

Nano-thiourea derivative metal complexes

Spectroscopic, anti-microbial evaluation, ADMET, toxicity, and molecular docking studies

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Fig. S1: IR spectrum of complex **HPMCT** ligand

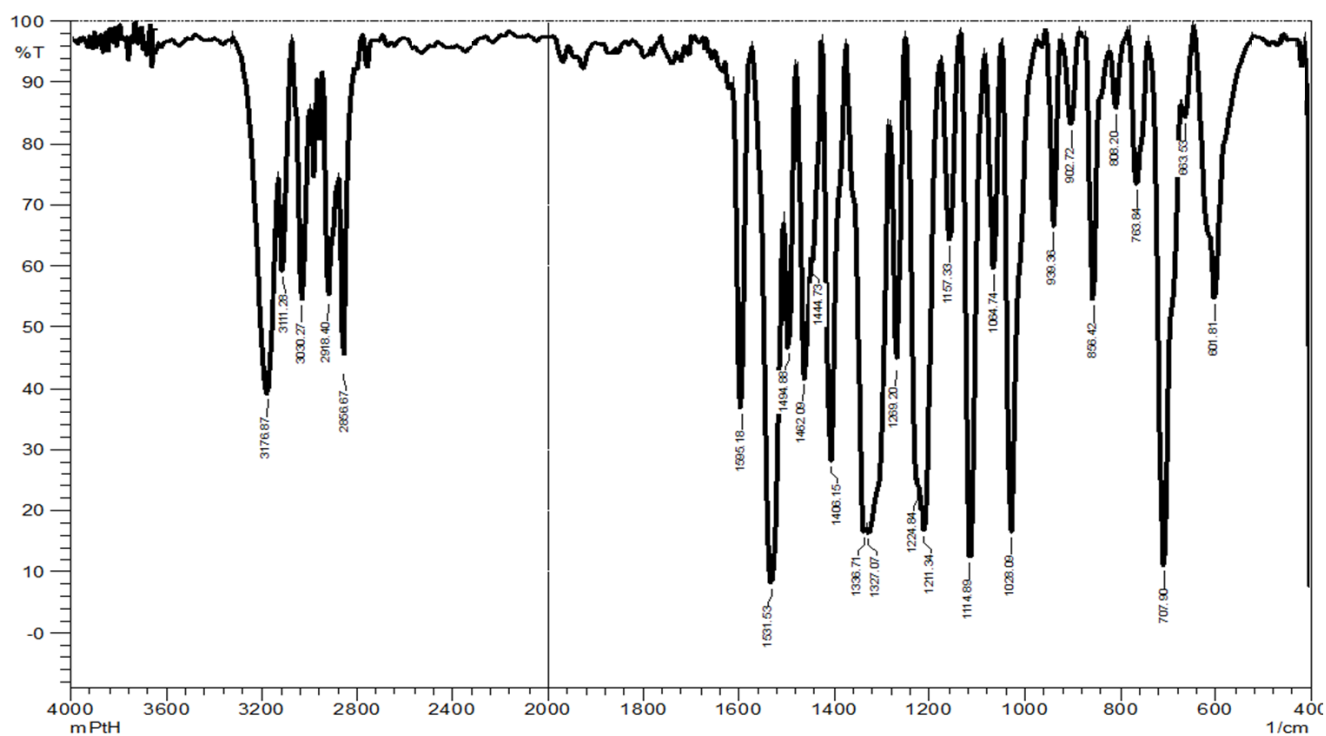


Fig. S1A: Theoretical IR spectrum of complex **HPMCT** ligand

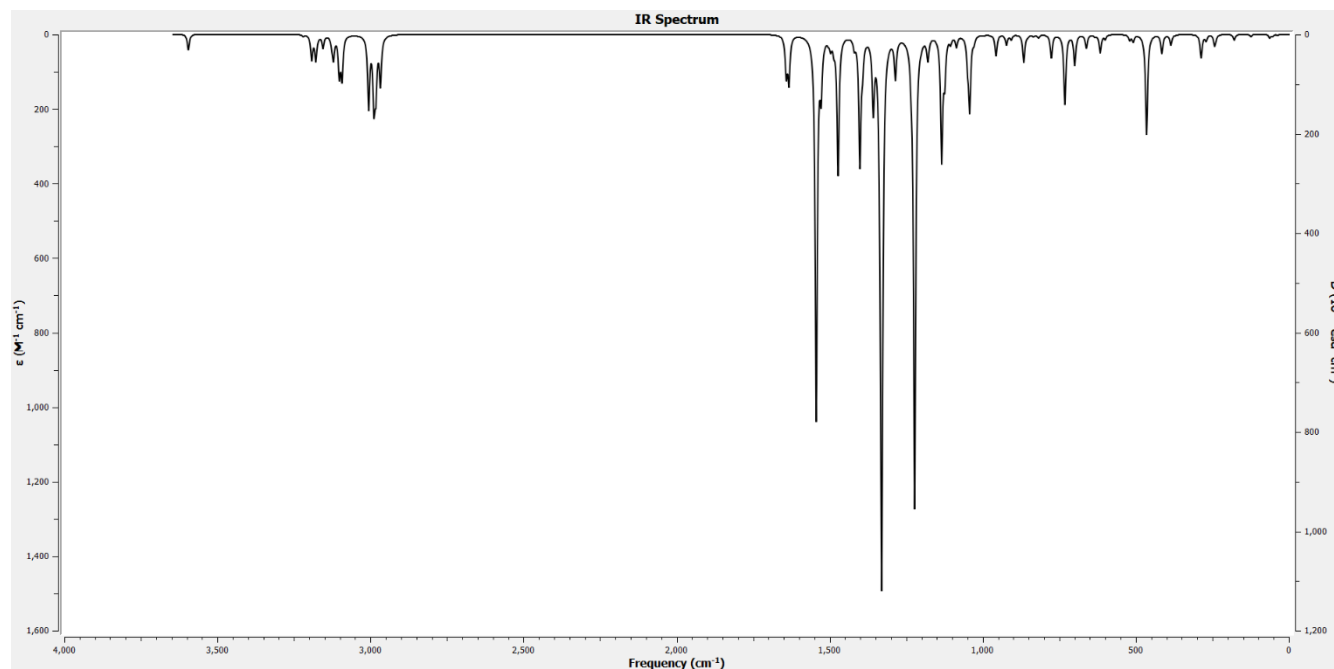


Fig. S2 : IR spectrum of complex 1

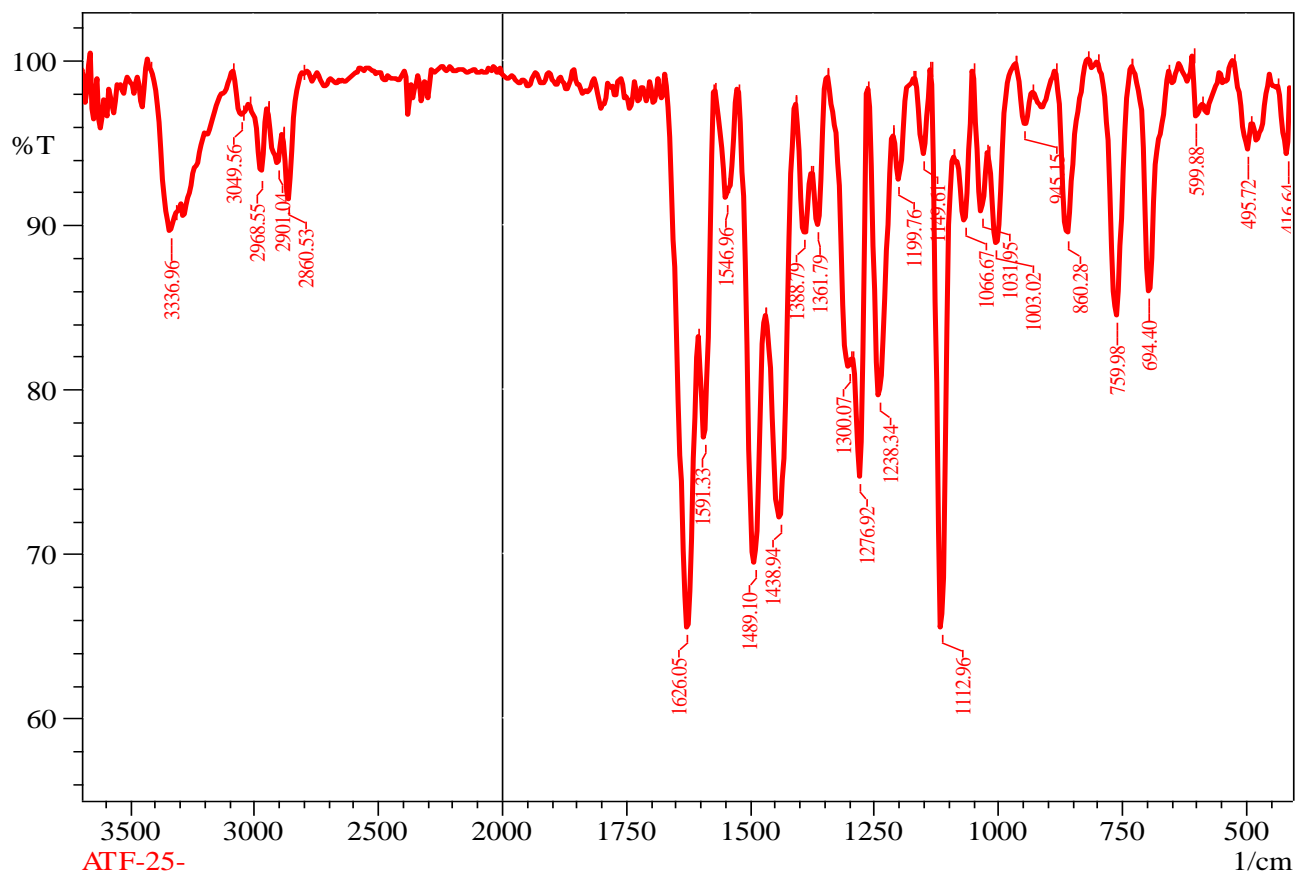


Fig. S3 : IR spectrum of complex 2

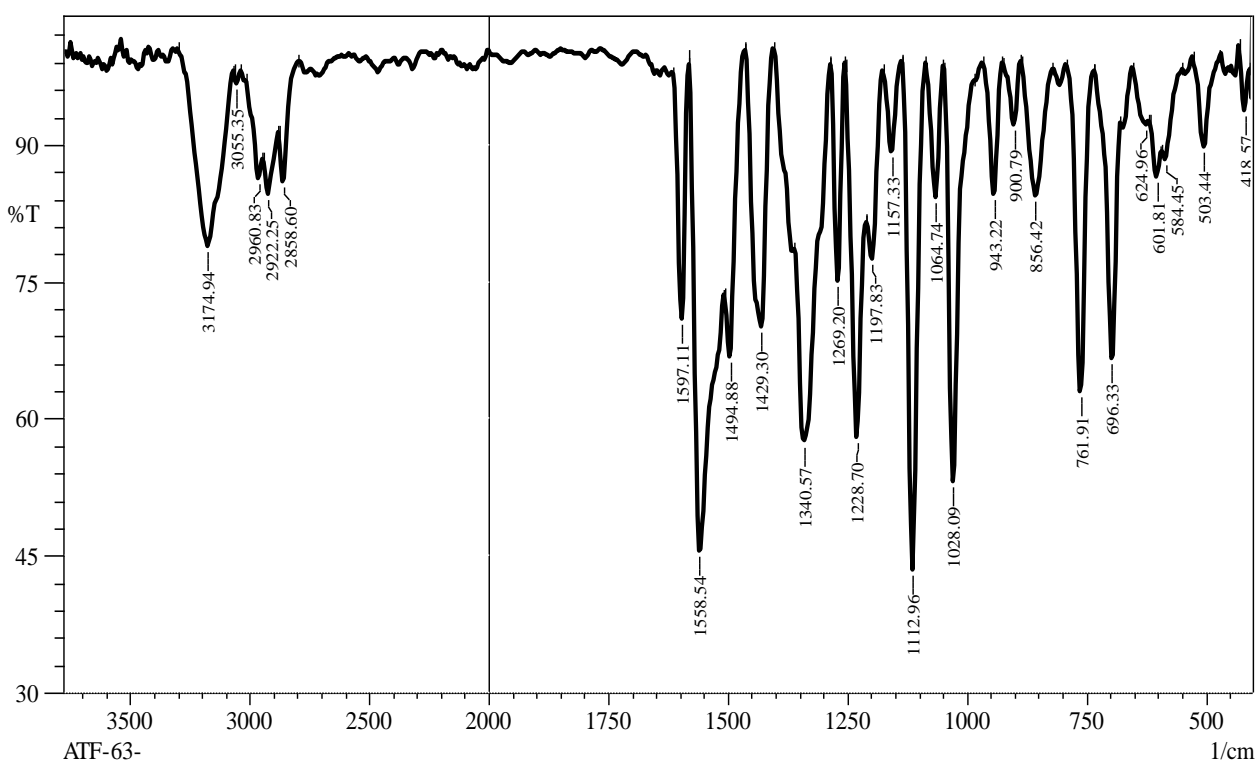


Fig. S3A: Theoretical: IR spectrum of complex **2**

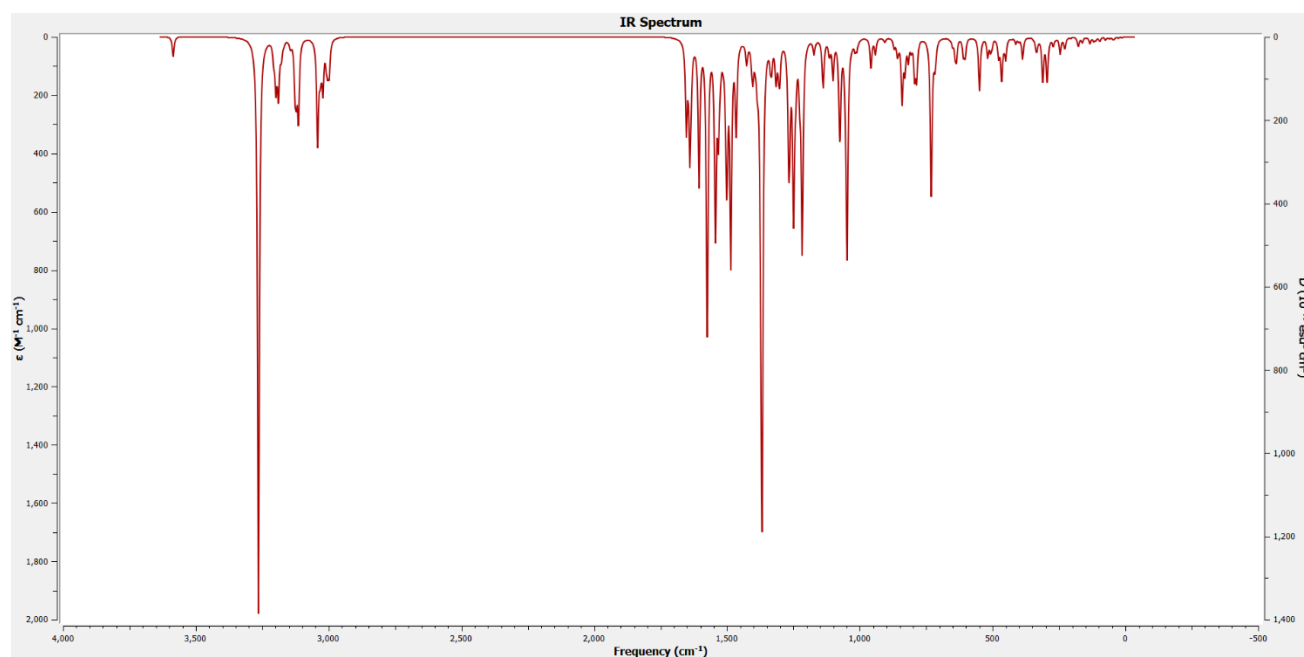


Fig. S4 : IR spectrum of complex **3**

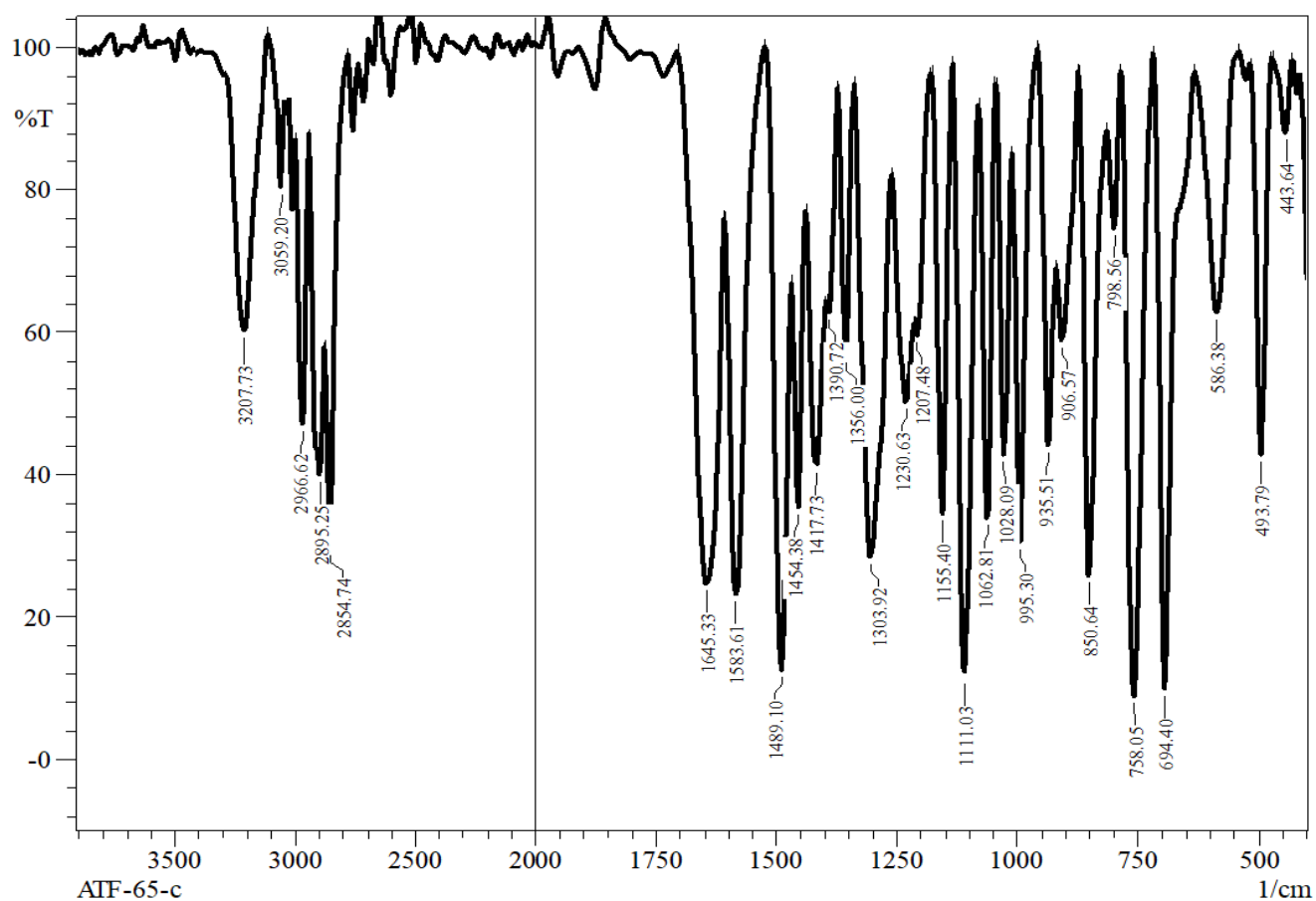


Fig. S4A: Theoretical: IR spectrum of complex 3

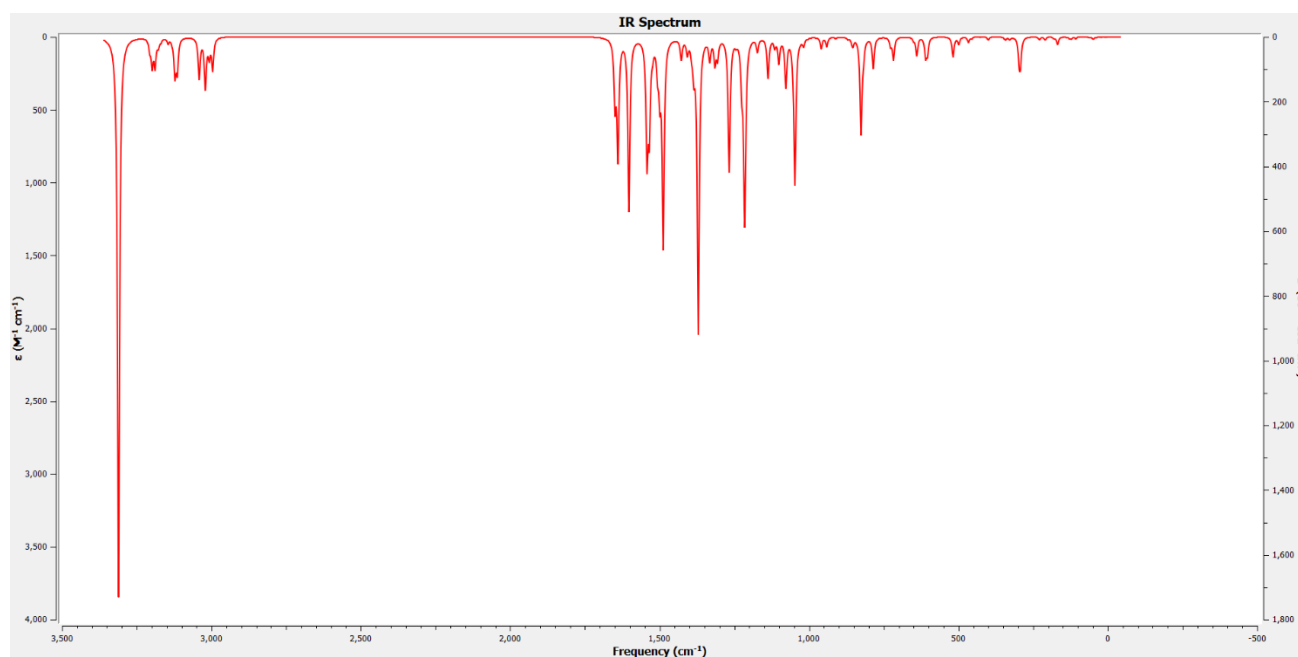


Fig. S5 : IR spectrum of complex 4

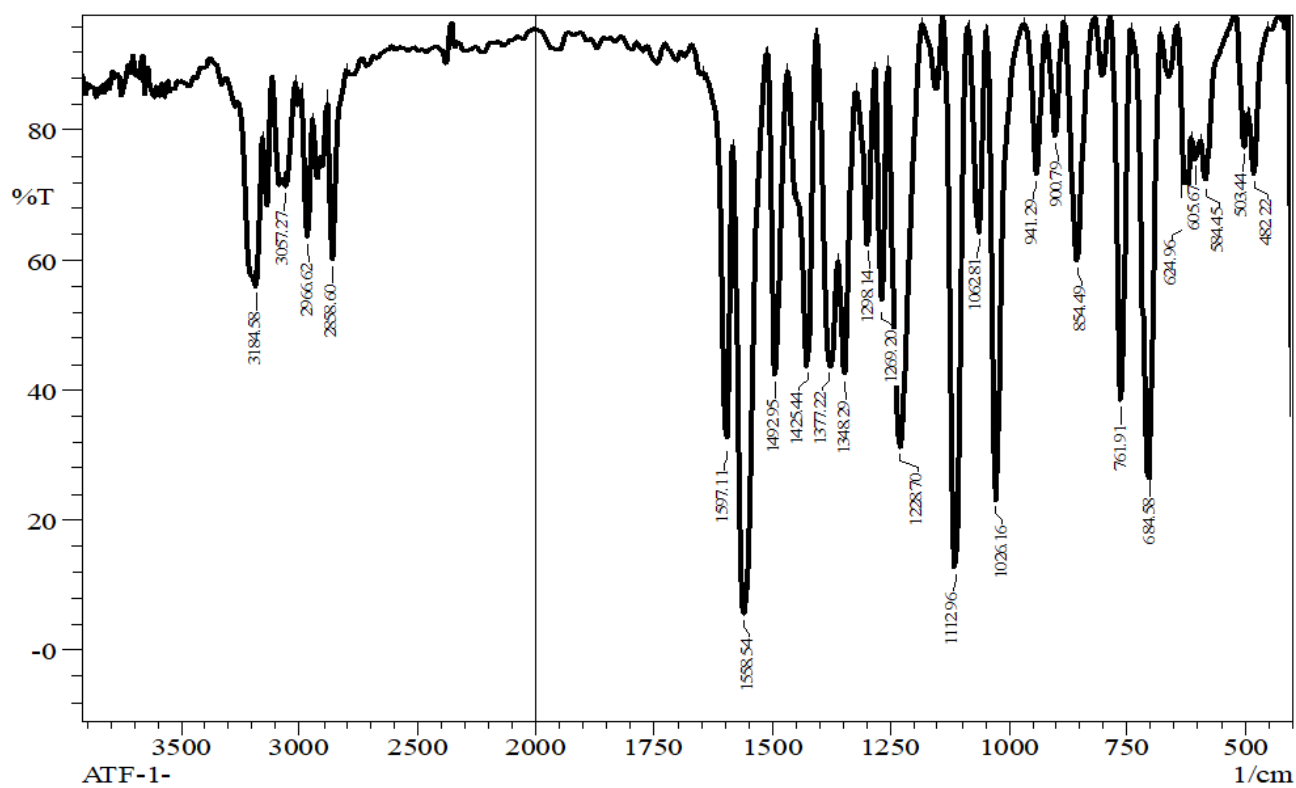


Fig. S6 : IR spectrum of complex 5

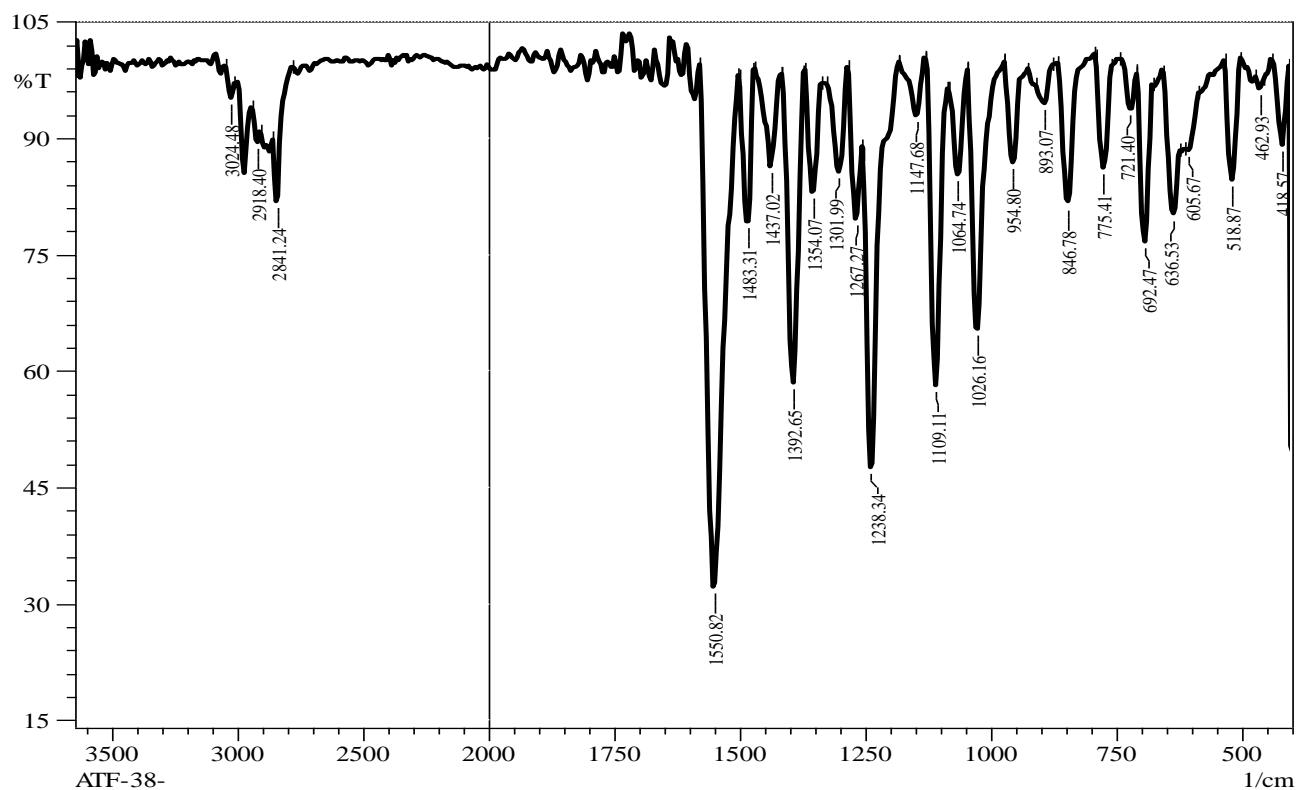


Fig. S6A: Theoretical: IR spectrum of complex 5

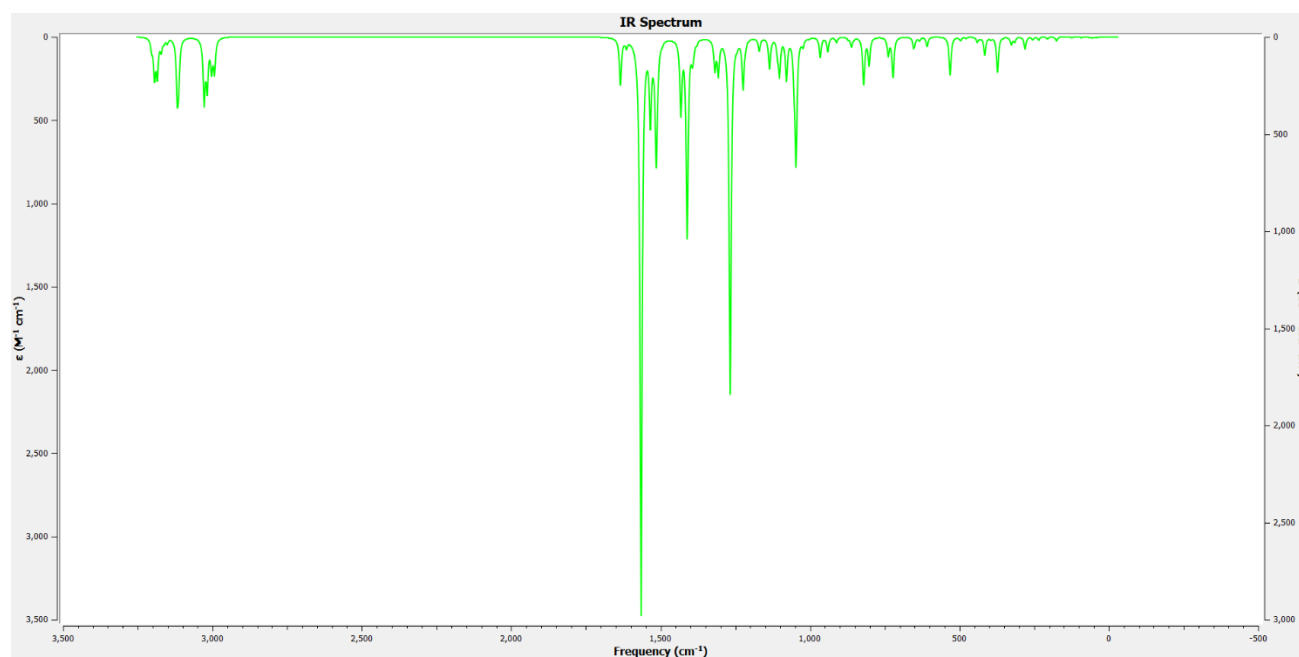


Fig. S7 : IR spectrum of complex 6

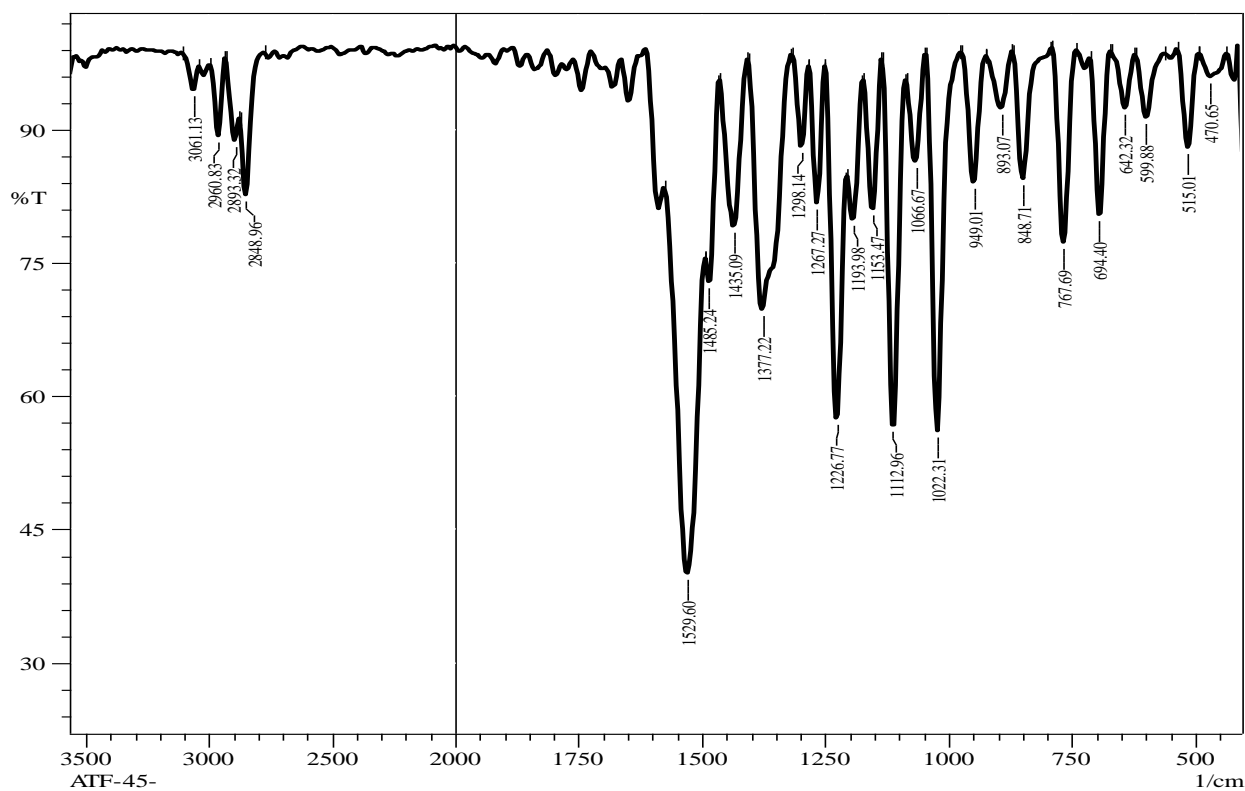


Fig. S8 : IR spectrum of complex 7

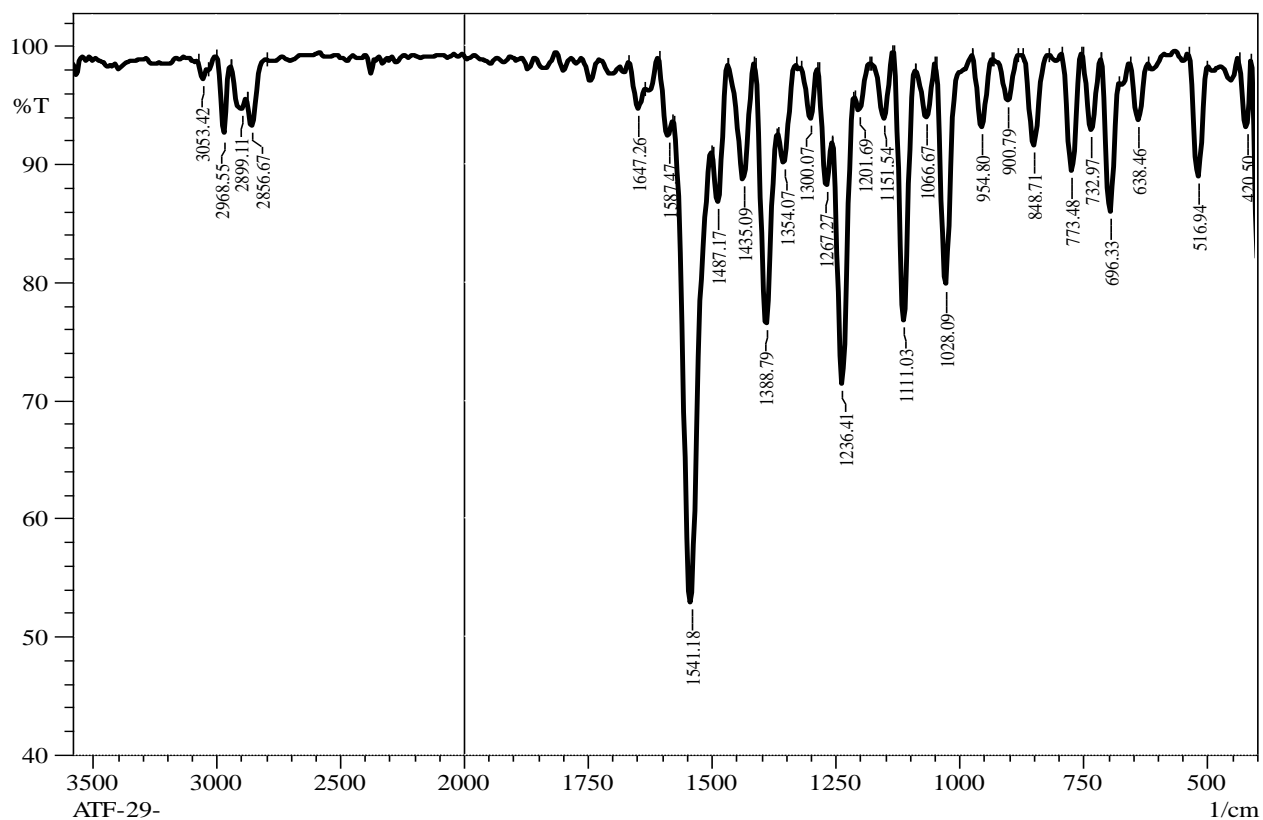


Fig. S7A: Theoretical: IR spectrum of complex 7

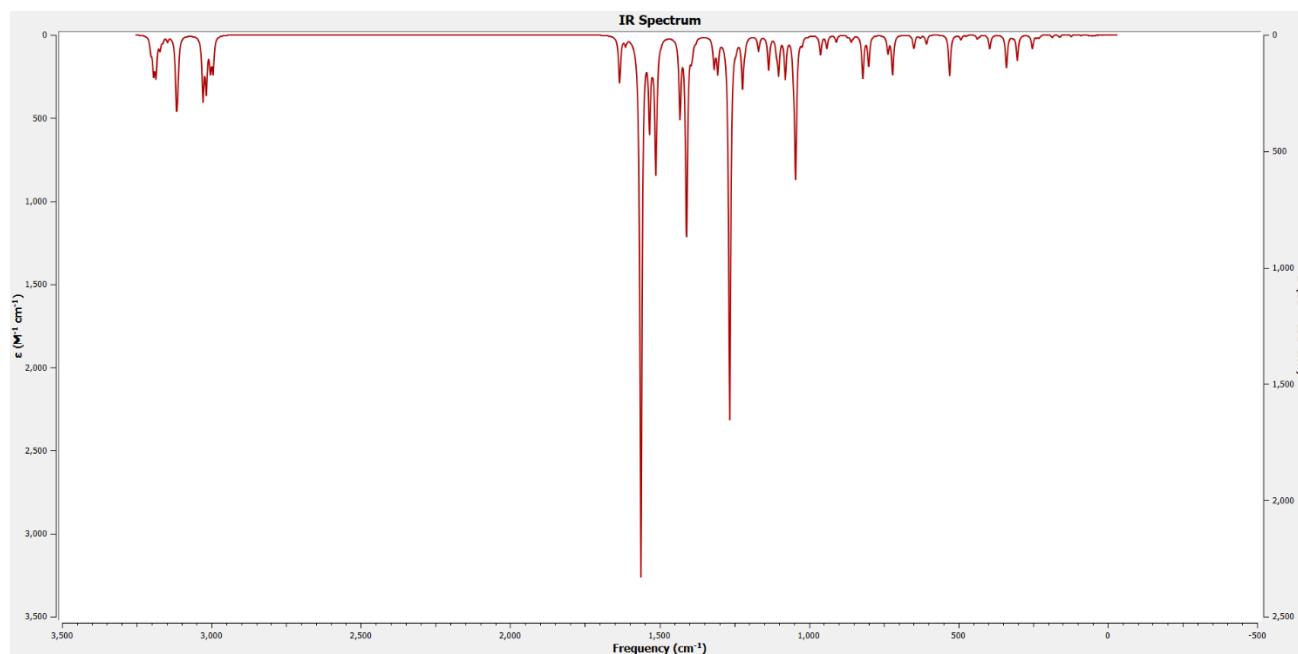


Fig. S9 : IR spectrum of complex 8

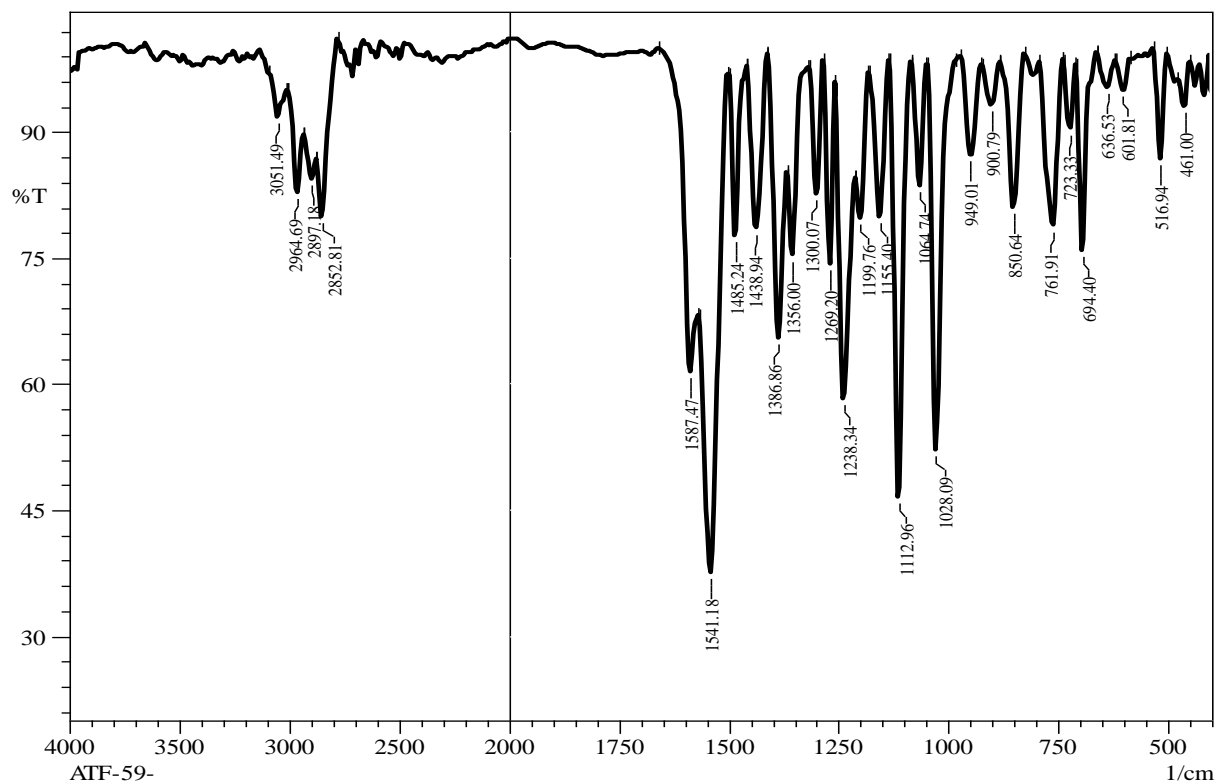


Fig. S9A: Theoretical: IR spectrum of complex **8**

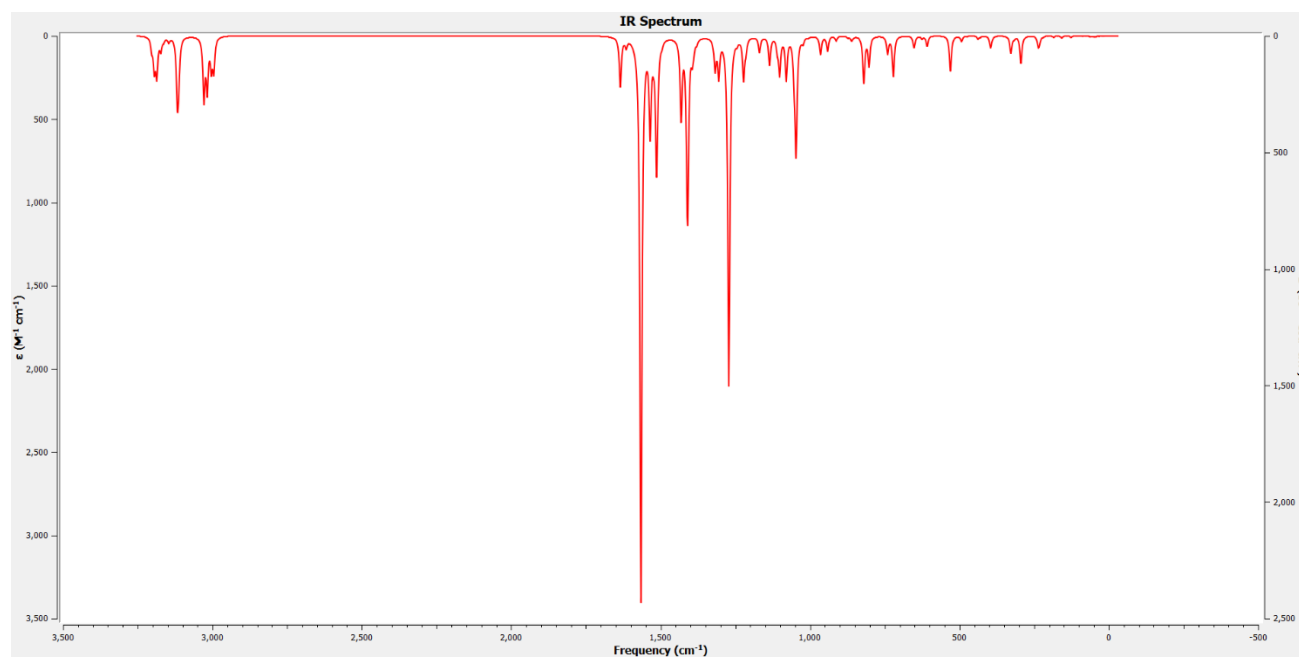


Fig. S9 : IR spectrum of complex **9**

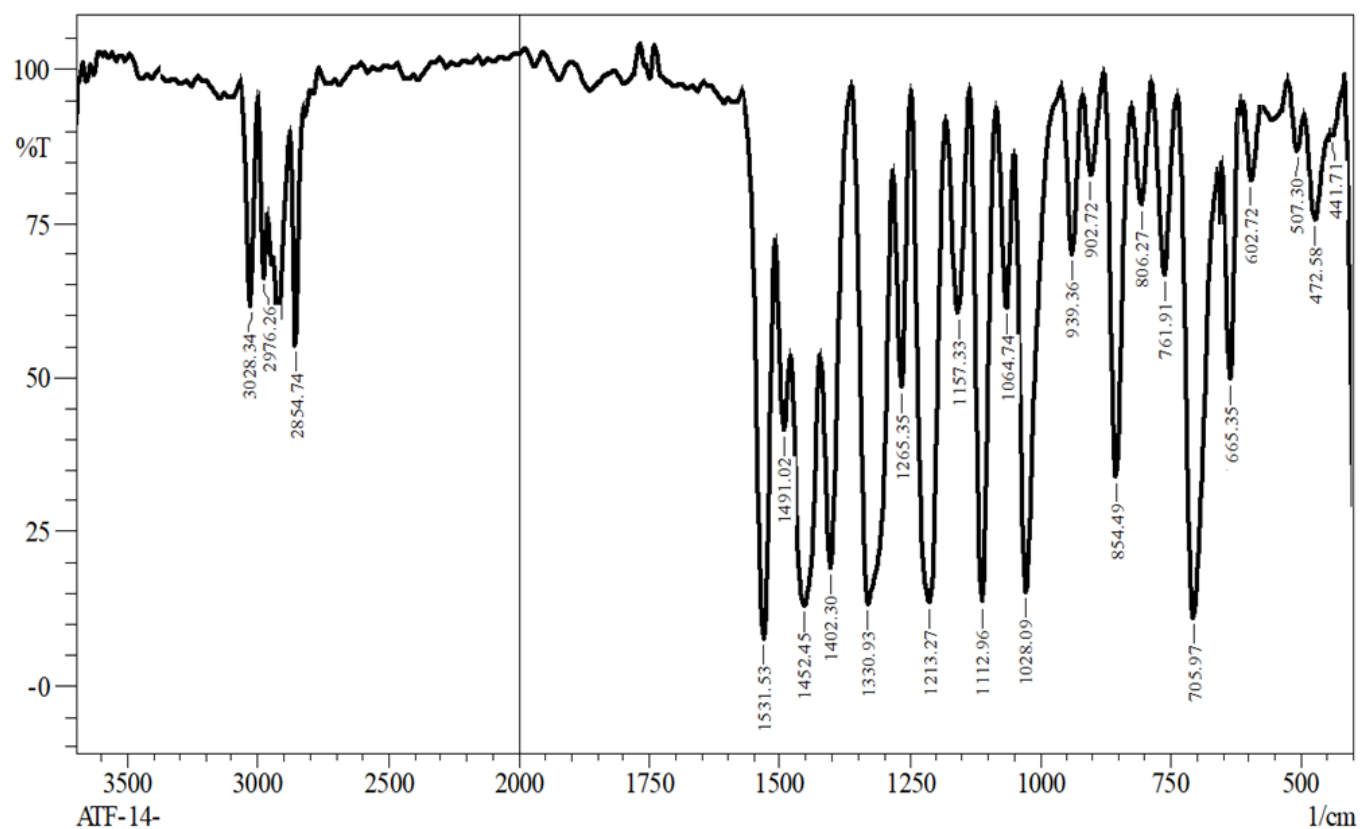


Fig. S10 : IR spectrum of complex **10**

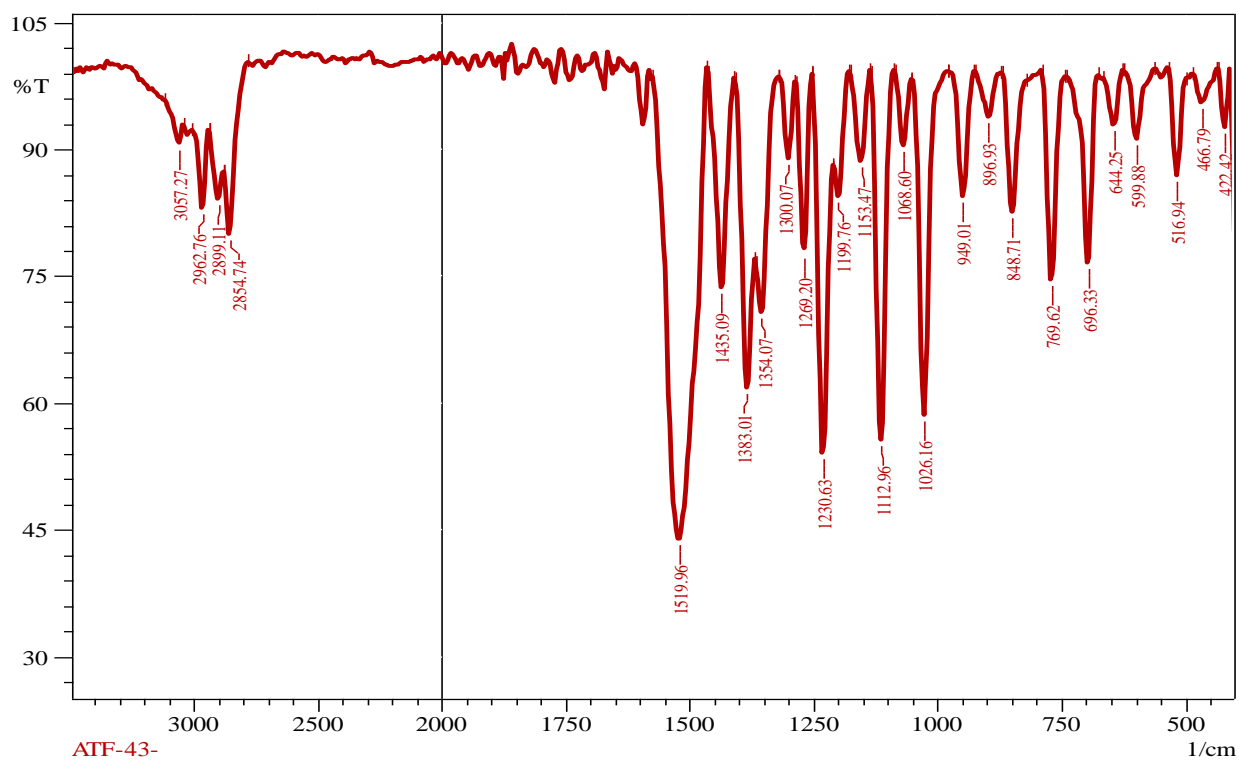


Fig. S11 : IR spectrum of complex **11**

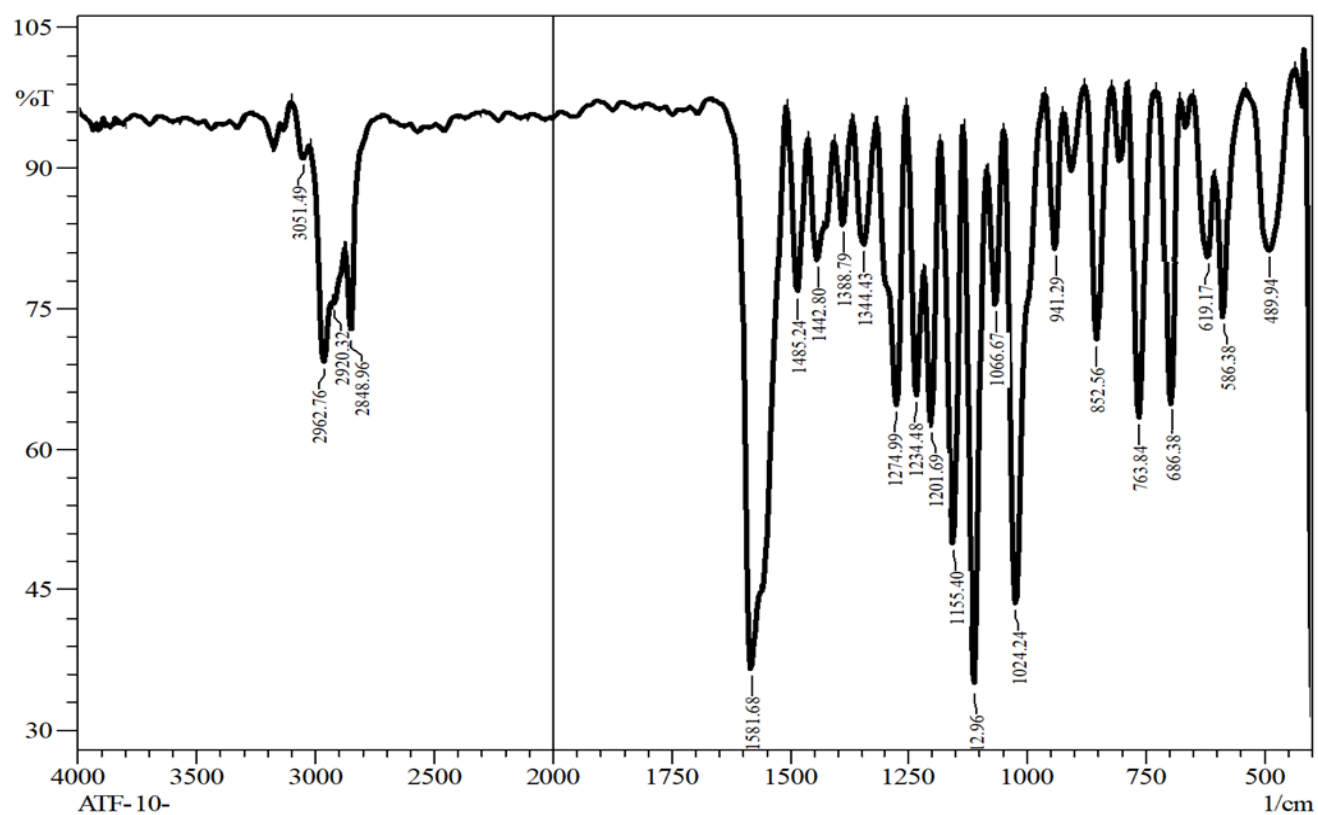


Fig. S12 : ^1H NMR spectrum of **HPMCT**

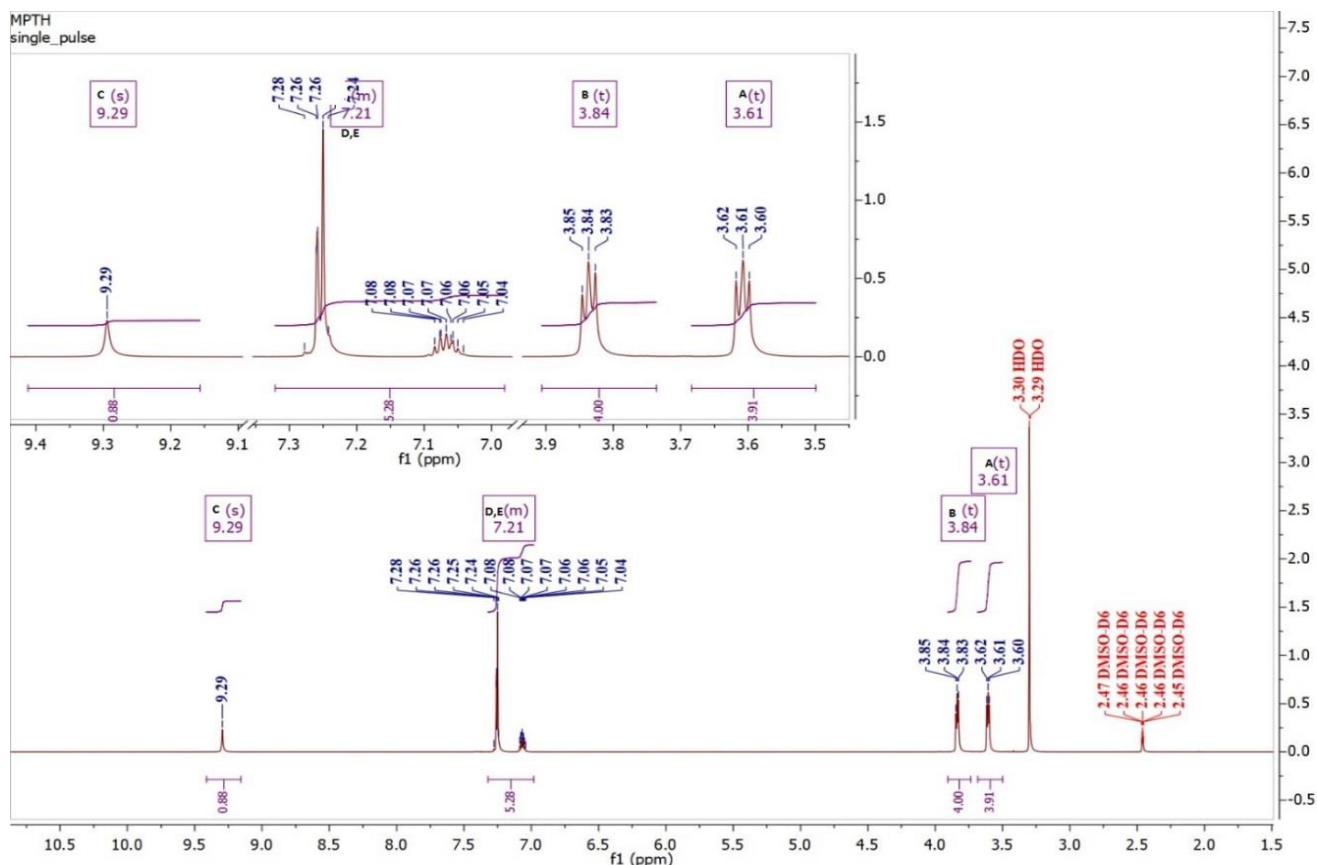


Fig. S13 : ^1H NMR spectrum of complex **2**

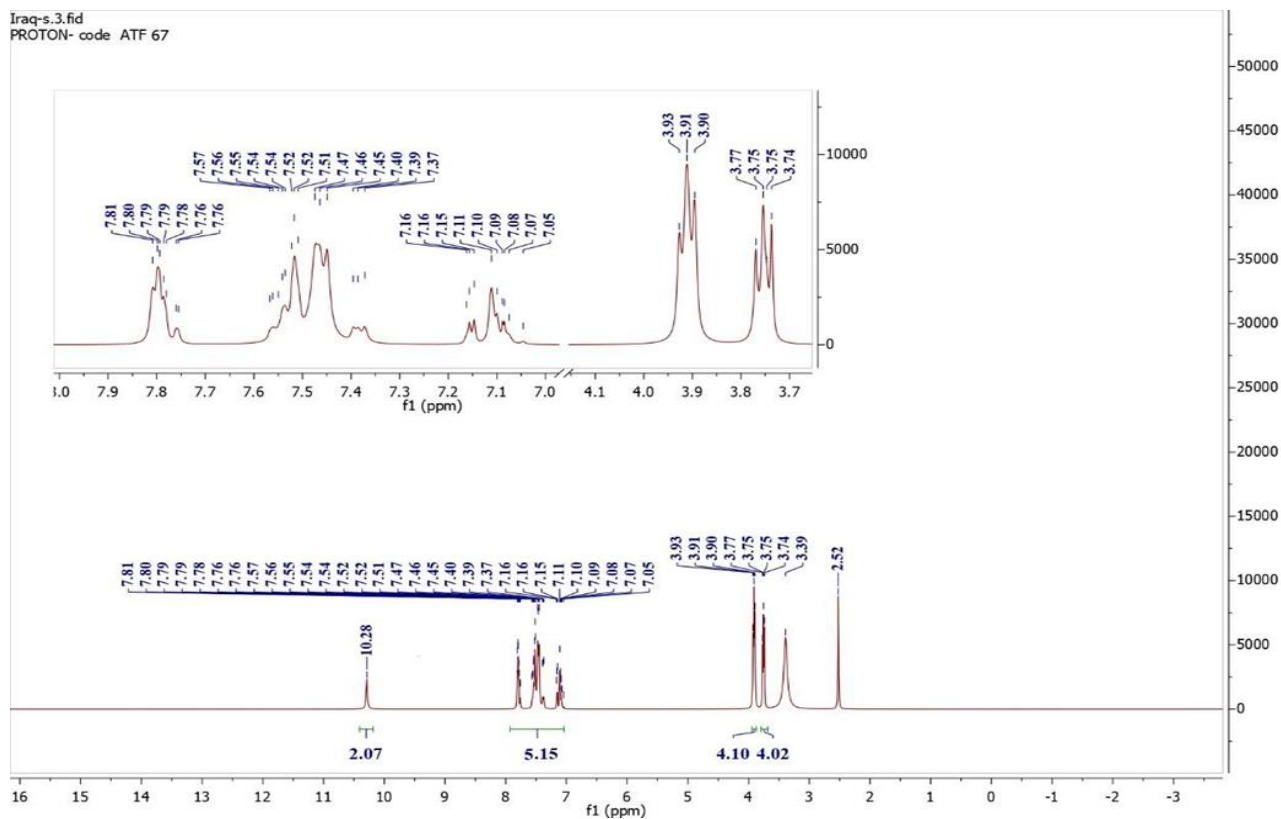


Fig. S14 : ^1H NMR spectrum of complex **3**

Supplementary information

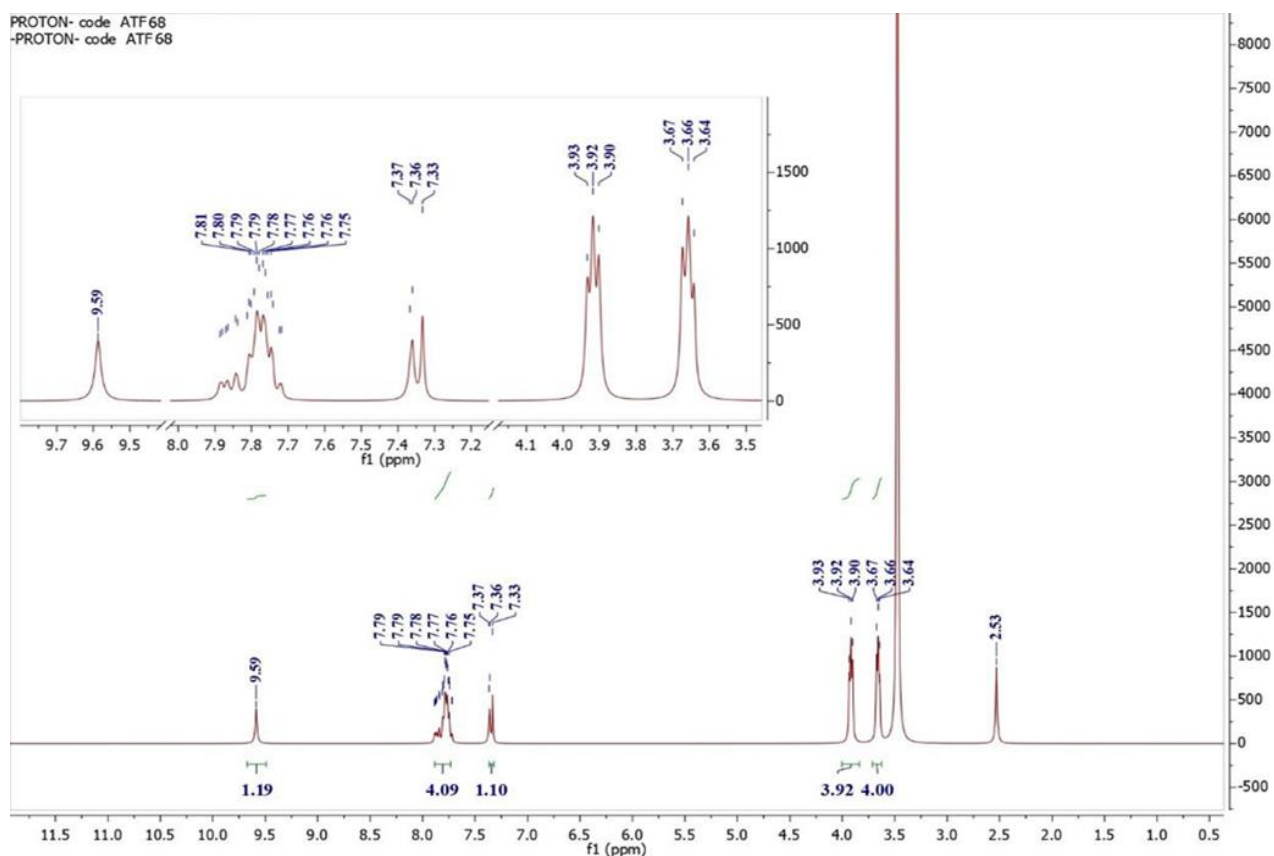


Fig. S15 : ^1H NMR spectrum of complex 4

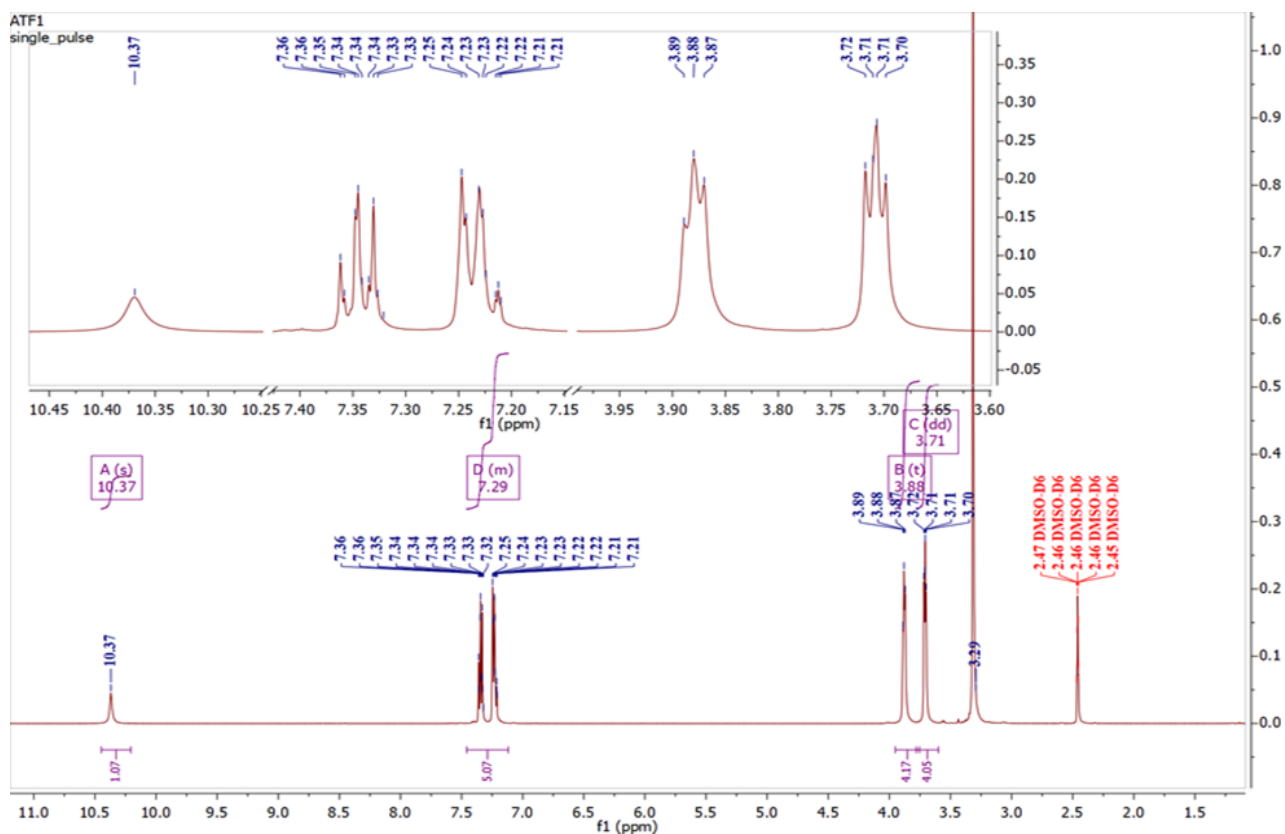


Fig. S16 : ^1H NMR spectrum of complex **7**

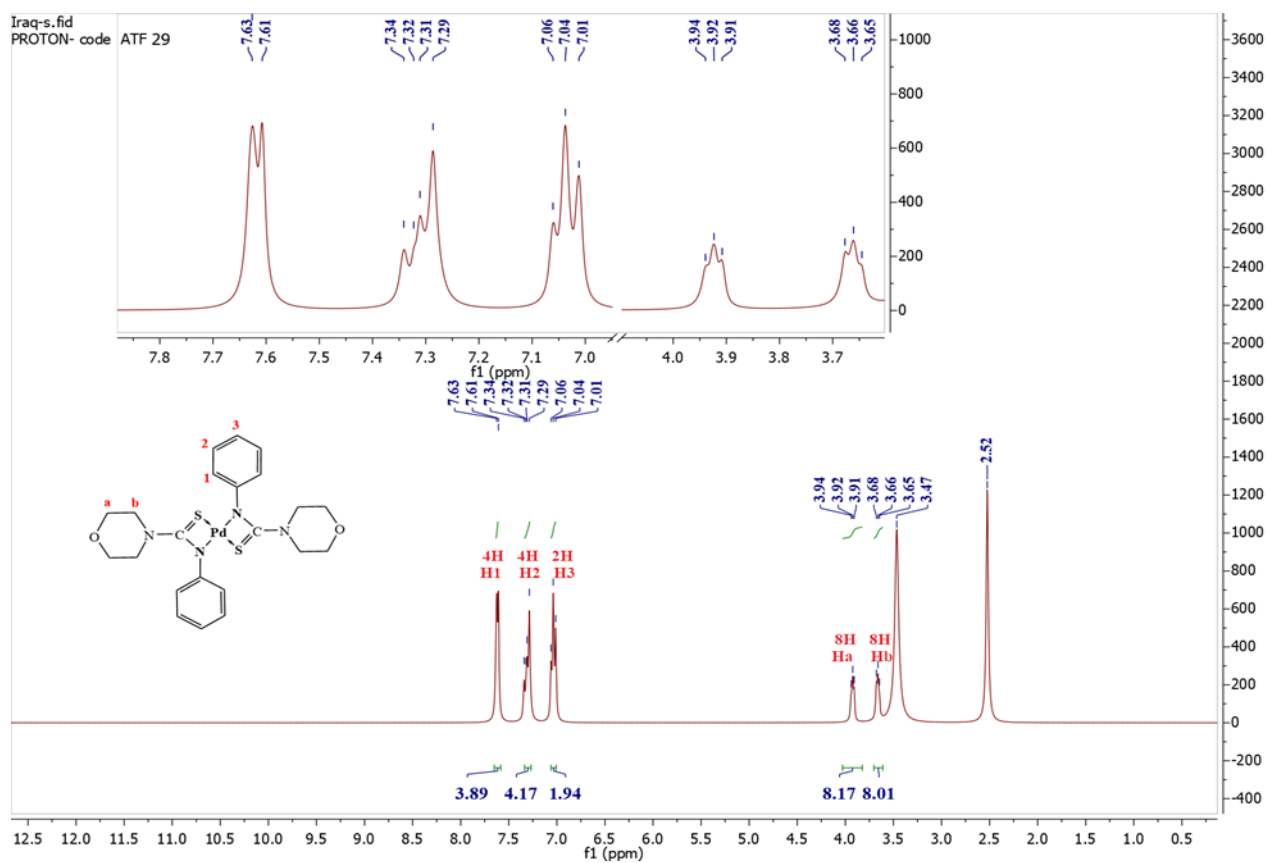
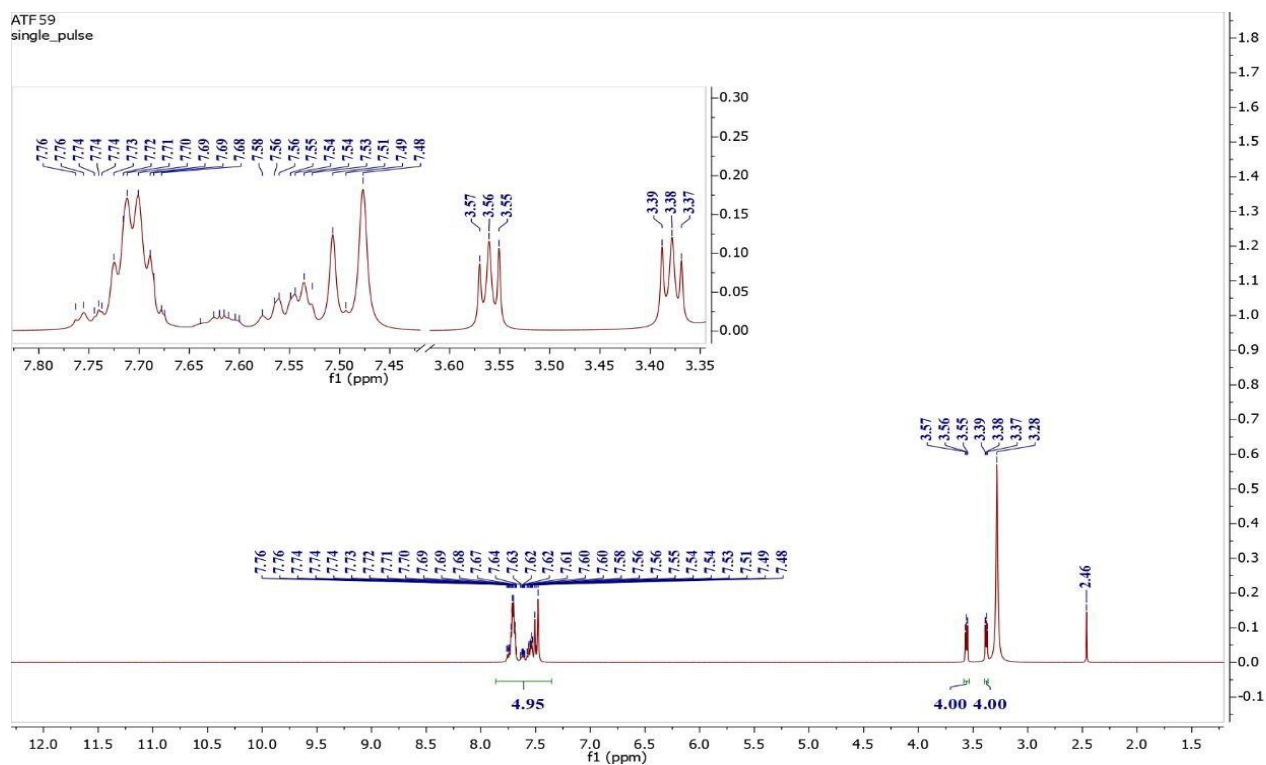


Fig. S17 : ^1H NMR spectrum of complex **8**



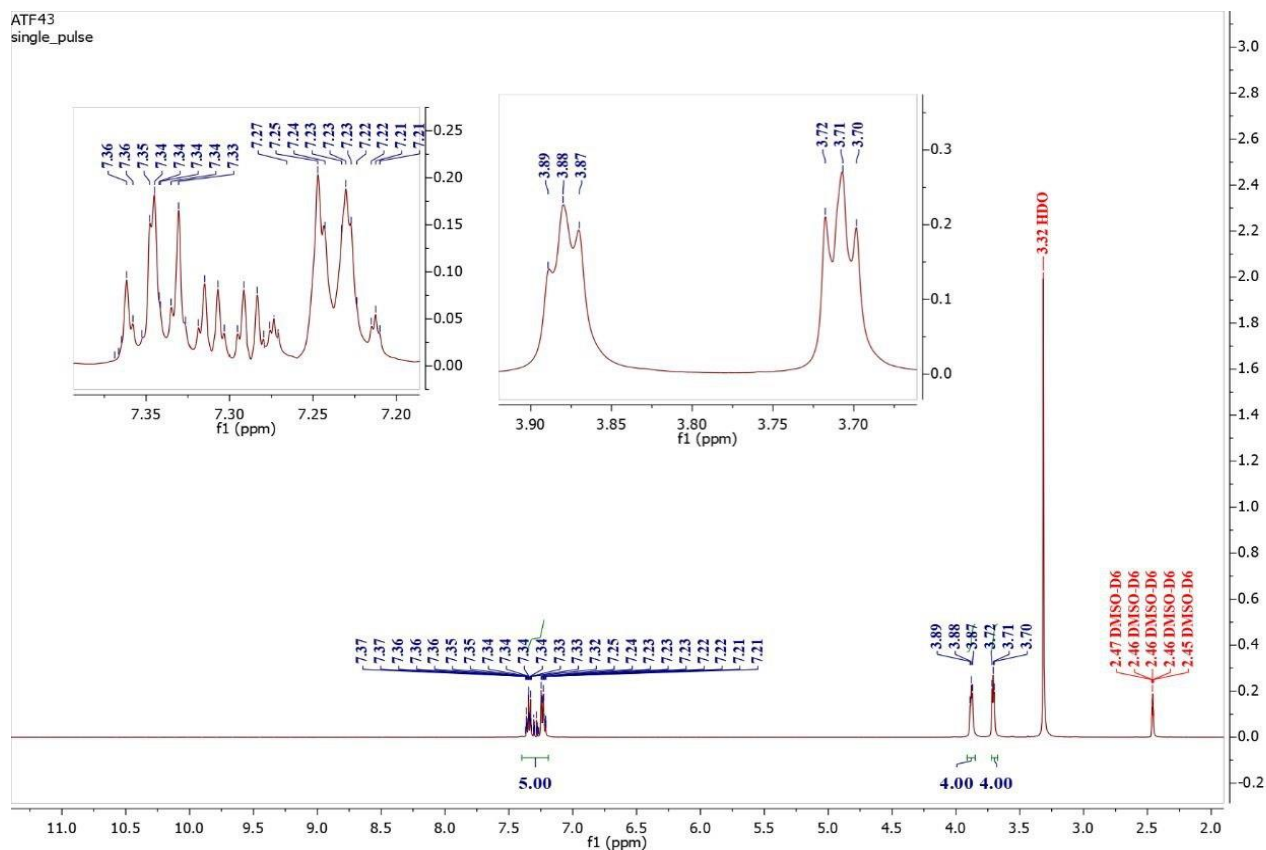


Fig. S19 : ^1H NMR spectrum of complex **11**

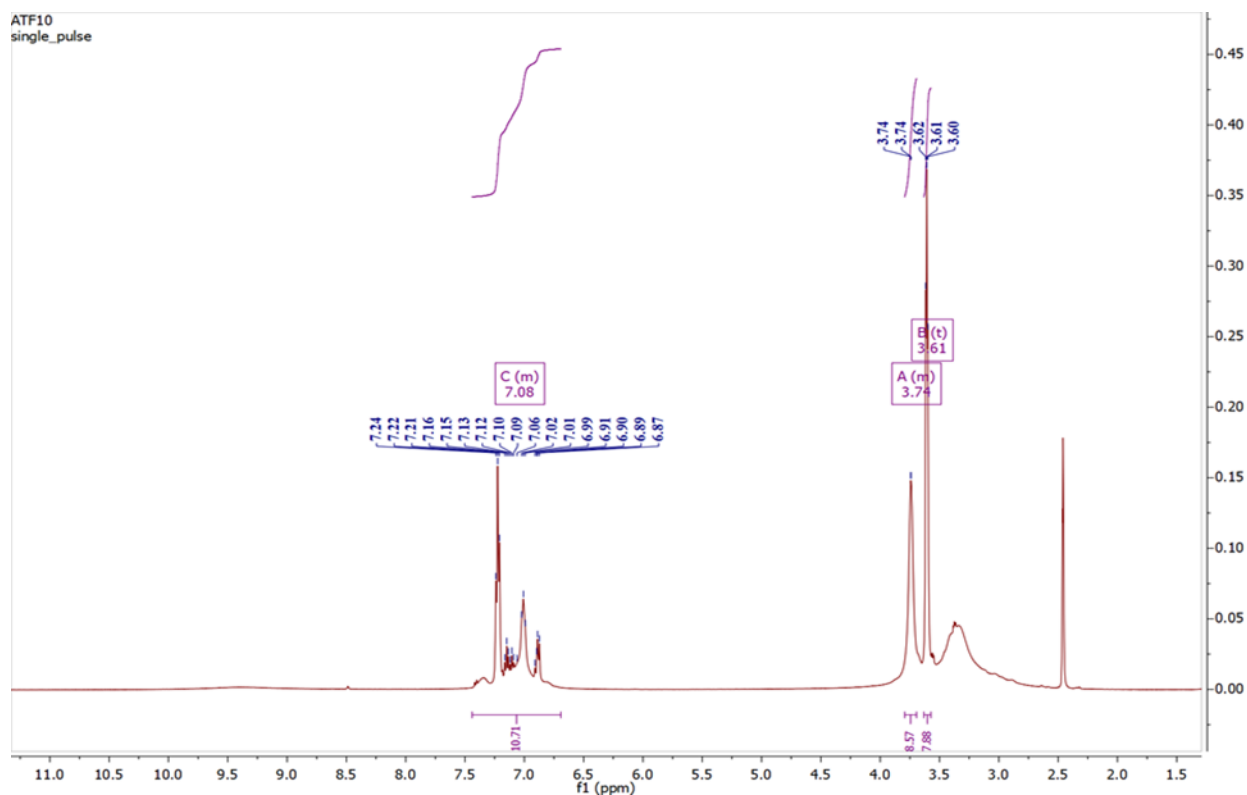


Fig. S20 : ^{13}C NMR spectrum of **HPMCT**

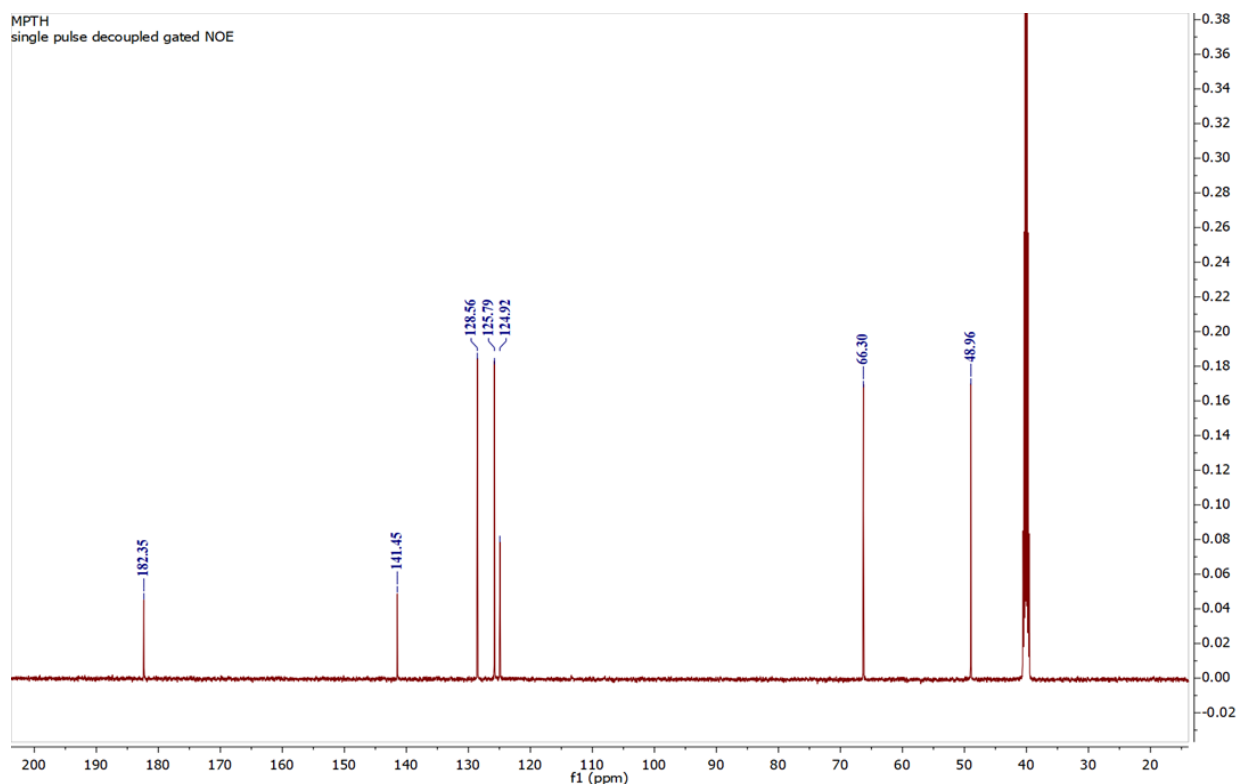


Fig. S21 : ^{13}C NMR spectrum of complex **4**

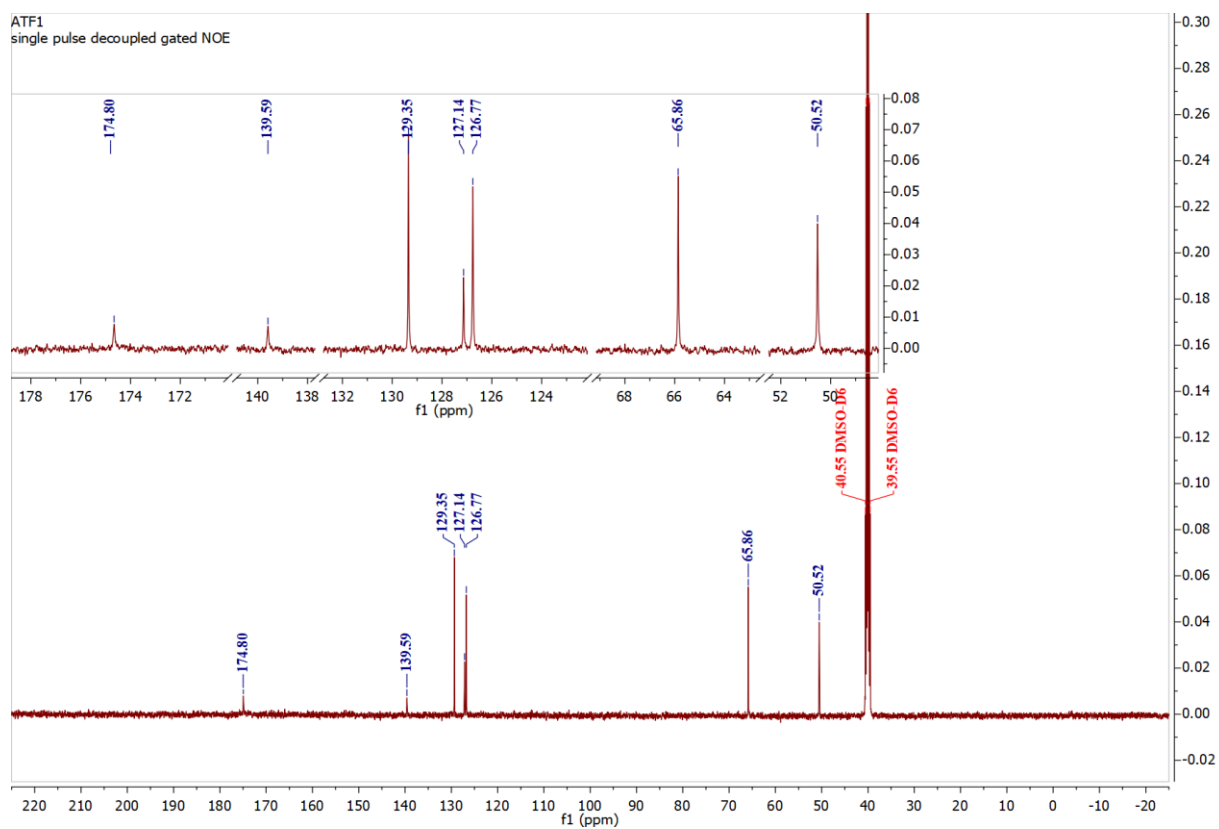


Fig. S22 : ^{13}C NMR spectrum of complex **11**

Supplementary information

