Supplementary materials

Synthesis of curcuminoids and evaluation of their cytotoxic and antioxidant properties

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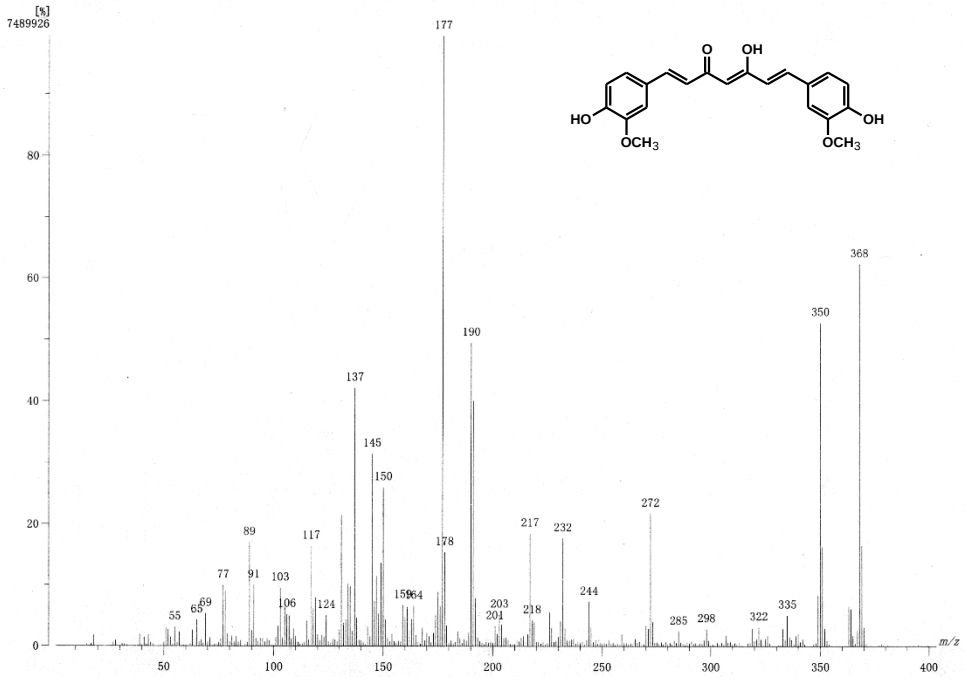
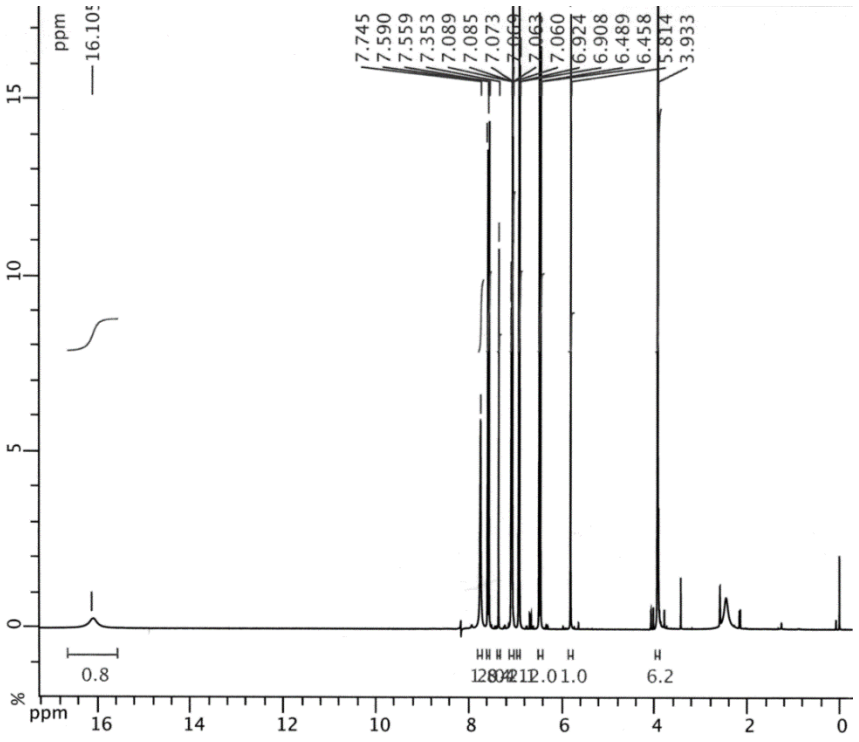
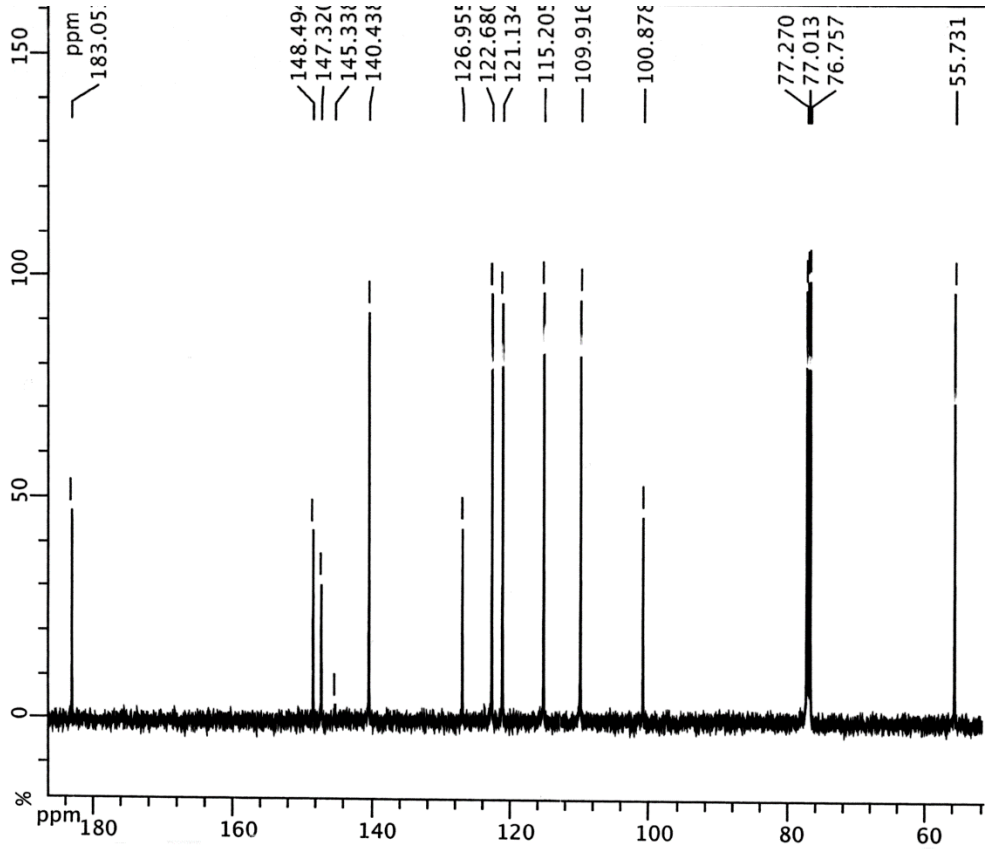


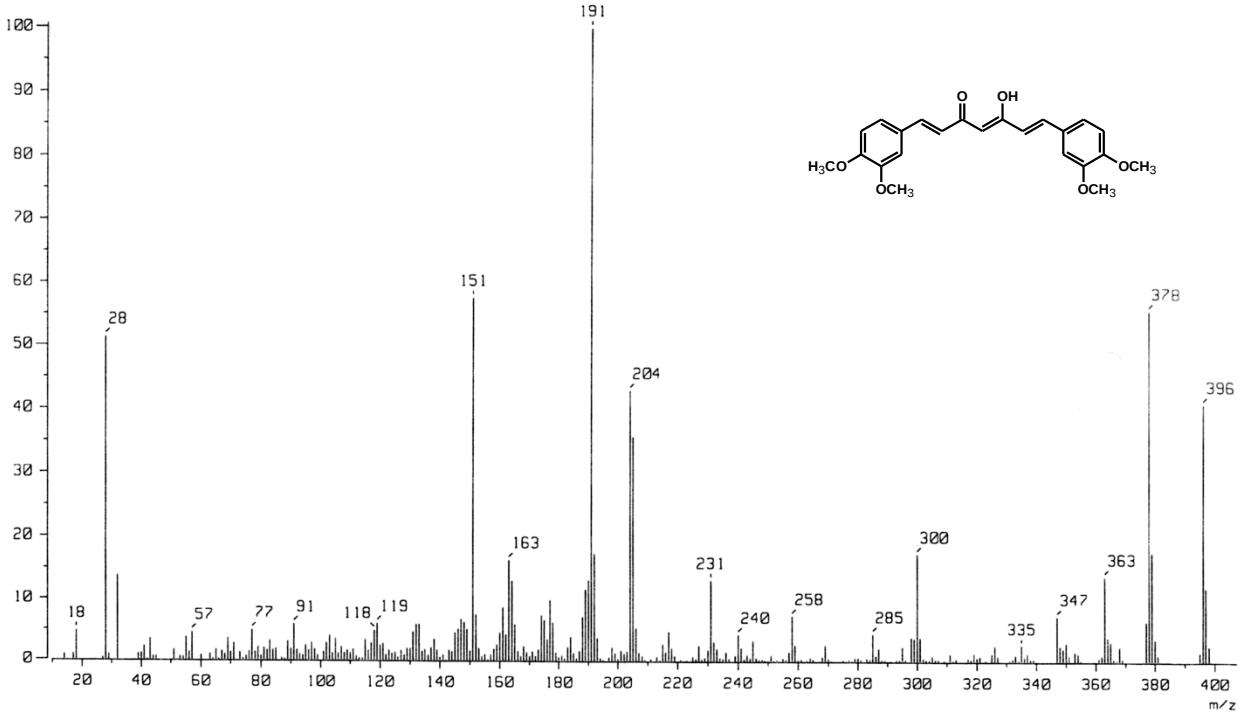
S1. Mass spectrum of compound 1 recorded in a MStation equipment by direct inlet and EI mode ion detection.



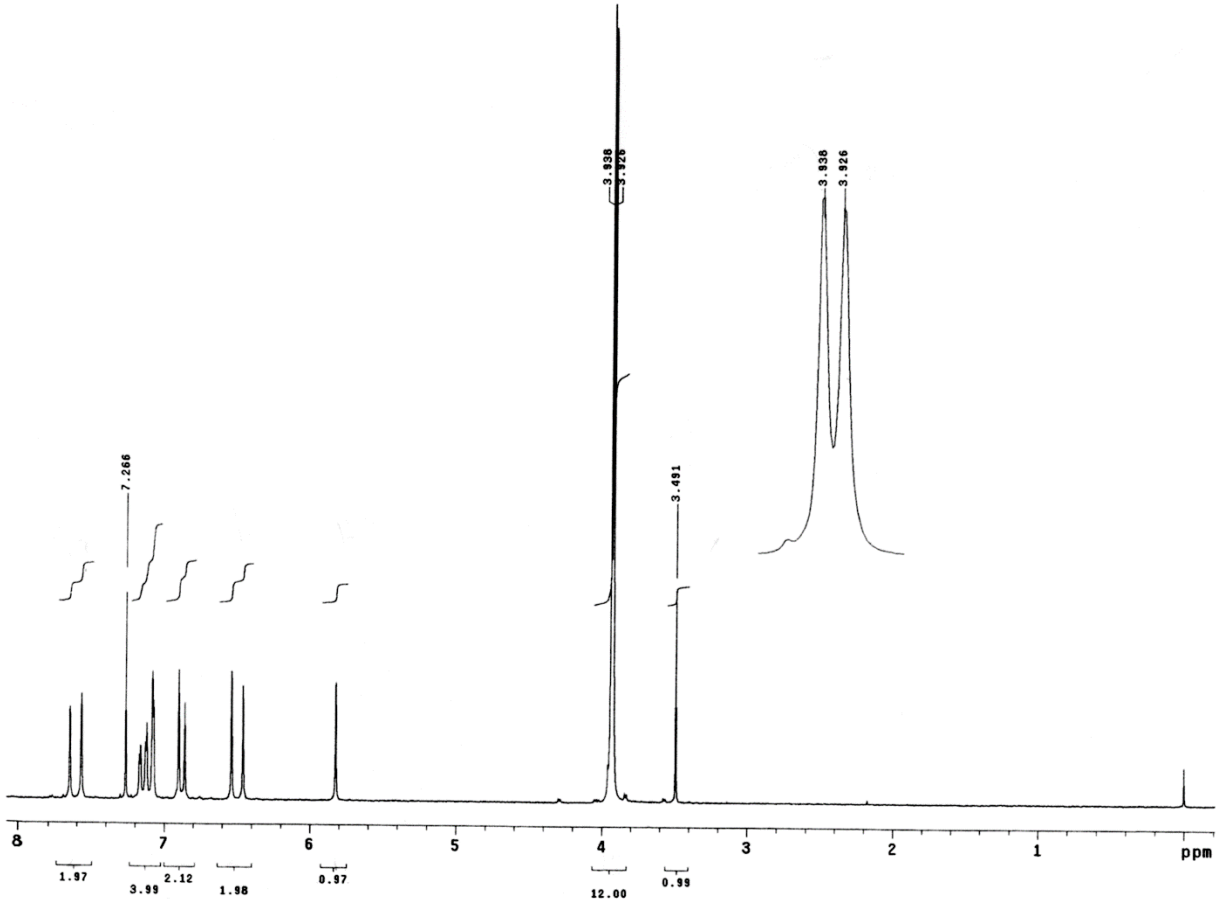
S2. NMR ^{1}H spectrum of compound **1** recorded in a Bruker 500 MHz and $CDCl_3$ as solvent.



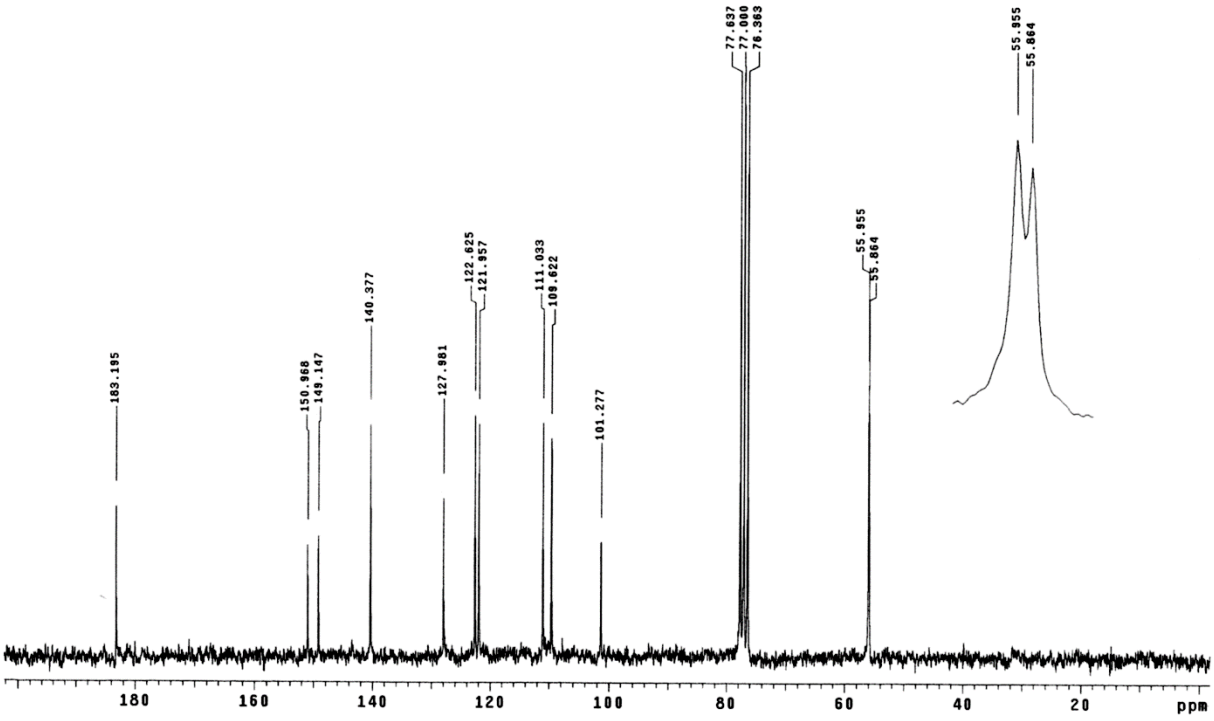
S3. NMR ^{13}C spectrum of compound **1** recorded in a Bruker 500 MHz and $CDCl_3$ as solvent.



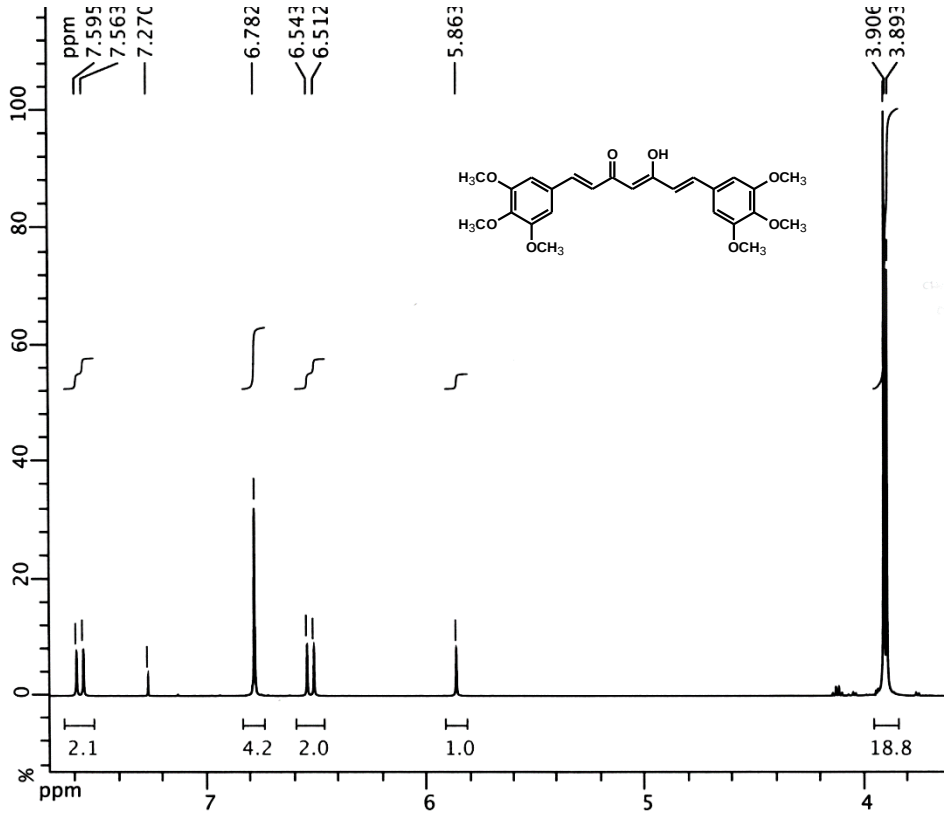
S4. Mass spectrum of compound **2** recorded in a Jeol JMS-AX505HA equipment by direct inlet and EI mode ion detection.



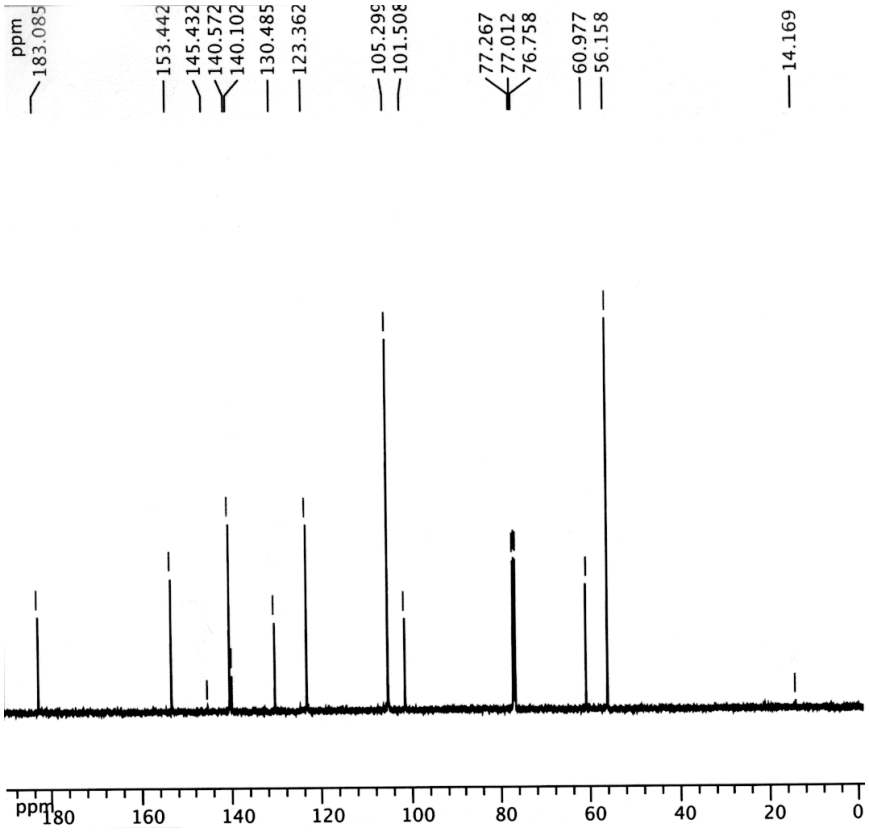
S5. NMR ^{1}H spectrum of compound **2** recorded in a Gemini 200 MHz of Varian and $CDCl_3$ as solvent.



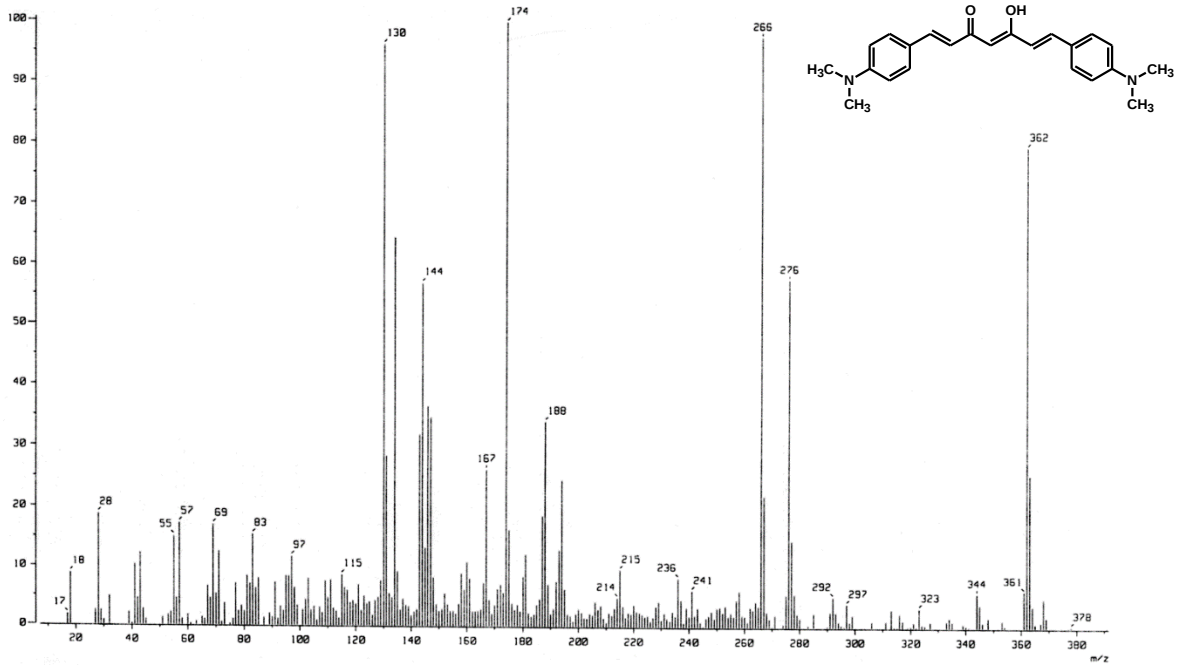
S6. NMR ^{13}C spectrum of compound **2** recorded in a Gemini 200 MHz of Varian and $CDCl_3$ as solvent.



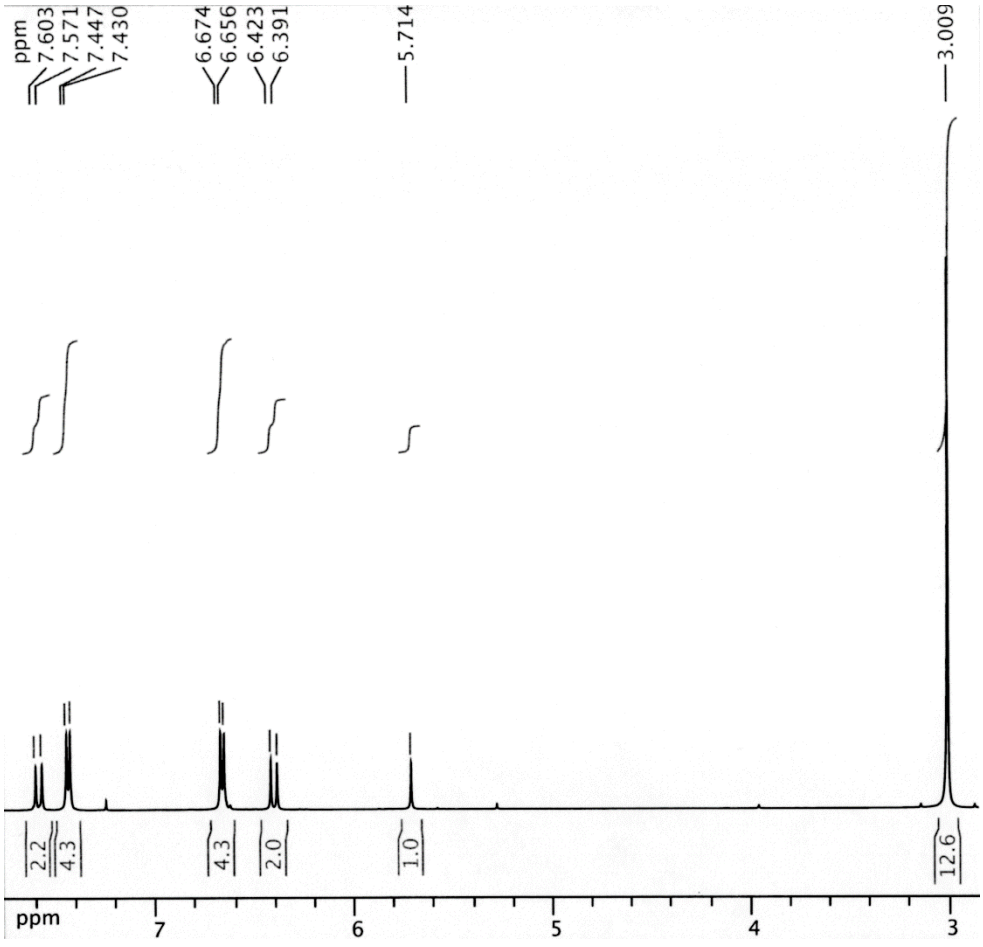
S7. NMR ^{1}H spectrum of compound **3** recorded in a Bruker 500 MHz and $CDCl_3$ as solvent.



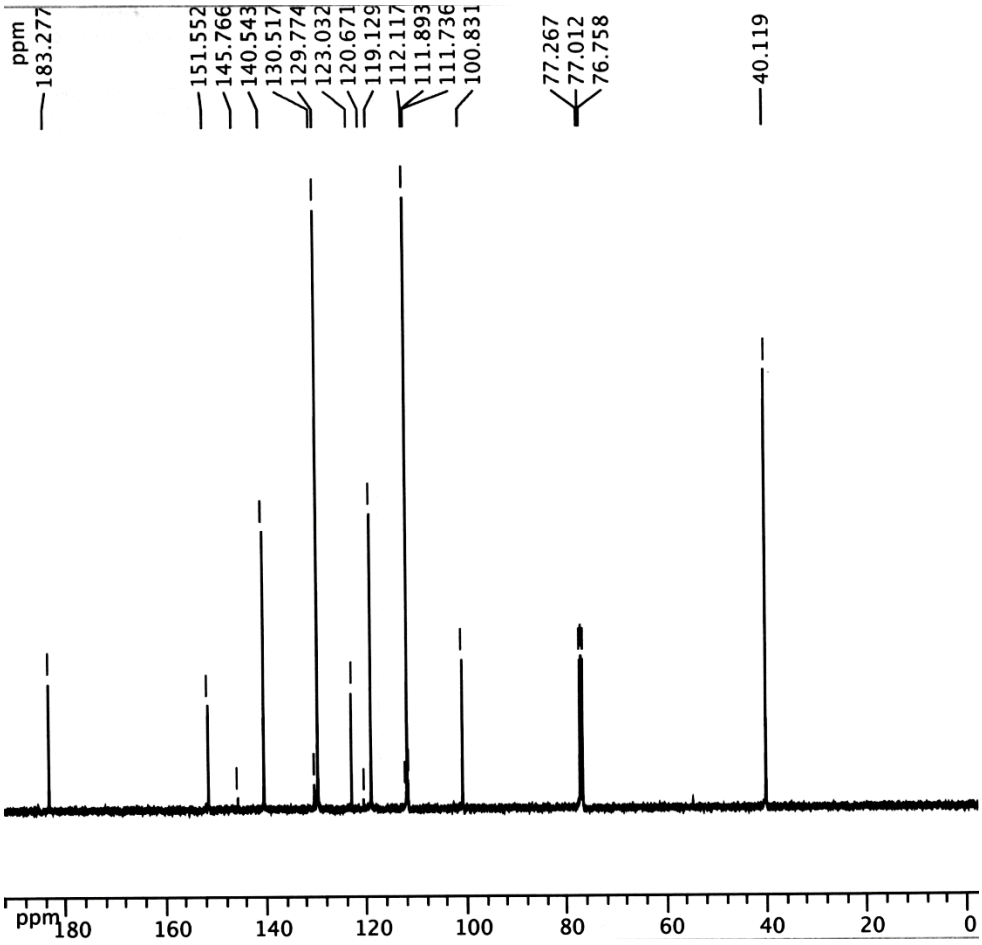
S8. NMR ^{13}C spectrum of compound **3** recorded in a Bruker 500 MHz and $CDCl_3$ as solvent.



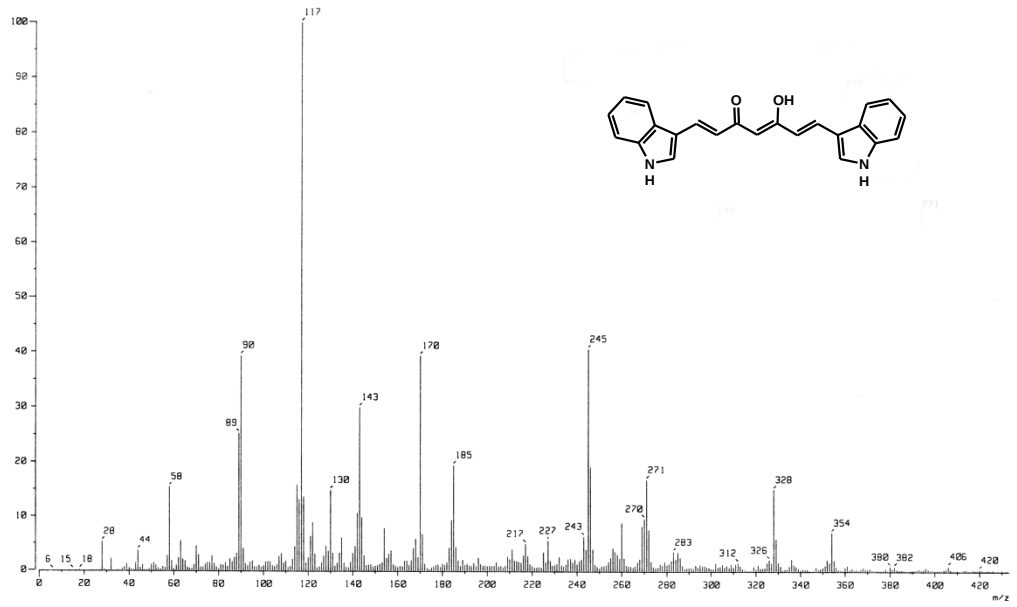
S9. Mass spectrum of compound **4** recorded in a Jeol JMS-AX505HA equipment by direct inlet and EI mode ion detection.



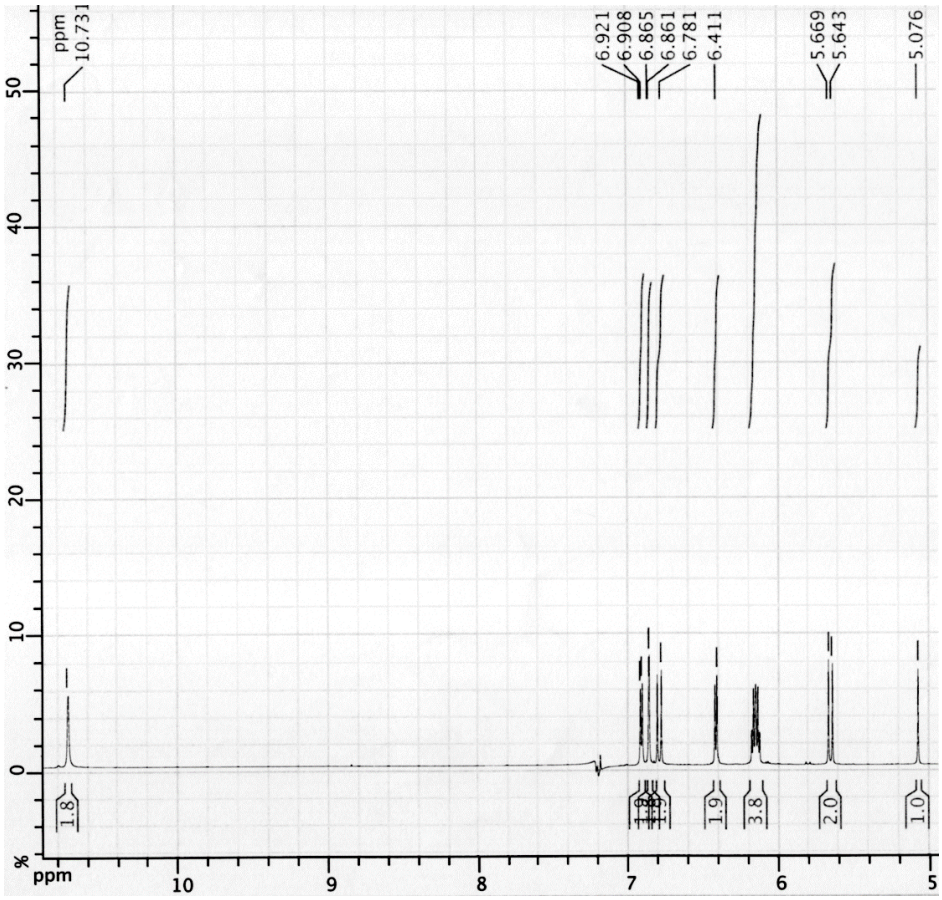
S10. NMR ^{1}H spectrum of compound **4** recorded in a Bruker 500 MHz and $CDCl_3$ as solvent.



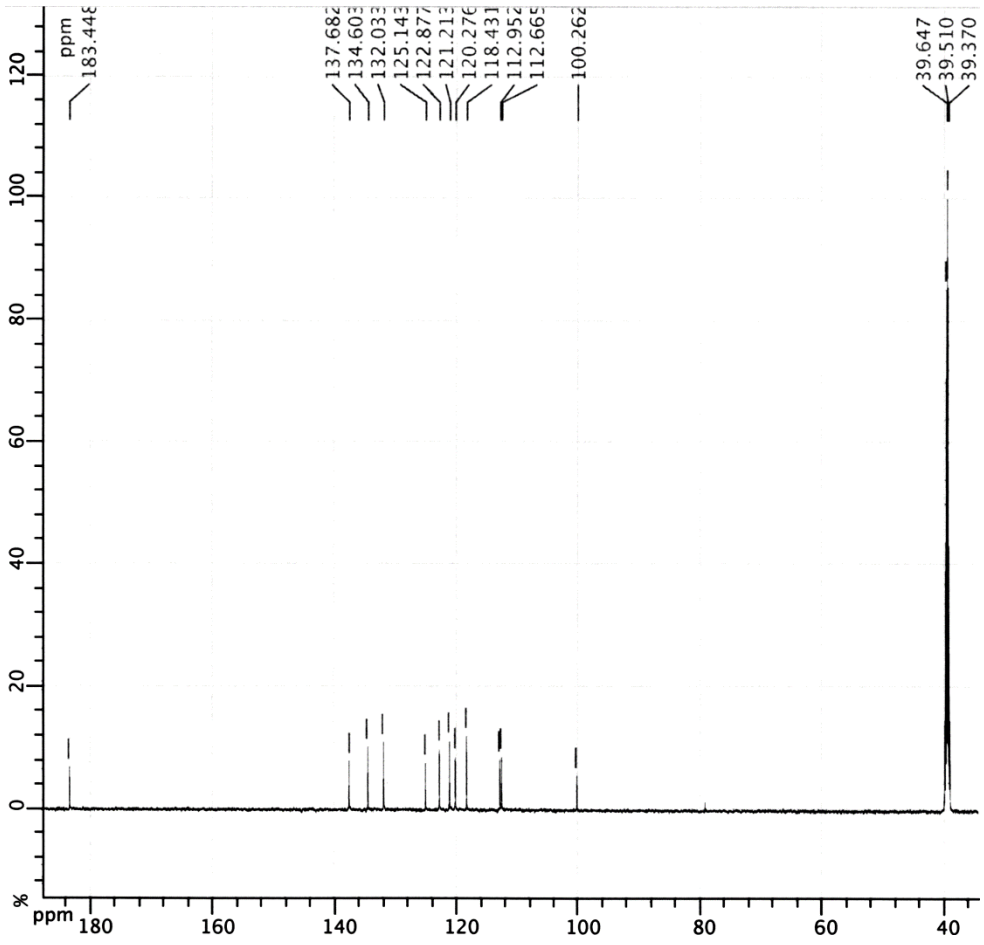
S11. NMR ^{13}C spectrum of compound **4** recorded in a Bruker 500 MHz and $CDCl_3$ as solvent.



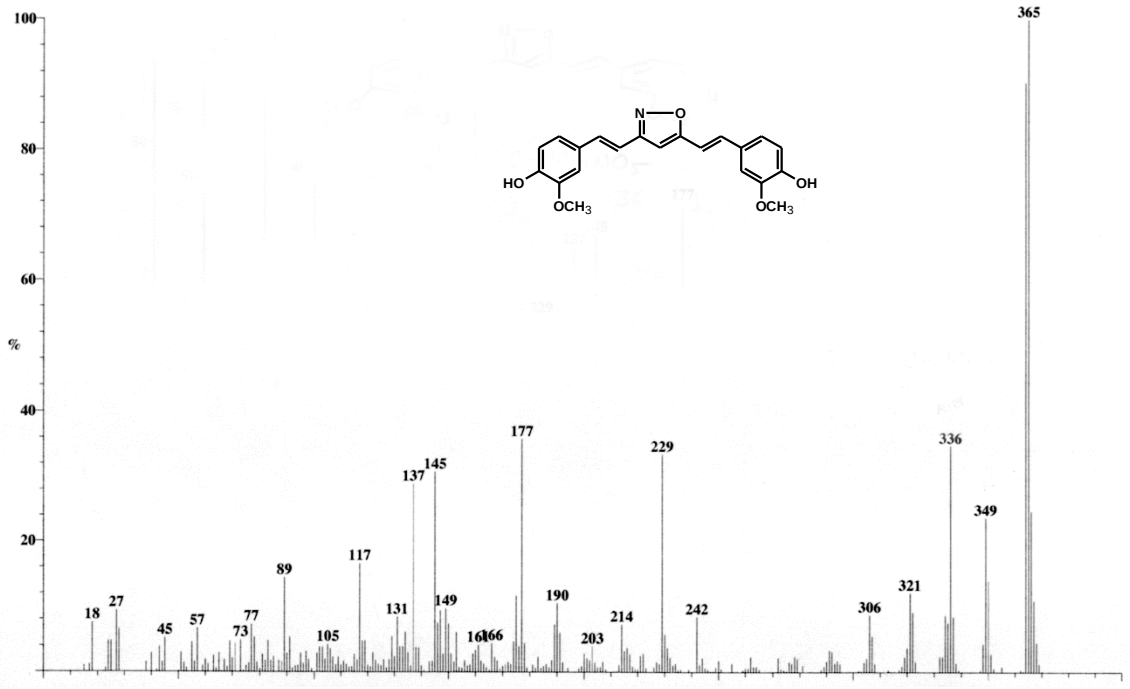
S12. Mass spectrum of compound **5** recorded in a Jeol JMS-AX505HA equipment by direct inlet and EI mode ion detection.



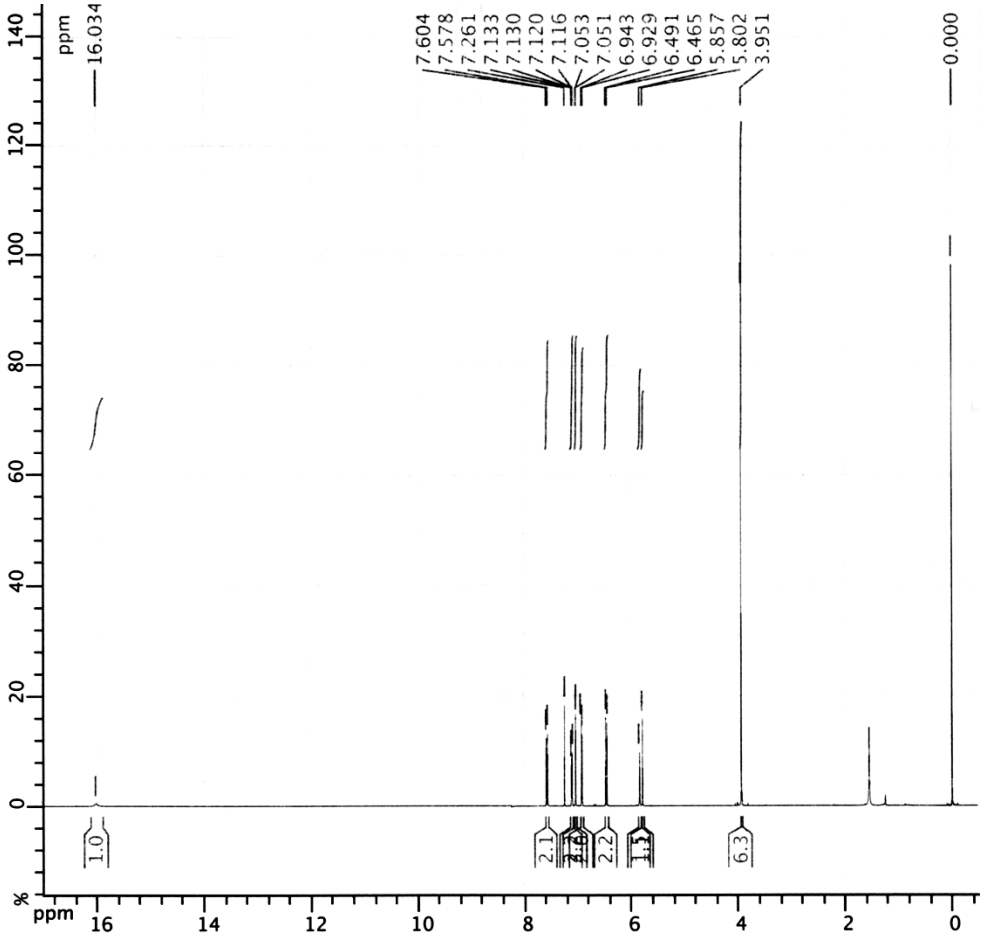
S13. NMR ^{1}H spectrum of compound **5** recorded in a Varian 600 MHz and DMSO as solvent.



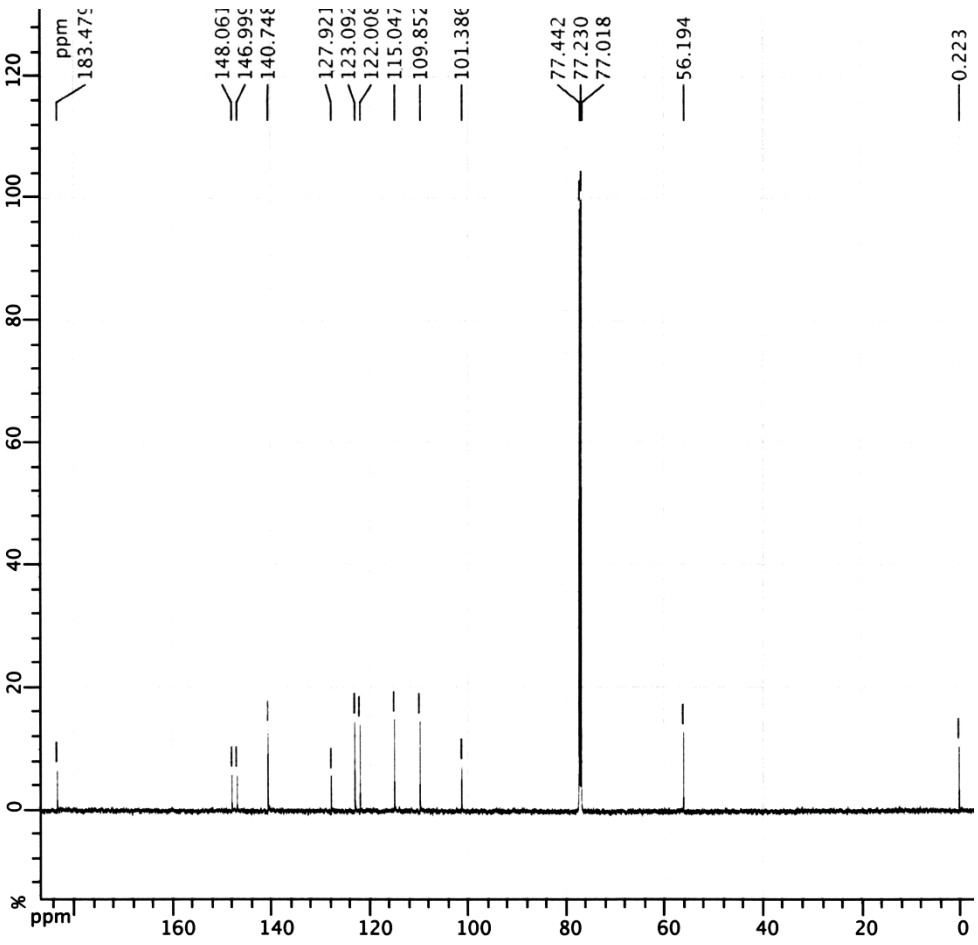
S14. NMR ^{13}C spectrum of compound **5** recorded in a Varian 600 MHz and DMSO as solvent.



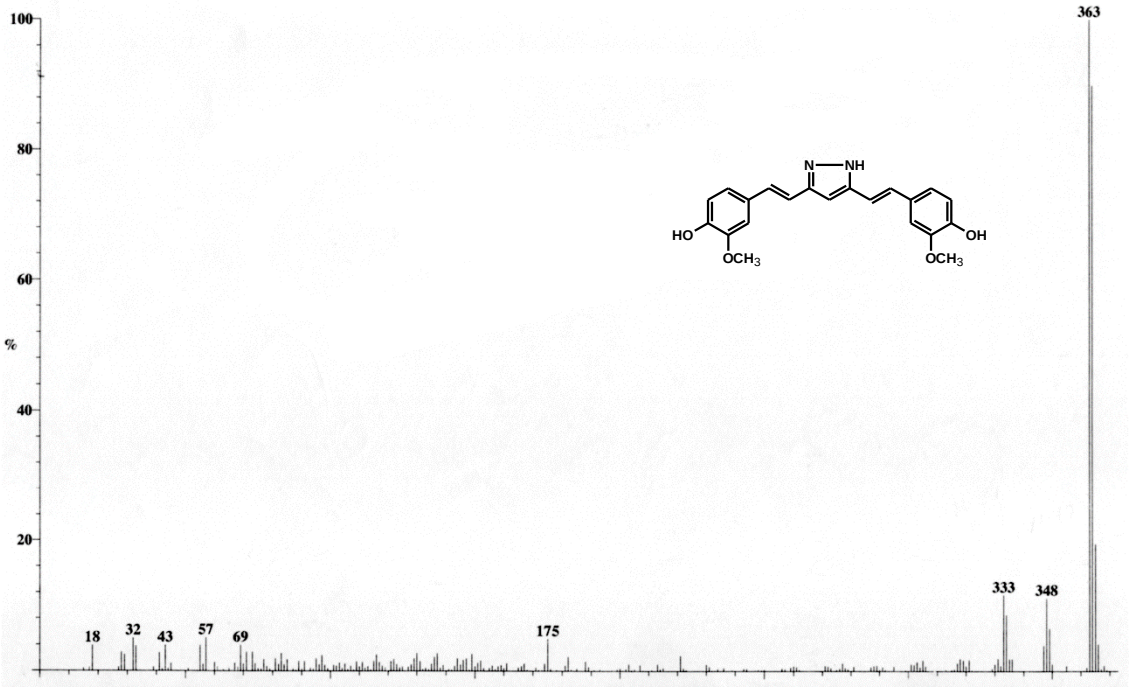
S15. Mass spectrum of compound **6** in a JEOL GCmate equipment by direct inlet and EI mode ion detection.



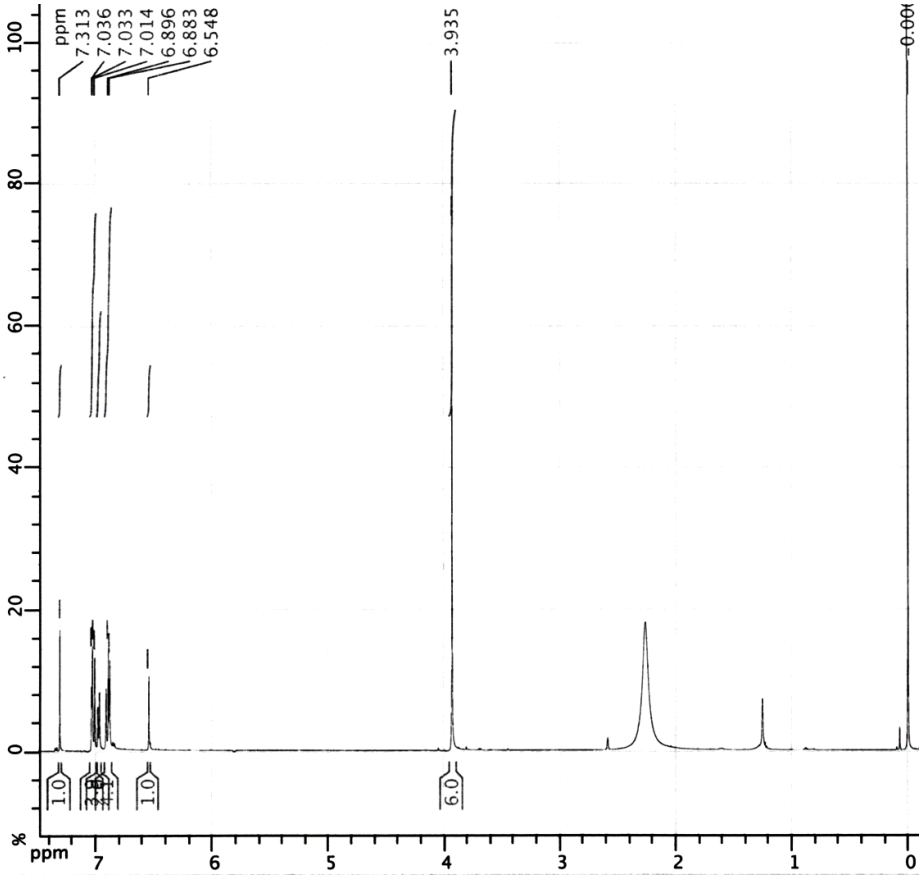
S16. NMR ^{1}H spectrum of compound **6** recorded in a Varian 600 MHz and $CDCl_3$ as a solvent.



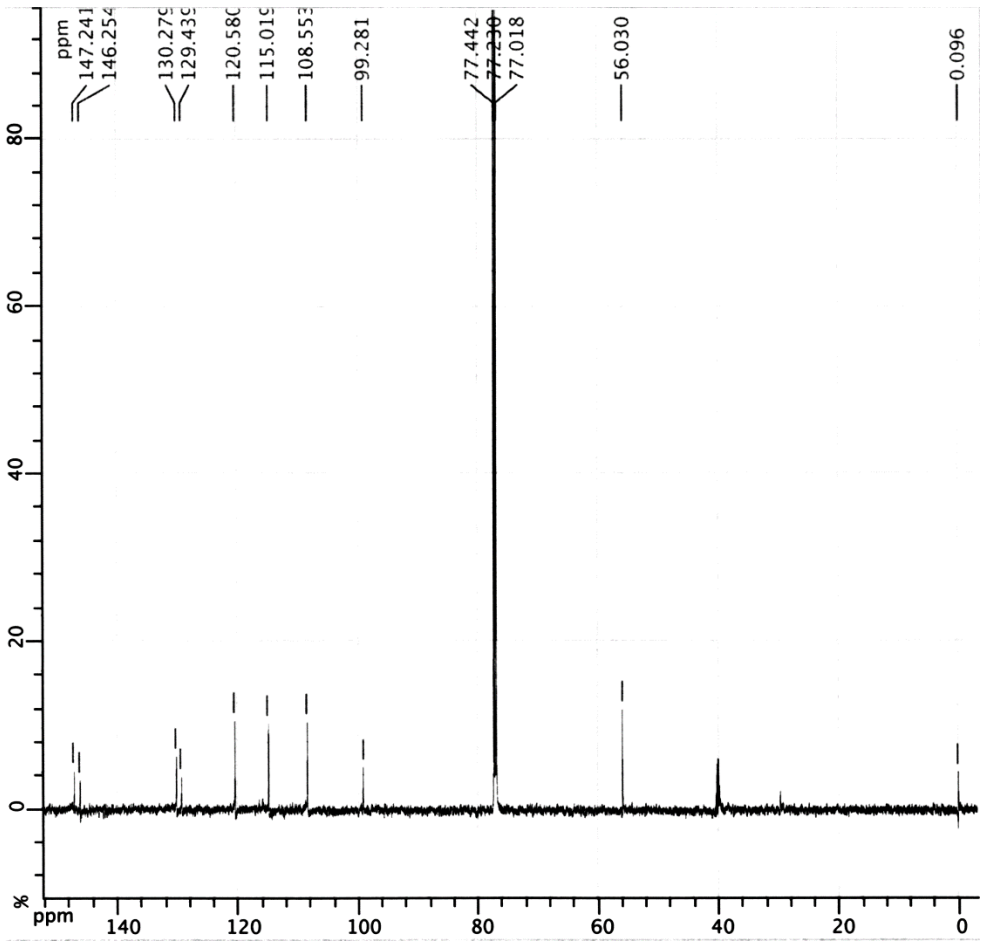
S17. NMR ^{13}C spectrum of compound **6** recorded in a Varian 600 MHz and $CDCl_3$ as solvent.



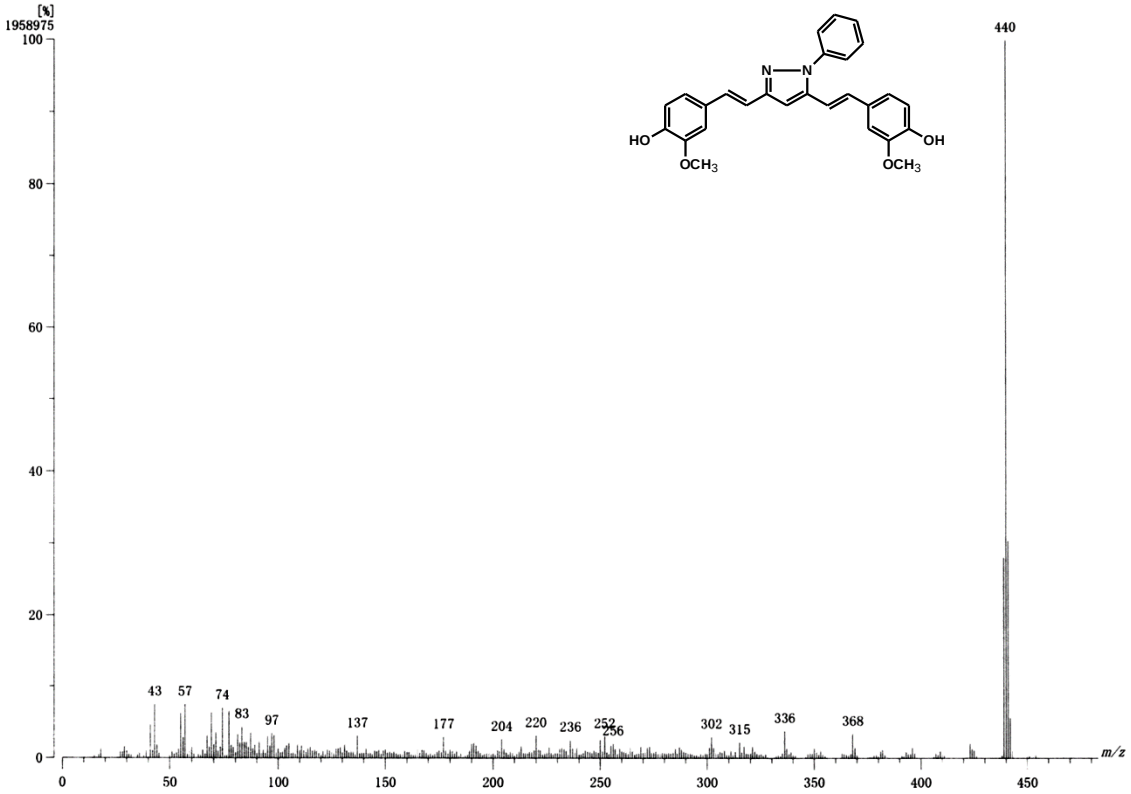
S18. Mass spectrum of compound **7** in a JEOL GCmate equipment by direct inlet and EI mode ion detection.



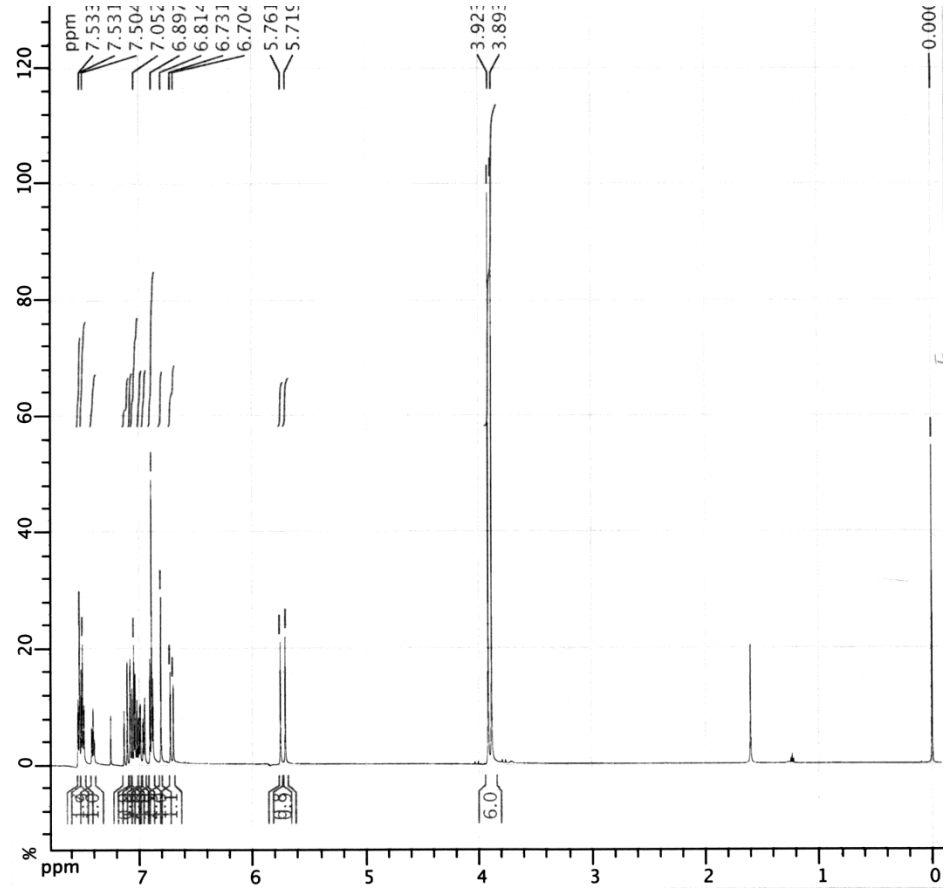
S19. NMR ^{1}H spectrum of compound **7** recorded in a Varian 600 MHz and $CDCl_3$ as solvent.



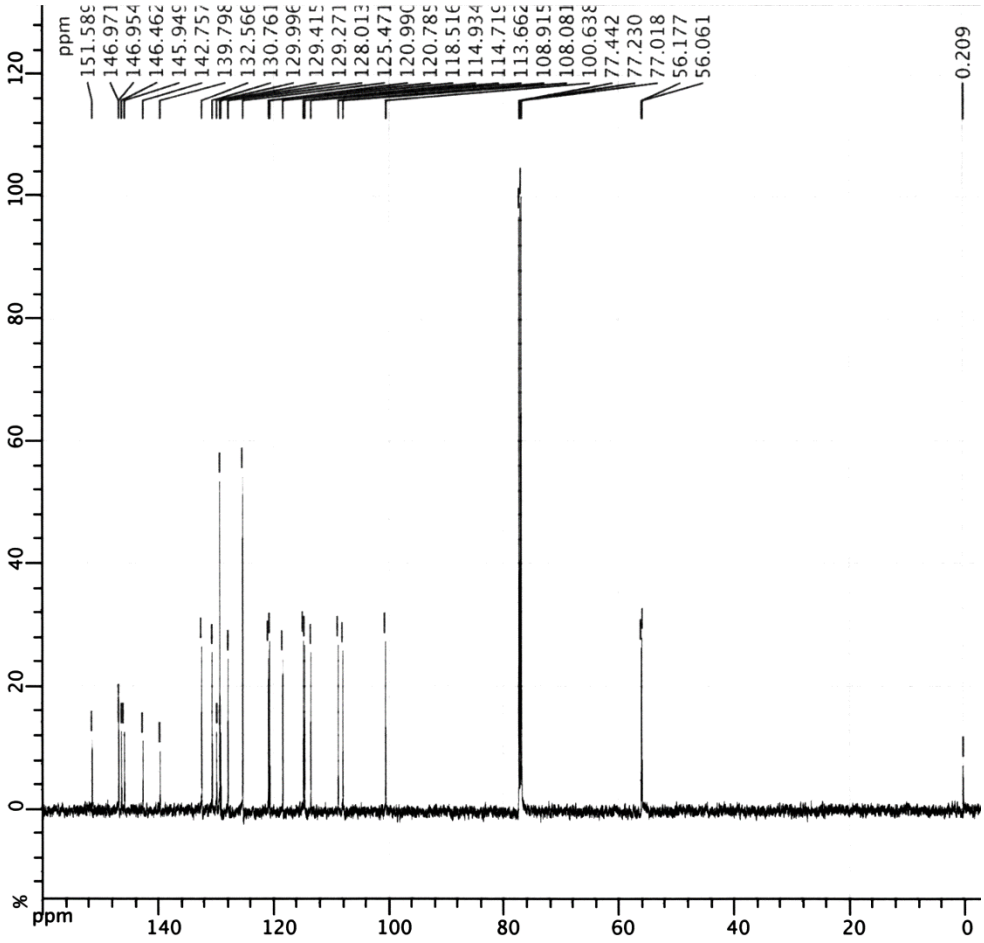
S20. NMR ^{13}C spectrum of compound **7** recorded in a Varian 600 MHz and $CDCl_3$ as solvent.



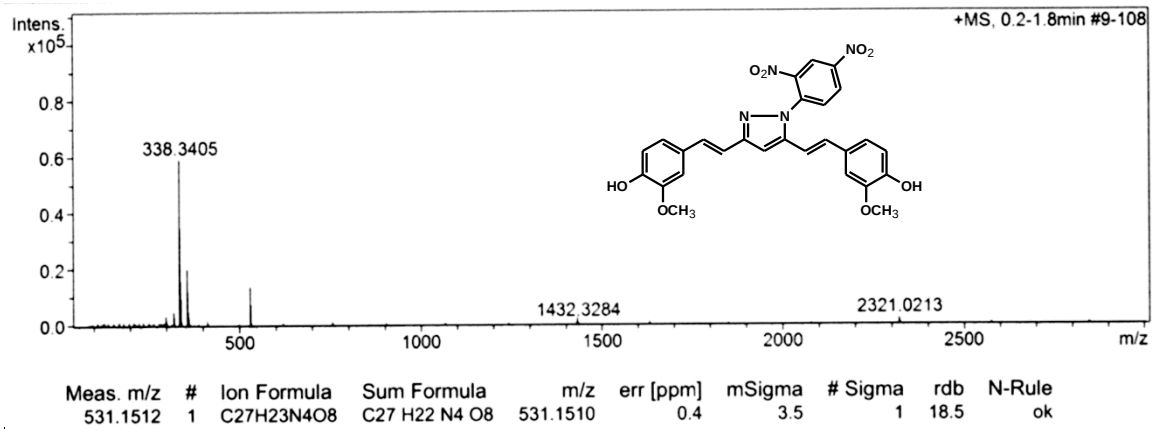
S21. Mass spectrum of compound **8** recorded in an MStation equipment by direct inlet and EI mode ion detection.



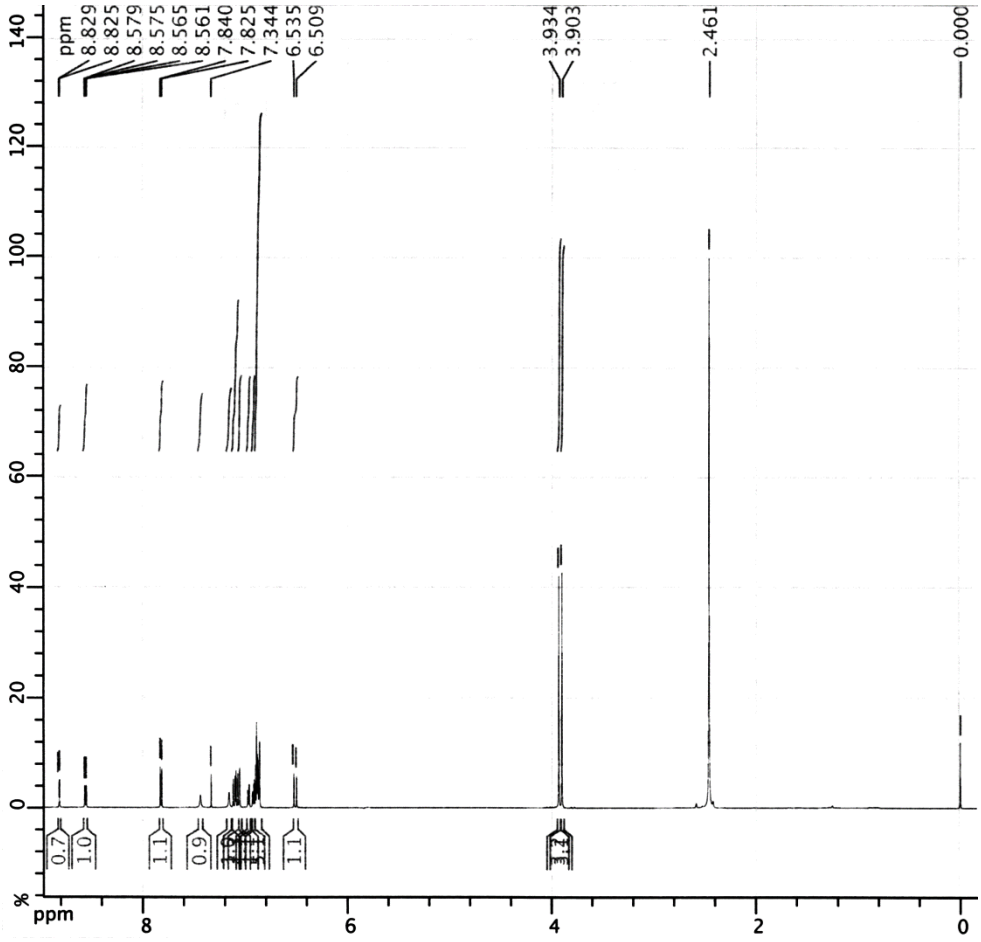
S22. NMR ^{1}H spectrum of compound **8** recorded in a Varian 600 MHz and $CDCl_3$ as solvent.



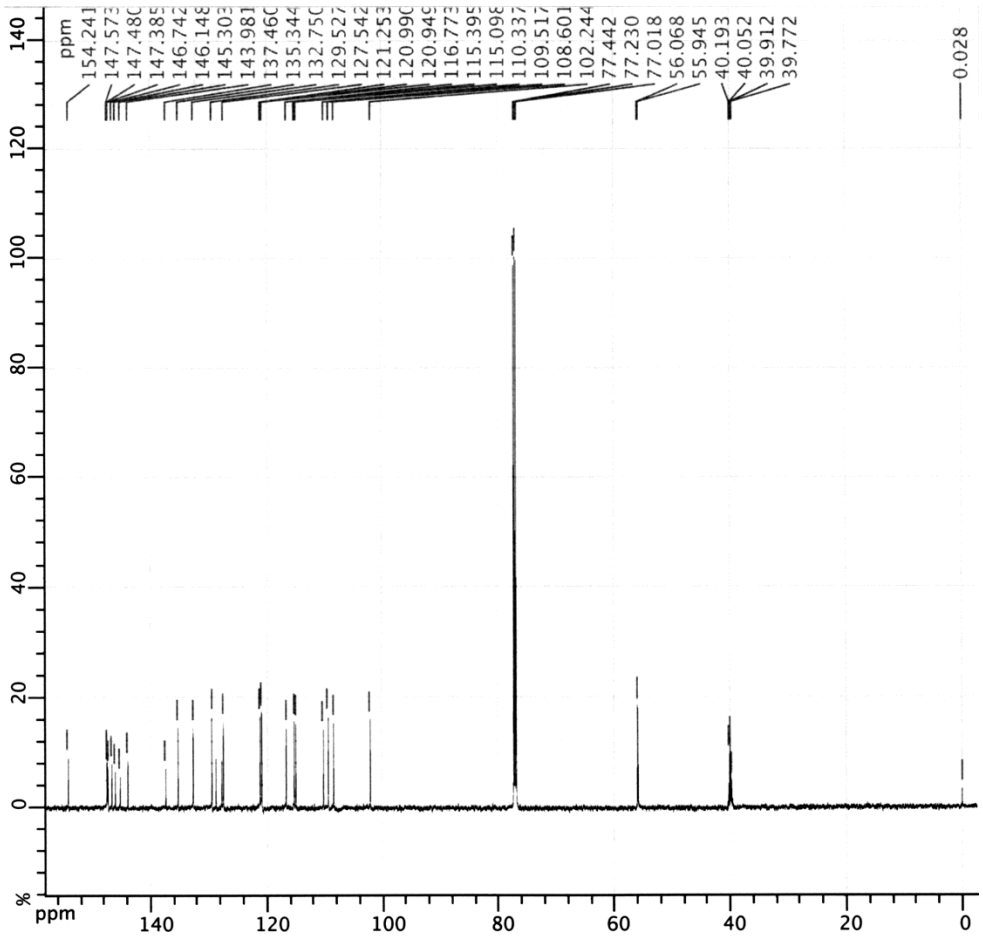
S23. NMR ^{13}C spectrum of compound **8** recorded in a Varian 600 MHz and $CDCl_3$ as solvent.



S24. Mass spectrum of compound **9** recorded in a micrOTOF equipment and ESI mode ion detection.

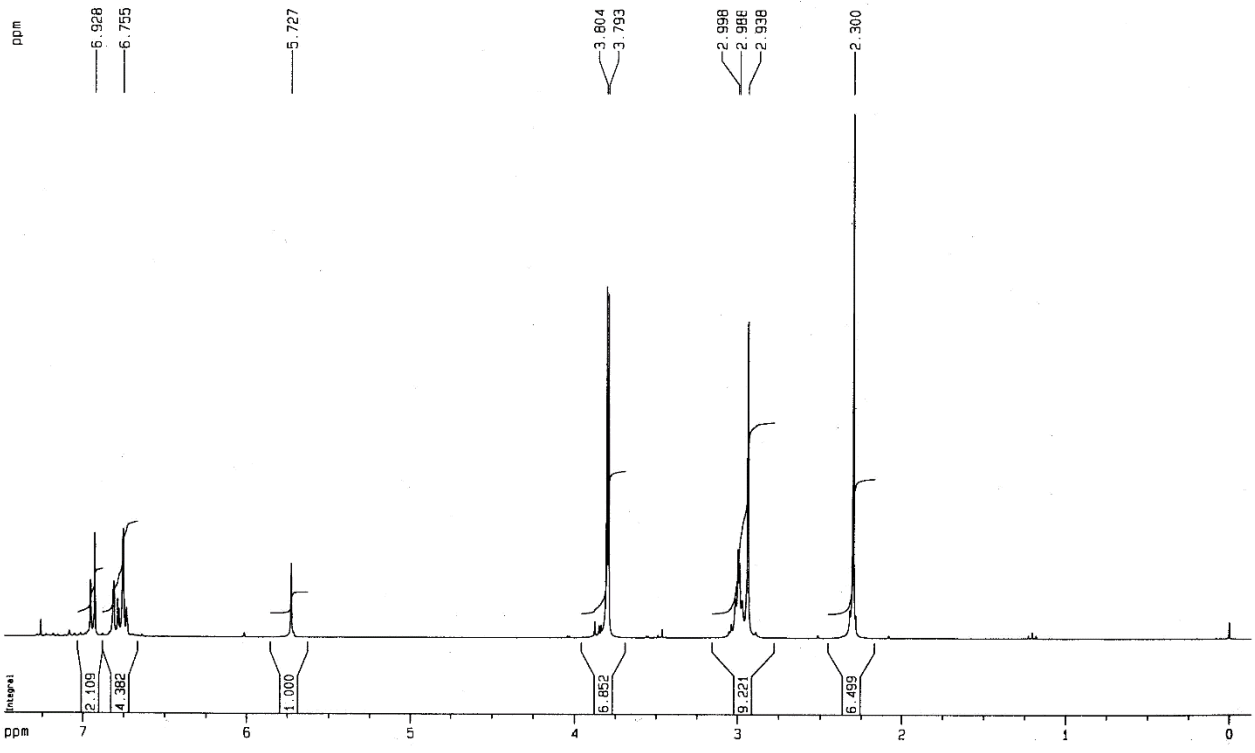


S25. NMR ^{1}H spectrum of compound **9** recorded in a Varian 600 MHz and $CDCl_3$ as solvent.

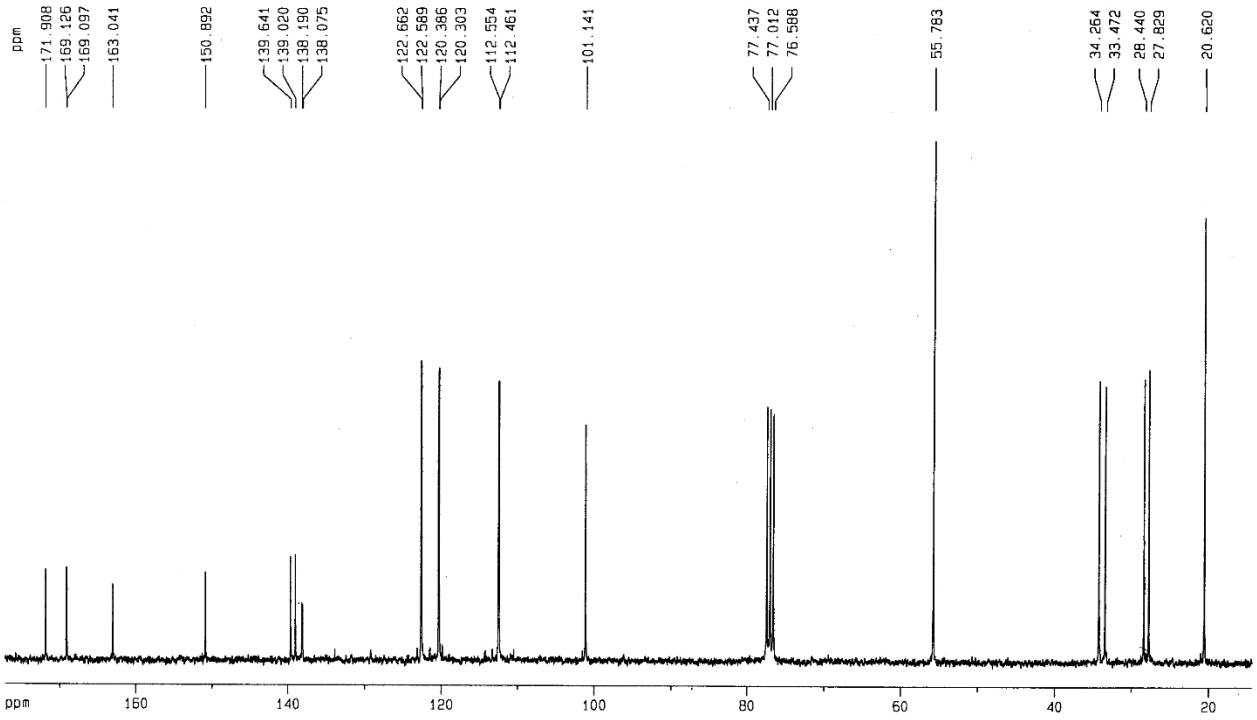


S26. NMR ^{13}C spectrum of compound **9** recorded in a Varian 600 MHz and $CDCl_3$ as solvent.

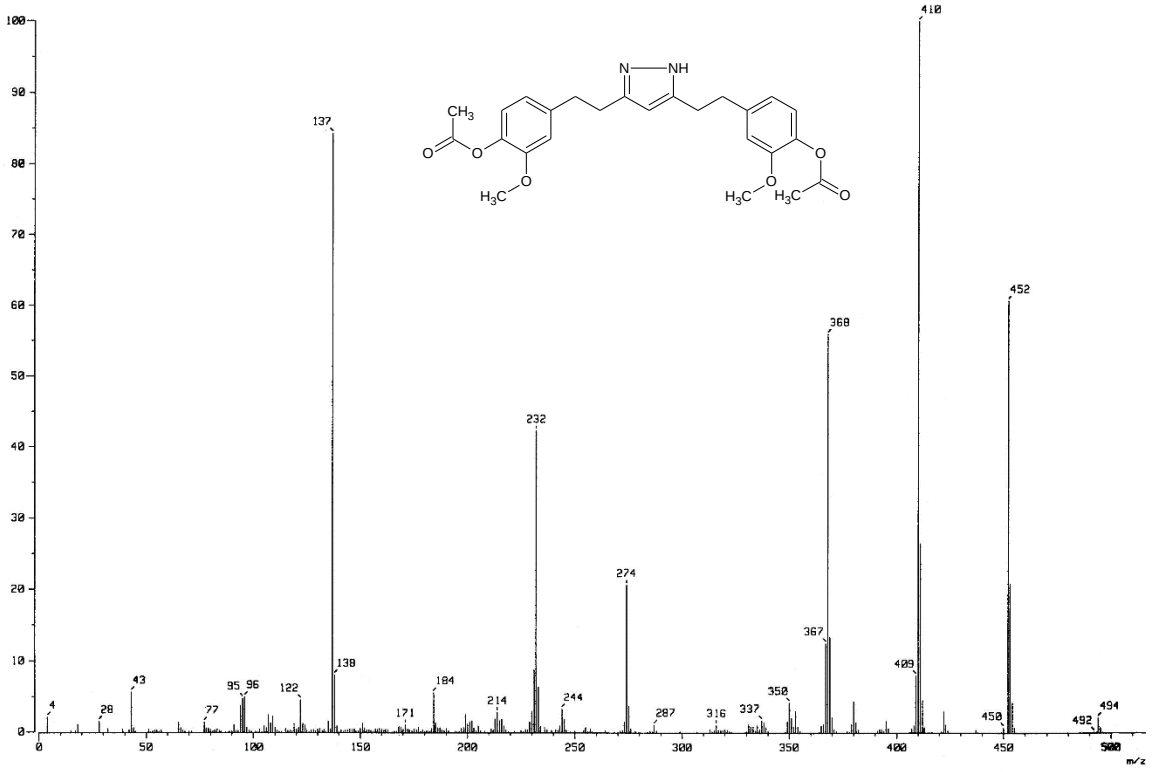
S27. Mass spectrum of compound **10** recorded in a Jeol JMS-AX505HA equipment by direct inlet and EI mode ion detection.



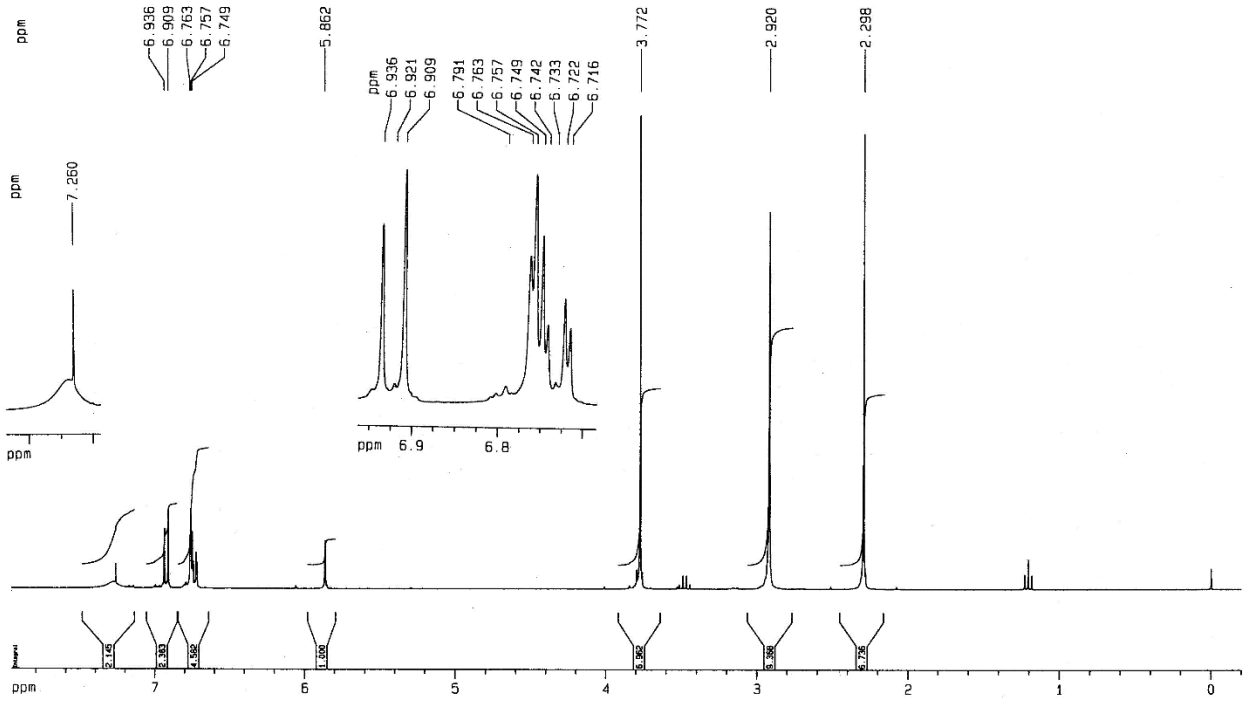
S28. NMR ^{1}H spectrum of compound **10** recorded in a Bruker 300 MHz and $CDCl_3$ as solvent.



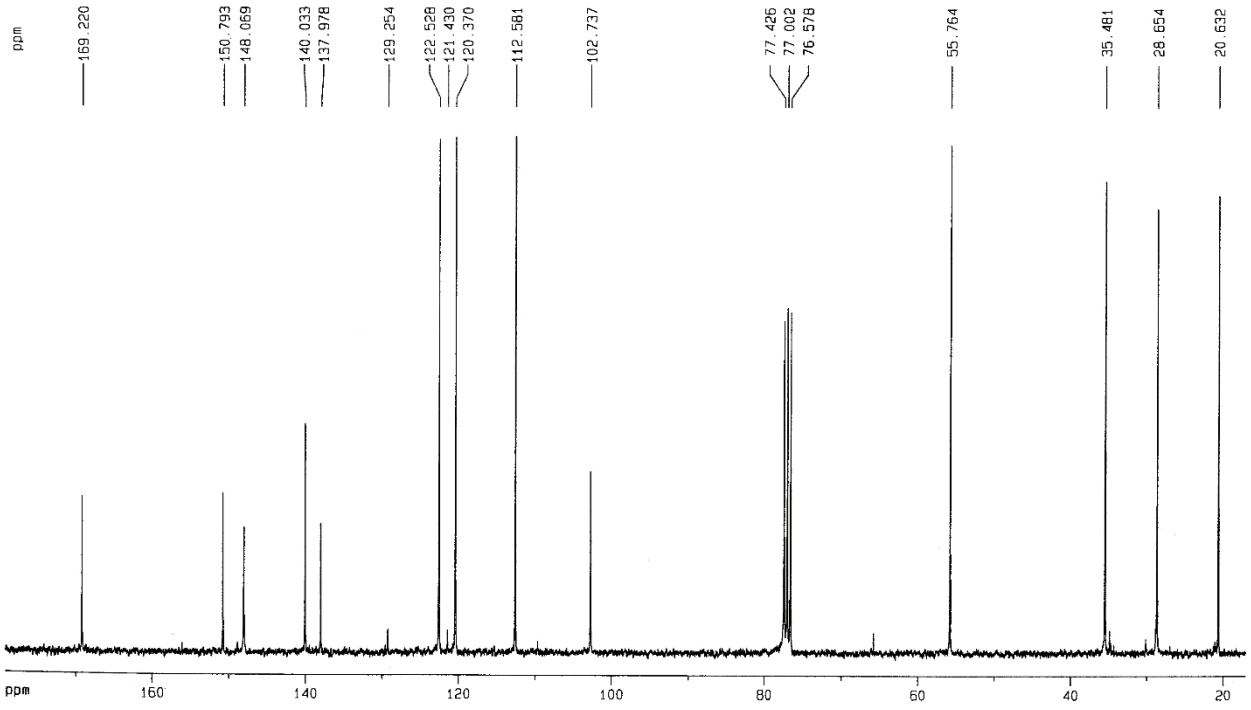
S29. NMR ^{13}C spectrum of compound **10** recorded in a Bruker 300 MHz and $CDCl_3$ as solvent.



S30. Mass spectrum of compound **11** recorded in a Jeol JMS-AX505HA equipment by direct inlet and EI mode ion detection.



S31. NMR ^{1}H spectrum of compound **11** recorded in a Bruker 300 MHz and $CDCl_3$ as solvent.



S32. NMR ^{13}C spectrum of compound **11** recorded in a Bruker 300 MHz and $CDCl_3$ as solvent.