

Supplementary Material: Synthesis of Naphthalene-Based Push-Pull Molecules with a Heteroaromatic Electron Acceptor

David Šarlah, Amadej Juranovič, Boris Kožar, Luka Rejc, Amalija Golobič and Andrej Petrič

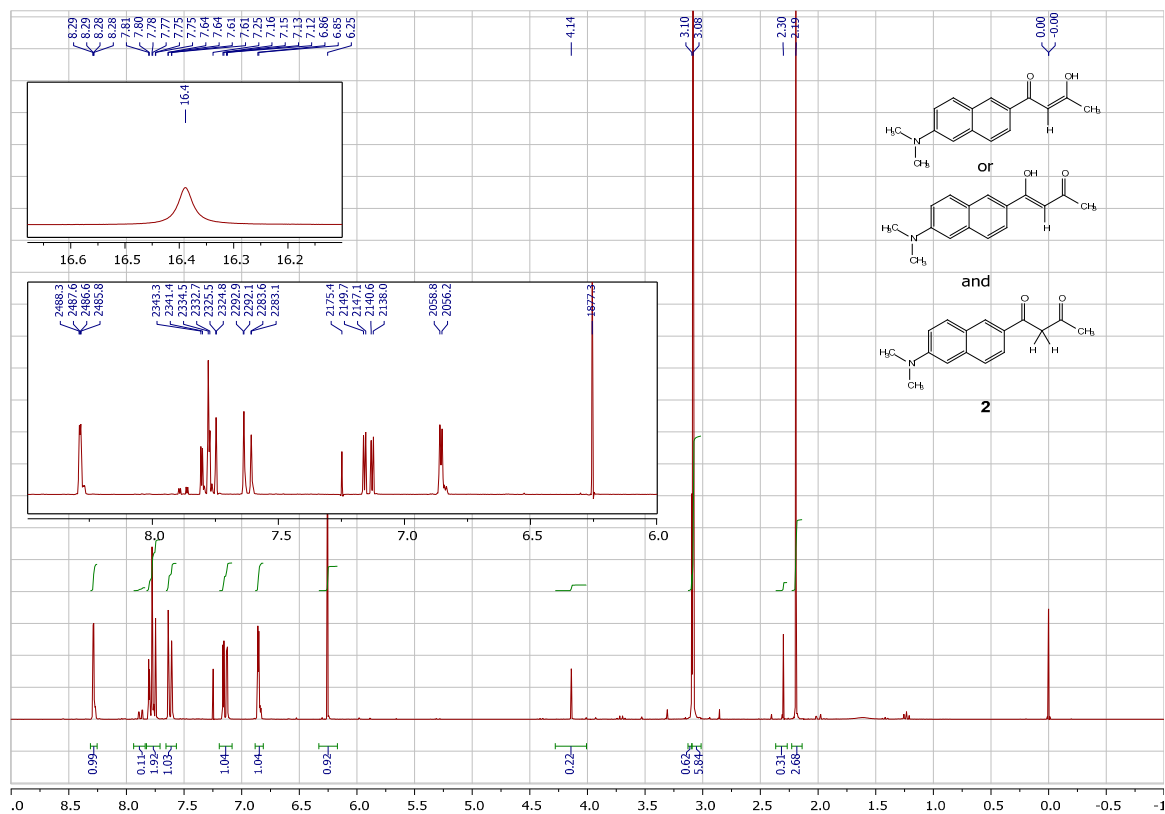
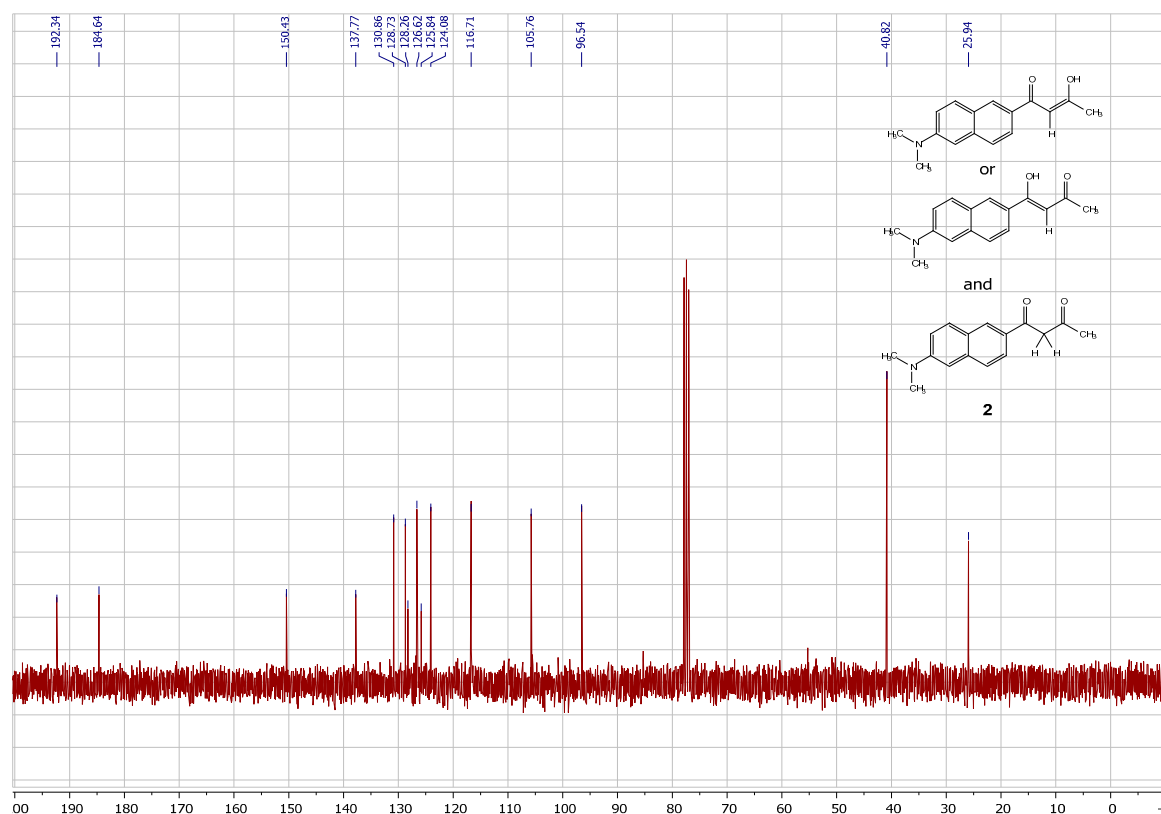
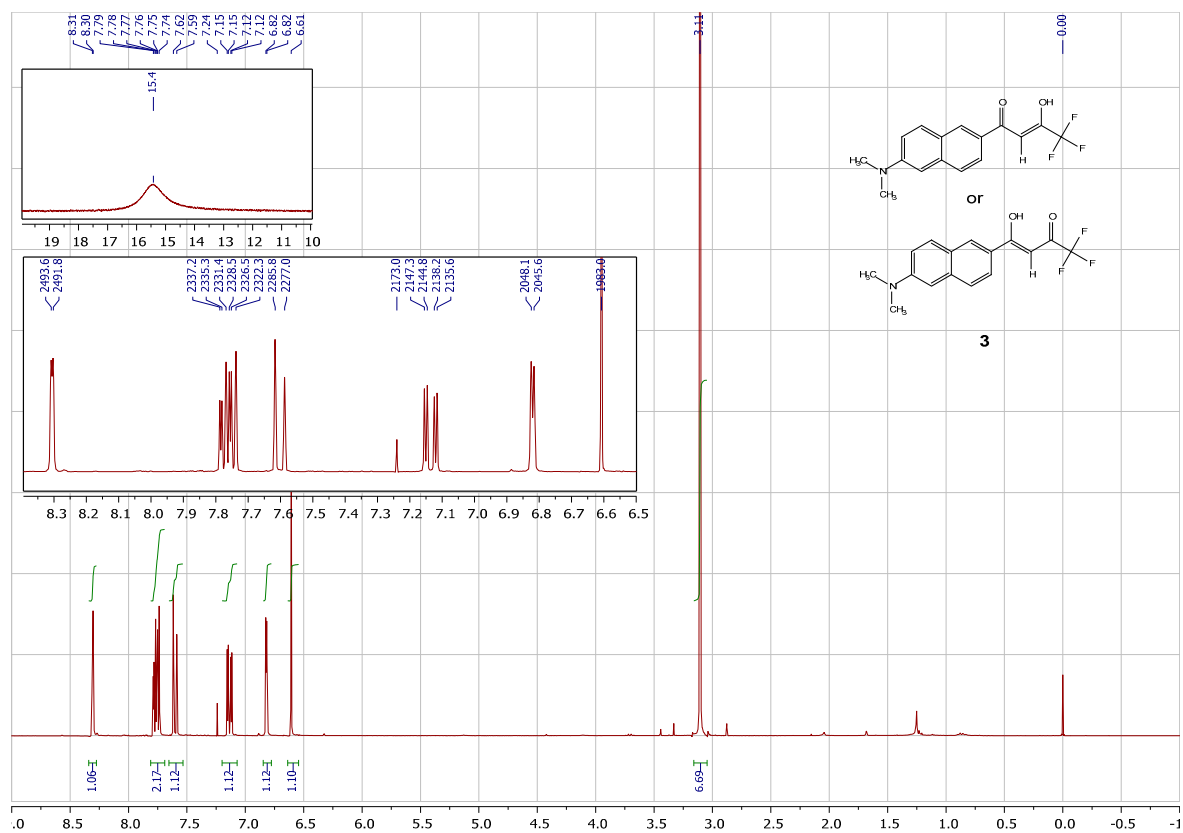
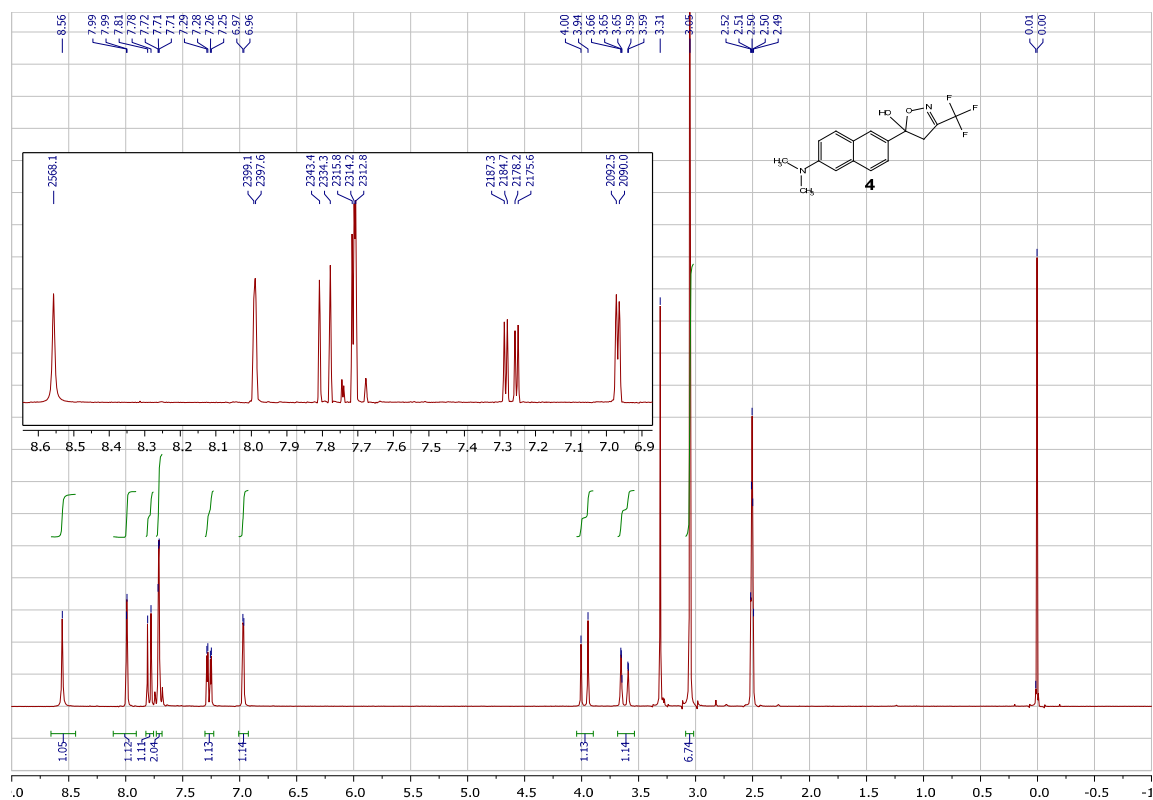
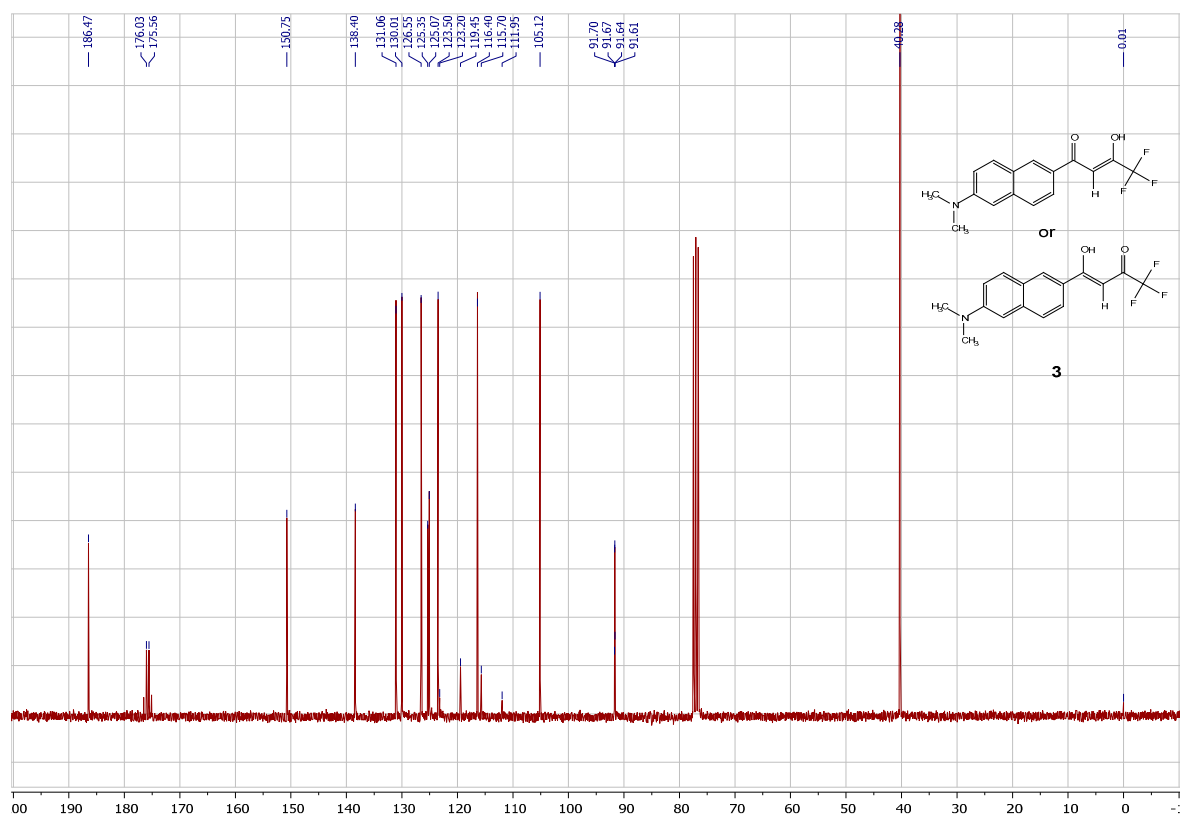
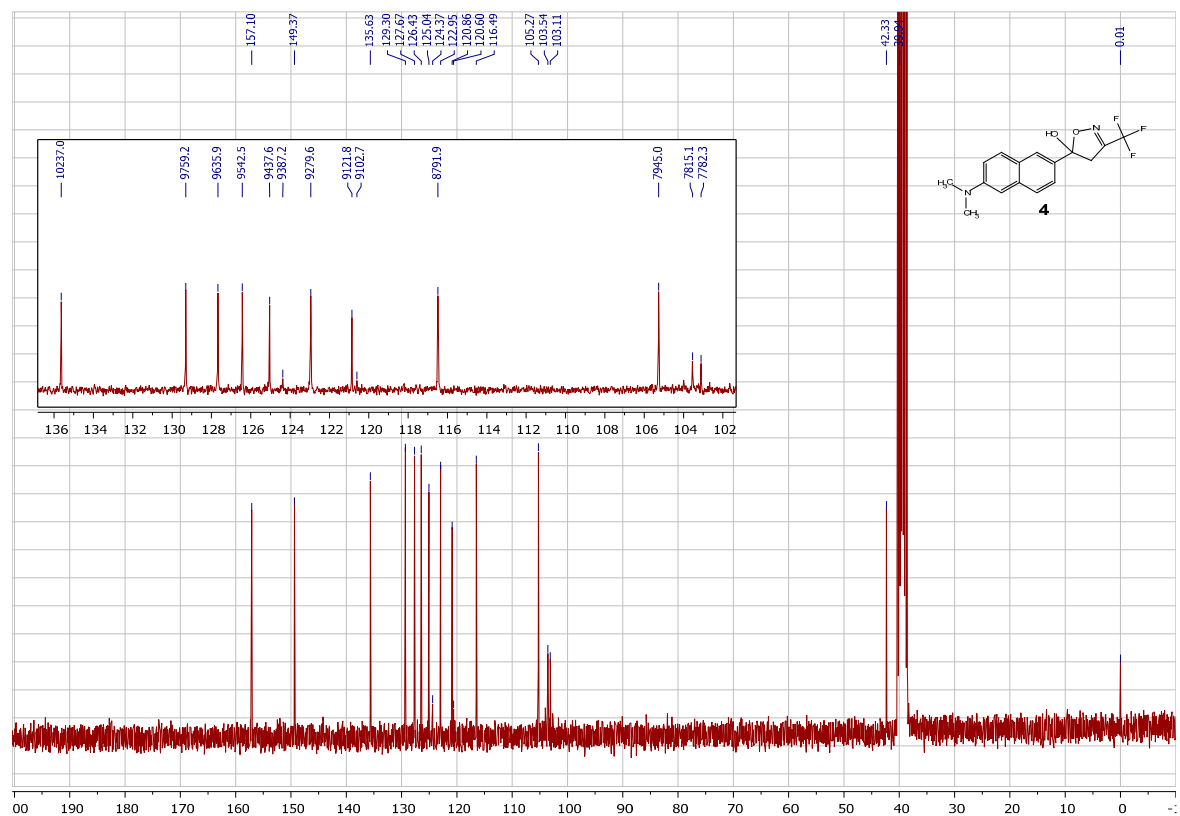
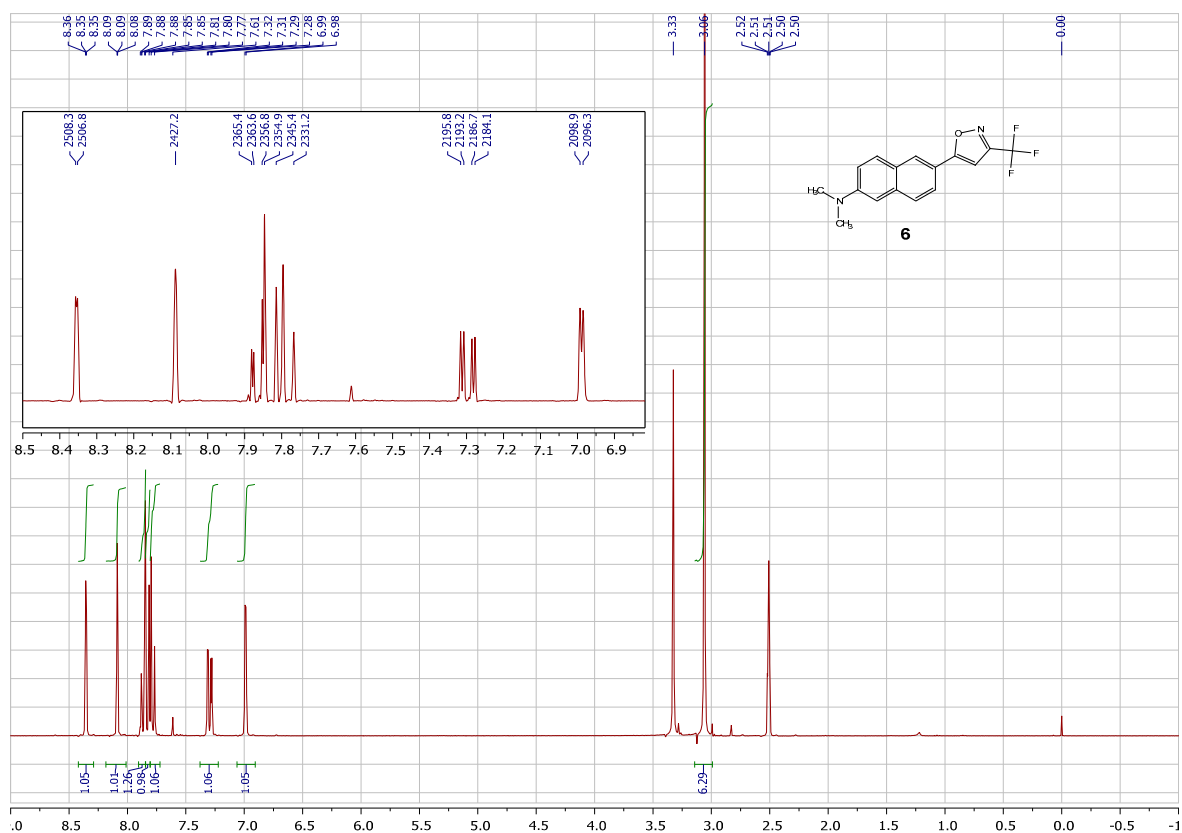
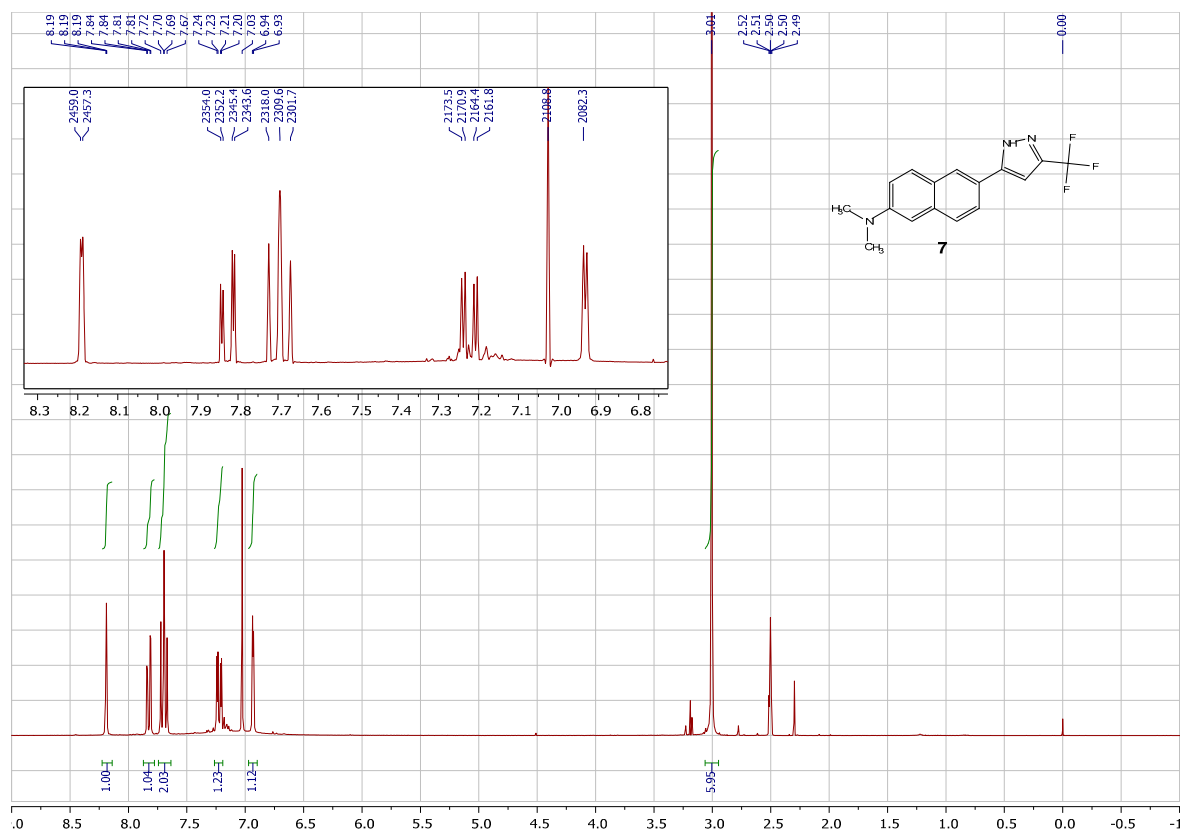
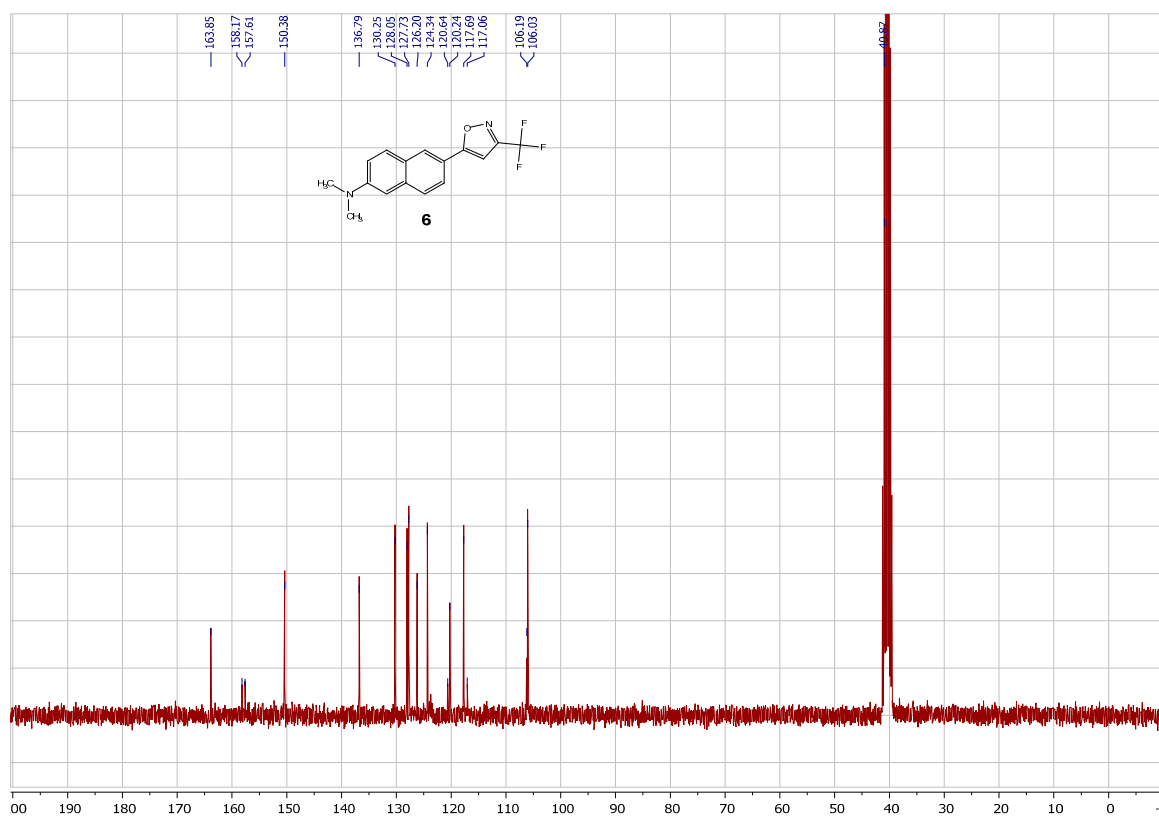


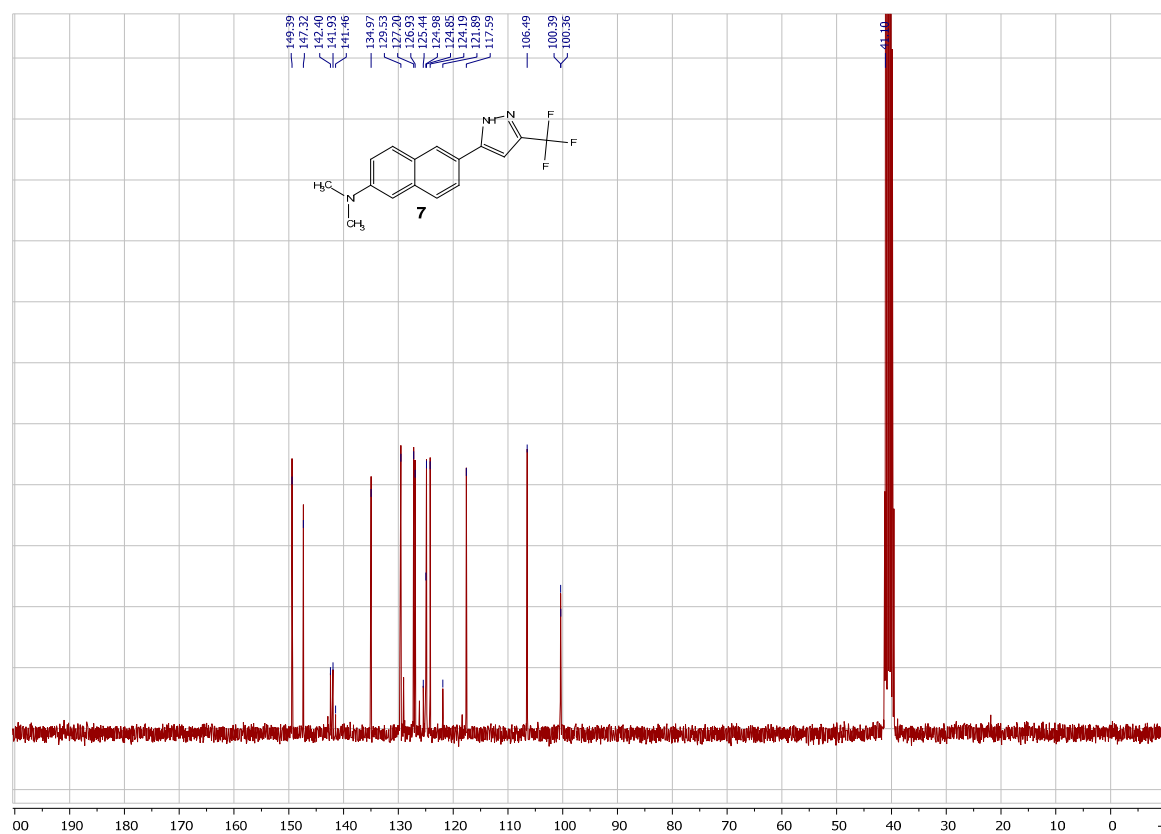
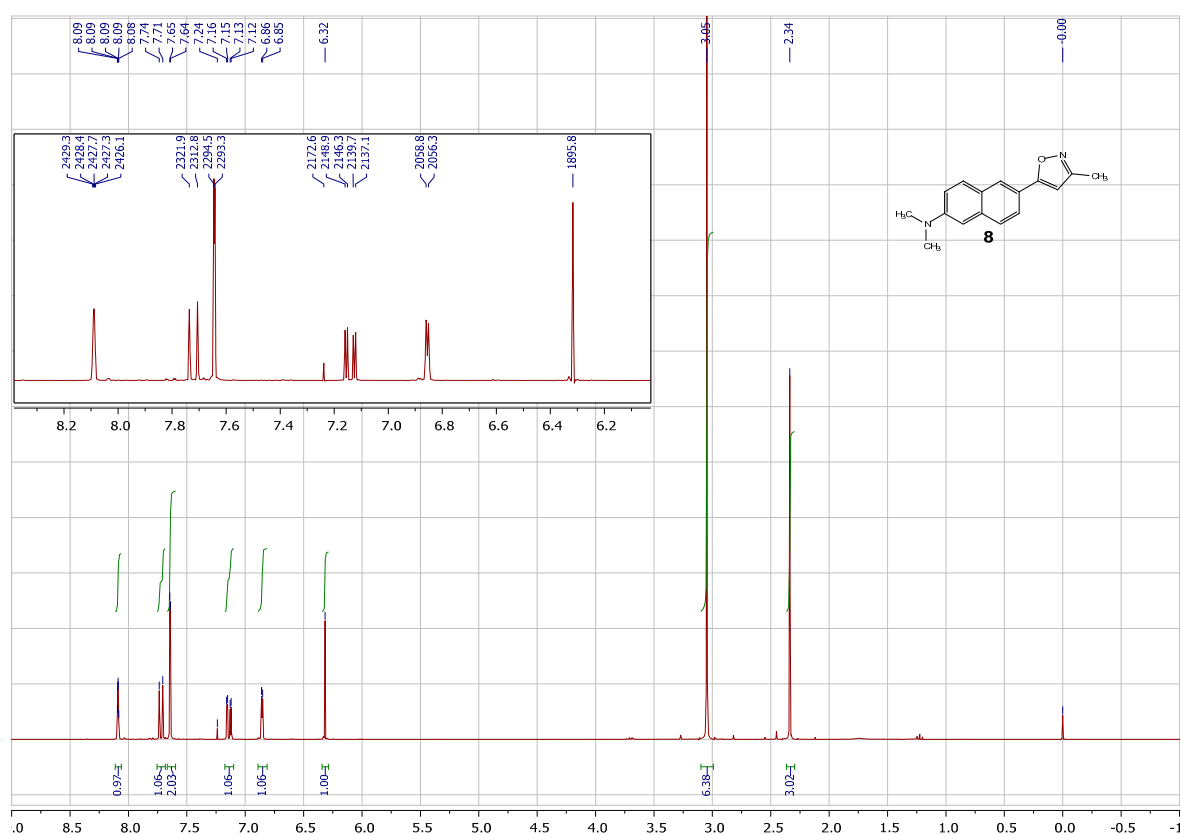
Figure S1. ¹H-NMR spectrum of the compound 2.

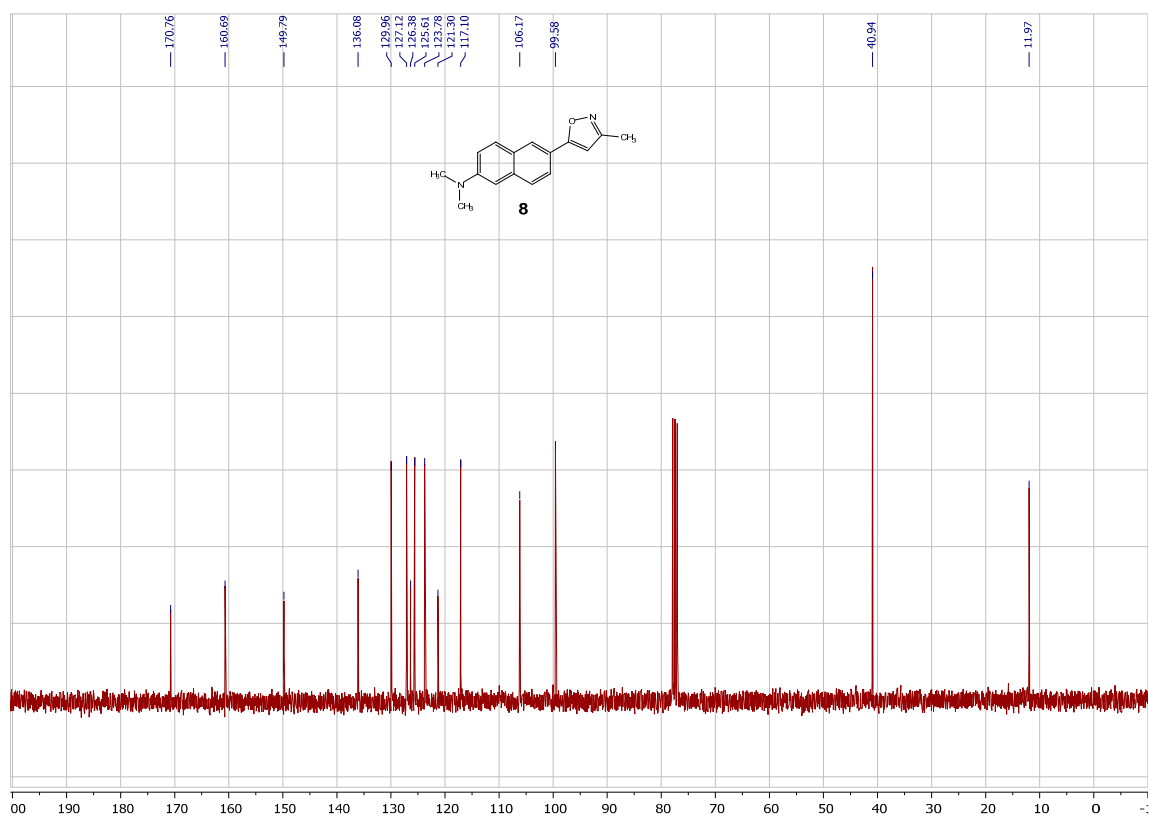
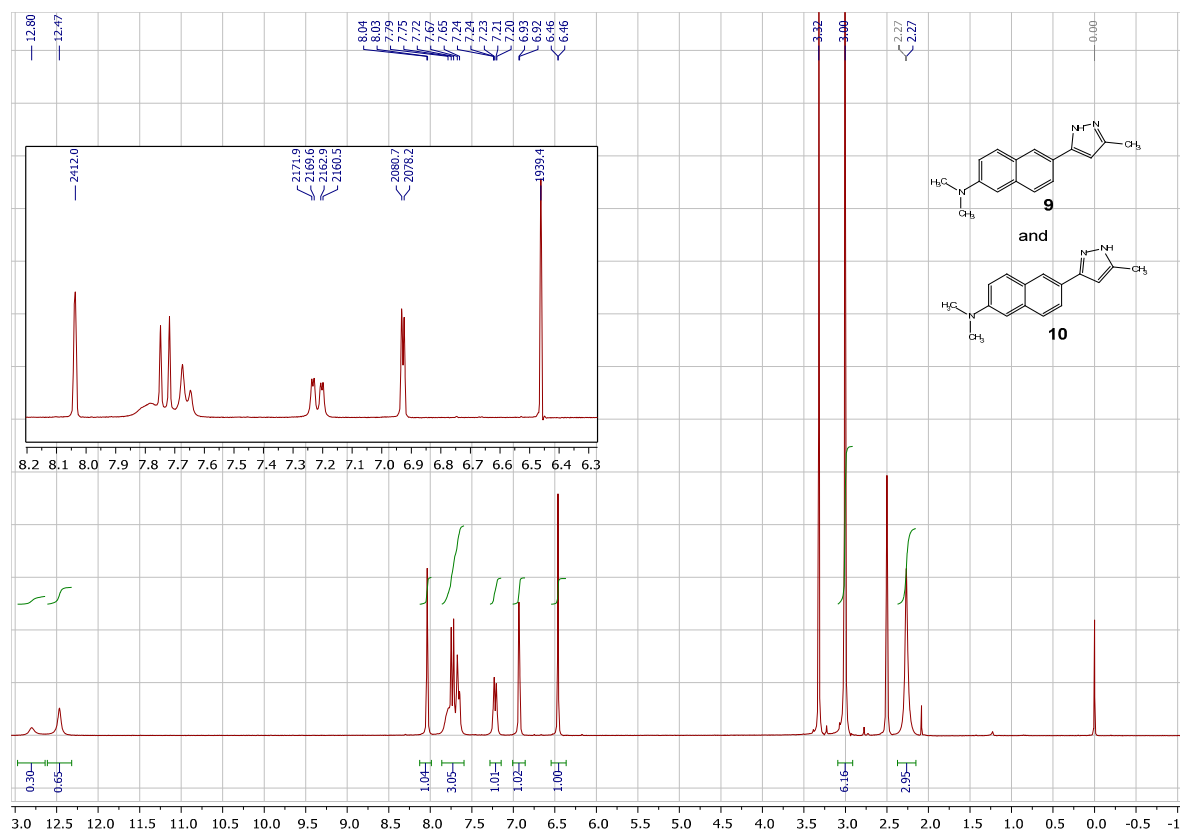
Figure S2. ¹³C-NMR spectrum of the compound 2.



Figure S6. ¹³C-NMR spectrum of the compound 4.Figure S7. ¹H-NMR spectrum of the compound 6.



Figure S10. ¹³C-NMR spectrum of the compound 7.Figure S11. ¹H-NMR spectrum of the compound 8.

Figure S12. ¹³C-NMR spectrum of the compound 8.Figure S13. ¹H-NMR spectrum of the compounds 9 and 10.

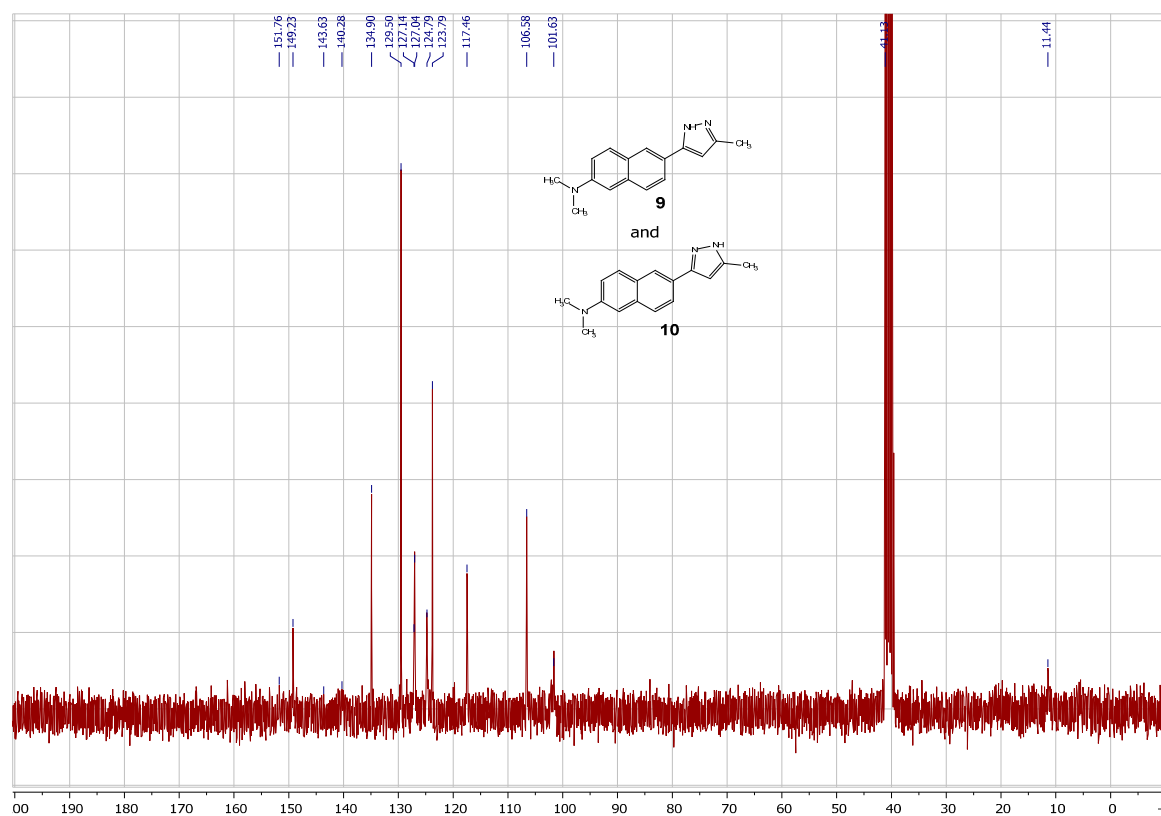
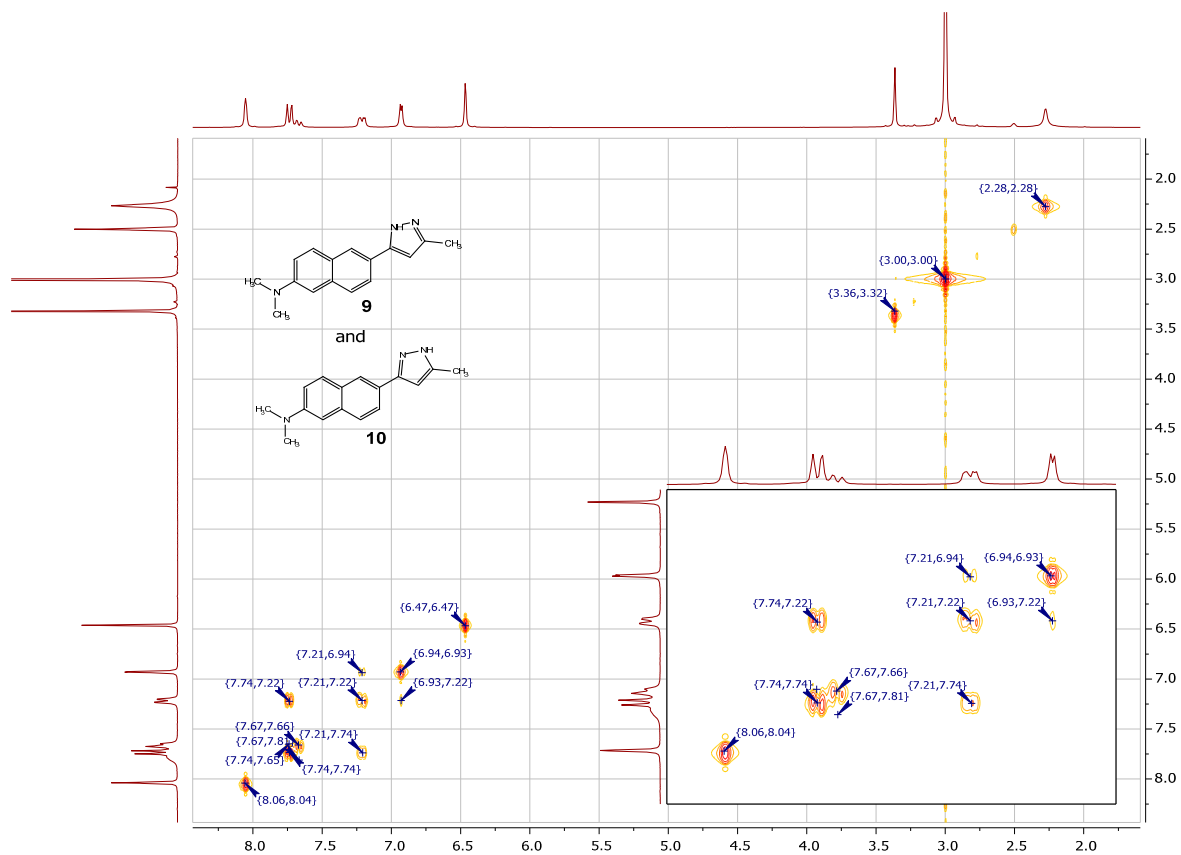
Figure S14. ^{13}C -NMR spectrum of the compounds 9 and 10.

Figure S15. gs-COSY NMR spectrum of the compounds 9 and 10.

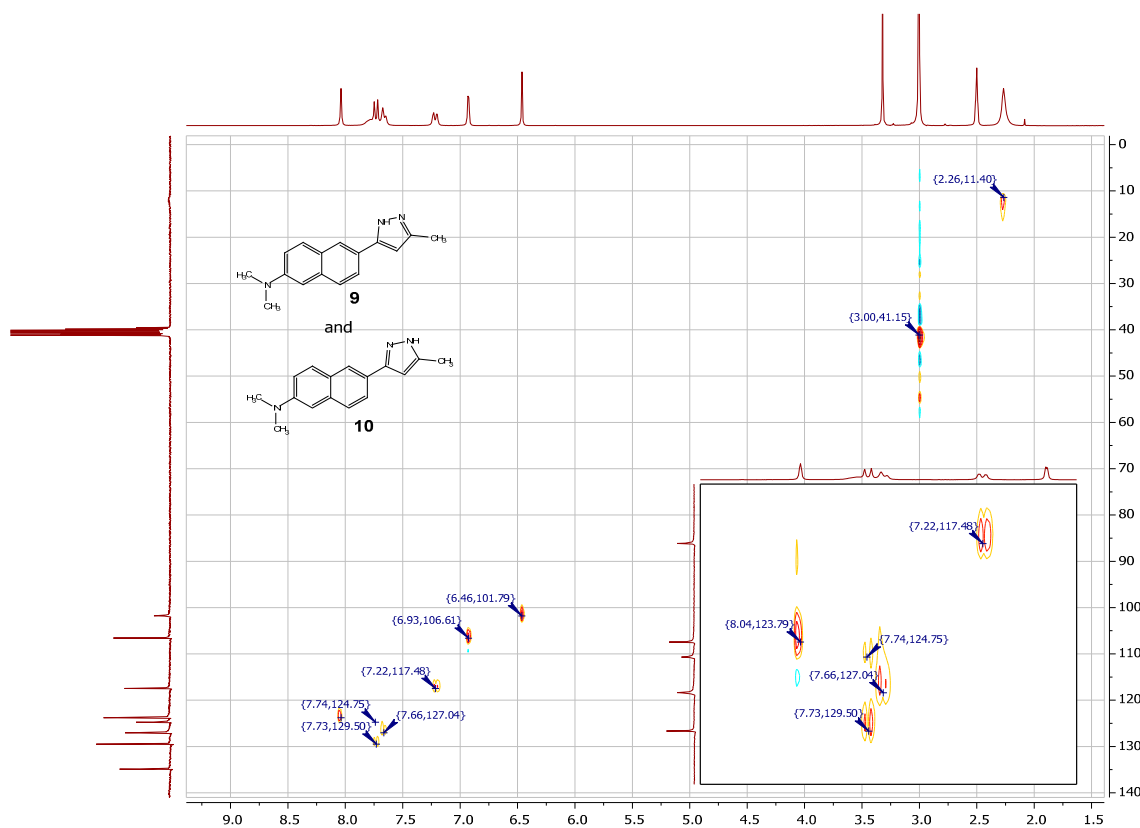


Figure S16. gs-HSQC NMR spectrum of the compounds 9 and 10.

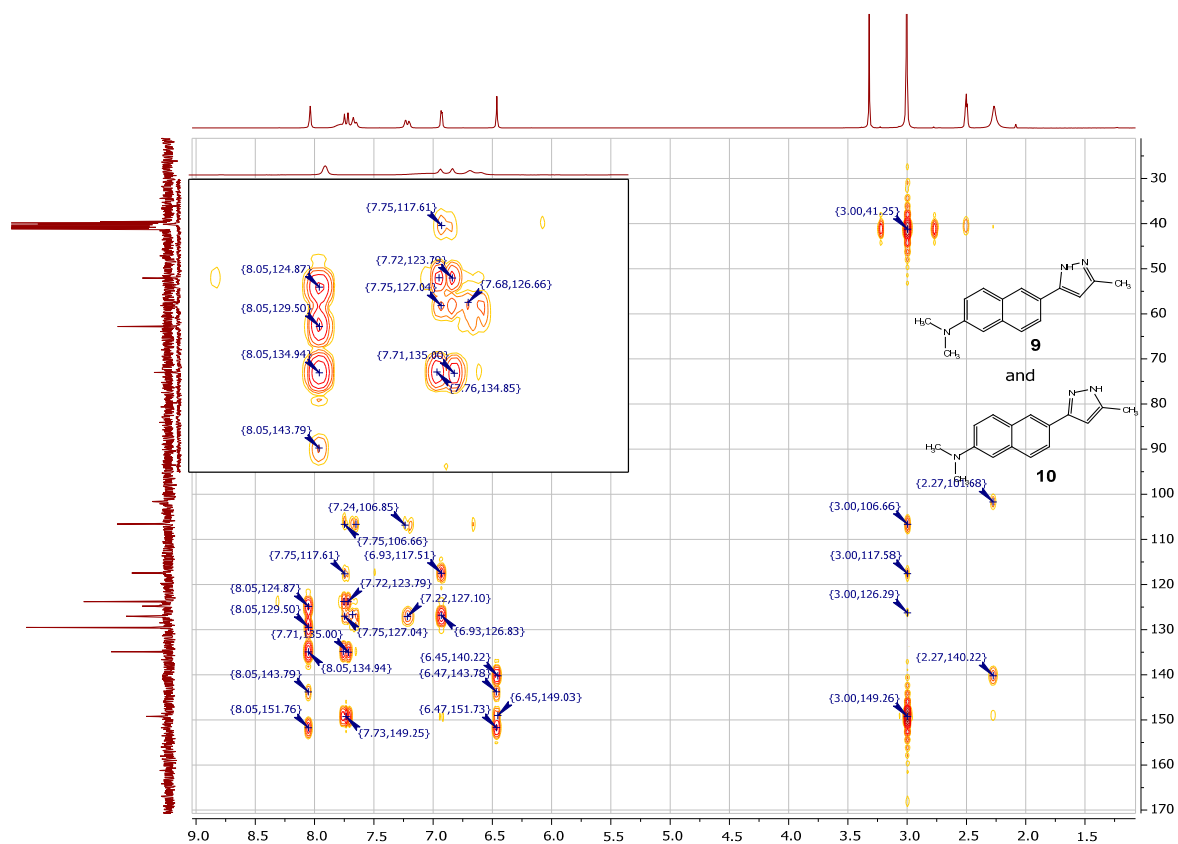
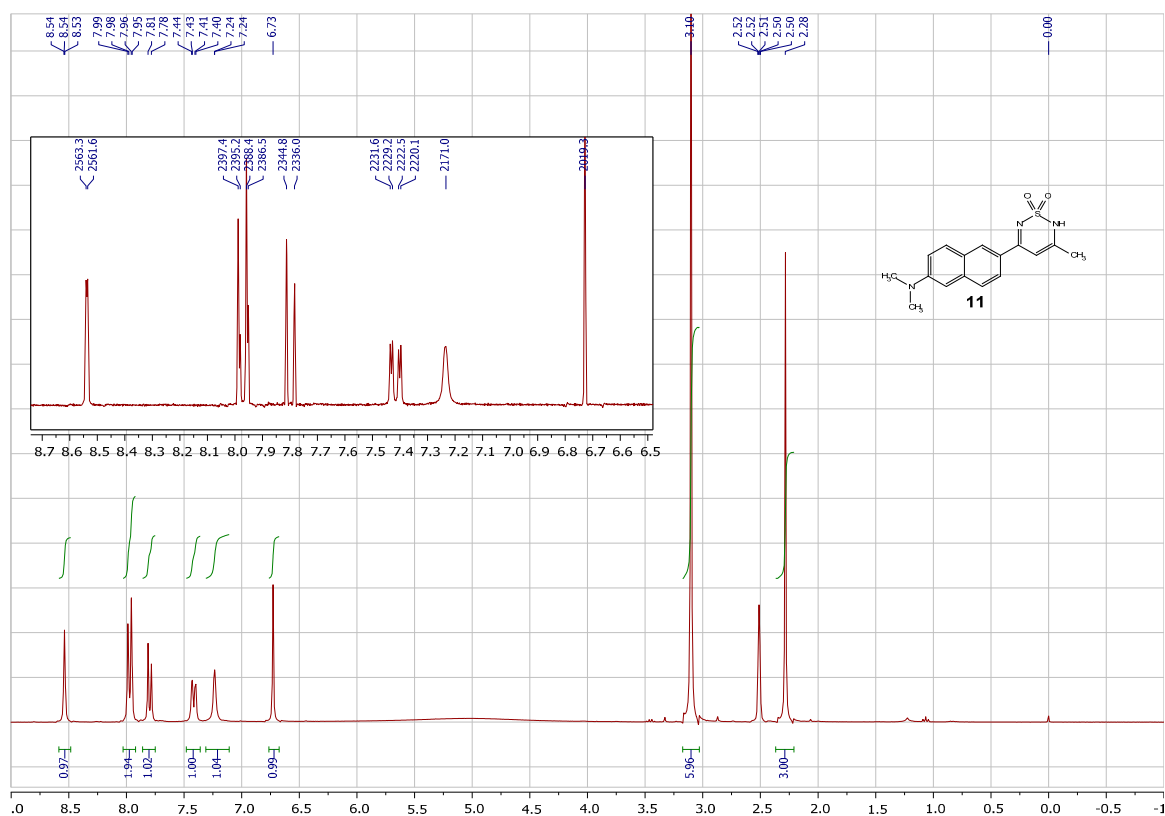
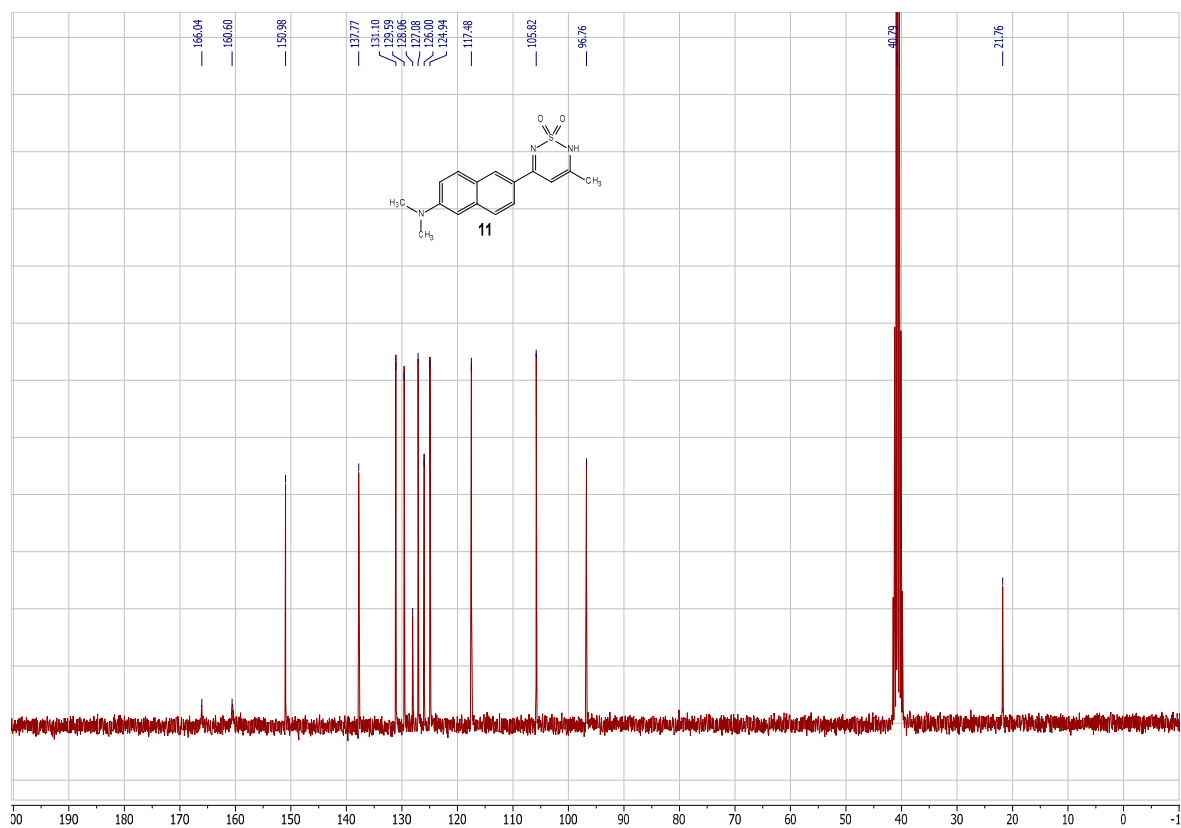
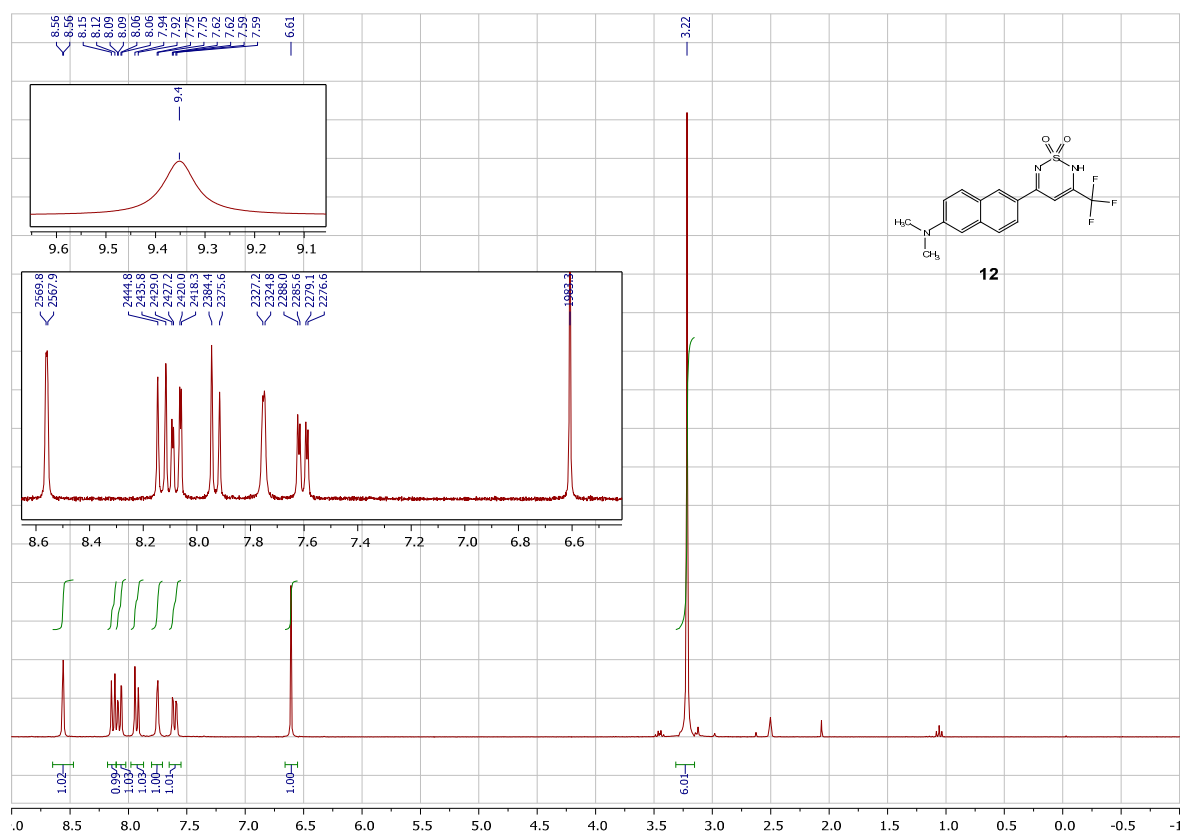
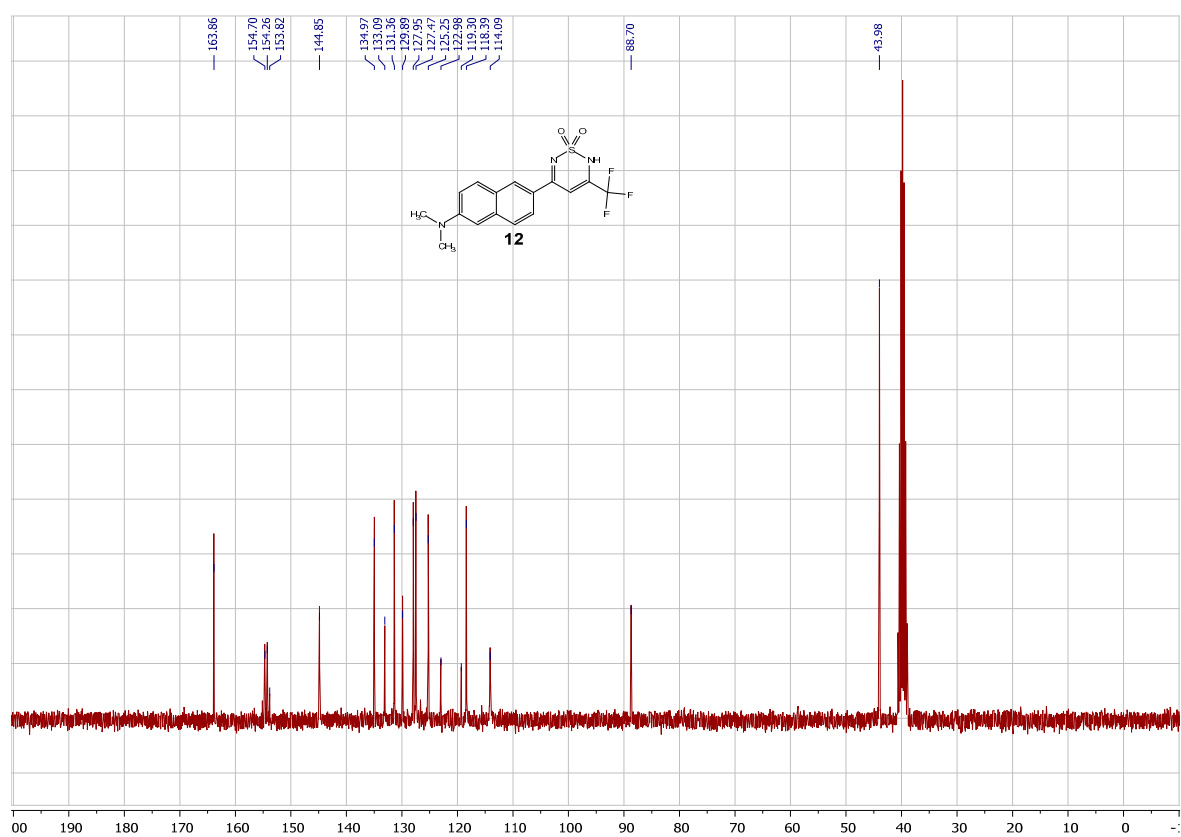
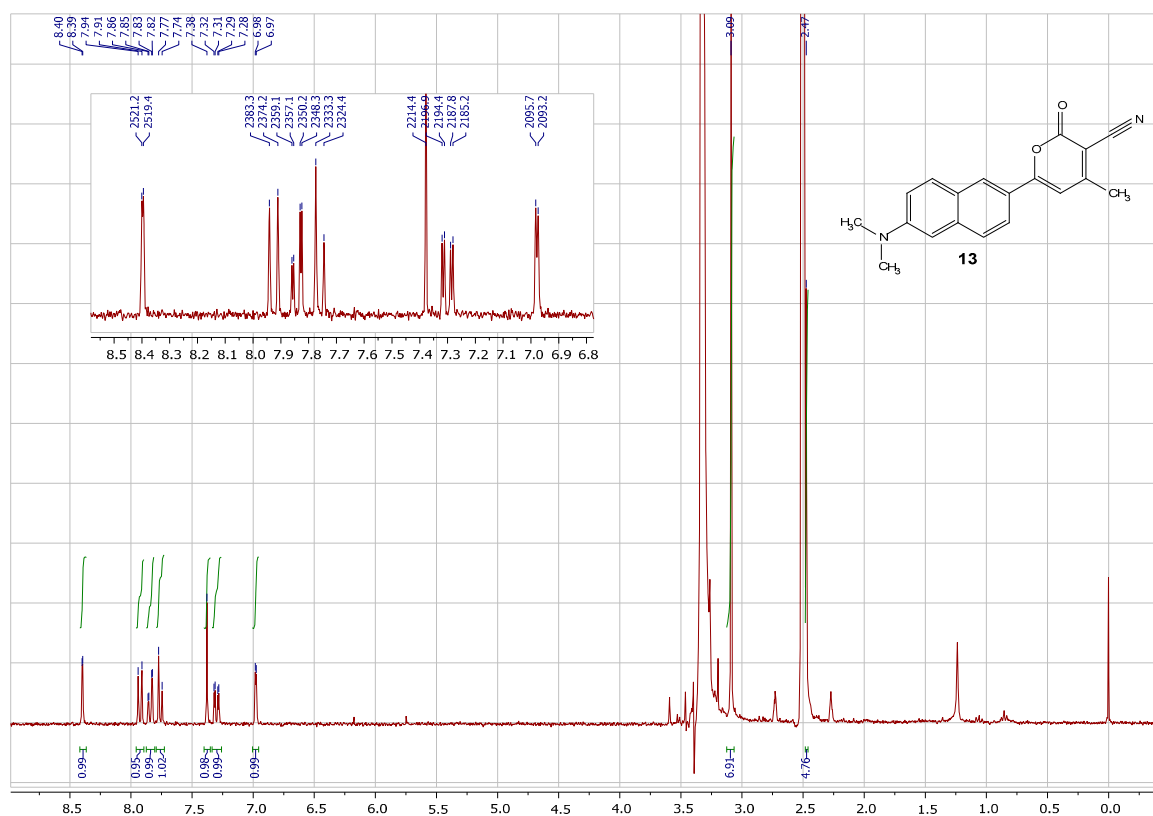
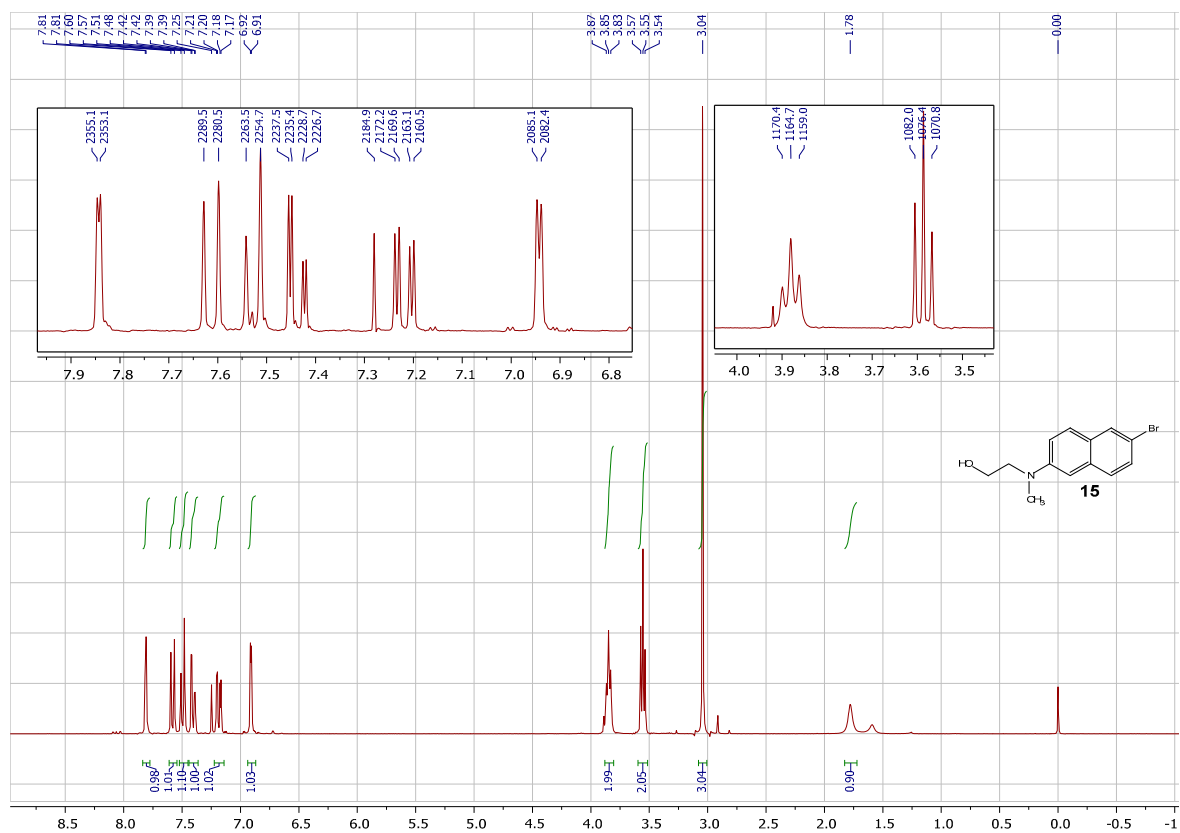
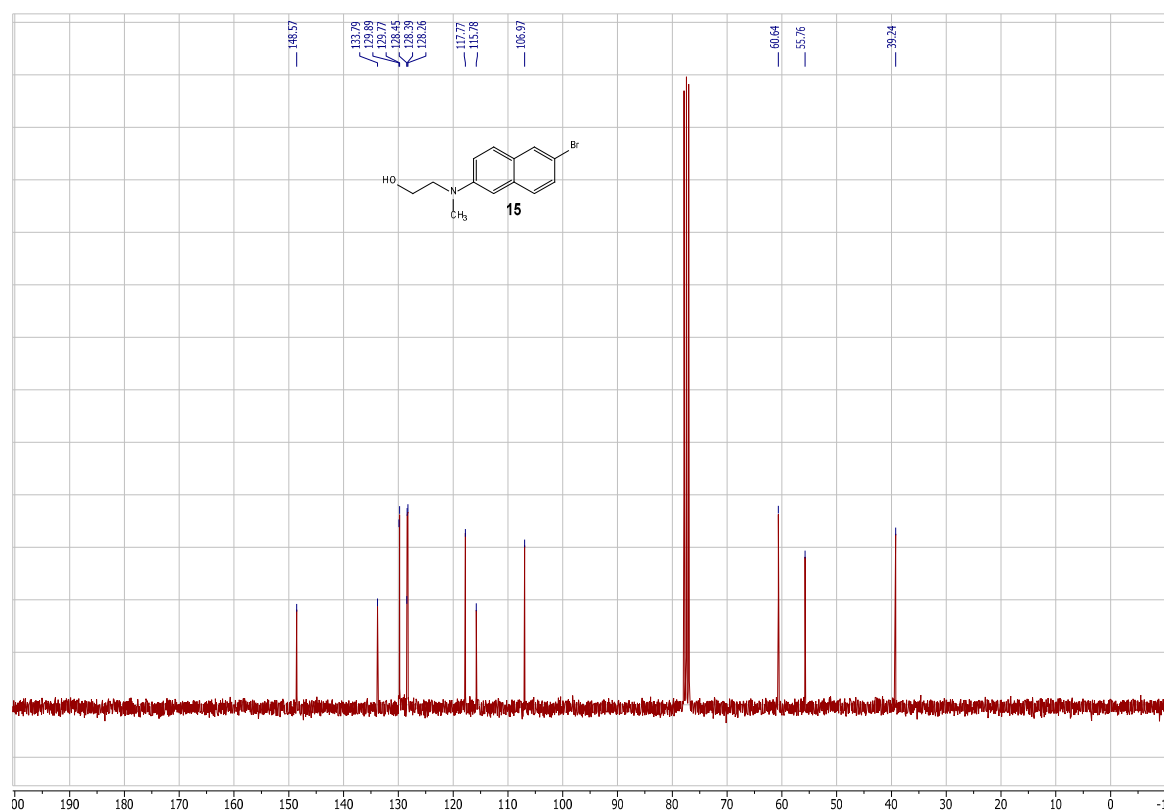
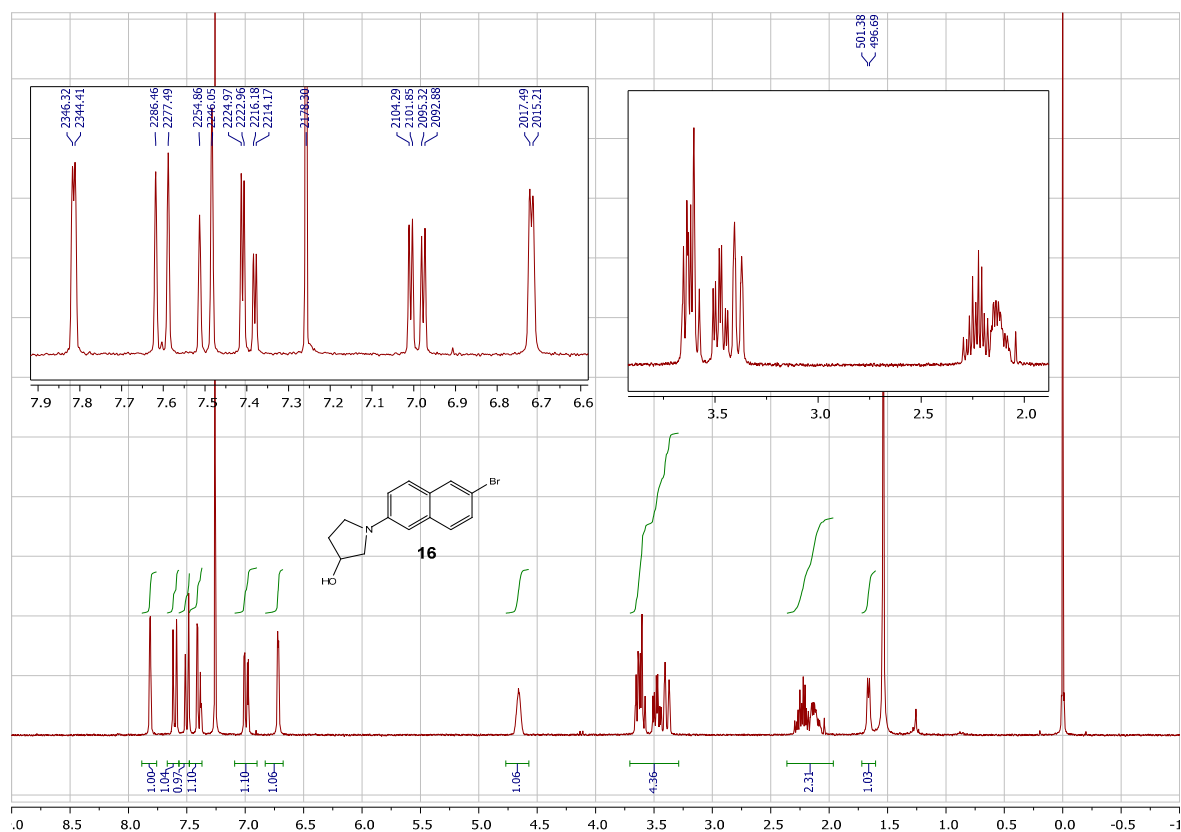


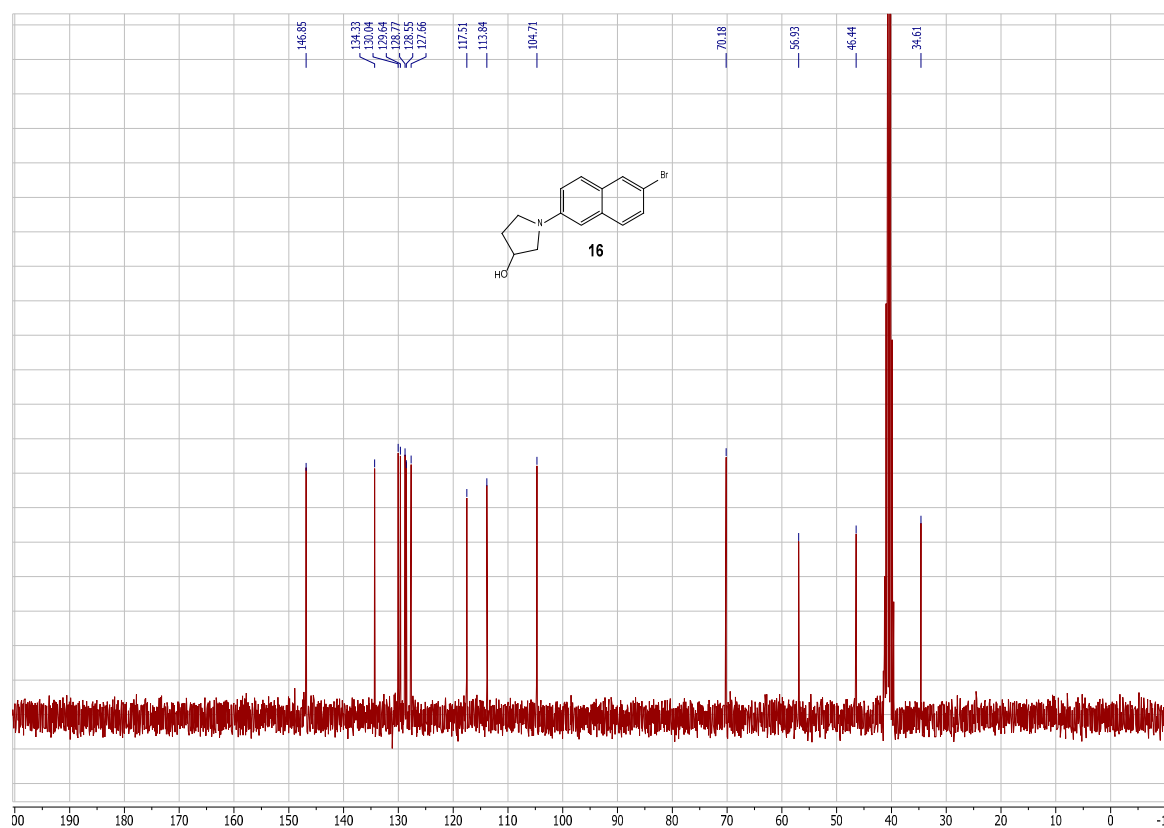
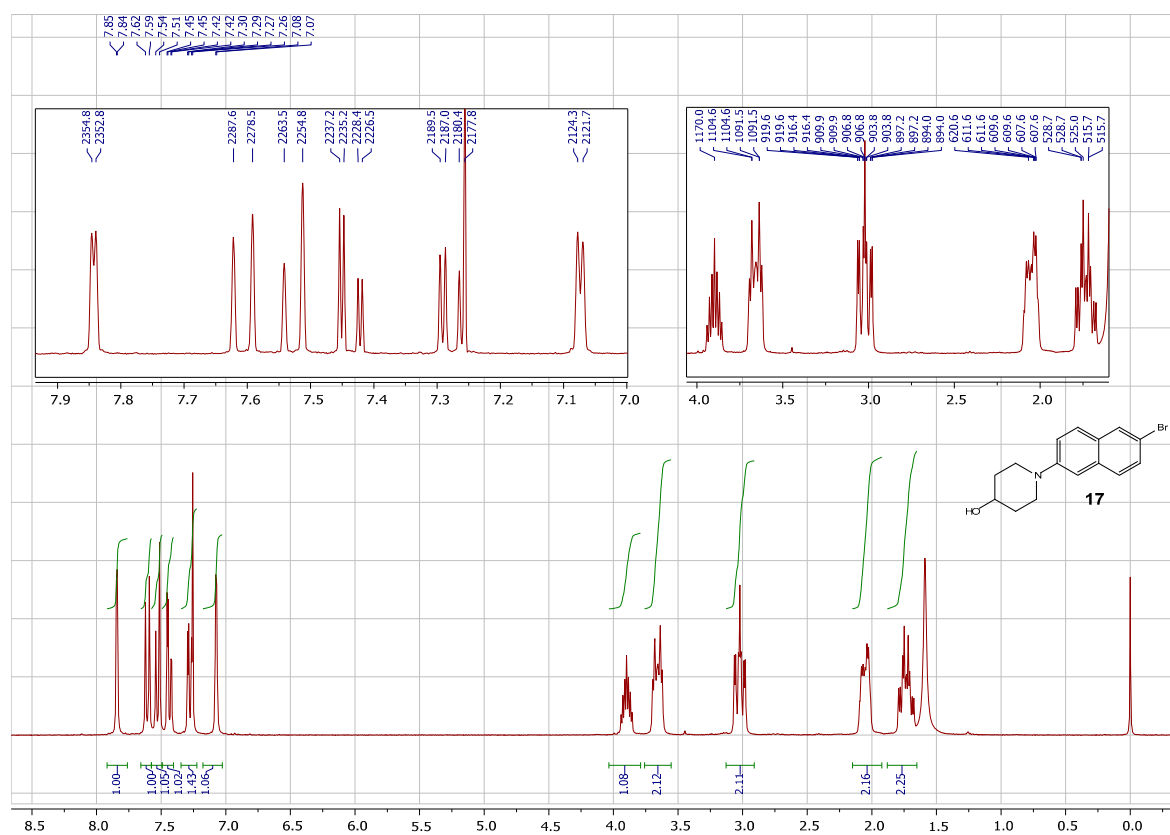
Figure S17. gs-HMBC NMR spectrum of the compounds 9 and 10.

Figure S18. ¹H-NMR spectrum of the compound **11**.Figure S19. ¹³C-NMR spectrum of the compound **11**.

Figure S20. ¹H-NMR spectrum of the compound 12.Figure S21. ¹³C-NMR spectrum of the compound 12.

Figure S22. ¹H-NMR spectrum of the compound 13.Figure S23. ¹H-NMR spectrum of the compound 15.

Figure S24. ¹³C-NMR spectrum of the compound 15.Figure S25. ¹H-NMR spectrum of the compound 16.

Figure S26. ¹³C-NMR spectrum of the compound 16.Figure S27. ¹H-NMR spectrum of the compound 17.

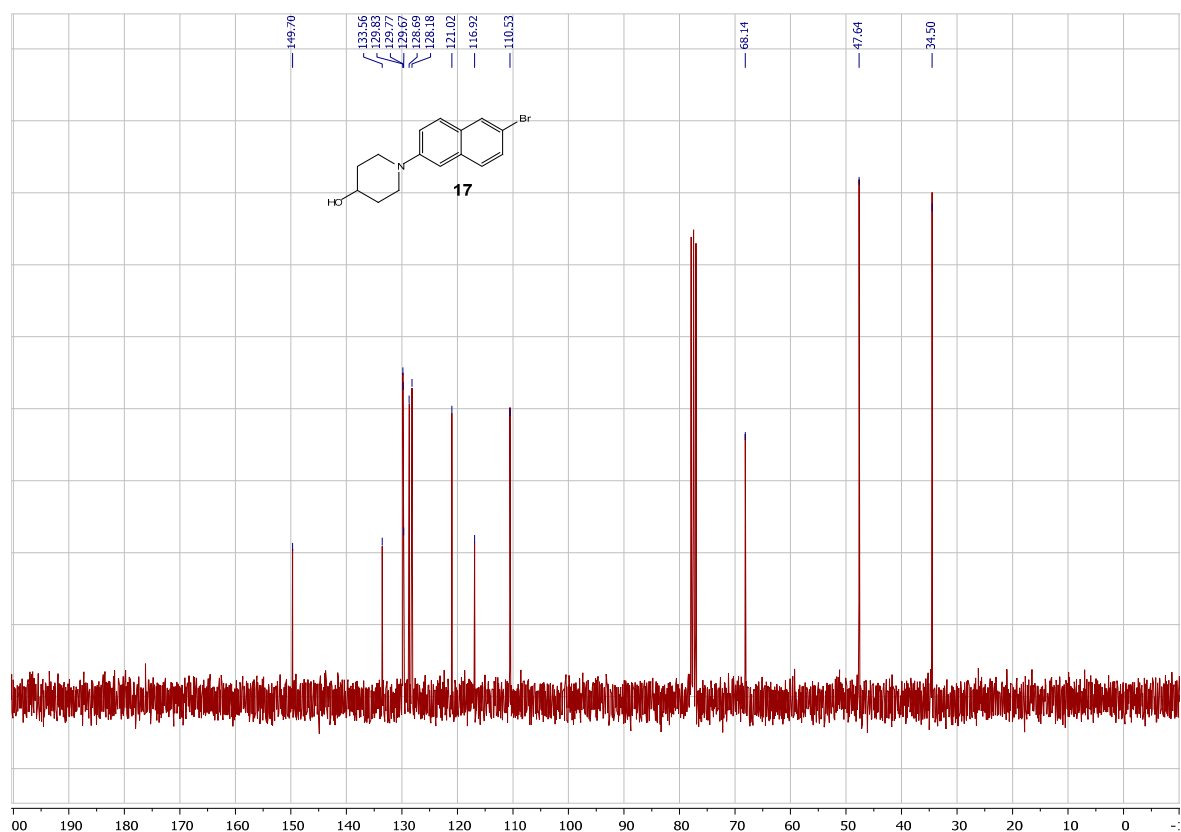


Figure S28. ¹³C-NMR spectrum of the compound 17.

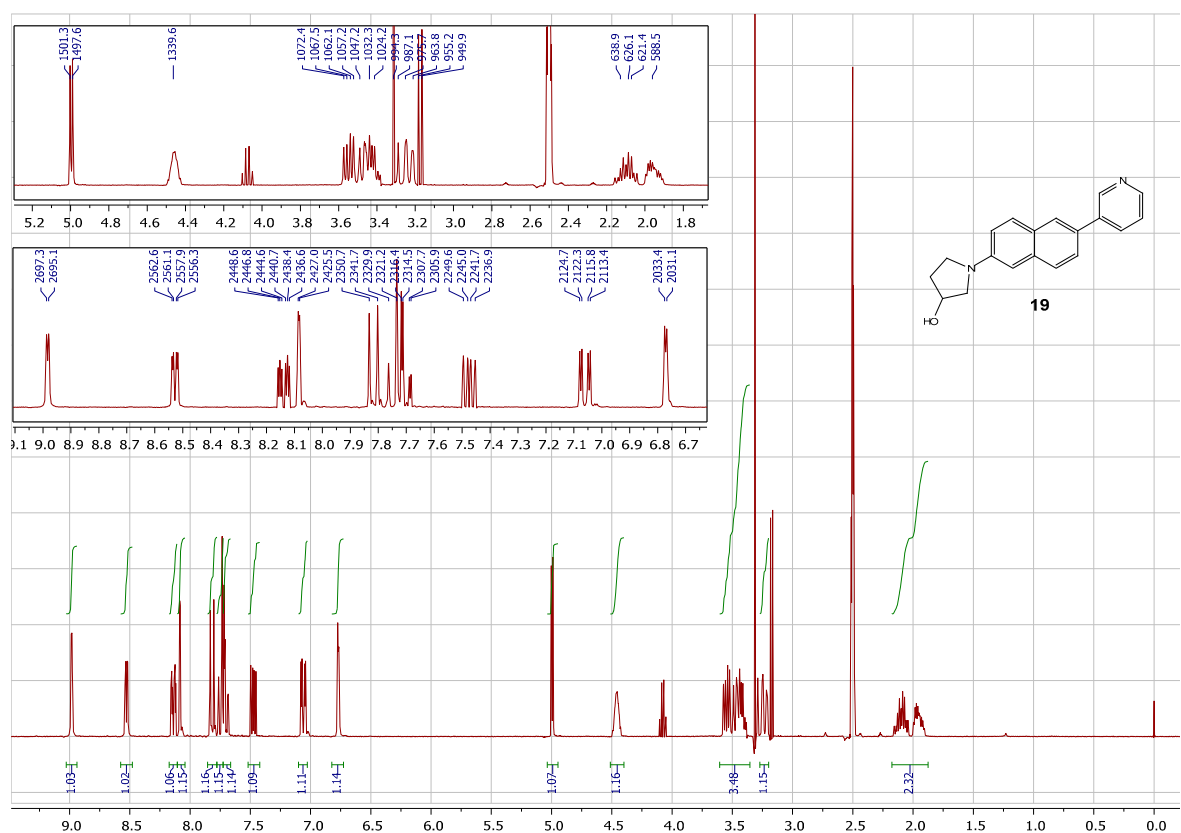
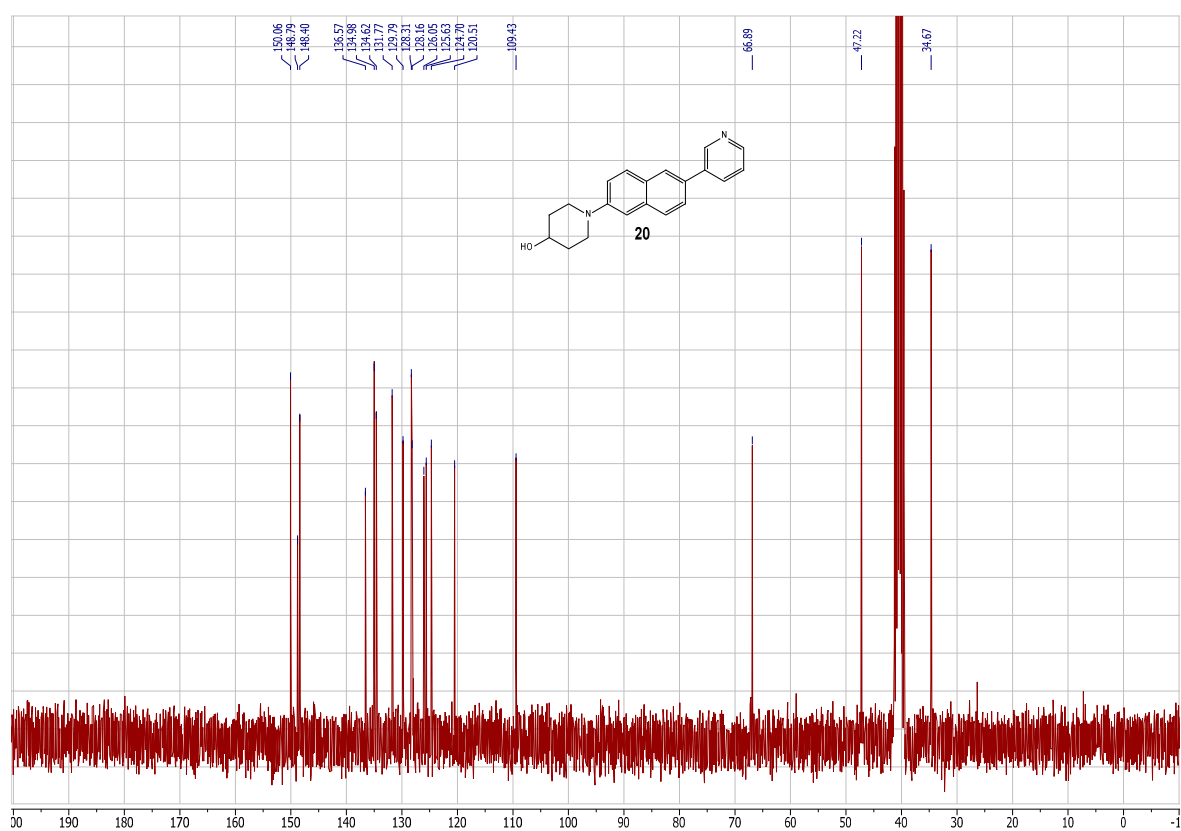
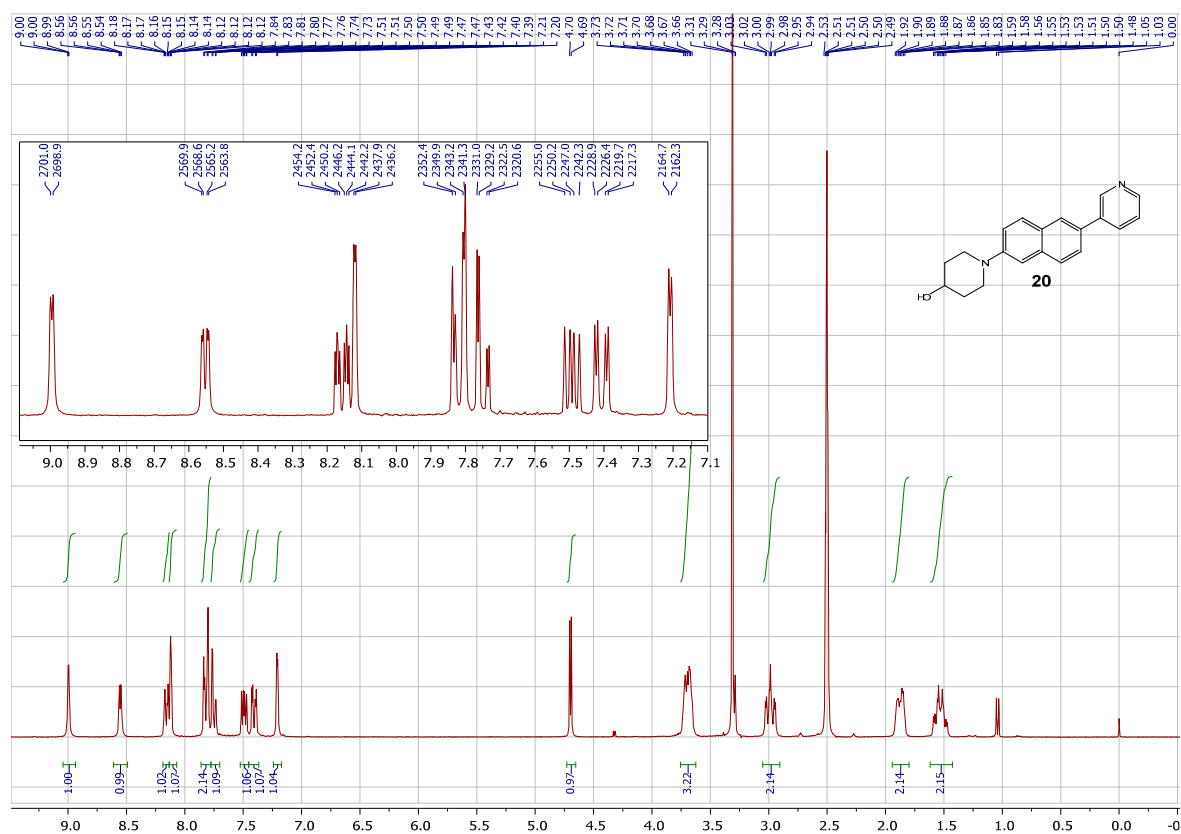
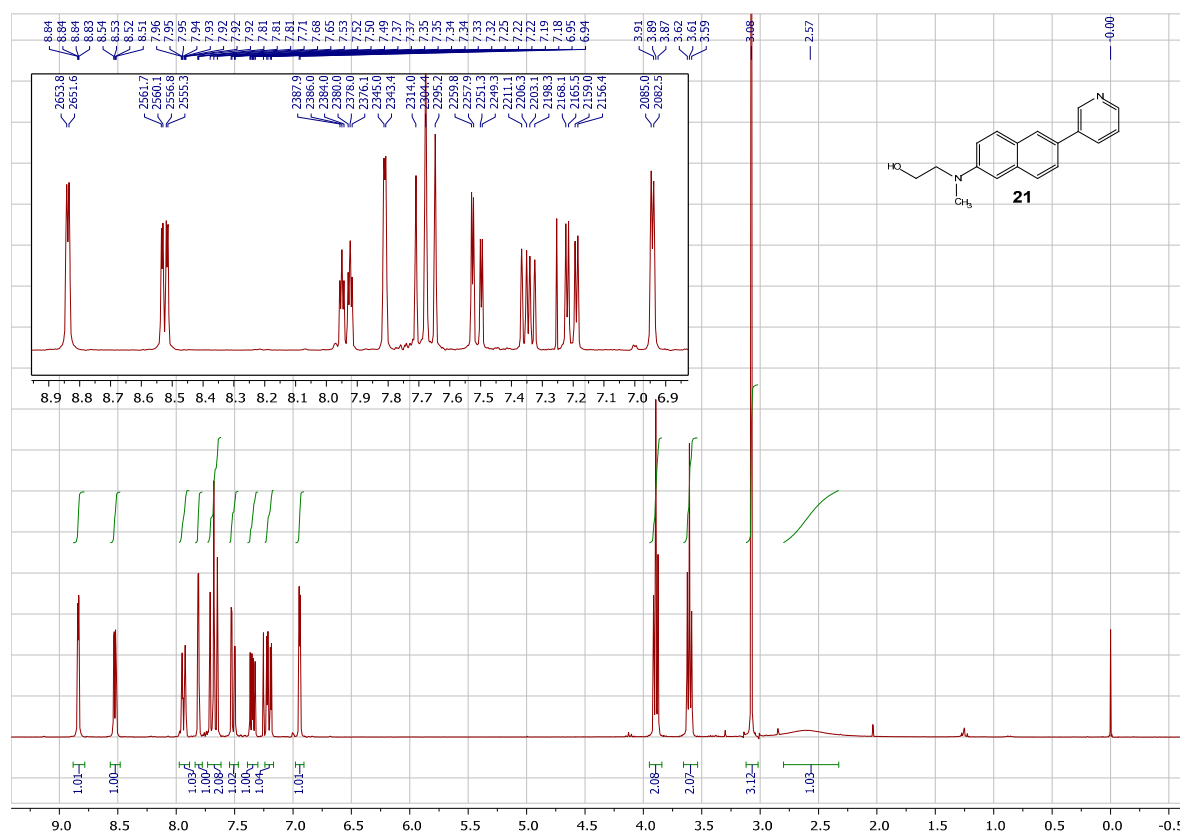
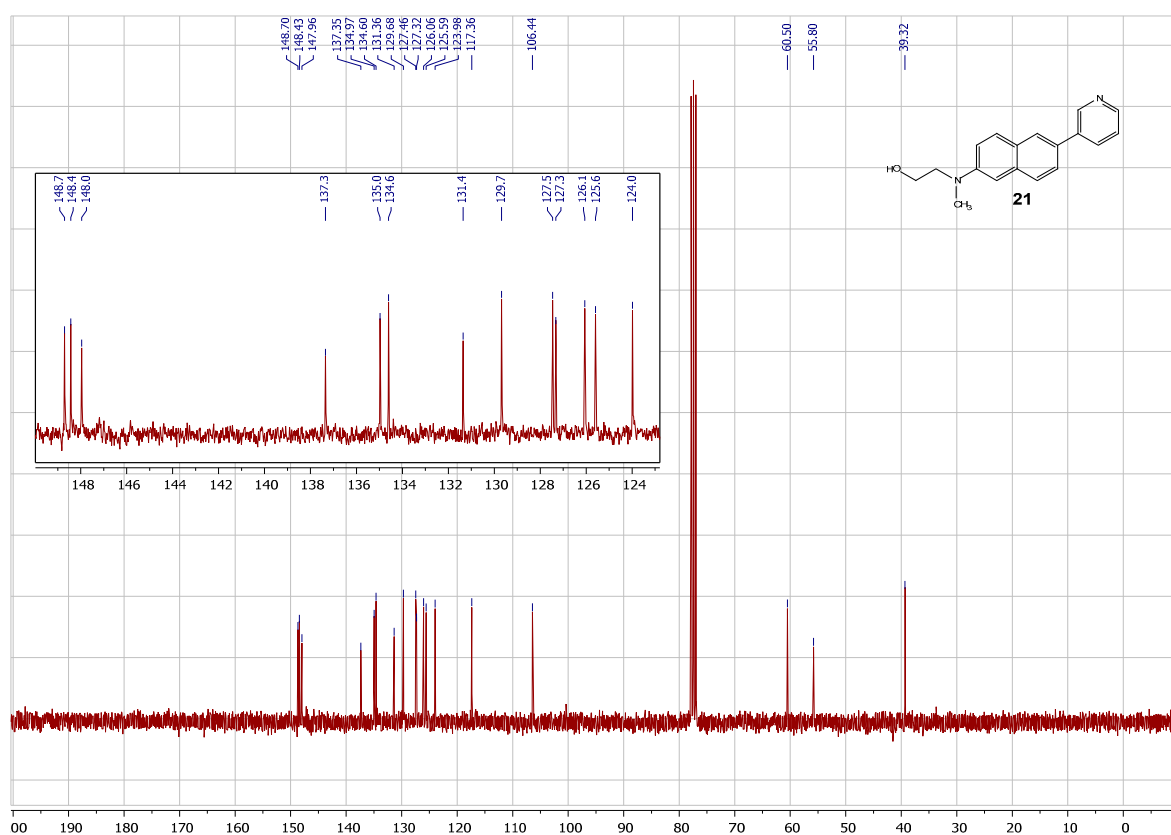
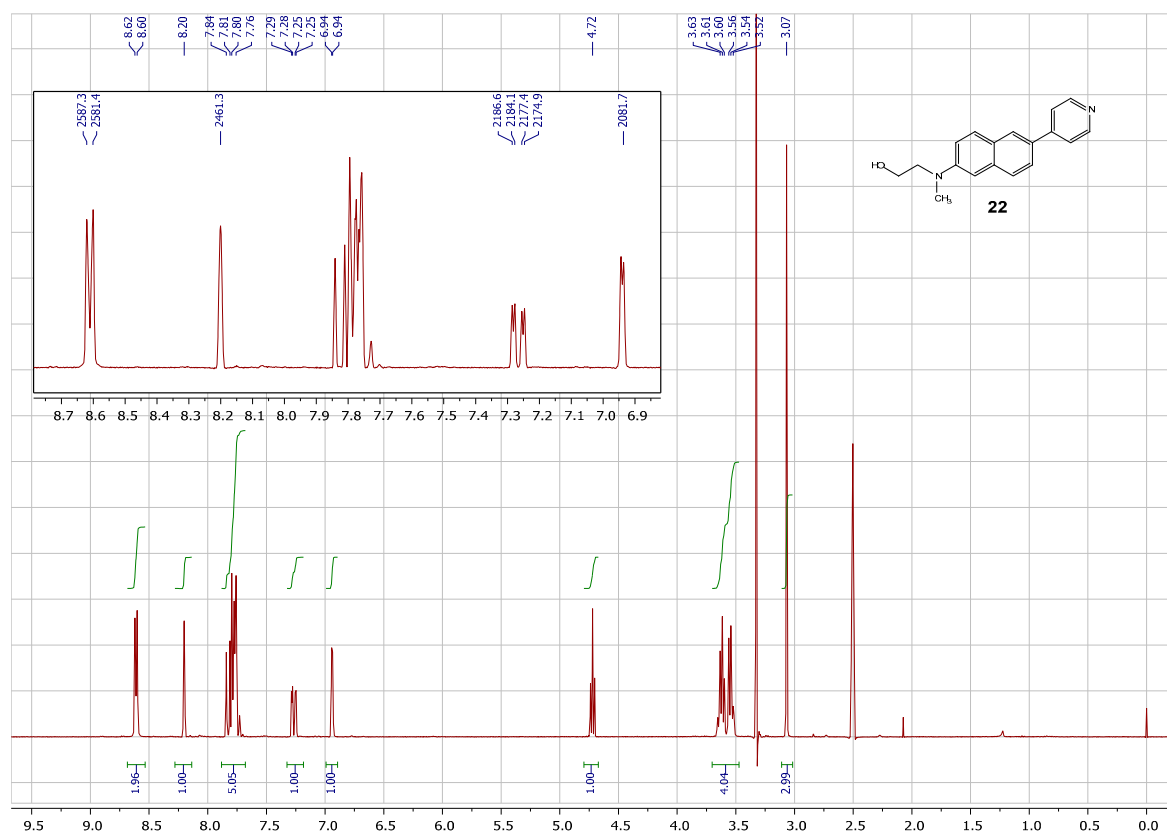
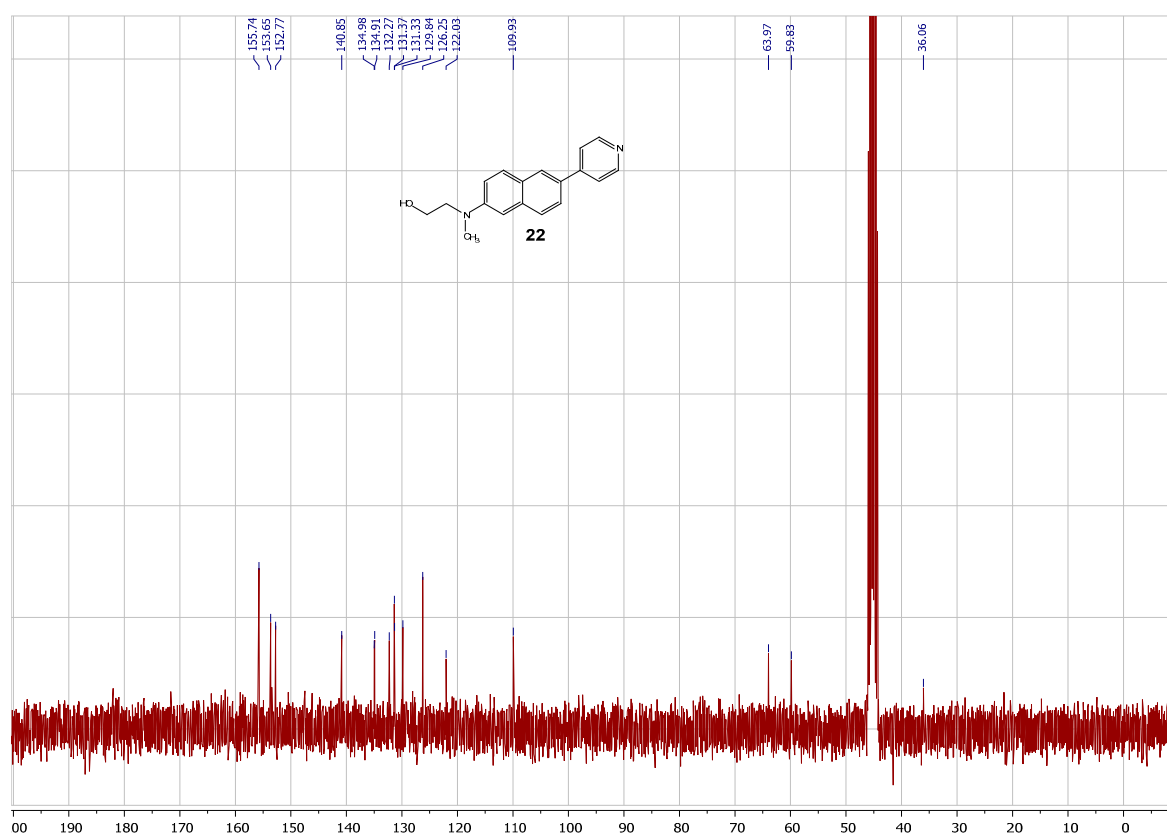
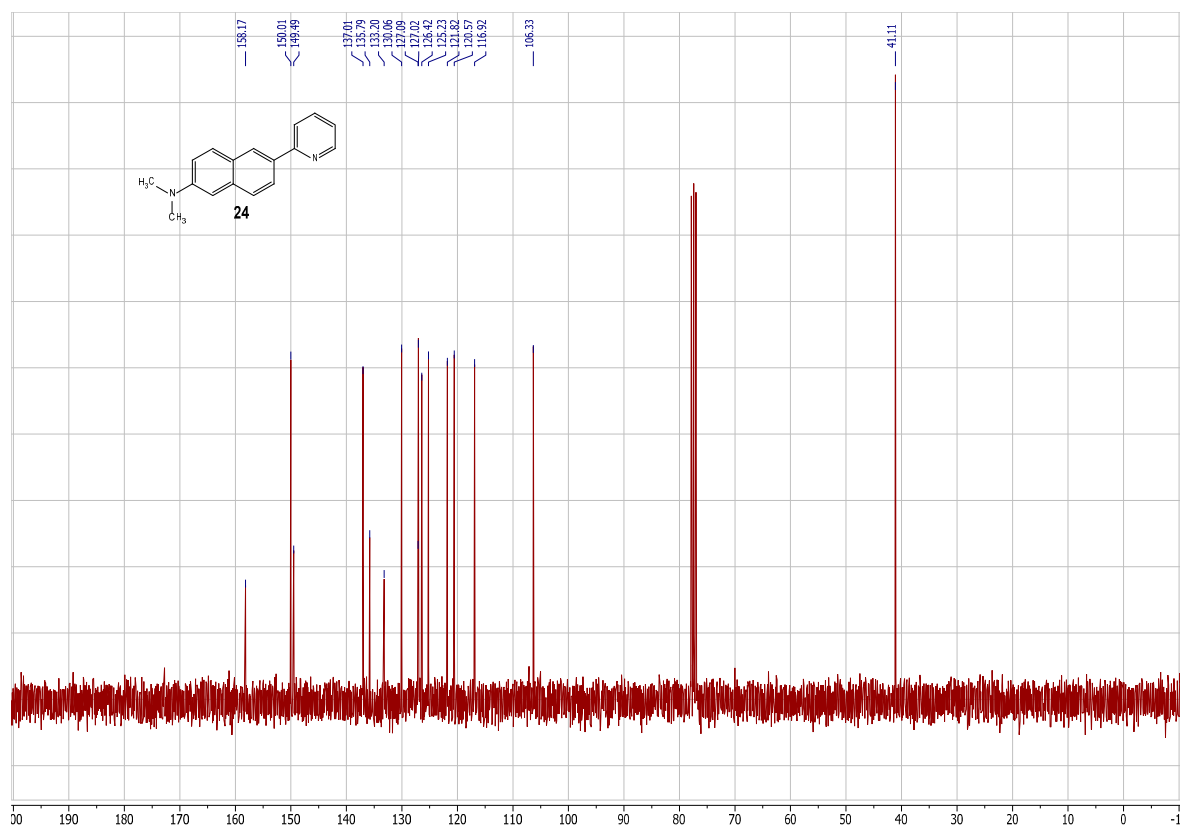
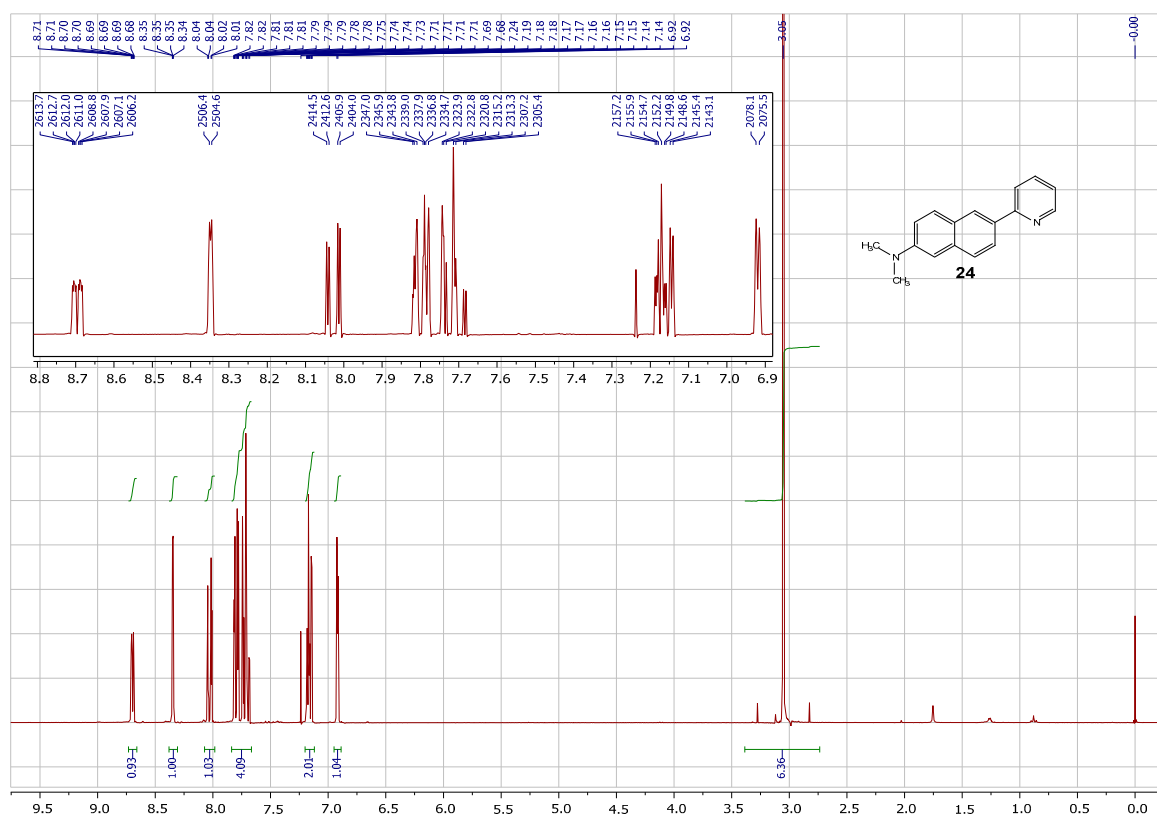


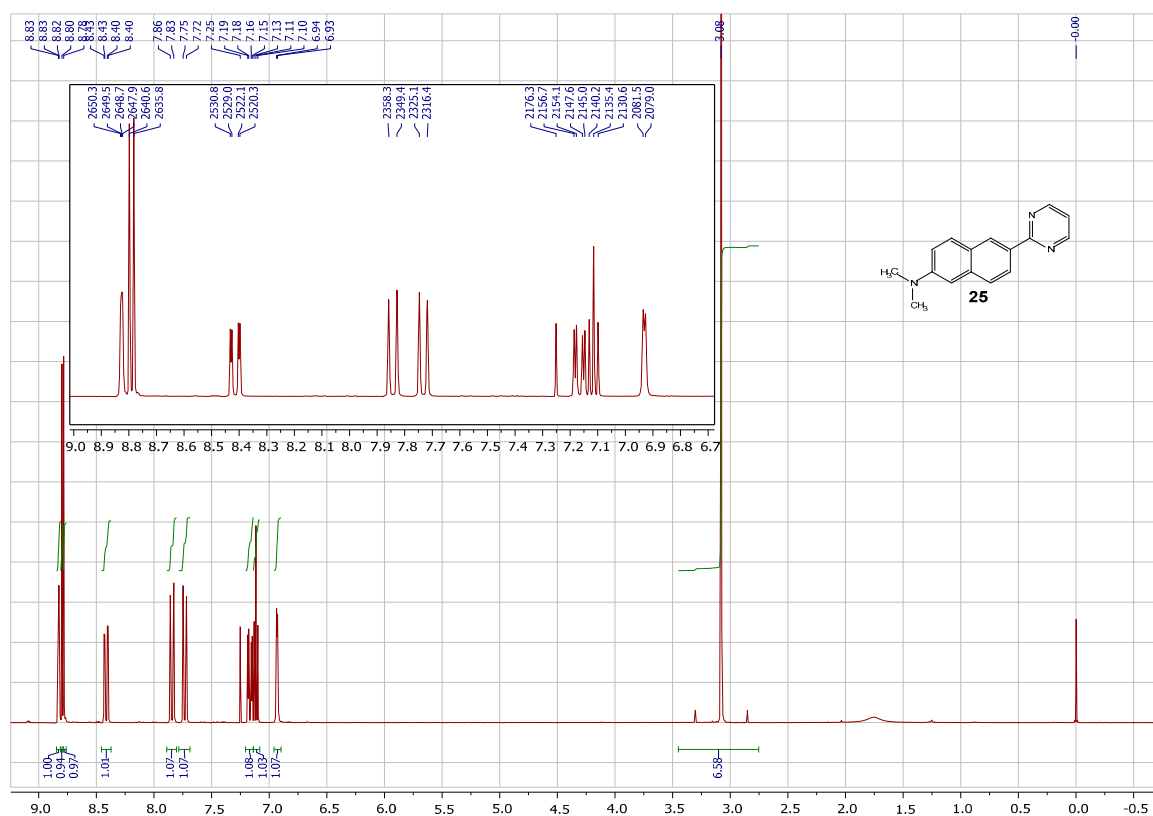
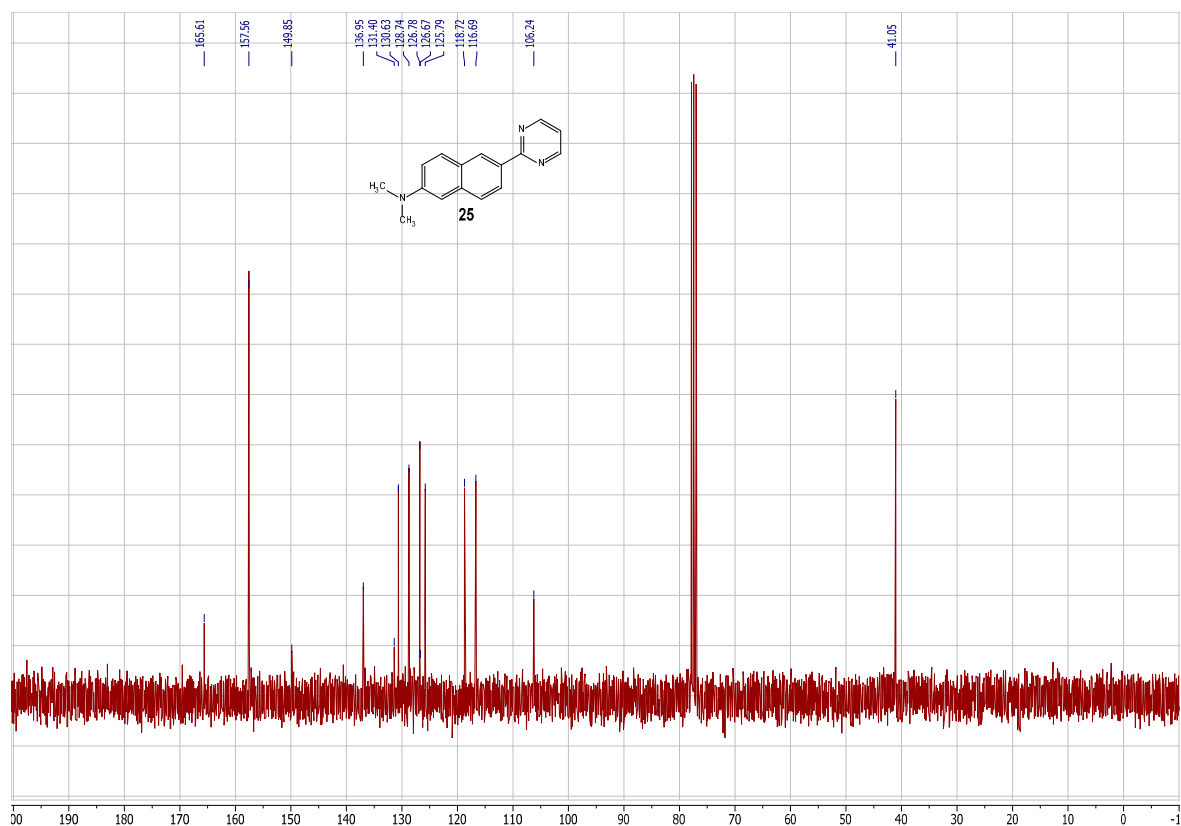
Figure S29. ¹H-NMR spectrum of the compound 19.

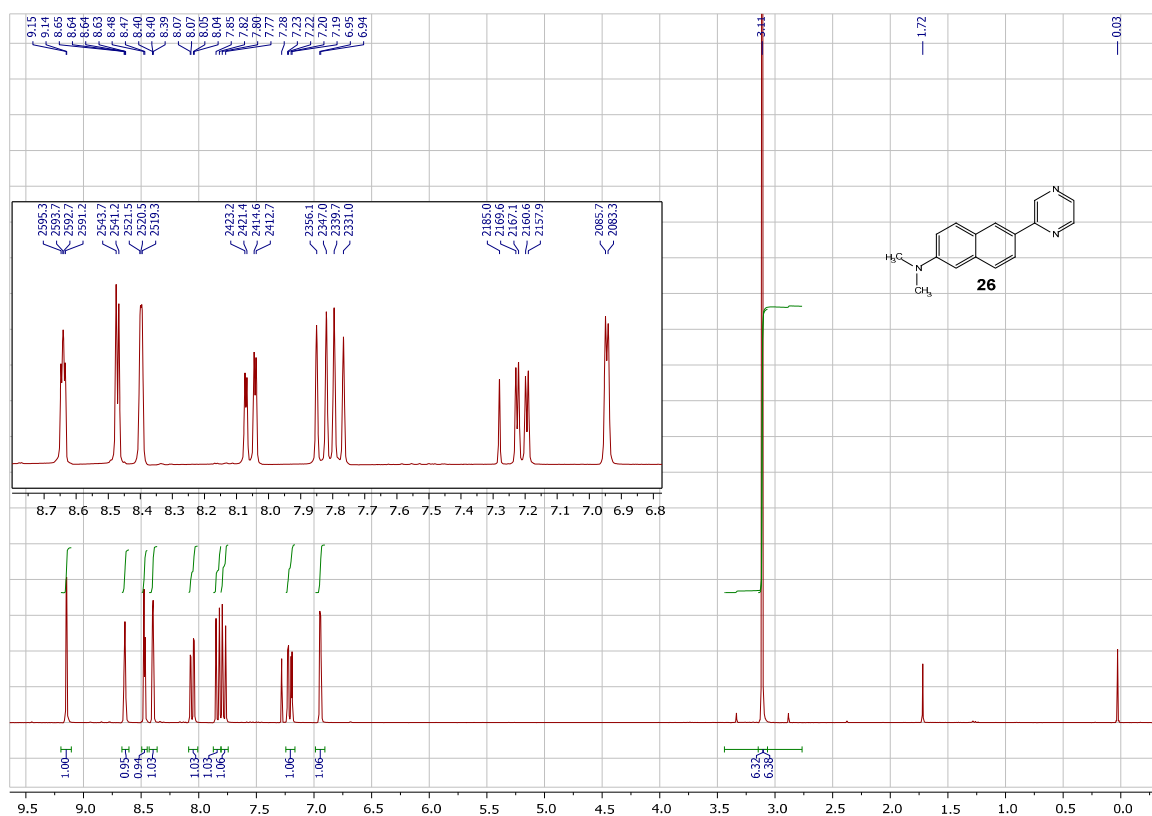
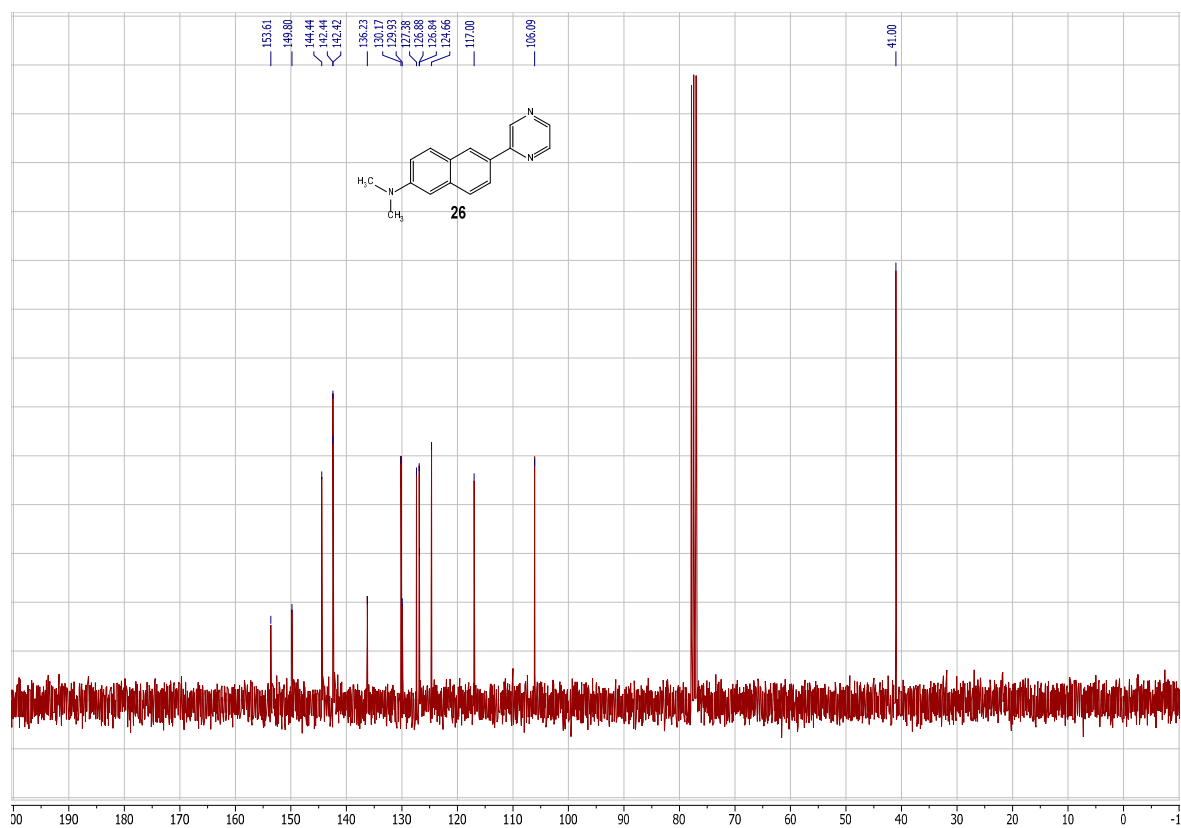


Figure S32. ¹H-NMR spectrum of the compound 21.Figure S33. ¹³C-NMR spectrum of the compound 21.

Figure S34. ¹H-NMR spectrum of the compound 22.Figure S35. ¹³C-NMR spectrum of the compound 22.



Figure S38. ¹H-NMR spectrum of the compound 25.Figure S39. ¹³C-NMR spectrum of the compound 25.

Figure S40. ¹H-NMR spectrum of the compound 26.Figure S41. ¹³C-NMR spectrum of the compound 26.

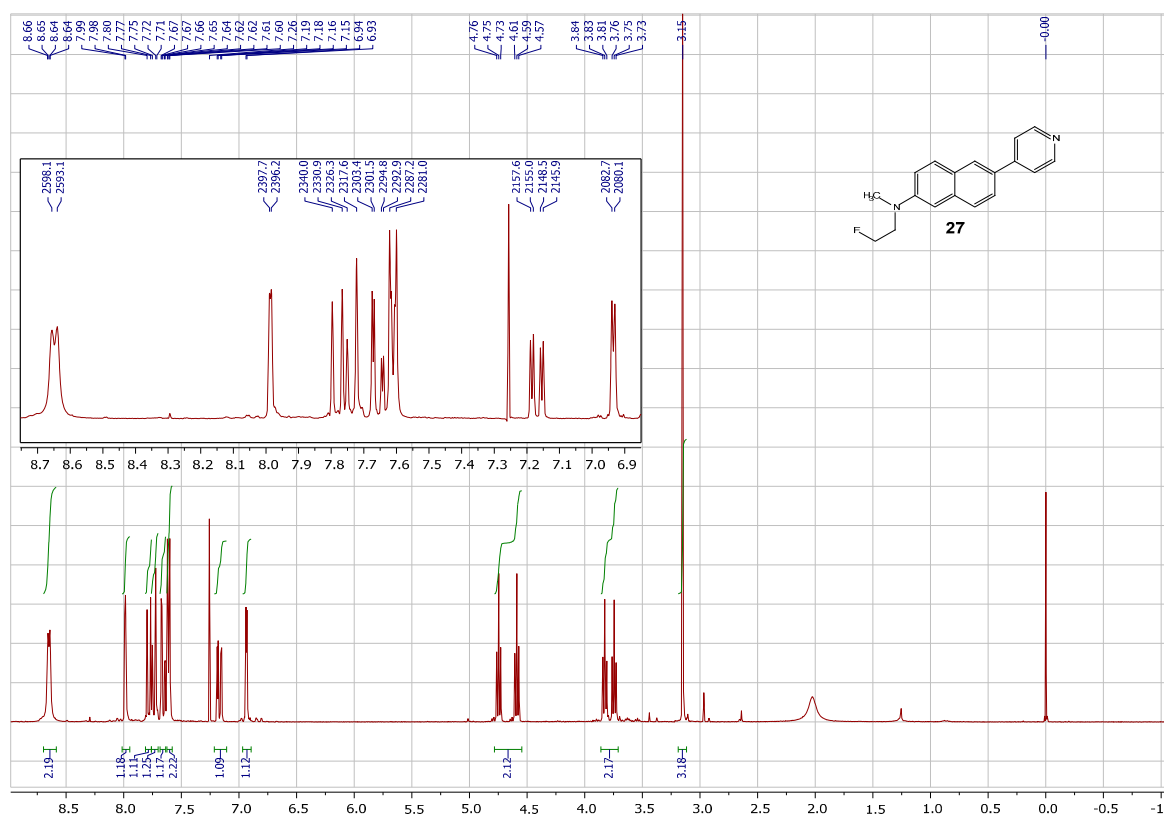


Figure S42. ^1H -NMR spectrum of the compound **27**.

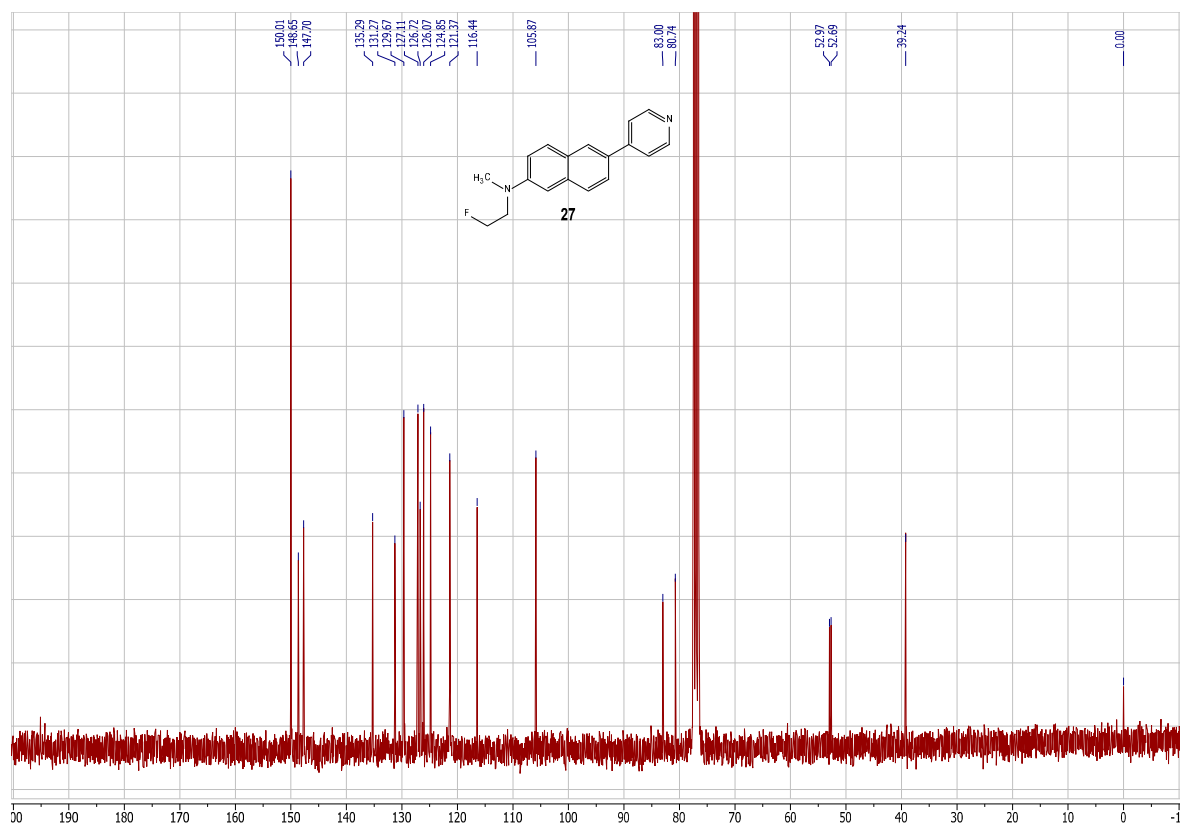


Figure S43. ^{13}C -NMR spectrum of the compound **27**.