

Supplementary information

Supplementary data: 1D and 2D NMR spectra, IR spectra, UV-Vis spectra and HRMS spectra for the compounds **(3)** and **(4)**

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1D and 2D NMR spectra for compound (3)

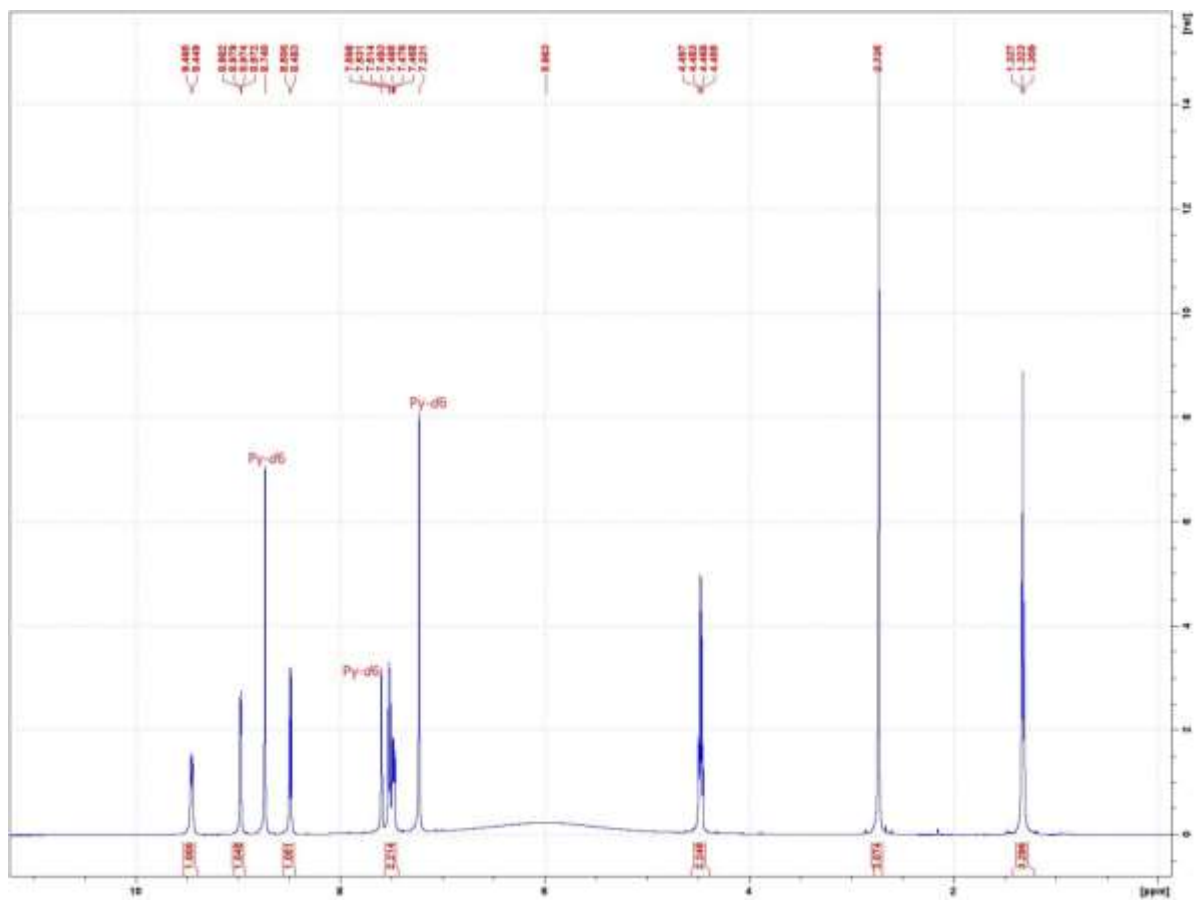
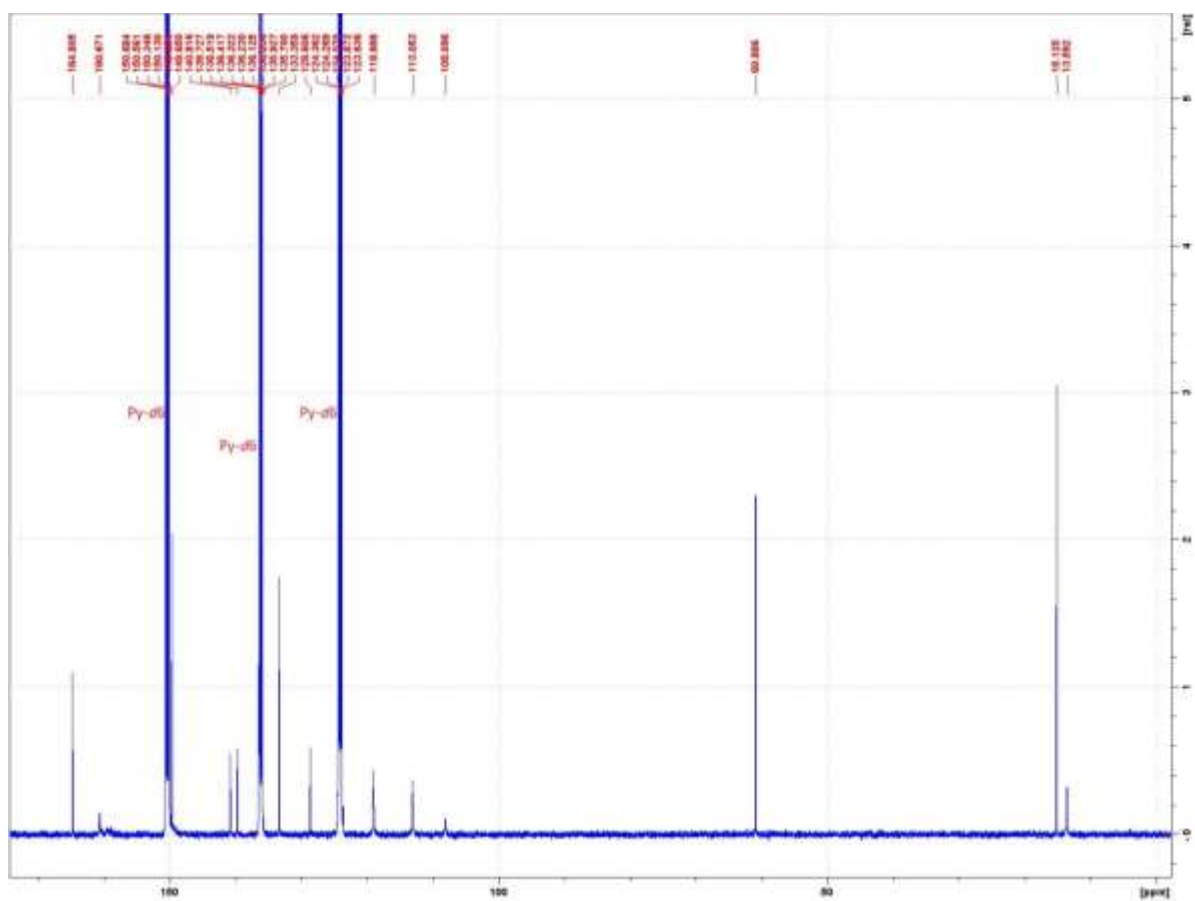


Figure S1. ¹H NMR spectrum of the compound (3)



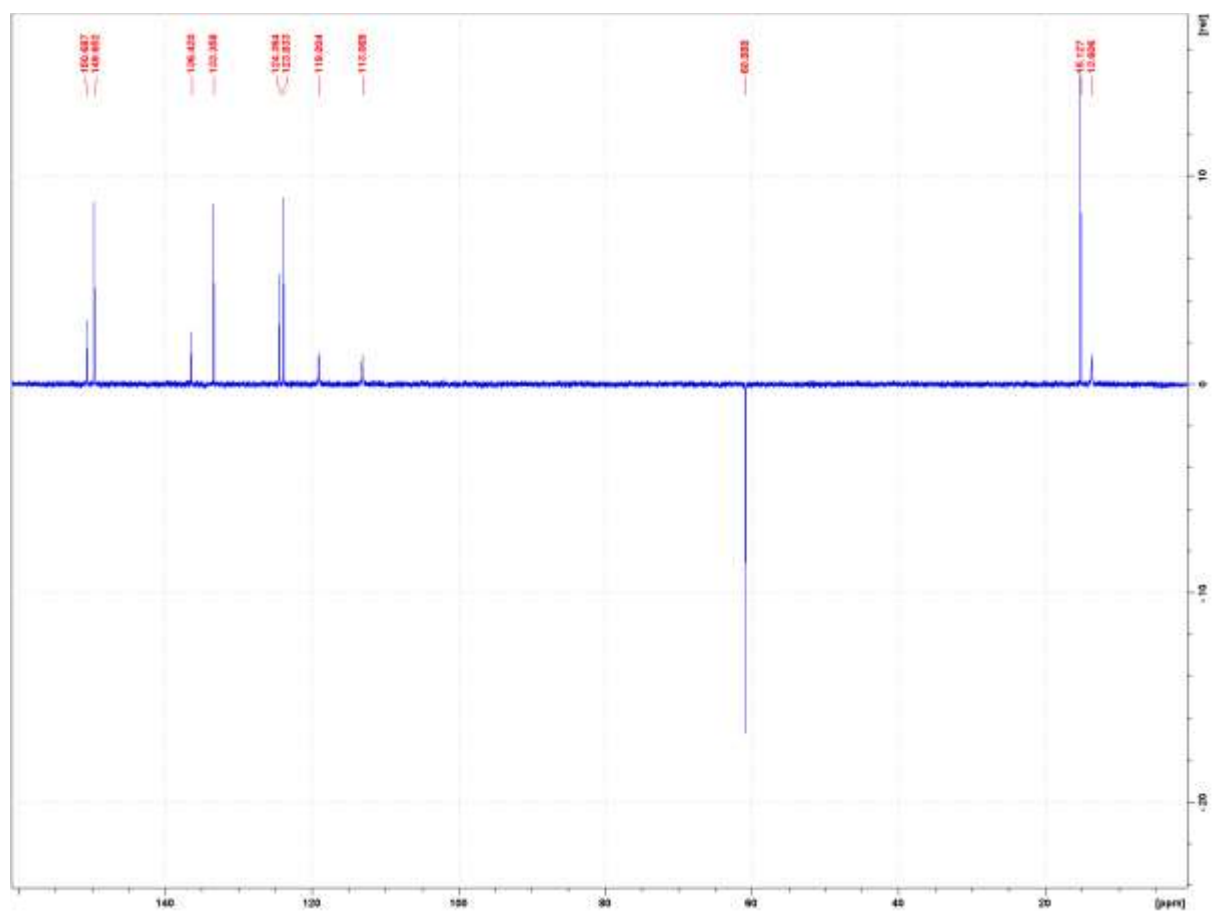


Figure S3. DEPT135 spectrum of the compound (3)

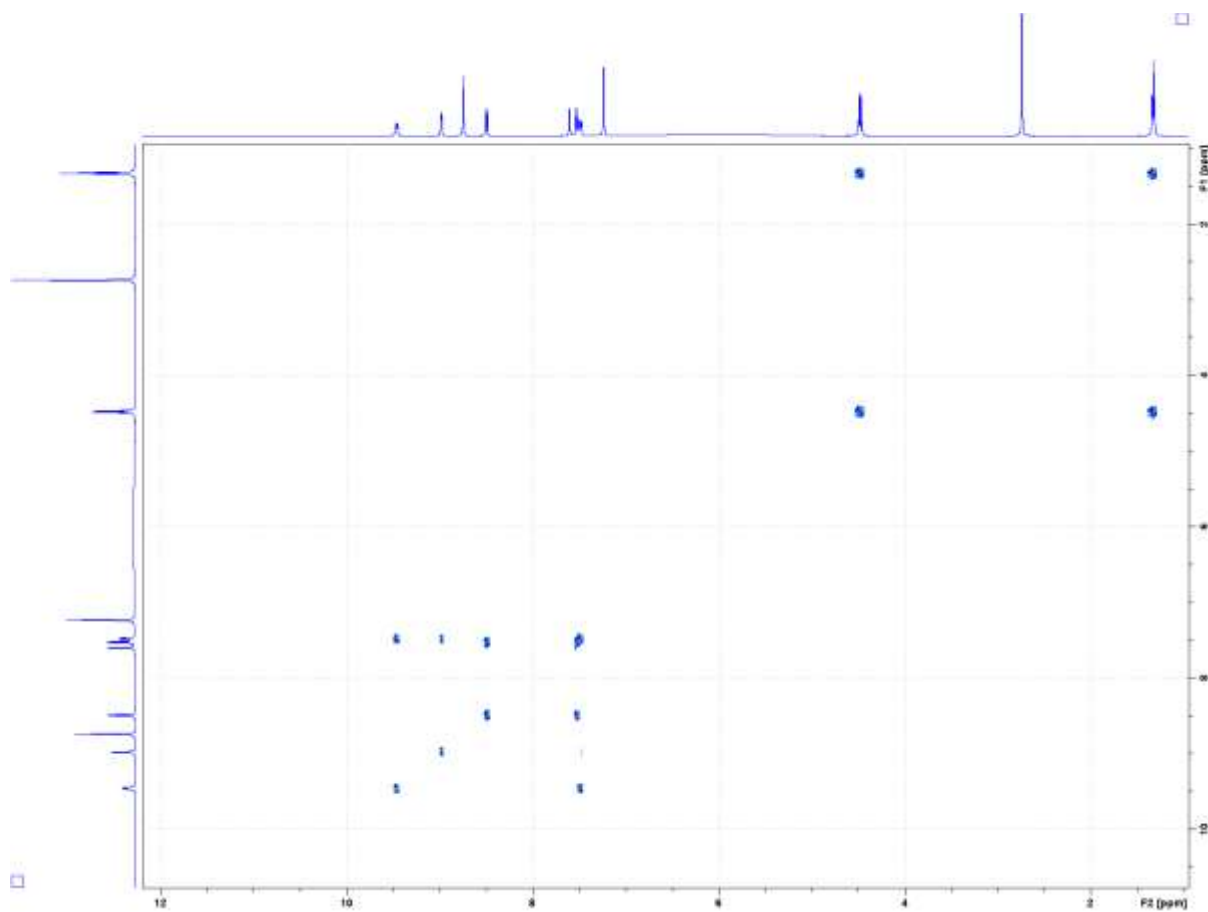


Figure S4. COSY ^1H - ^1H spectrum of the compound (3)

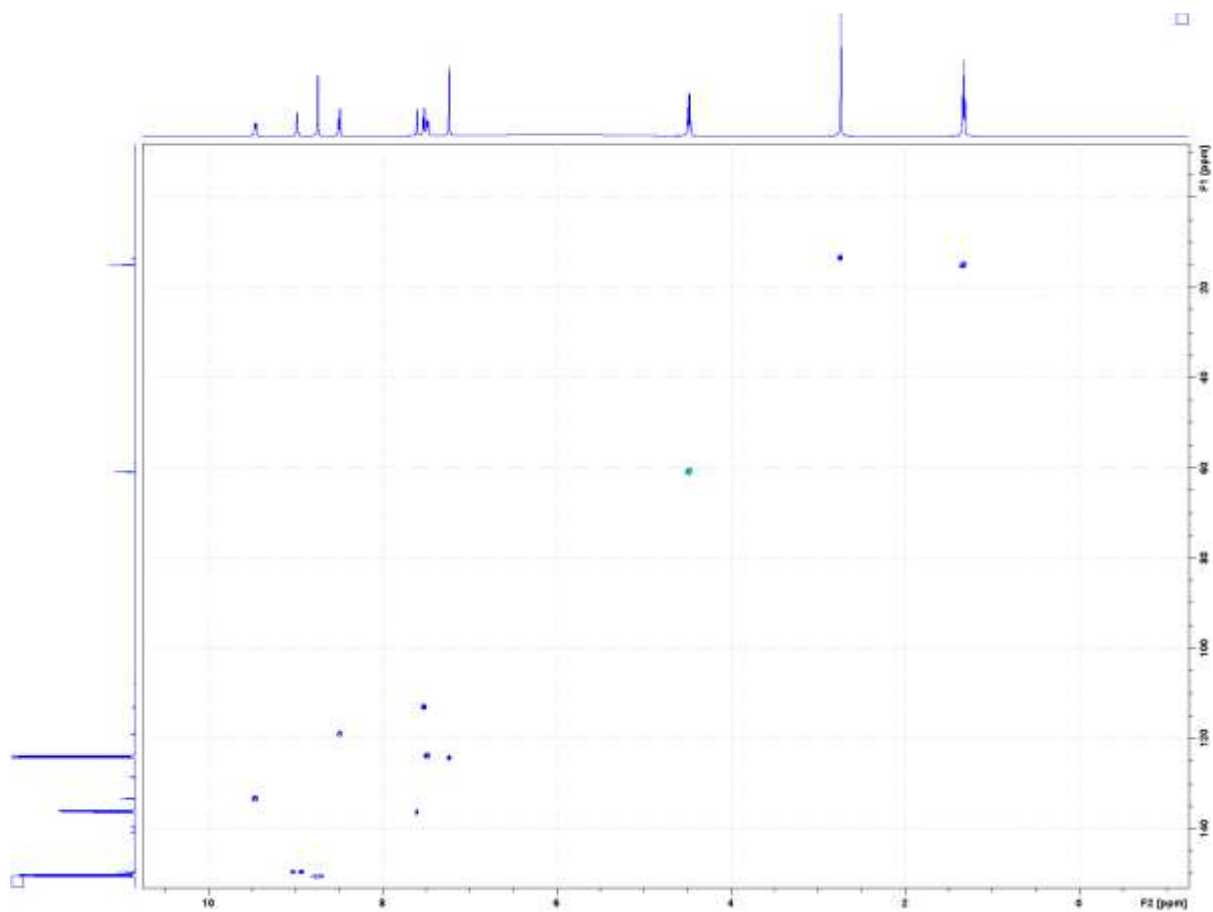


Figure S5. HSQCED ^1H - ^{13}C spectrum of the compound (3)

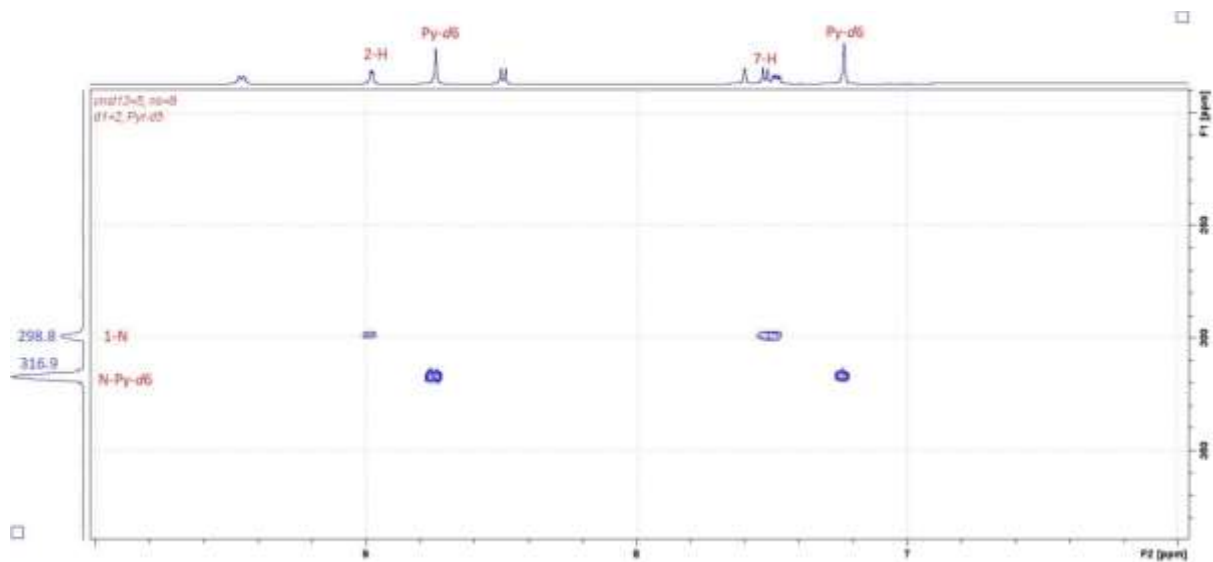


Figure S6. HMBC ^1H - ^{15}N spectrum of the compound (3)

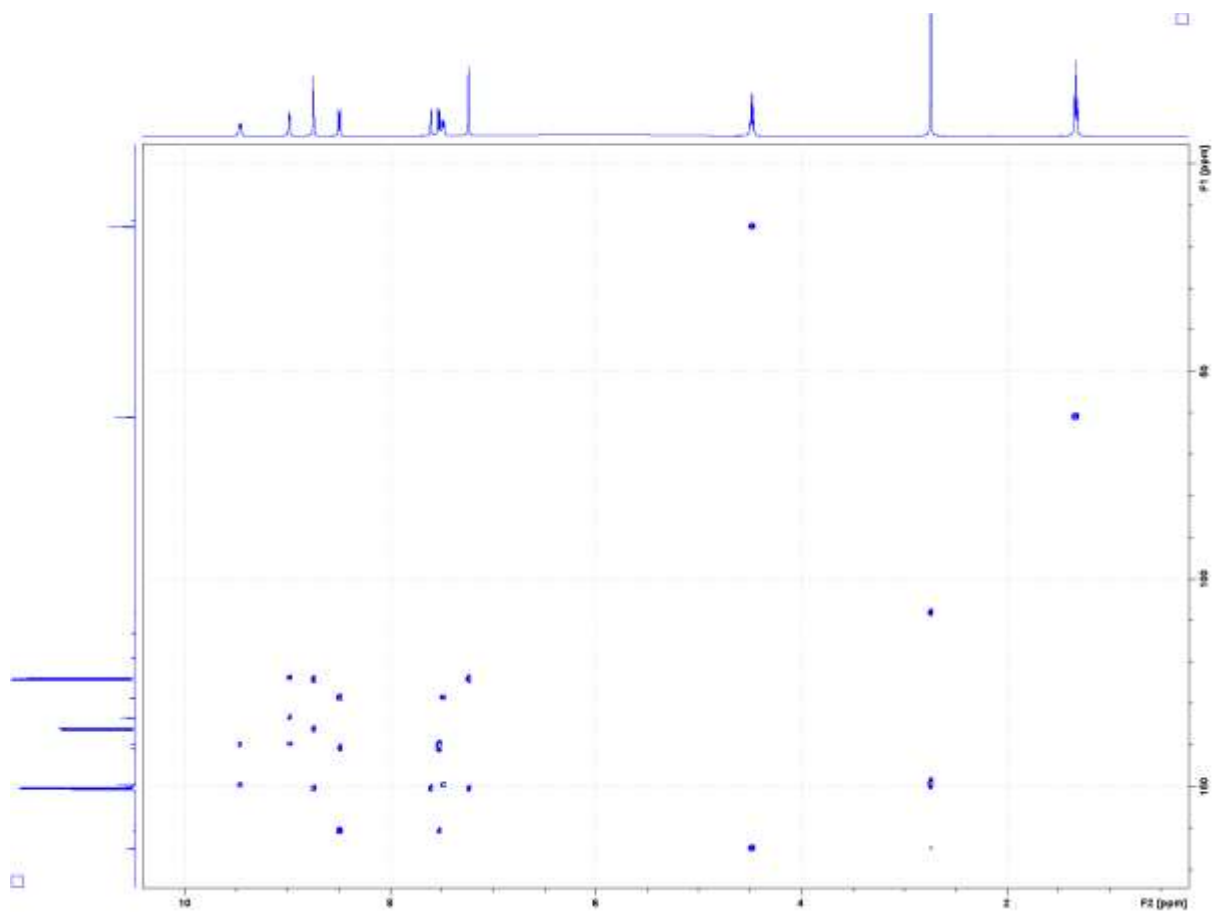


Figure S7. HMBC ^1H - ^{13}C spectrum of the compound (3)

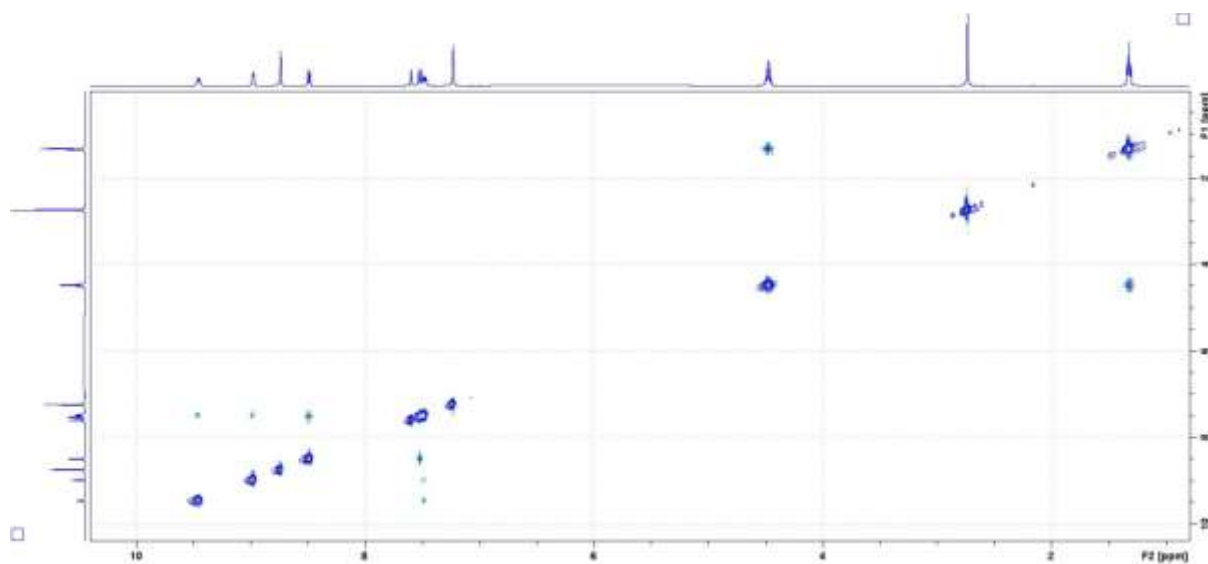


Figure S8. 2D NOESY ^1H - ^1H spectrum of the compound (3)

1D and 2D NMR spectra for compound (4)

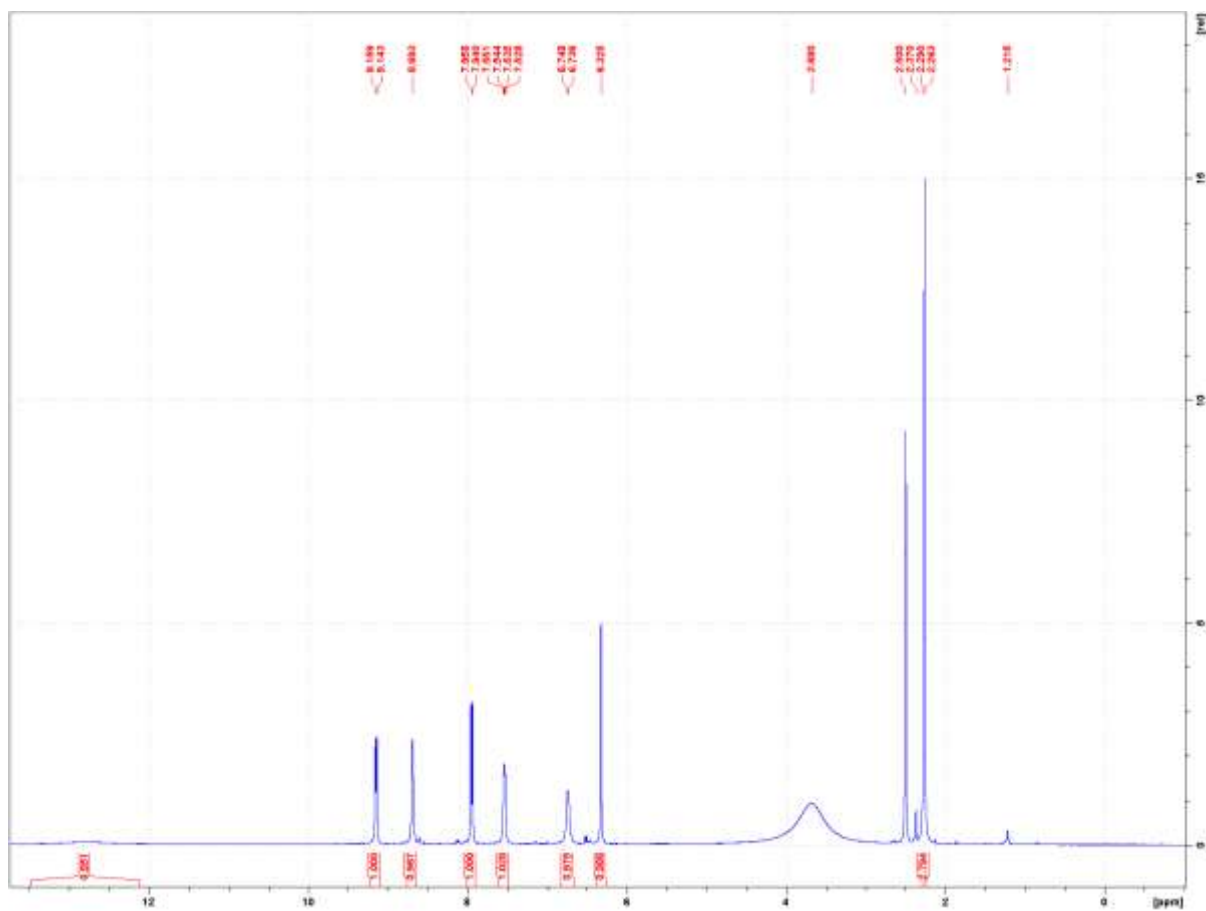


Figure S9. ¹H NMR spectrum of the compound (4)

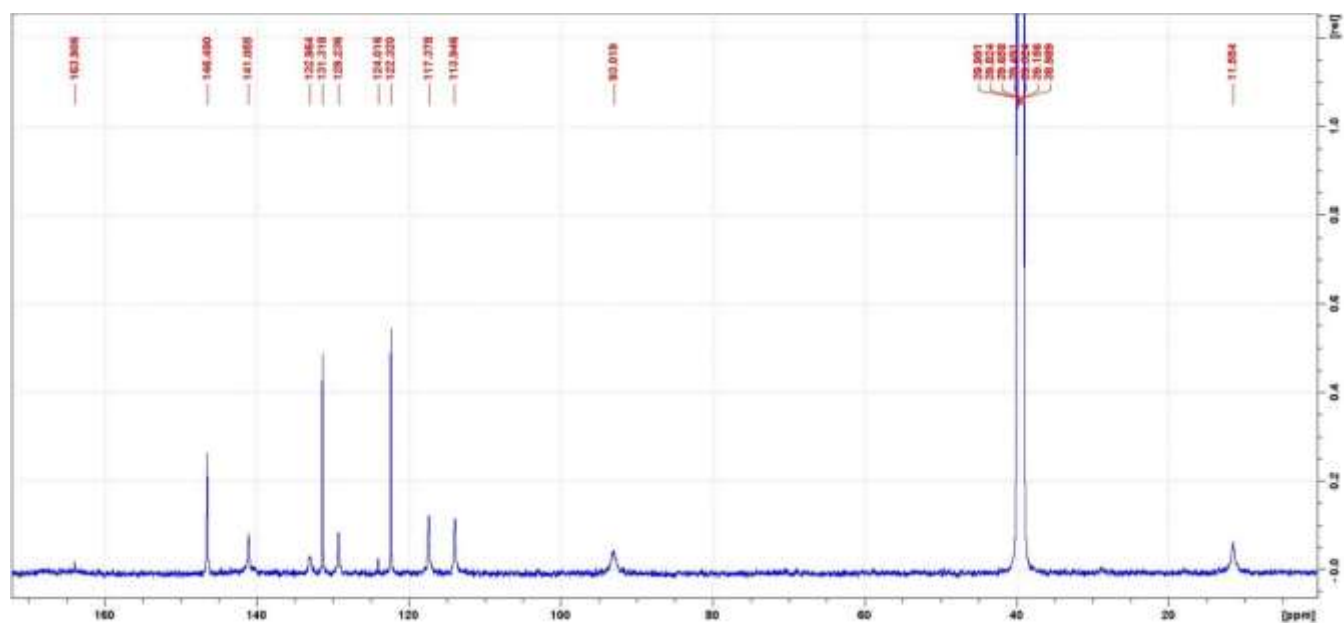


Figure S10. ^{13}C NMR spectrum of the compound (4)

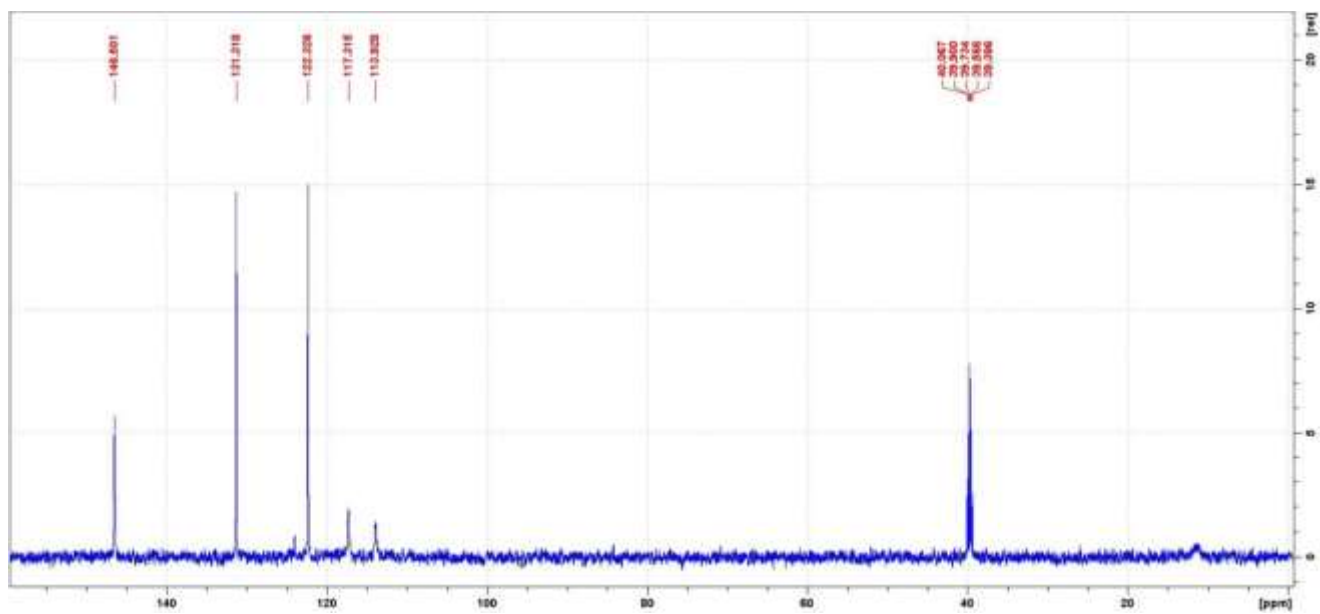


Figure S11. DEPT135 spectrum of the compound (4)

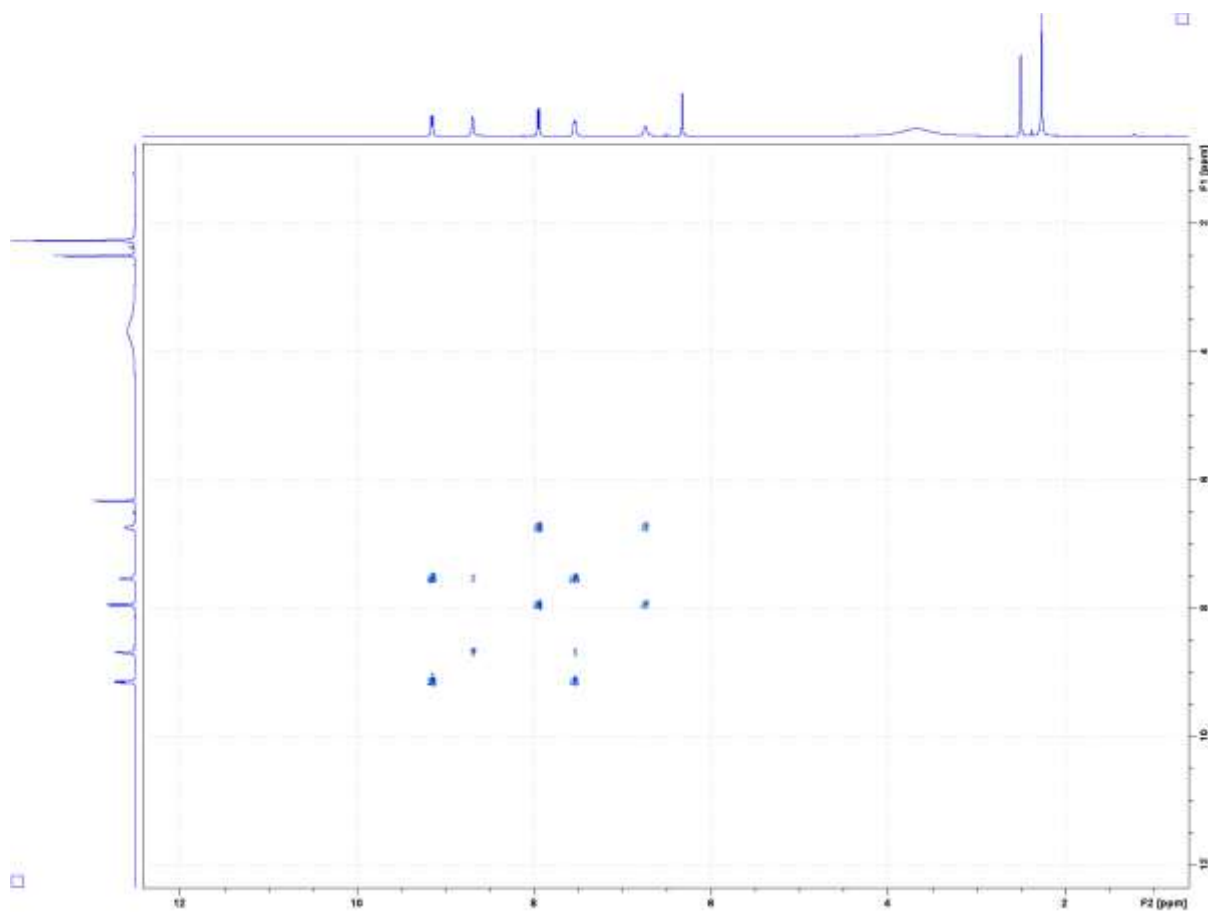


Figure S12. COSY ^1H - ^1H spectrum of the compound (4)

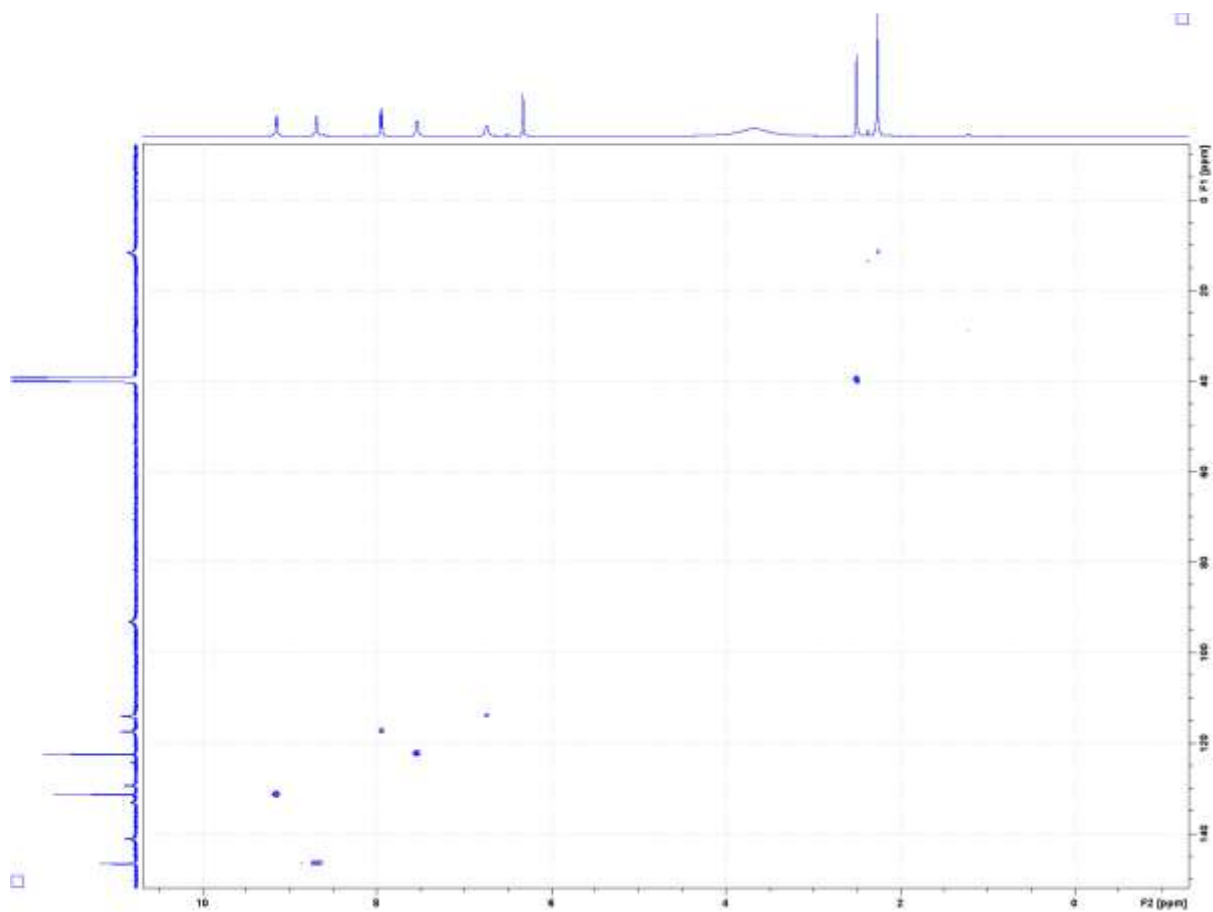


Figure S13. HSQCED ^1H - ^{13}C spectrum of the compound (4)

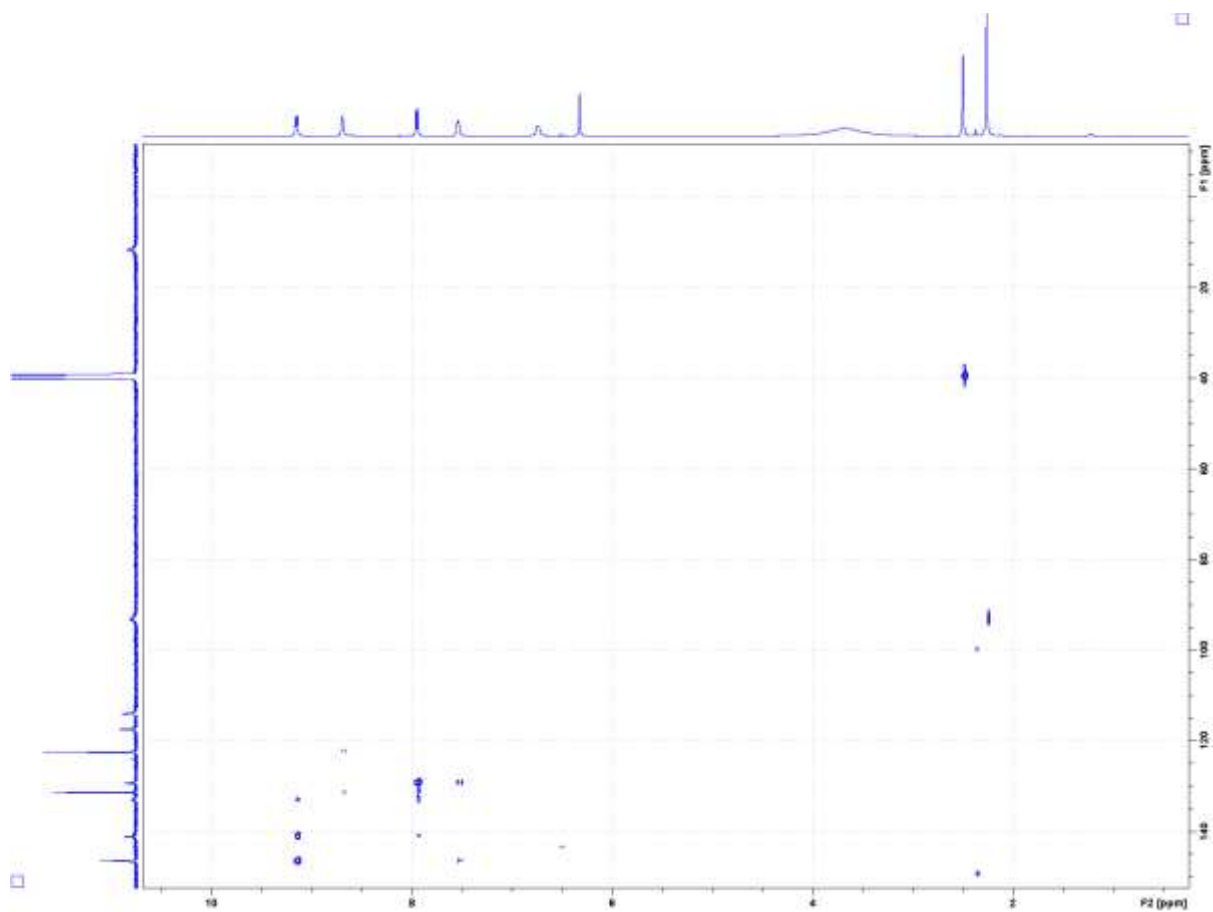


Figure S14. HMBC ^1H - ^{13}C spectrum of the compound (4)

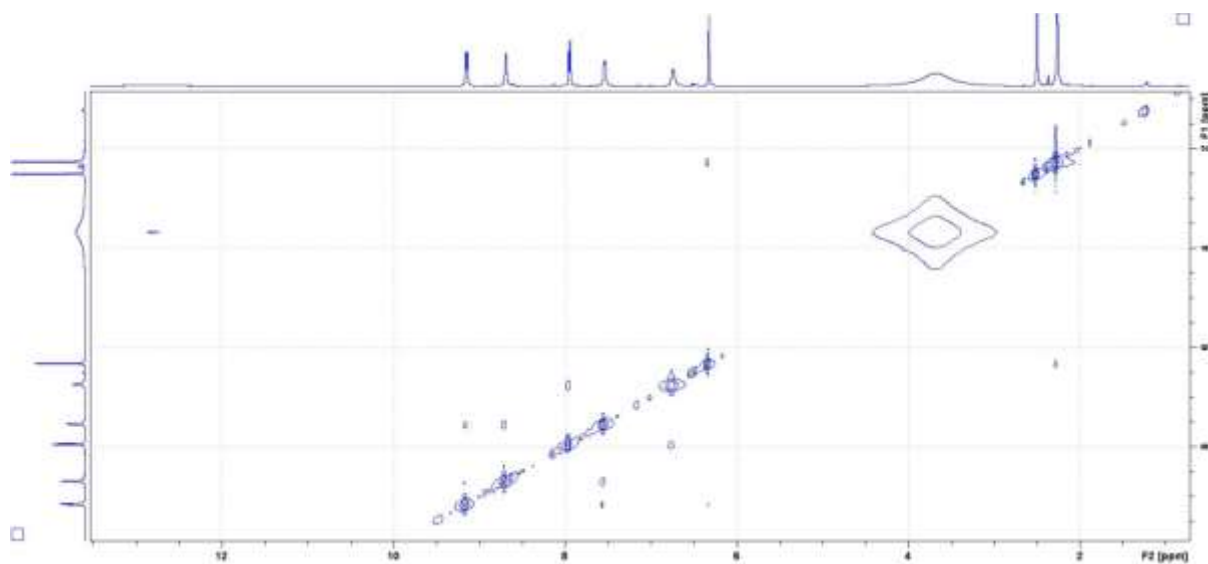


Figure S15. 2D NOESY ^1H - ^1H spectrum of the compound (4)

IR spectrum for compound (3)

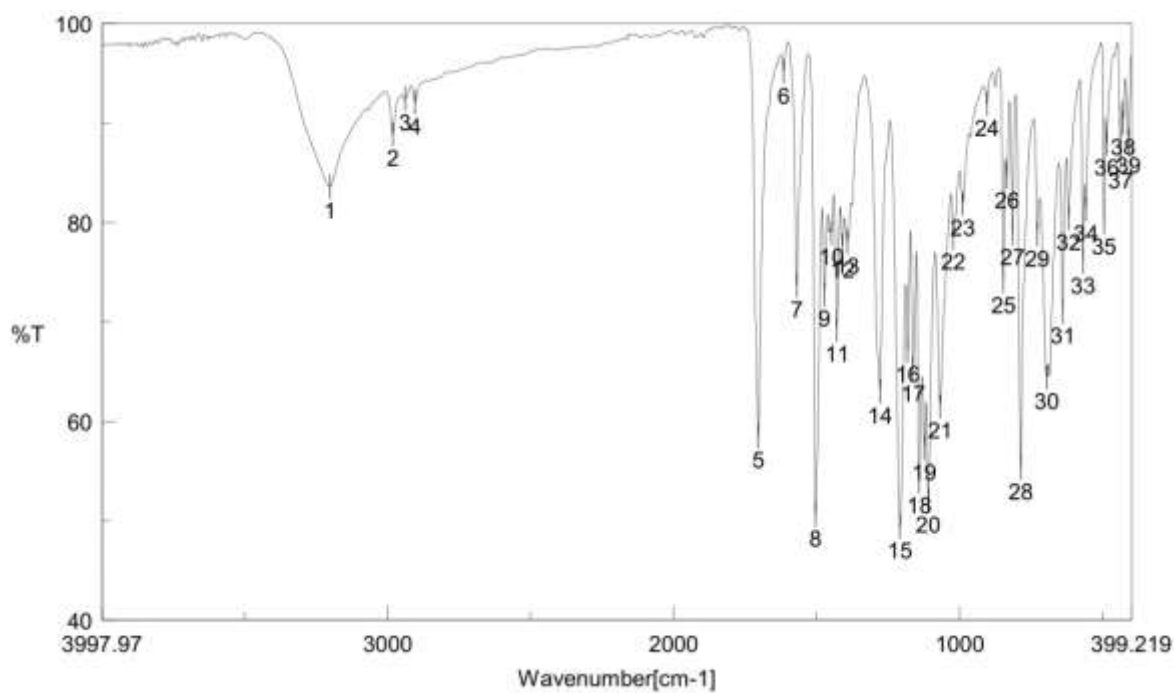


Figure S16. FT-IR spectrum of the compound (3)

IR spectrum for compound (4)

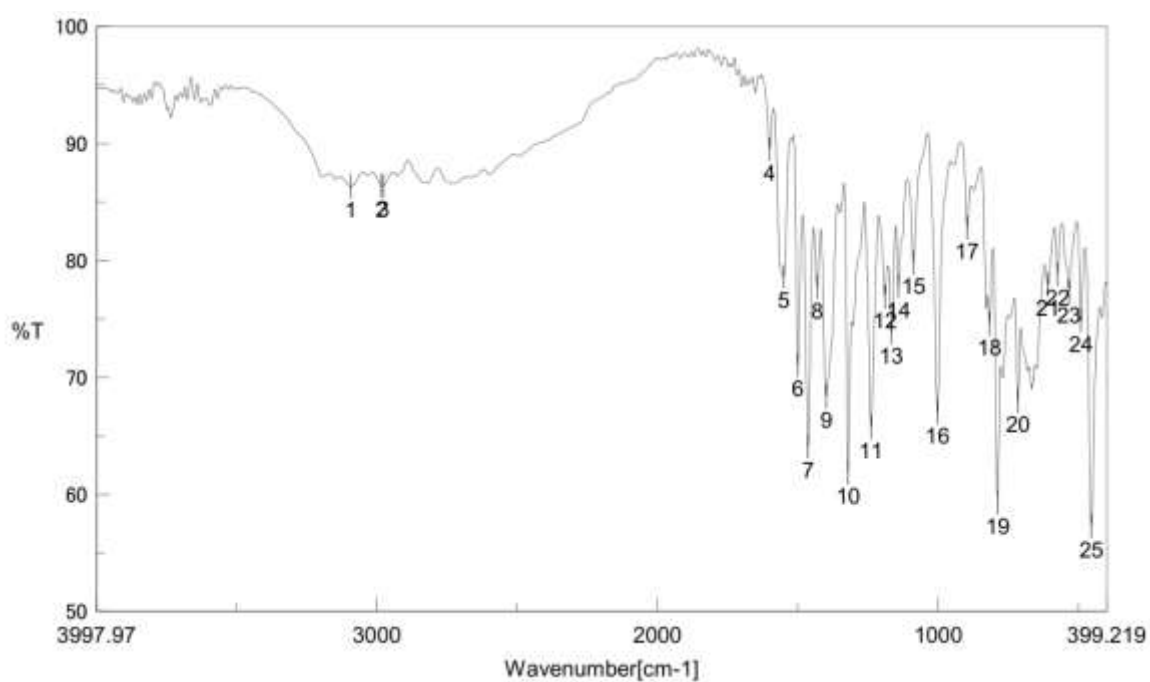


Figure S17. FT-IR spectrum of the compound (4)

UV-Vis spectrum for compound (3)

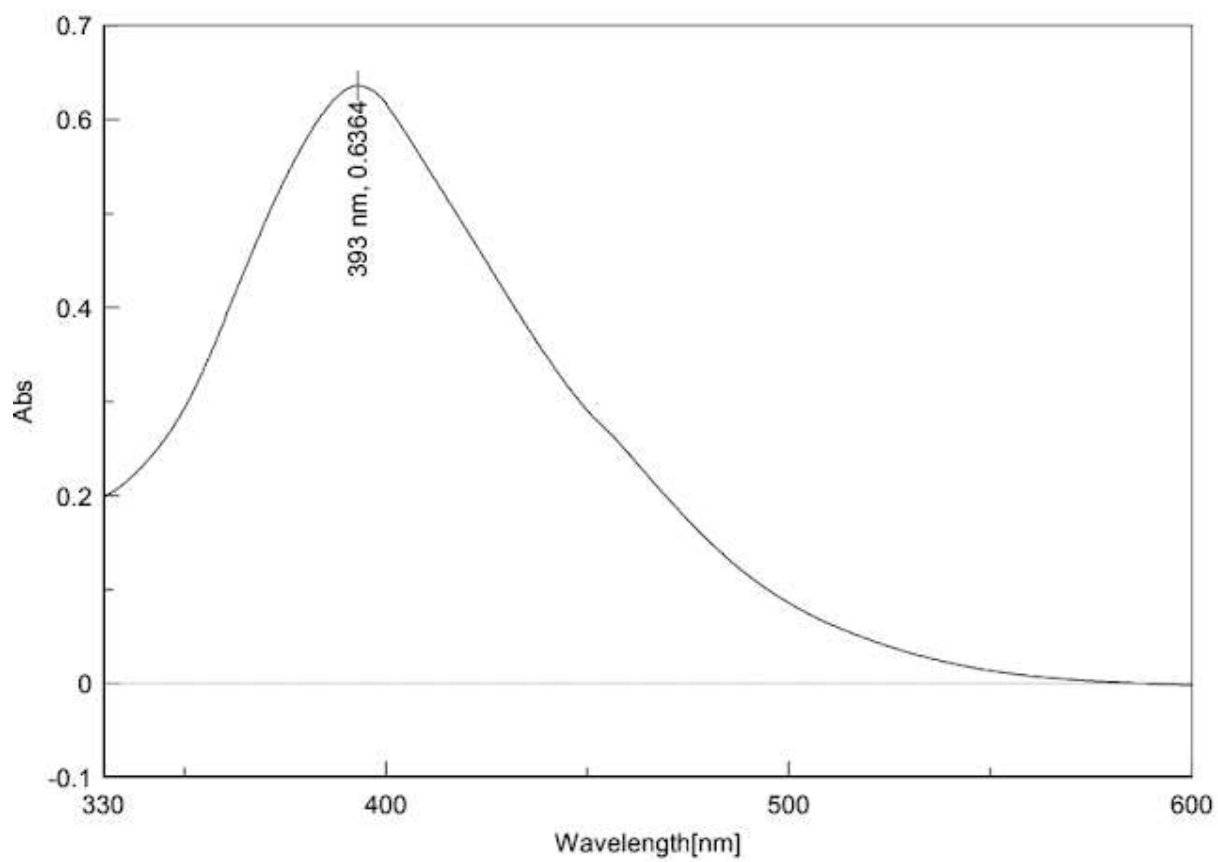


Figure S18. UV-Vis spectrum of the compound (3)

UV-Vis spectrum for compound (4)

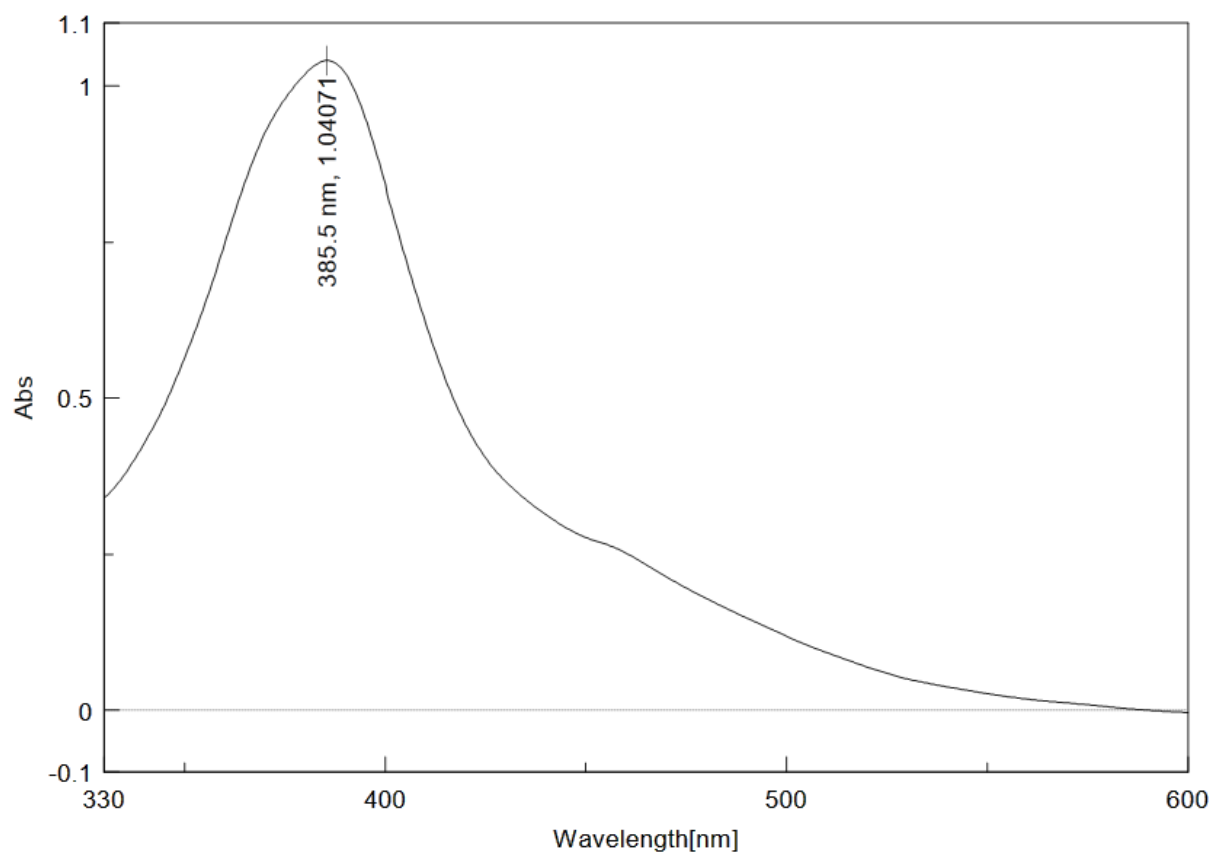


Figure S19. UV-Vis spectrum of the compound (4)

HRMS spectrum for compound (3)

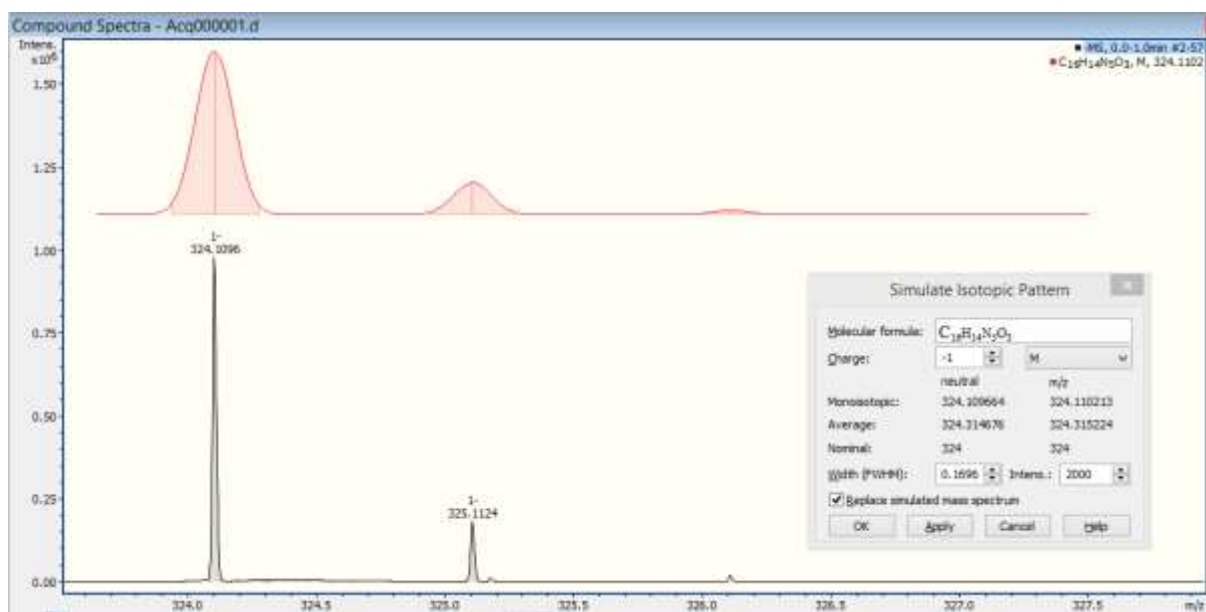


Figure S20. HRMS spectrum of the compound (3)

HRMS spectrum for compound (4)

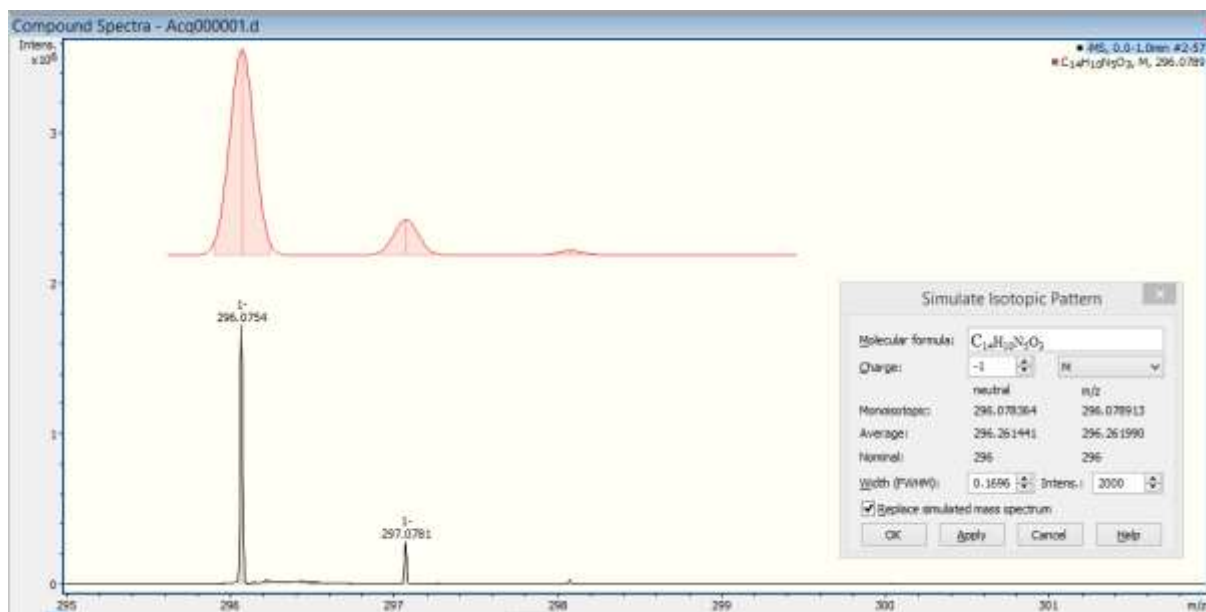


Figure S21. HRMS spectrum of the compound (4)