

New Neolignans from *Krameria tomentosa* A. St.-Hil

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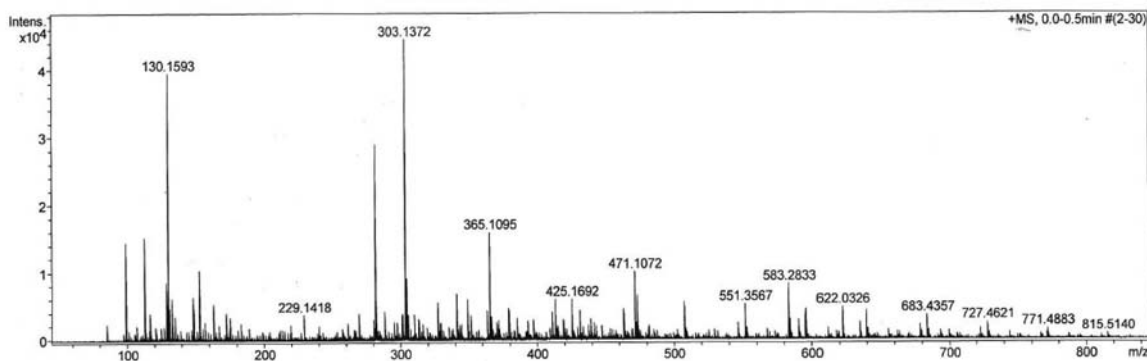


Figure S1. HR-ESI-MS spectrum of the compound 1.

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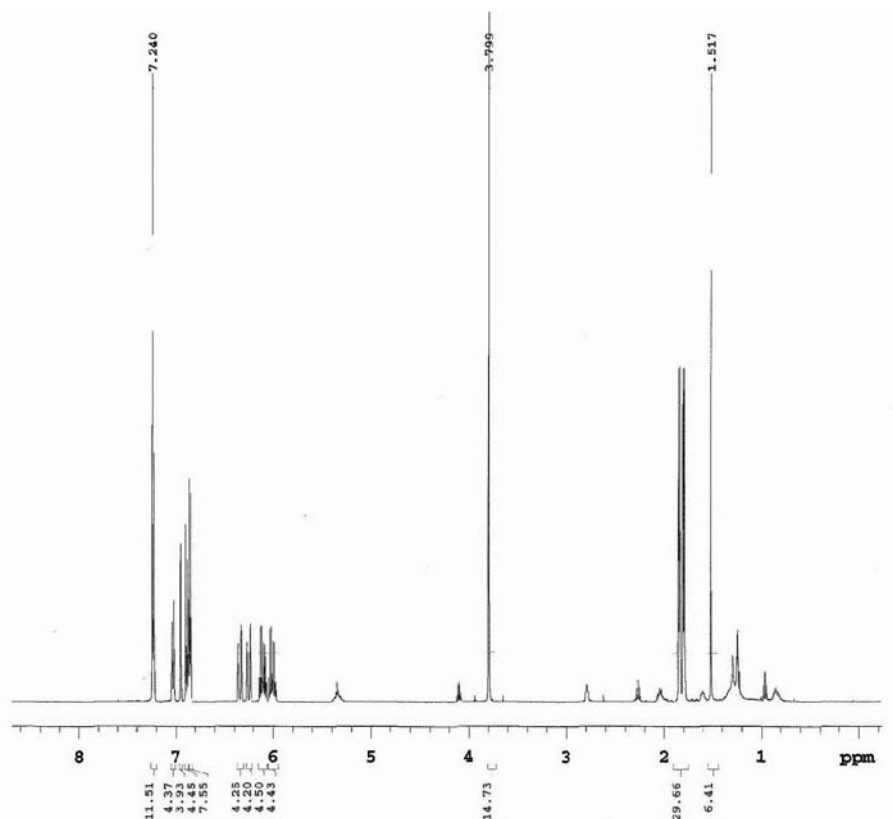


Figure S2. ^1H NMR spectrum (CDCl_3 , 500 MHz) of the compound 1.

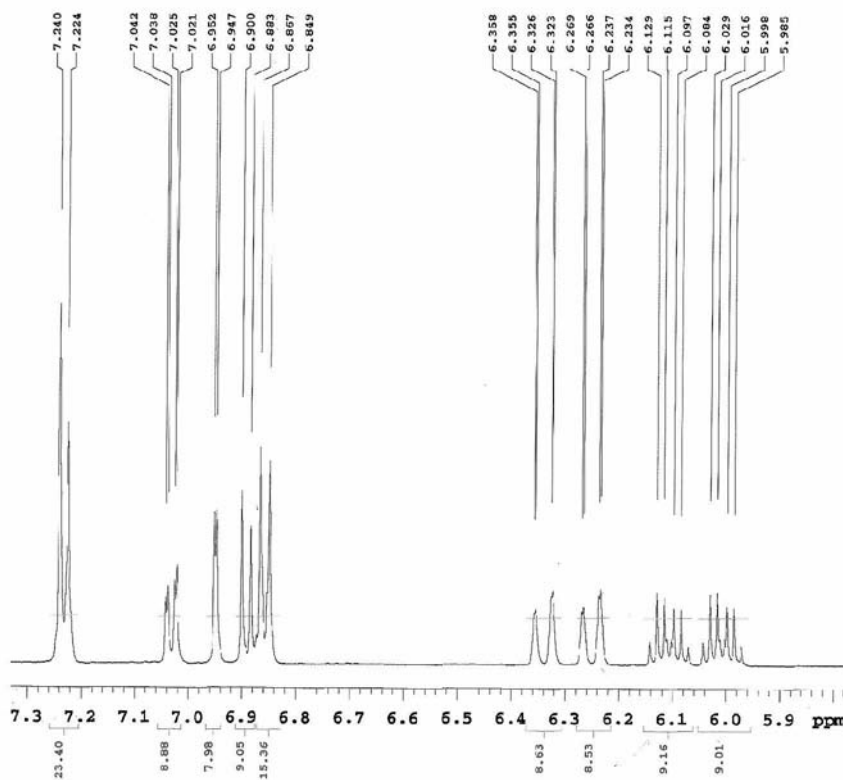


Figure S3. ^1H NMR spectrum (CDCl_3 , 500 MHz, δ_{H} 7.3-5.8) of the compound 1.

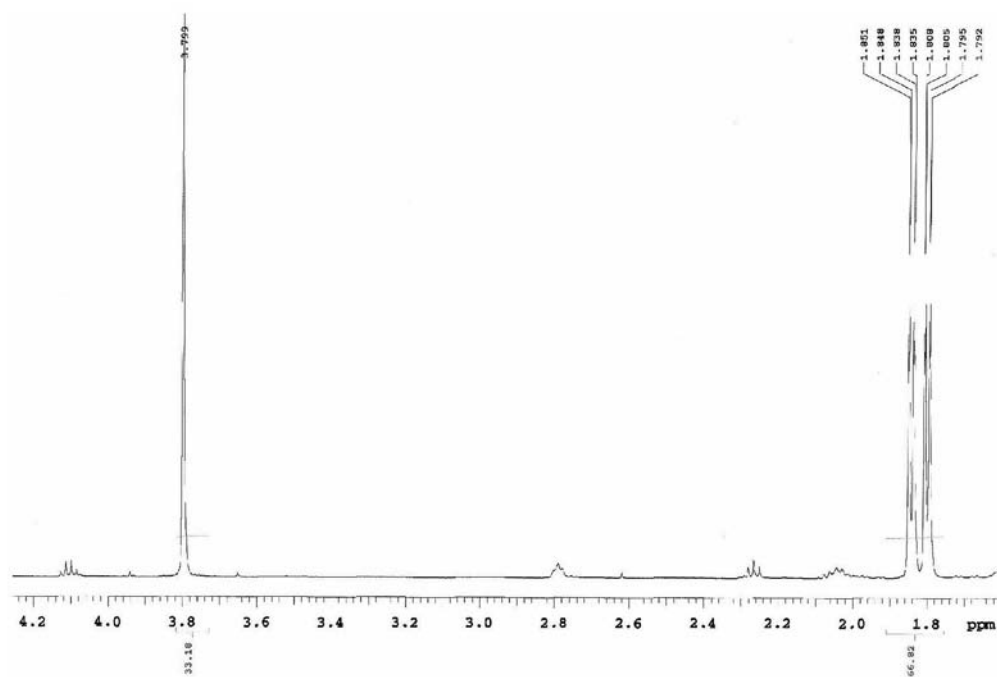


Figure S4. ¹H NMR spectrum (CDCl₃, 500 MHz, δ_H 4.2-1.6) of the compound 1.

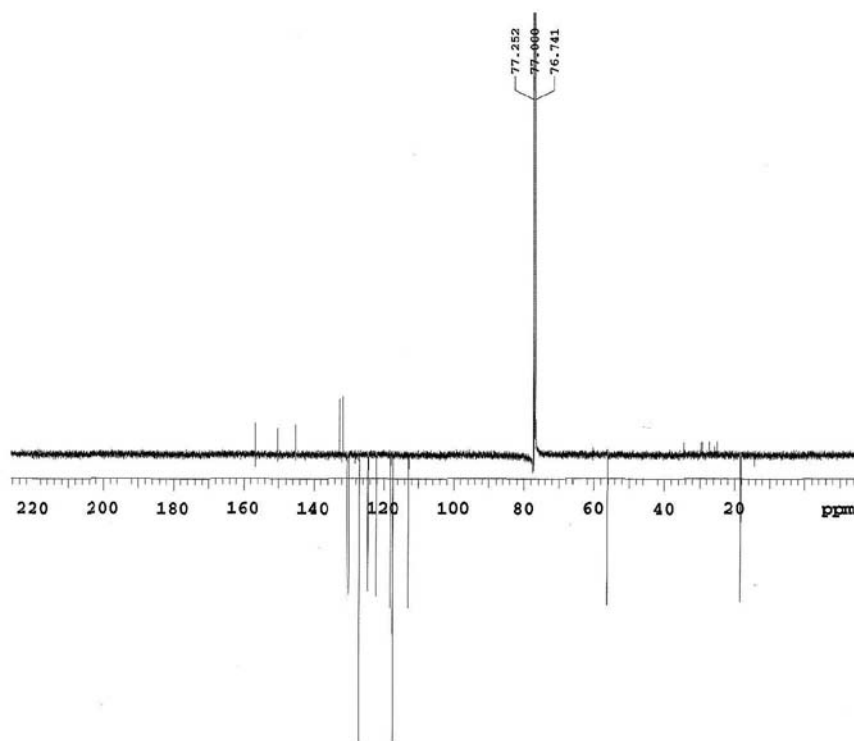


Figure S5. ¹³C NMR spectrum (CDCl₃, 125 MHz) of the compound 1.

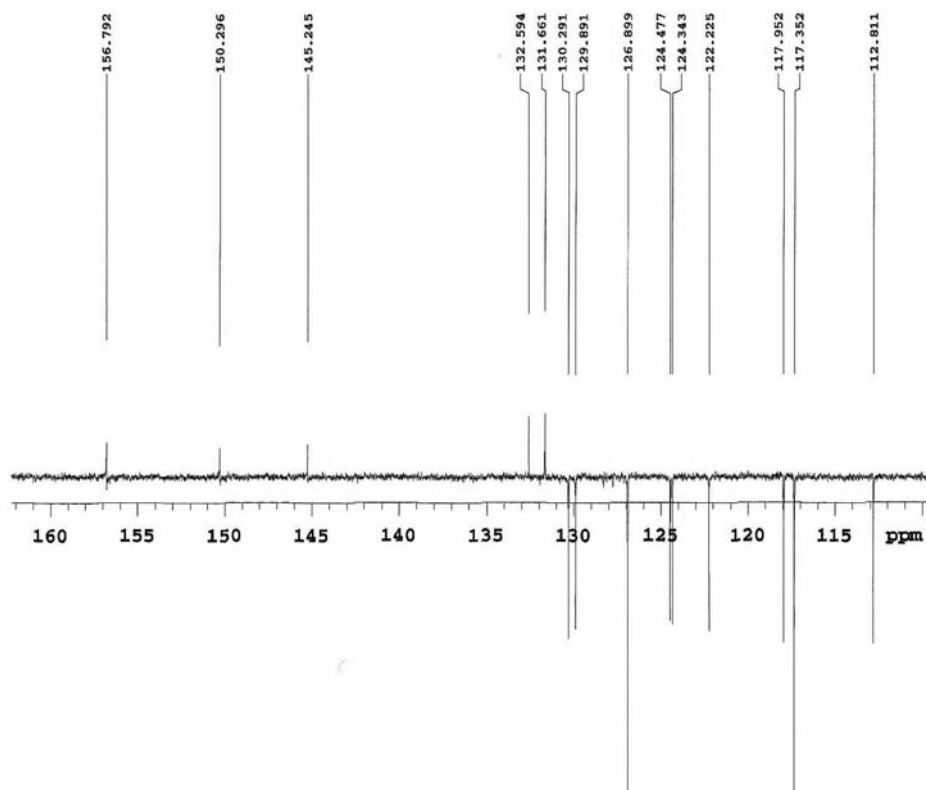


Figure S6. ¹³C NMR spectrum (CDCl₃, 125 MHz, δ_c 162-110) of the compound **1**.

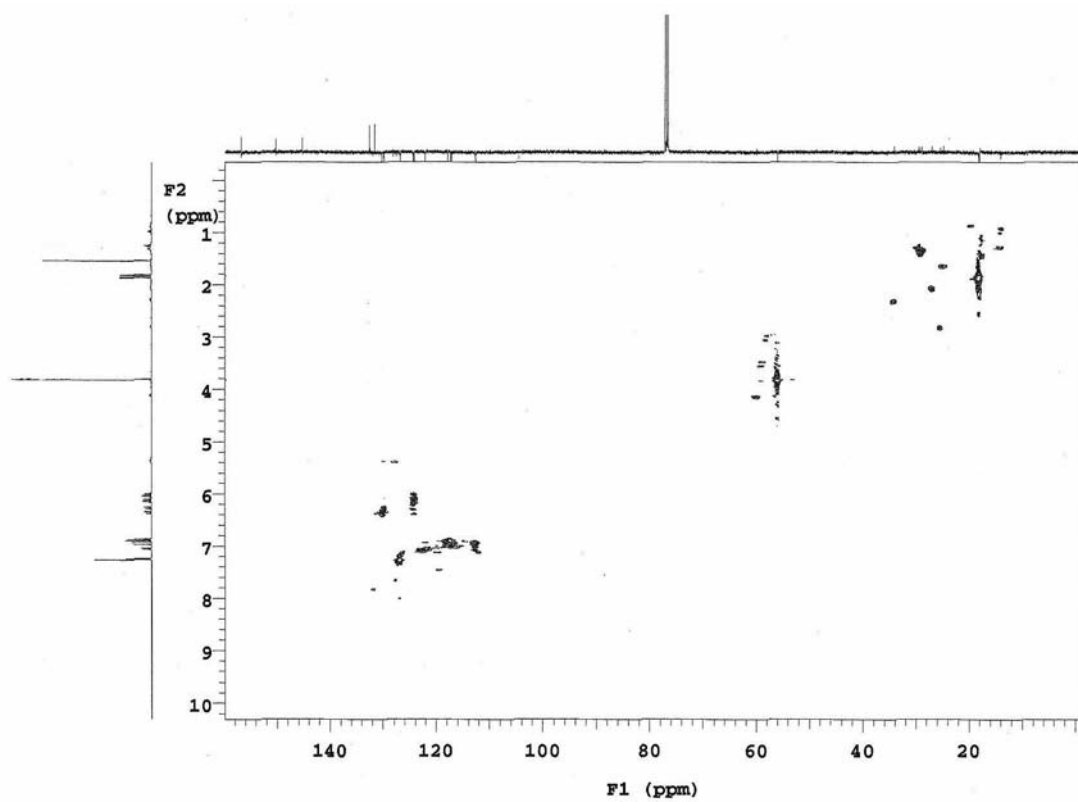


Figure S7. HSQC NMR experiment (CDCl₃, 500 × 125 MHz) of the compound **1**.

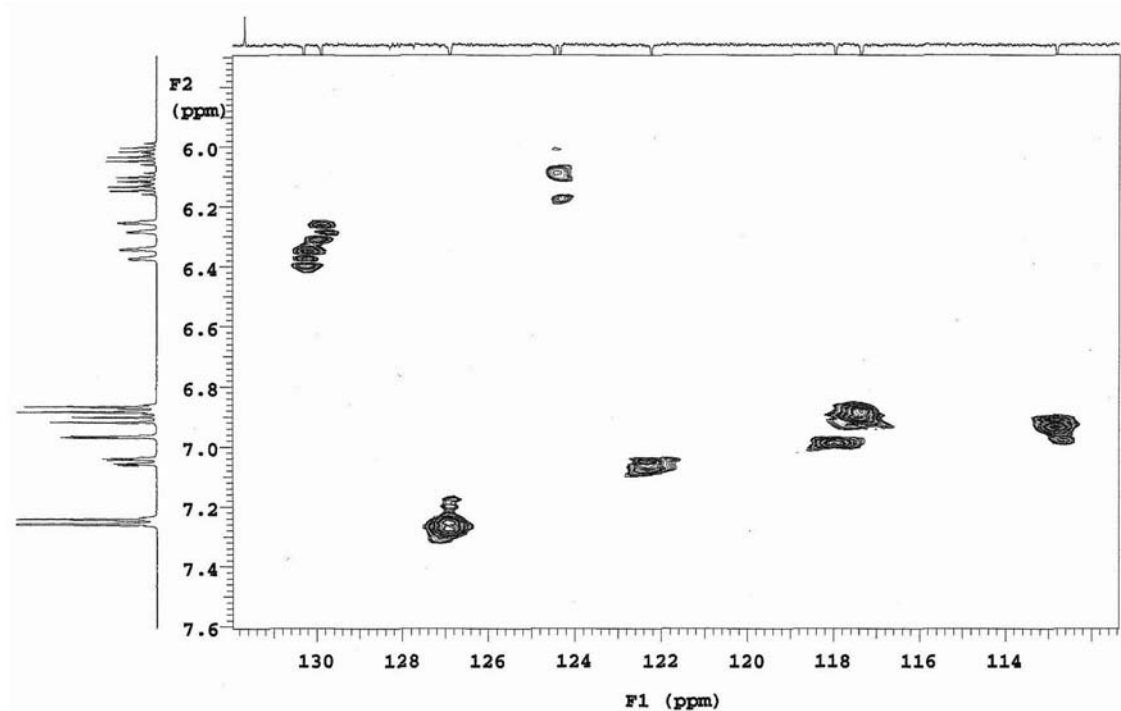


Figure S8. HSQC NMR experiment (CDCl_3 , 500×125 MHz, δ_{C} 132-112) of the compound 1.

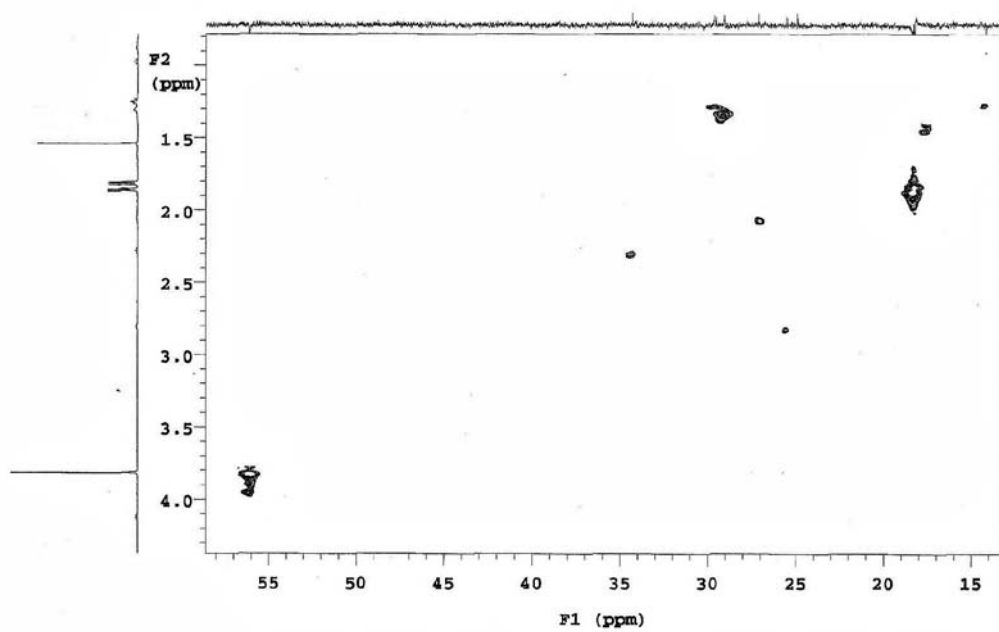


Figure S9. HSQC NMR experiment (CDCl_3 , 500×125 MHz, δ_{C} 58-14) of the compound 1.

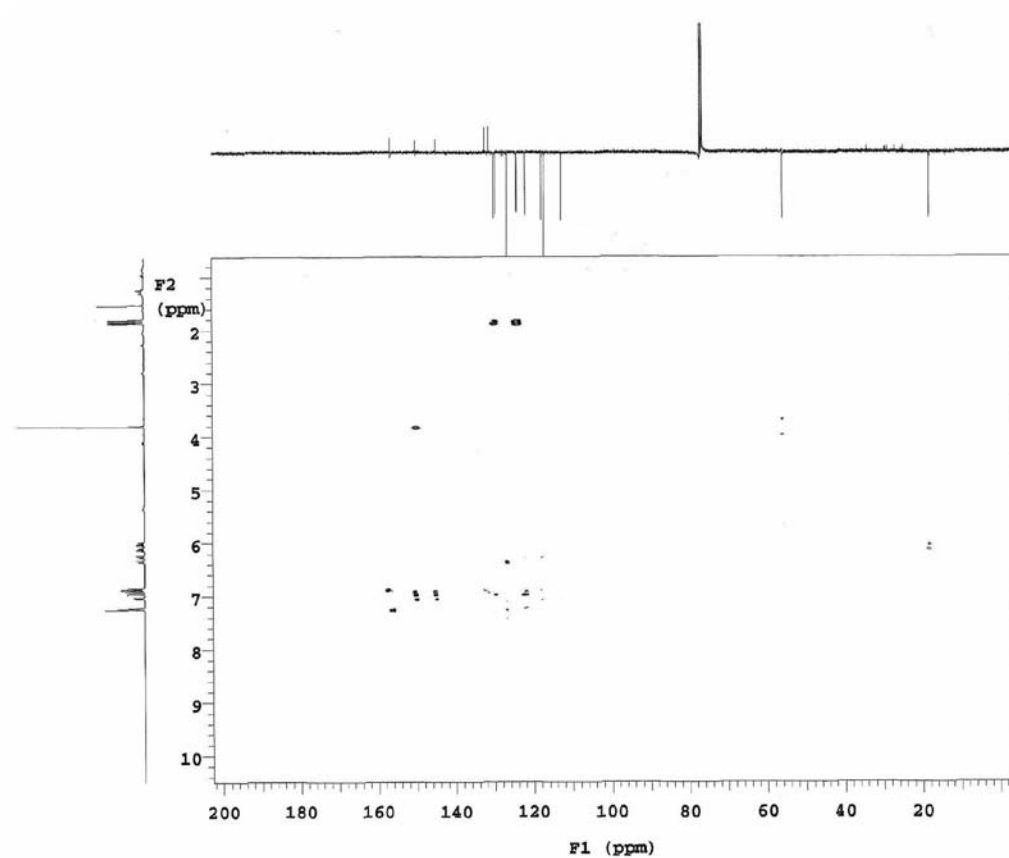


Figure S10. HMBC NMR experiment (CDCl_3 , 500×125 MHz) of the compound **1**.

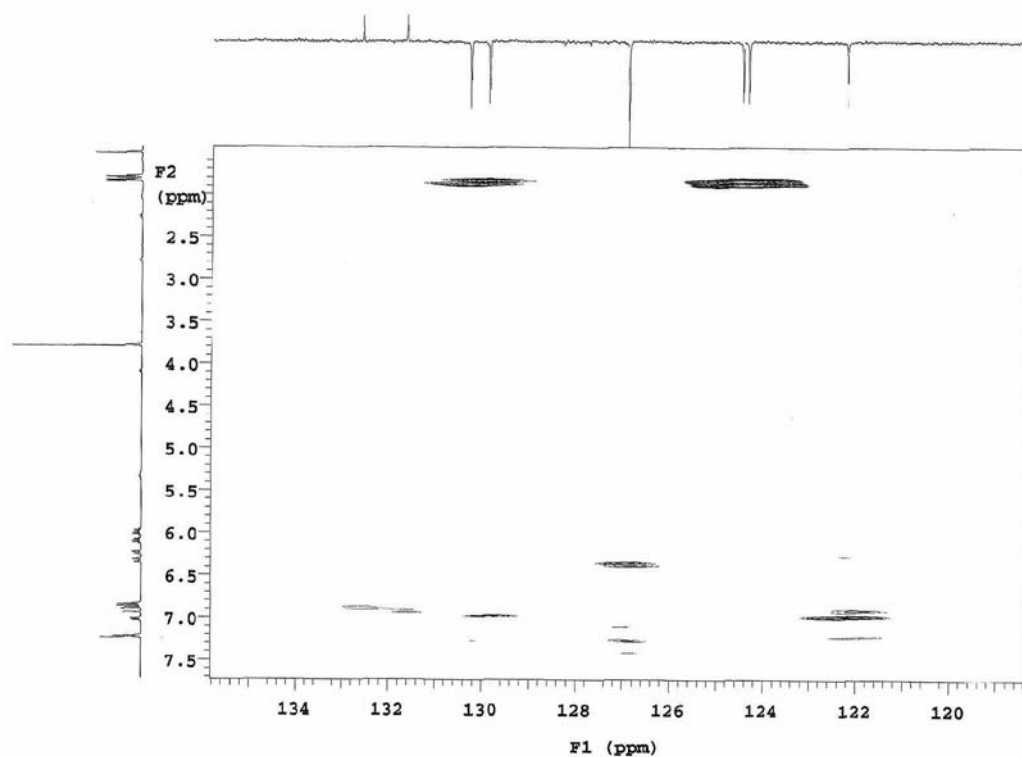
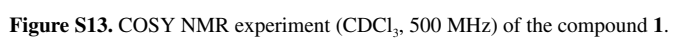
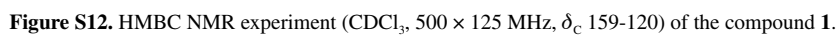


Figure S11. HMBC NMR experiment (CDCl_3 , 500×125 MHz, δ_{C} 136-121) of the compound **1**.



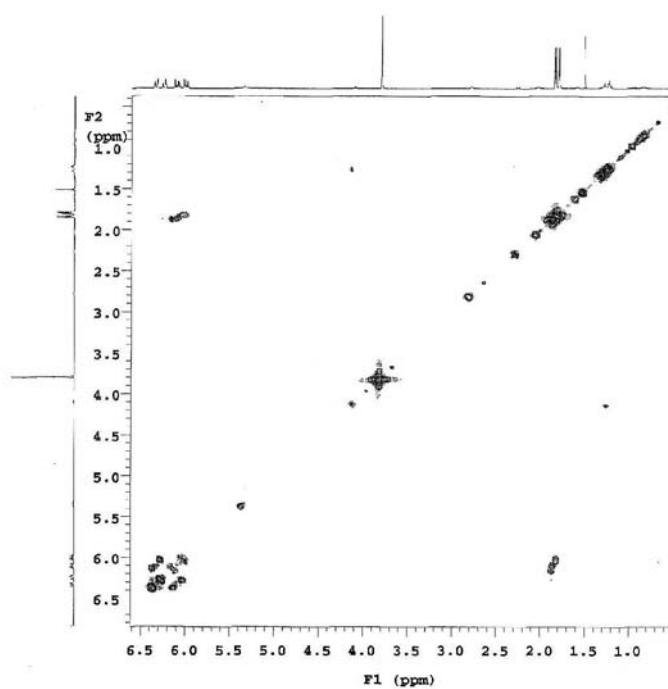


Figure S14. COSY NMR experiment (CDCl_3 , 500 MHz, δ_{H} 6.5-0.5) of the compound 1.

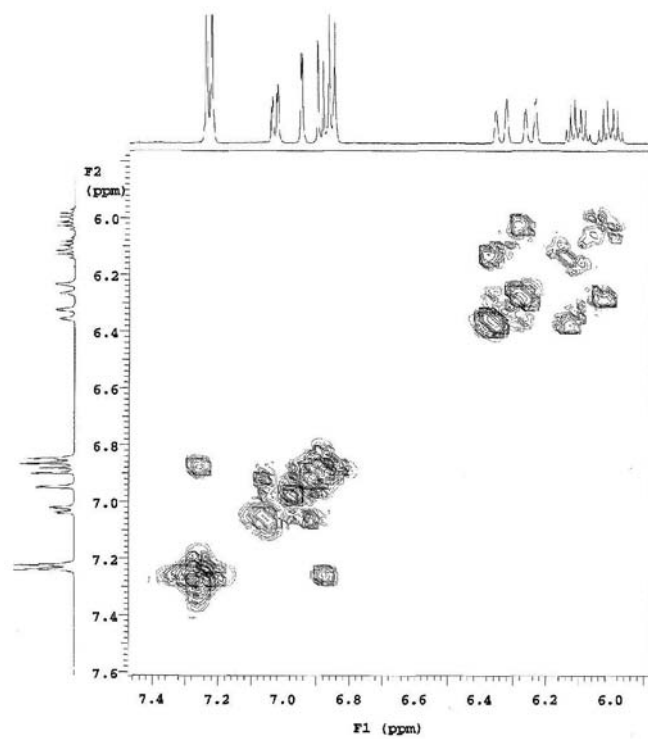


Figure S15. COSY NMR experiment (CDCl_3 , 500 MHz, δ_{H} 7.4-5.9) of the compound 1.

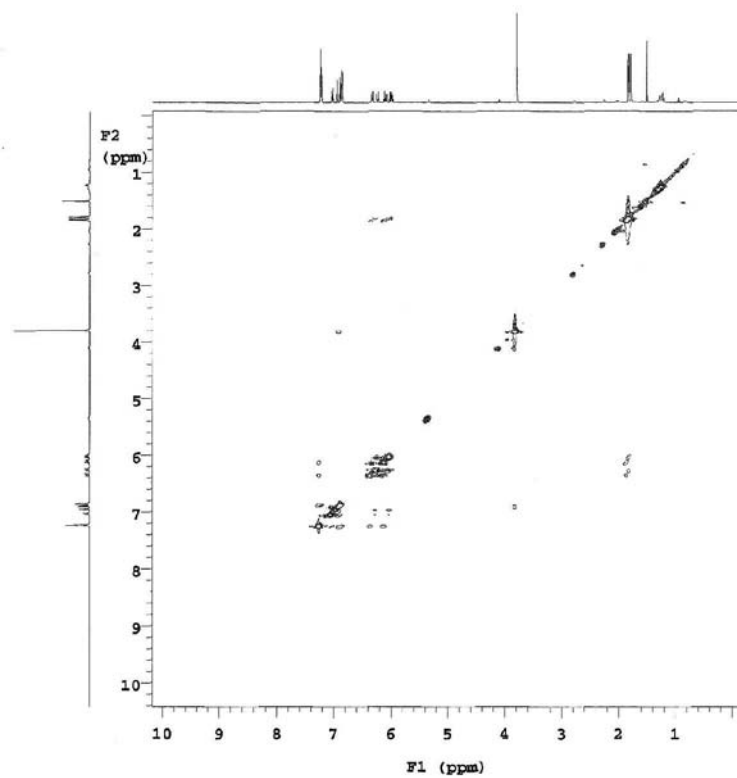


Figure S16. NOESY NMR experiment (CDCl_3 , 500 MHz) of the compound **1**.

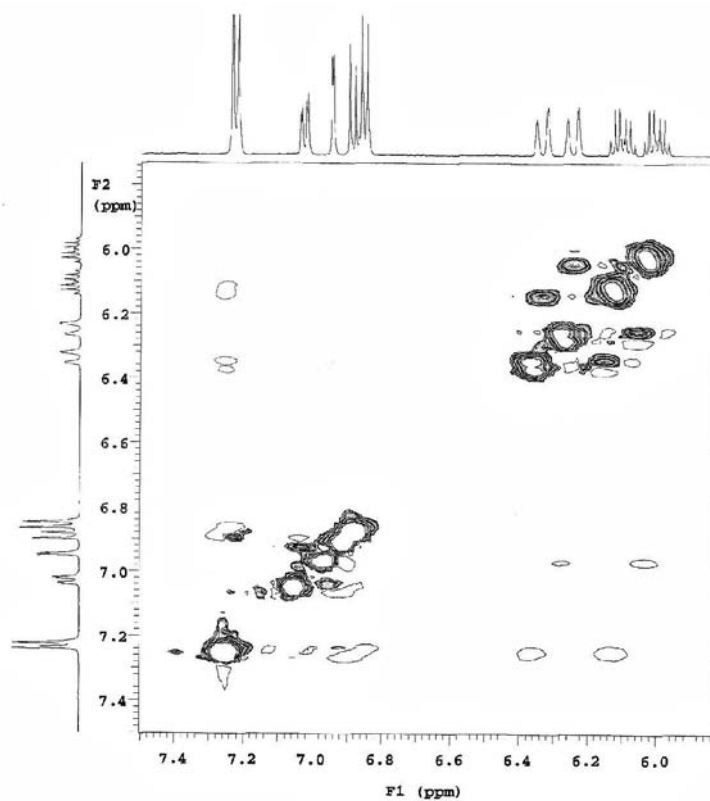


Figure S17. NOESY NMR experiment (CDCl_3 , 500 MHz, δ_{H} 7.5-5.9) of the compound **1**.

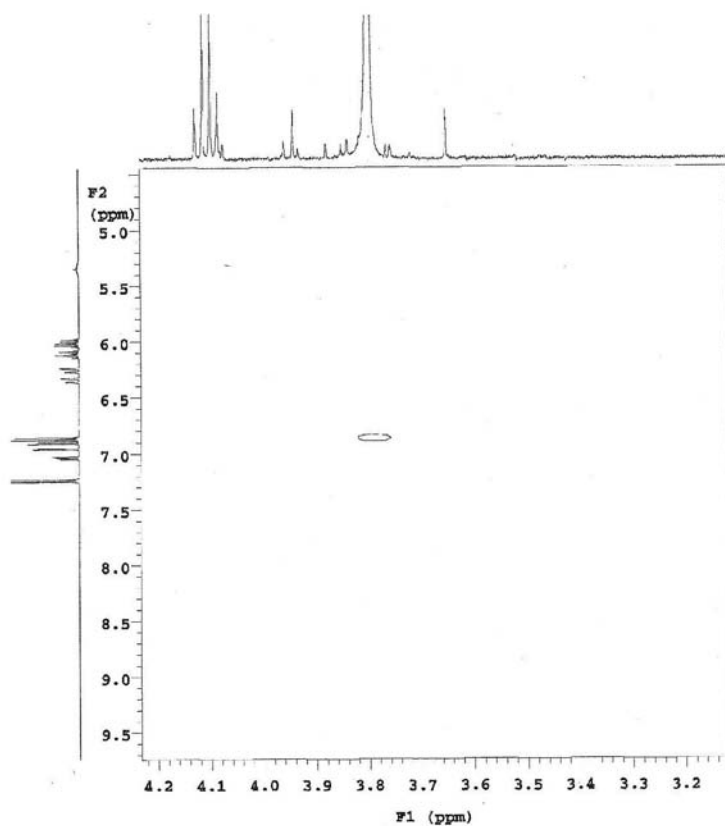


Figure S18. NOESY NMR experiment (CDCl_3 , 500 MHz, δ_{H} 4.2-3.1) of the compound **1**.

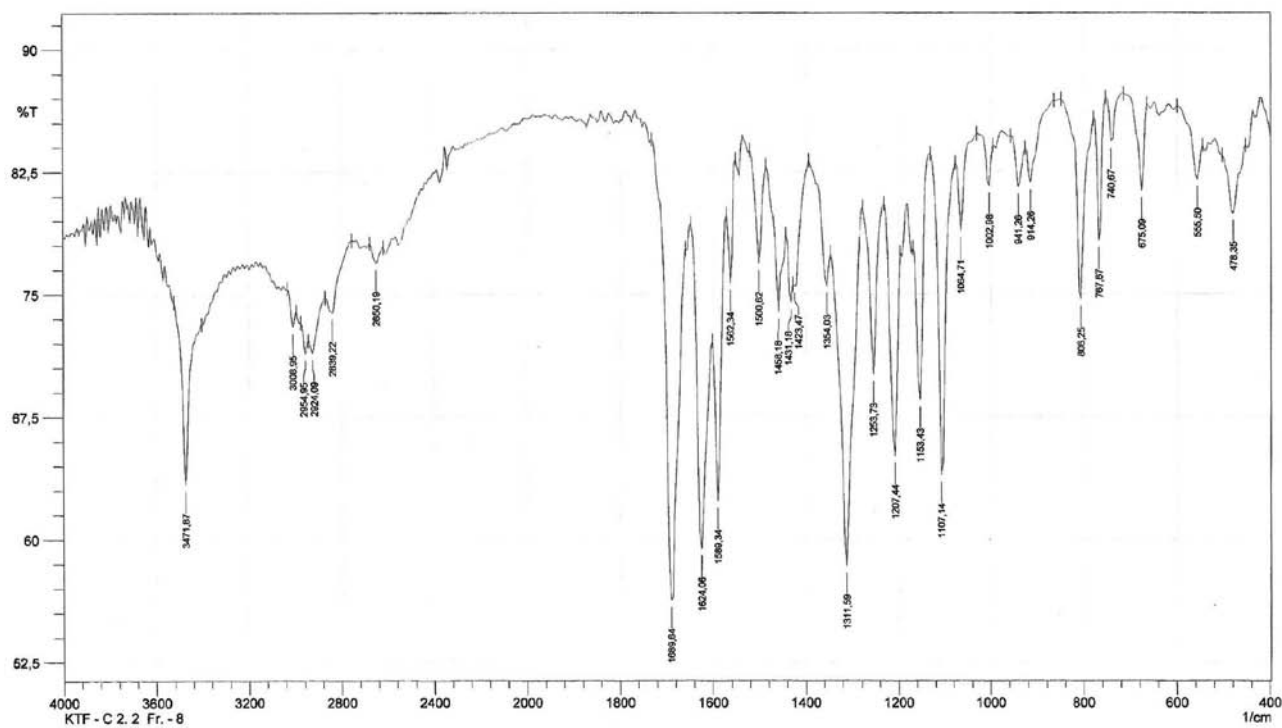


Figure S19. IR spectrum (KBr) of the compound **2**.

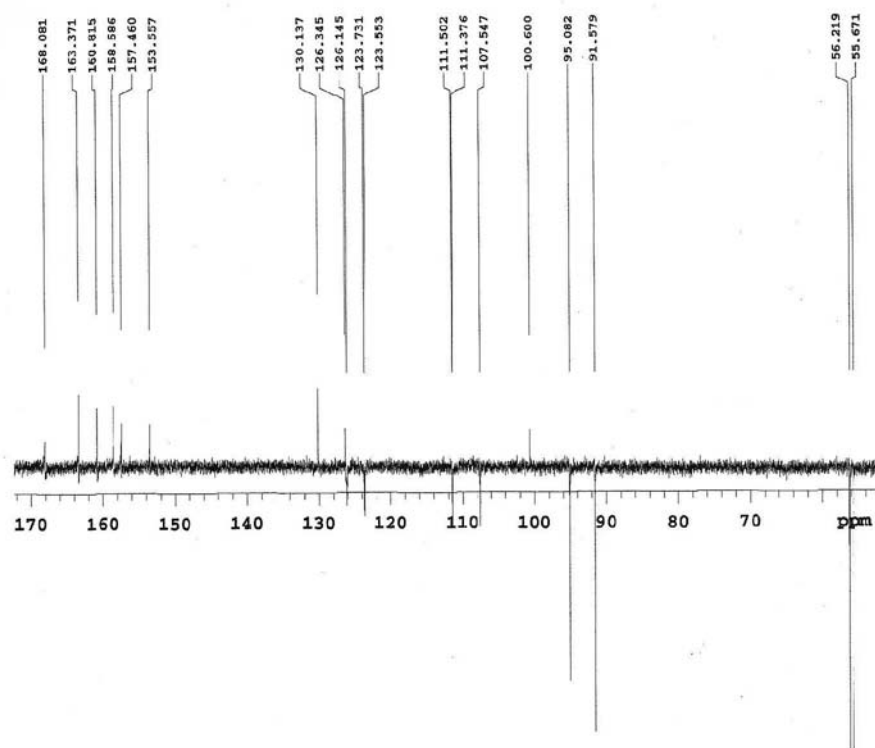


Figure S20. ^{13}C NMR spectrum (CD_3COCD_3 , 125 MHz) of the compound **2**.

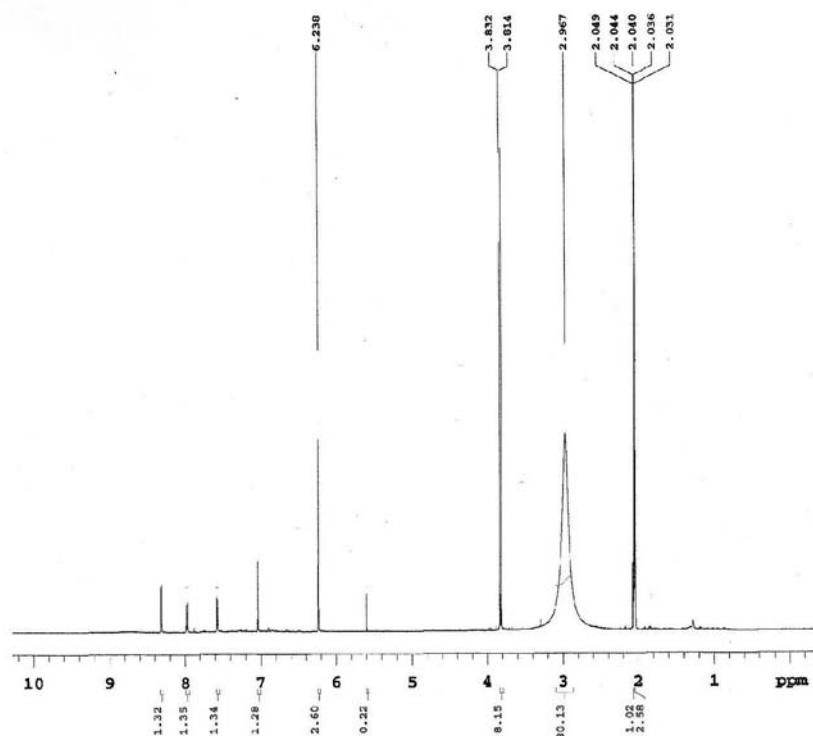


Figure S21. ^1H NMR spectrum (CD_3COCD_3 , 500 MHz) of the compound **2**.

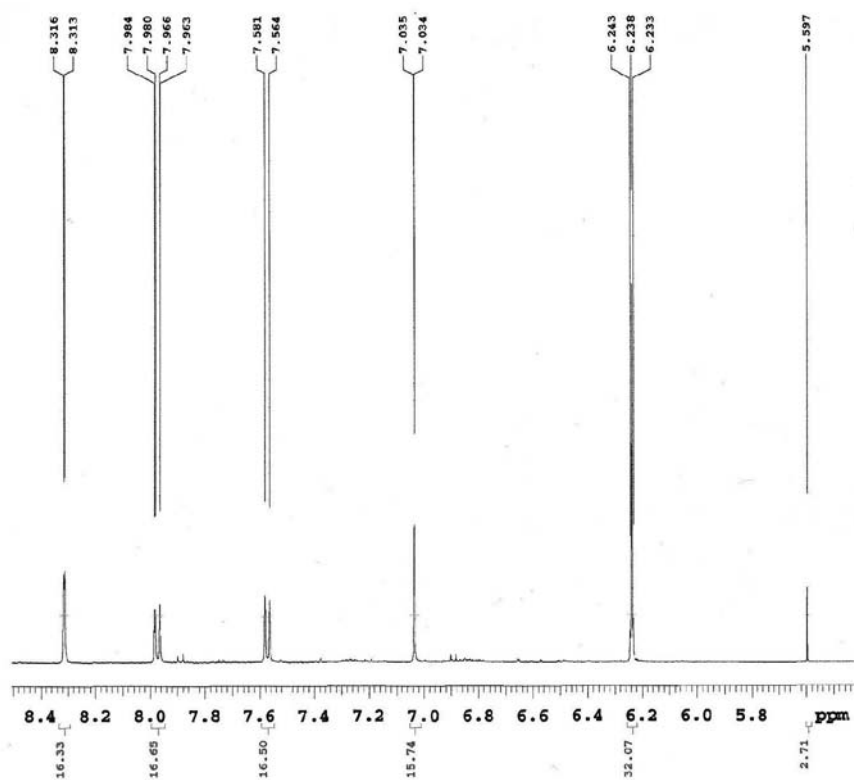


Figure S22. ¹H NMR spectrum (CD₃COCD₃, 500 MHz, δ_H 8.5-5.5) of the compound **2**.

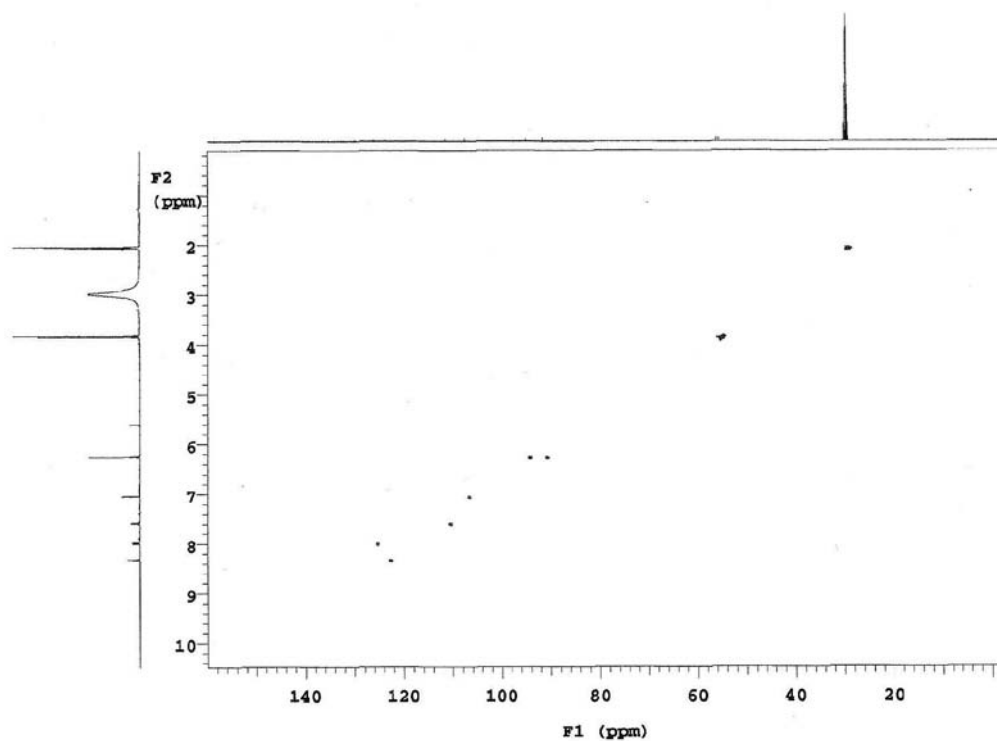


Figure S23. HMBC NMR experiment (CD₃COCD₃, 500 × 125 MHz) of the compound **2**.

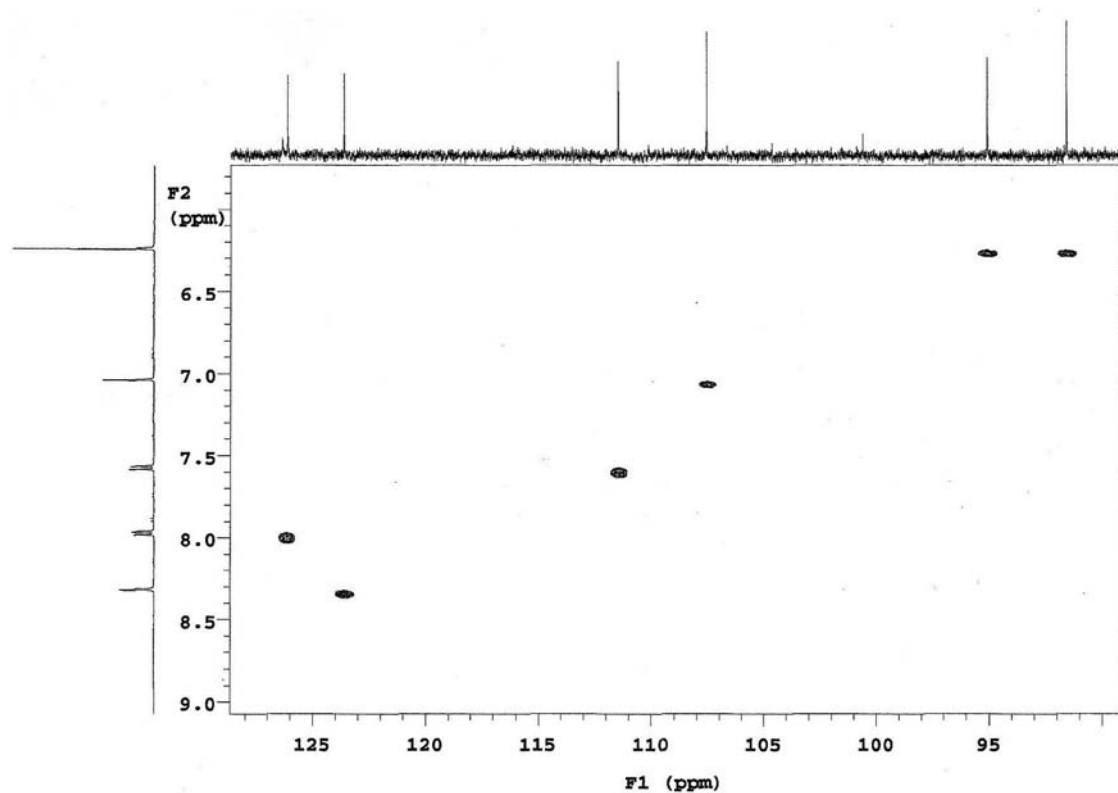


Figure S24. HMPC NMR experiment (CD_3COCD_3 , 500×125 MHz, δ_c 128-90) of the compound **2**.

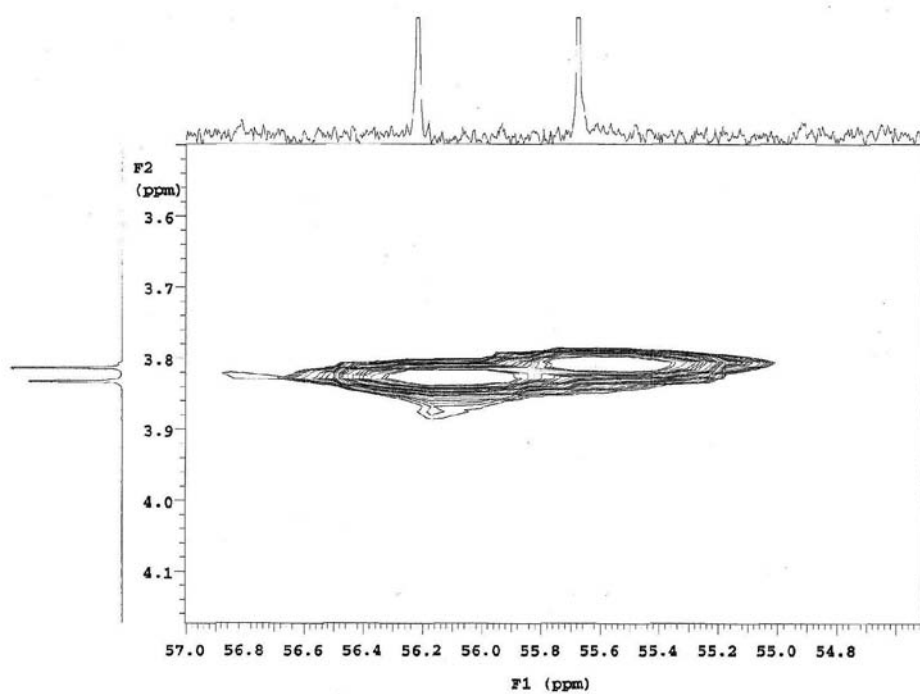


Figure S25. HMPC NMR experiment (CD_3COCD_3 , 500×125 MHz, δ_c 57-54) of the compound **2**.

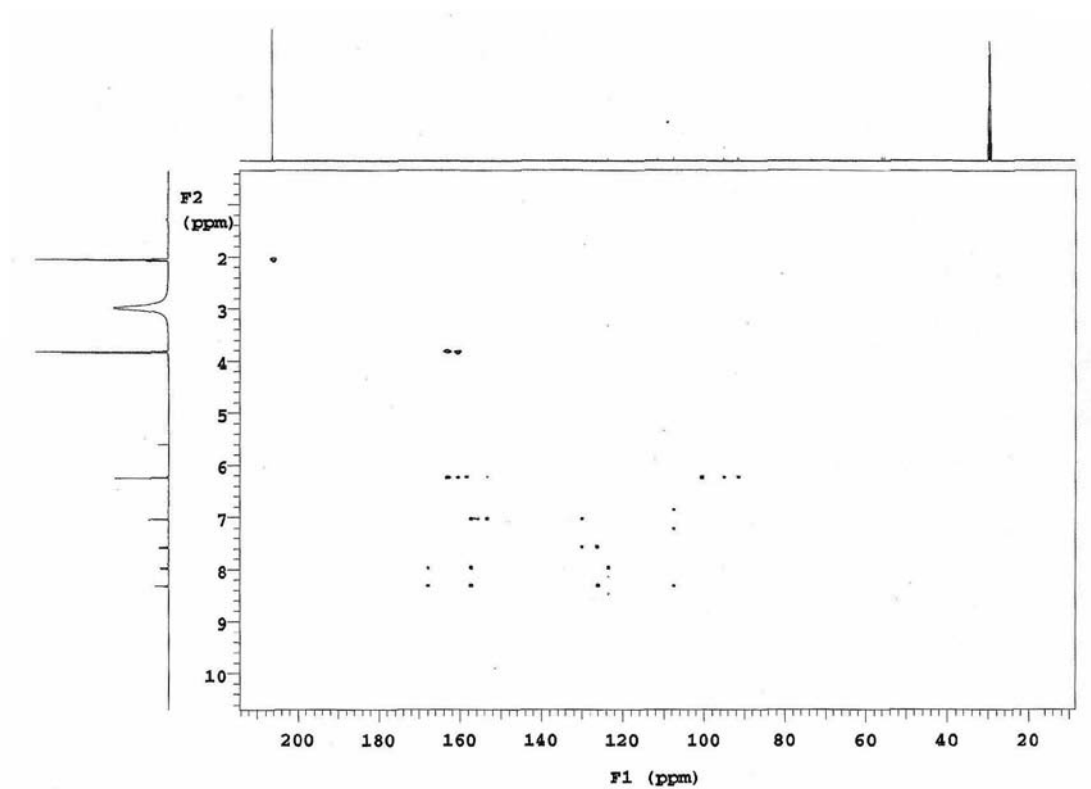


Figure S26. HMBC NMR experiment (CD_3COCD_3 , 500×125 MHz) of the compound **2**.

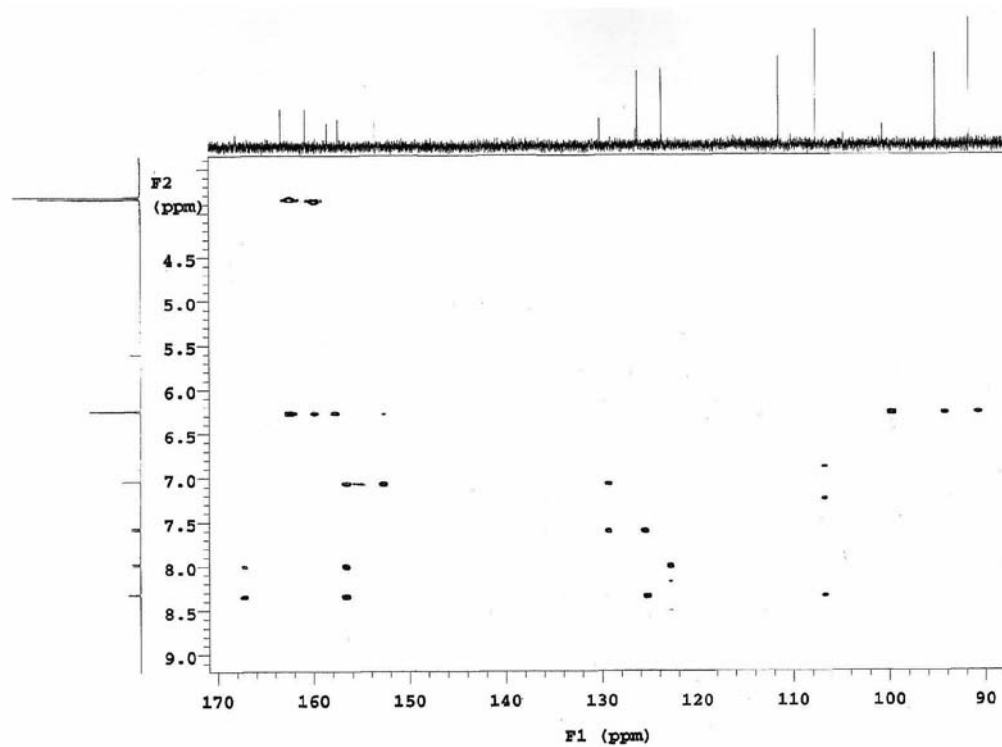


Figure S27. HMBC NMR experiment (CD_3COCD_3 , 500×125 MHz, δ_{C} 170-90) of the compound **2**.

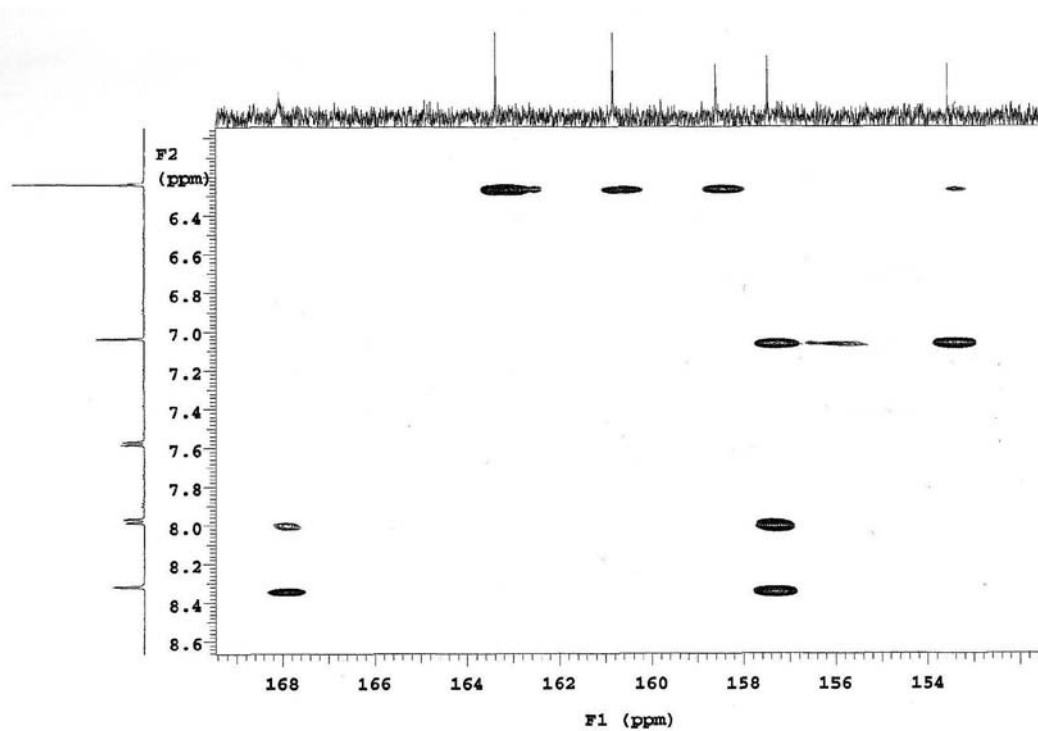


Figure S28. HMBC NMR experiment (CD_3COCD_3 , 500×125 MHz, δ_{C} 169-152) of the compound 2.

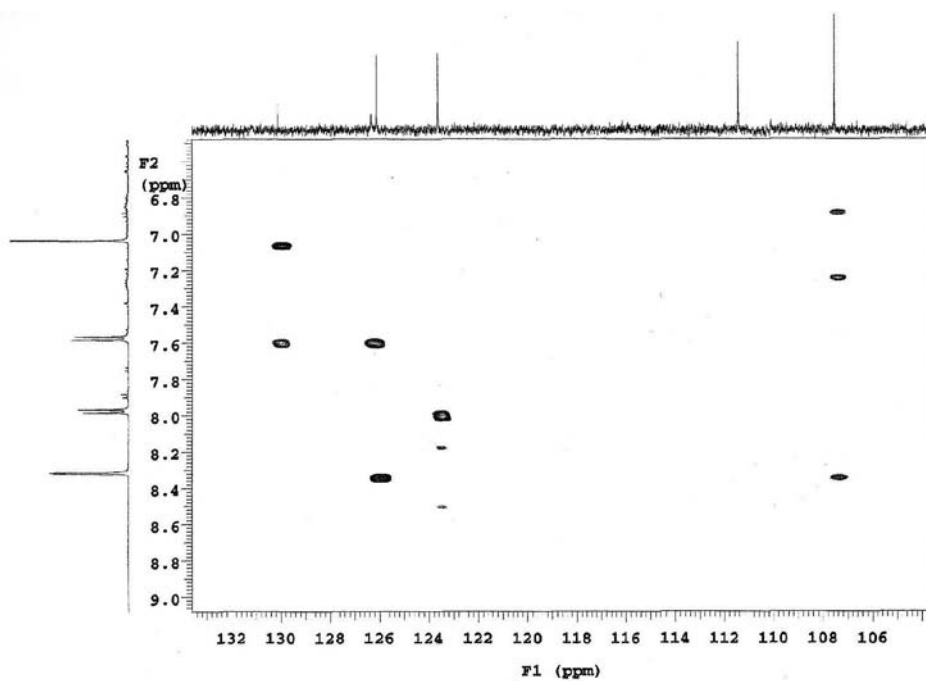


Figure S29. HMBC NMR experiment (CD_3COCD_3 , 500×125 MHz, δ_{C} 133-104) of the compound 2.

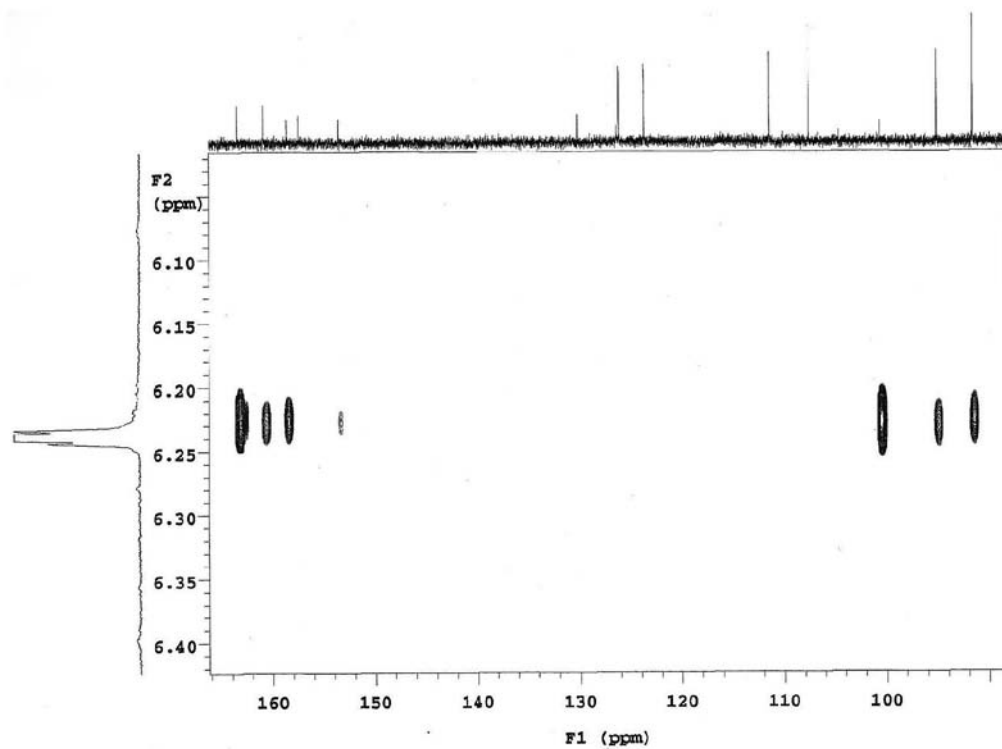


Figure S30. HMBC NMR experiment (CD_3COCD_3 , 500×125 MHz, δ_c 166-90) of the compound 2.

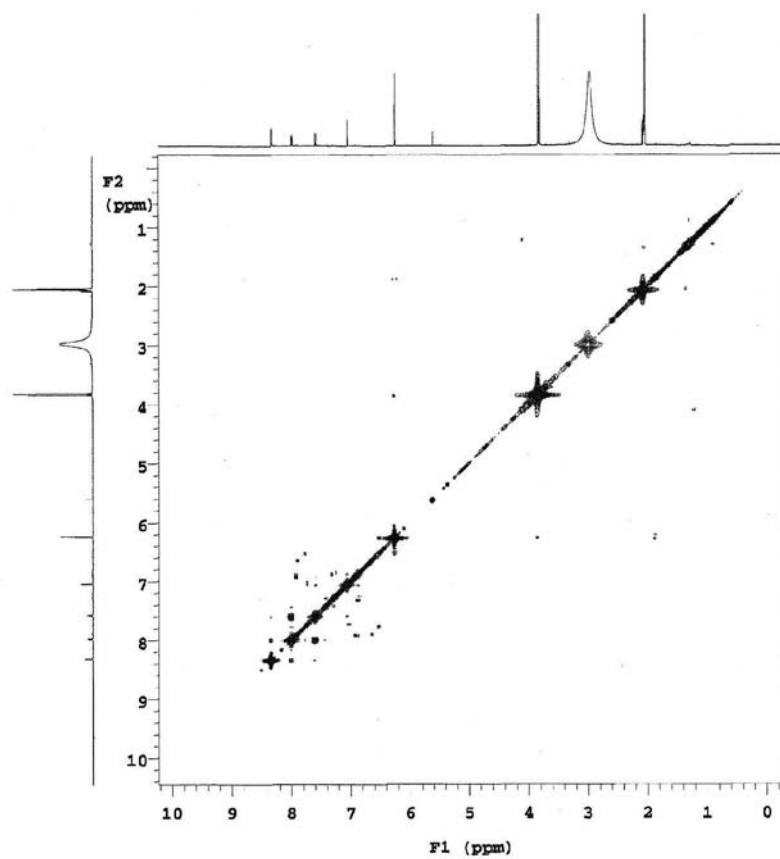


Figure S31. COSY NMR experiment (CD_3COCD_3 , 500 MHz) of the compound 2.

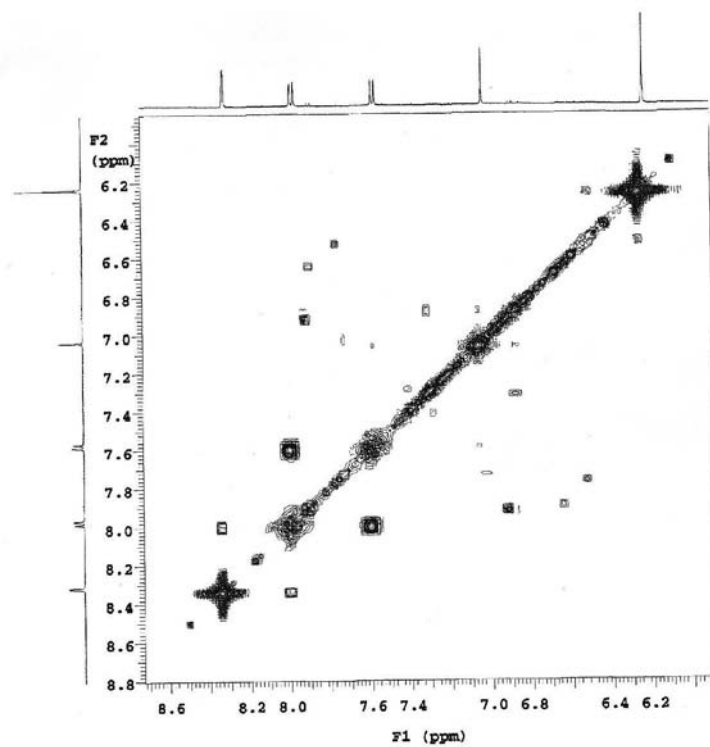


Figure S32. COSY NMR experiment (CD₃COCD₃, 500 MHz, δ_{H} 8.6-5.8) of the compound **2**.

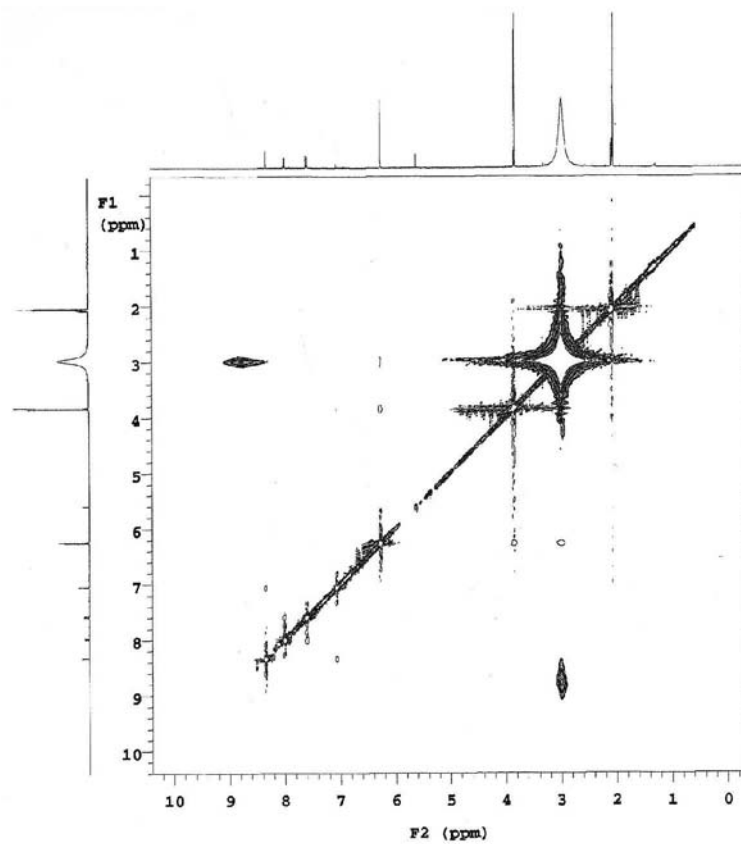


Figure S33. NOESY NMR experiment (CD₃COCD₃, 500 MHz) of the compound **2**.

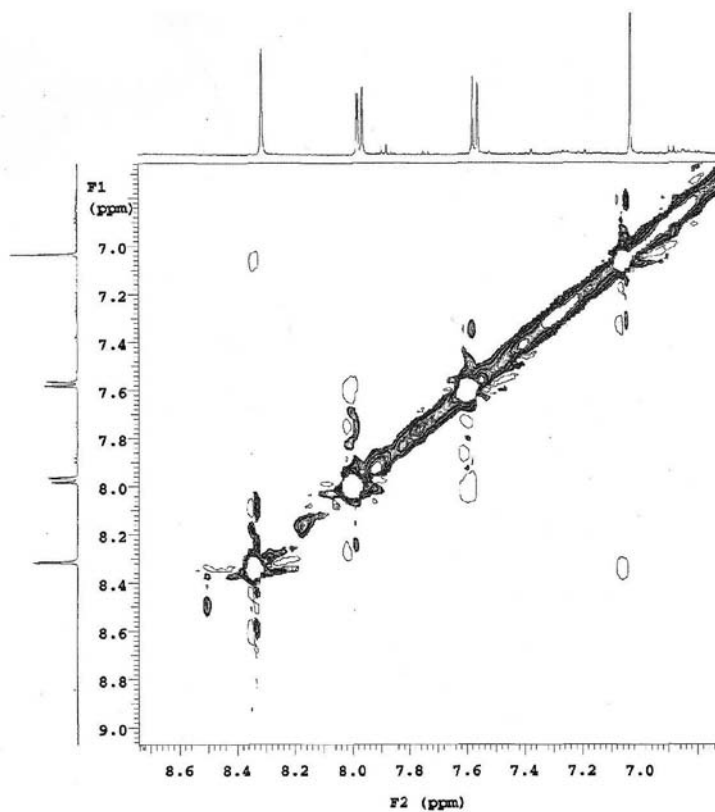


Figure S34. NOESY NMR experiment (CD_3COCD_3 , 500 MHz, δ_{H} 8.7-6.8) of the compound 2.

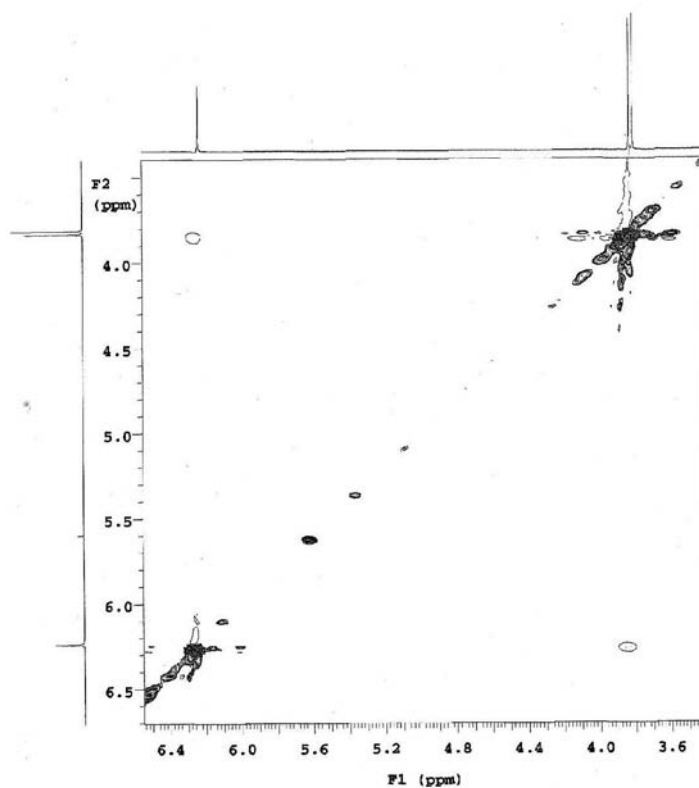


Figure S35. NOESY NMR experiment (CD_3COCD_3 , 500 MHz, δ_{H} 6.5-3.5) of the compound 2.

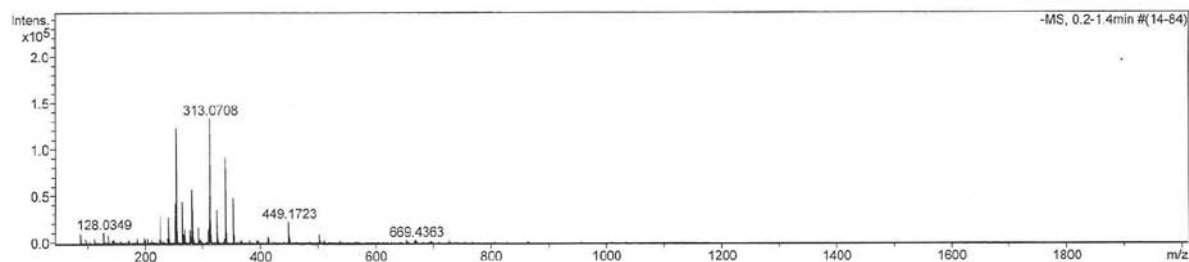


Figure S36. HR-ESI-MS spectrum of the compound 2.

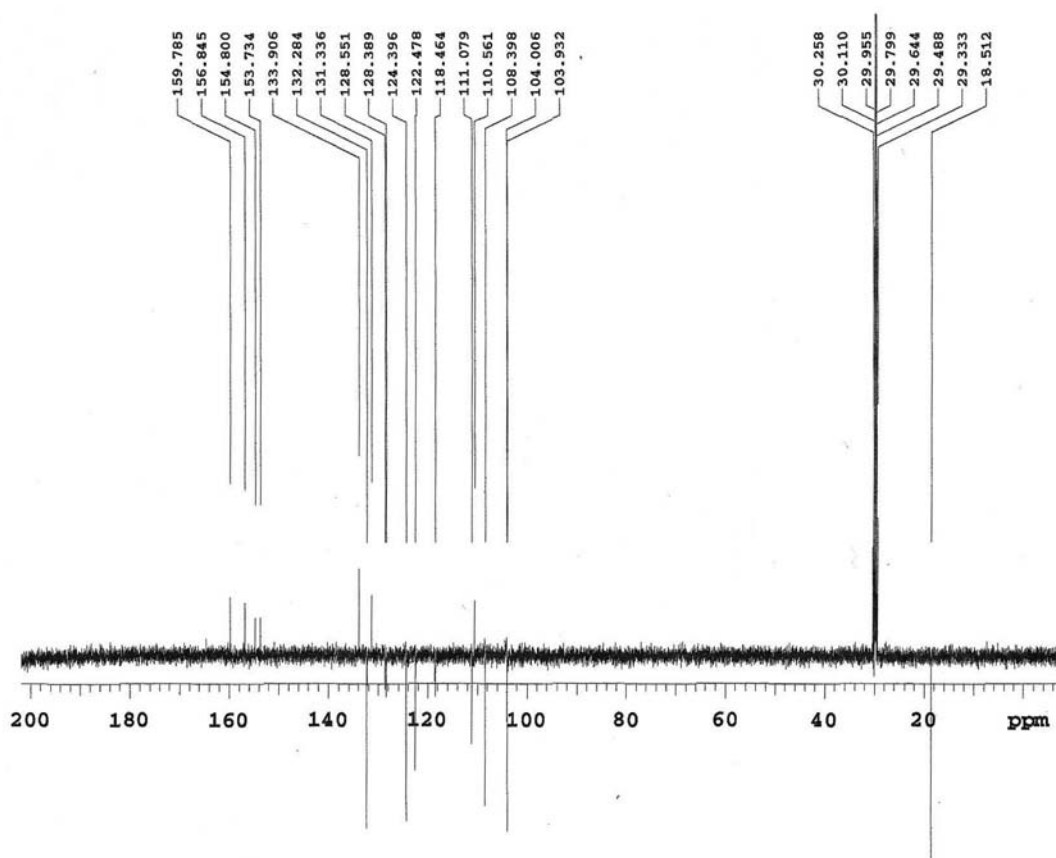


Figure S37. ¹³C NMR spectrum (CD₃COCD₃, 125 MHz) of the compound 3.

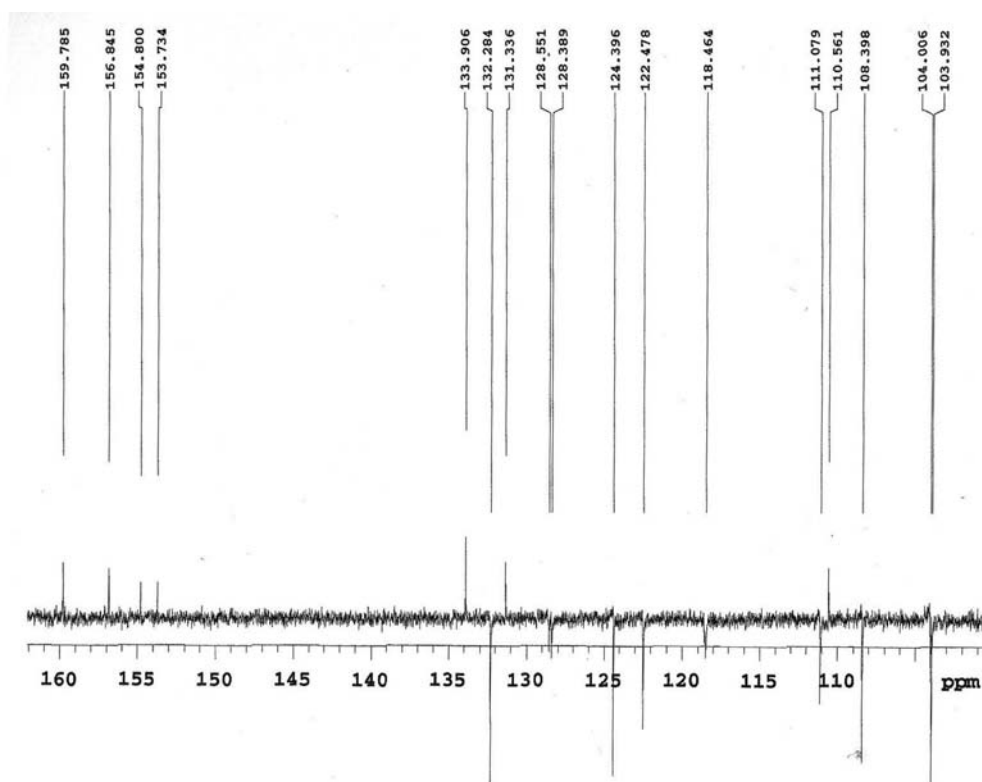


Figure S38. ¹³C NMR spectrum (CD₃COCD₃, 125 MHz, δ_C 162-101) of the compound **3**.

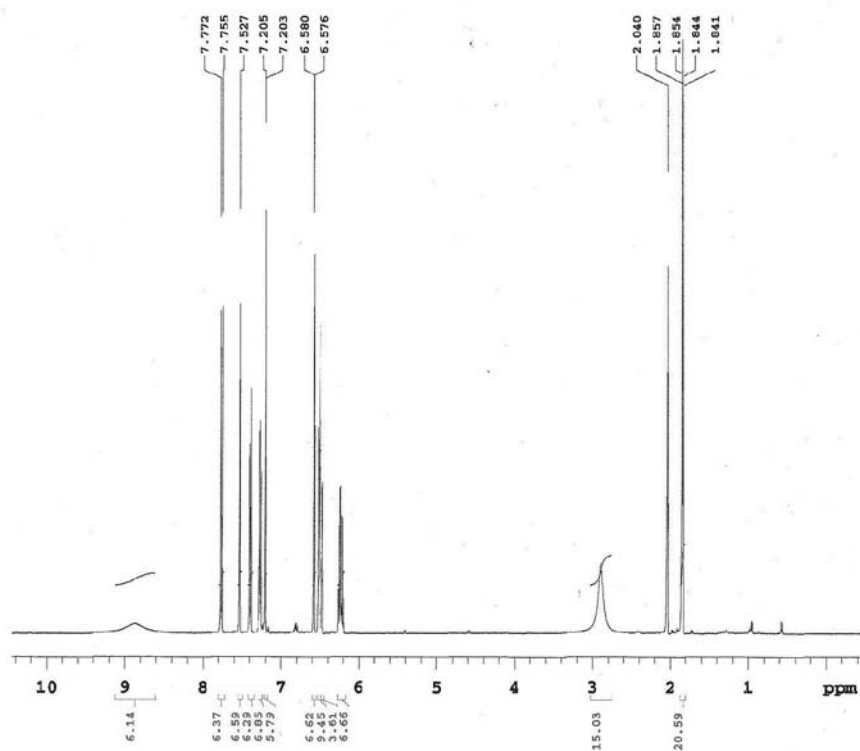


Figure S39. ¹H NMR spectrum (CD₃COCD₃, 500 MHz) of the compound **3**.

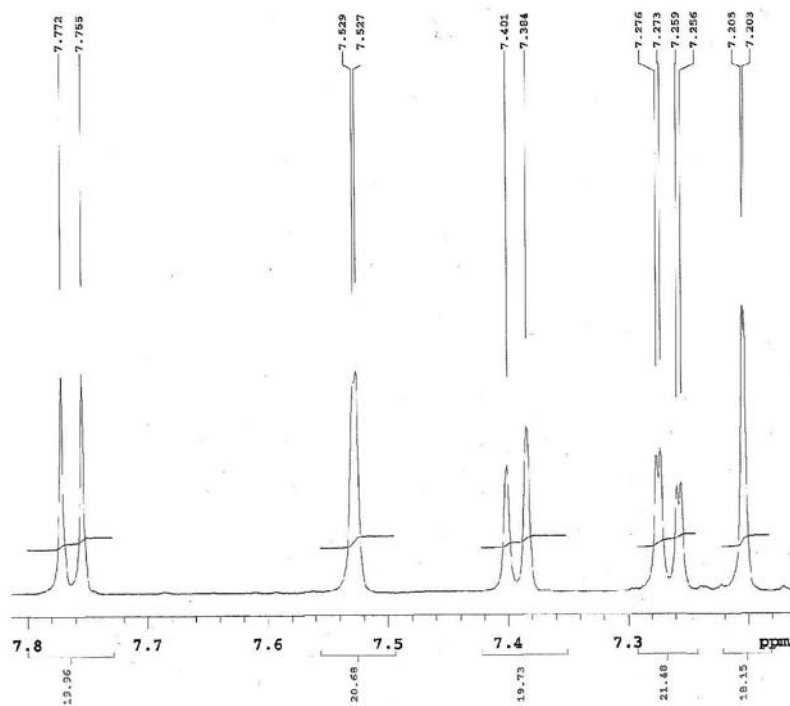


Figure S40. ¹H NMR spectrum (CD₃COCD₃, 500 MHz, δ_H 7.8-7.2) of the compound 3.

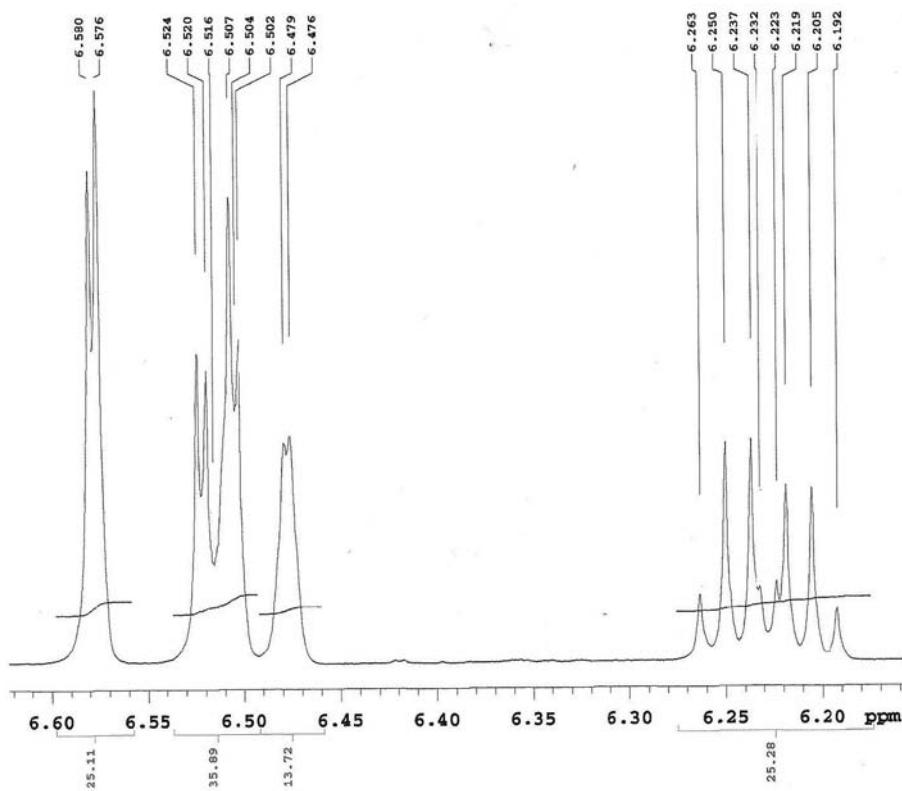


Figure S41. ¹H NMR spectrum (CD₃COCD₃, 500 MHz, δ_H 6.6-6.1) of the compound 3.

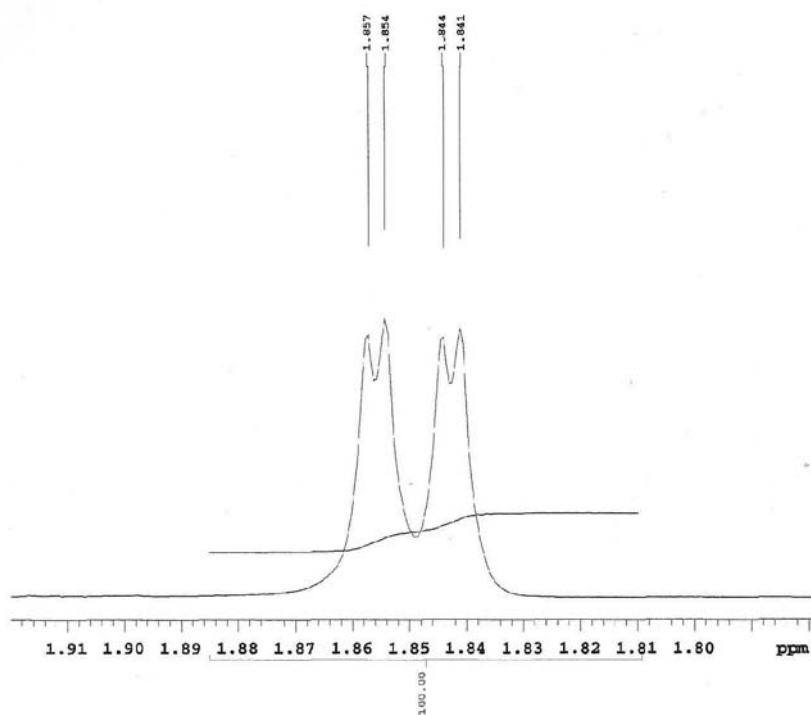


Figure S42. ^1H NMR spectrum (CD_3COCD_3 , 500 MHz, δ_{H} 1.9-1.7) of the compound **3**.

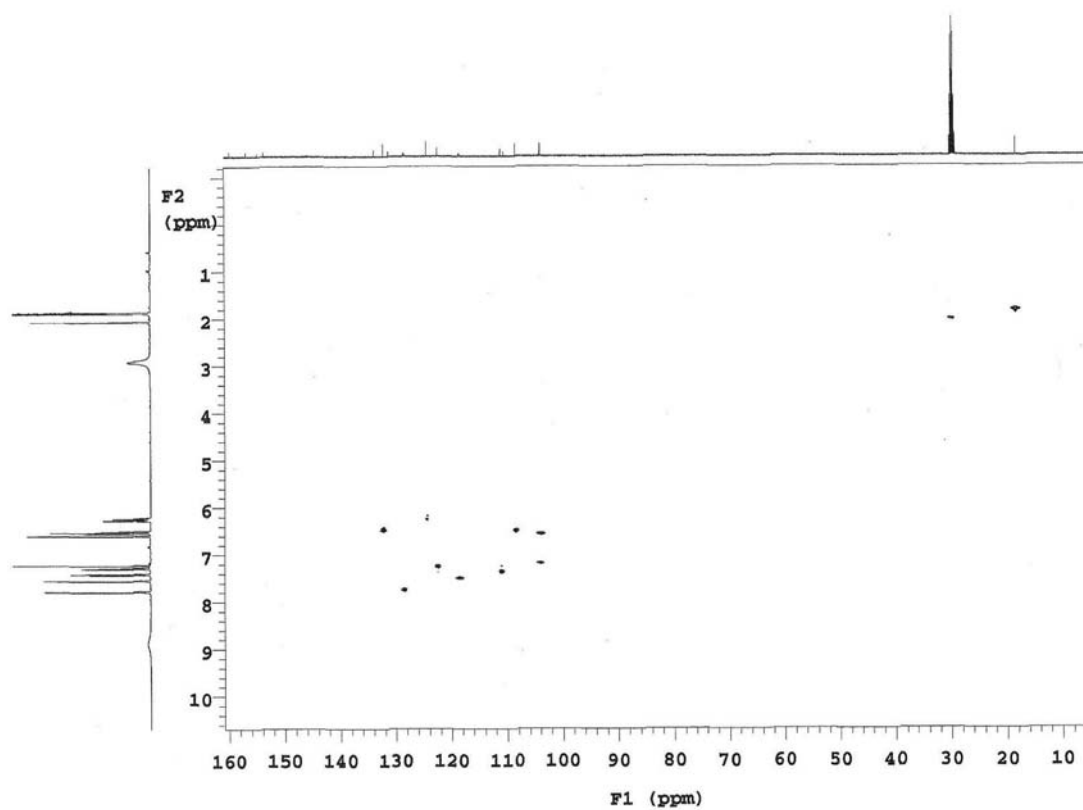


Figure S43. HMBC NMR experiment (CD_3COCD_3 , 500 $\times$ 125 MHz) of the compound **3**.

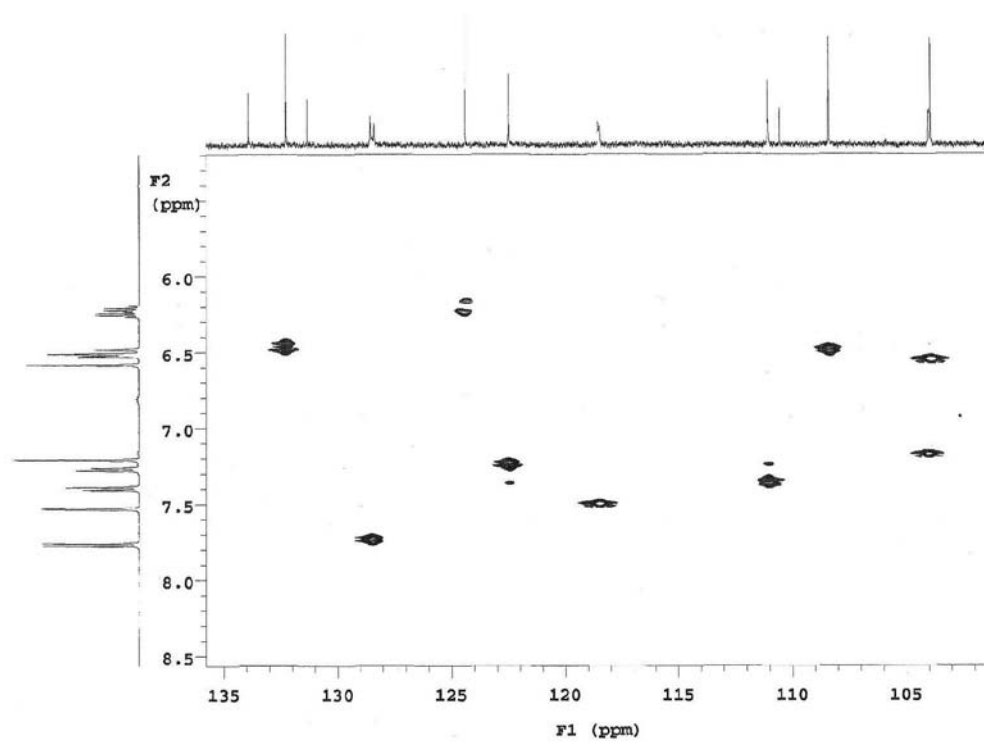


Figure S44. HMBC NMR experiment (CD_3COCD_3 , 500×125 MHz, δ_{C} 135-101) of the compound 3.

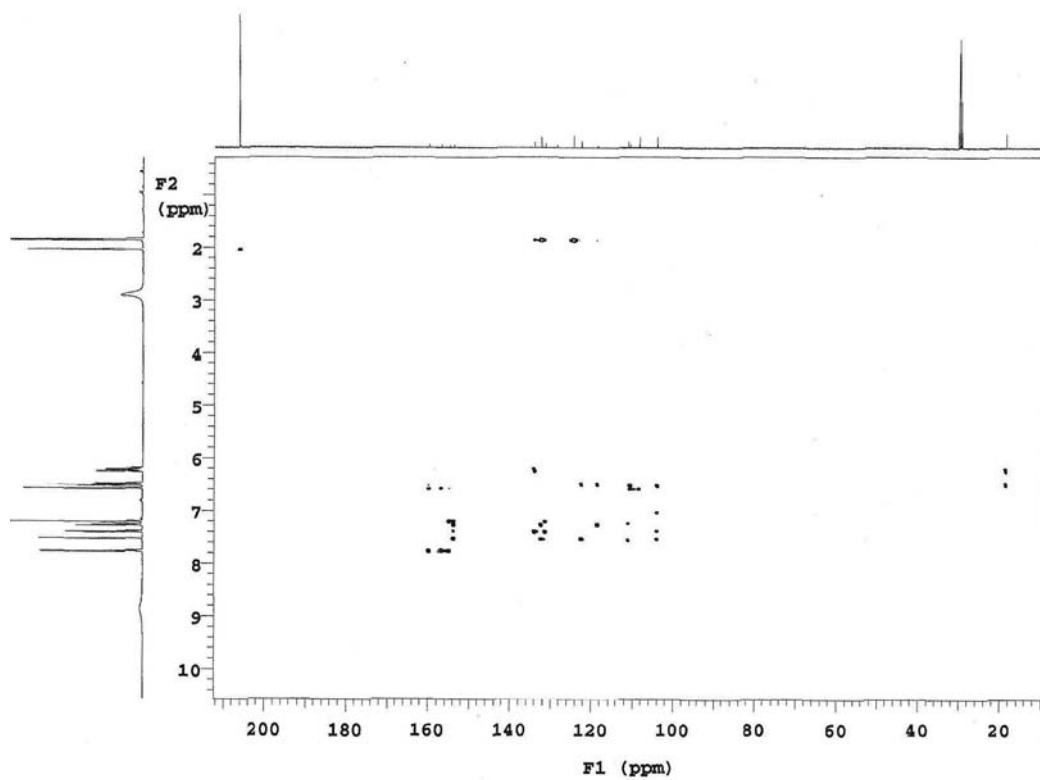


Figure S45. HMBC NMR experiment (CD_3COCD_3 , 500×125 MHz) of the compound 3.

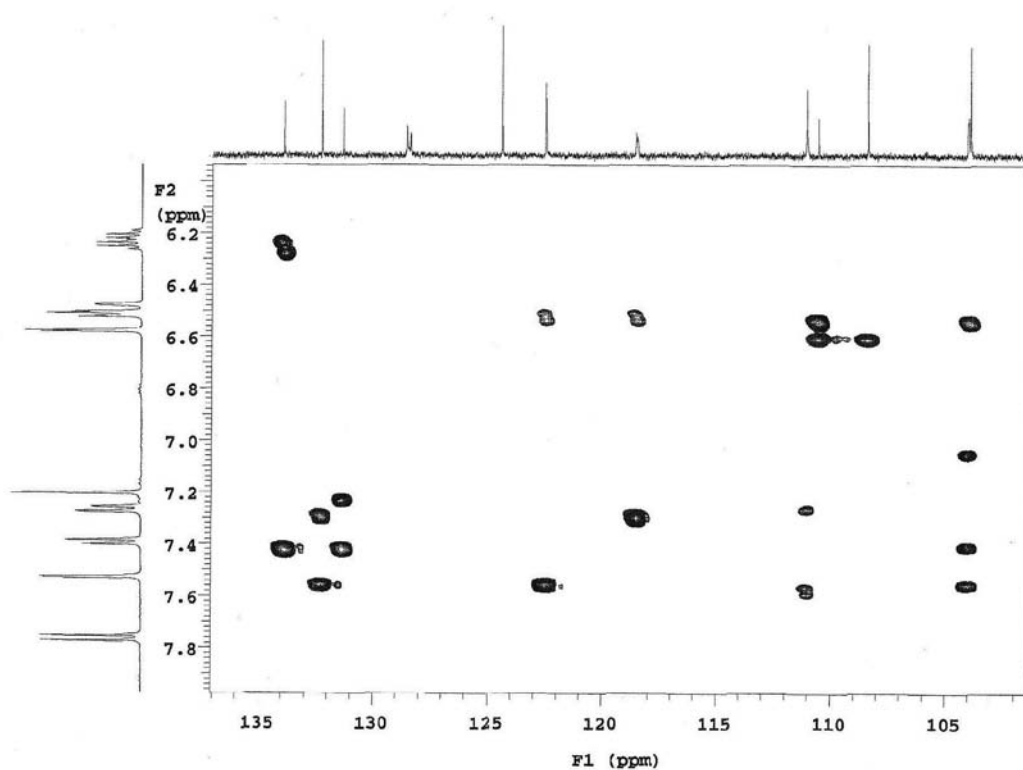


Figure S46. HMBC NMR experiment (CD_3COCD_3 , 500×125 MHz, δ_{C} 137-102) of the compound 3.

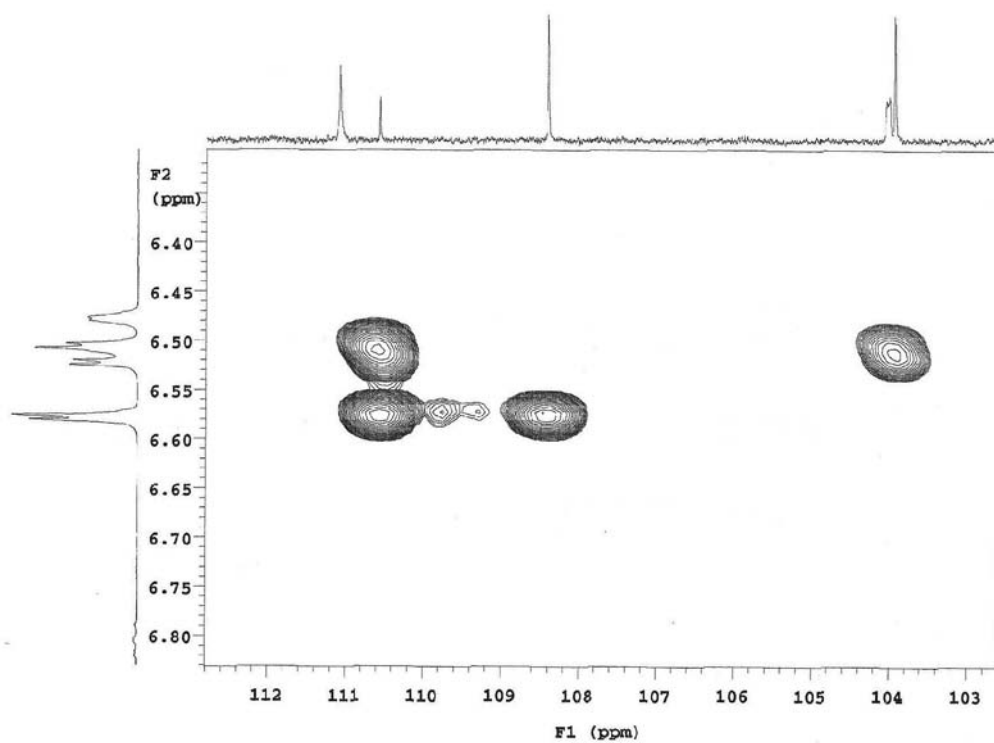


Figure S47. HMBC NMR experiment (CD_3COCD_3 , 500×125 MHz, δ_{C} 113-103) of the compound 3.