Supplementary Materials

The ^{1}H-NMR, IR and MS Spectra of Compounds **7aa**–**bk**

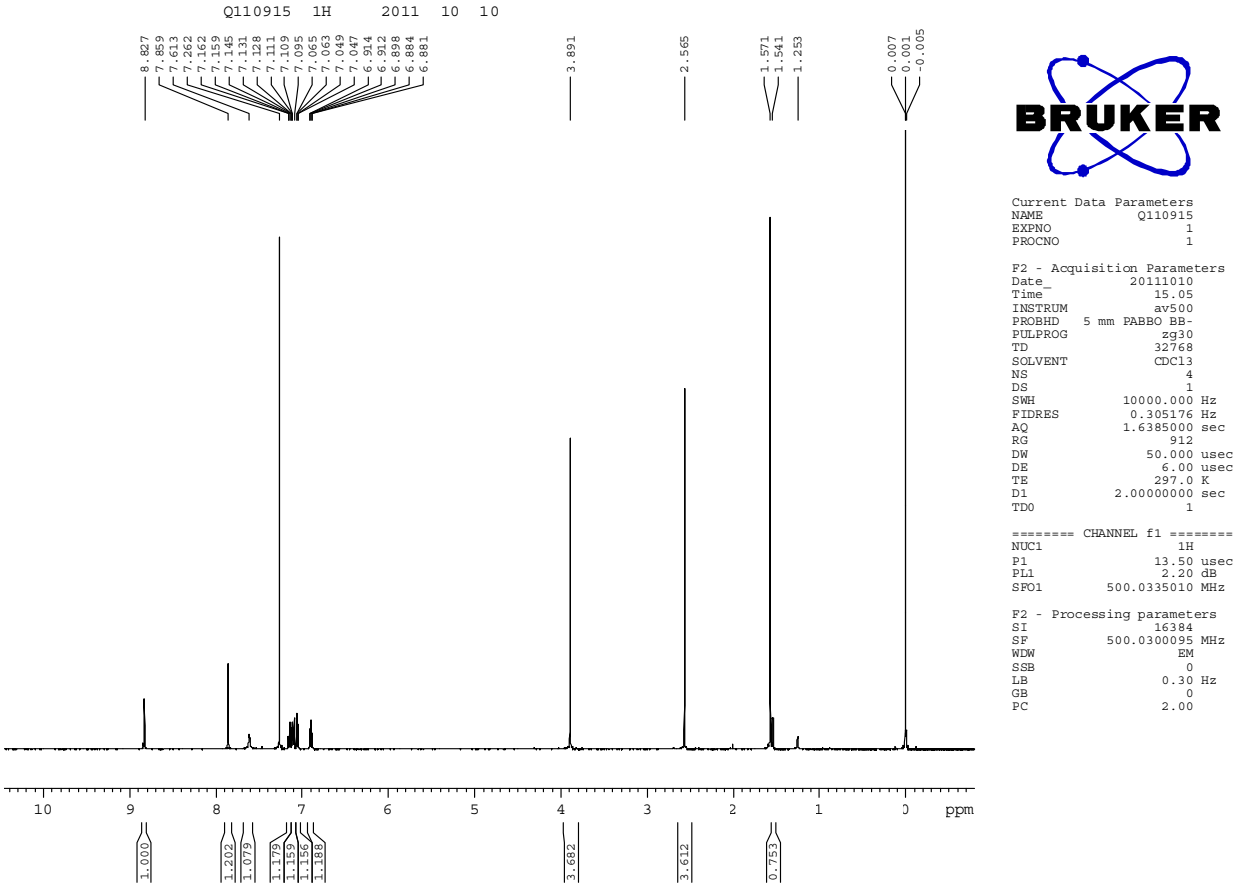


Figure S1. The ^{1}H-NMR ($CDCl_3$, 500 MHz) spectra of compound **7aa**.

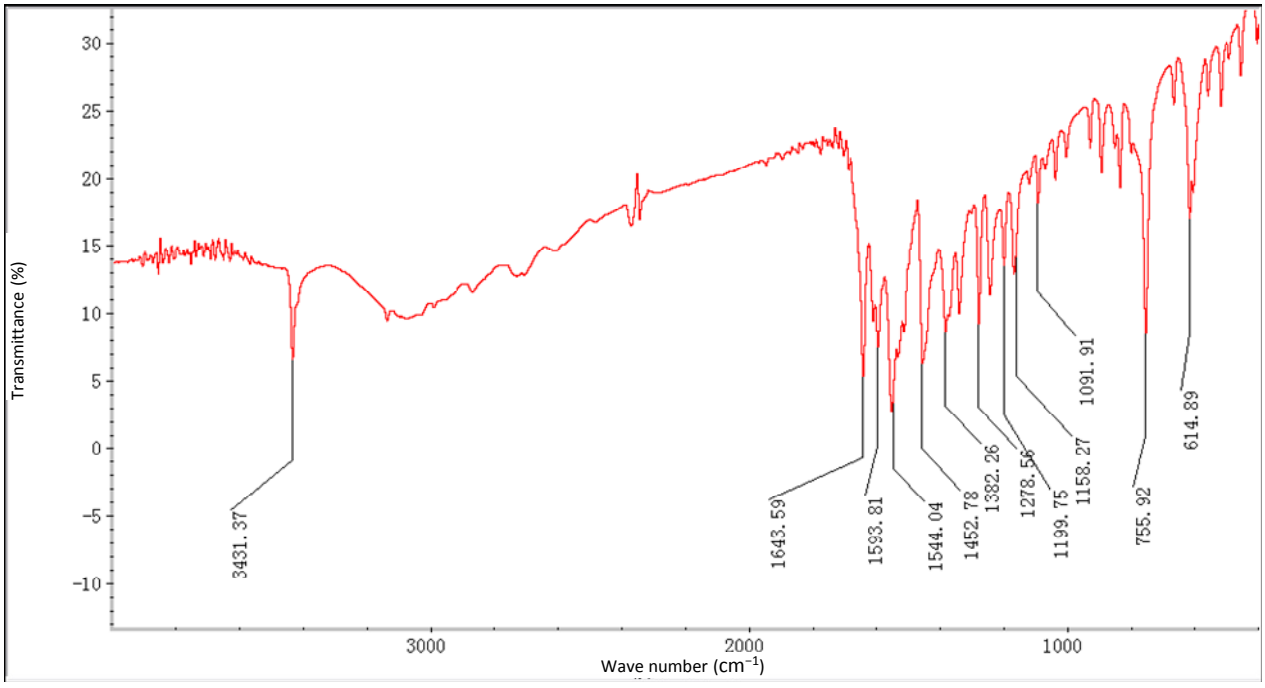


Figure S2. The IR spectra of compound **7aa**.

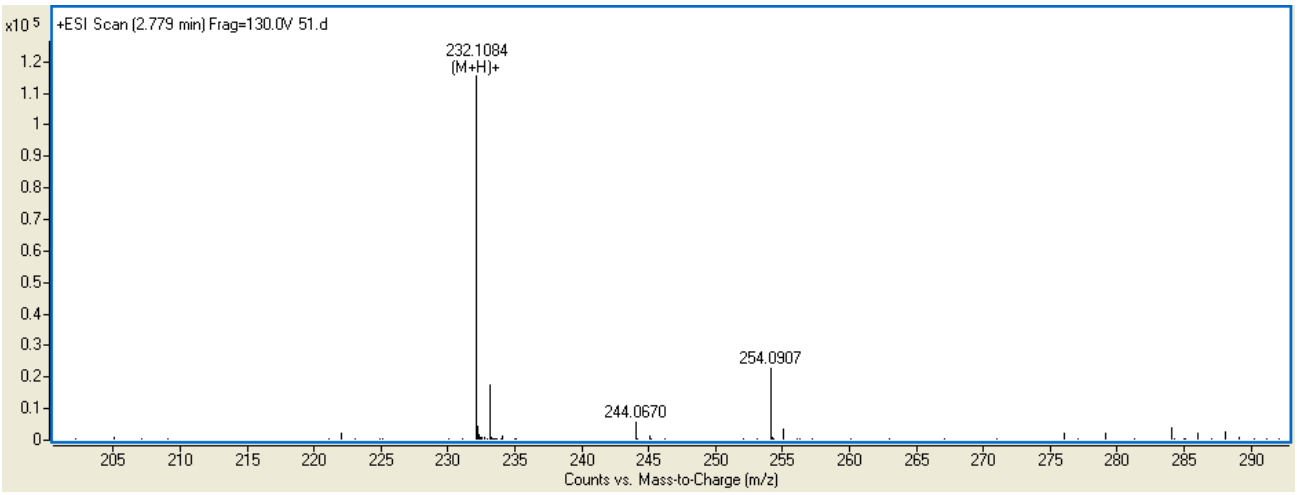


Figure S3. The HR-ESI-MS of compound **7aa**.

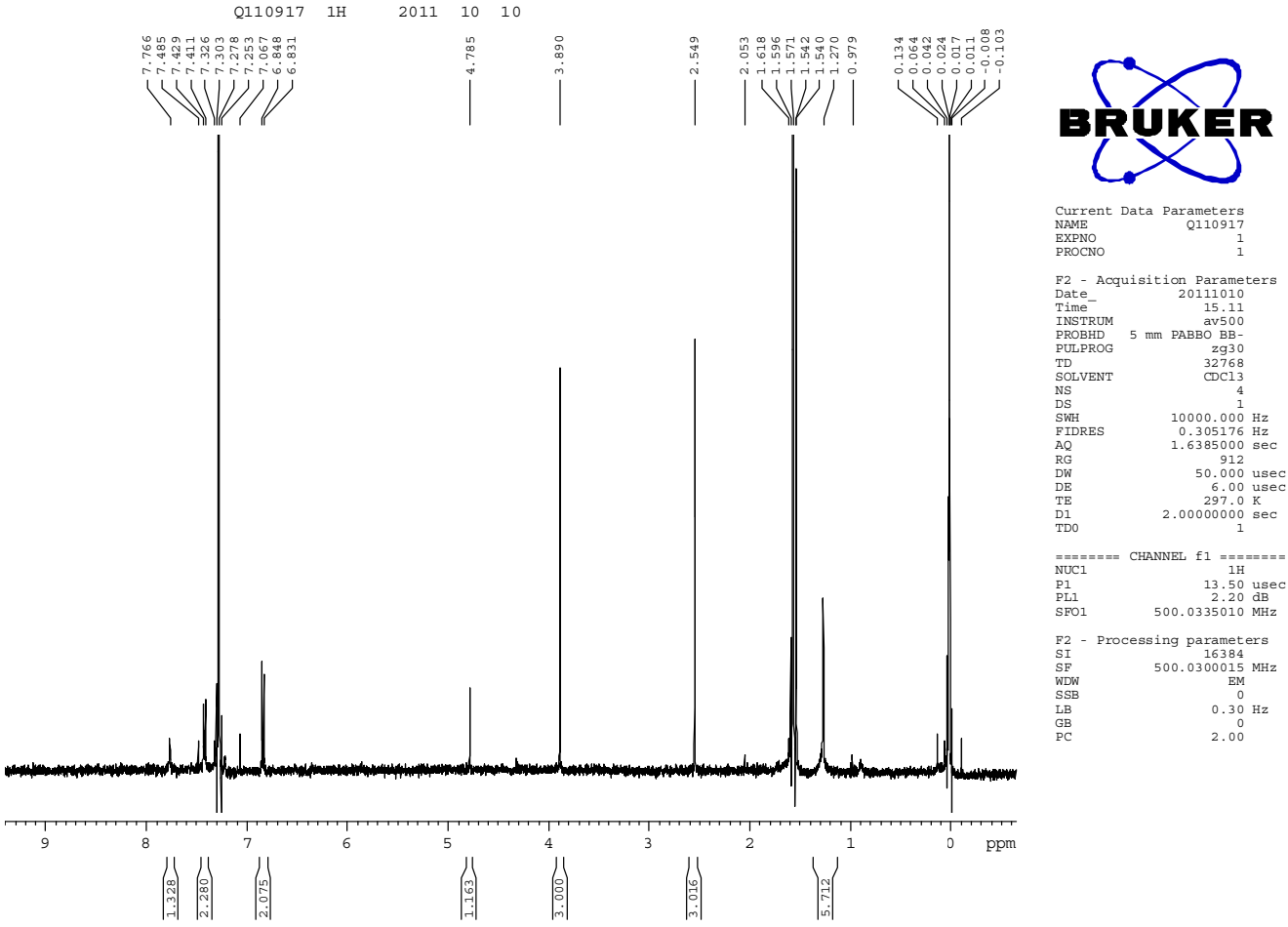


Figure S4. The ^{1}H-NMR ($CDCl_3$, 500 MHz) spectra of compound **7ab**.

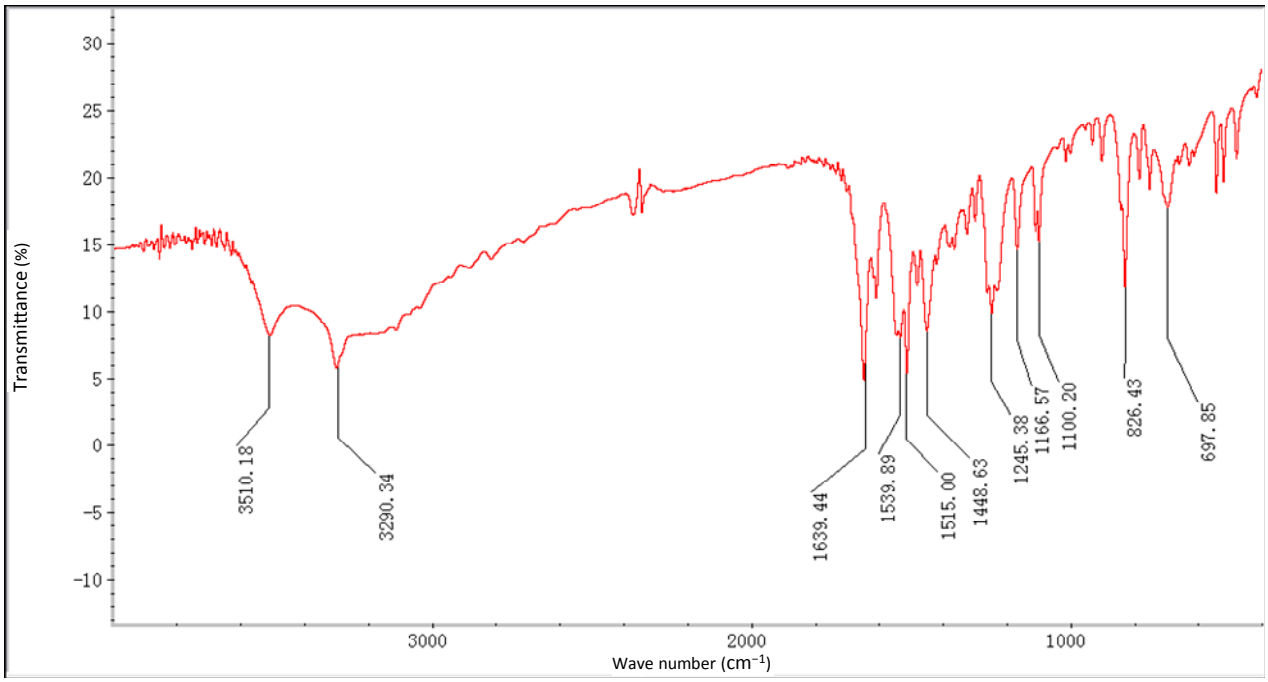


Figure S5. The IR spectra of compound **7ab**.

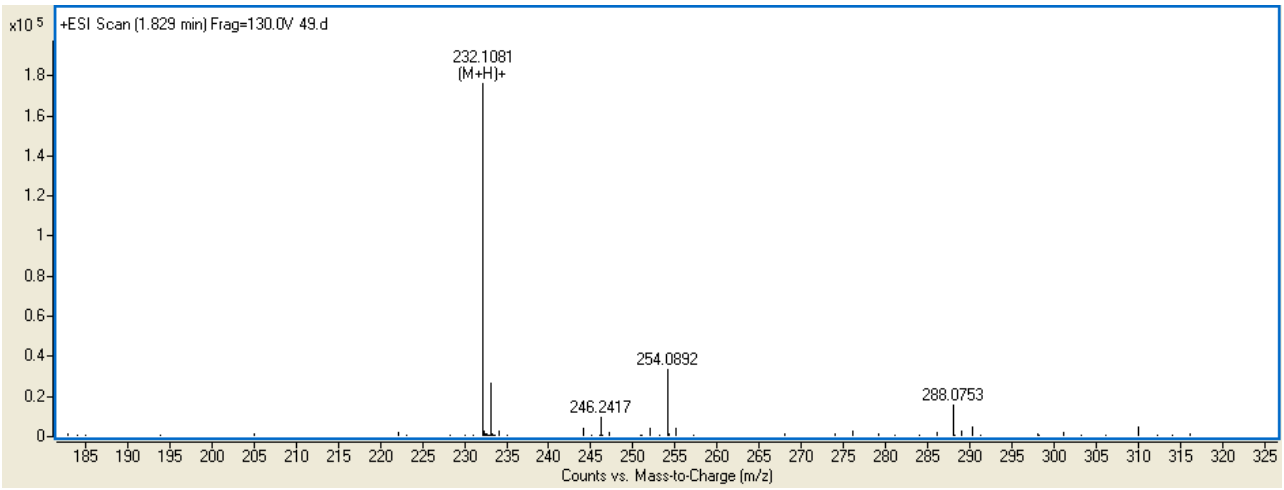


Figure S6. The HR-ESI-MS of compound **7ab**.

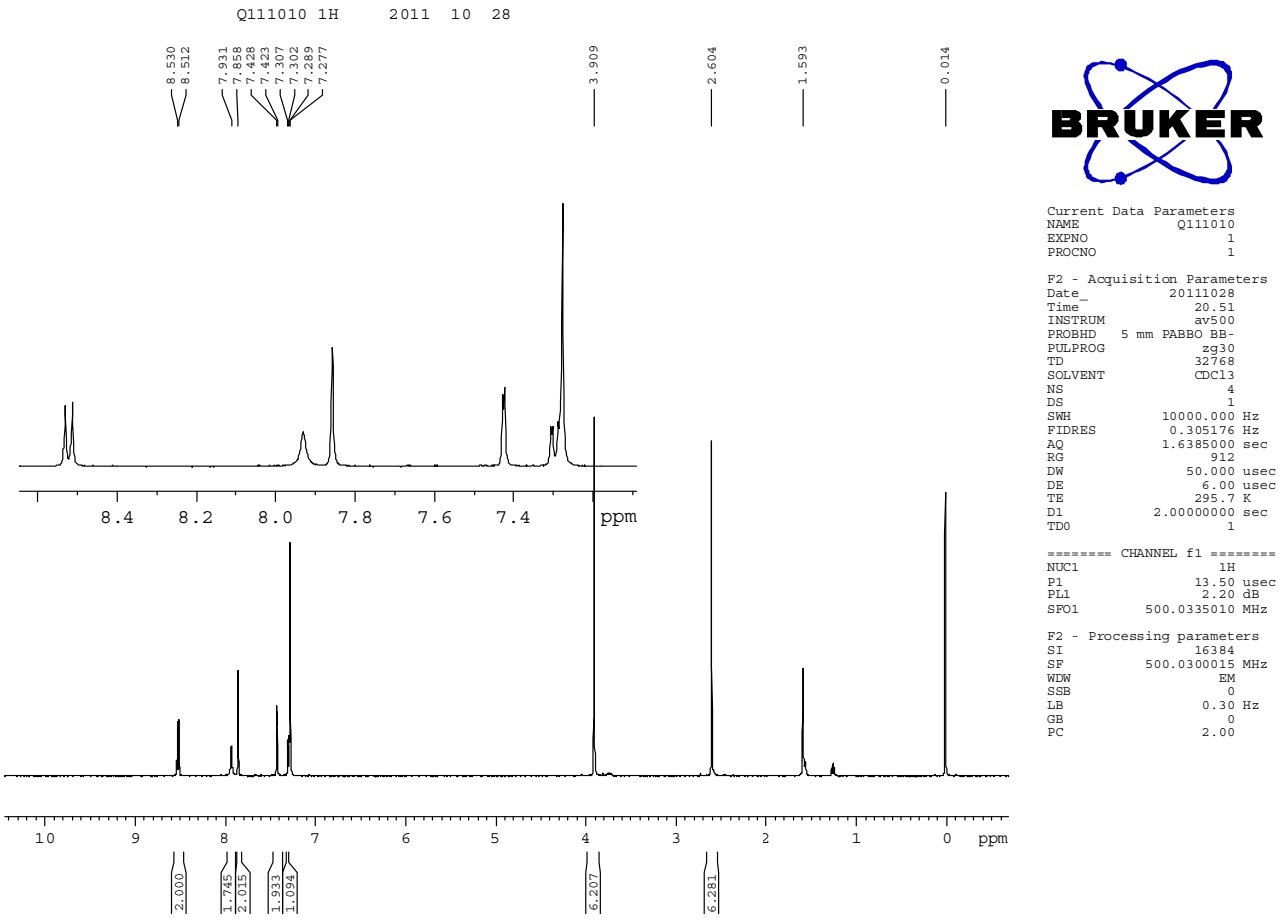


Figure S7. The ^{1}H-NMR ($CDCl_3$, 500 MHz) spectra of compound **7ac**.

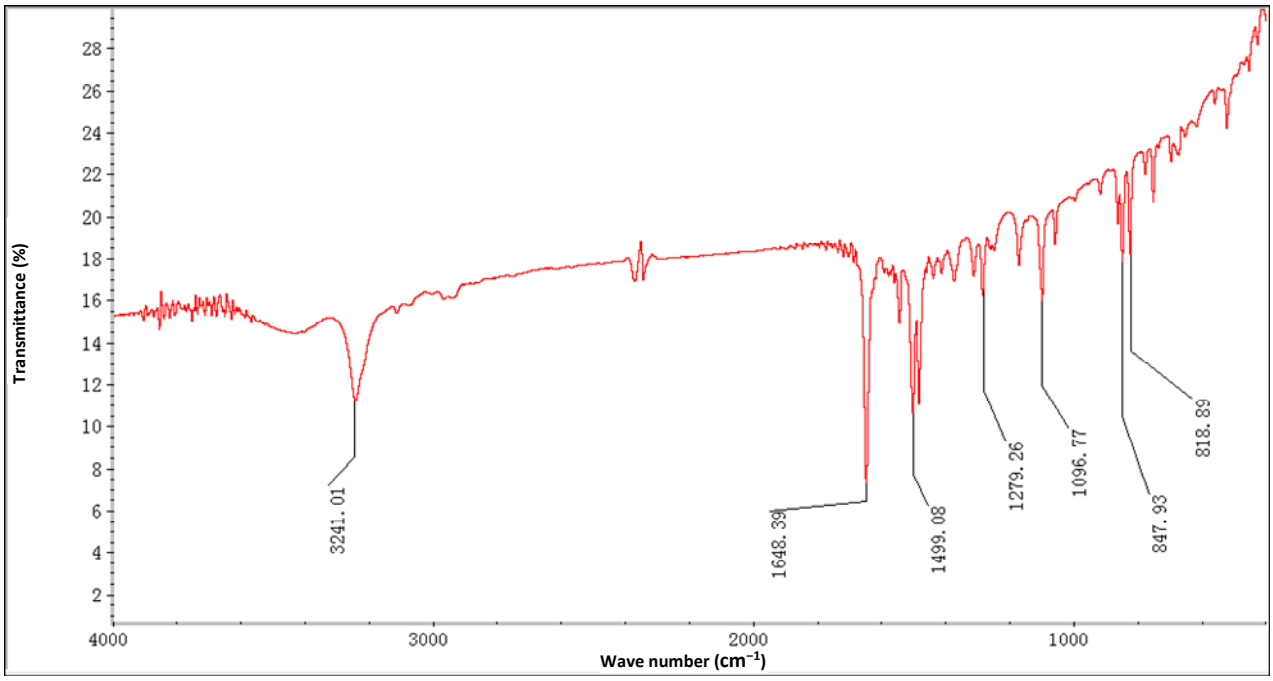


Figure S8. The IR spectra of compound **7ac**.

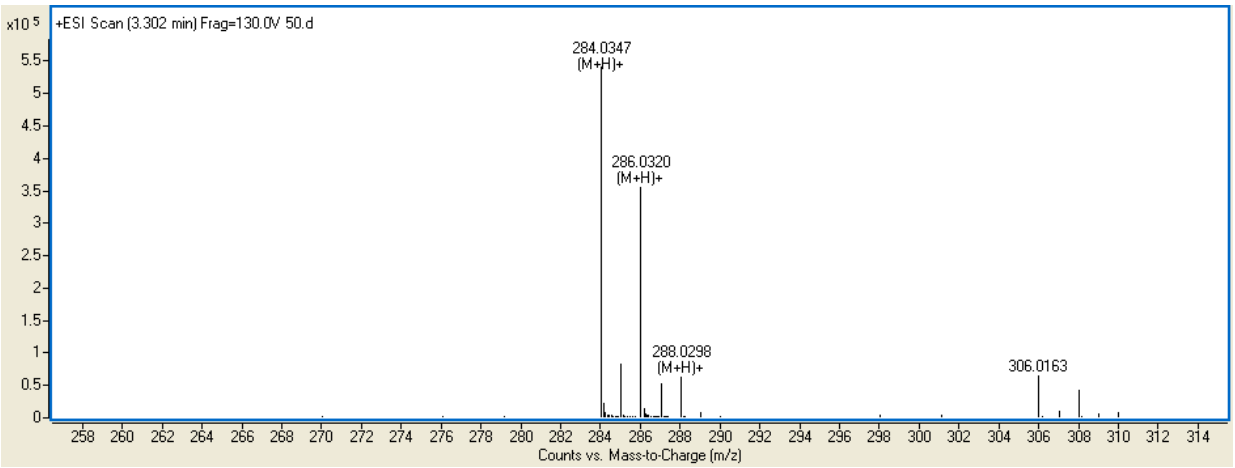


Figure S9. The HR-ESI-MS of compound **7ac**.

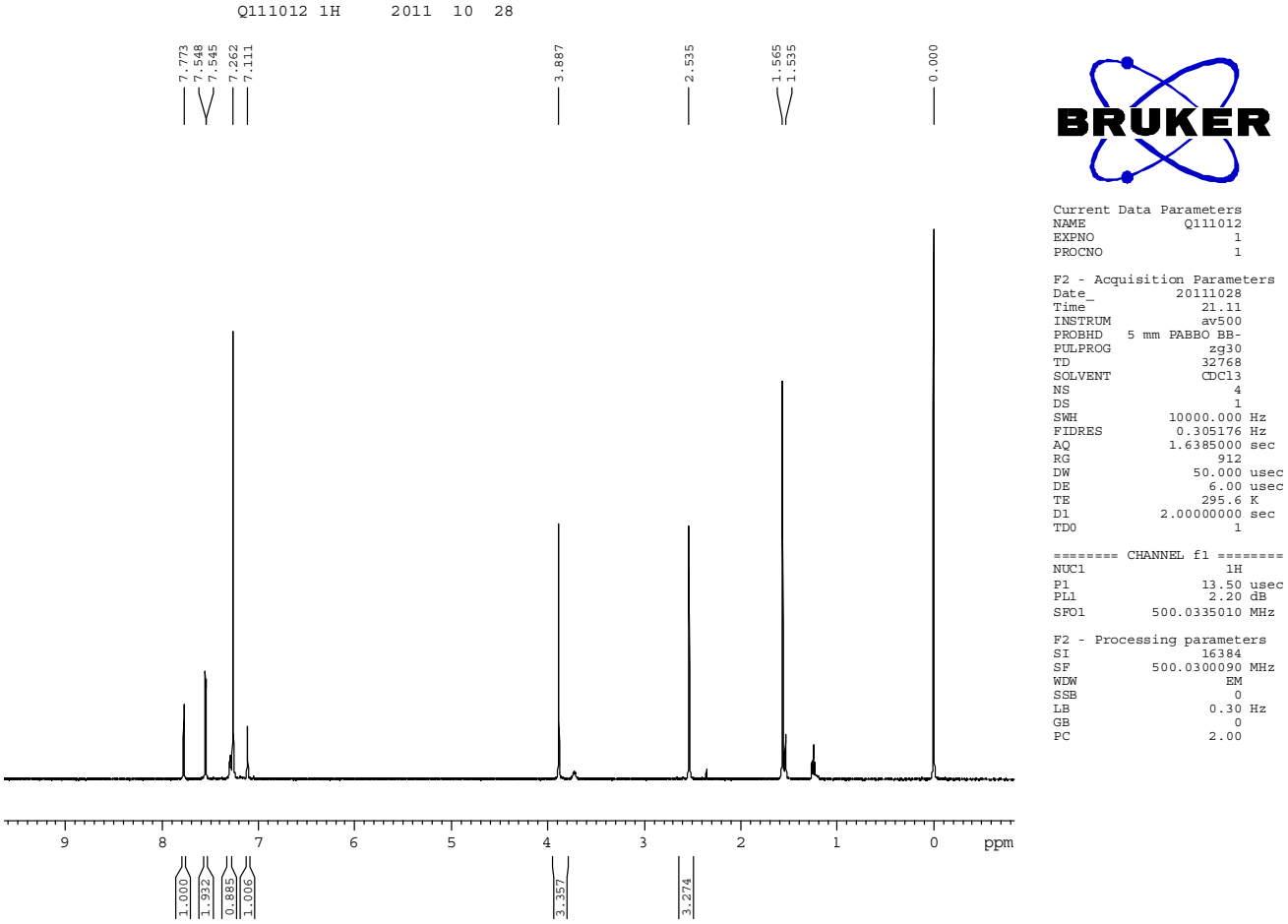


Figure S10. The ^{1}H-NMR ($CDCl_3$, 500 MHz) spectra of compound **7ad**.

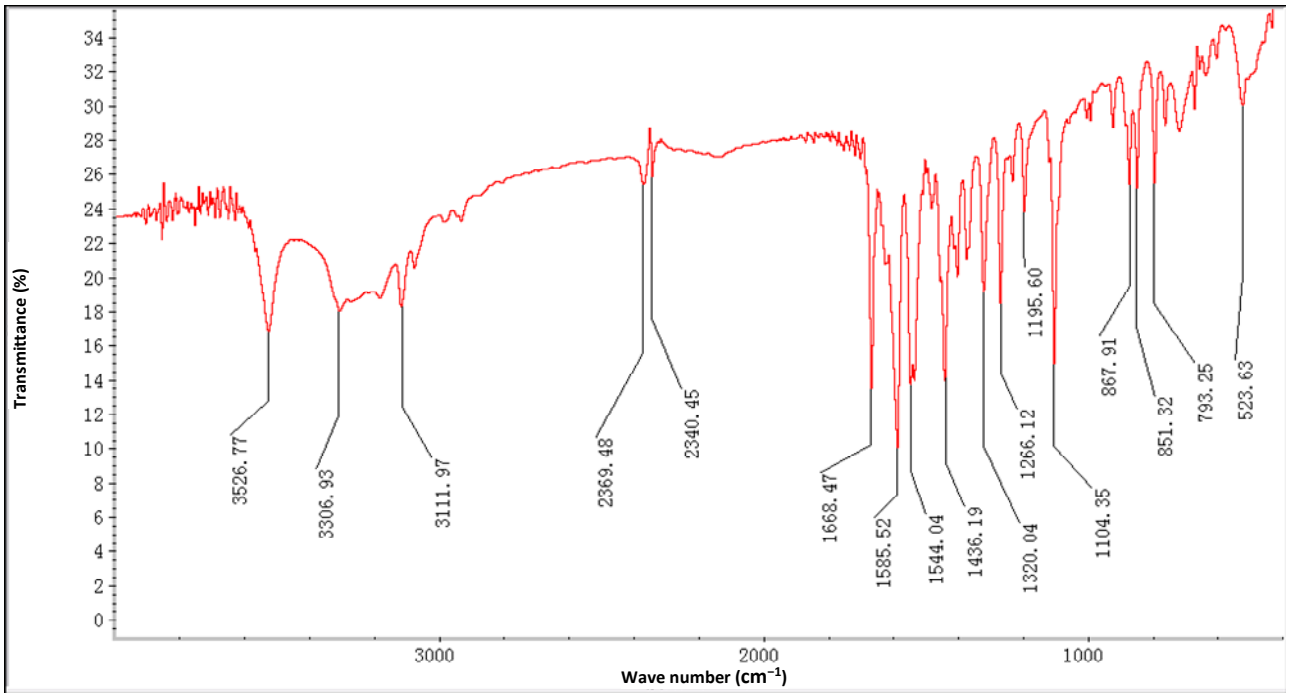


Figure S11. The IR spectra of compound **7ad**.

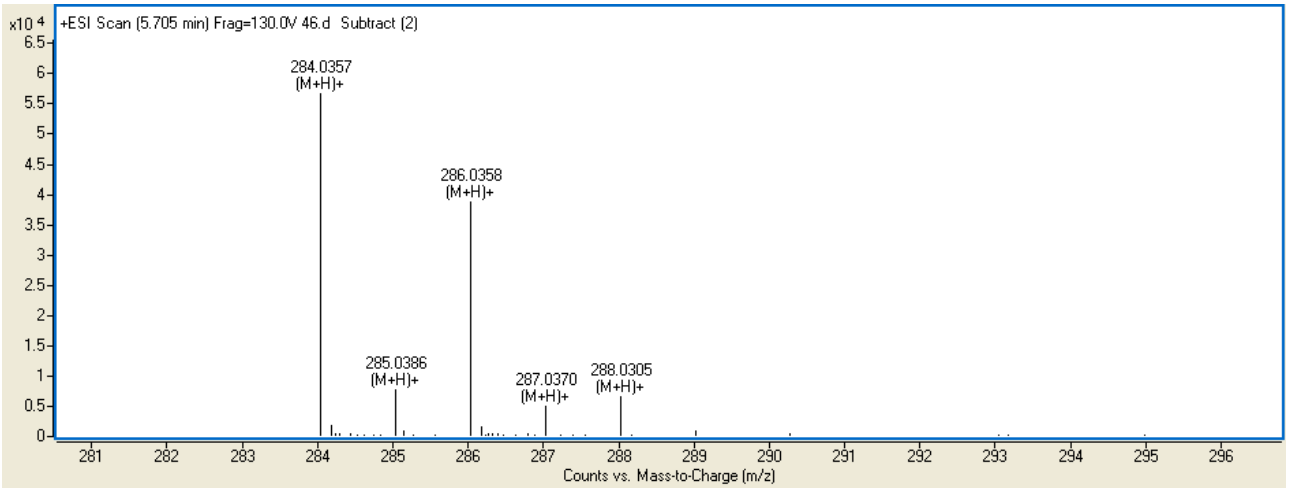


Figure S12. The HR-ESI-MS of compound **7ad**.

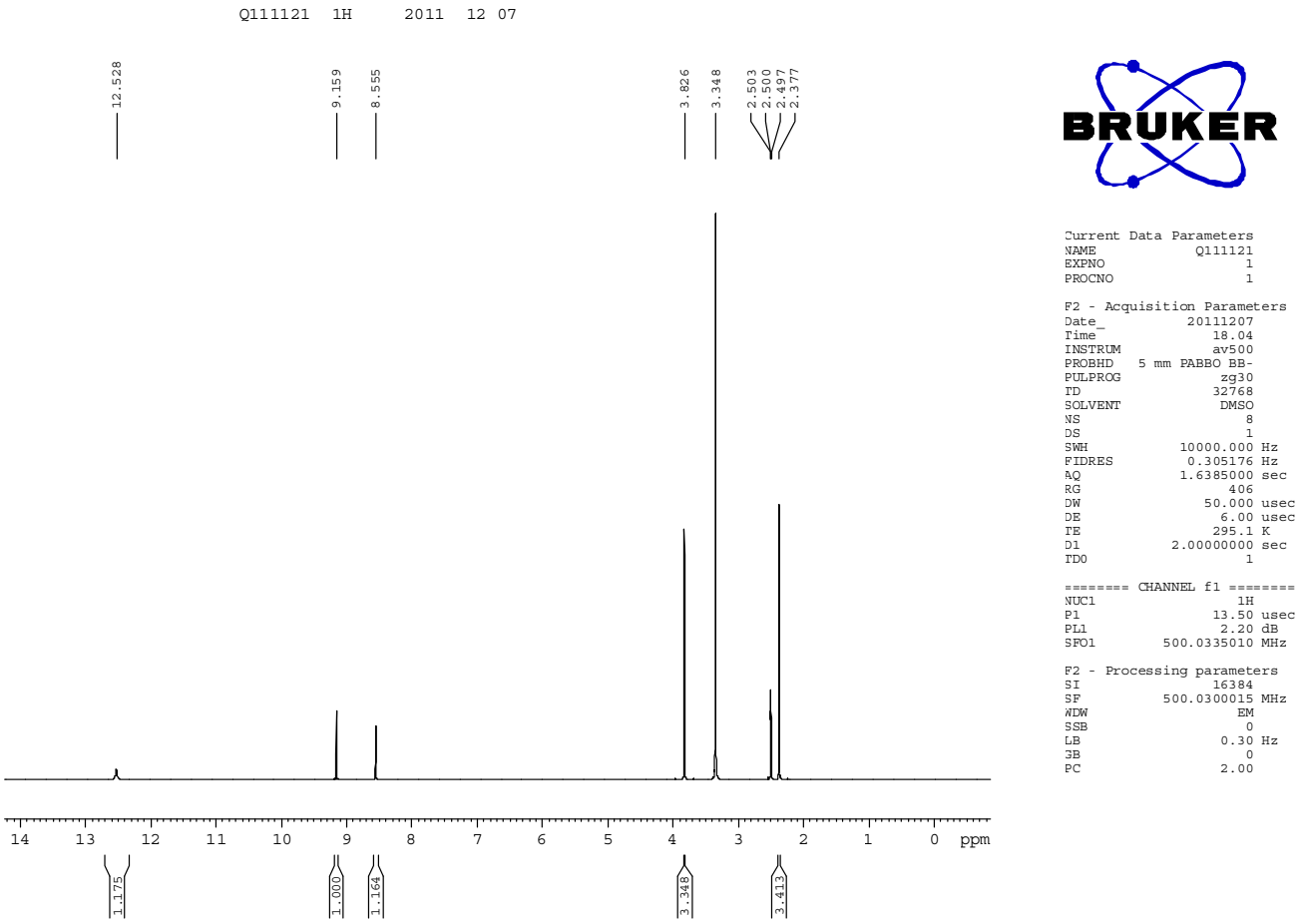


Figure S13. The ^{1}H-NMR (DMSO-d_6, 500 MHz) spectra of compound **7ae**.

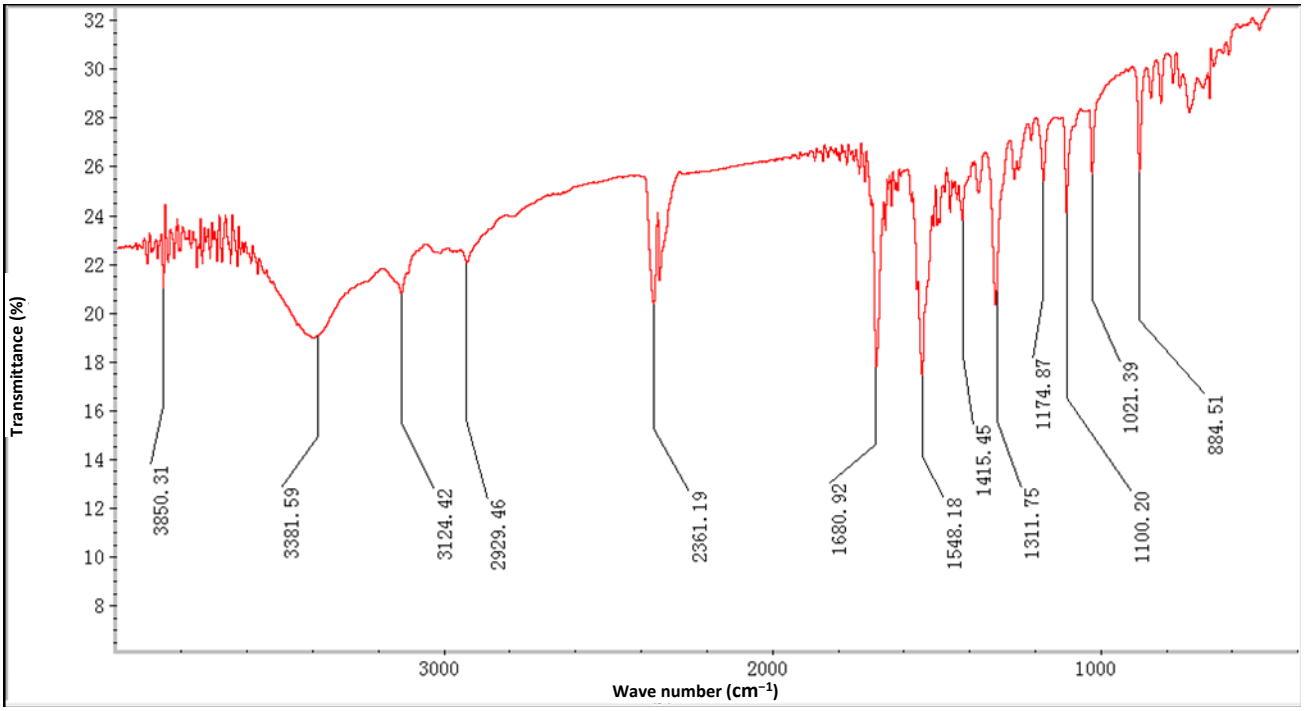


Figure S14. The IR spectra of compound **7ae**.

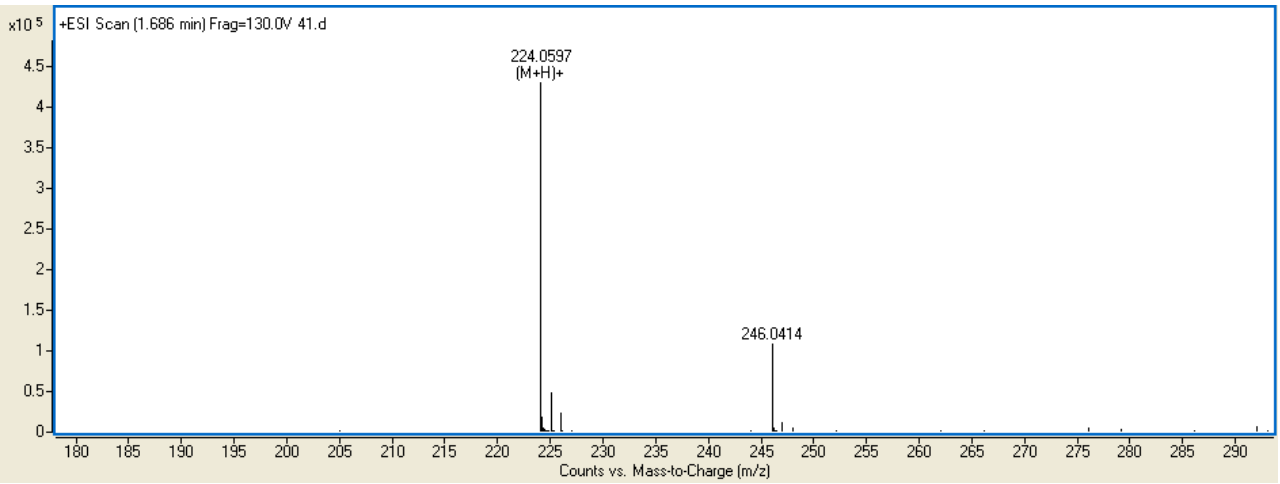


Figure S15. The HR-ESI-MS of compound **7ae**.

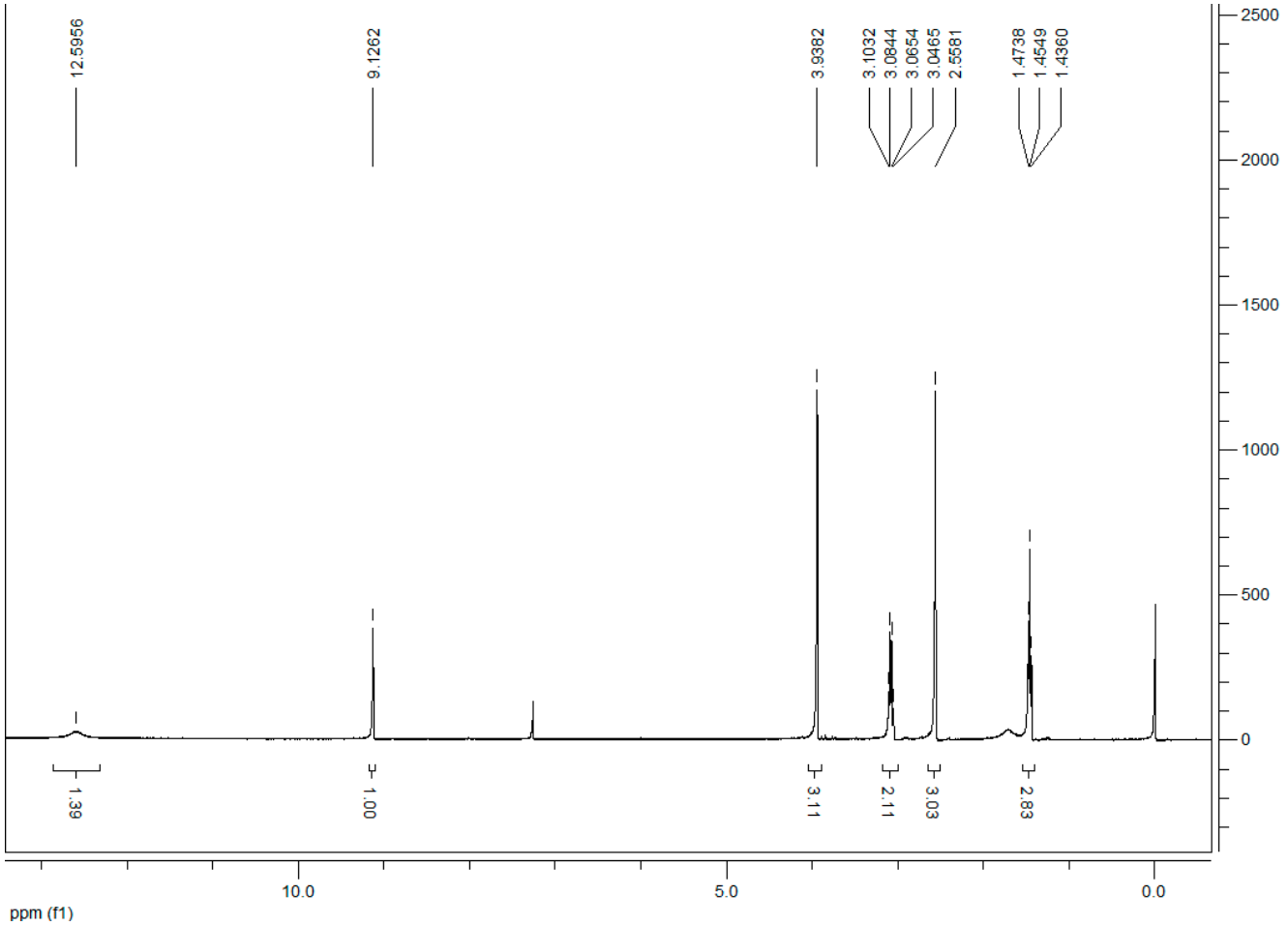


Figure S16. The ^{1}H-NMR ($CDCl_3$, 400 MHz) spectra of compound **7af**.

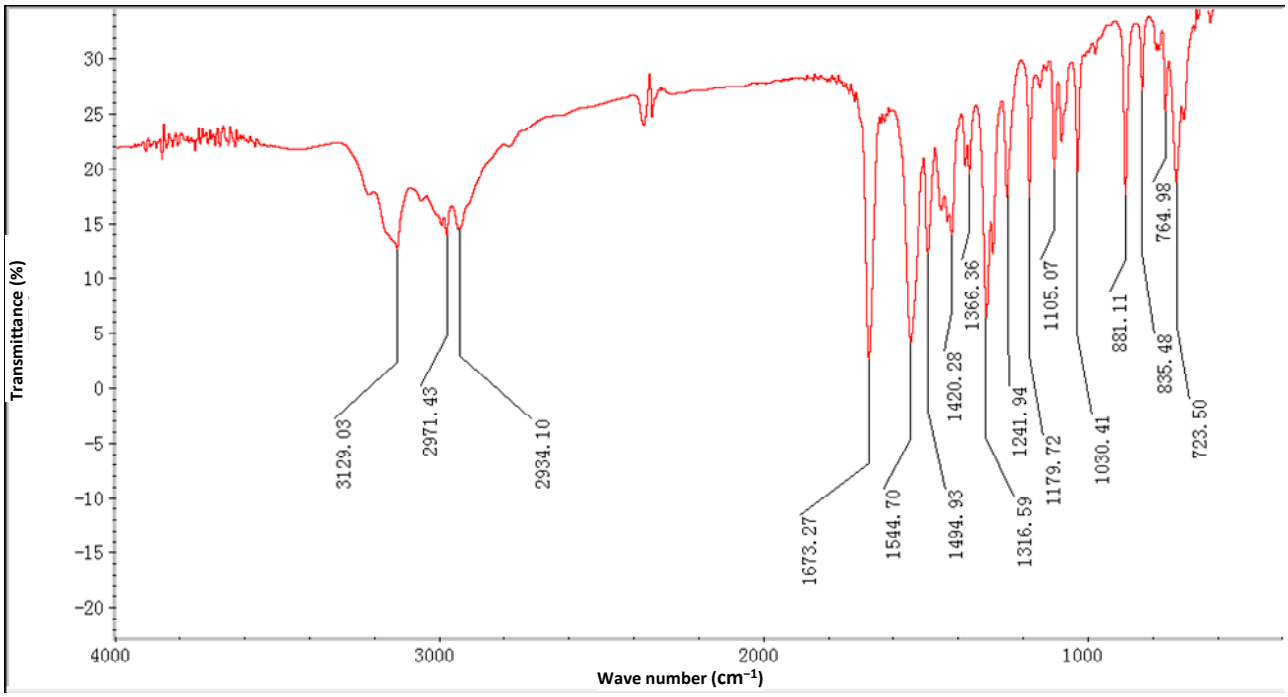


Figure S17. The IR spectra of compound **7af**.

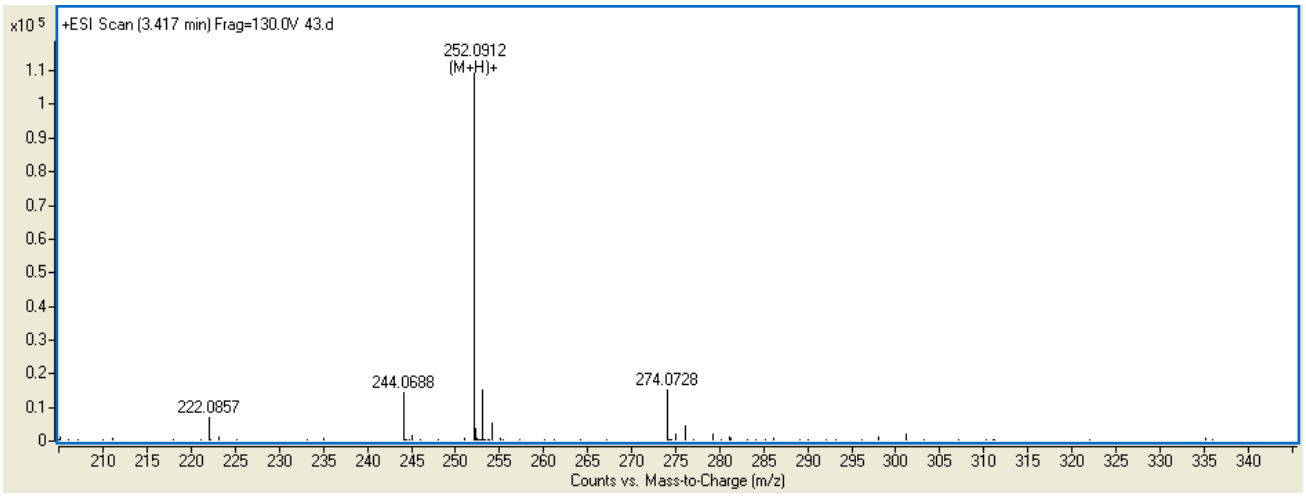


Figure S18. The HR-ESI-MS of compound **7af**.

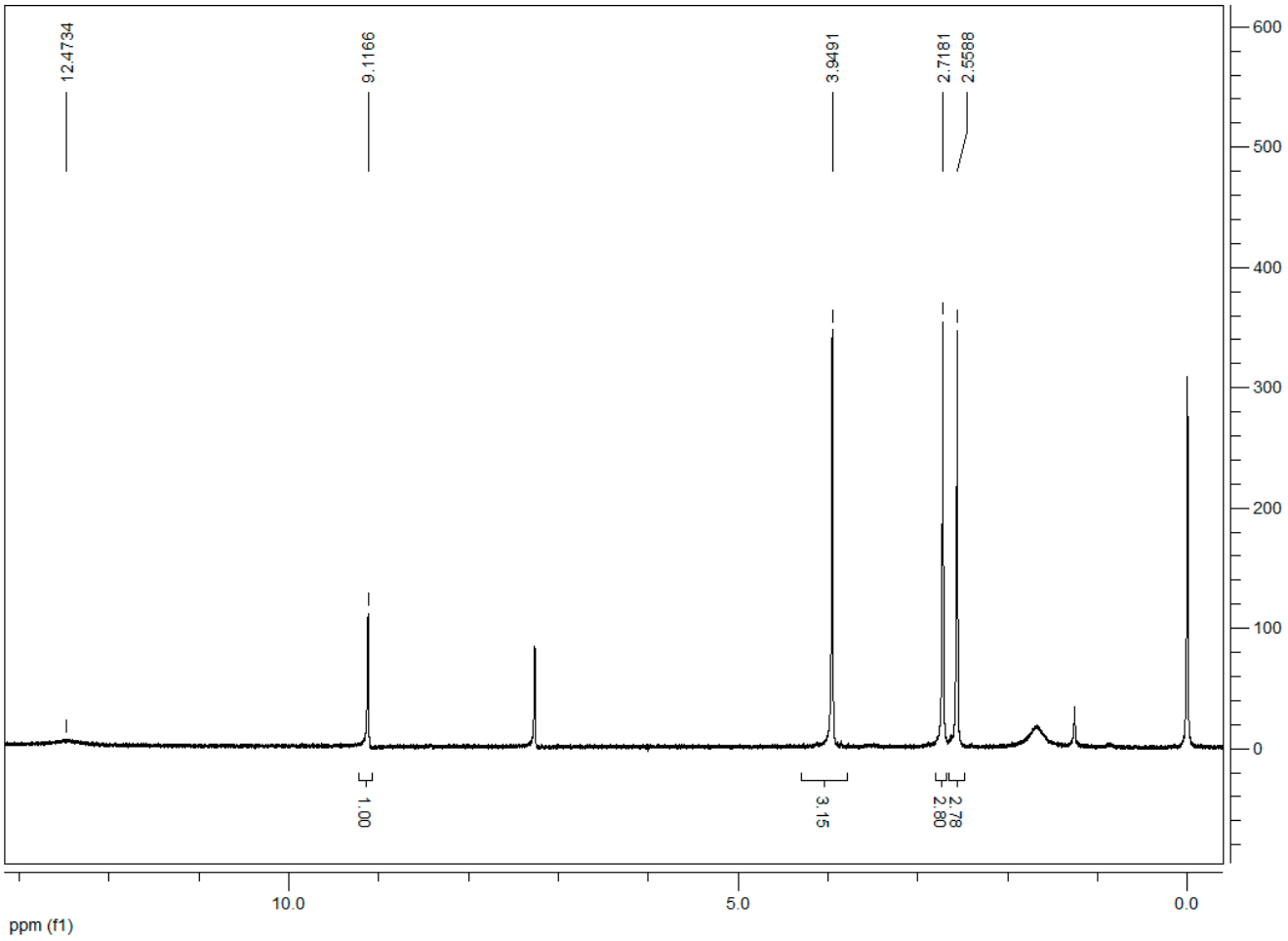


Figure S19. The ^{1}H-NMR ($CDCl_3$, 400 MHz) spectra of compound **7ag**.

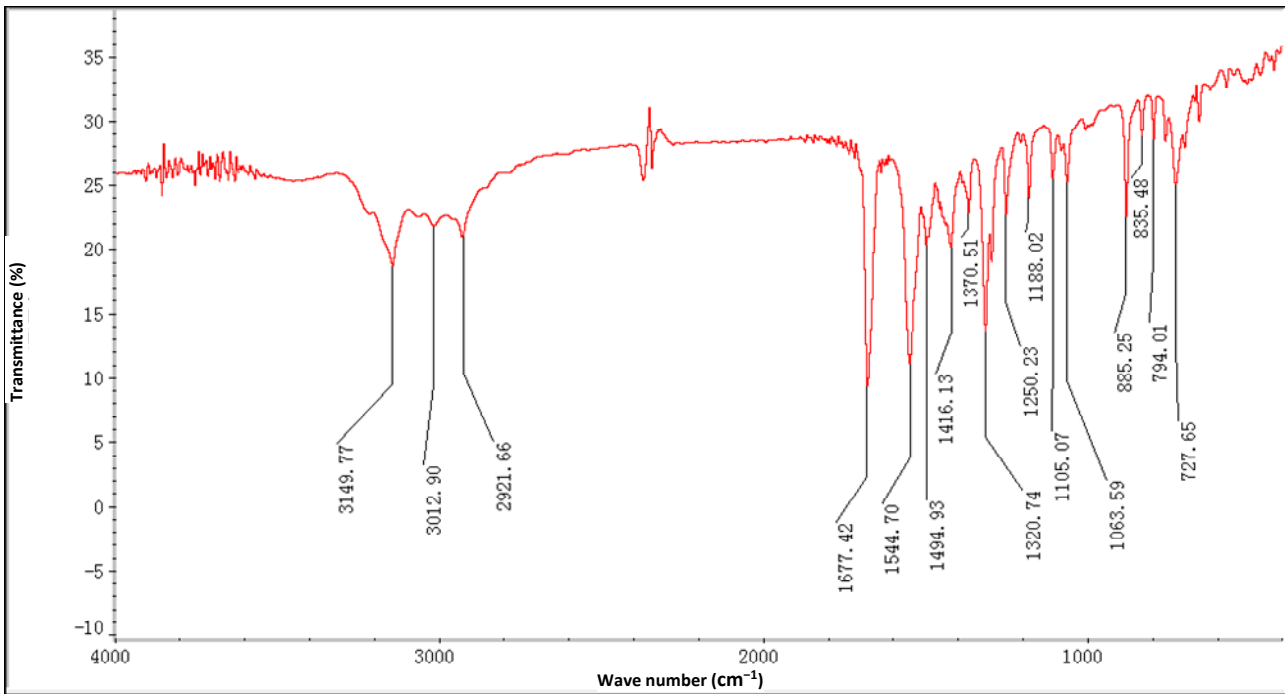


Figure S20. The IR spectra of compound **7ag**.

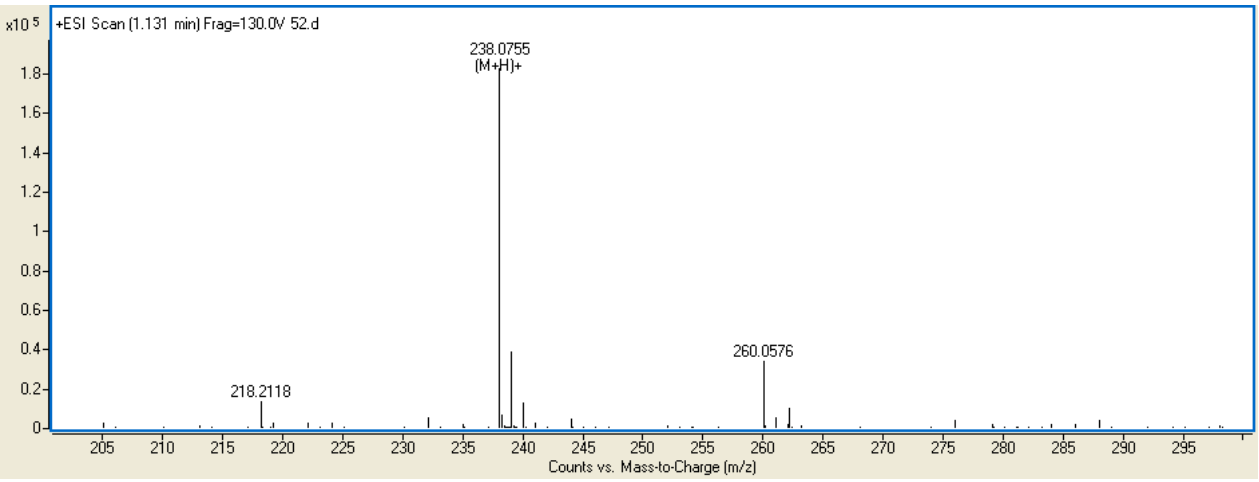


Figure S21. The HR-ESI-MS of compound **7ag**.

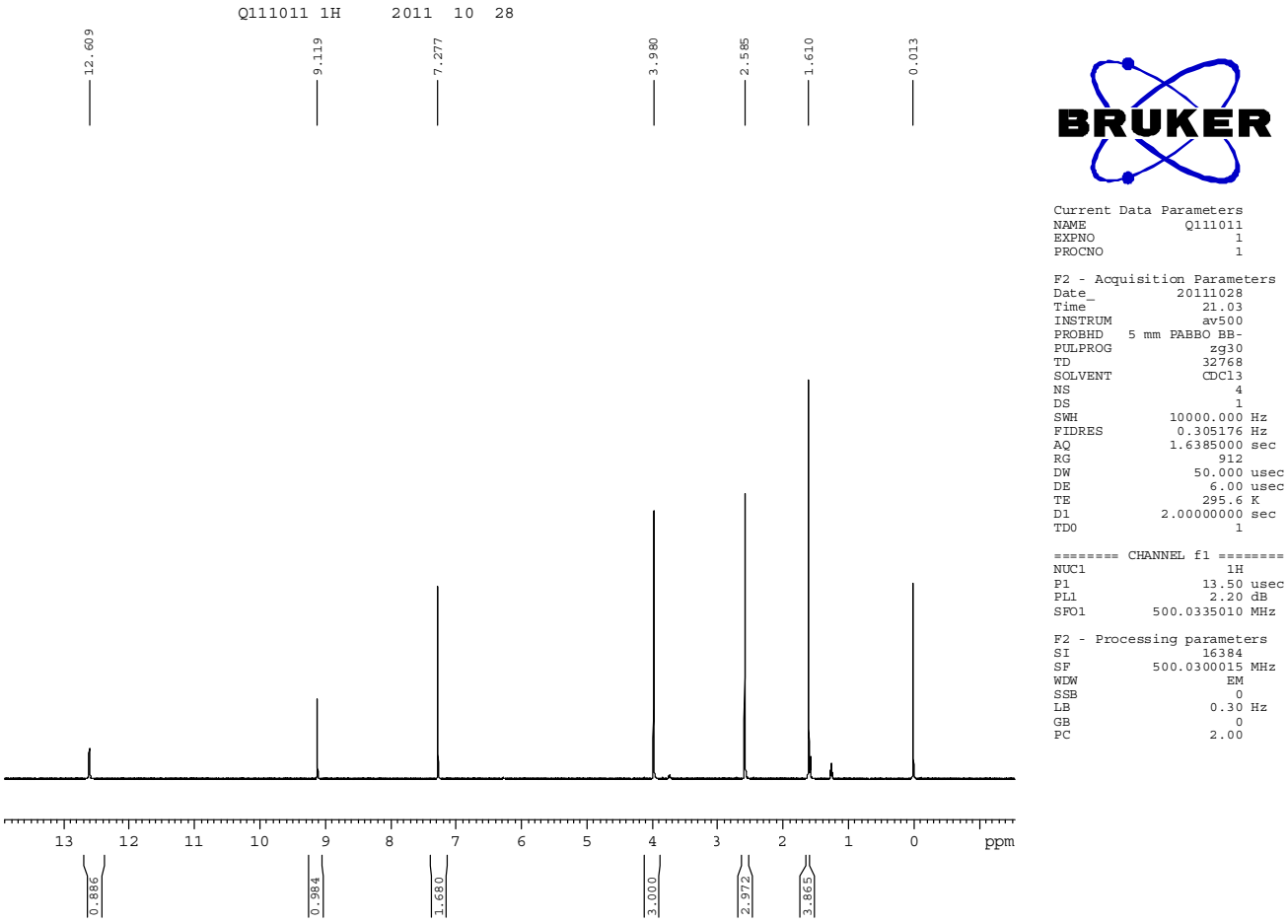


Figure S22. The ^{1}H-NMR ($CDCl_3$, 500 MHz) spectra of compound **7ah**.

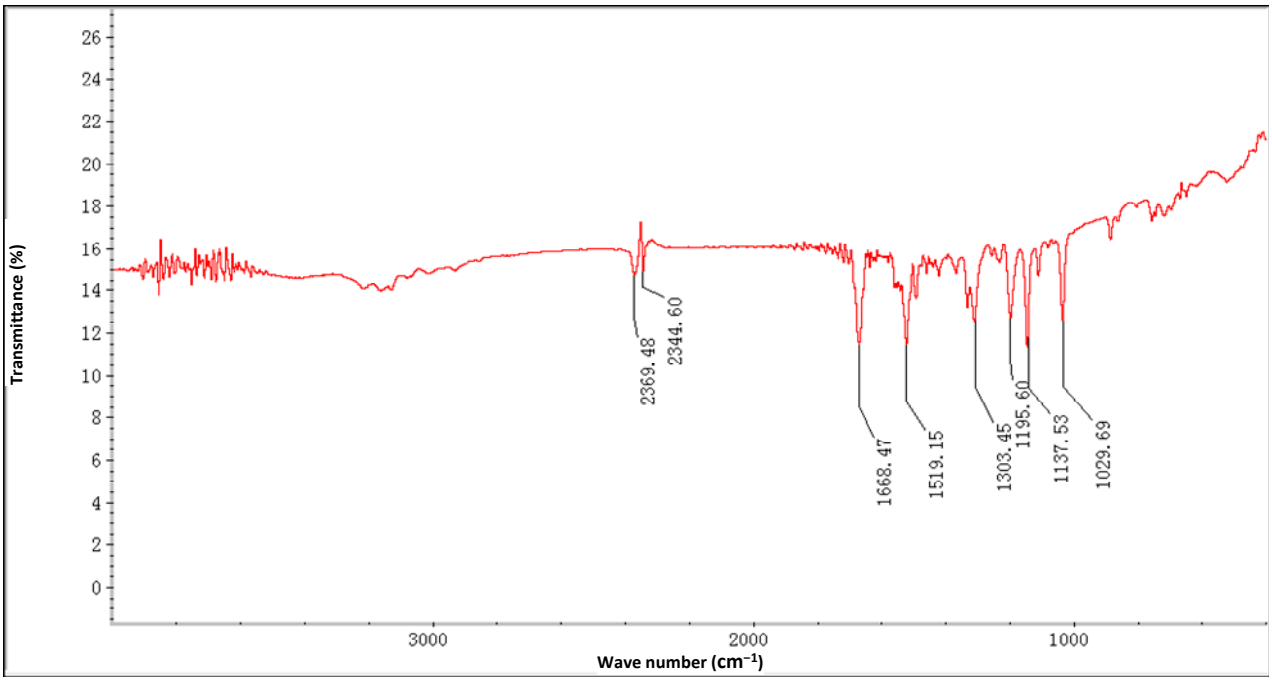


Figure S23. The IR spectra of compound **7ah**.

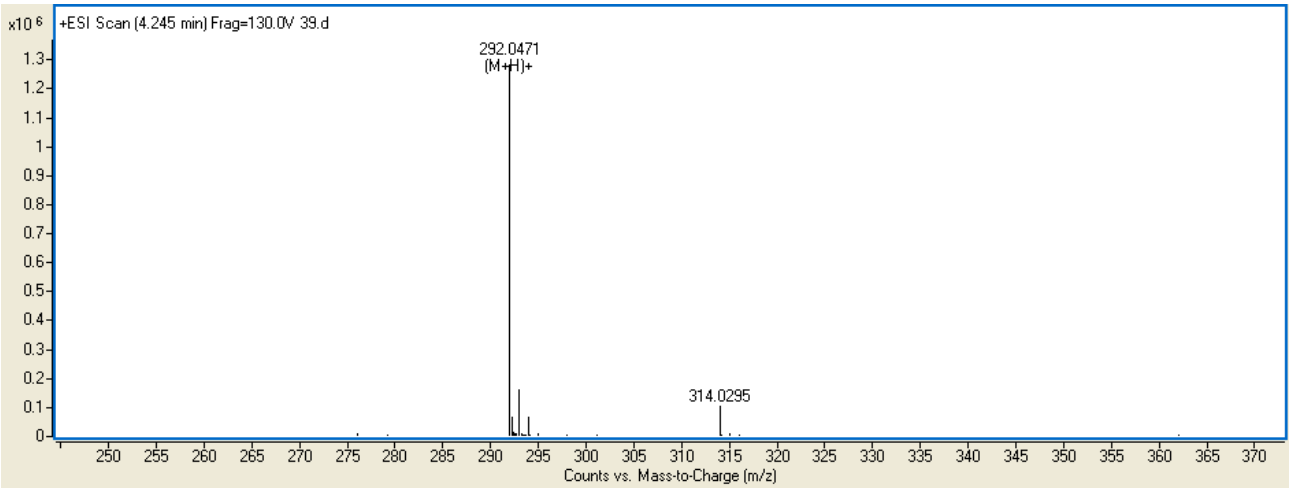


Figure S24. The HR-ESI-MS of compound **7ah**.

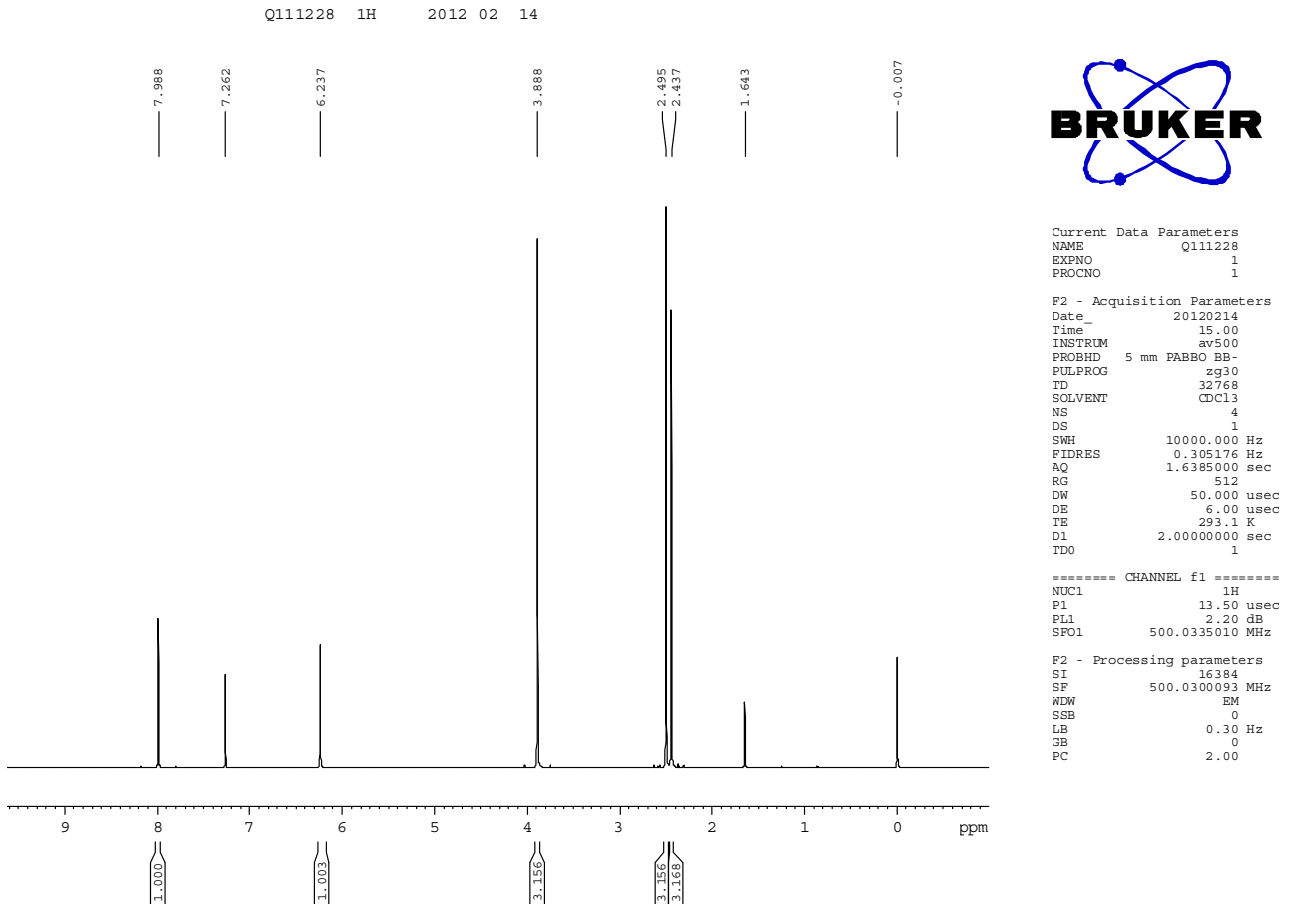


Figure S25. The ^{1}H-NMR ($CDCl_3$, 500 MHz) spectra of compound **7ai**.

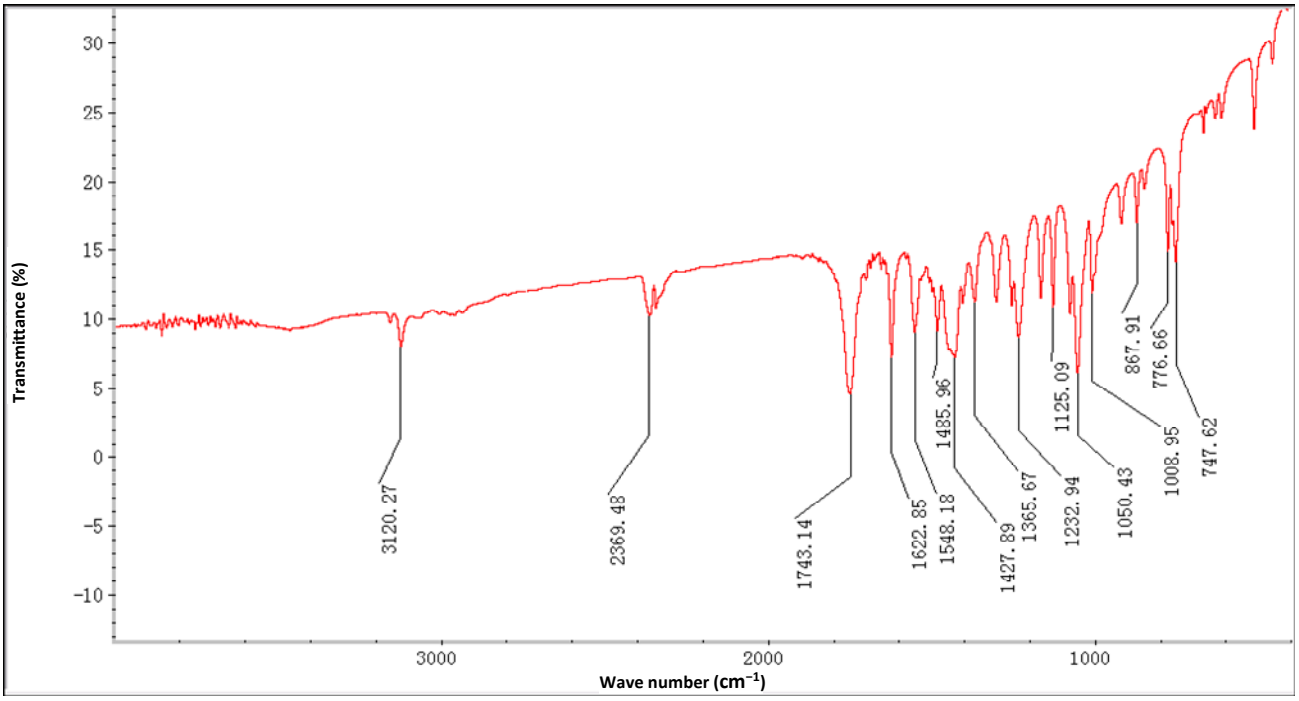


Figure S26. The IR spectra of compound **7ai**.

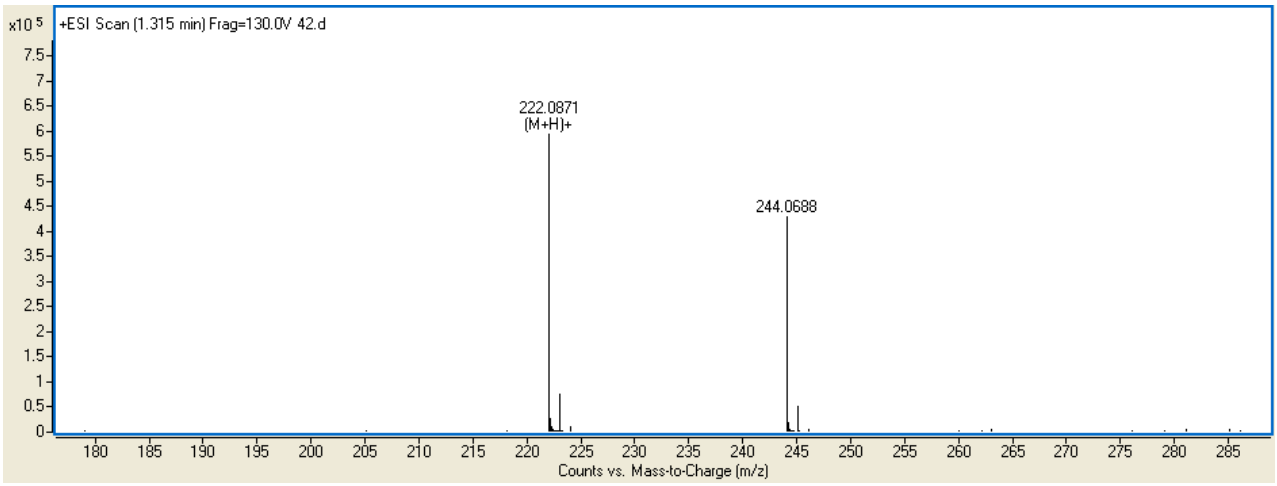


Figure S27. The HR-ESI-MS of compound **7ai**.

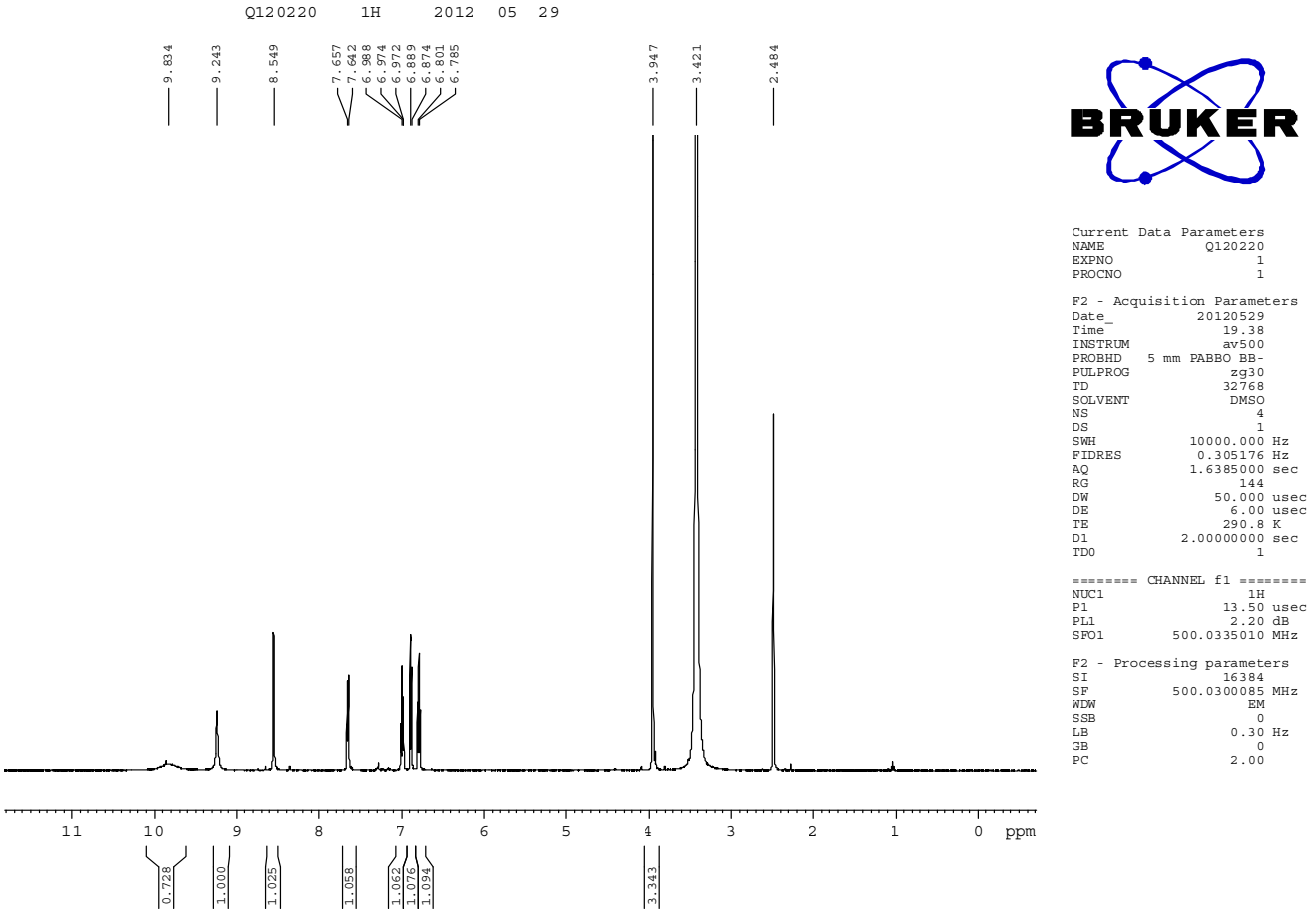


Figure S28. The ^{1}H-NMR (DMSO-d_6, 500 MHz) spectra of compound **7ba**.

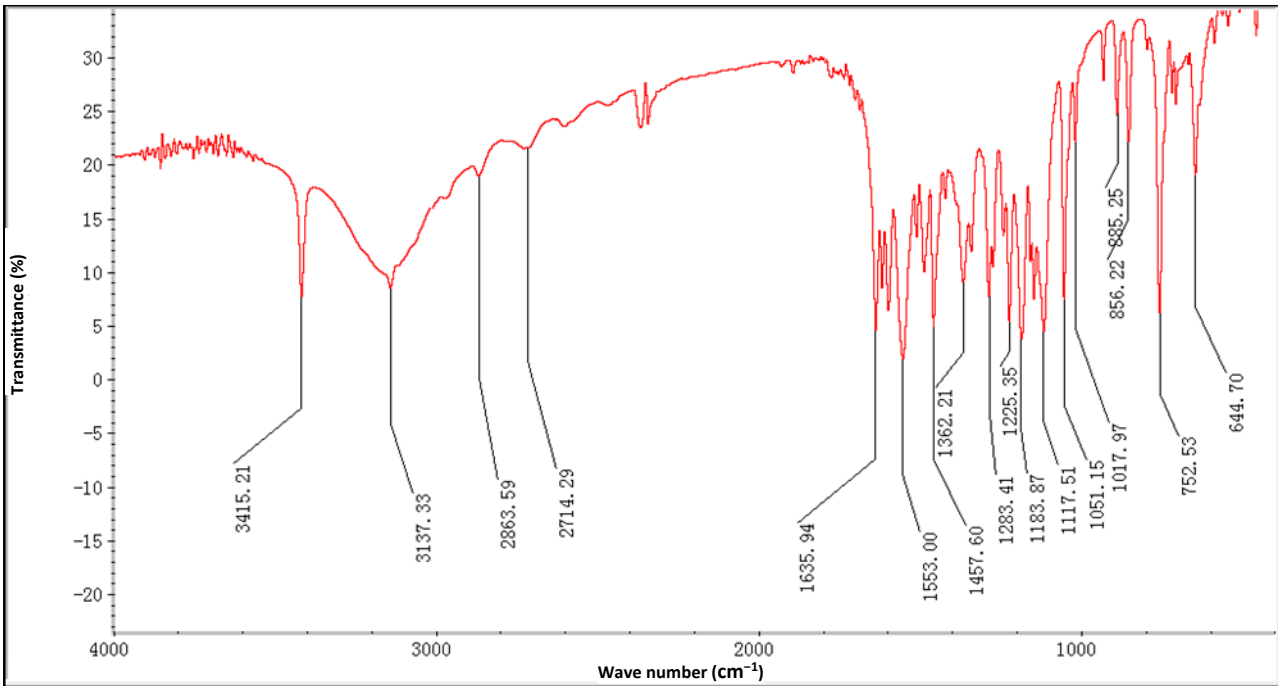


Figure S29. The IR spectra of compound **7ba**.

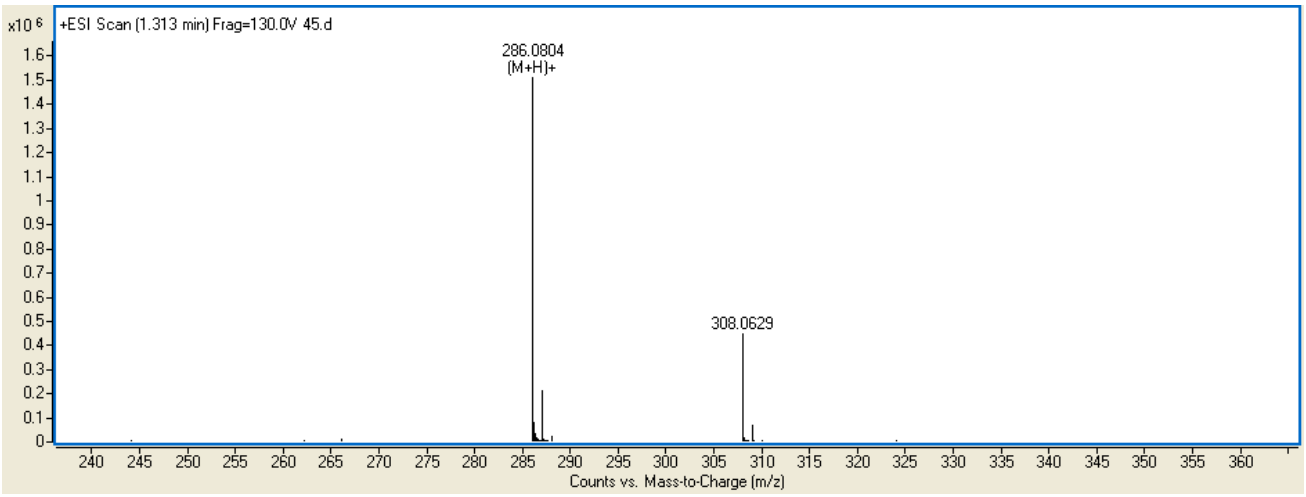


Figure S30. The HR-ESI-MS of compound **7ba**.

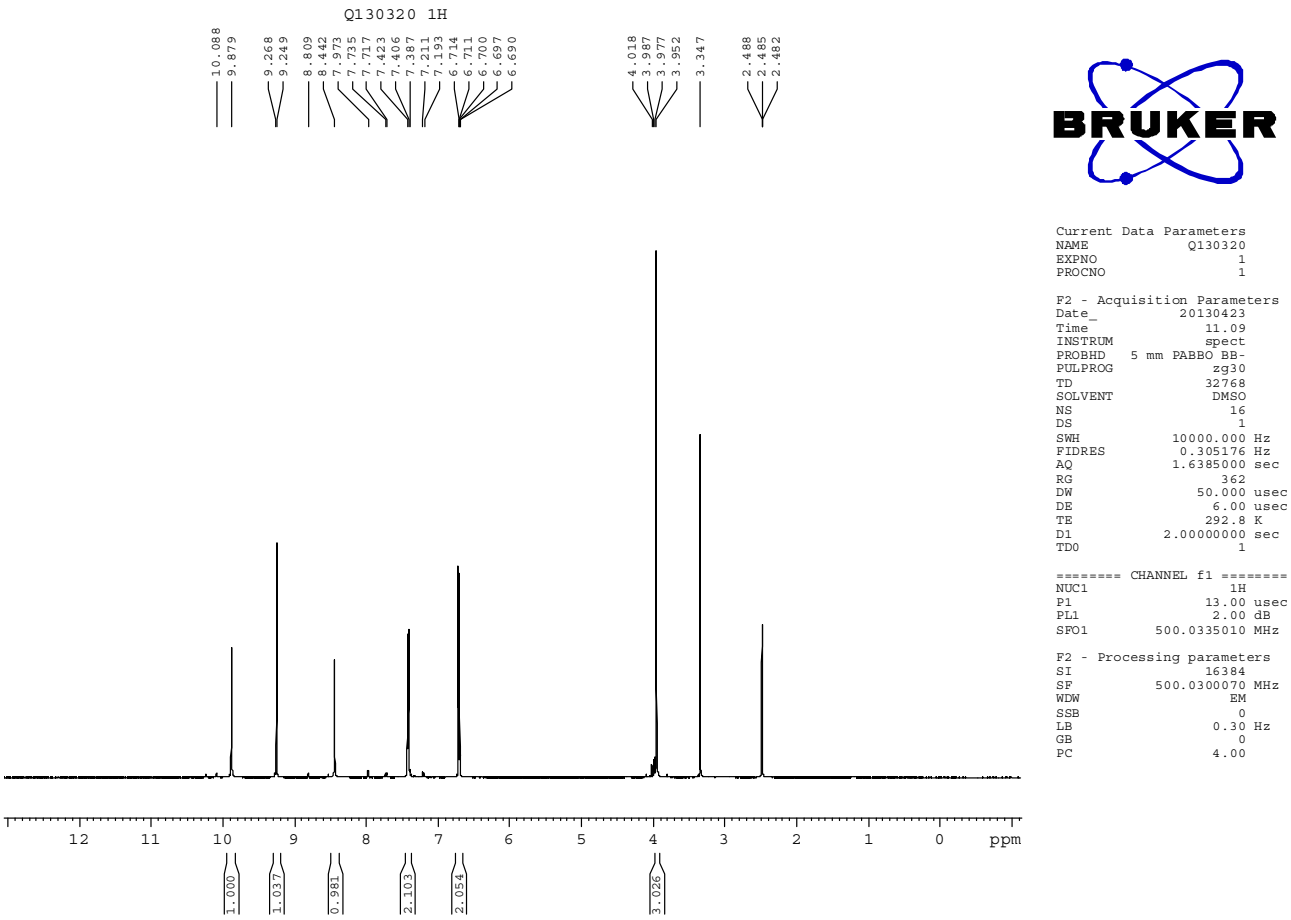


Figure S31. The ^{1}H-NMR (DMSO-d_6, 500 MHz) spectra of compound **7bb**.

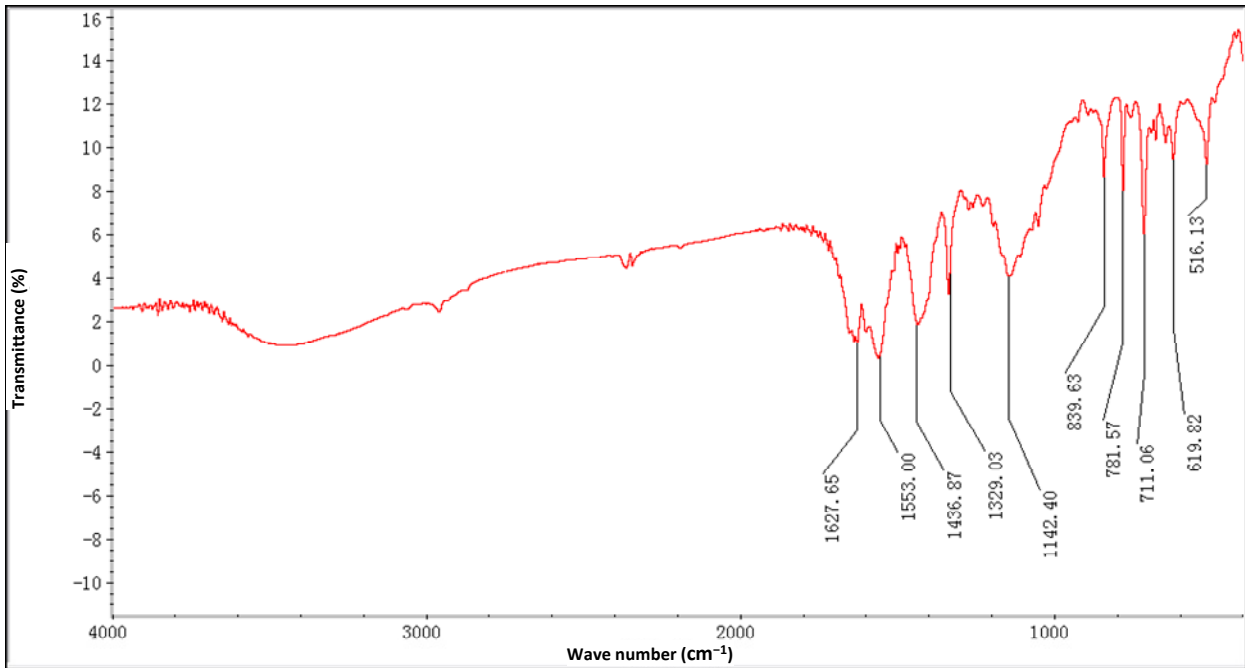


Figure S32. The IR spectra of compound **7bb**.

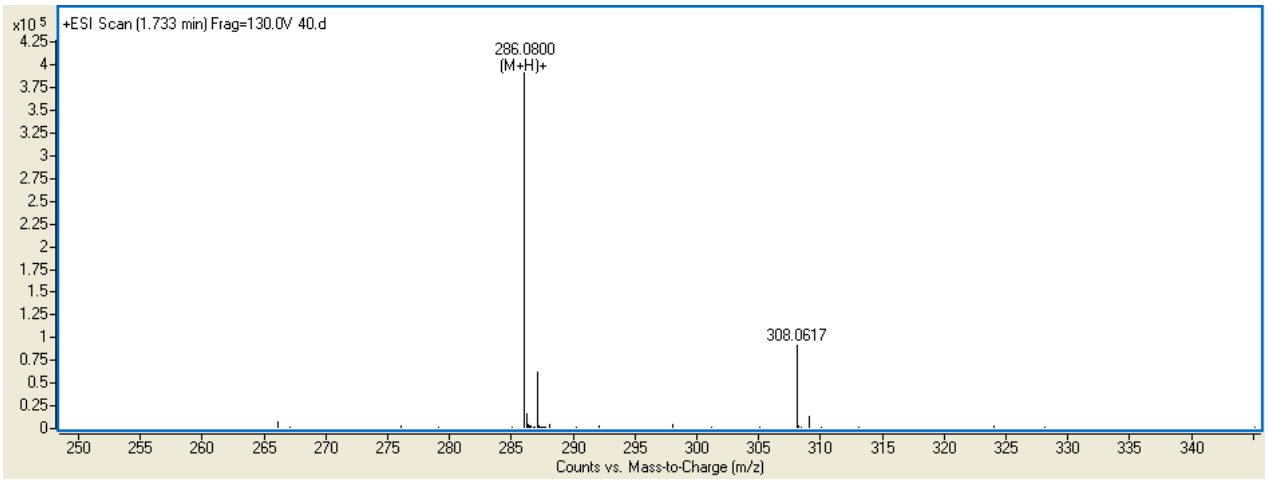


Figure S33. The HR-ESI-MS of compound **7bb**.

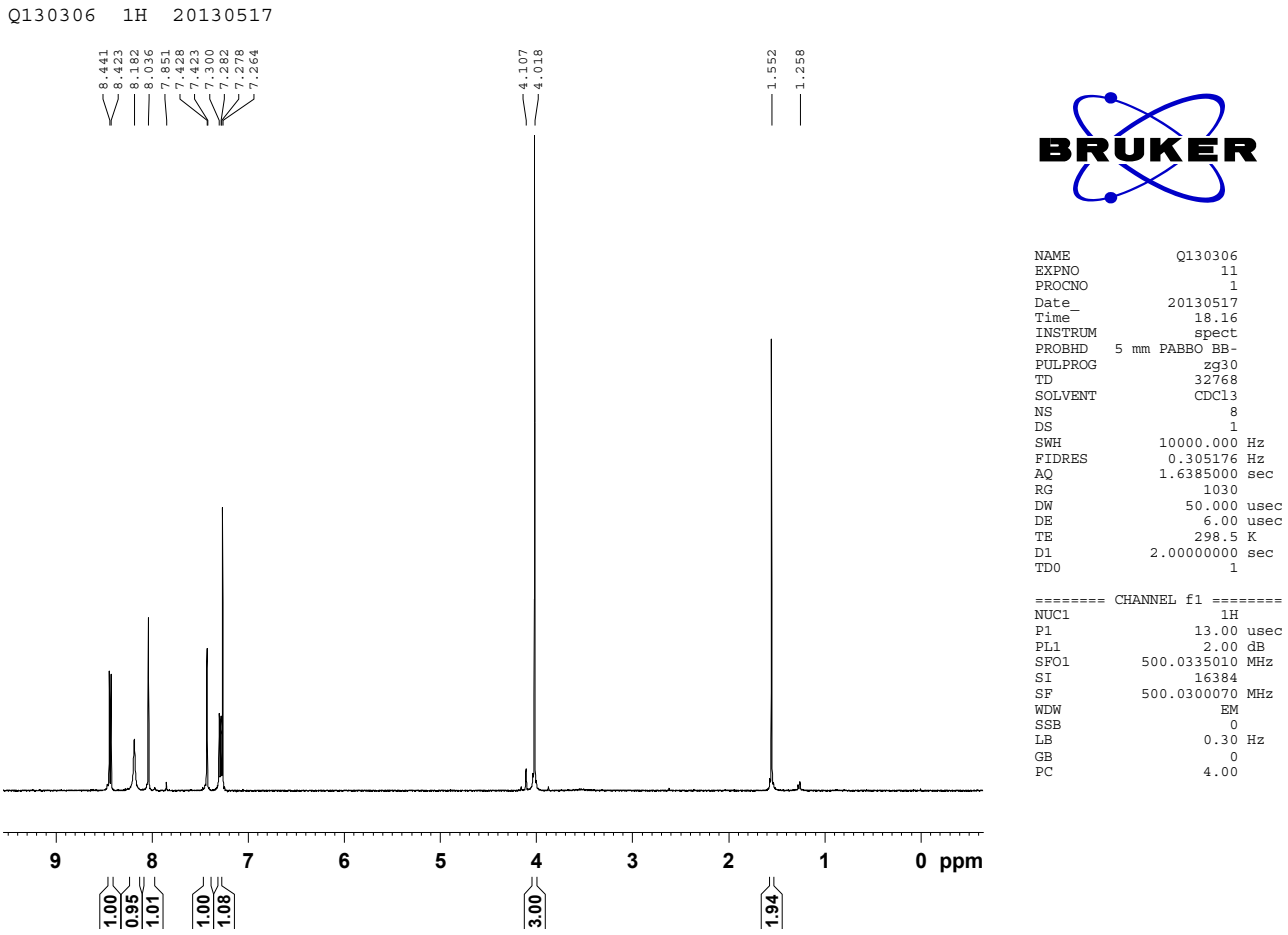


Figure S34. The ^{1}H-NMR ($CDCl_3$, 400 MHz) spectra of compound **7bc**.

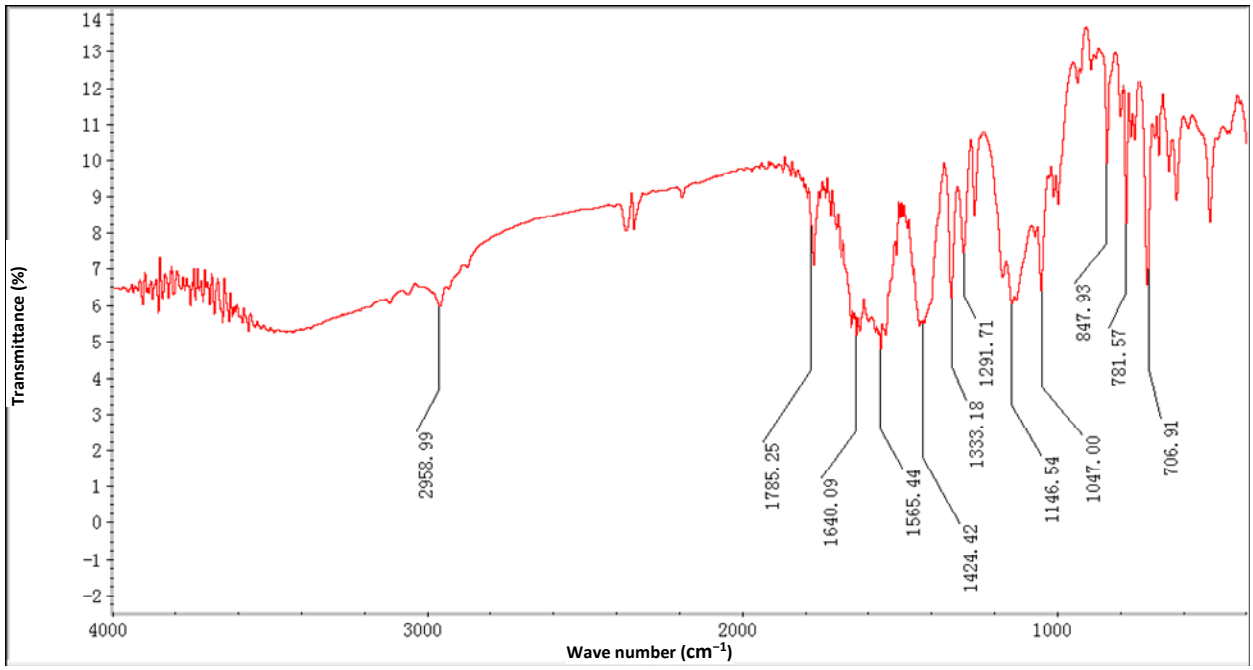


Figure S35. The IR spectra of compound **7bc**.

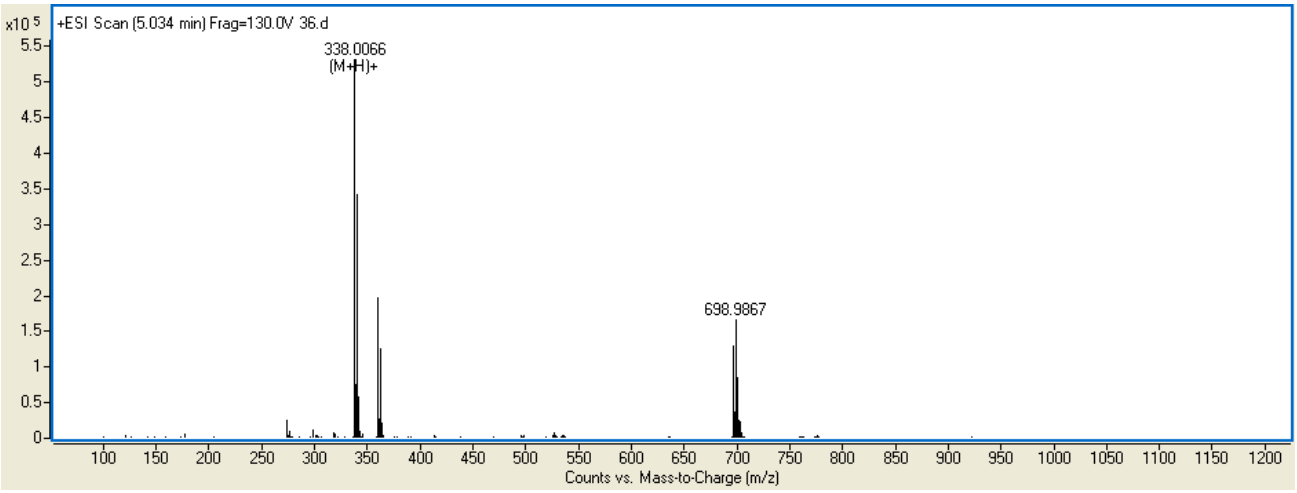


Figure S36. The HR-ESI-MS of compound **7bc**.

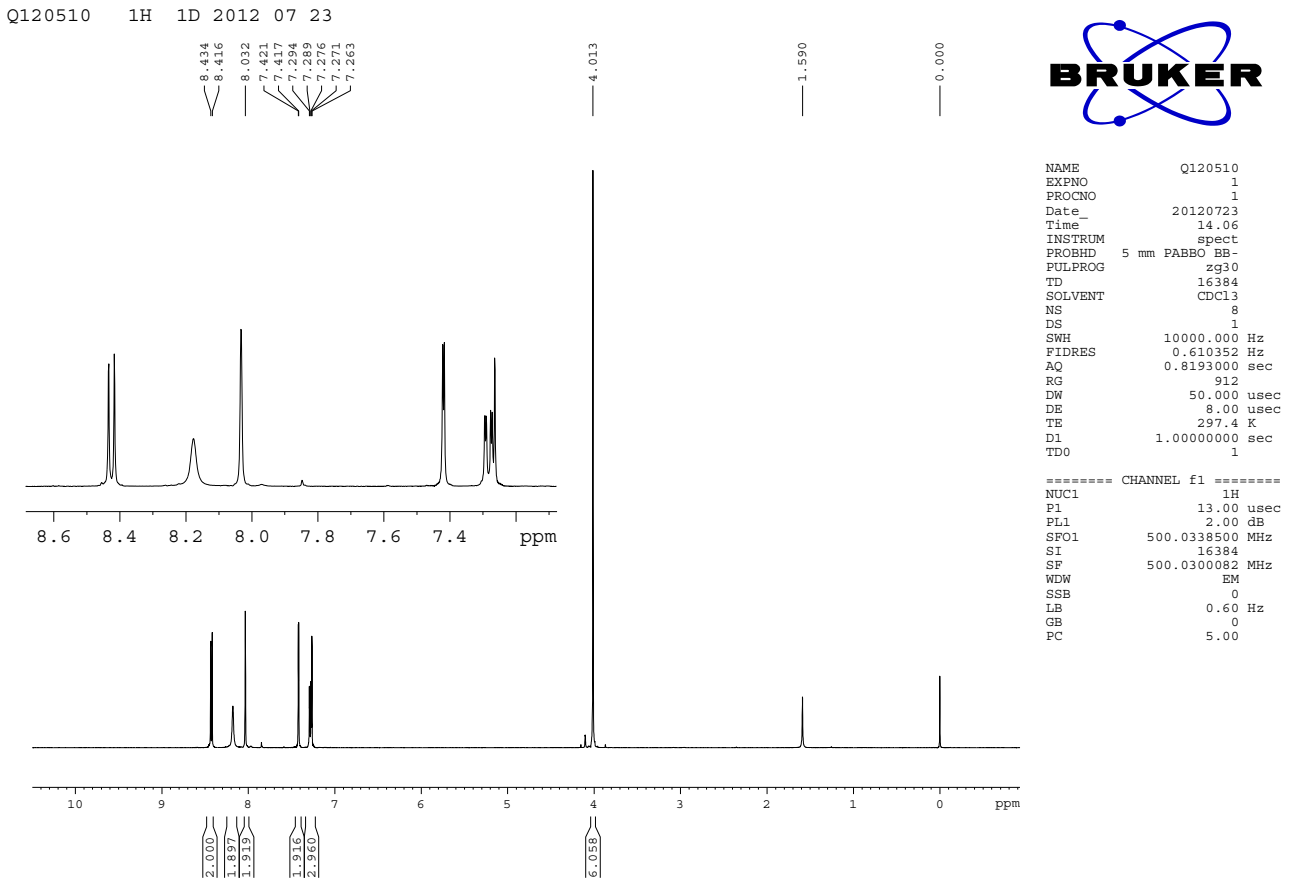


Figure S37. The ^{1}H-NMR ($CDCl_3$, 500 MHz) spectra of compound **7bd**.

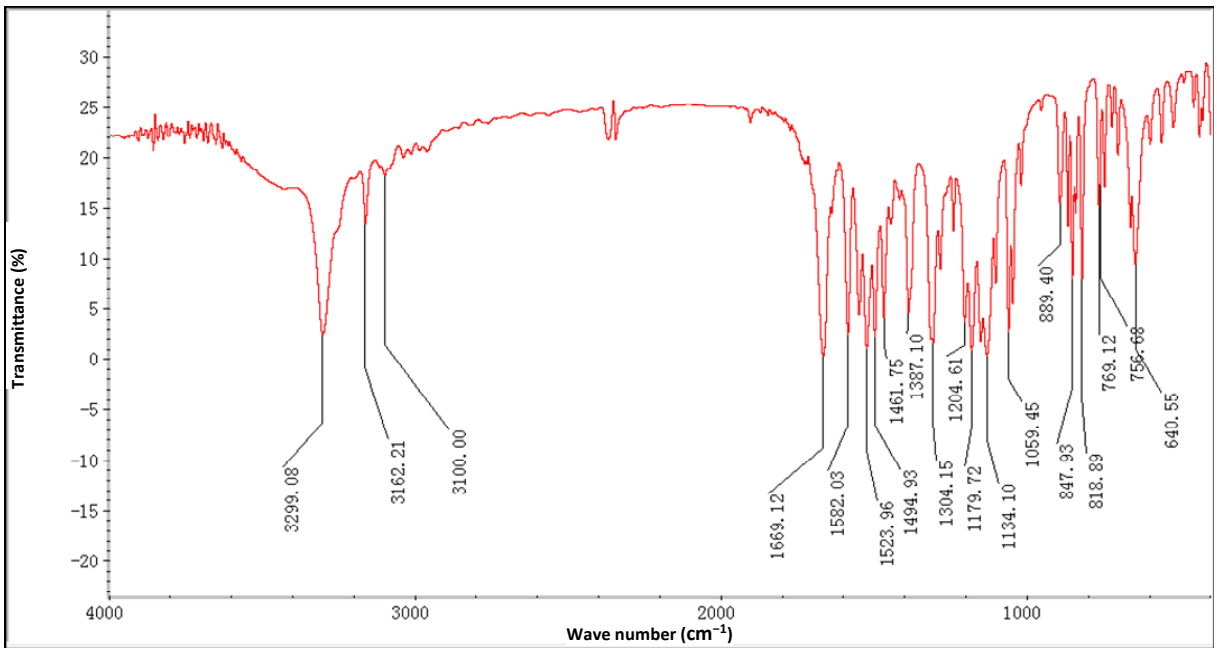


Figure S38. The IR spectra of compound **7bd**.

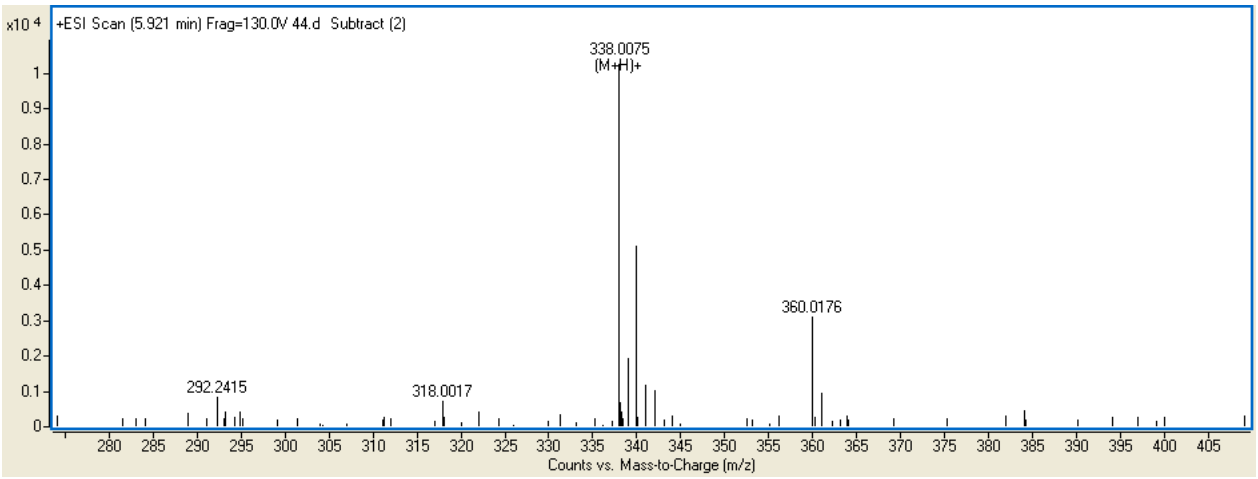


Figure S39. The HR-ESI-MS of compound **7bd**.

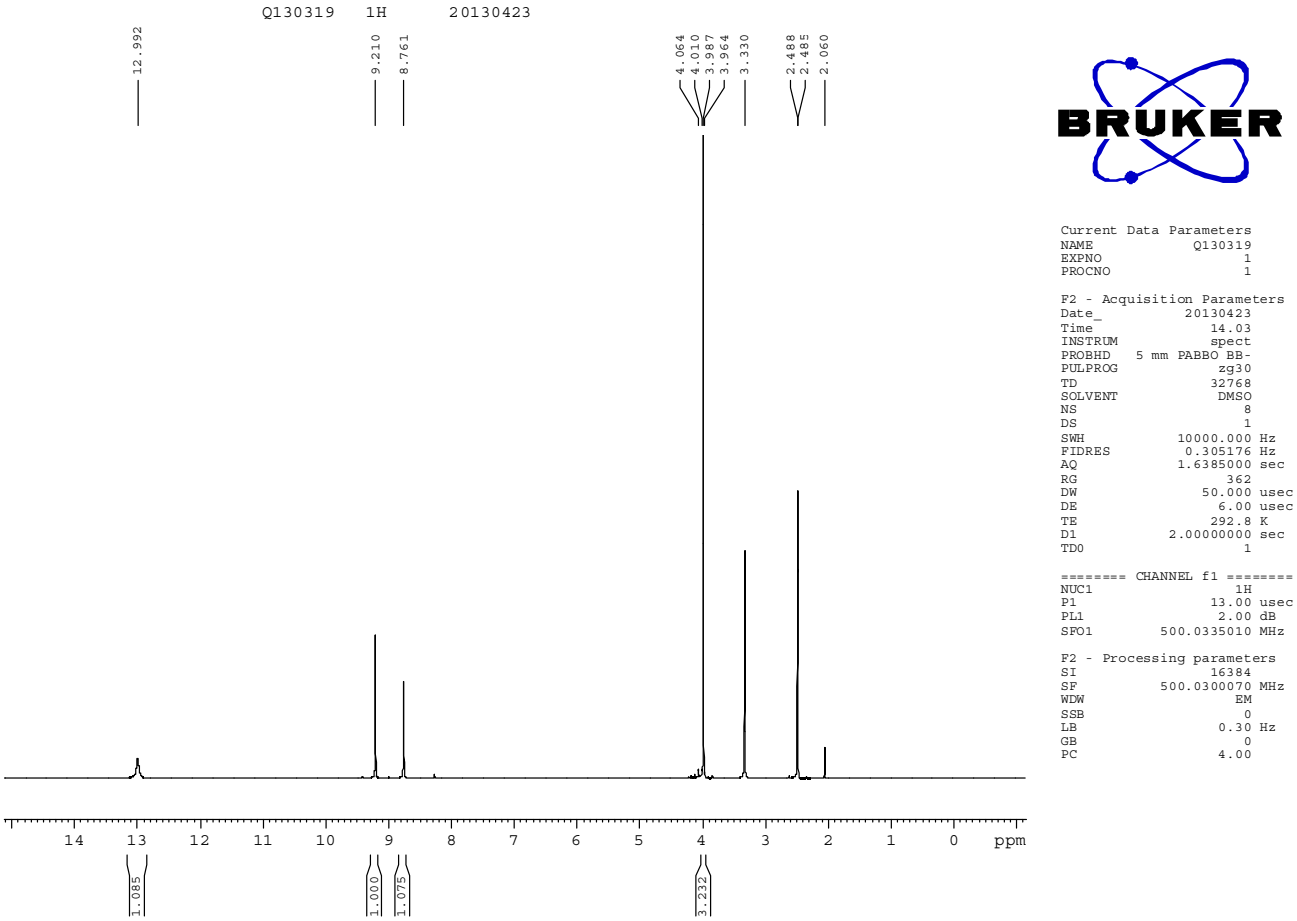


Figure S40. The ^{1}H-NMR (DMSO-d_6, 500 MHz) spectra of compound **7be**.

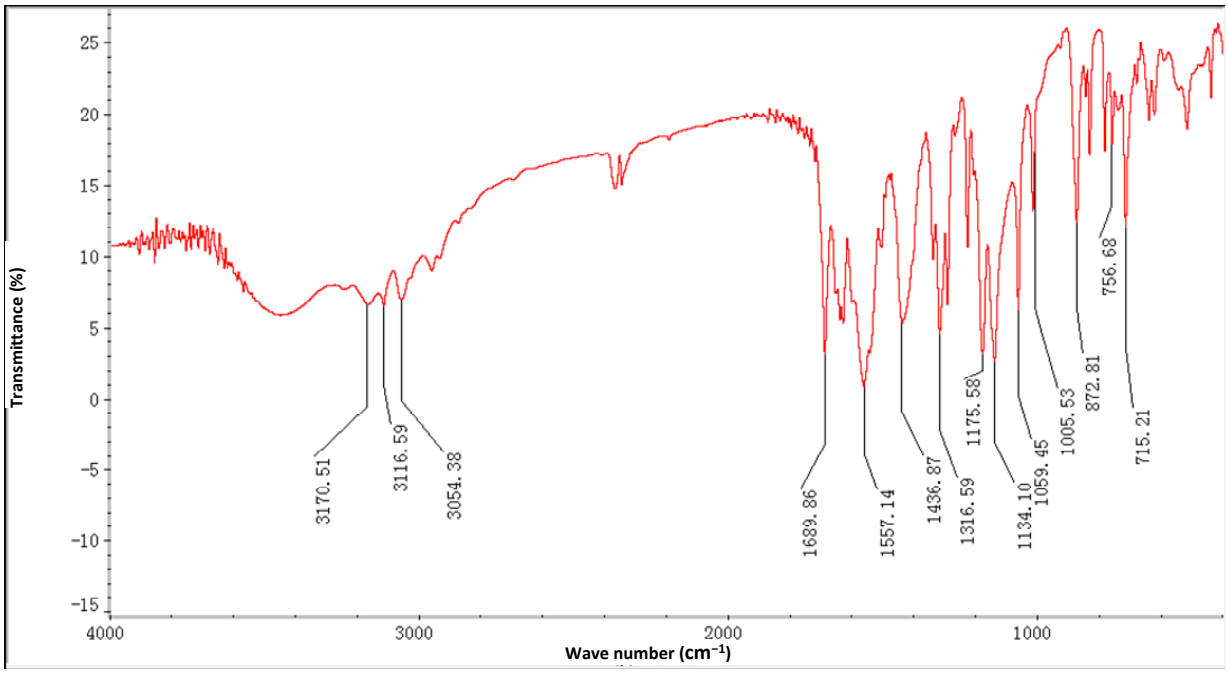


Figure S41. The IR spectra of compound **7bd**.

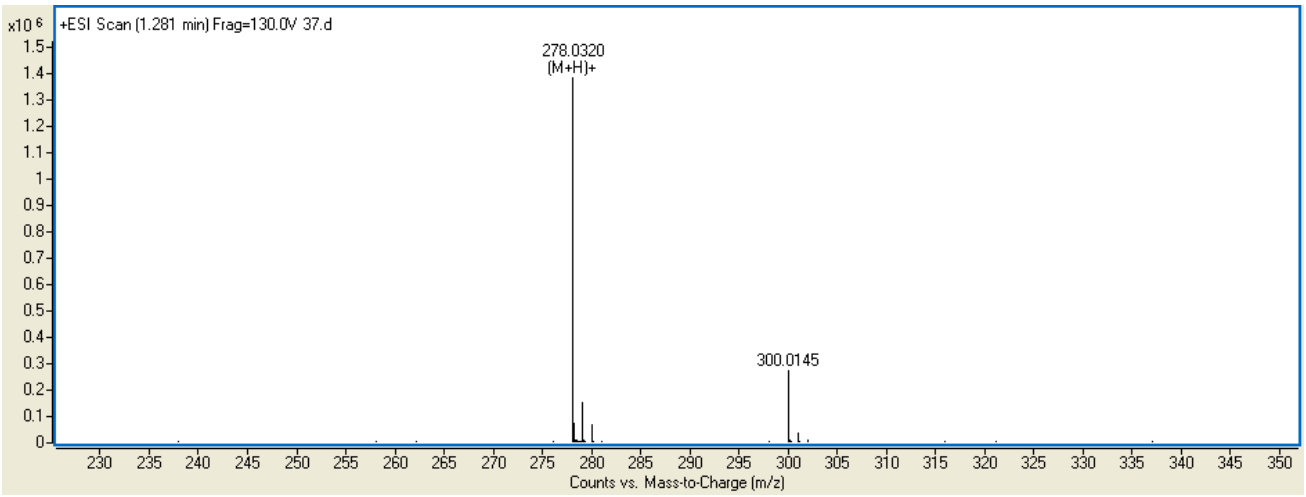


Figure S42. The HR-ESI-MS of compound **7be**.

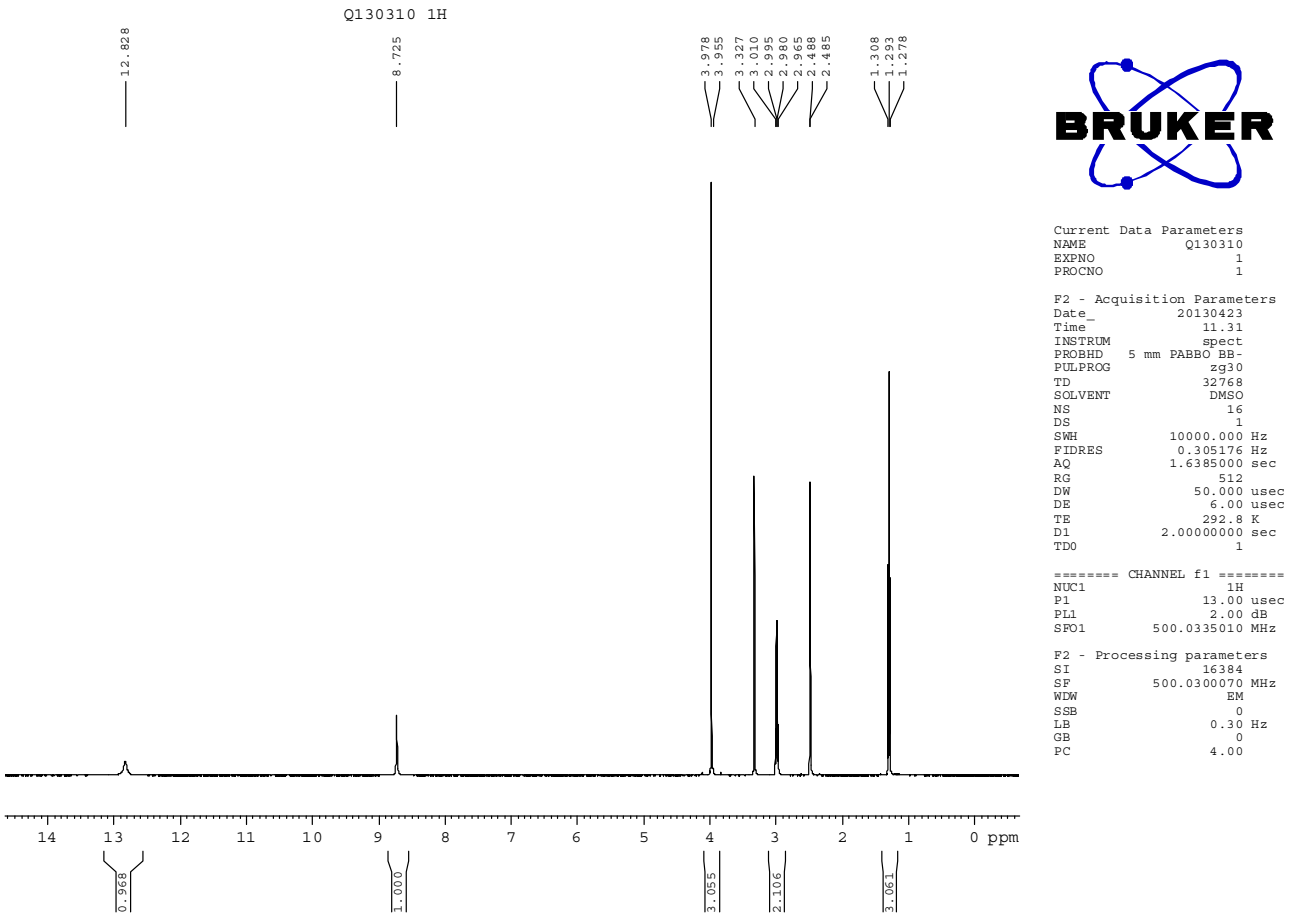


Figure S43. The ^{1}H-NMR (DMSO-d_6, 500 MHz) spectra of compound **7bf**.

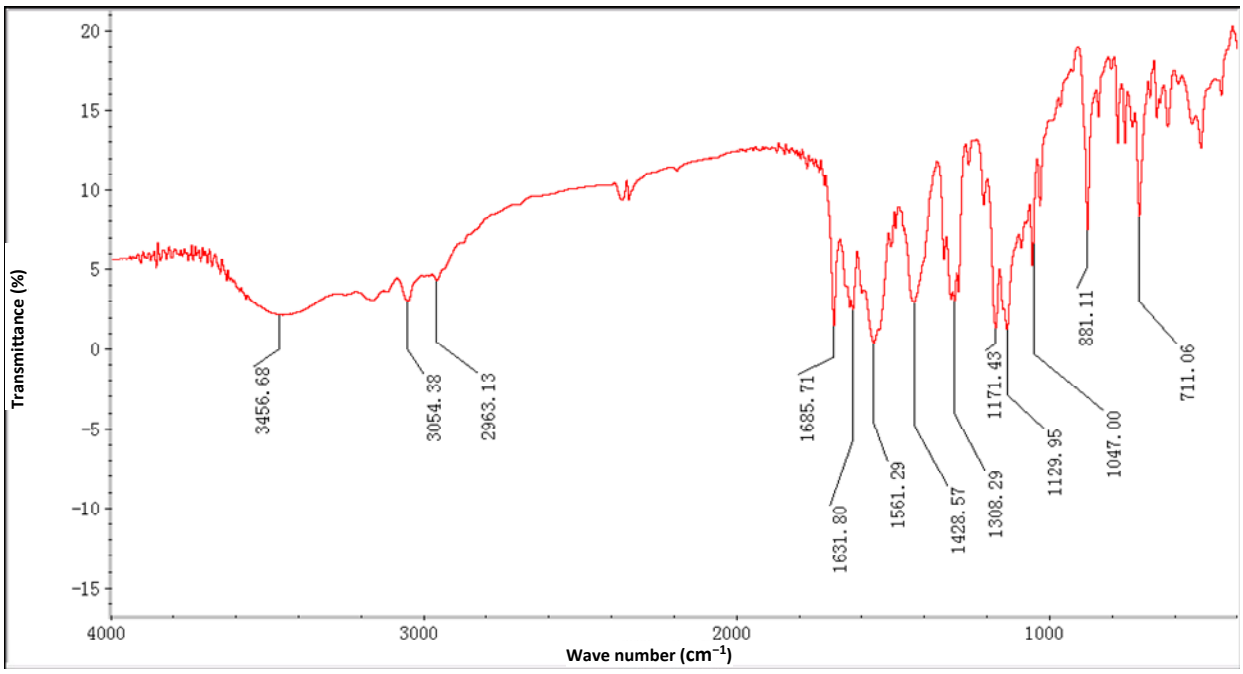


Figure S44. The IR spectra of compound **7bf**.

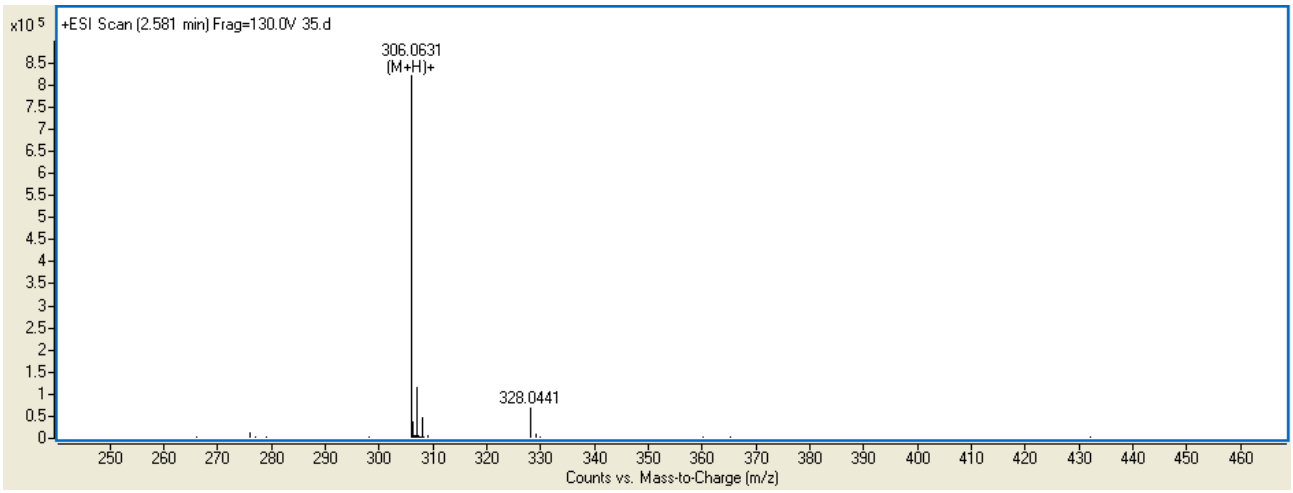


Figure S45. The HR-ESI-MS of compound **7bf**.

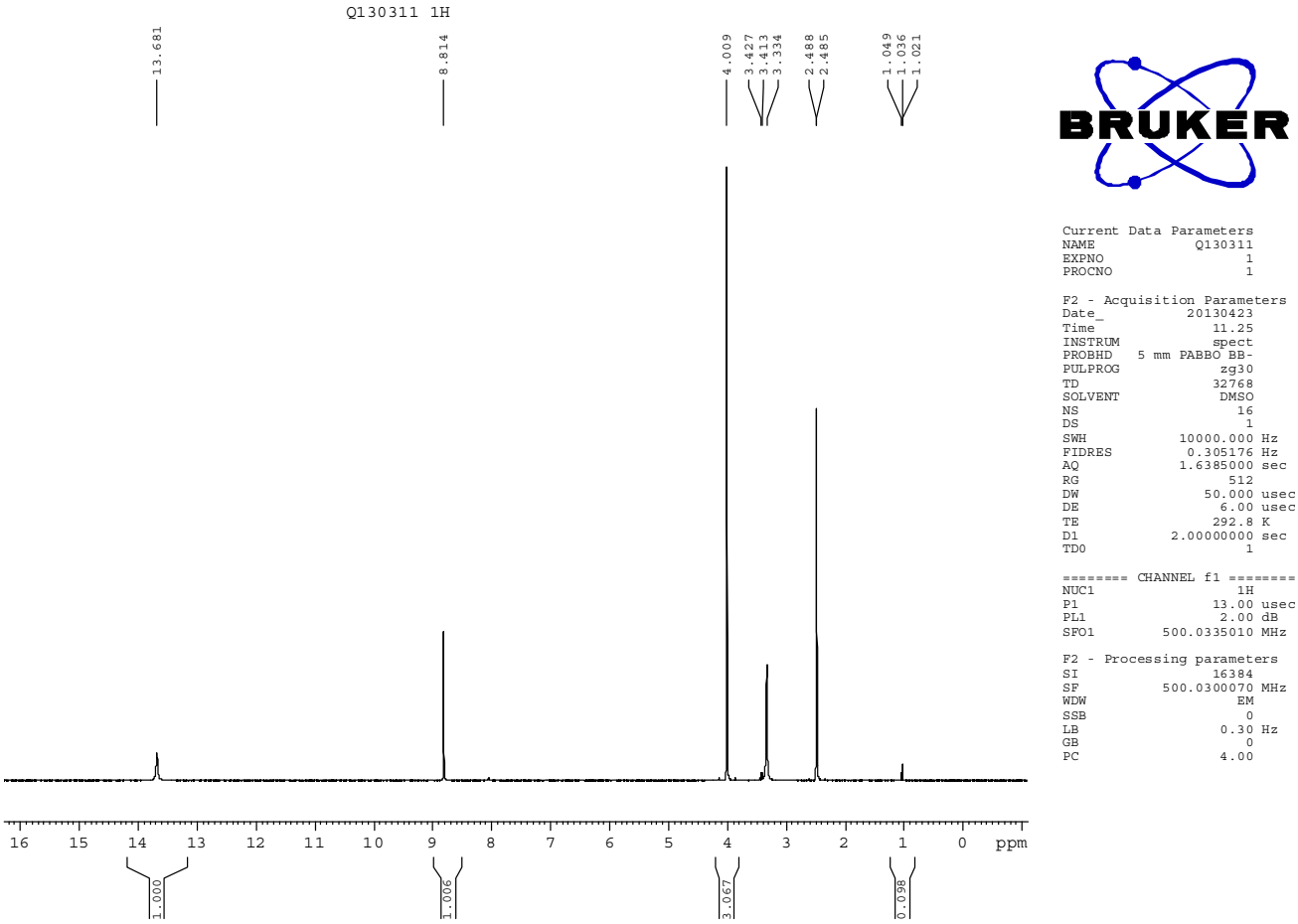


Figure S46. The ^{1}H-NMR (DMSO-d_6, 500 MHz) spectra of compound **7bg**.

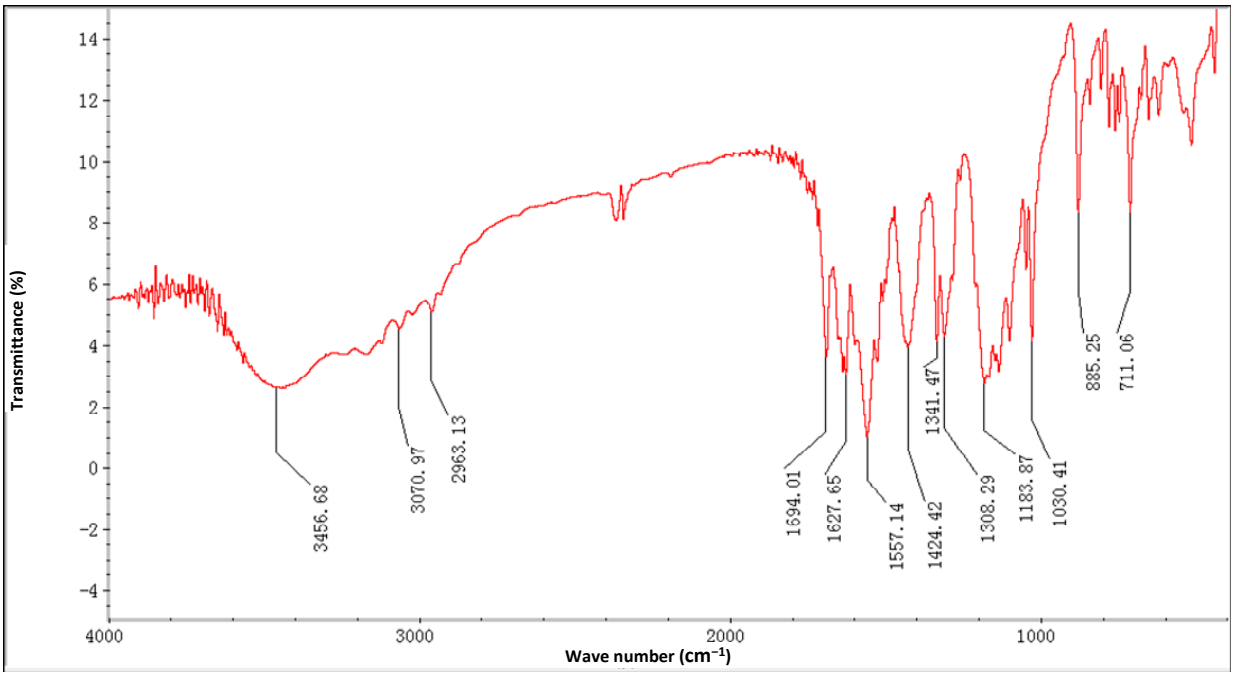


Figure S47. The IR spectra of compound **7bg**.

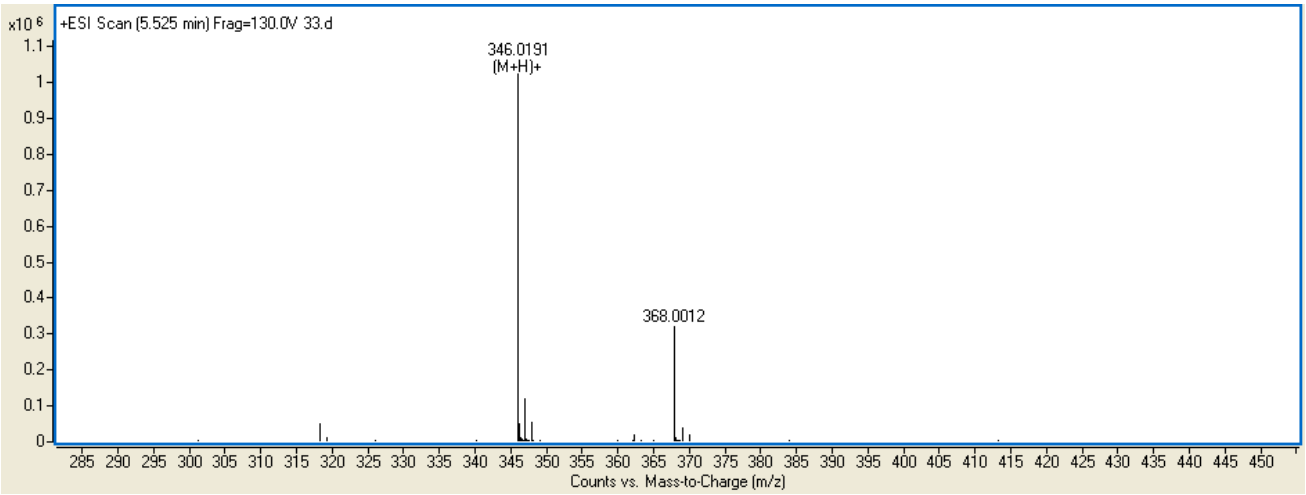


Figure S48. The HR-ESI-MS of compound **7bg**.

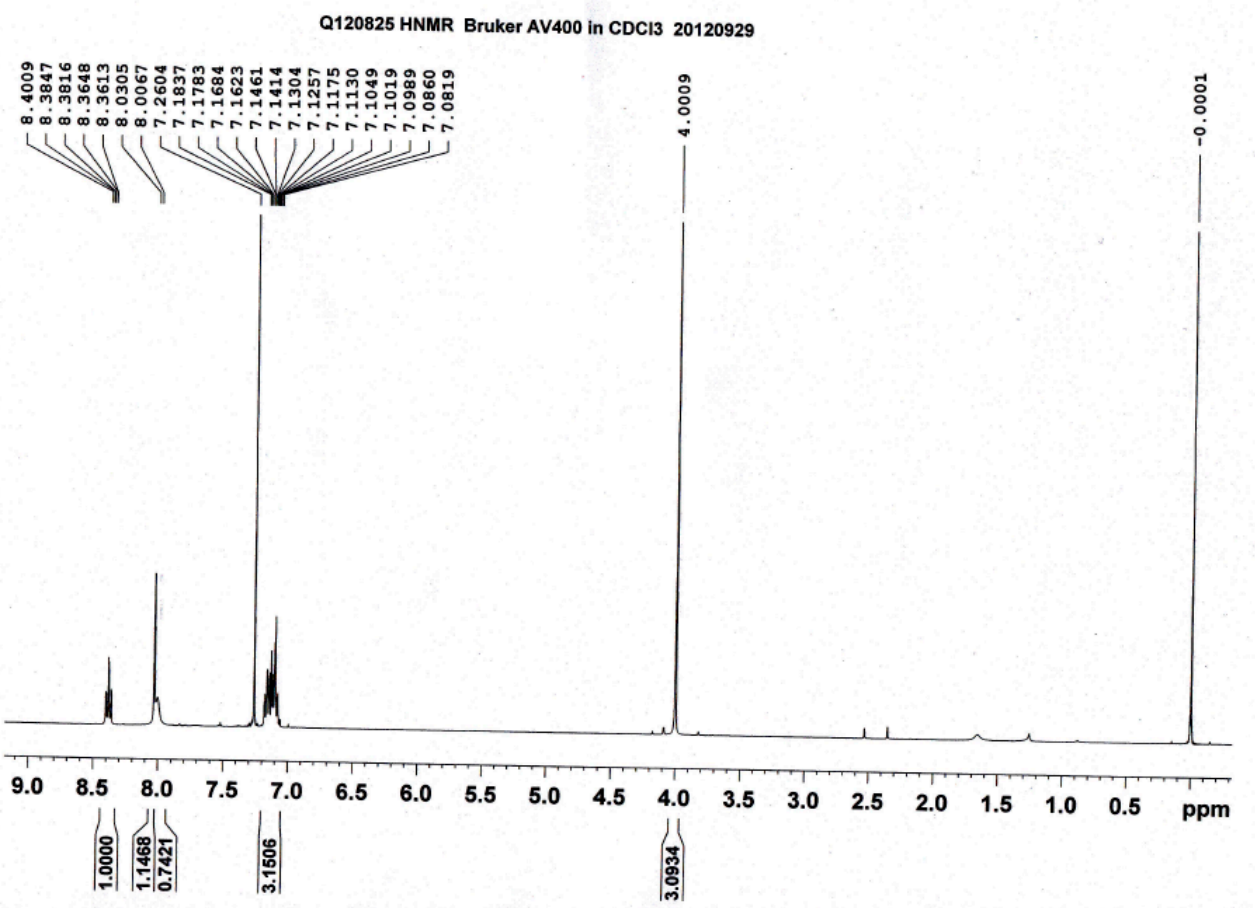


Figure S49. The ^{1}H-NMR ($CDCl_3$, 500 MHz) spectra of compound **7bh**.

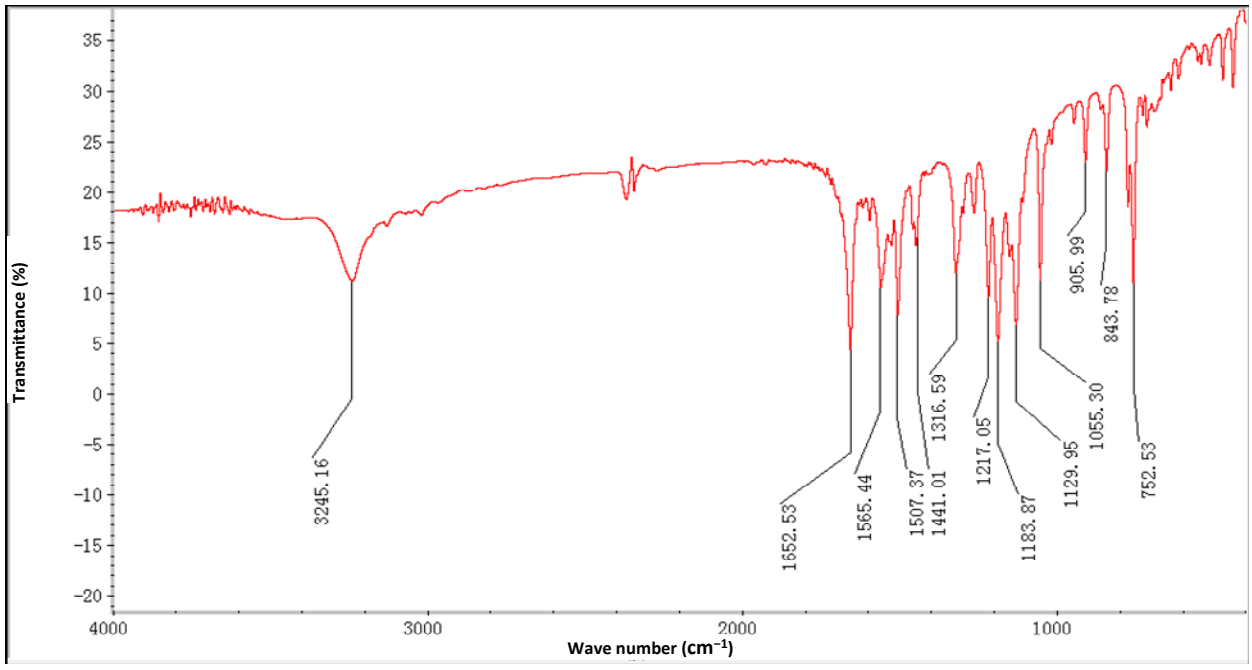


Figure S50. The IR spectra of compound **7bh**.

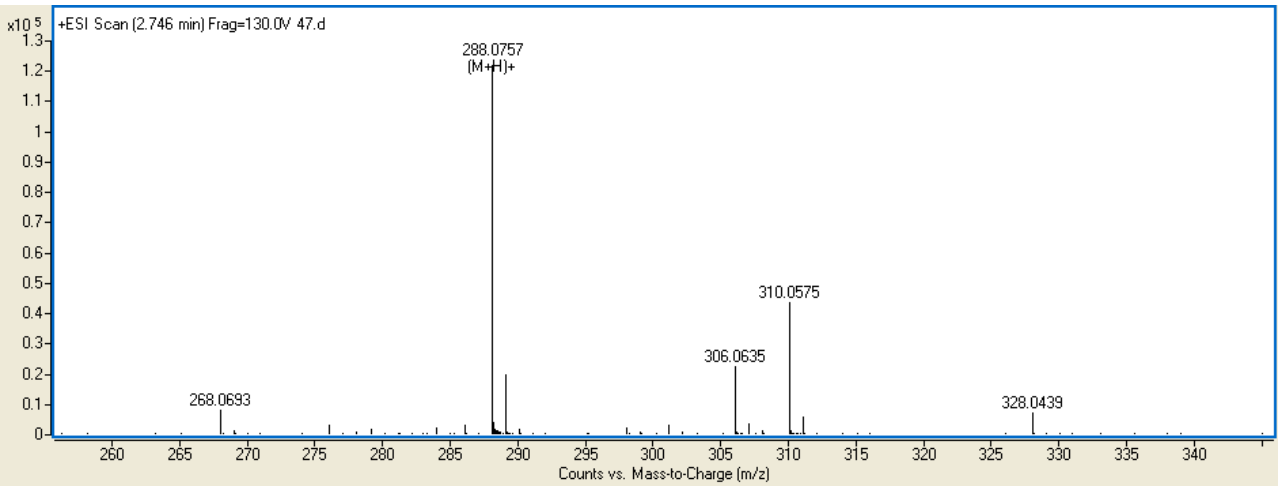


Figure S51. The HR-ESI-MS of compound **7bh**.

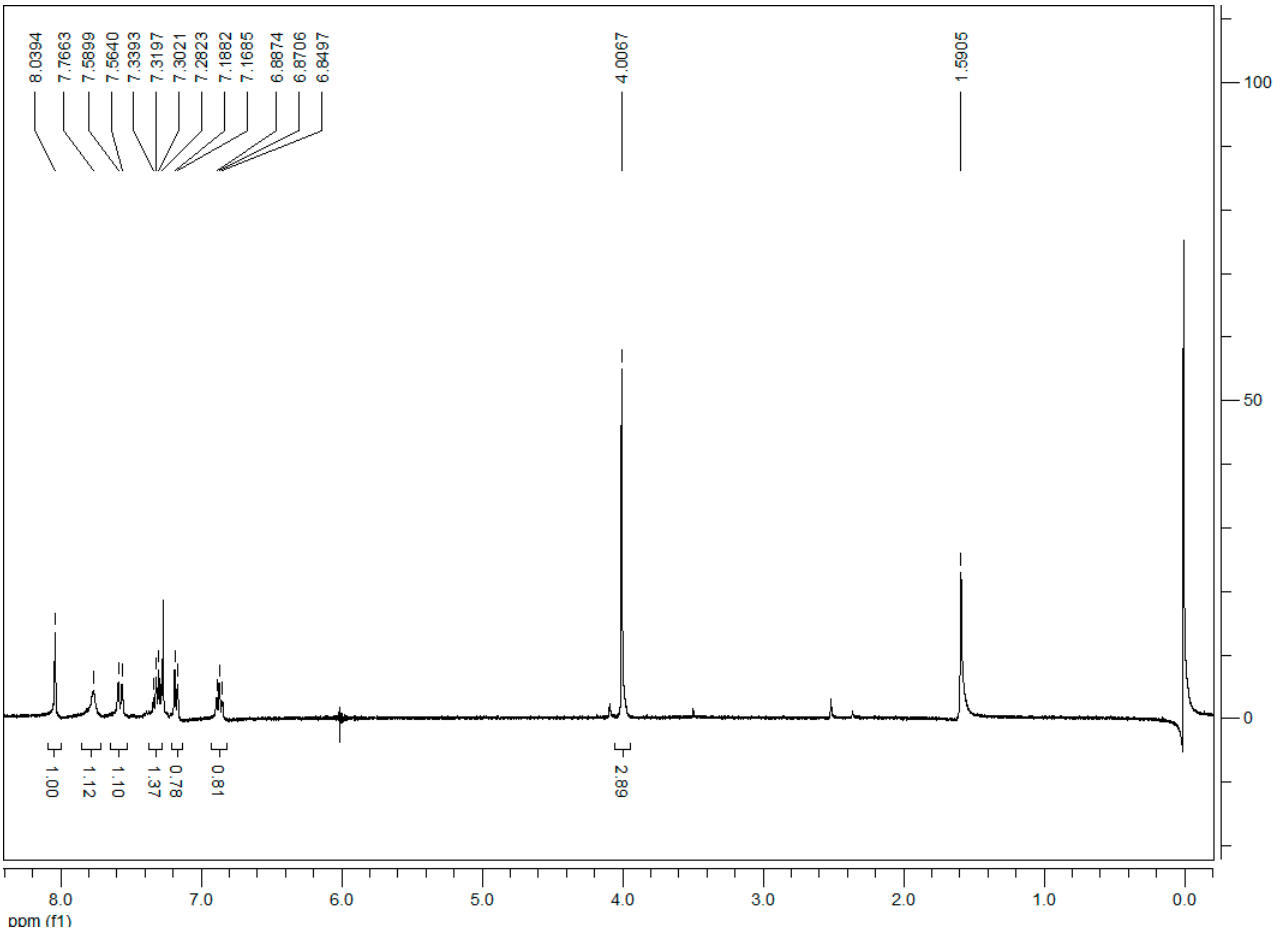


Figure S52. The ^{1}H-NMR ($CDCl_3$, 500 MHz) spectra of compound **7bi**.

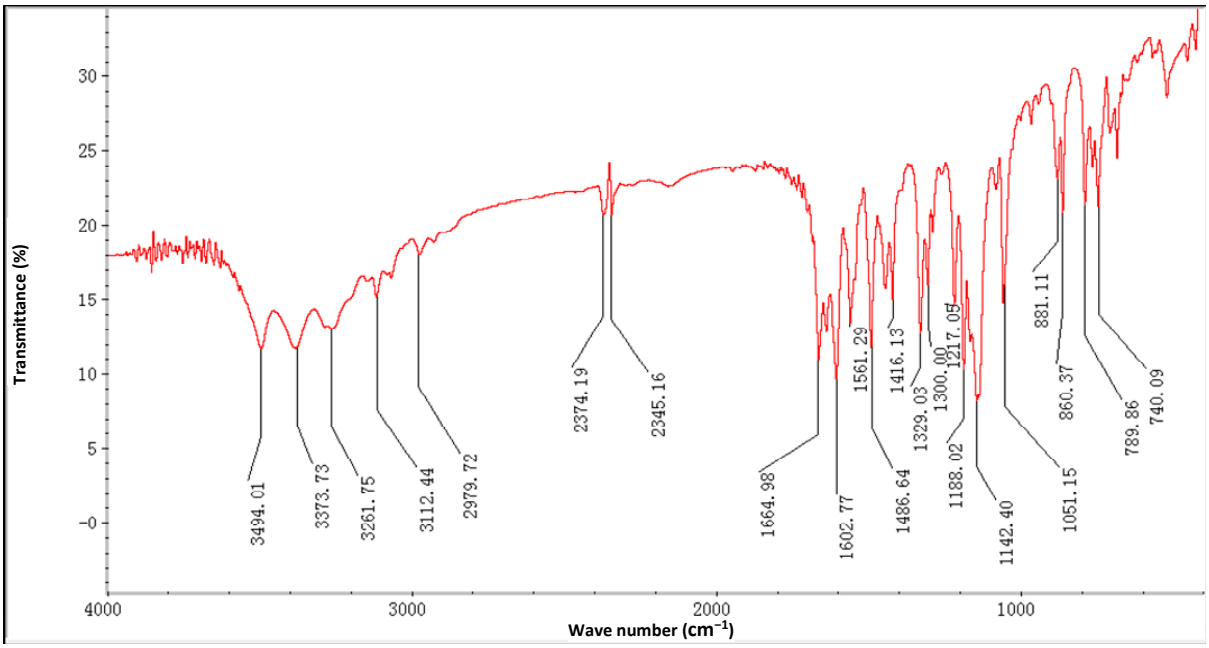


Figure S53. The IR spectra of compound **7bi**.

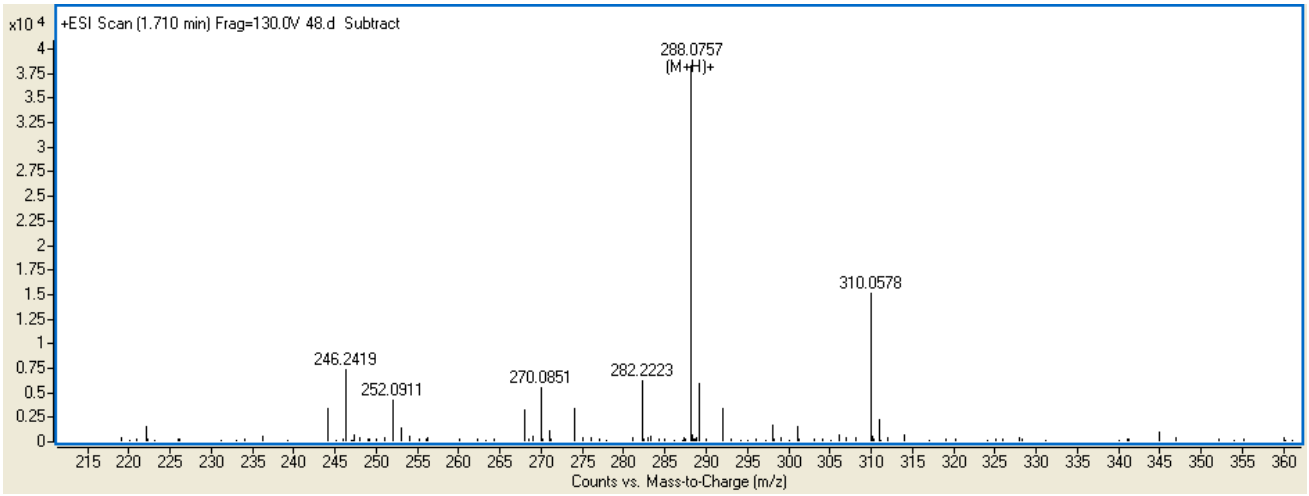


Figure S54. The HR-ESI-MS of compound **7bi**.

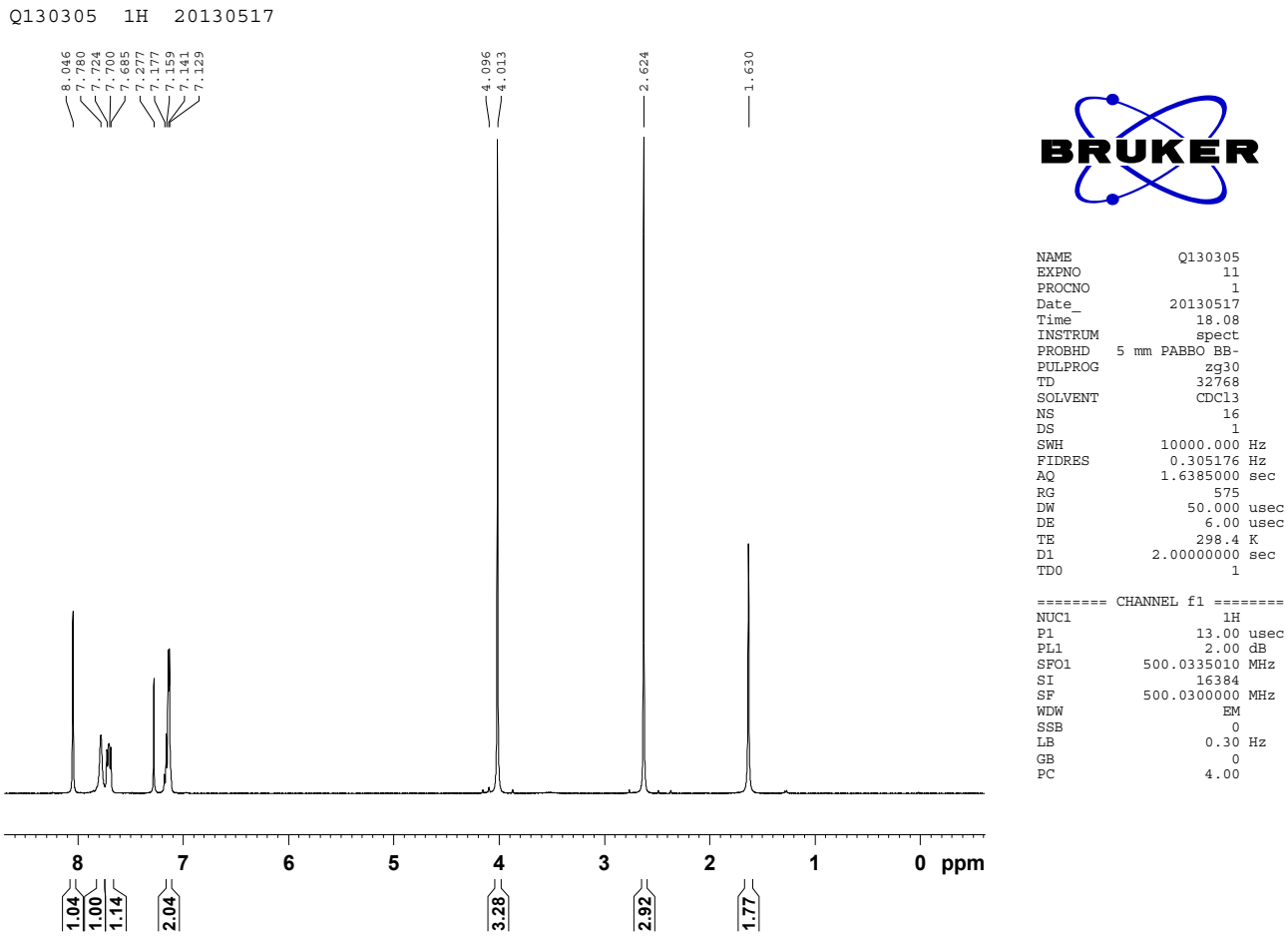


Figure S55. The ^{1}H-NMR ($CDCl_3$, 400 MHz) spectra of compound **7bj**.

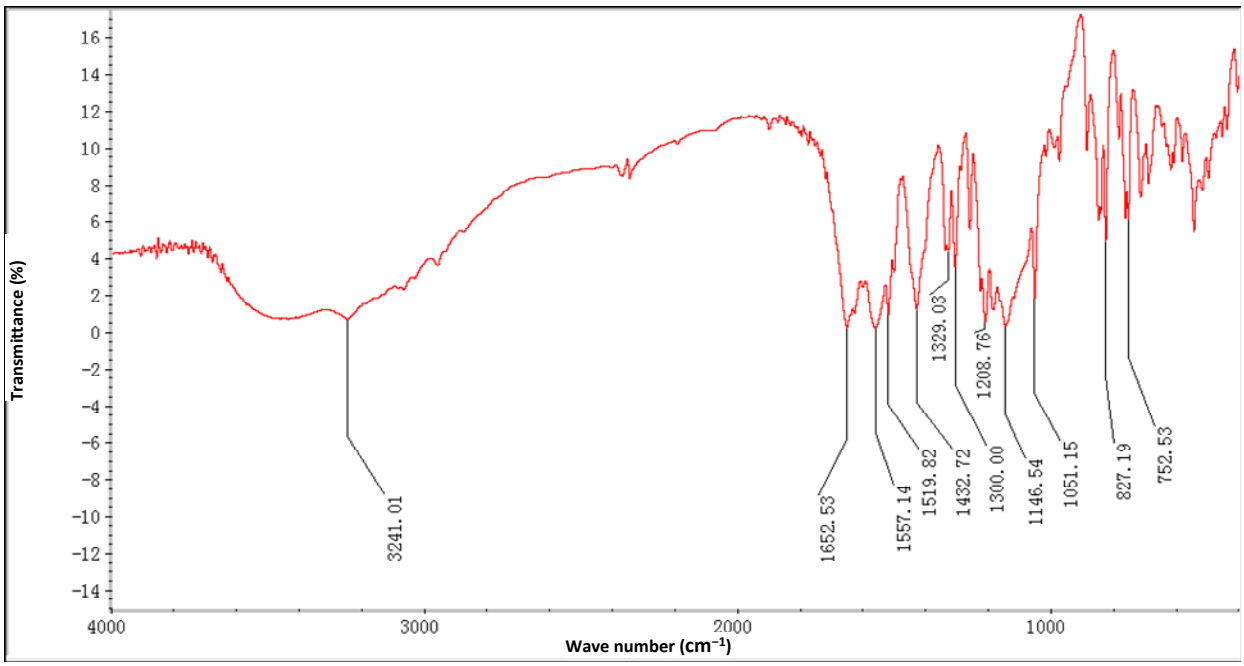


Figure S56. The IR spectra of compound **7bj**.

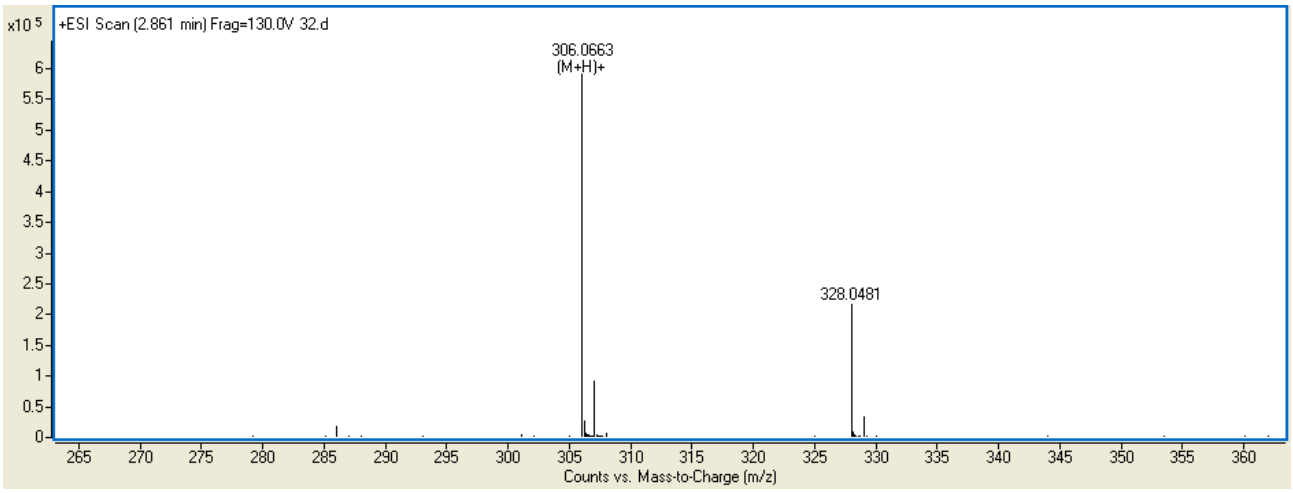


Figure S57. The HR-ESI-MS of compound **7bj**.

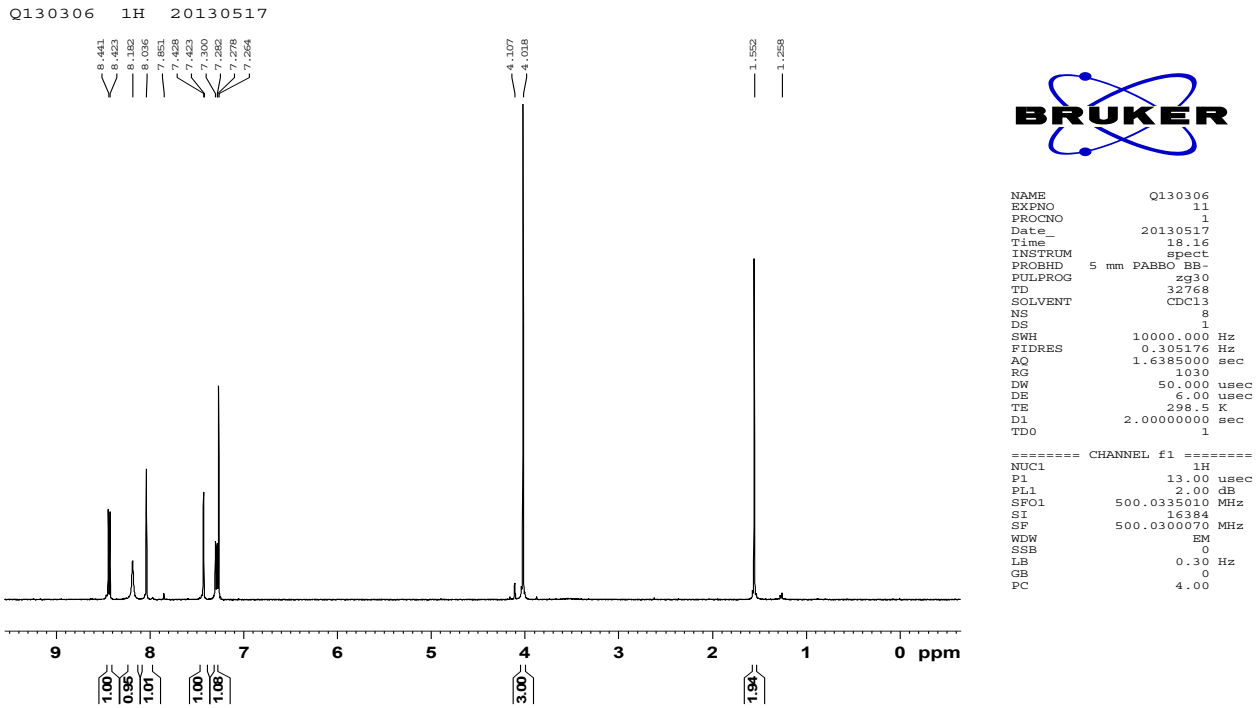


Figure S58. The ^{1}H-NMR ($CDCl_3$, 400 MHz) spectra of compound **7bk**.

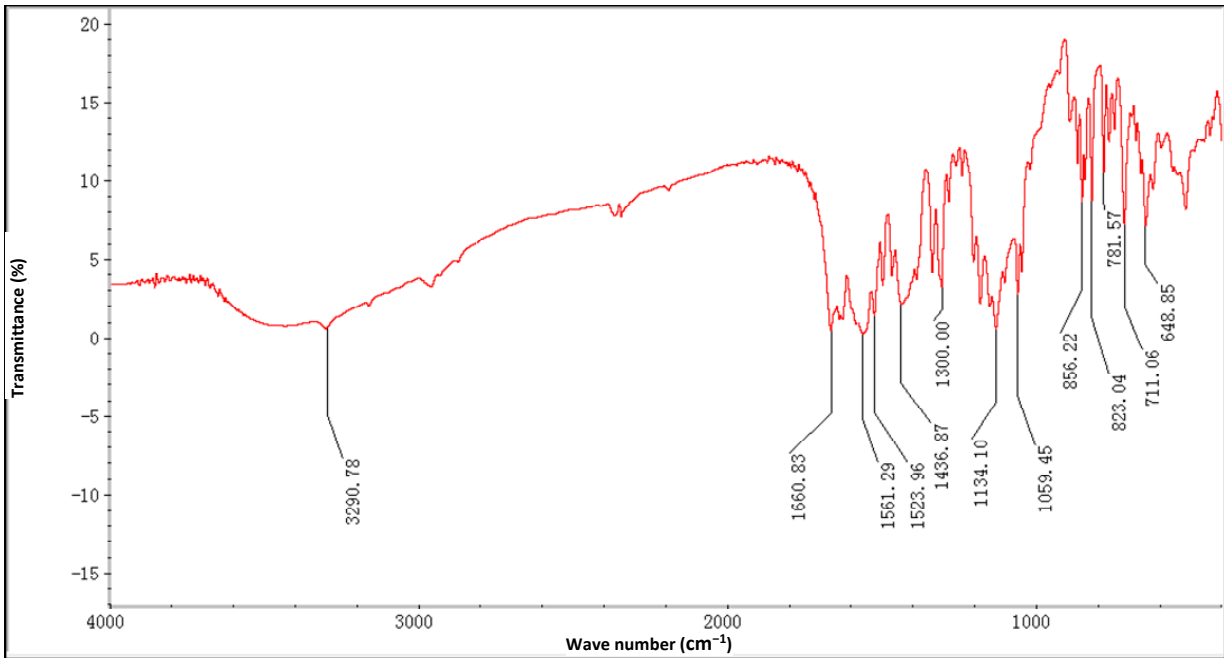


Figure S59. The IR spectra of compound **7bk**.

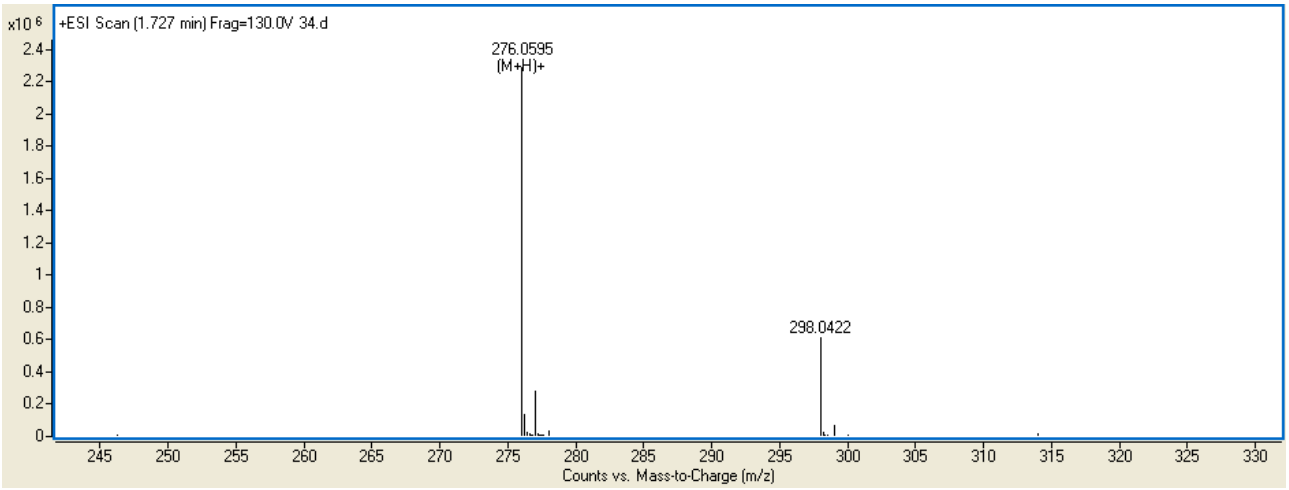


Figure S60. The HR-ESI-MS of compound **7bk**.