

Efficient total synthesis of neocryptolepine and synthetic access to 6-methylquinindoline from a common intermediate

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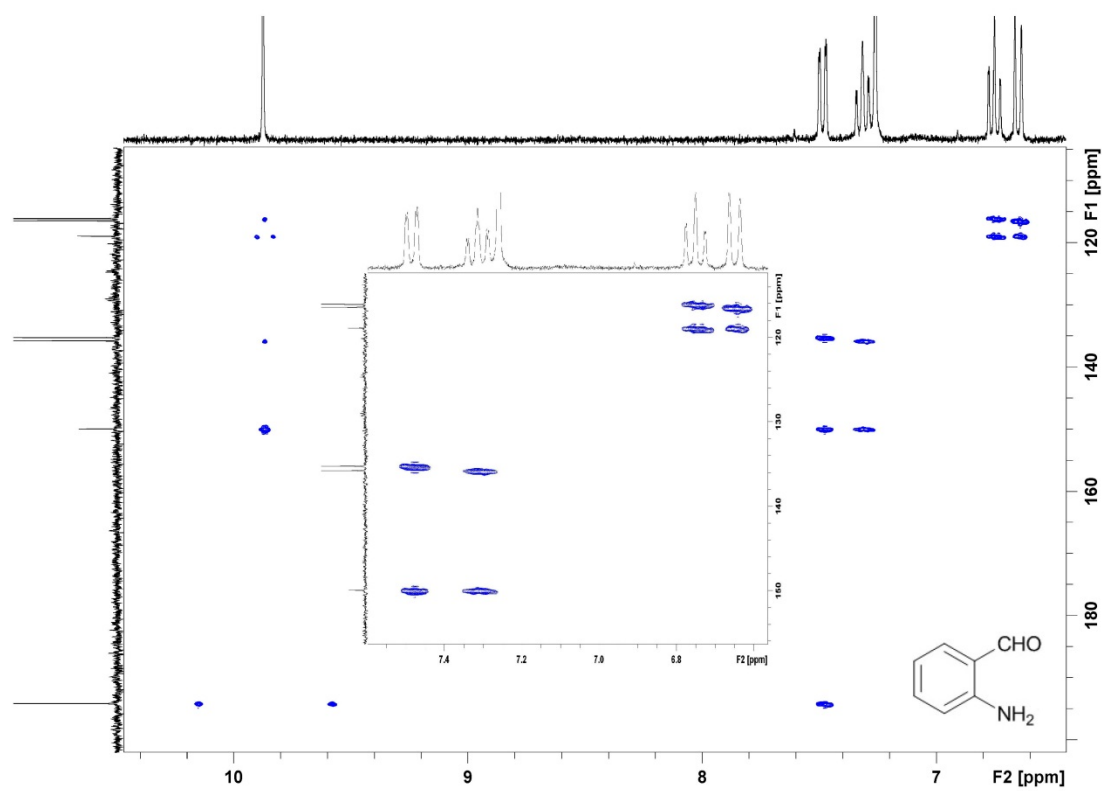
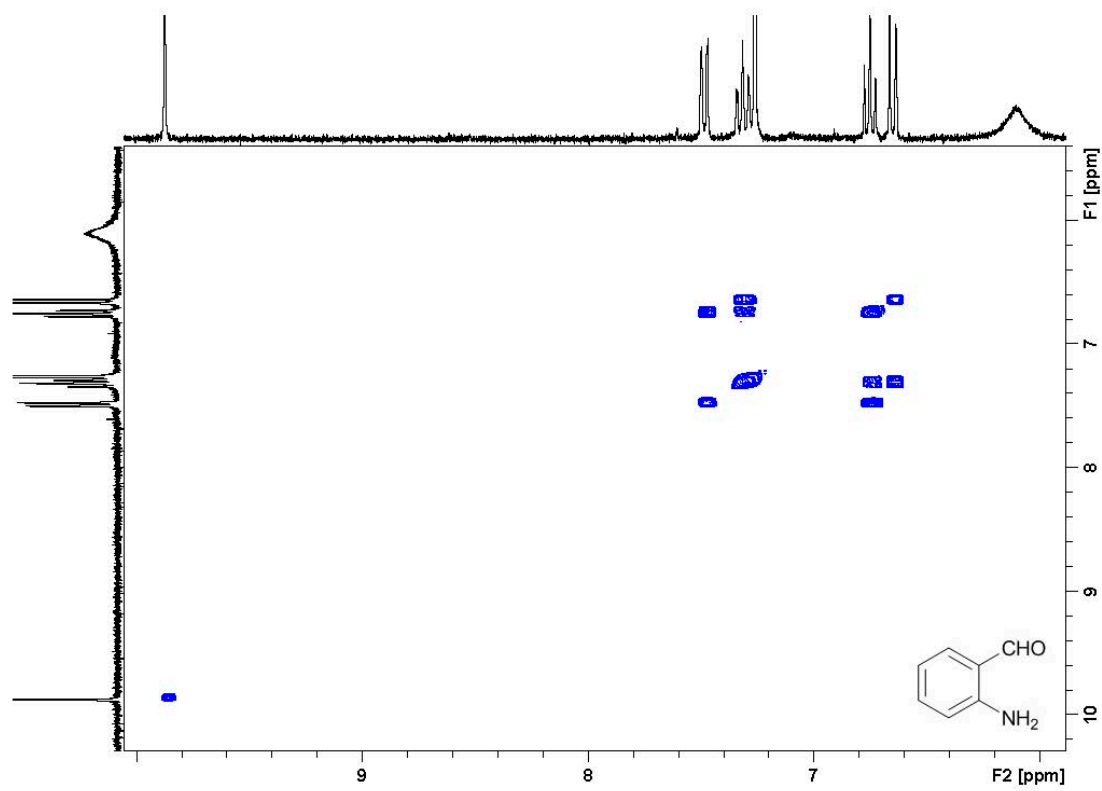


Figure S2. COSY (top) and HMBC (bottom) spectra of compound **15** in CDCl₃.

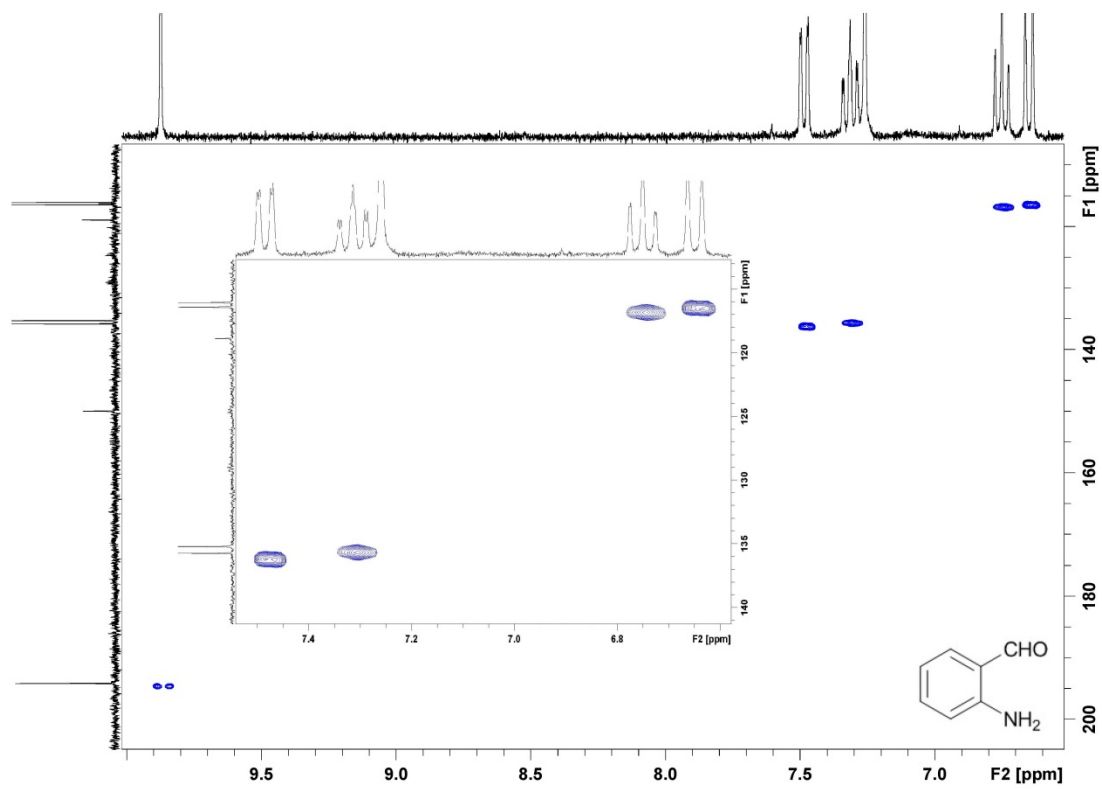


Figure S3. HSQC spectrum of compound **15** in CDCl₃.

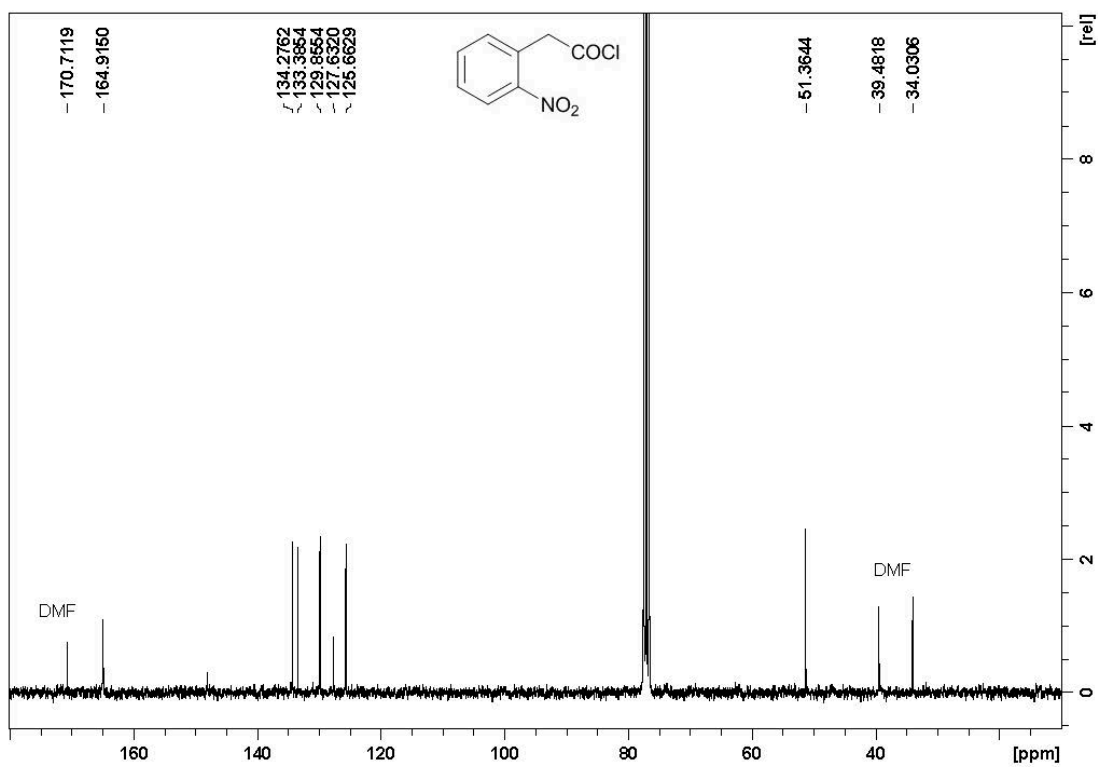
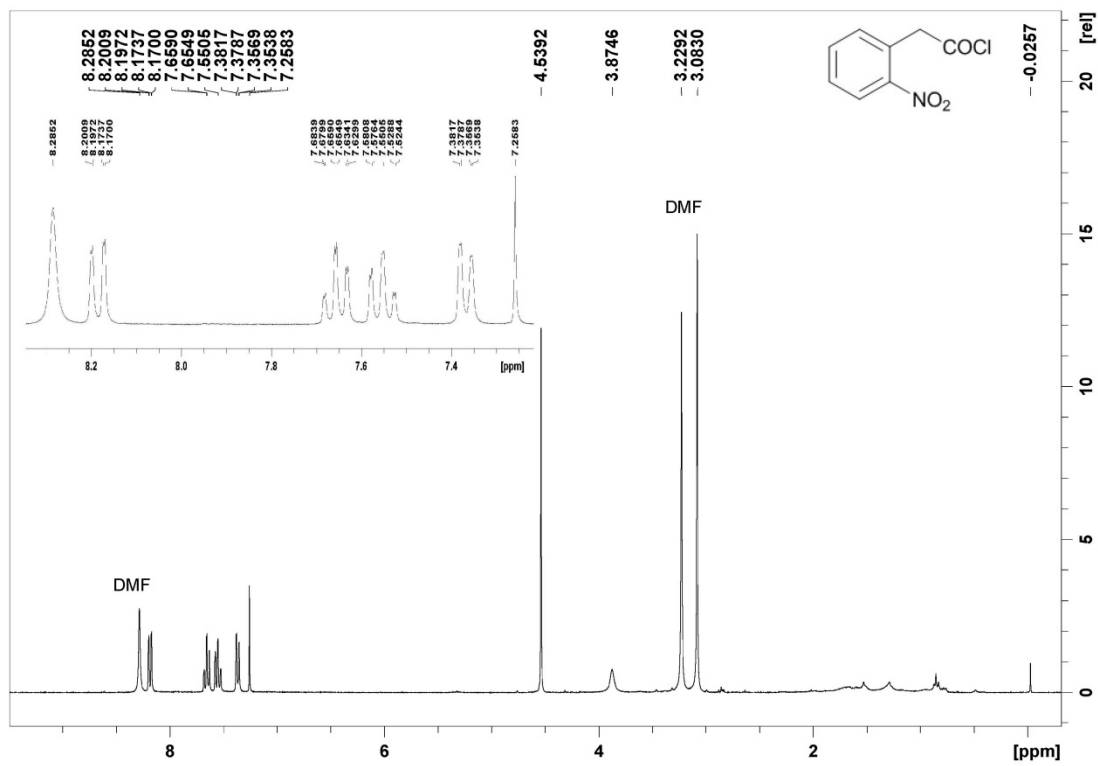


Figure S4. ¹H (top) and ¹³C (bottom) NMR spectra of compound **12a** in CDCl₃.

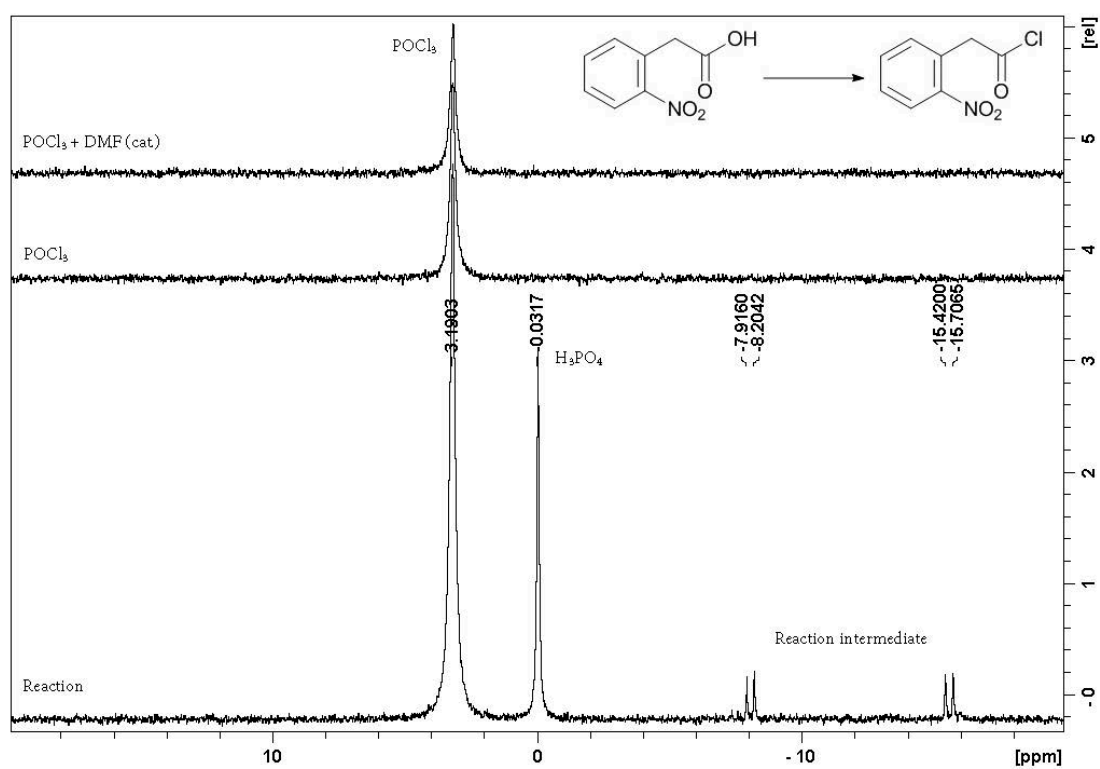
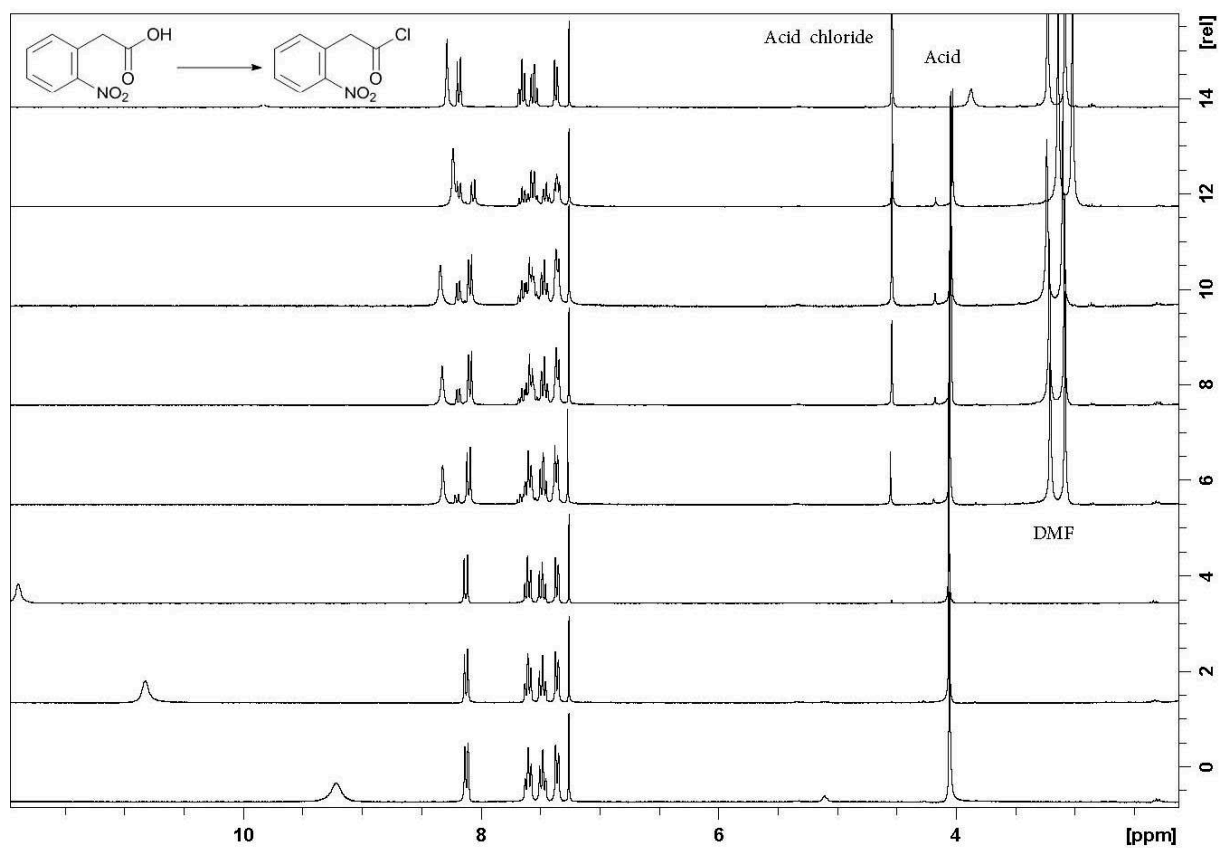


Figure S5. Top: Monitoring of the formation of the acid chloride **12a**. Bottom: ^{31}P NMR spectra of the phosphorus species in the reaction toward compound **12a** in CDCl_3 .

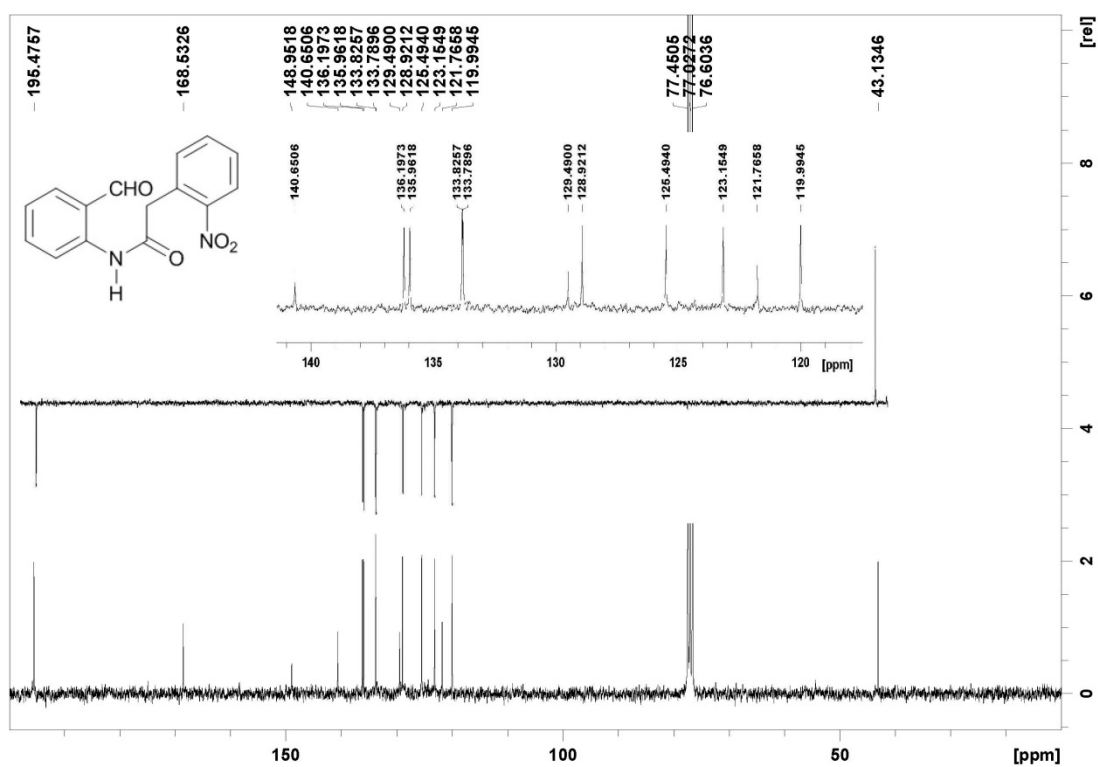
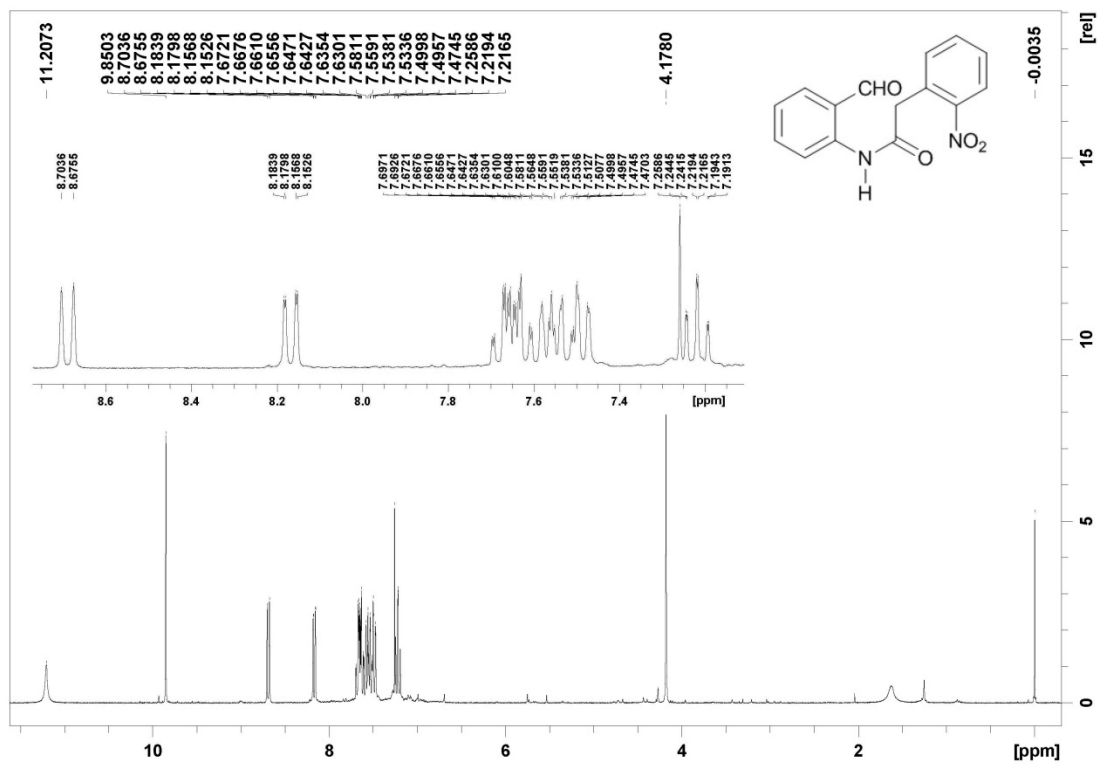


Figure S6. ¹H (top) and ¹³C (bottom) NMR spectra of compound **16** in CDCl₃.

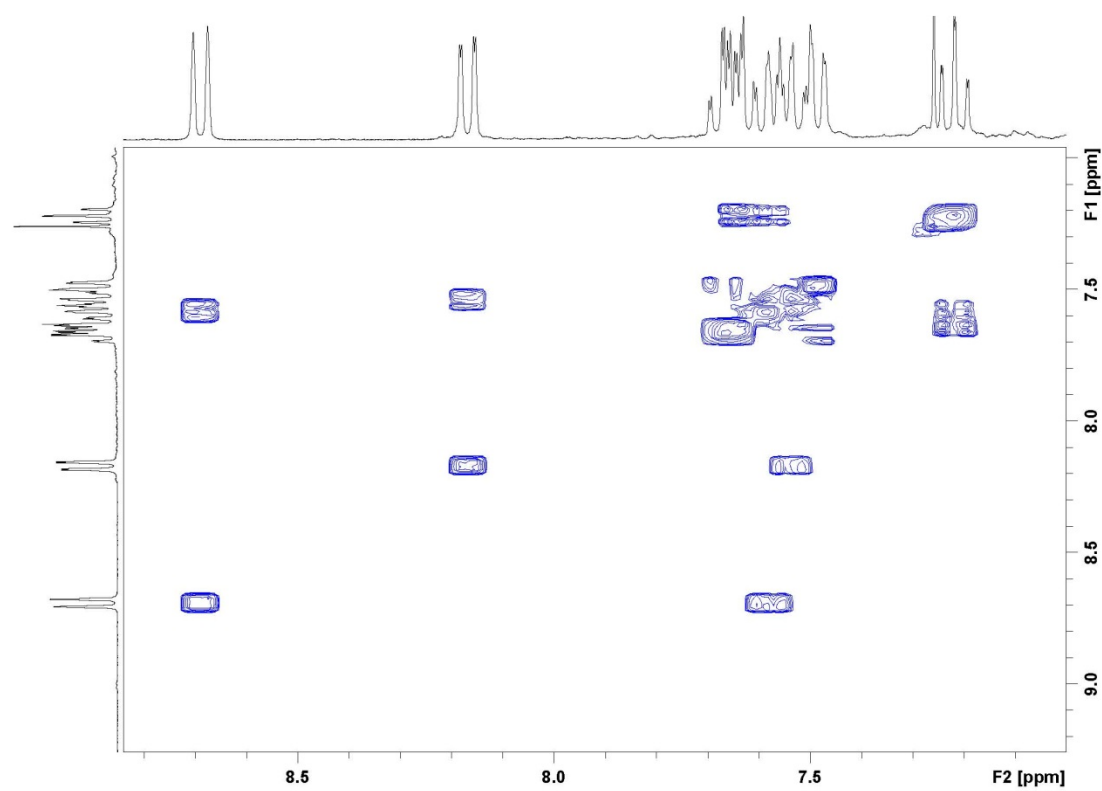
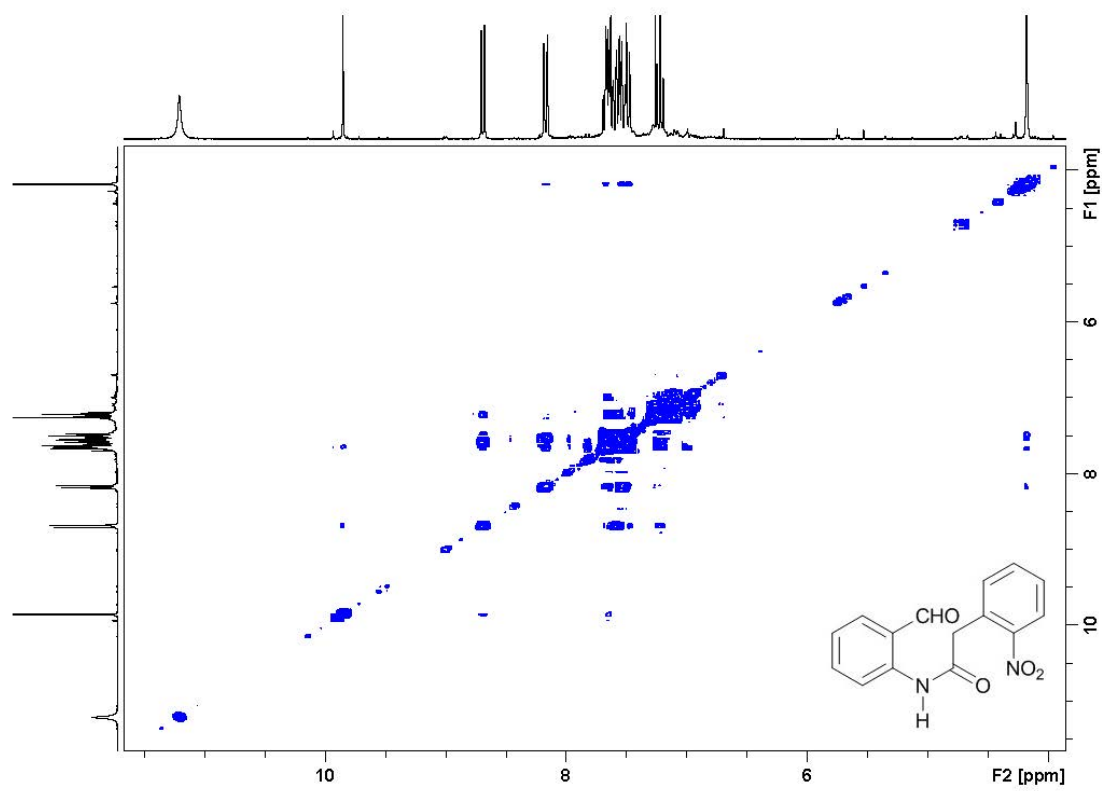


Figure S7. COSY (top) and zoom of COSY (bottom) spectra of compound **16** in CDCl₃.

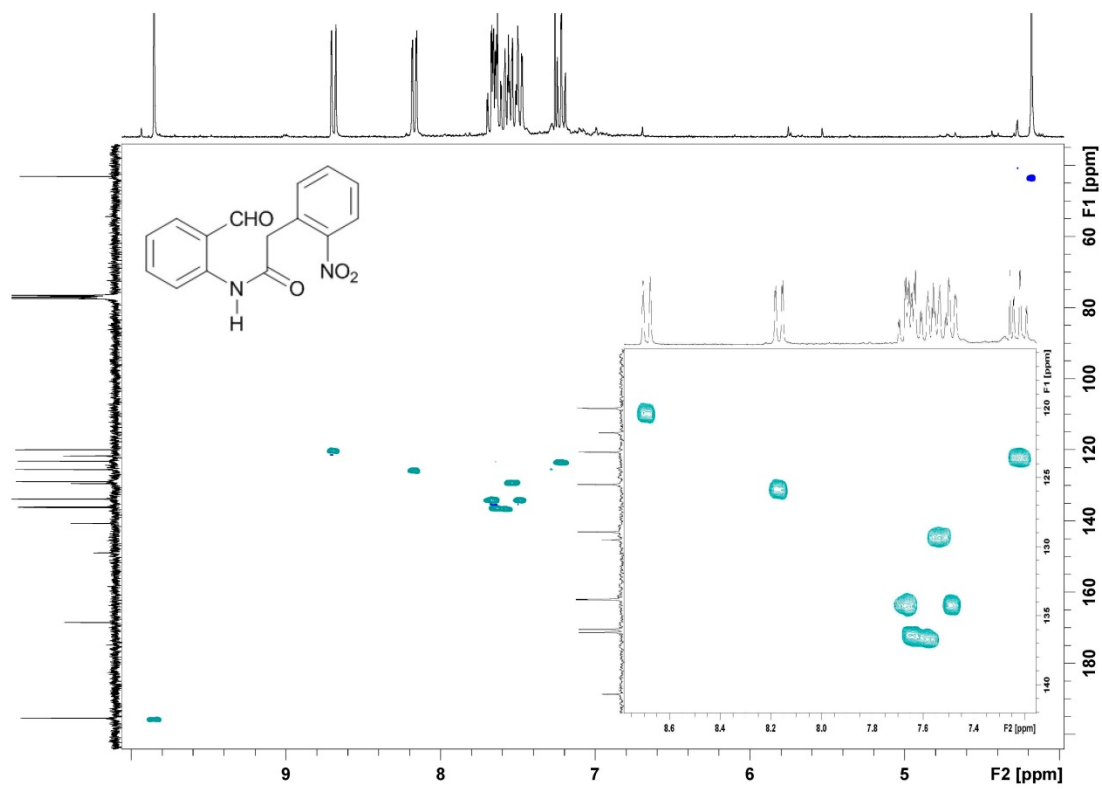


Figure S8. HSQC spectrum of compound **16** in CDCl₃.

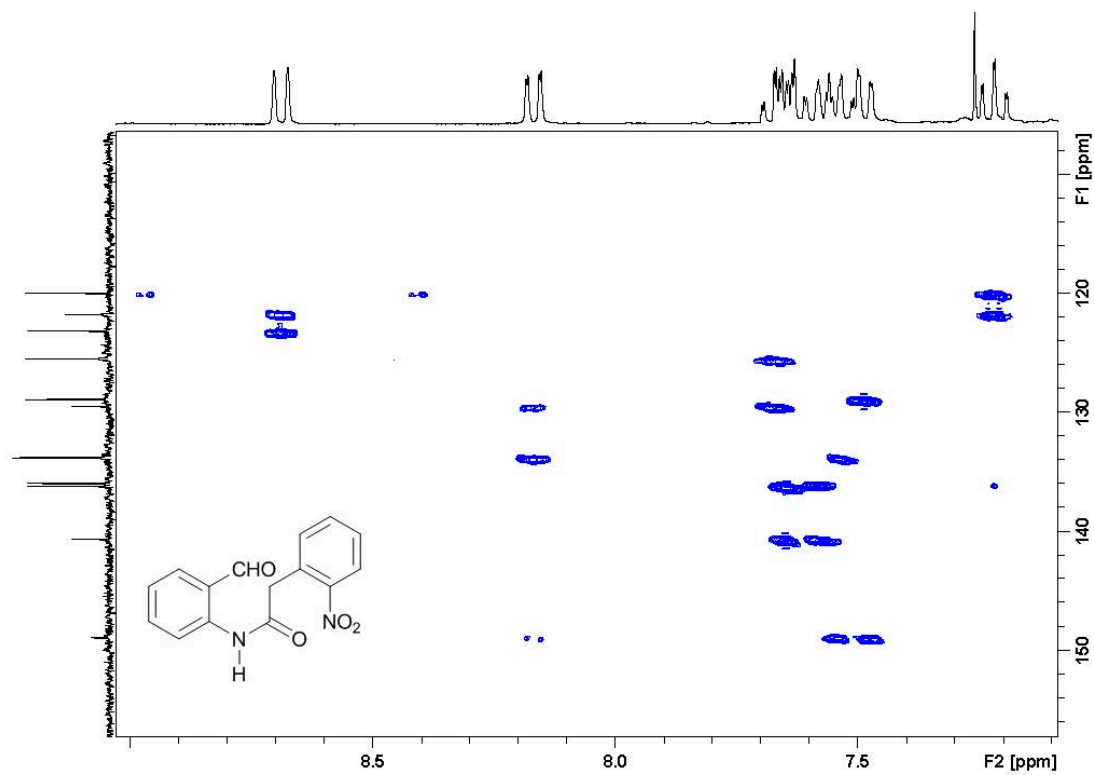
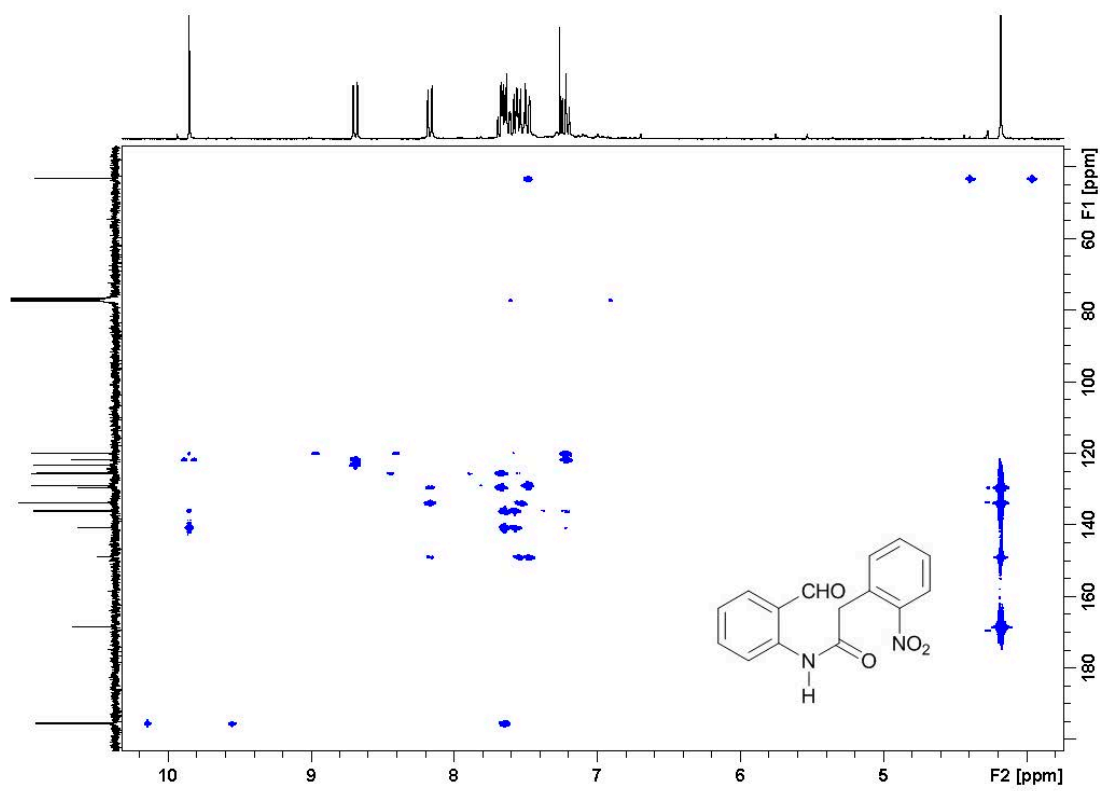


Figure S9. HMBC (top) and zoom of HMBC (bottom) spectra of compound 16 in CDCl_3 .

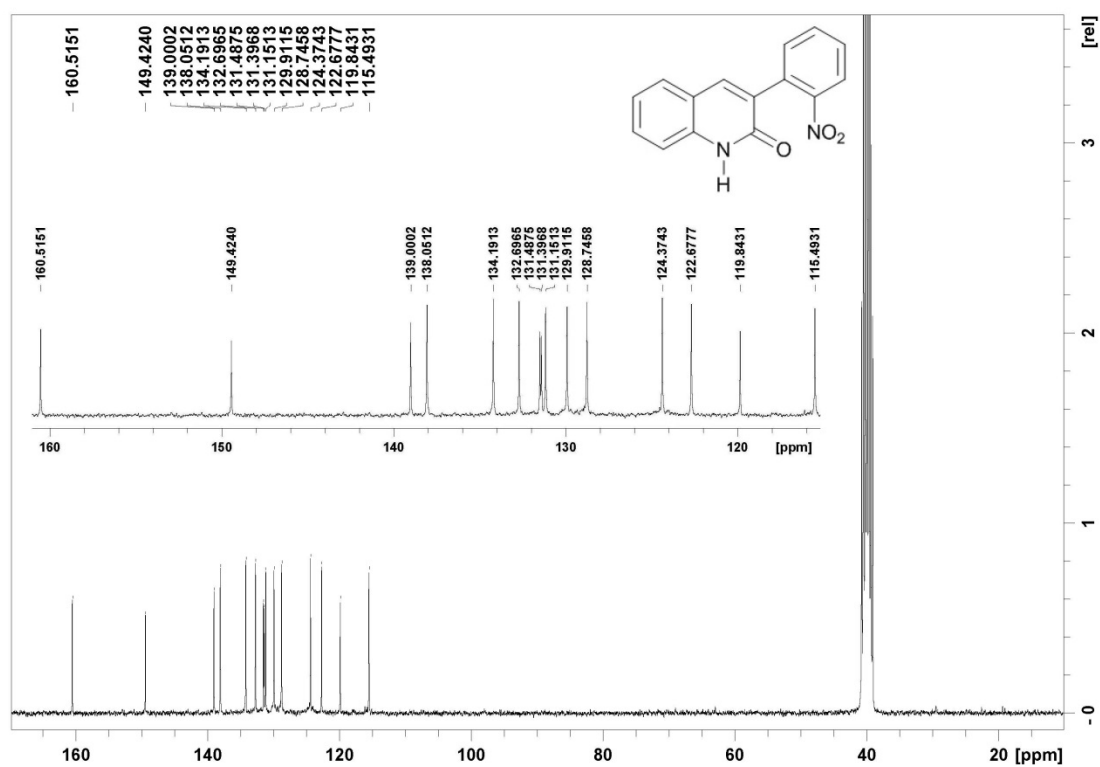
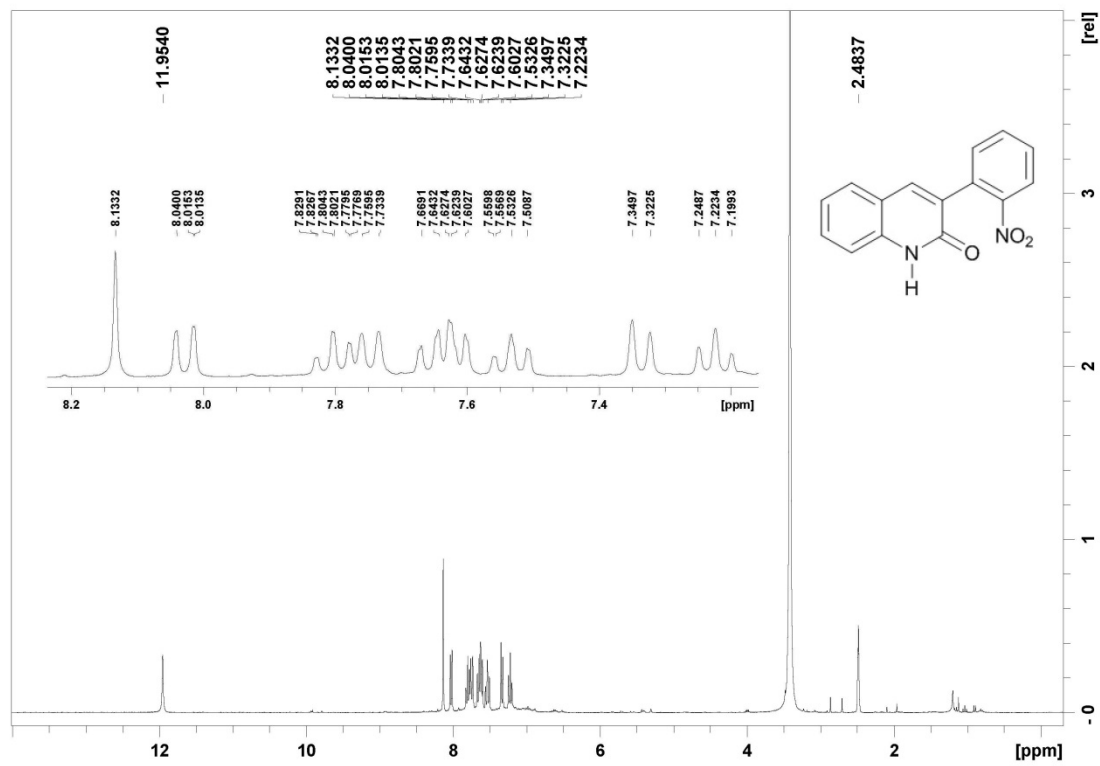


Figure S10. ¹H (top) and ¹³C (bottom) NMR spectra of compound **11** in DMSO-*d*₆.

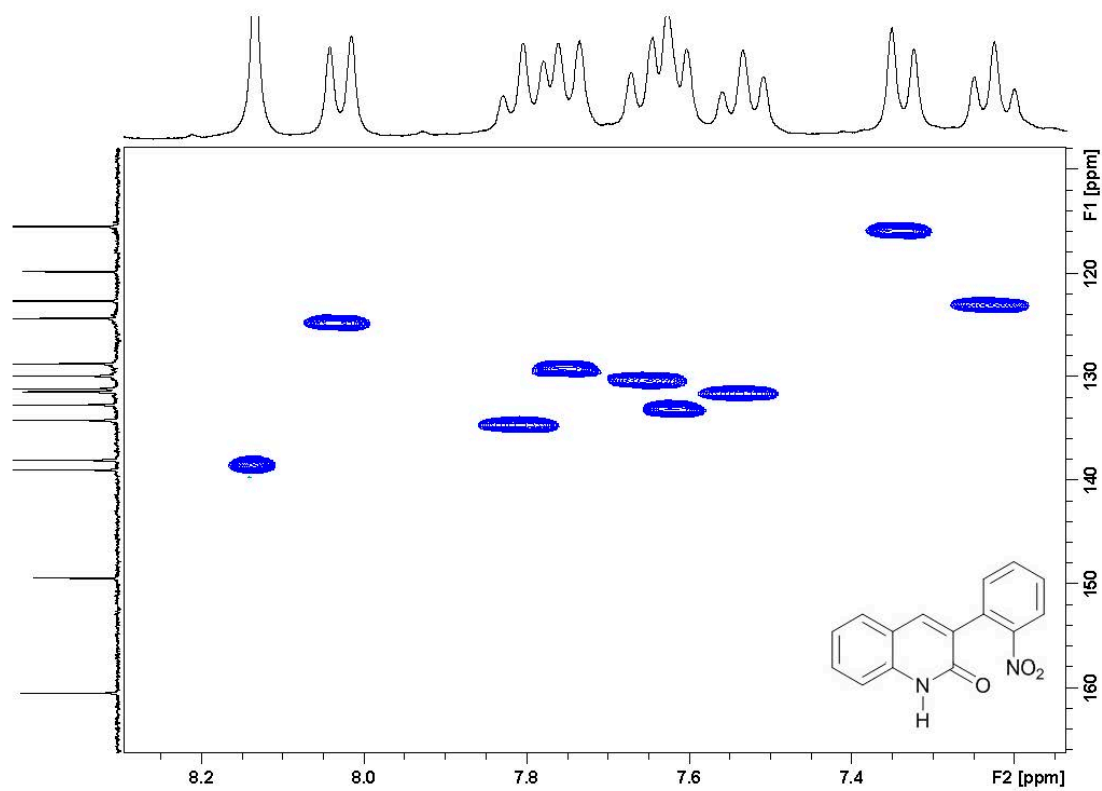
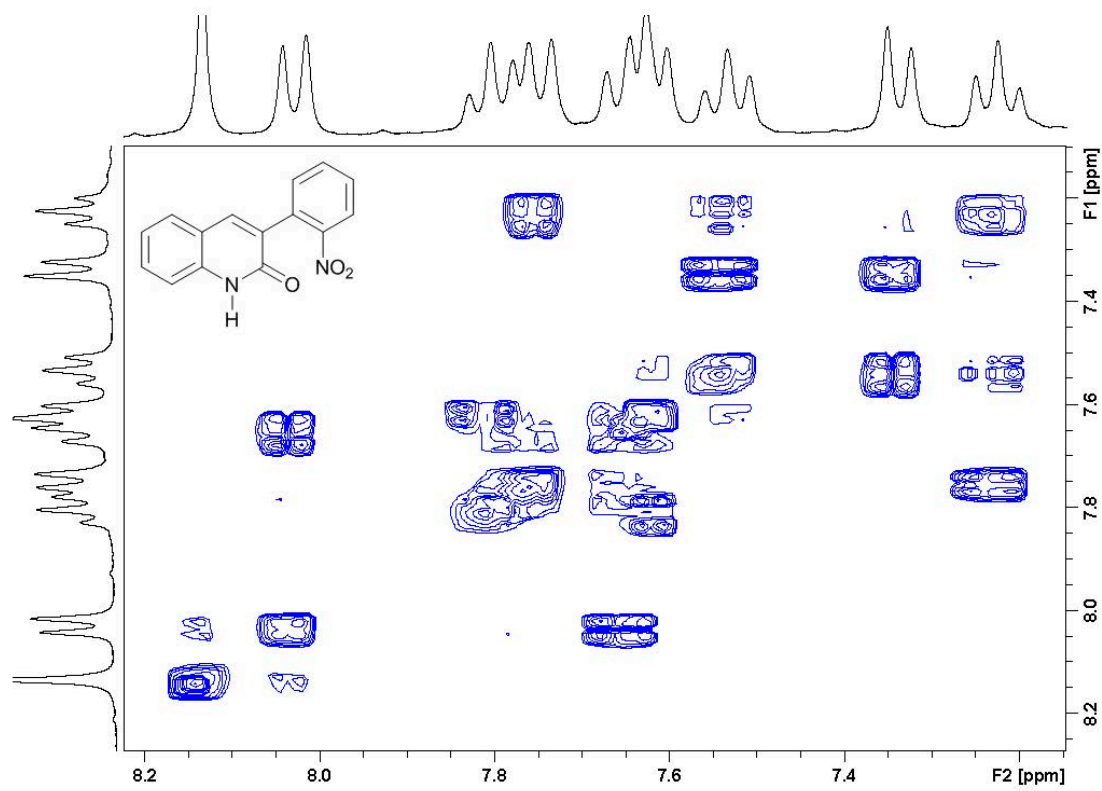


Figure S11. COSY (top) and HSQC (bottom) spectra of compound **11** in DMSO- d_6 .

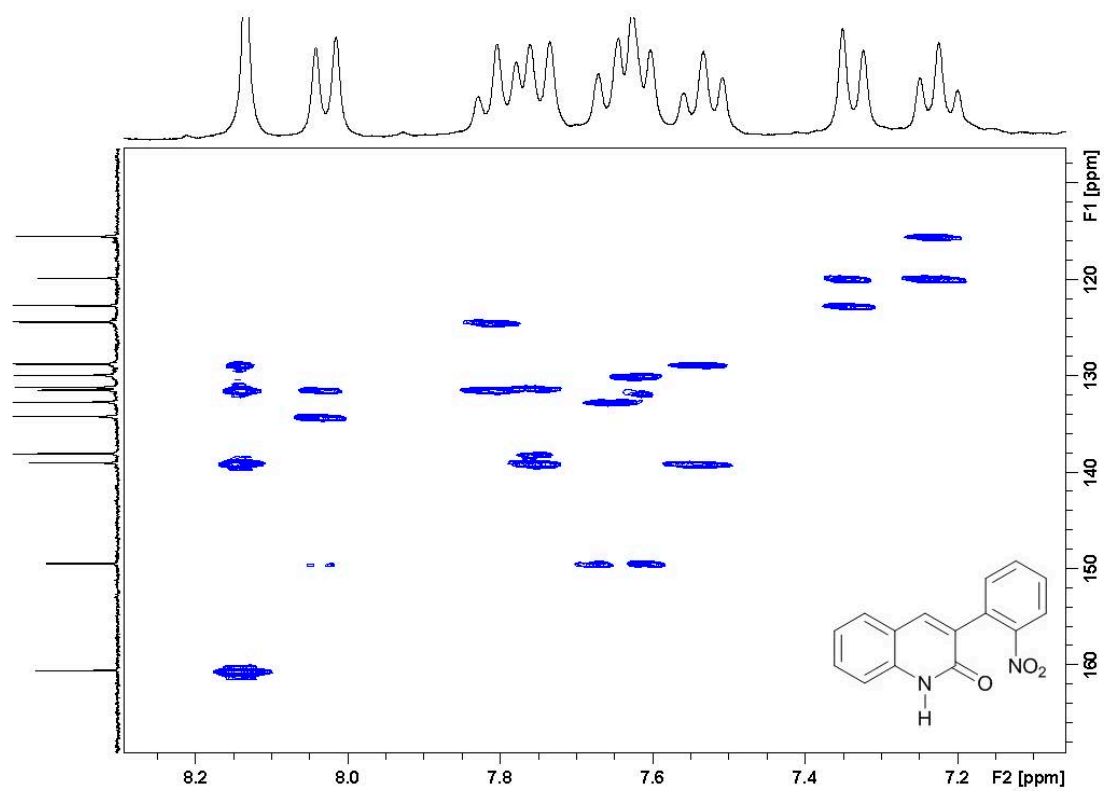


Figure S12. HMBC spectrum of compound **11** in DMSO- d_6 .

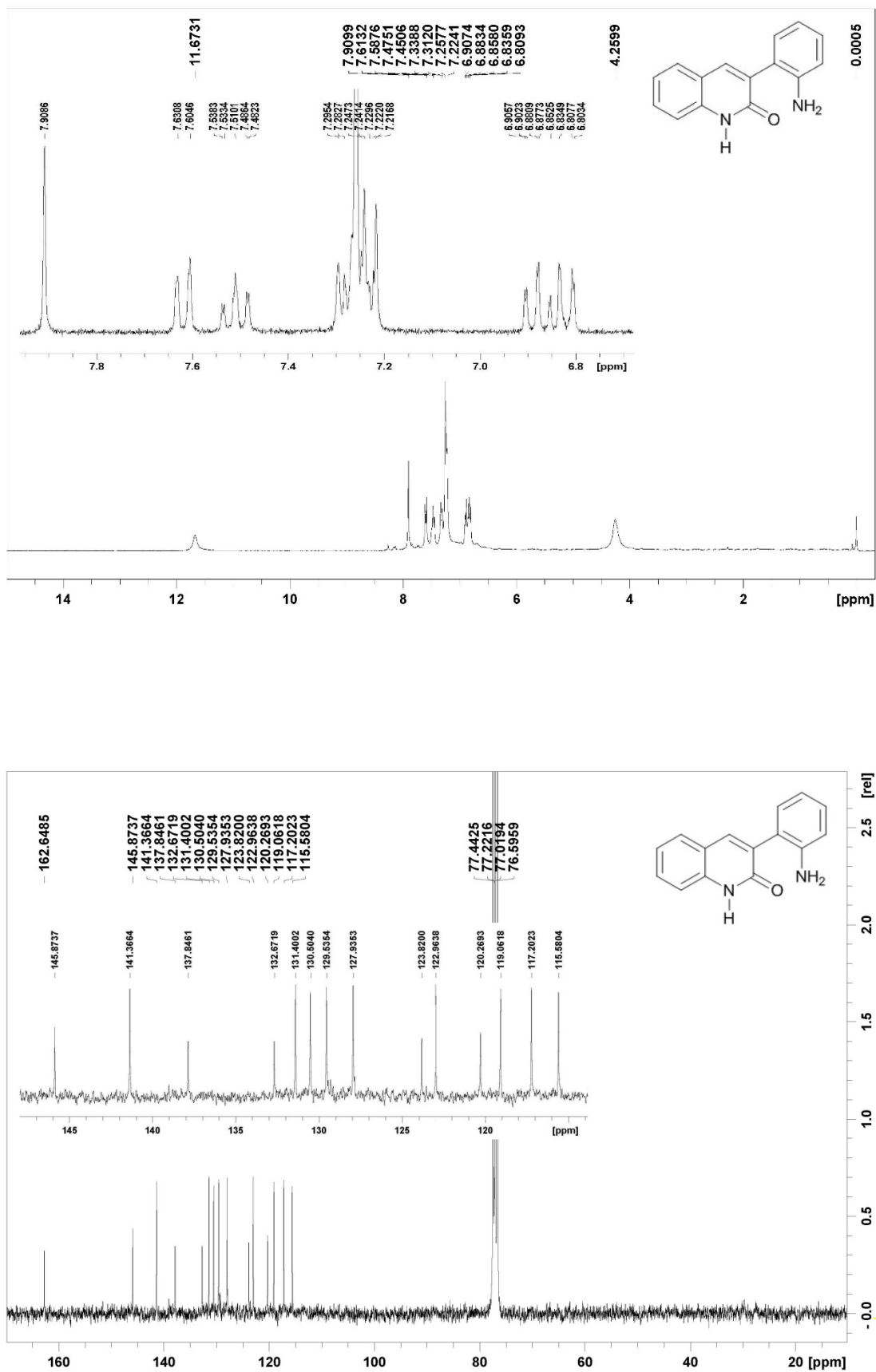


Figure S13. ¹H (top) and ¹³C (bottom) NMR spectra of compound **18** in CDCl₃.

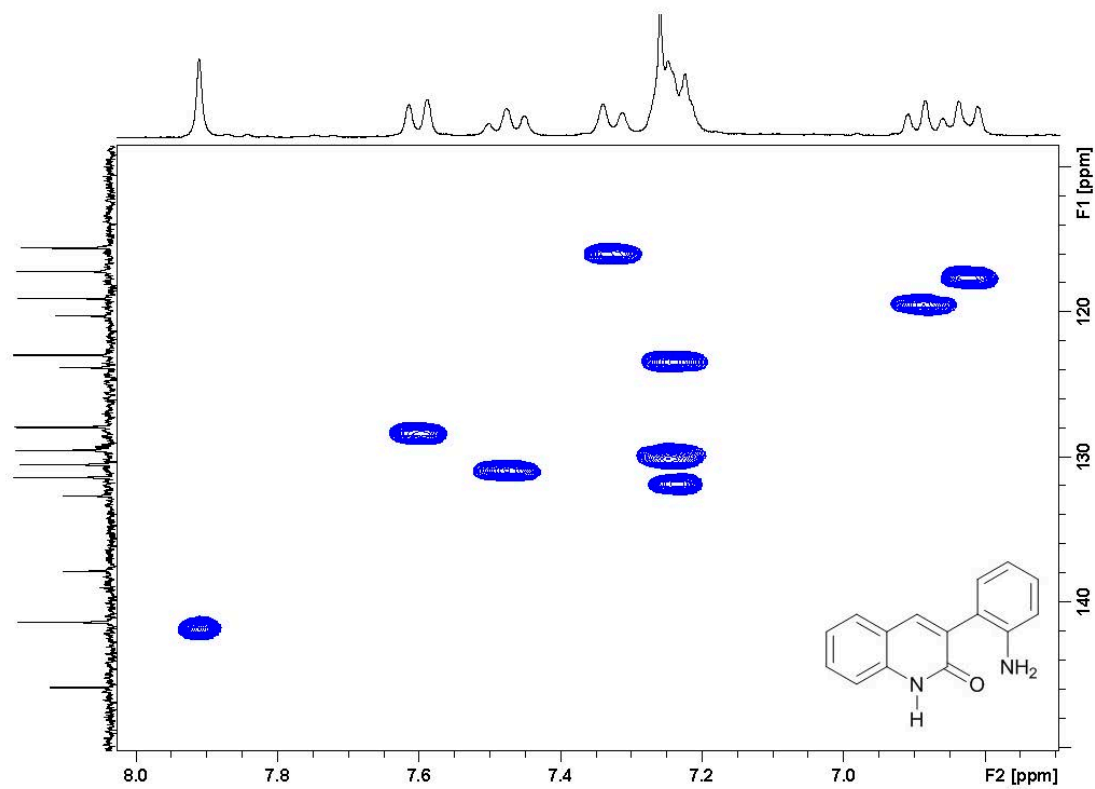
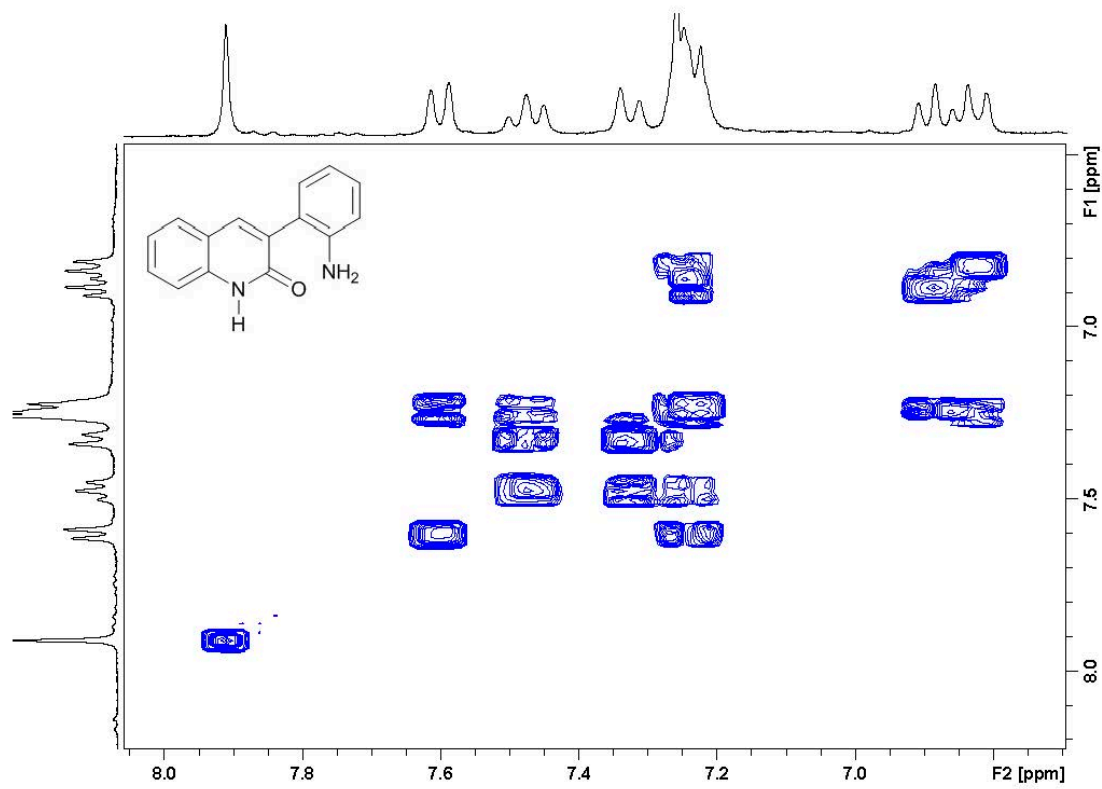


Figure S14. COSY (top) and HSQC (bottom) spectra of compound **18** in CDCl₃.

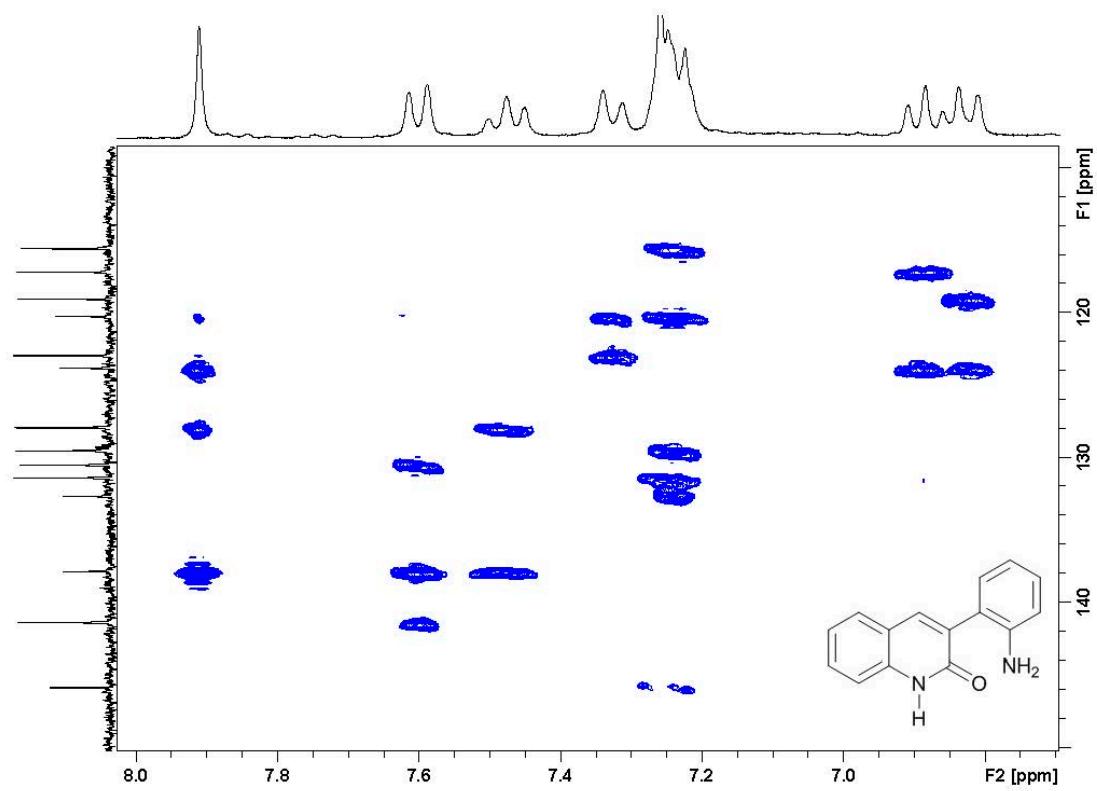


Figure S15. HMBC spectrum of compound **18** in CDCl₃.

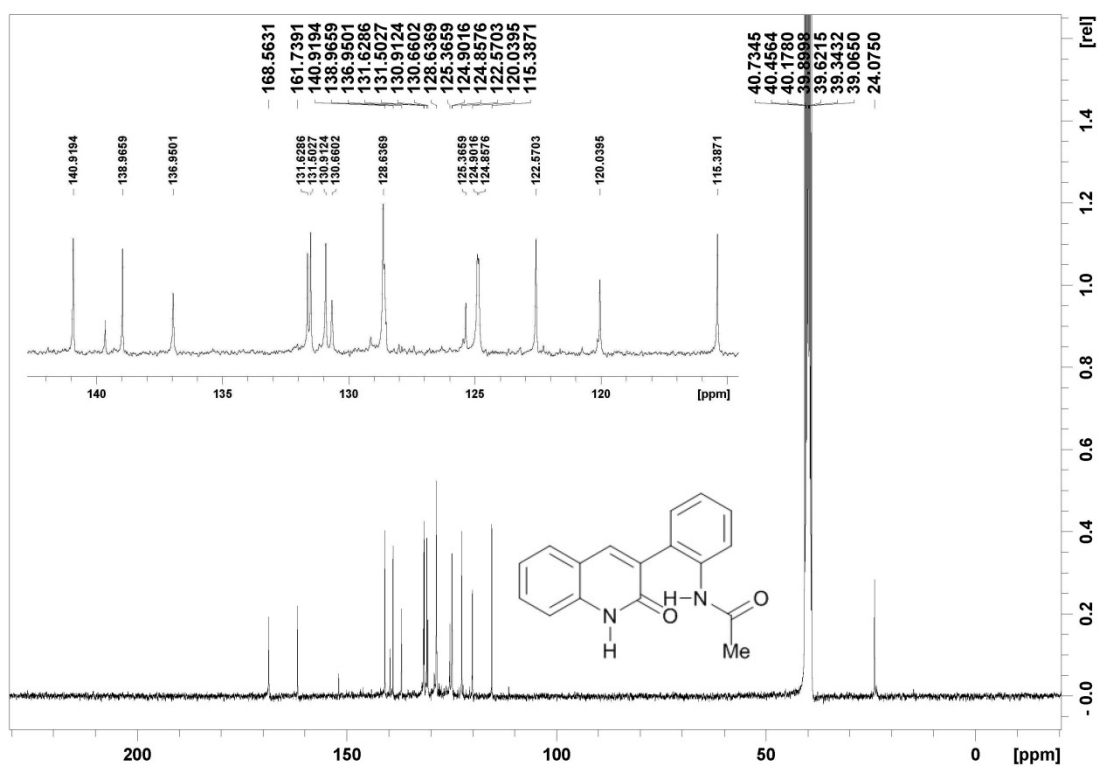
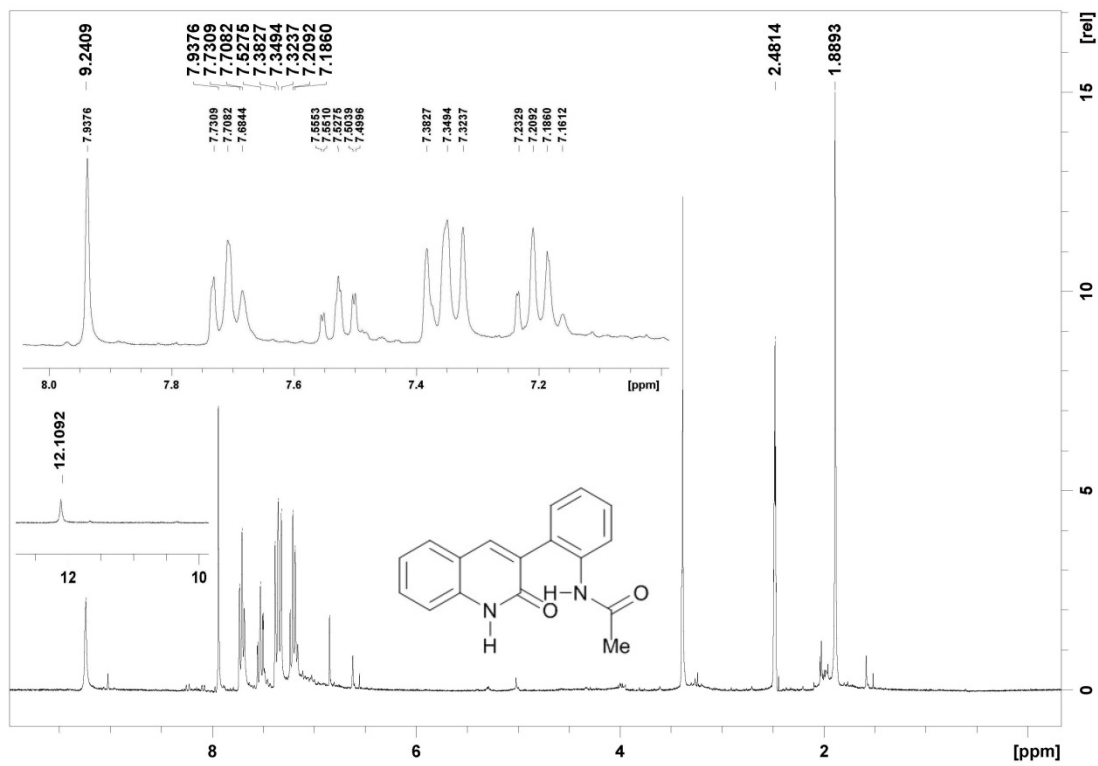


Figure S16. ¹H (top) and ¹³C (bottom) NMR spectra of compound 17 in DMSO-*d*₆.

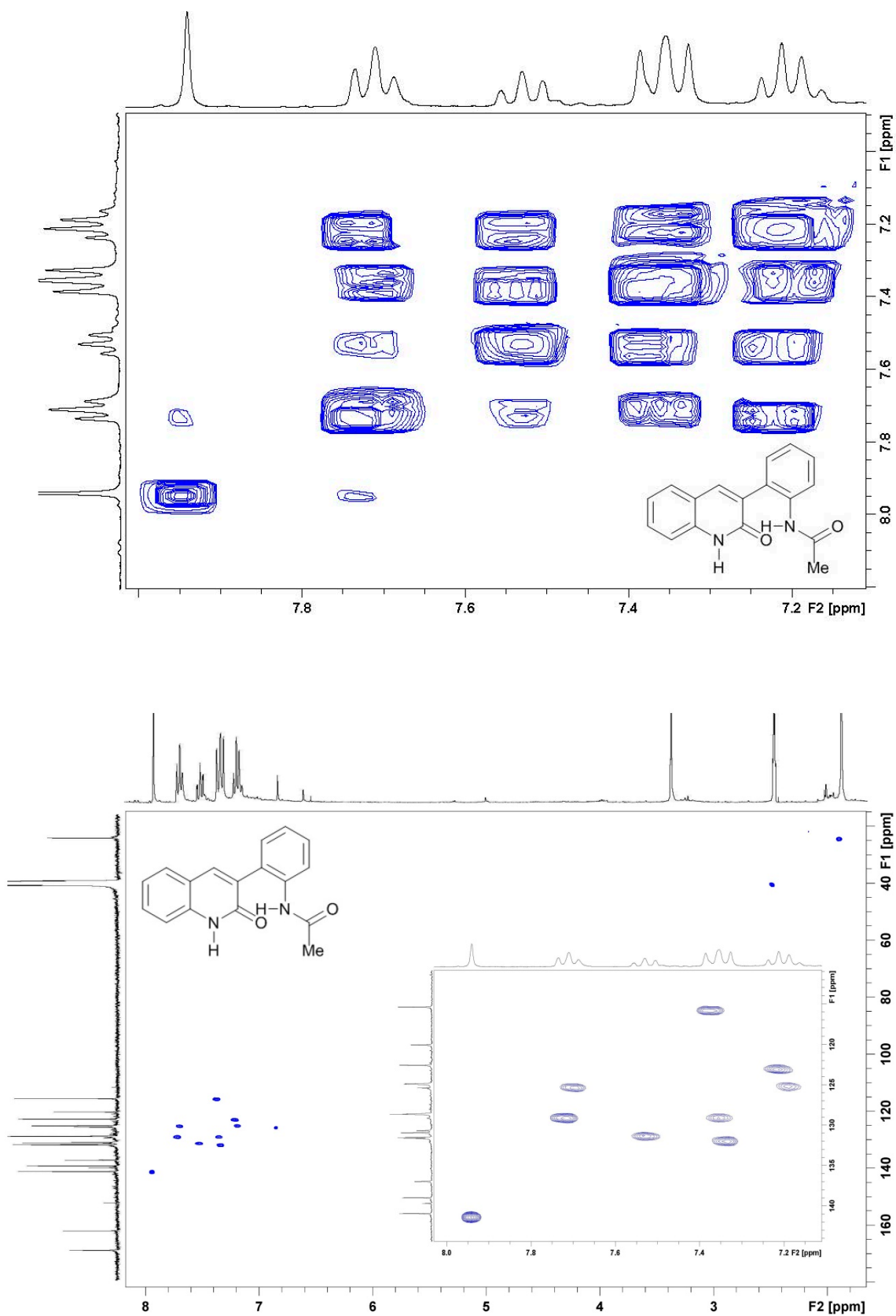


Figure S17. COSY (top) and HSQC (bottom) spectra of compound 17 in DMSO-*d*₆.

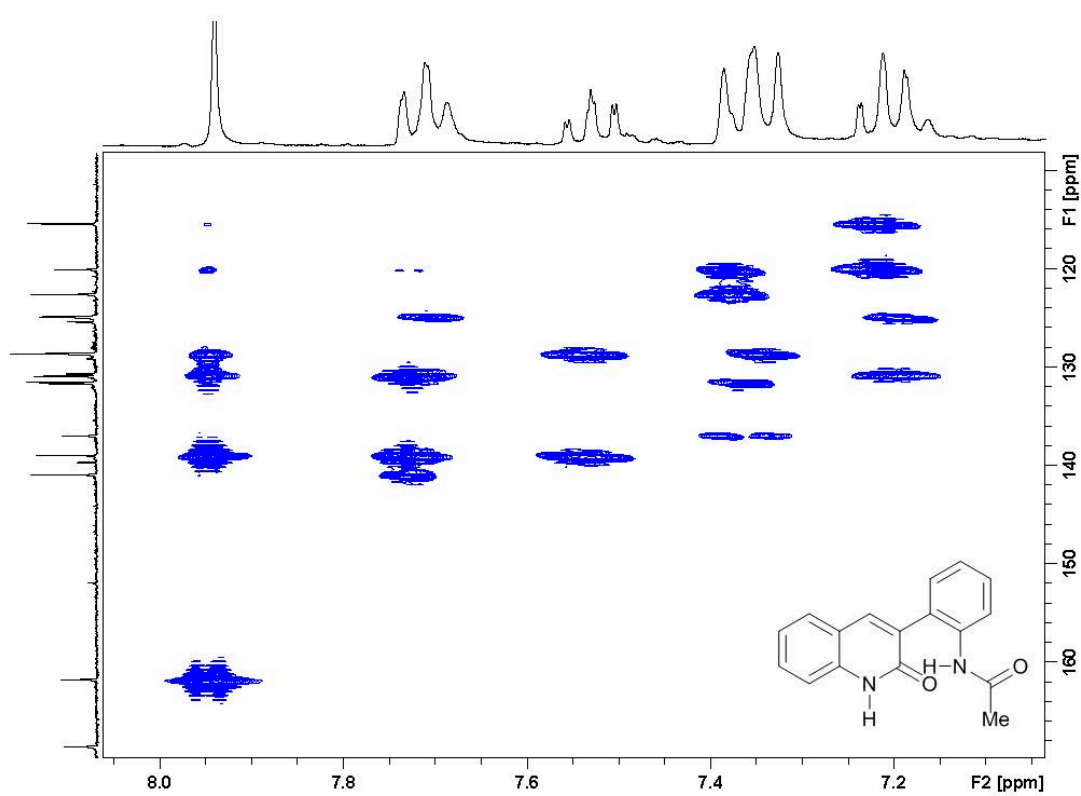
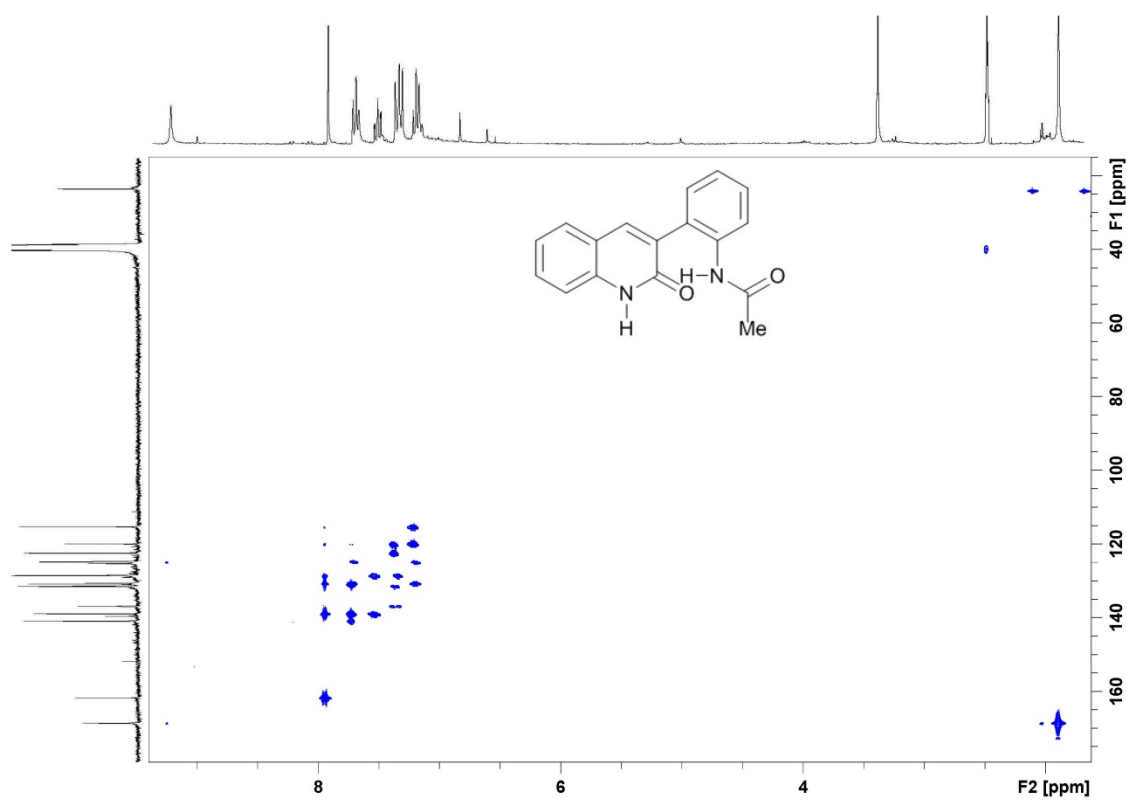


Figure S18. HMBC (top) and zoom of HMBC (bottom) spectra of compound **17** in $\text{DMSO-}d_6$.

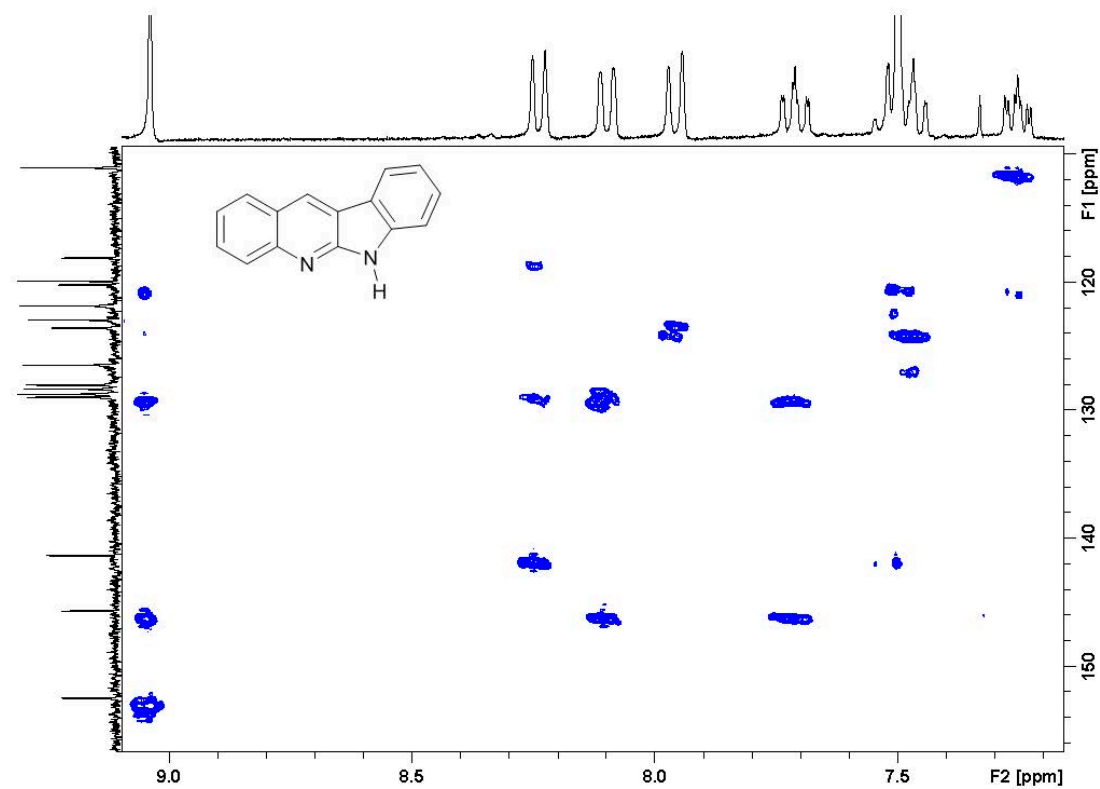
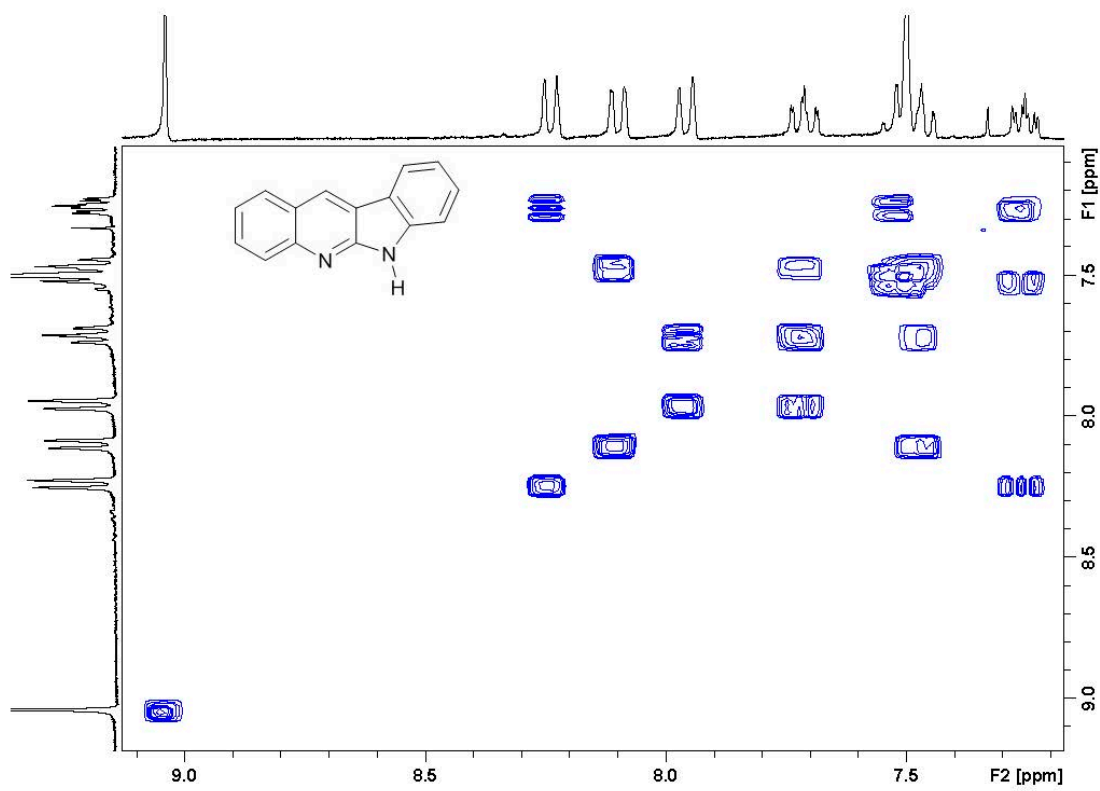


Figure S20. COSY (top) and HMBC (bottom) spectra of compound **8** in DMSO-*d*₆.

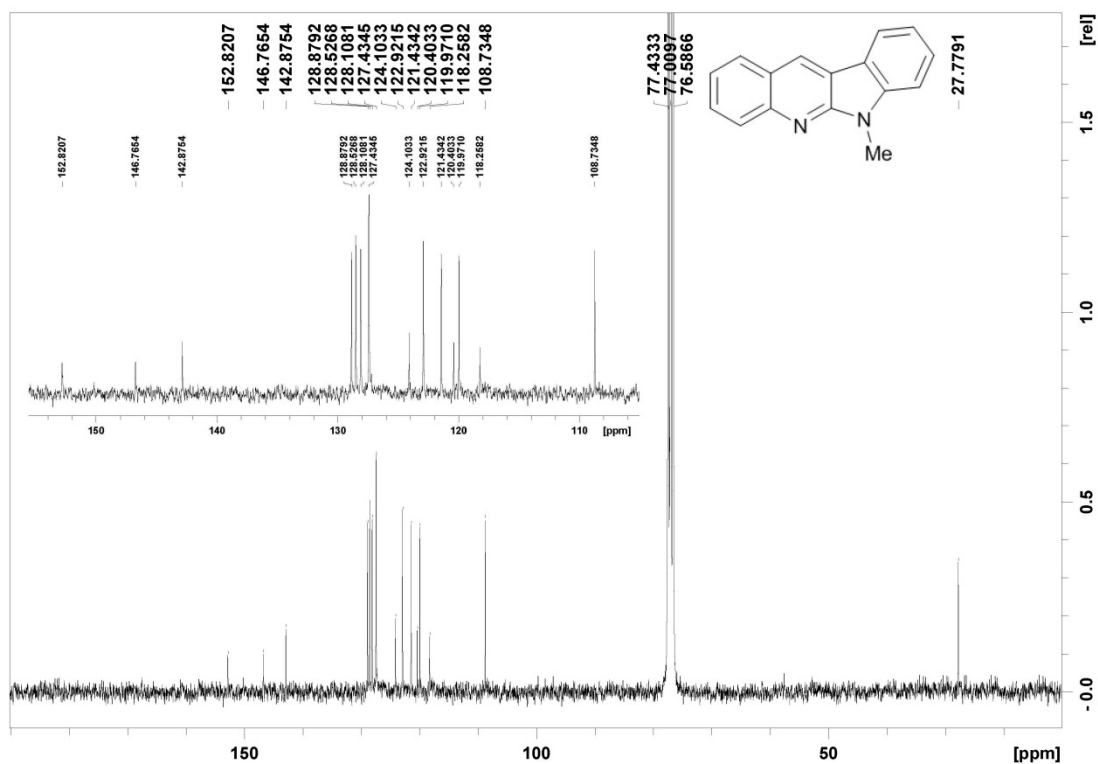
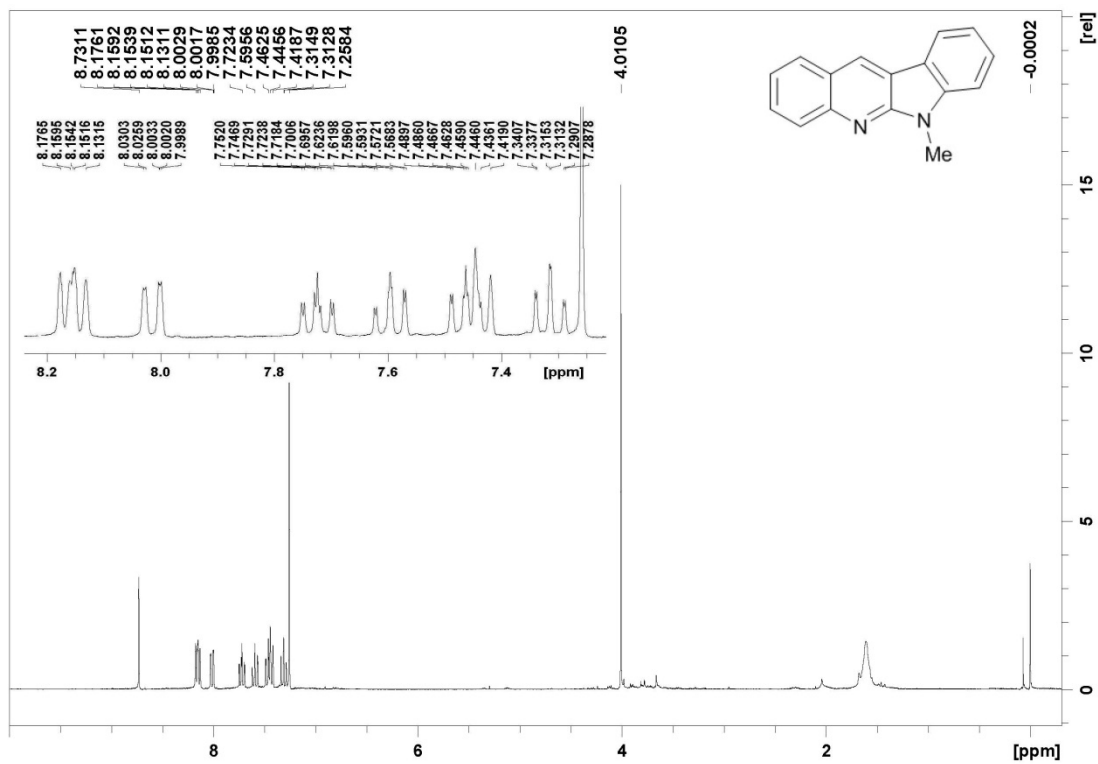


Figure S21. ¹H (top) and ¹³C (bottom) NMR spectra of compound **10** in CDCl₃.

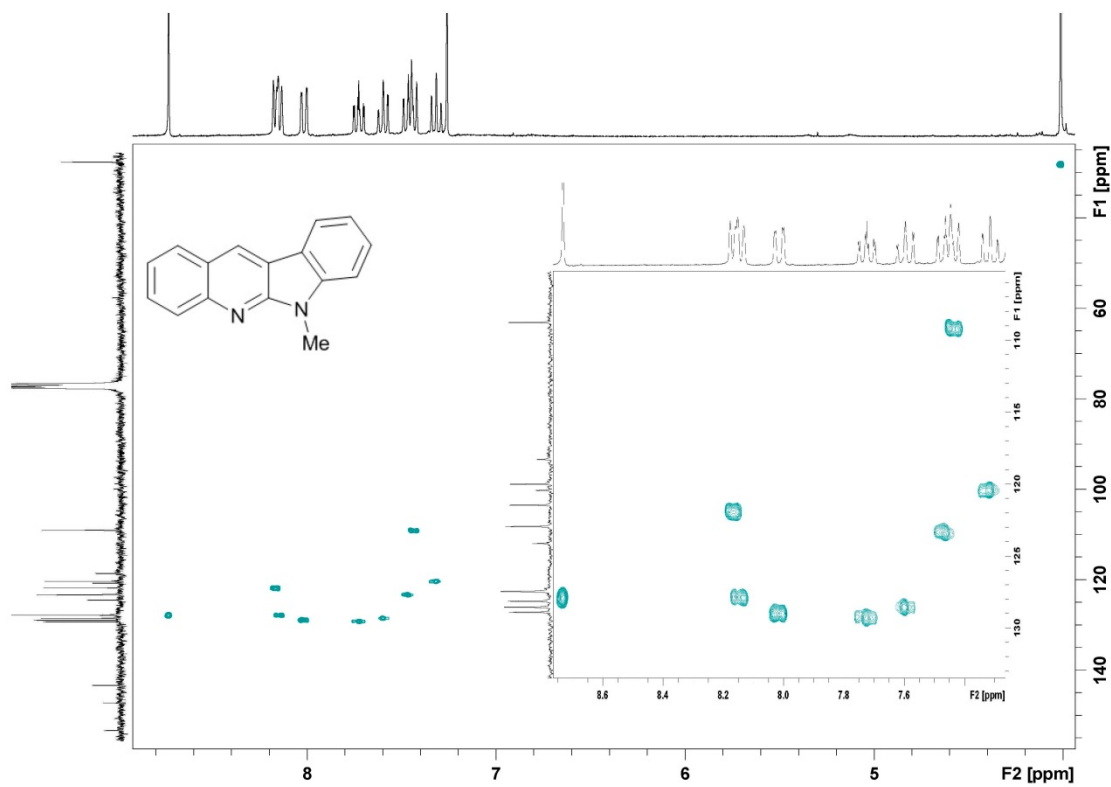
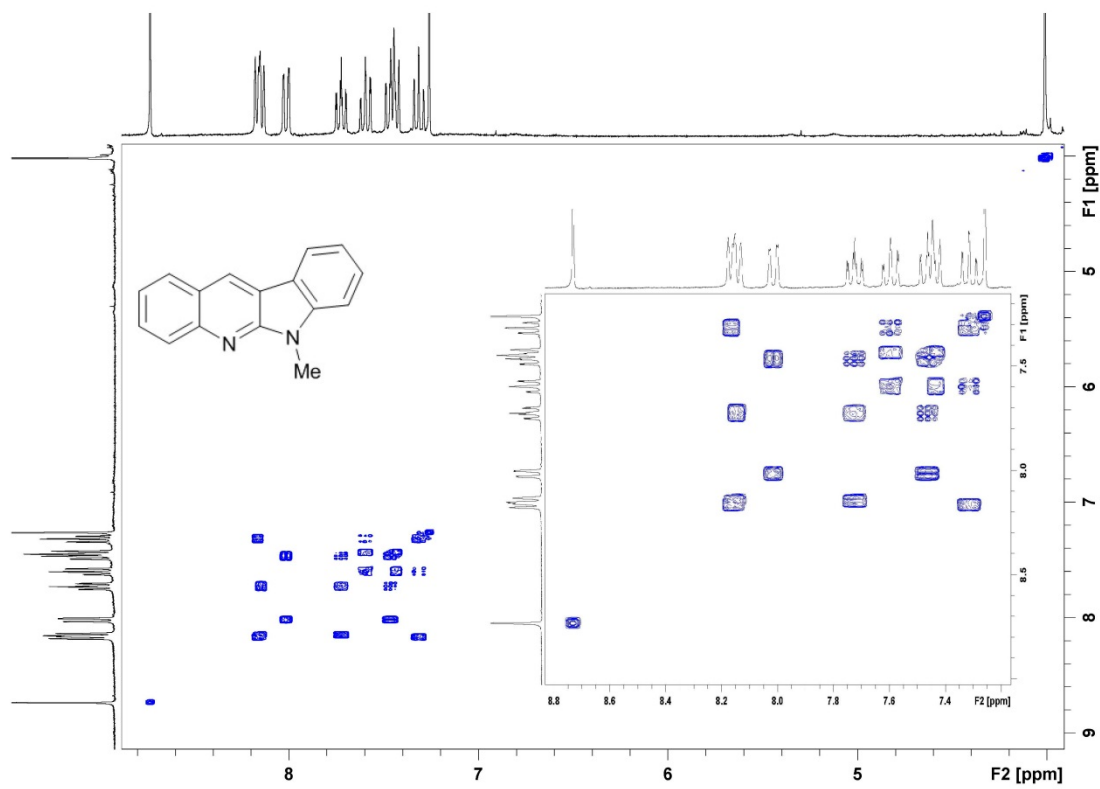


Figure S22. COSY (top) and HSQC (bottom) spectra of compound **10** in CDCl₃.

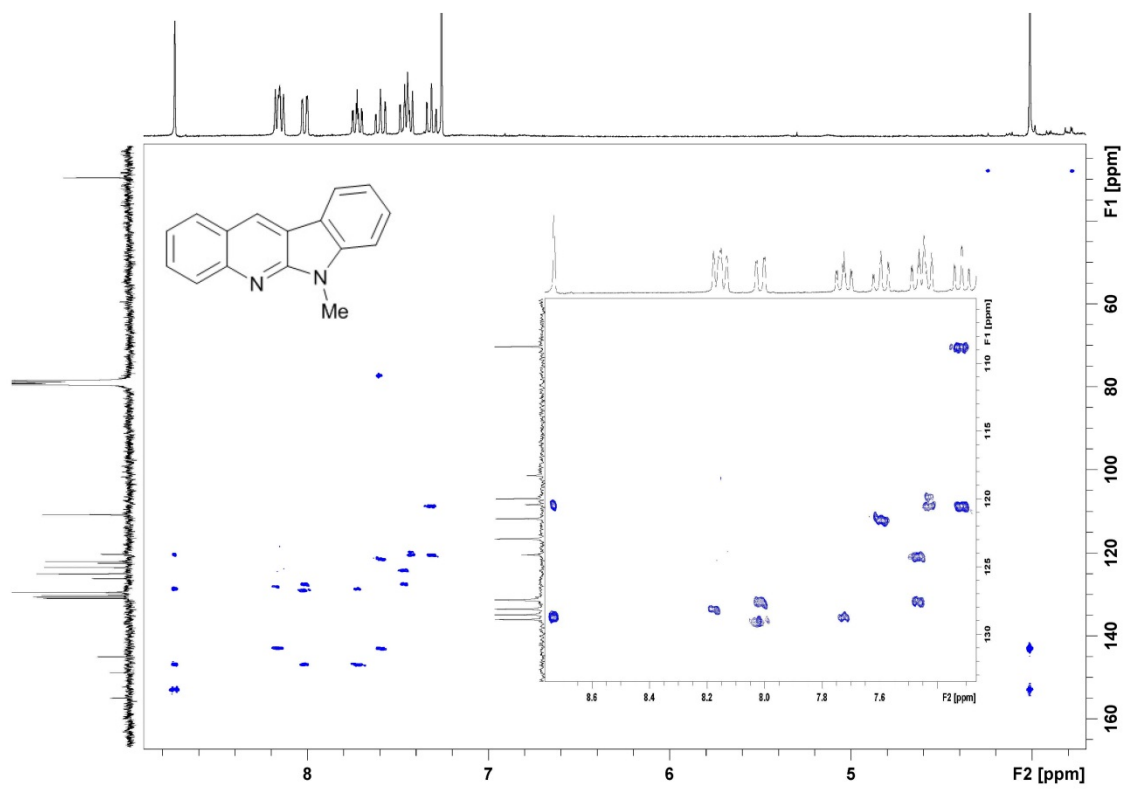


Figure S23. HMBC spectrum of compound **10** in CDCl₃.

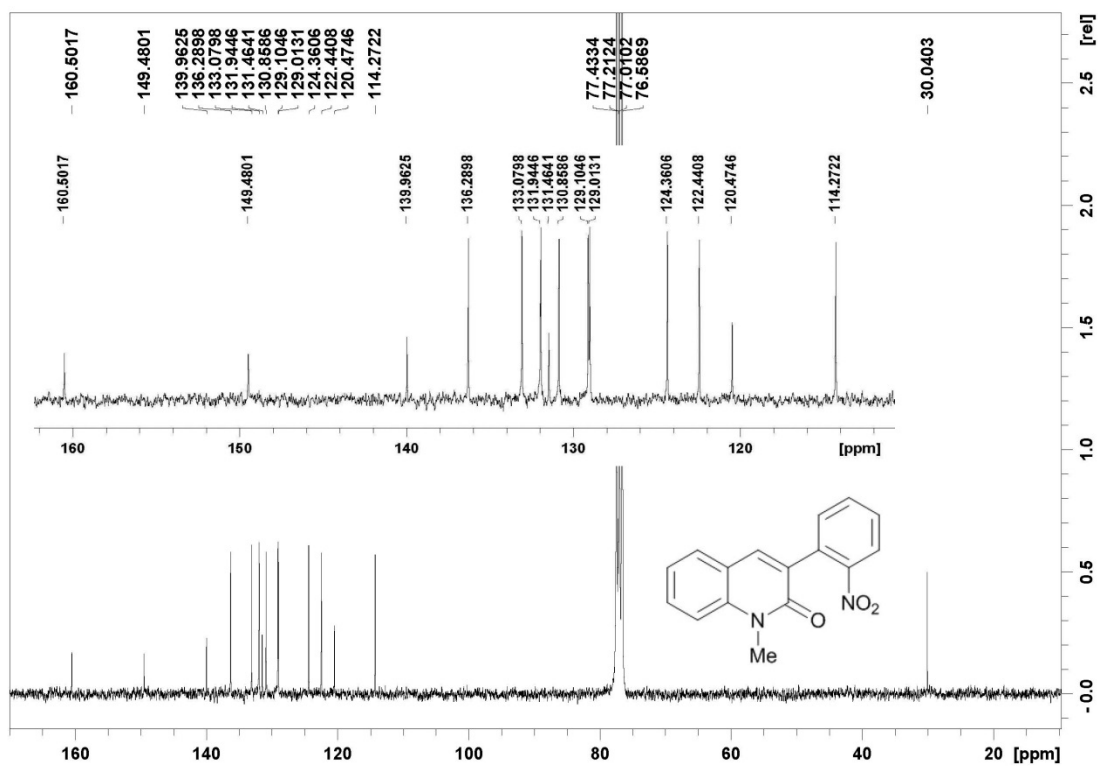
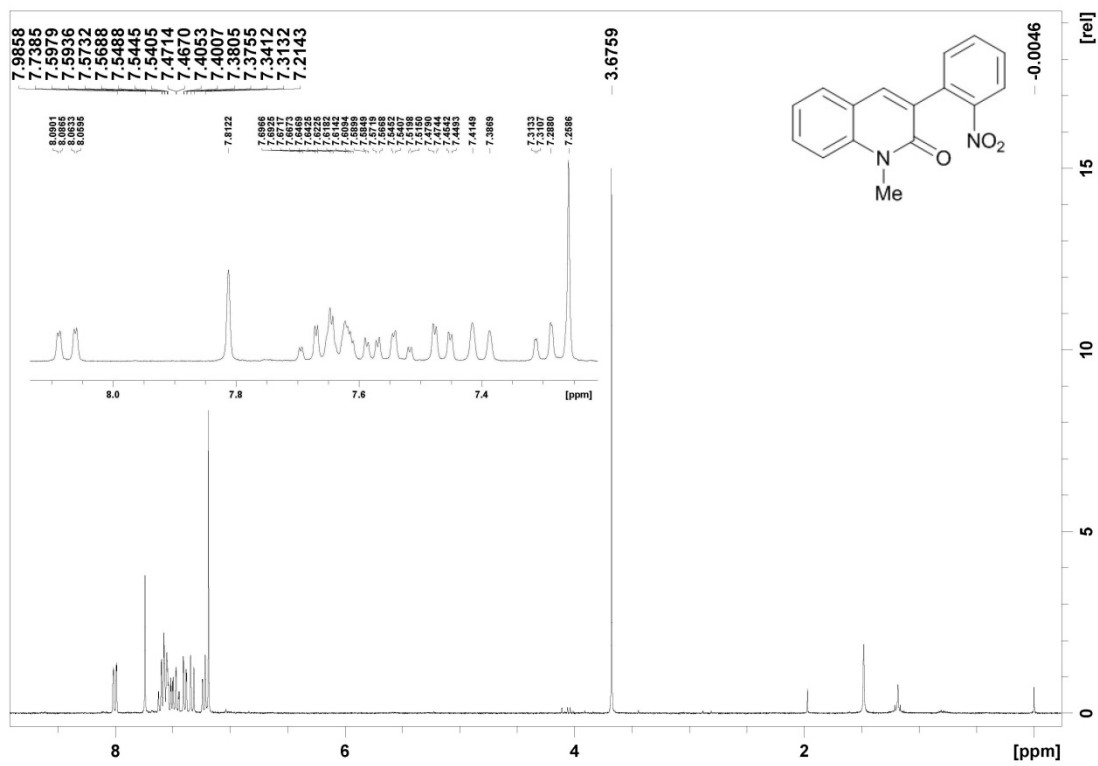


Figure S24. ¹H (top) and ¹³C (bottom) NMR spectra of compound **14** in CDCl₃.

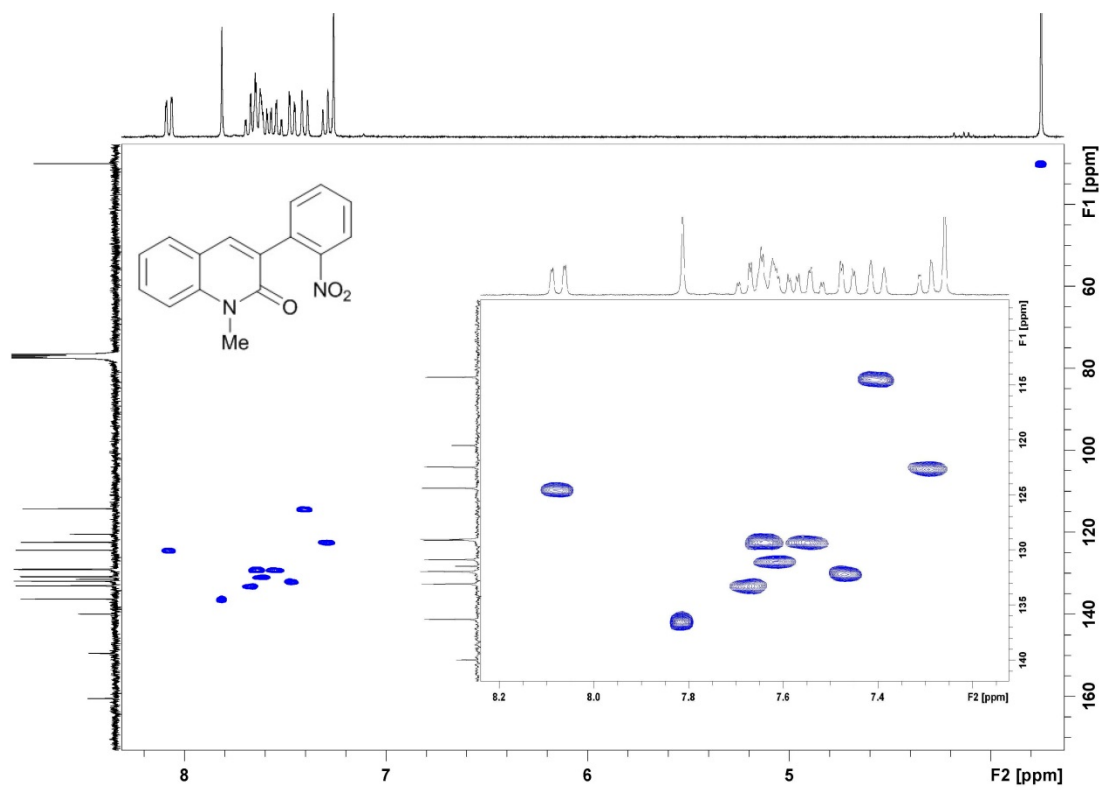
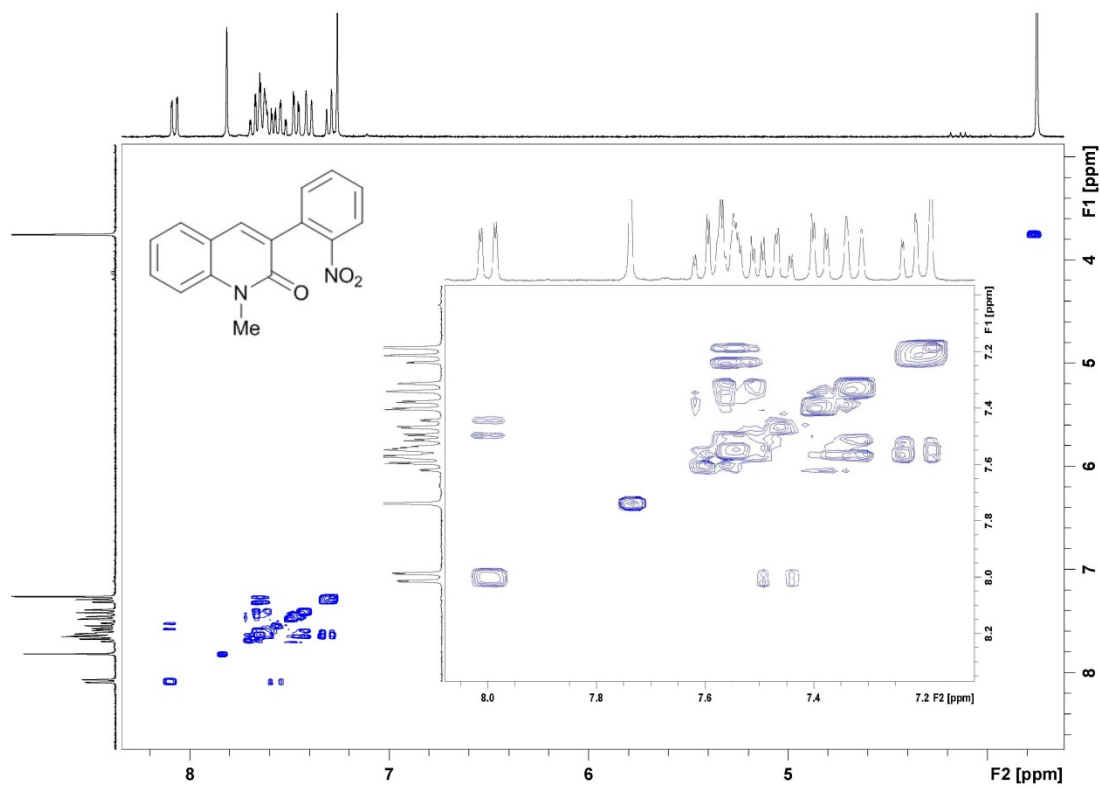
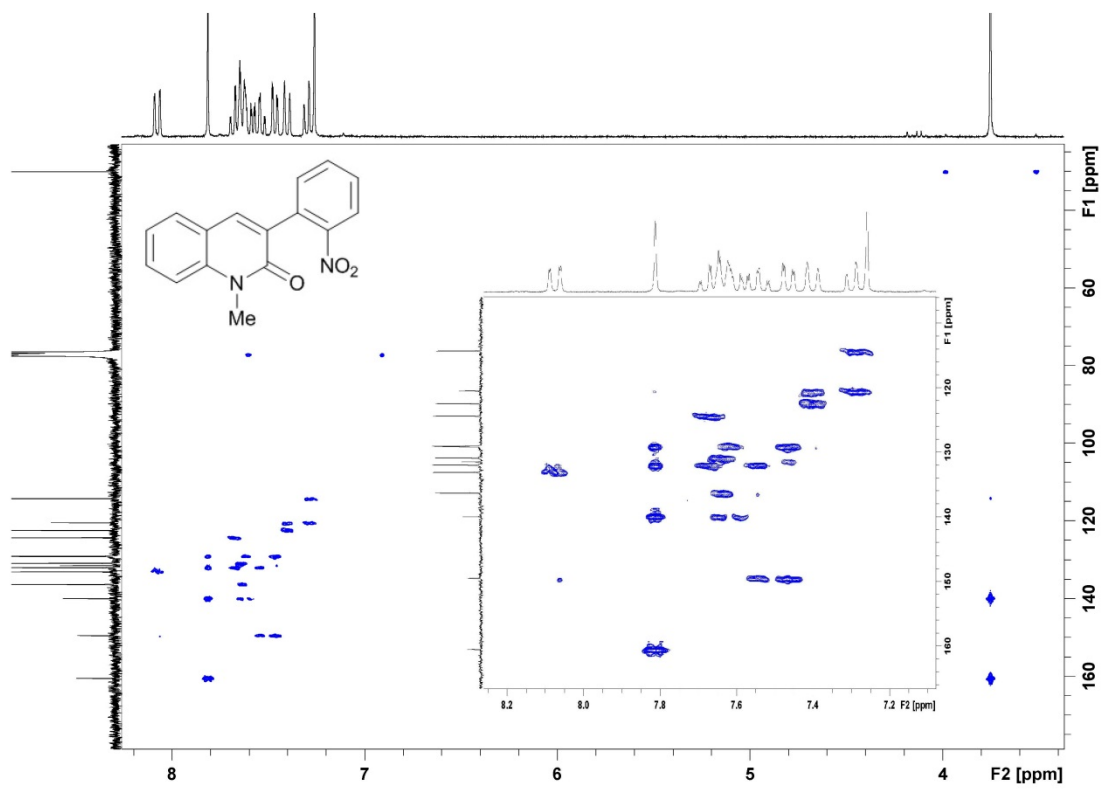


Figure S25. COSY (top) and HSQC (bottom) spectra of compound 14 in CDCl₃.



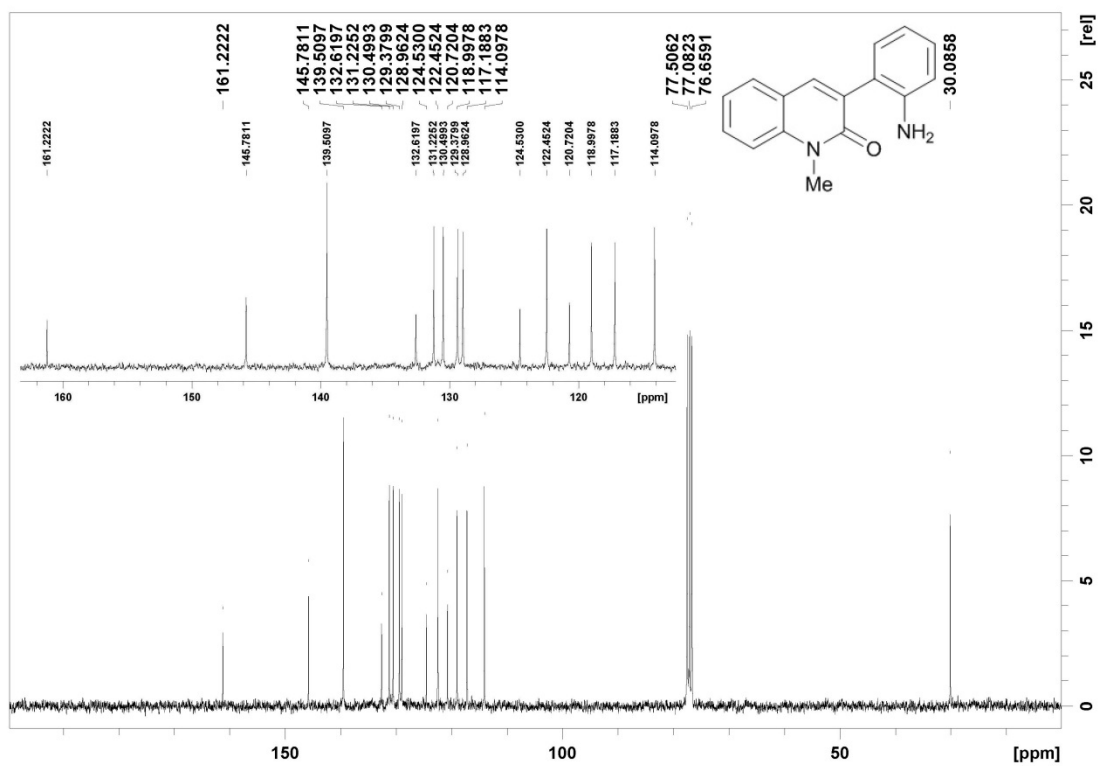
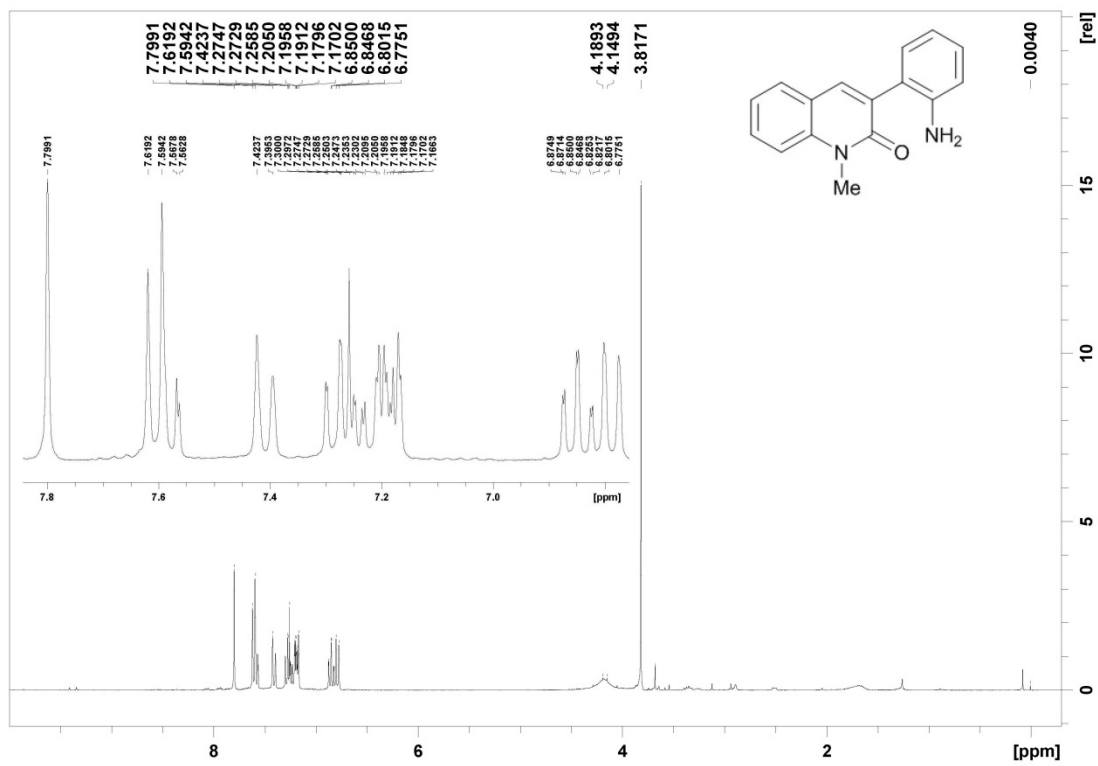


Figure S27. ¹H (top) and ¹³C (bottom) NMR spectra of compound **19** in CDCl₃.

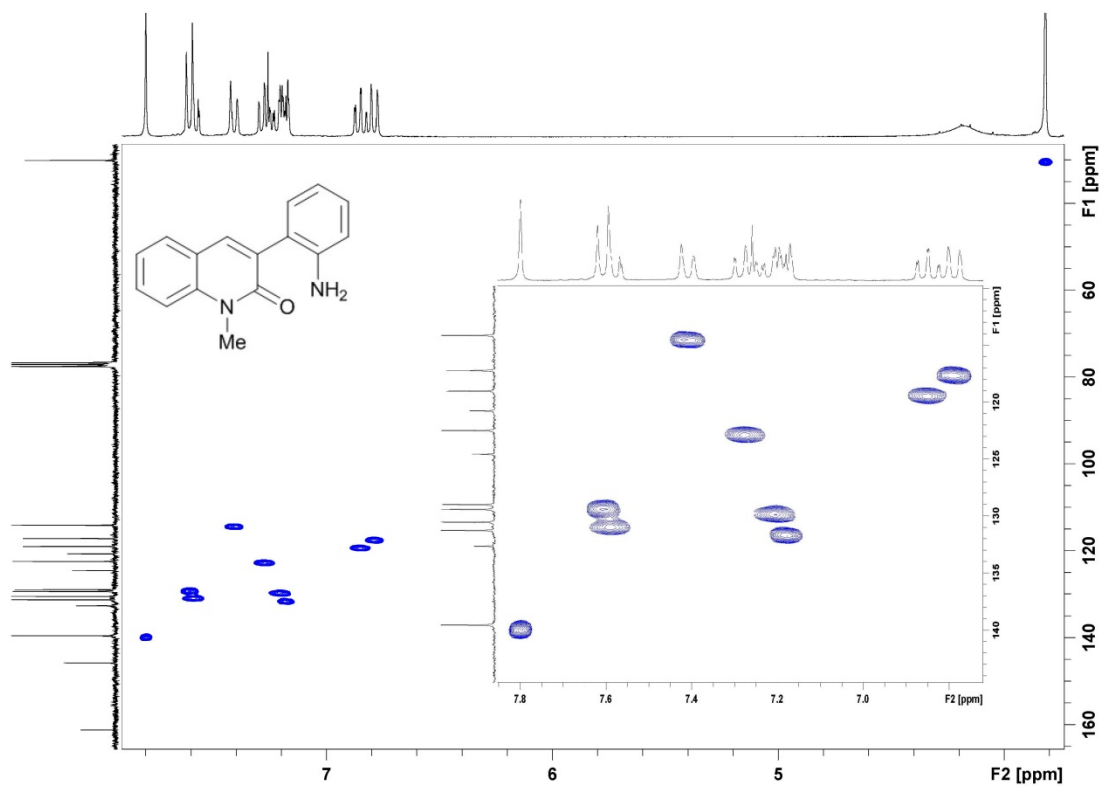
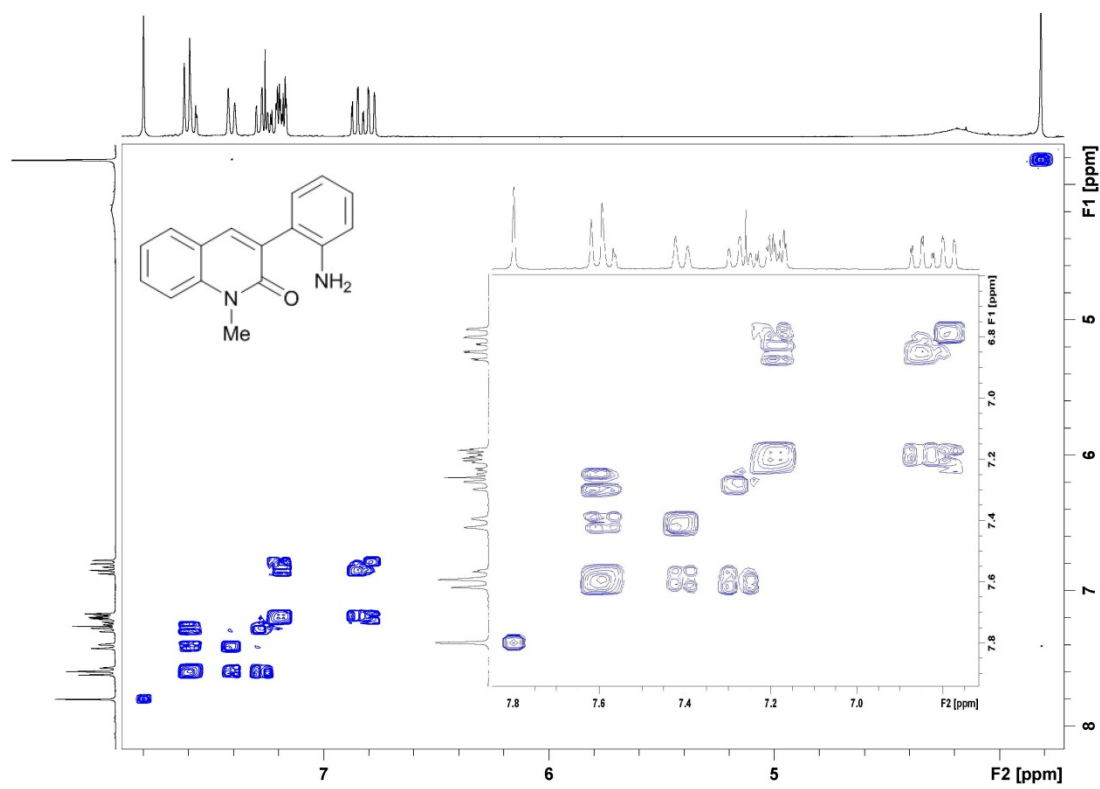


Figure S28. COSY (top) and HSQC (bottom) spectra of compound **19** in CDCl₃.

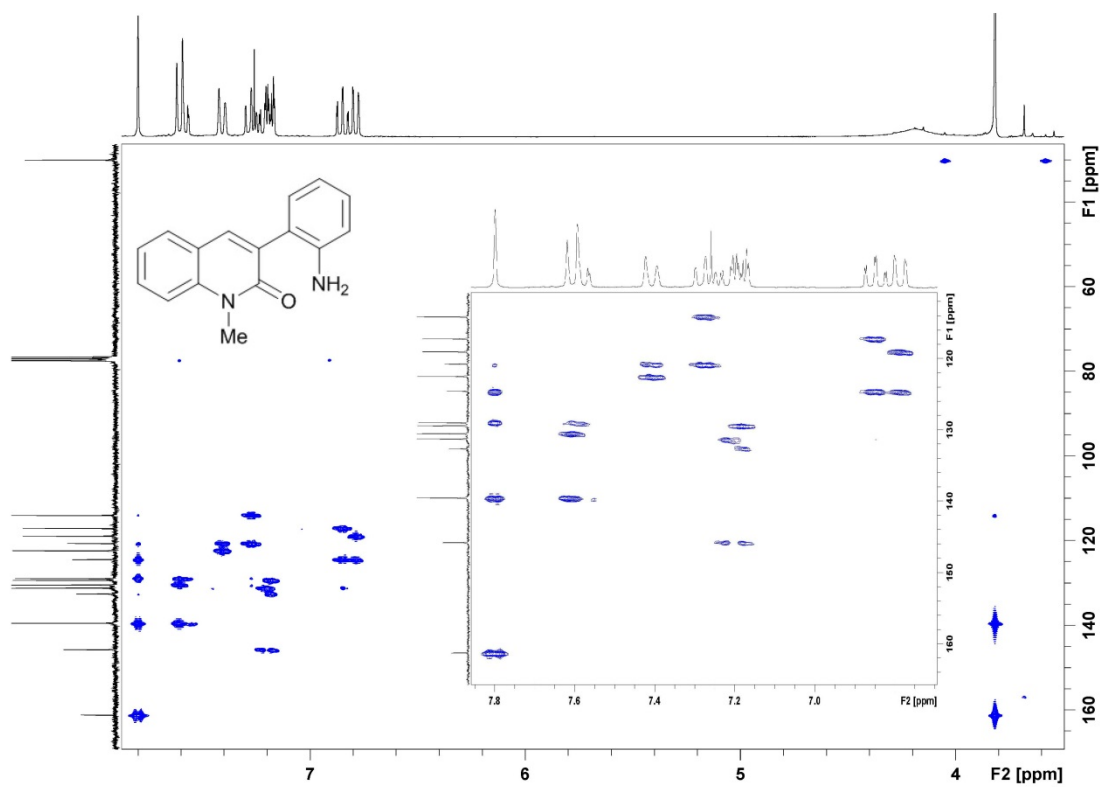


Figure S29. HMBC spectrum of compound **19** in CDCl₃.

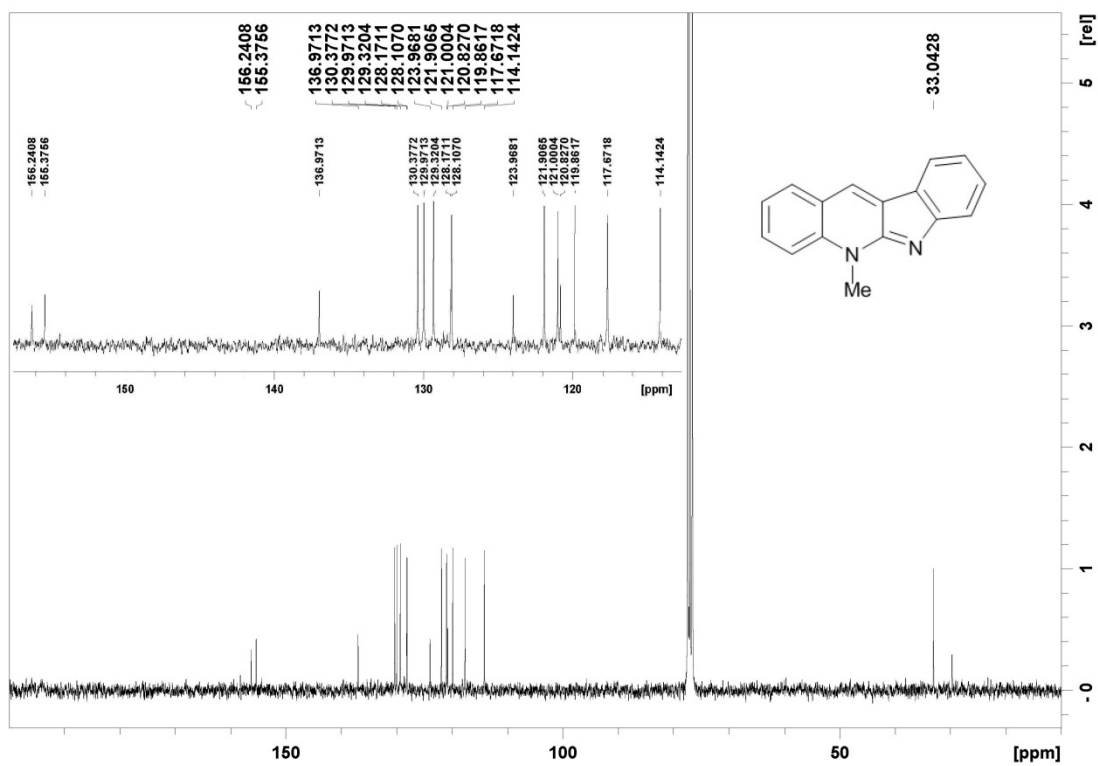
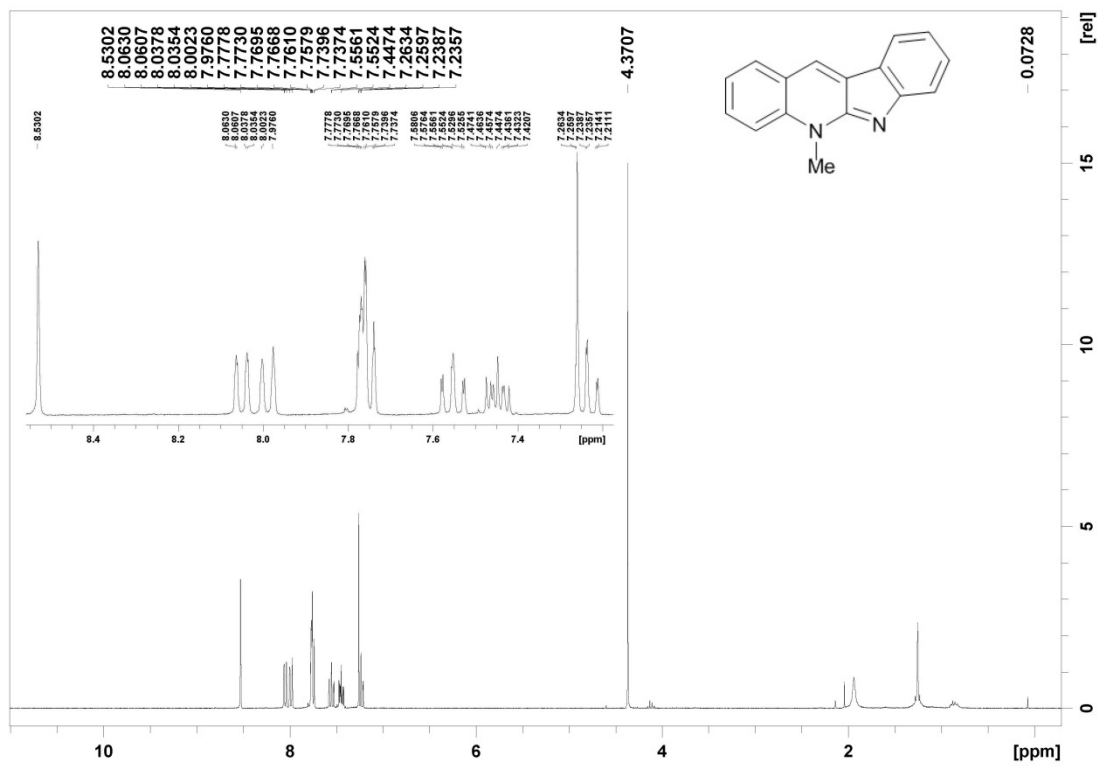


Figure S30. ¹H (top) and ¹³C (bottom) NMR spectra of compound 1 in CDCl₃.

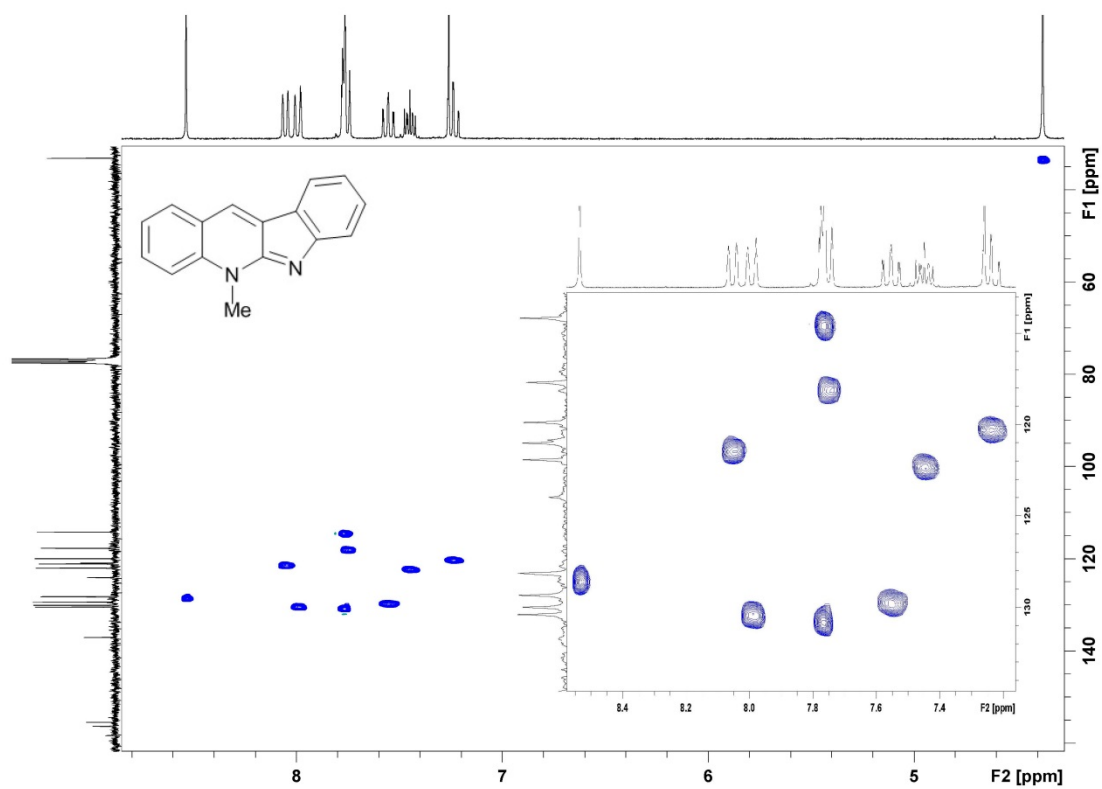
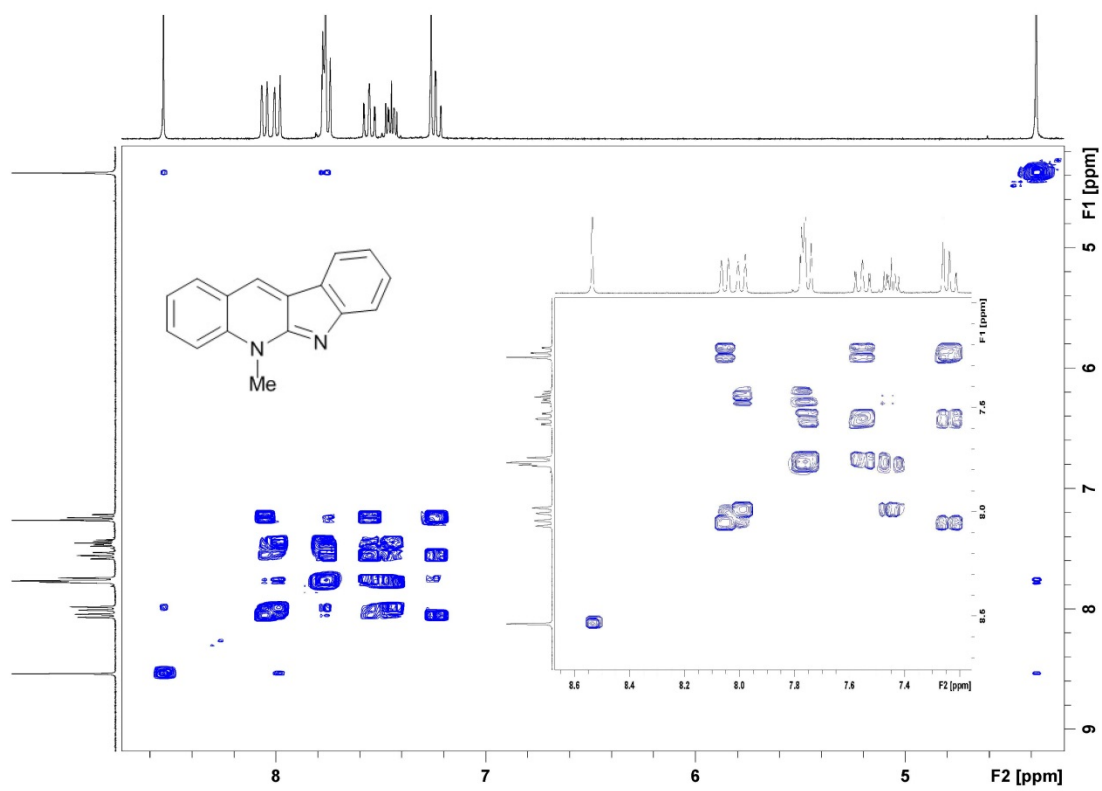


Figure S31. COSY (top) and HSQC (bottom) spectra of compound 1 in CDCl₃.

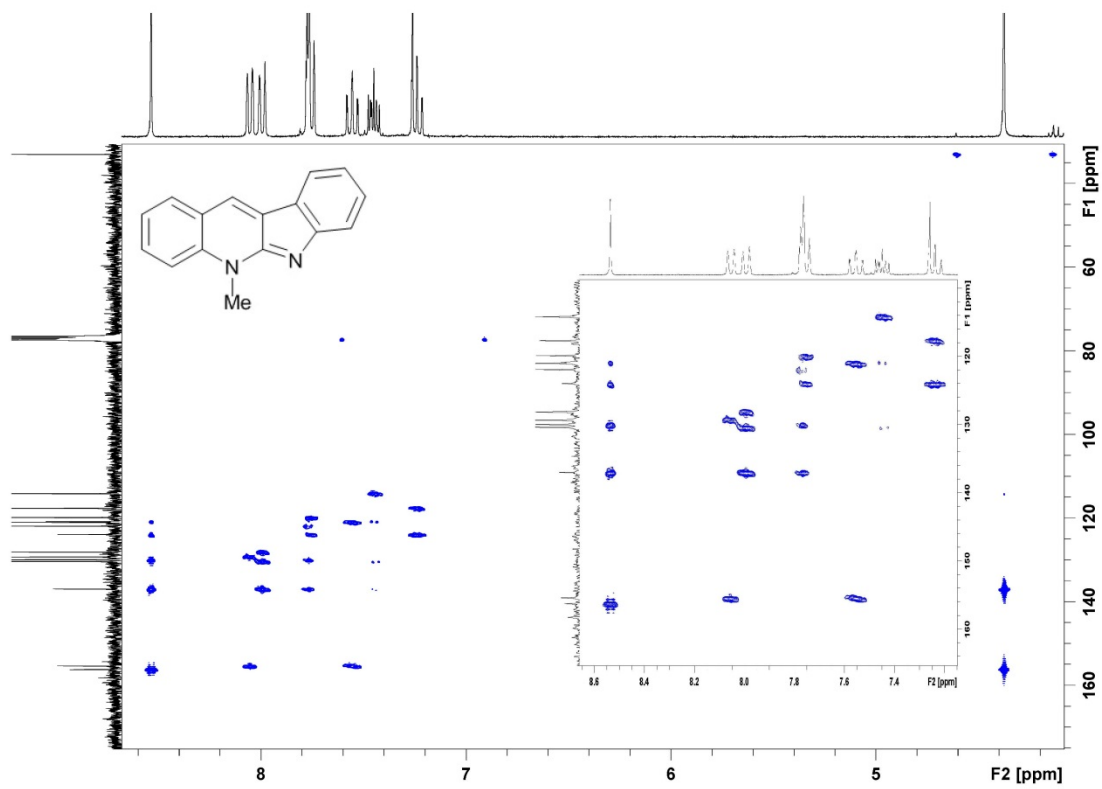


Figure S32. HMBC spectrum of compound **1** in CDCl_3 .