

Supplementary Information

Quinoline incorporating pyrimidine heterocyclic azo dye derivatives: Synthesis, characterization and applications

Harsh D Trivedi^a, Vidhi B Joshi^a & Bonny Y Patel^{b,*}

^a Department of Chemistry, B. V. Shah (Vadi-Vihar) Science College, C. U. Shah University, Wadhwan City 363 001, Gujarat, India

^b School of Science, Department of Chemistry, R. K. University, Rajkot 360 020, Gujarat, India

*E-mail: bonny.y.patel@gmail.com

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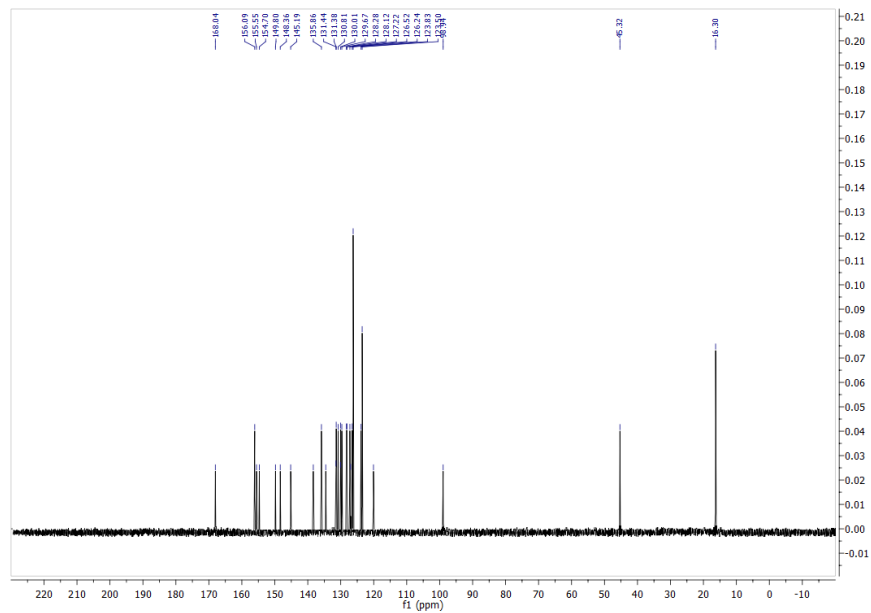


Fig. S3 – ^{13}C NMR spectrum of compound IVc

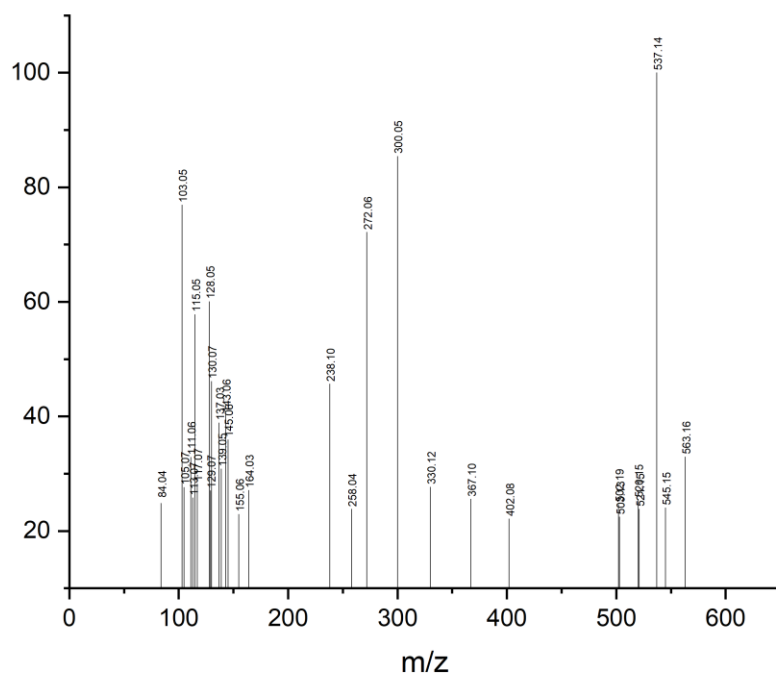


Fig. S4 – LCMS of compound IVc

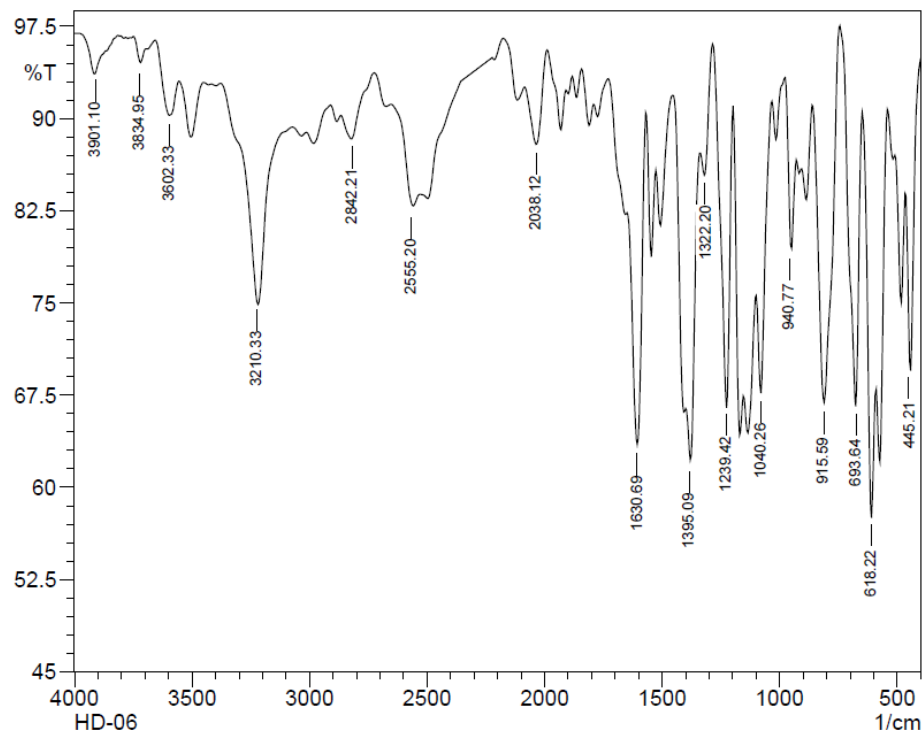


Fig. S5 – FTIR spectrum of compound IVh

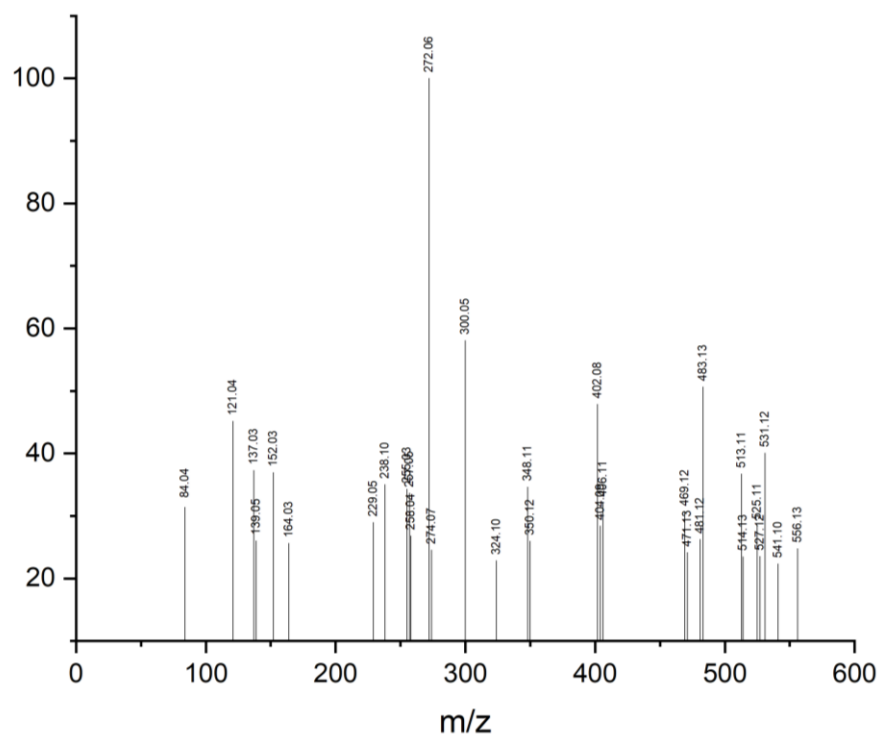


Fig. S6 – LCMS of compound IVh

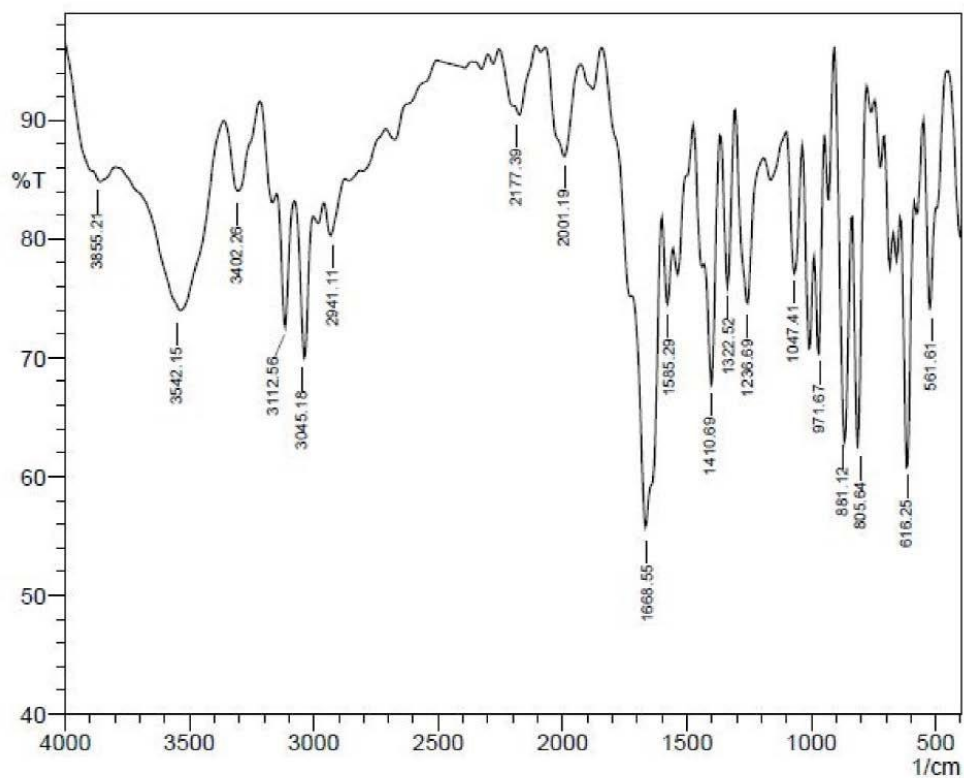


Fig. S7 – FTIR spectrum of compound IVI

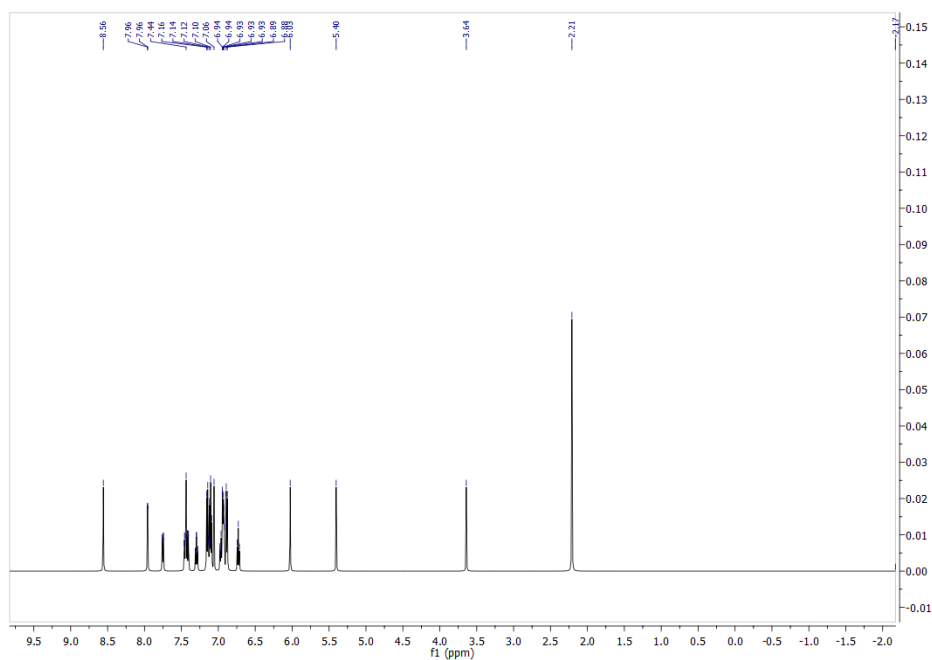


Fig. S8 – ¹H NMR spectrum of compound IVI

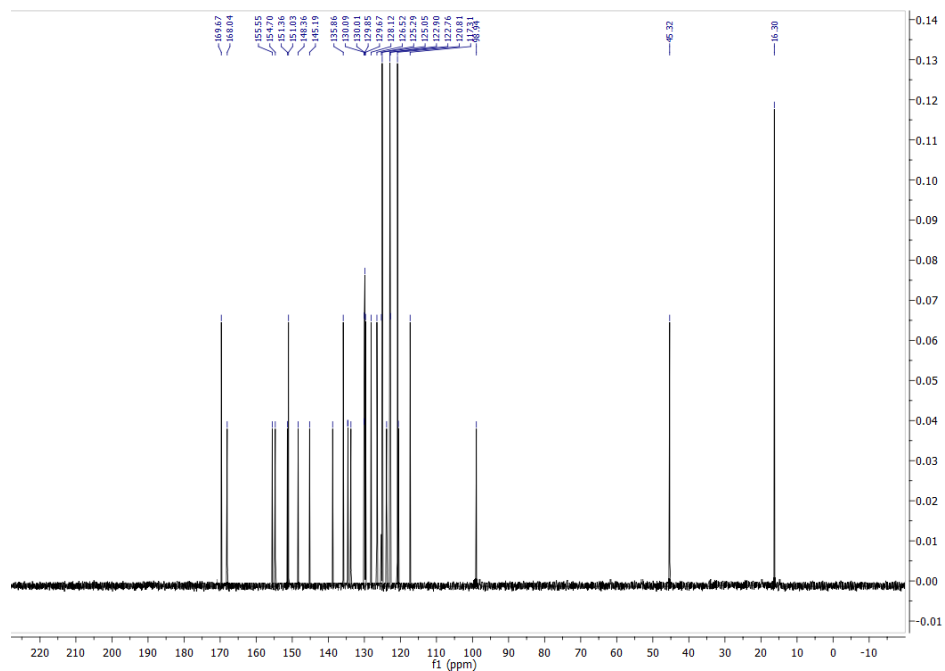


Fig. S9 – ^{13}C NMR spectrum of compound IVI

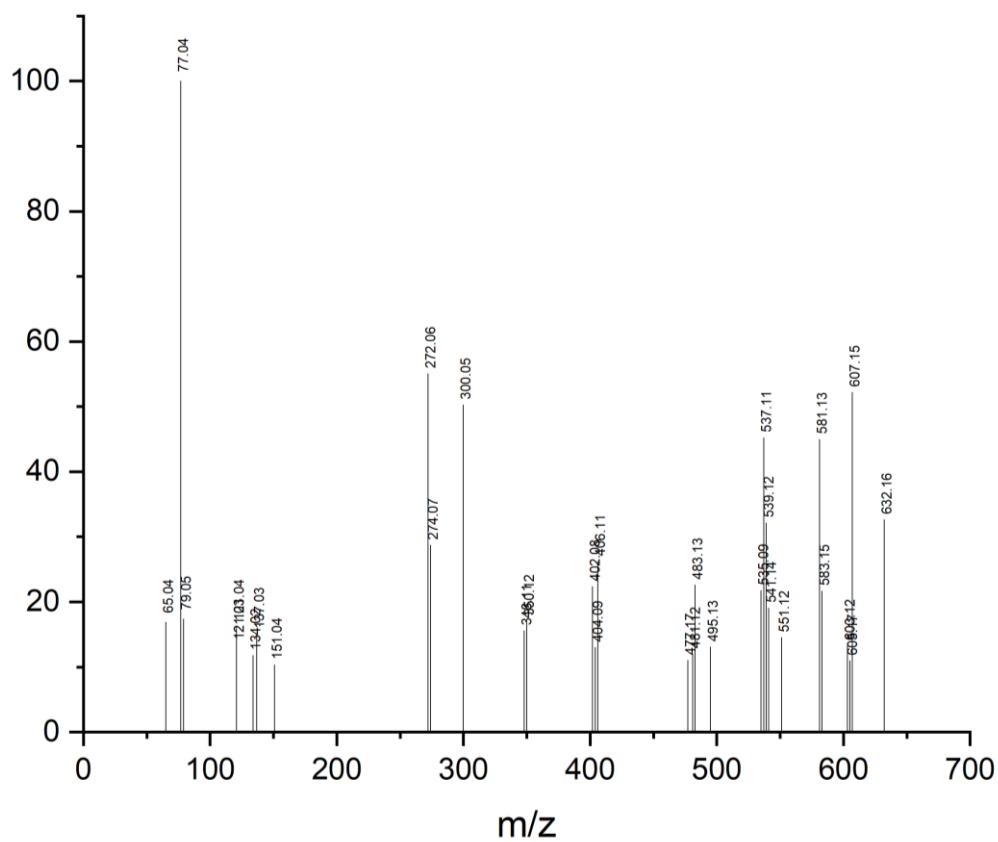


Fig. S10 – LCMS of compound IVI

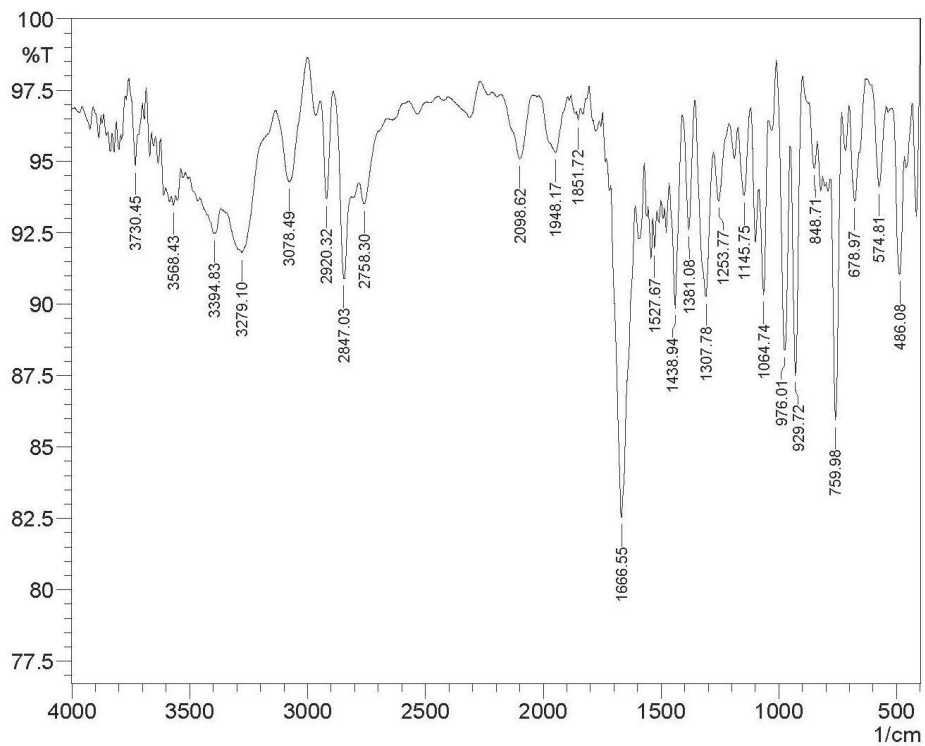


Fig. S11 – FTIR spectrum of compound IVn

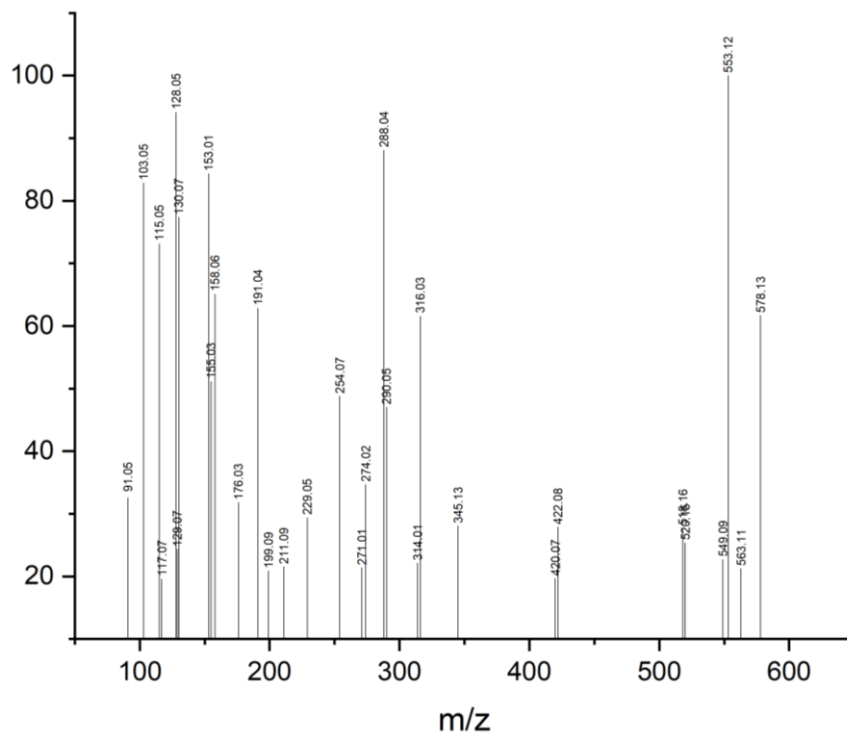


Fig. S12 – LCMS of compound IVn

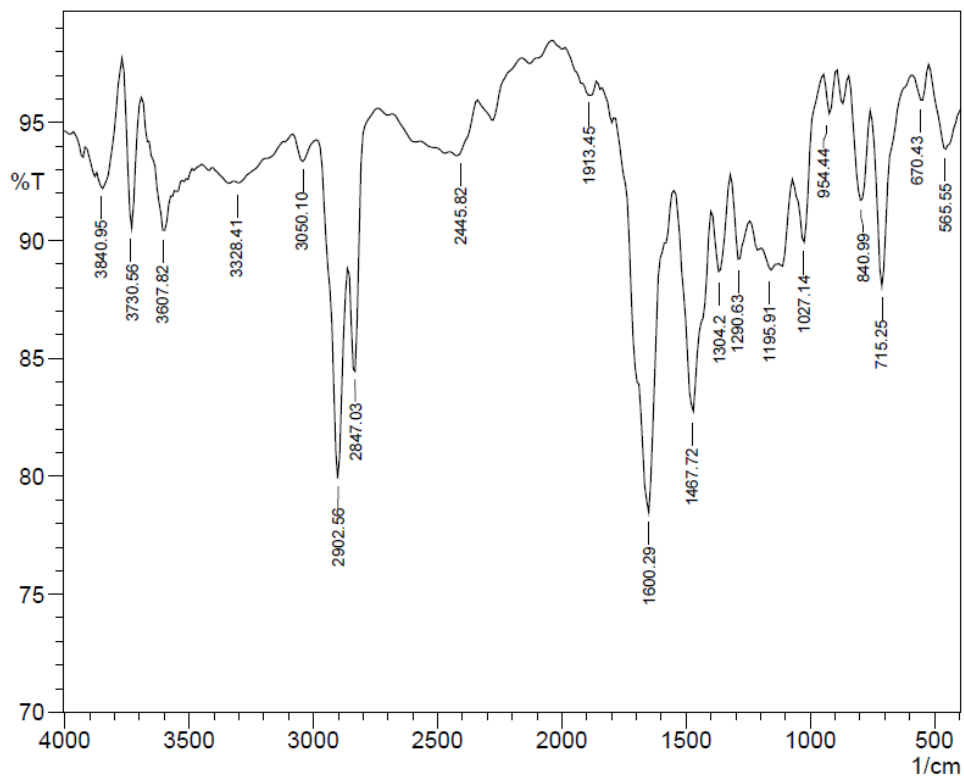


Fig. S13 – FTIR spectrum of compound IVr

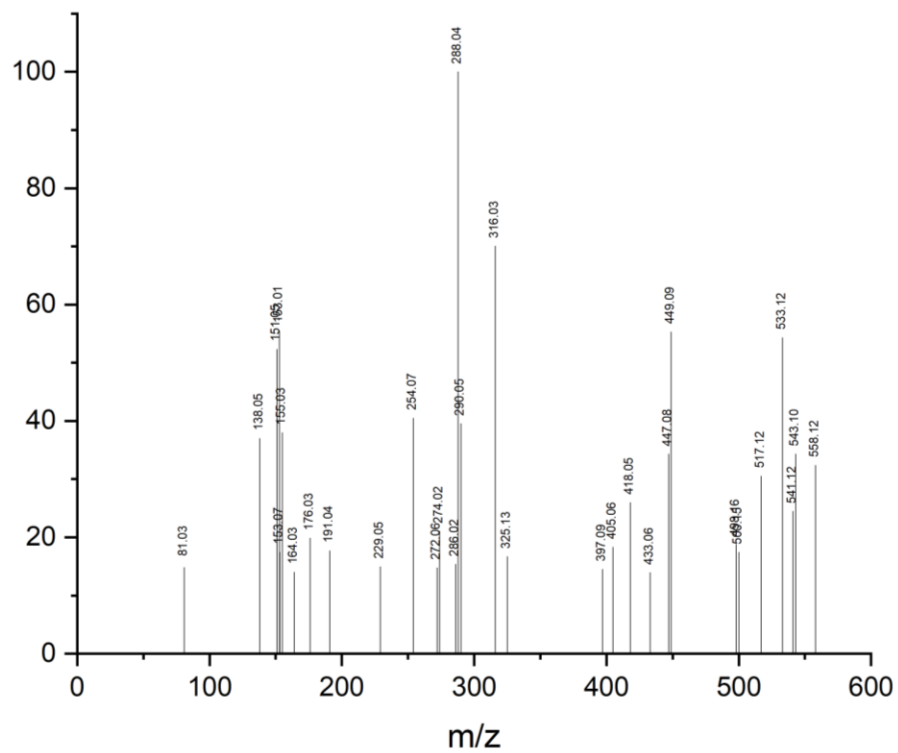


Fig. S14 – LCMS of compound IVr

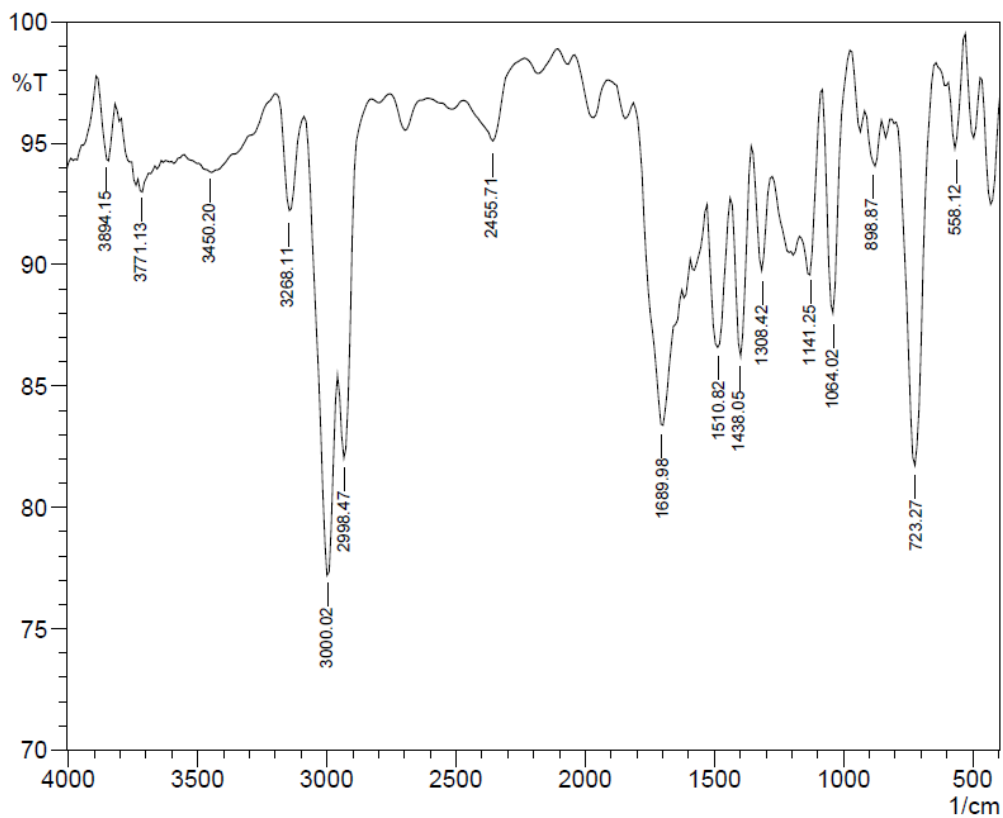


Fig. S15 – FTIR spectrum of compound IVw

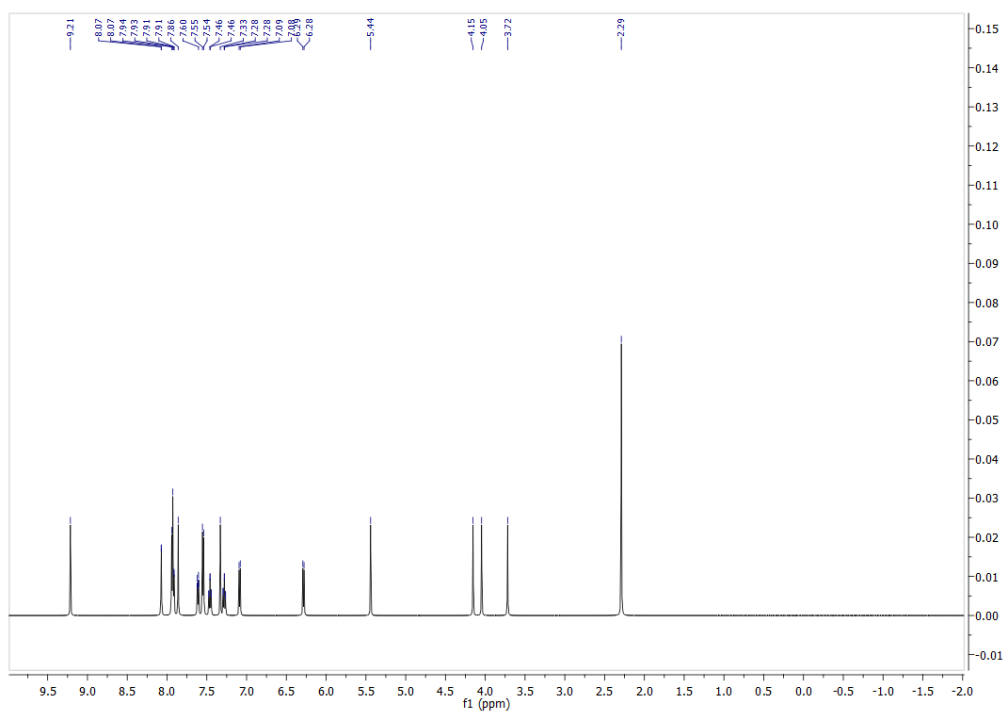


Fig. S16 – ¹H NMR spectrum of compound IVw

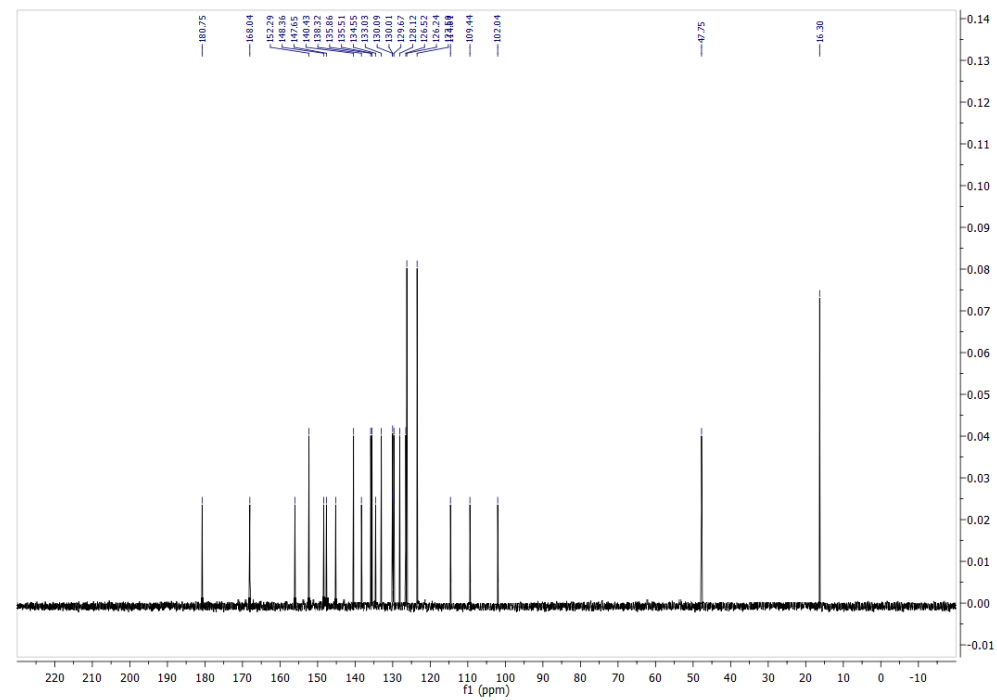


Fig. S17 – ^{13}C NMR spectrum of compound IVw

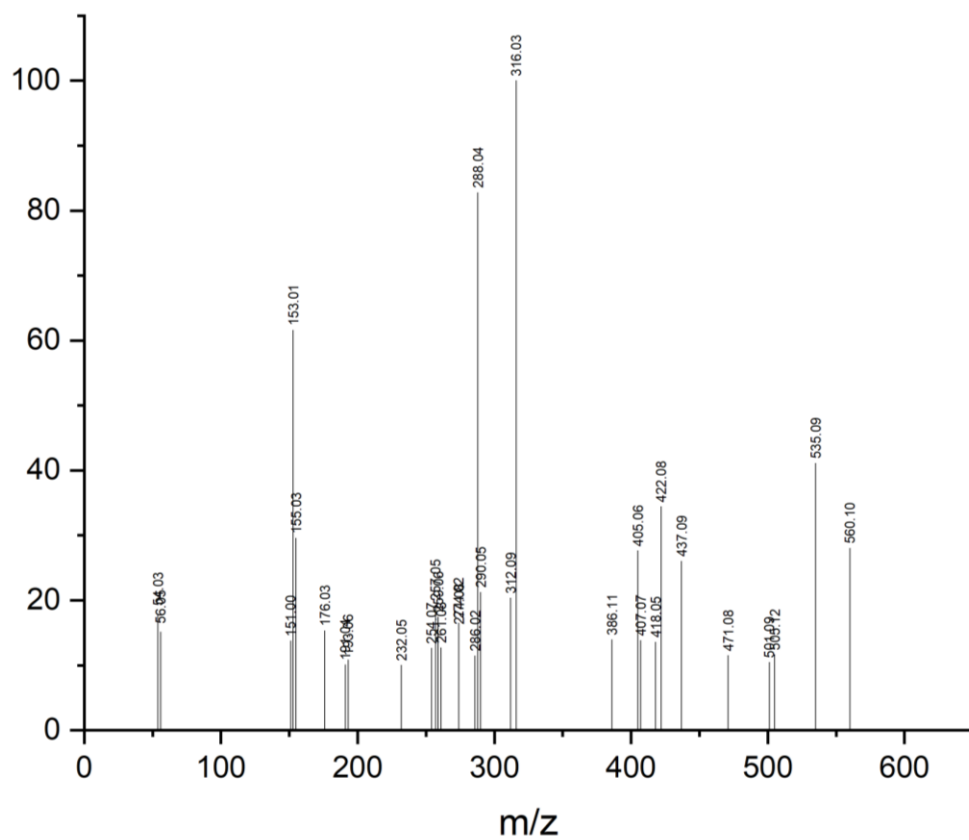


Fig. S18 – LCMS of compound IVw