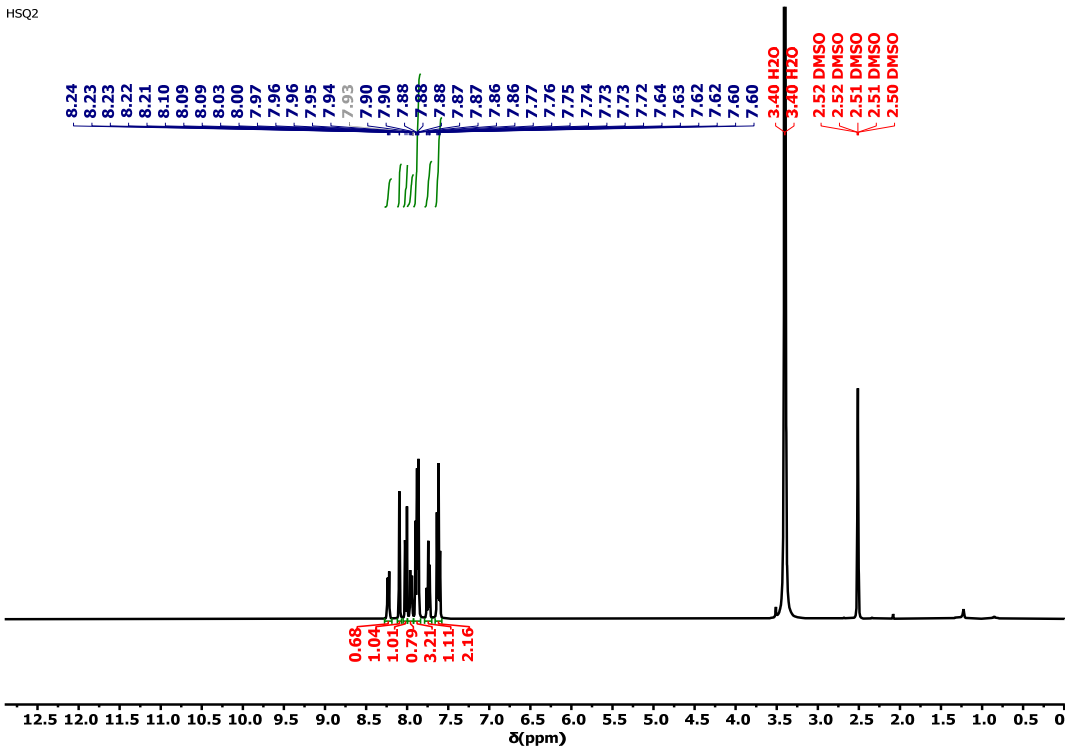


Fig S10. ^{1}H-NMR spectrum of compound B

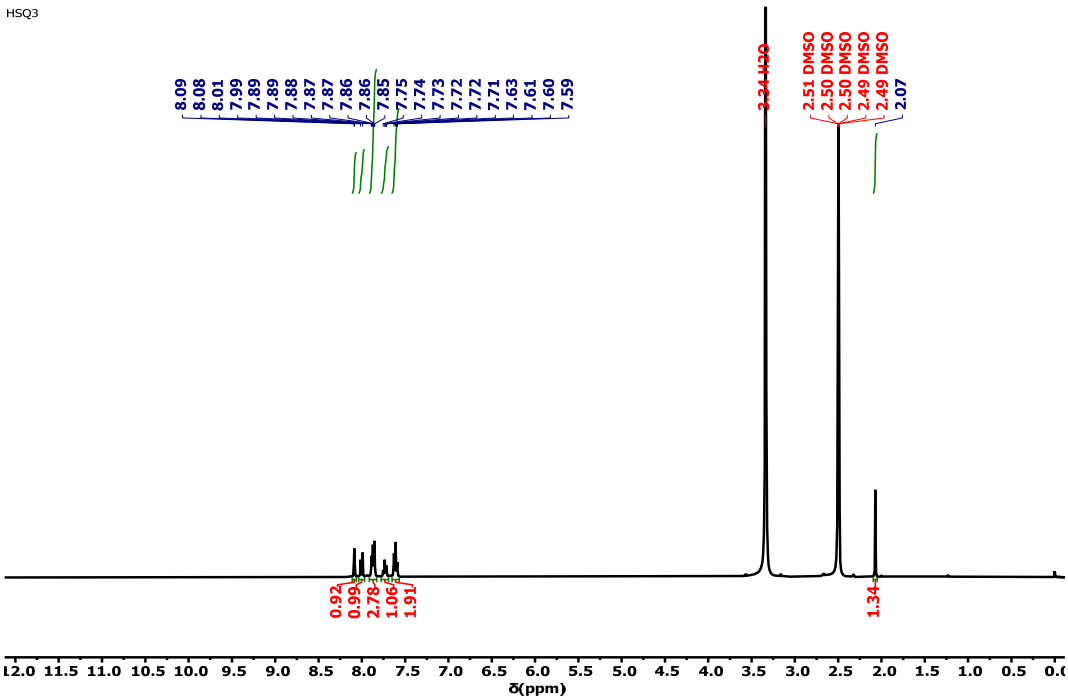


Fig S11. ^{1}H-NMR spectrum of compound C

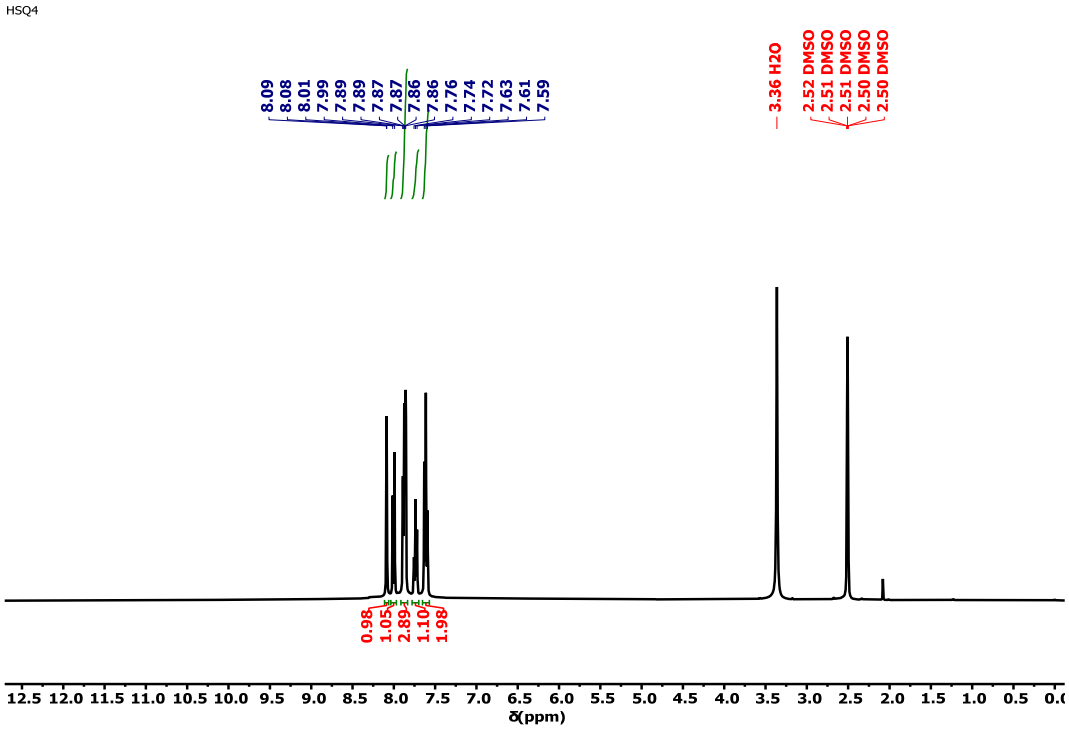


Fig S12. [1]H-NMR spectrum of compound D

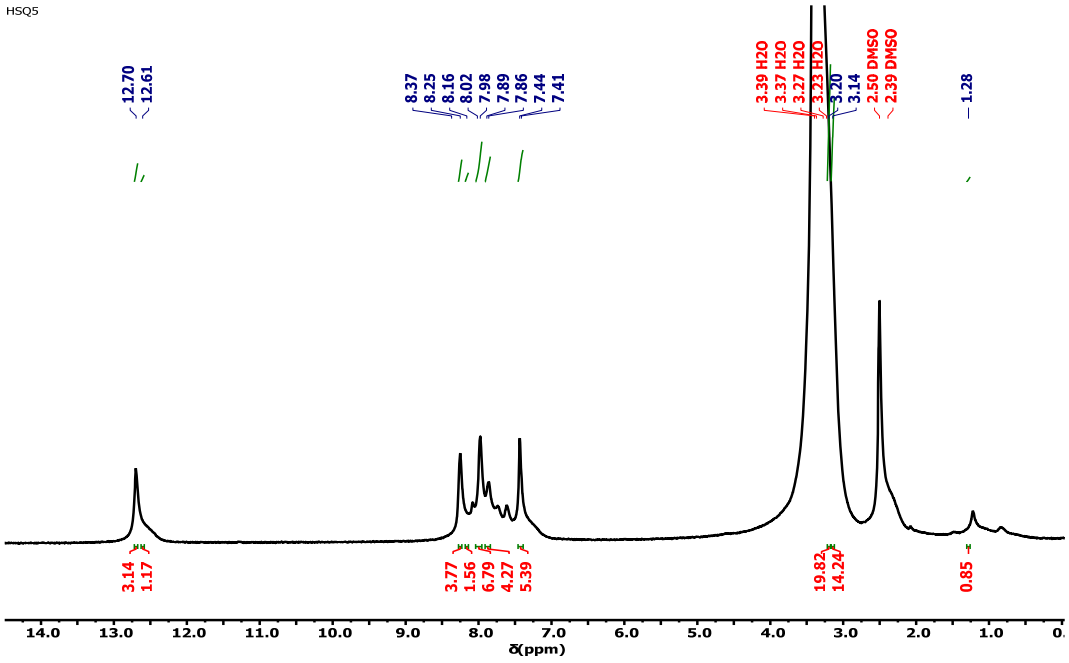


Fig S13.[1]H-NMR spectrum of compound E

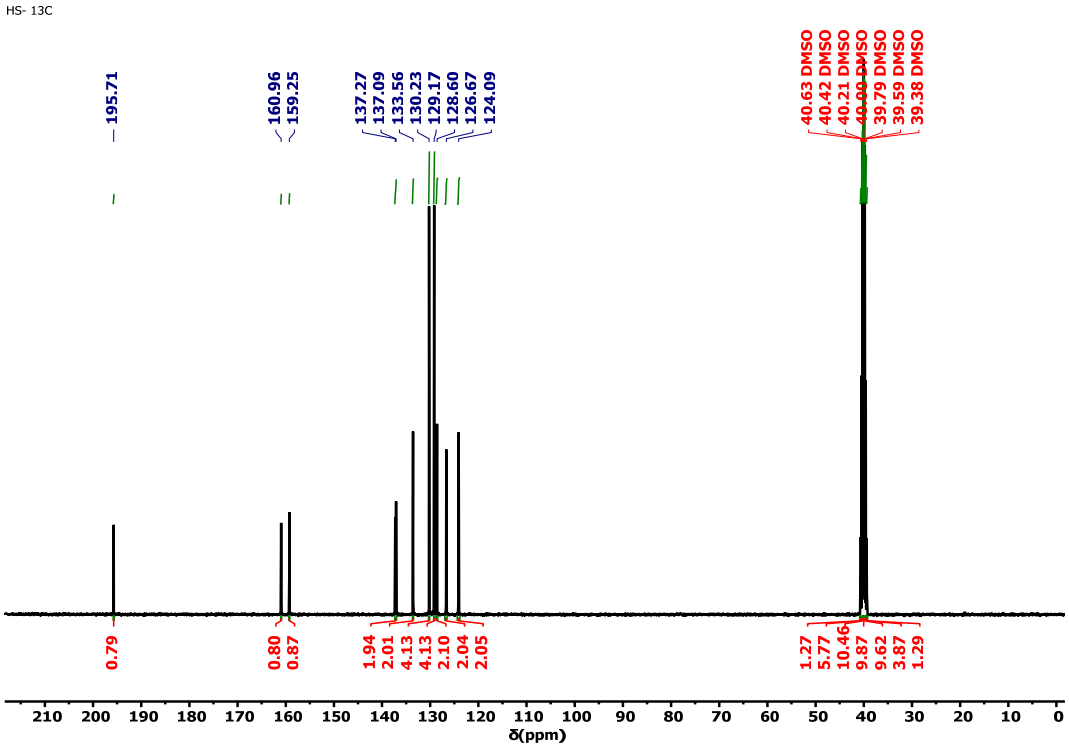
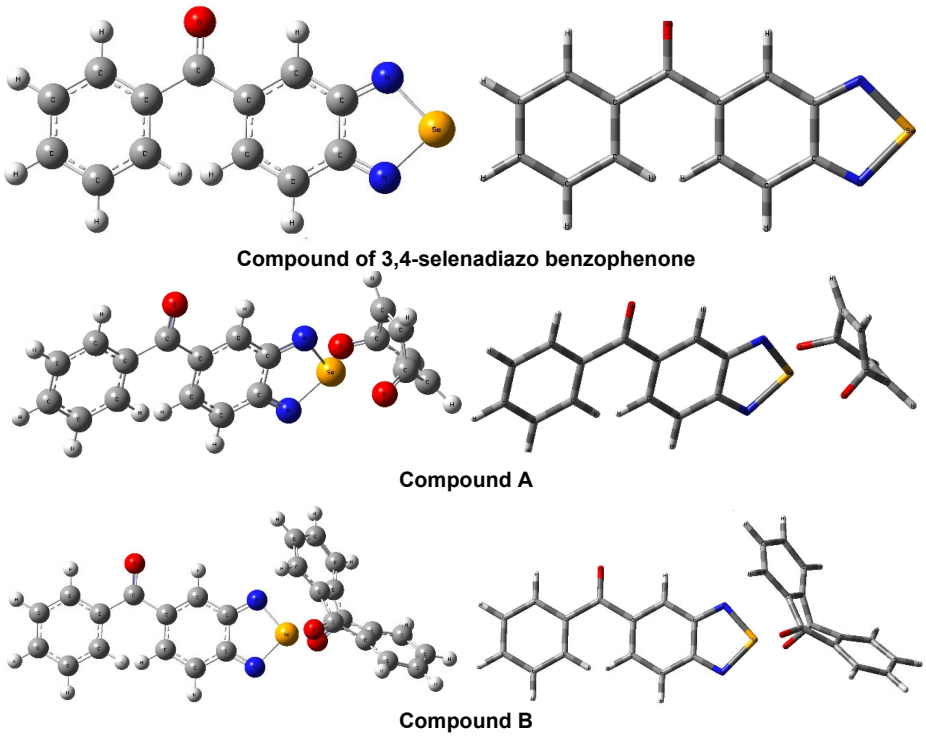


Fig S14. ^{13}C NMR spectrum of compound 3,4-selenadiazo benzophenone



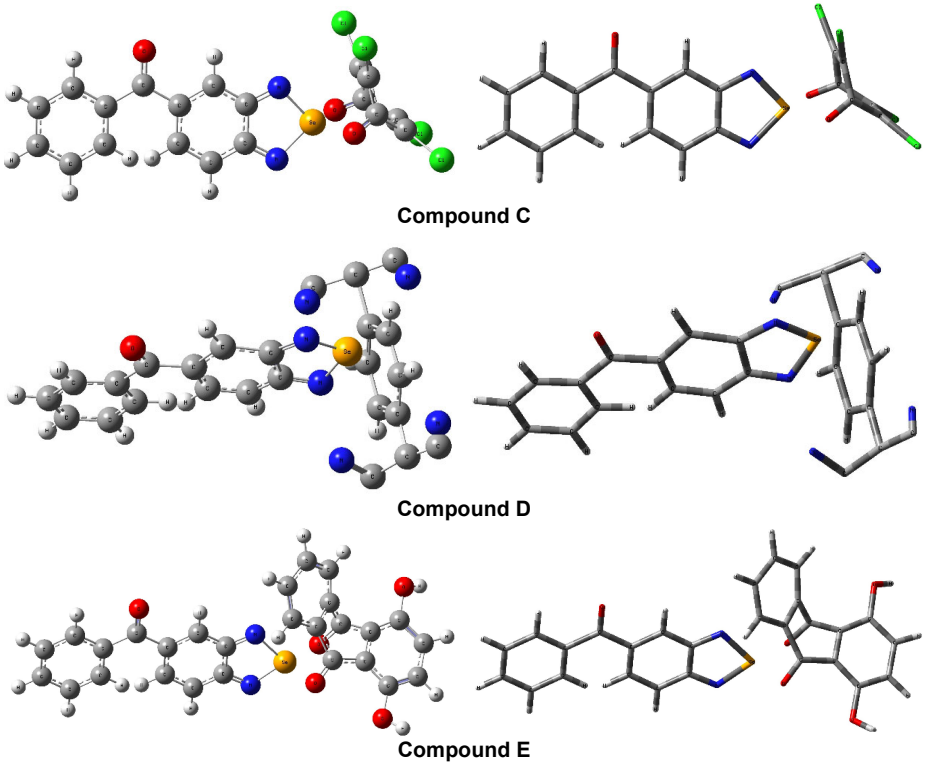
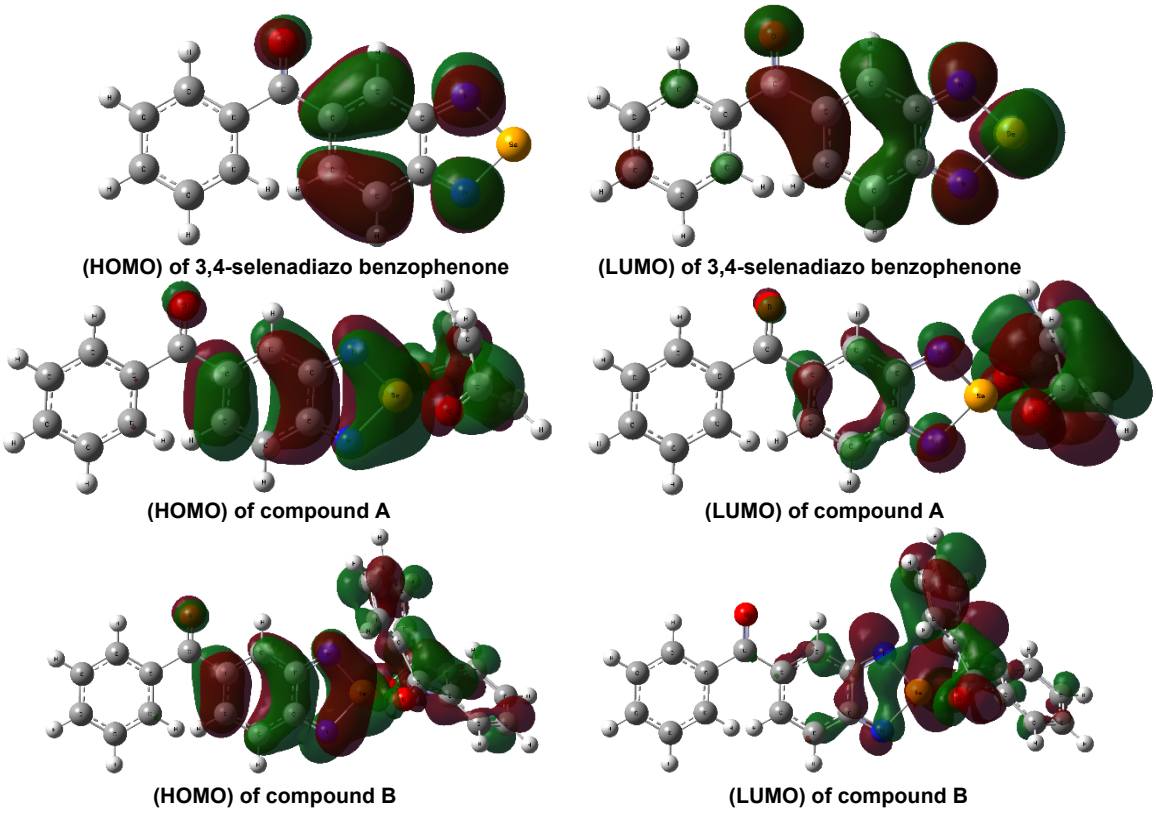


Fig S15. Molecular structure ball and tube model of compounds 3,4-selenadiazo benzophenone, A, B, C, D, and E



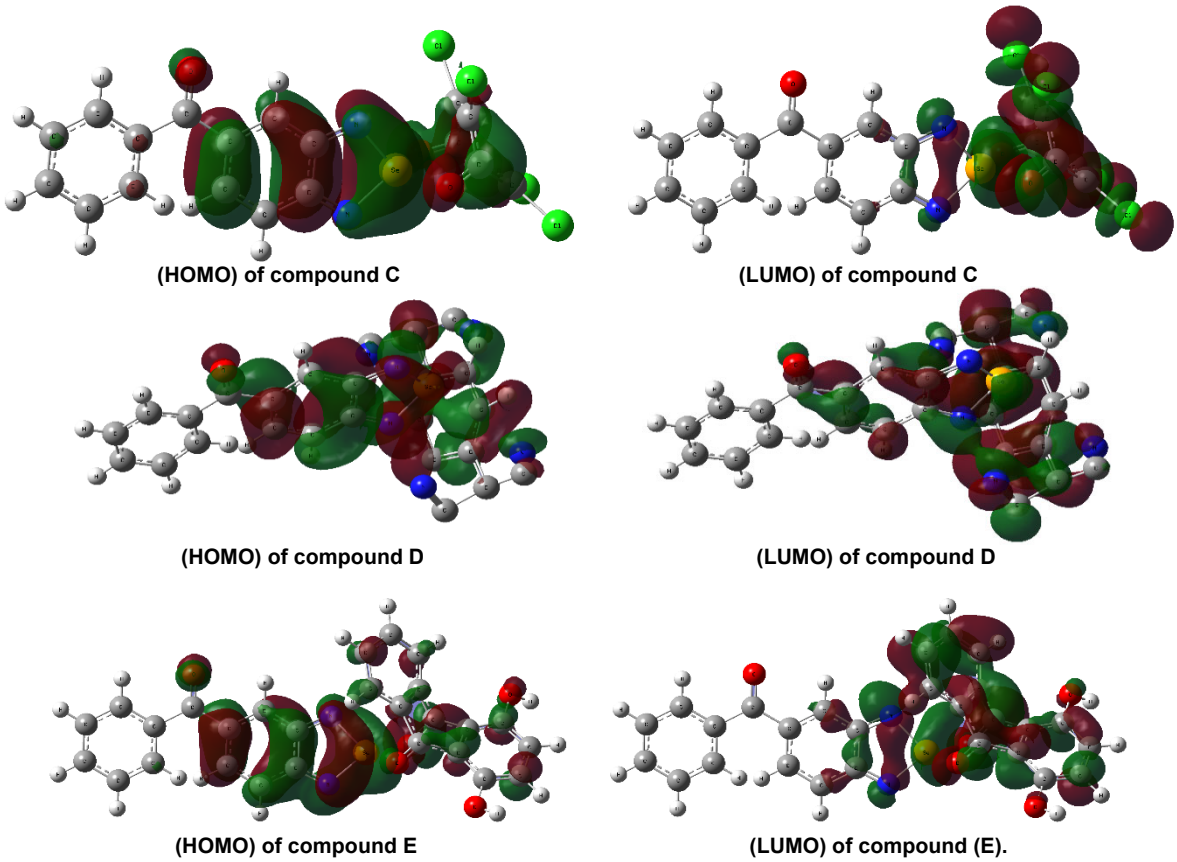


Fig S16. Molecular orbital HOMO and LUMO of compounds 3,4-selenadiazo benzophenone, A, B, C, D, and E