

### Supplementary Data

This supplementary data is a part of a paper entitled “Synthesis, Characterization, and Electrochemical Study of Novel Porphyrin Derivatives as Corrosion Inhibitors for Carbon Steel in HCl Solutions”.

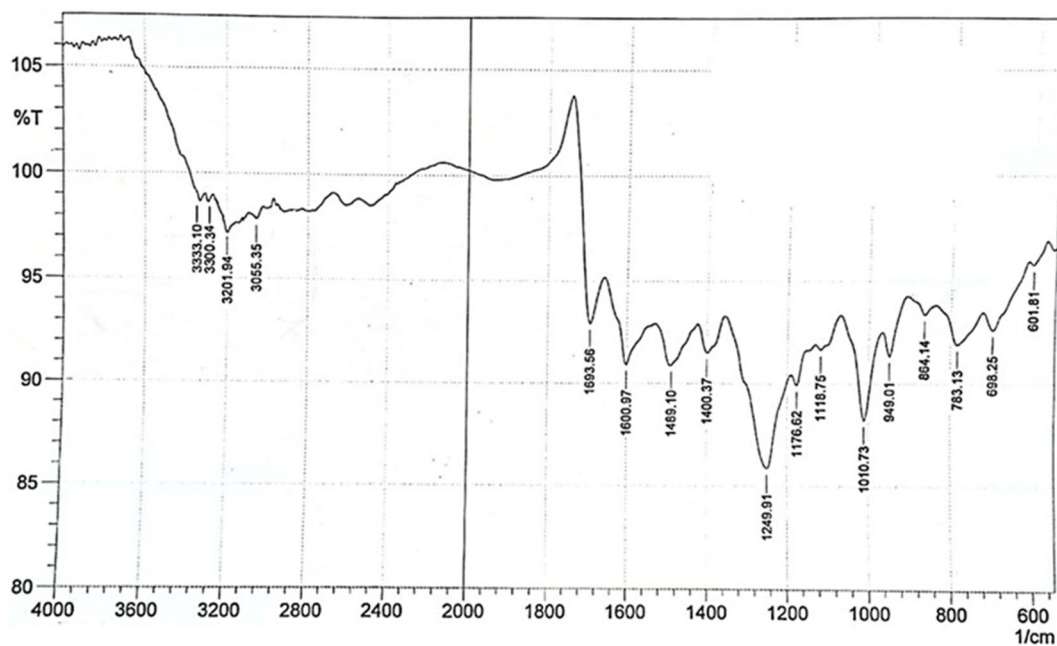


Fig S1. FTIR spectrum of compound 3a

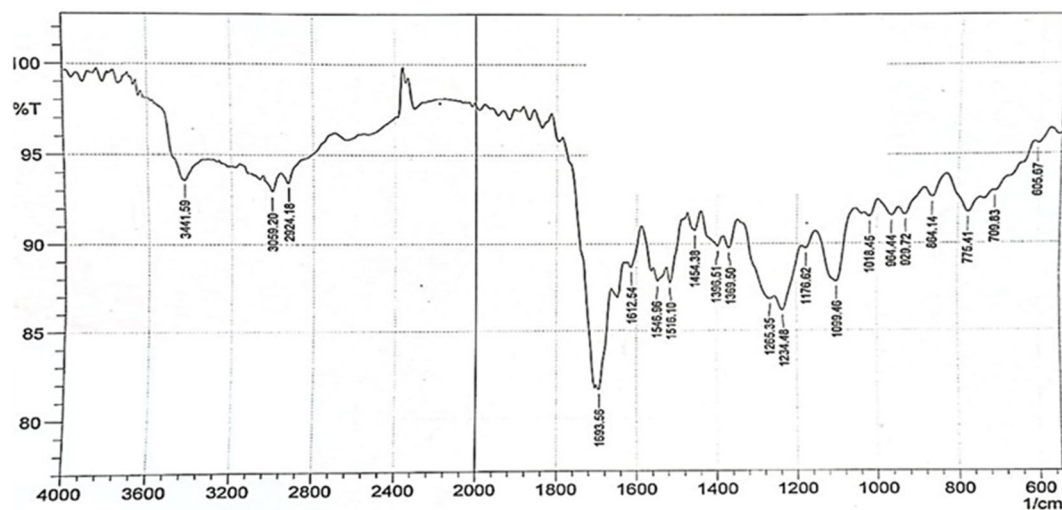
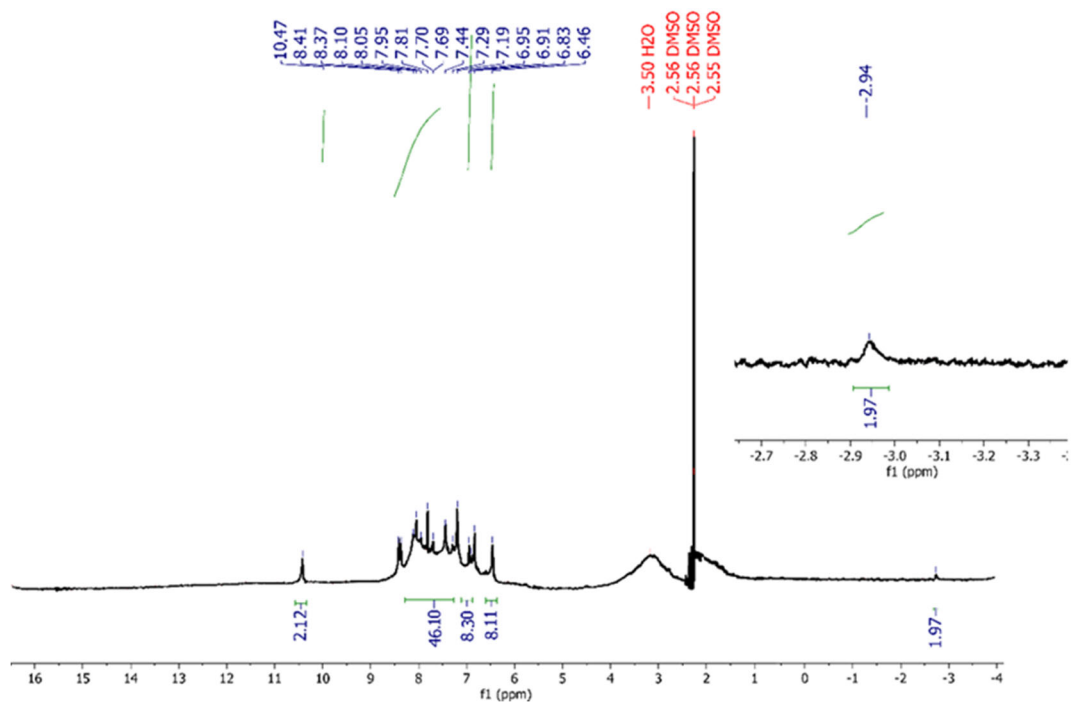
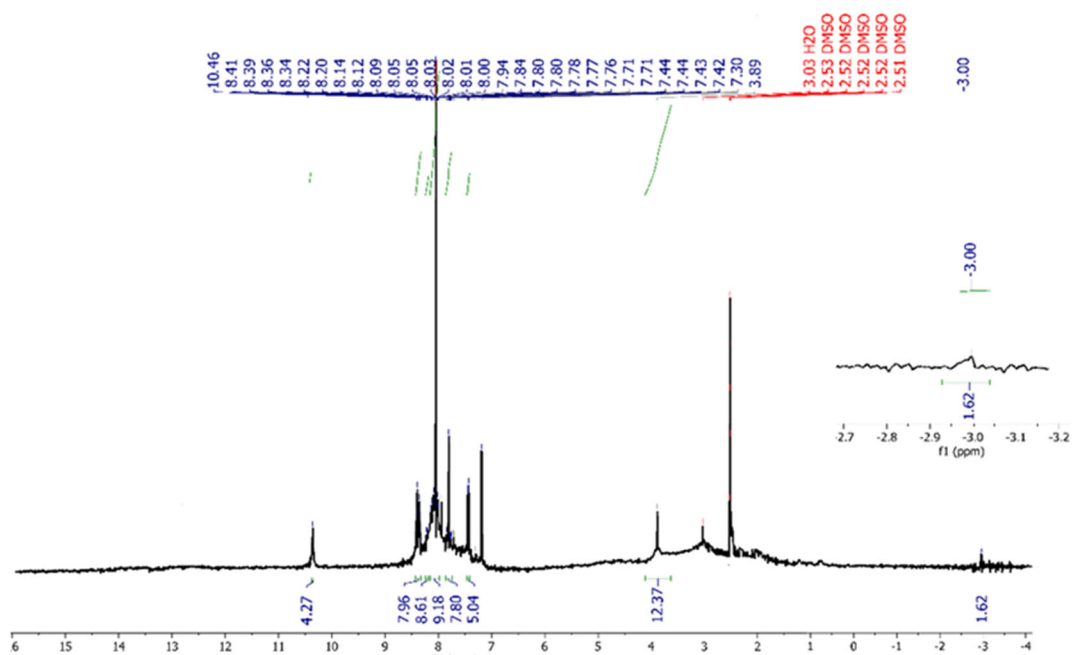


Fig S2. FTIR spectrum of compound 3b

Fig S3. <sup>1</sup>H-NMR spectrum of compound 3aFig S4. <sup>1</sup>H-NMR spectrum of compound 3b

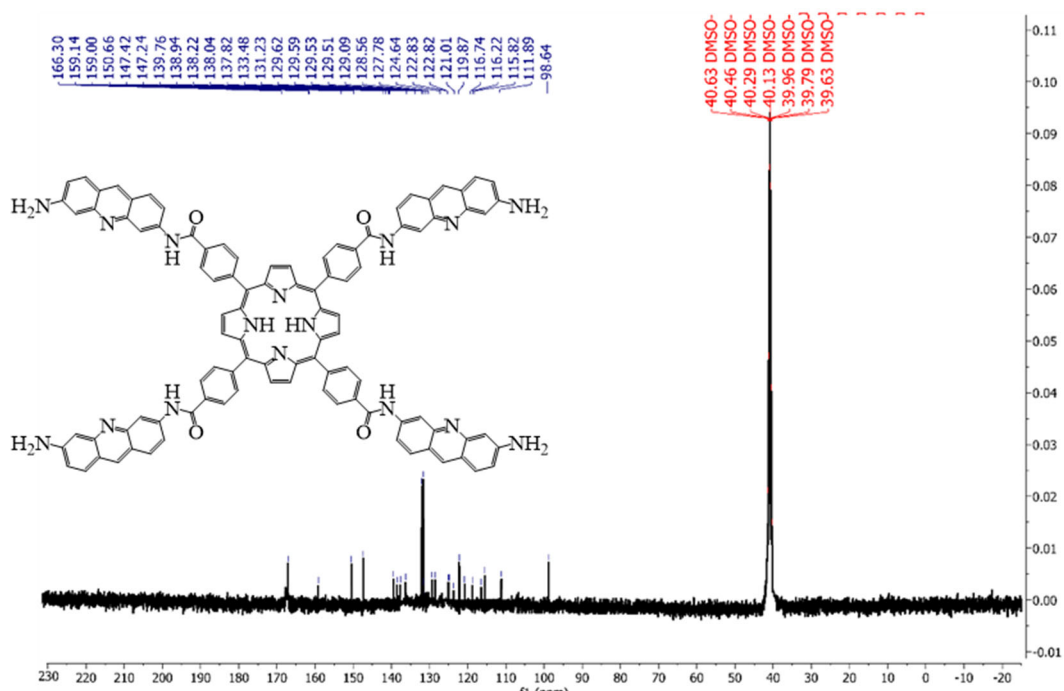


Fig S5. <sup>13</sup>C-NMR spectrum of compound 3a

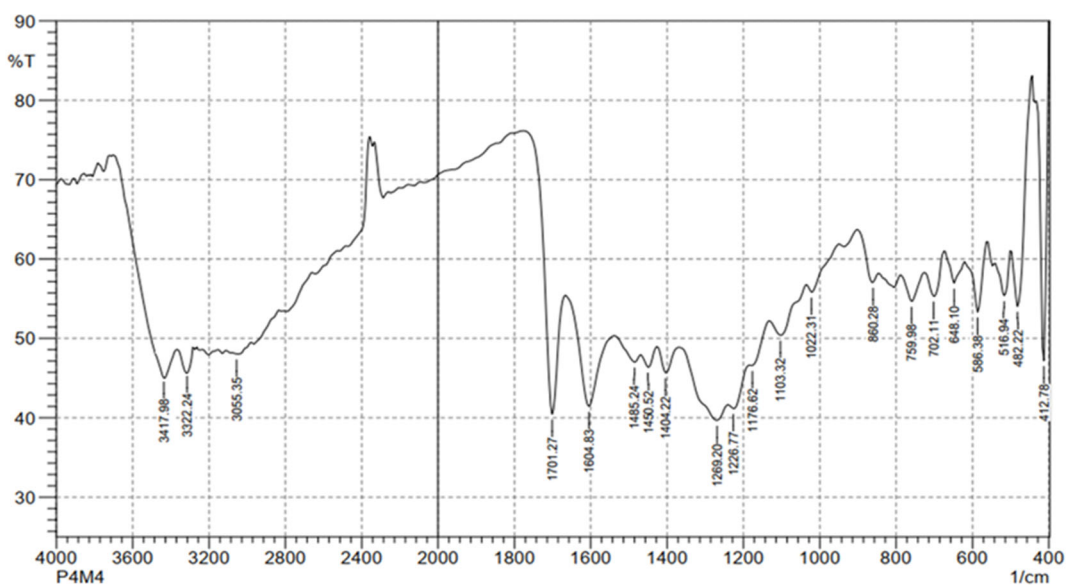


Fig S6. FTIR spectrum of compound 5a

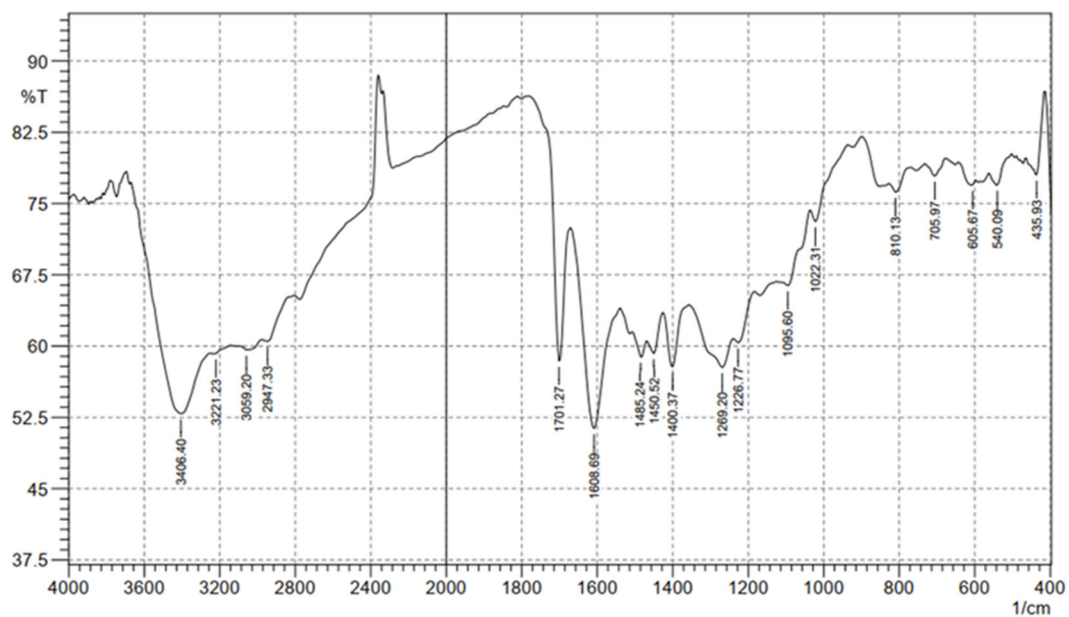
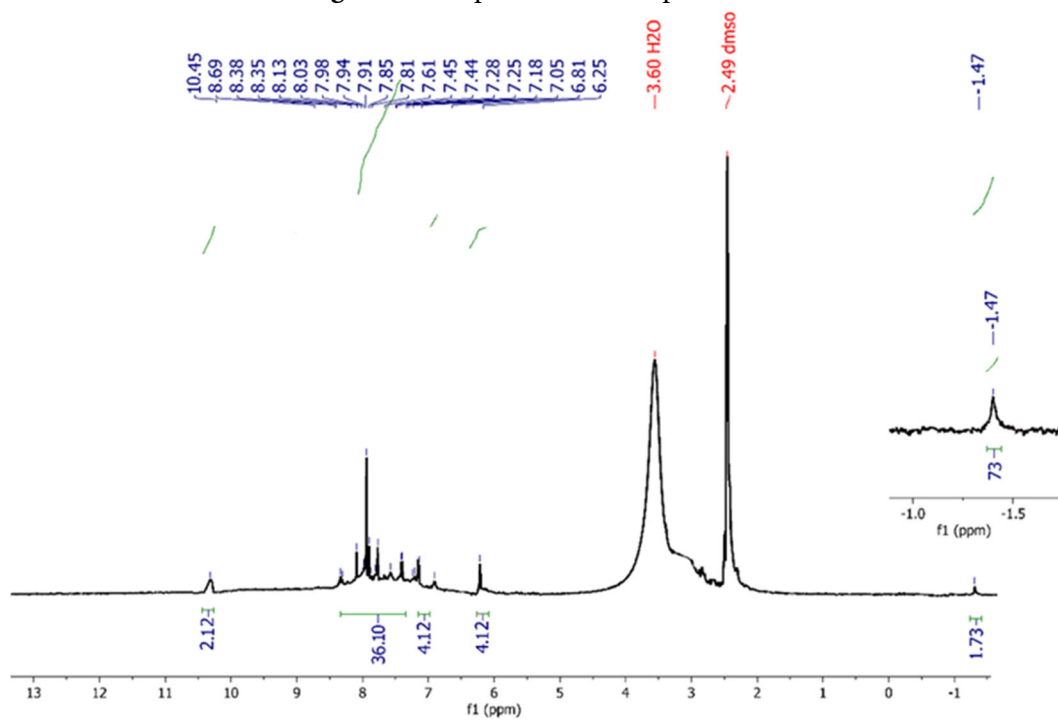


Fig S7. FTIR spectrum of compound 5b

Fig S8. <sup>1</sup>H-NMR spectrum of compound 5a

