

Chevalones H-M: Six New α -Pyrone Meroterpenoids from the Gorgonian Coral-derived Fungus *Aspergillus hiratsukae* SCSIO 7S2001

Xia-Yu Chen^{1,2}, Qi Zeng^{1,2}, Yu-Chan Chen³, Wei-Mao Zhong¹, Yao Xiang^{1,2}, Jun-Feng Wang¹, Xue-Feng Shi¹, Si Zhang¹, and Fa-Zuo Wang^{1,*}

¹ CAS Key Laboratory of Tropical Marine Bio-resources and Ecology, Southern Marine Science and Engineering Guangdong Laboratory (Guangzhou), Guangdong Key Laboratory of Marine Materia Medica, RNAM Center for Marine Microbiology, South China Sea Institute of Oceanology, Chinese Academy of Sciences, 164 West Xingang Road, Guangzhou 510301, China; chenxiayu17@mailsucas.ac.cn; 18489875310@163.com; 792193347@qq.com; xy920412@sina.cn; shixuefeng@scsio.ac.cn; shixuefeng@scsio.ac.cn; zhsimd@scsio.ac.cn;

² University of Chinese Academy of Sciences, 19 Yuquan Road, Beijing 100049, China;

³ State Key Laboratory of Applied Microbiology Southern China, Guangdong Provincial Key Laboratory of Microbial Culture Collection and Application, Guangdong Open Laboratory of Applied Microbiology, Guangdong Institute of Microbiology, 100 Central Xianlie Road, Guangzhou 510070, China; chenyc@gdim.cn

* Correspondence: wangfazu@scsio.ac.cn.

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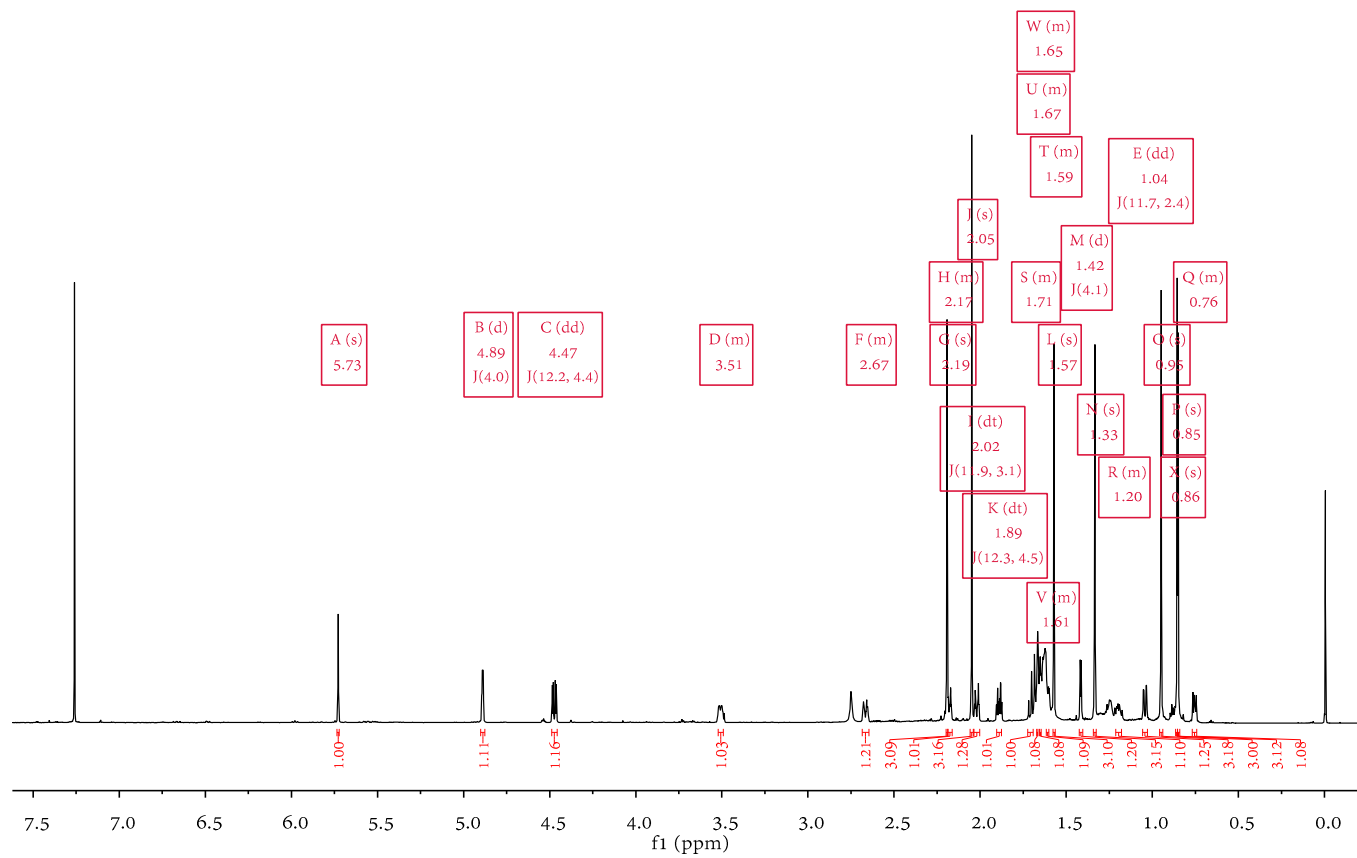


Figure S1. The ^1H NMR spectrum of compound **1** in CDCl_3 .

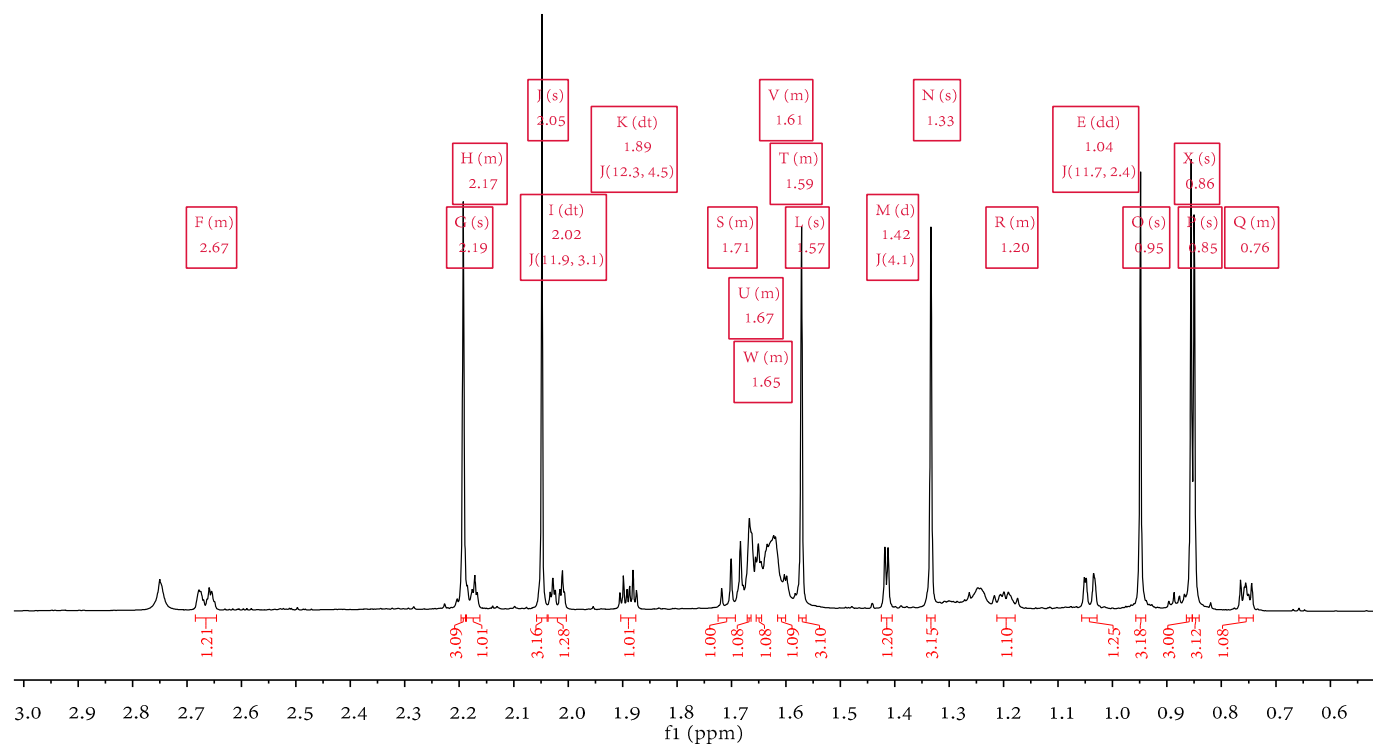


Figure S2. The ^1H NMR spectrum (0-3 ppm) of compound 1 in CDCl_3 .

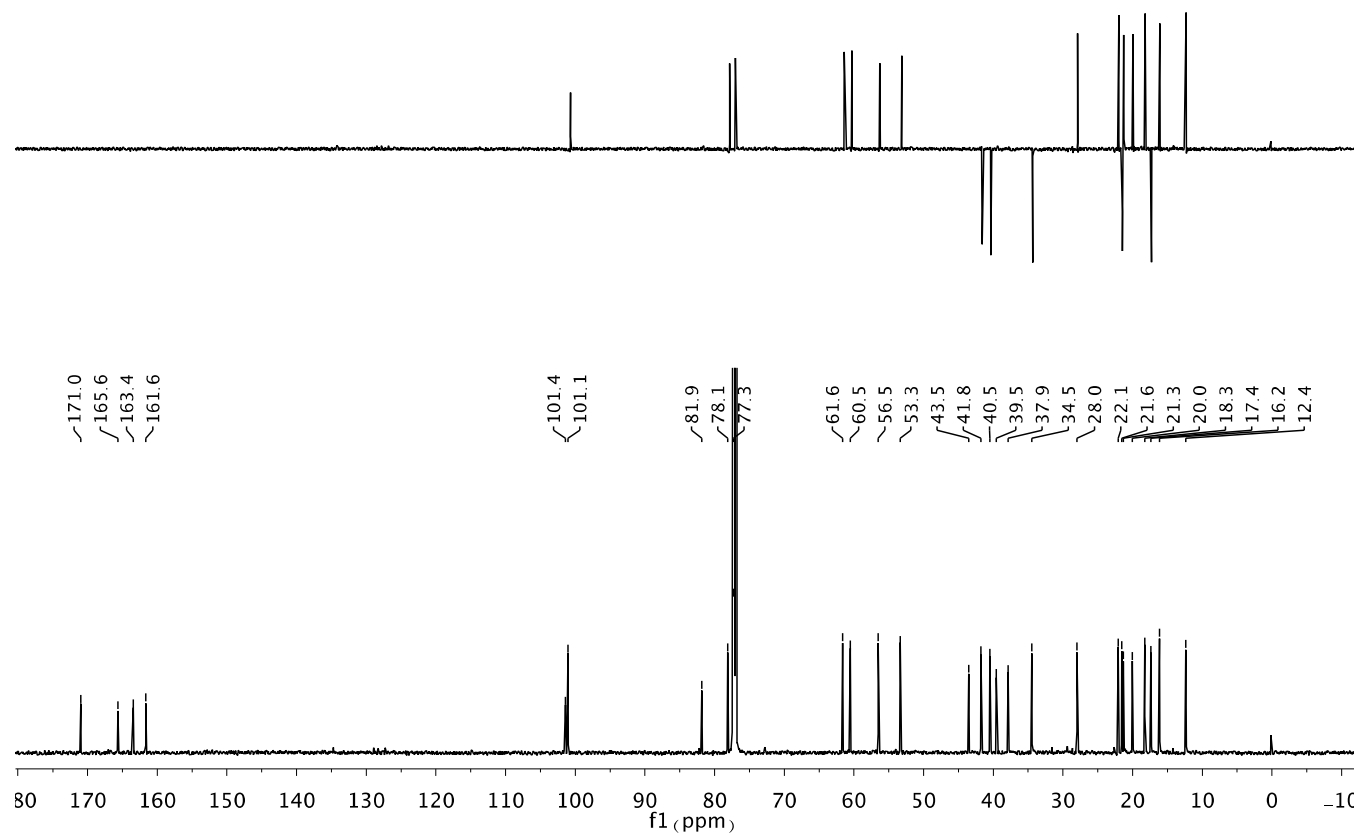


Figure S3. The ^{13}C NMR spectrum of compound 1 in CDCl_3 .

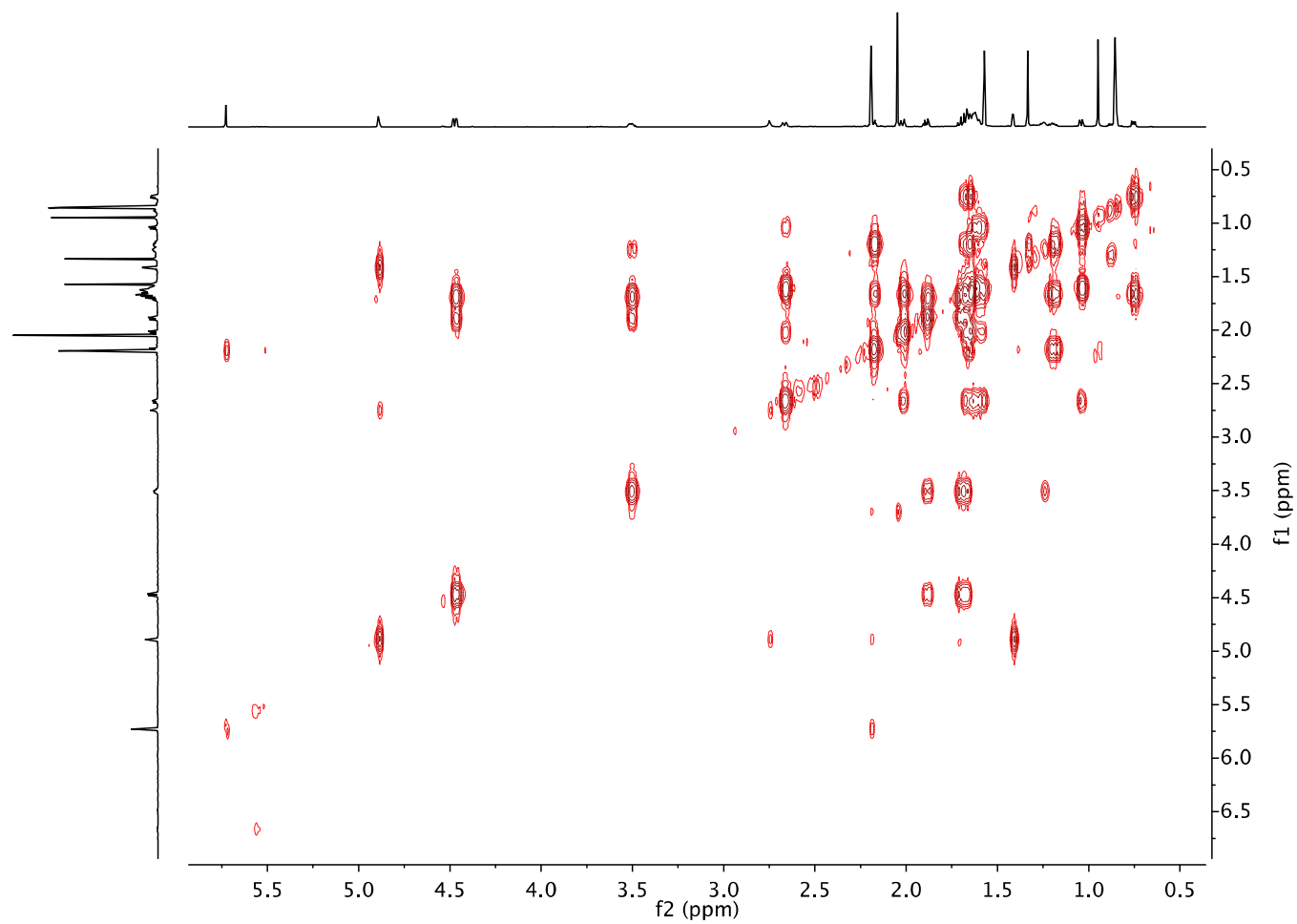


Figure S4. The ^1H - ^1H COSY spectrum of compound 1 in CDCl_3 .

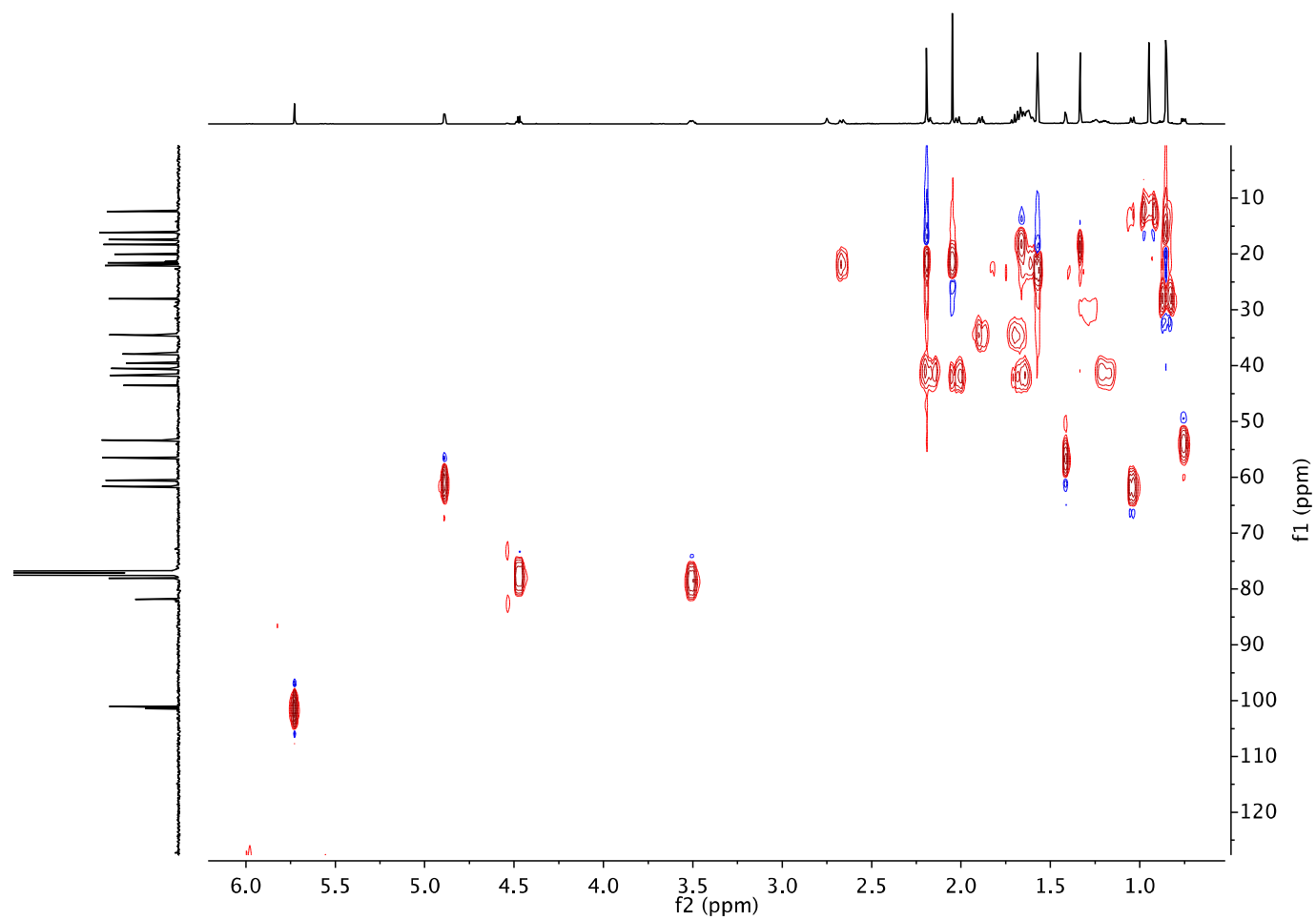


Figure S5. The HSQC spectrum of compound 1 in CDCl_3 .

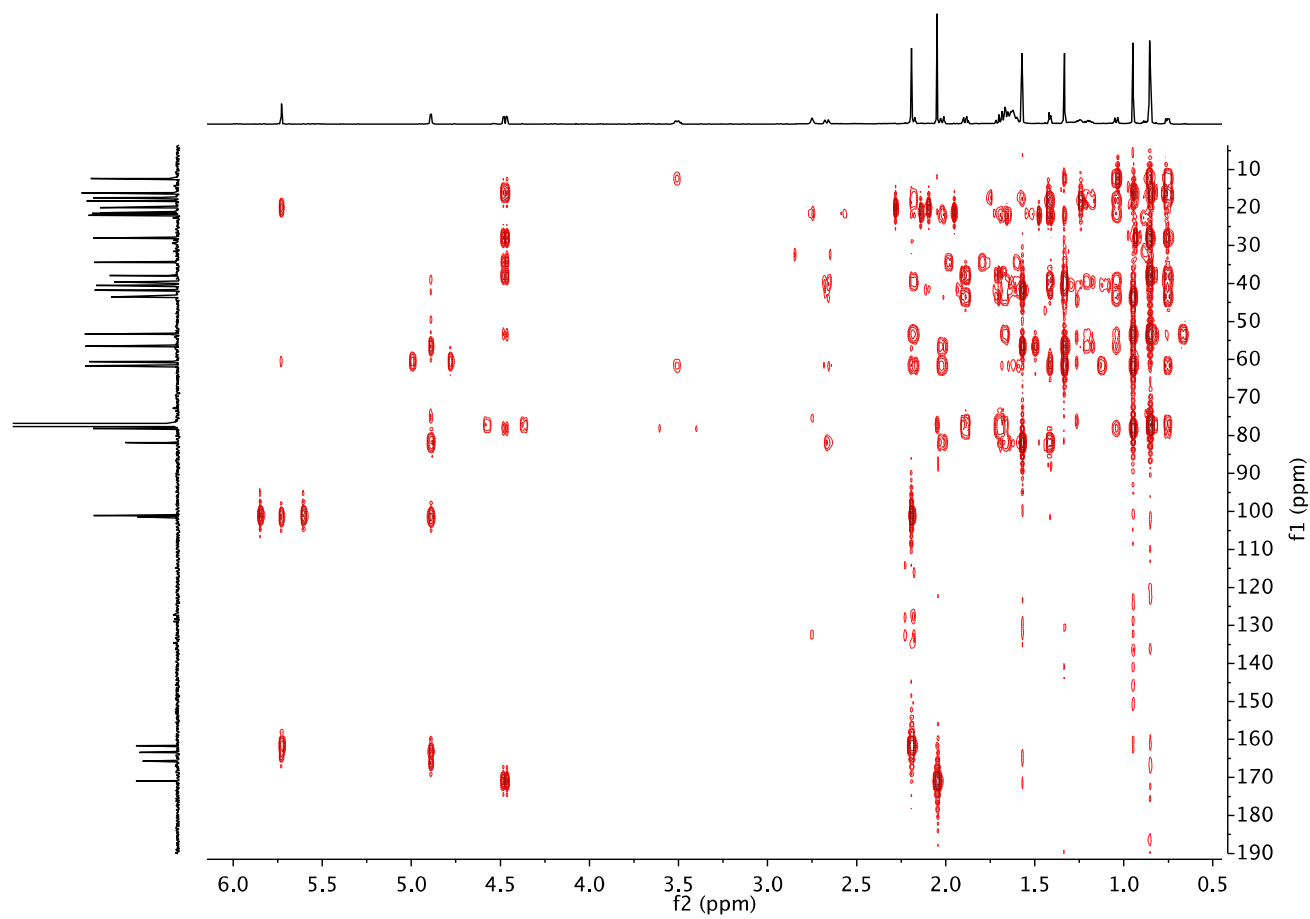


Figure S6. The HMBC spectrum of compound 1 in CDCl₃.

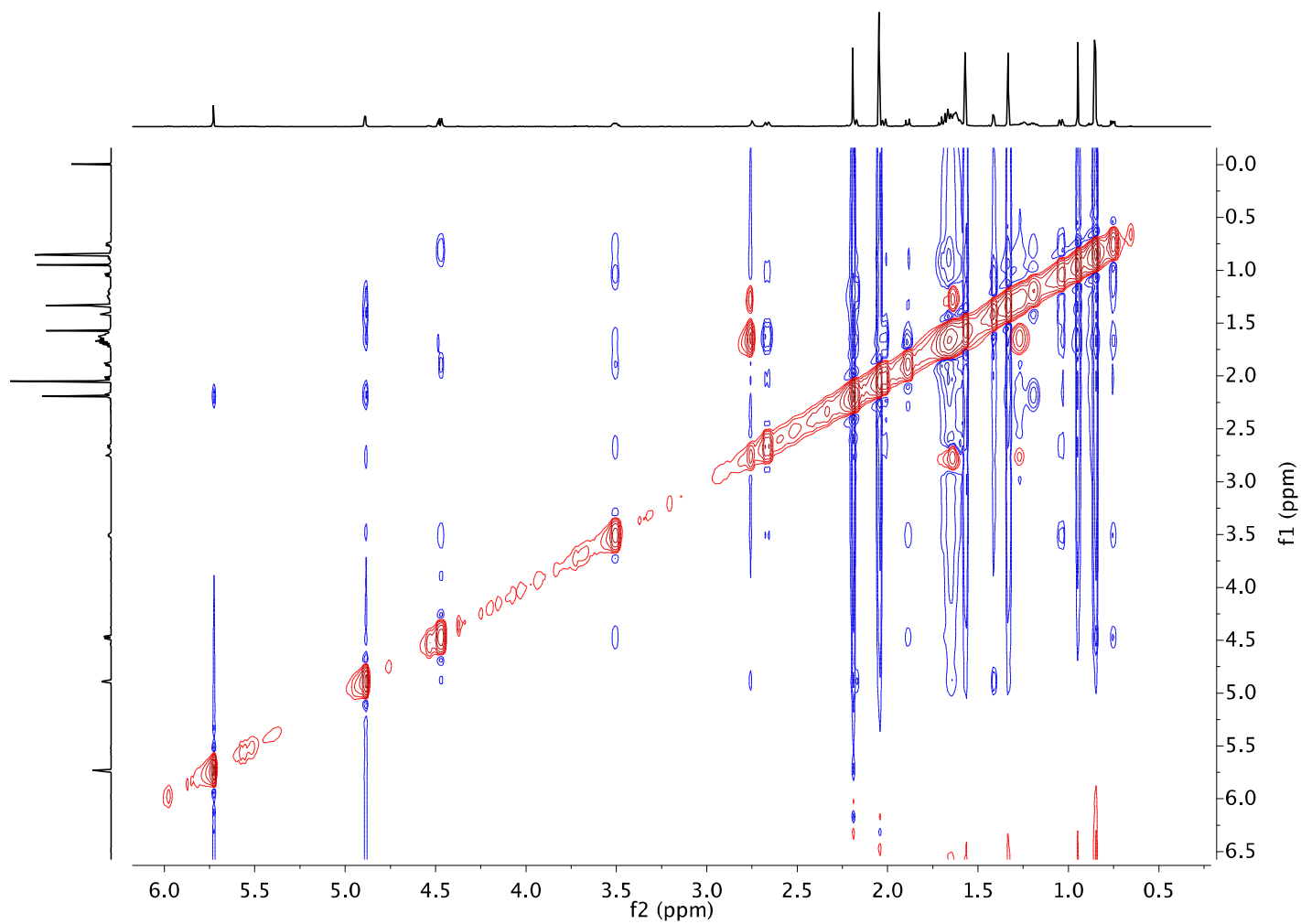


Figure S7. The NOESY spectrum of compound 1 in CDCl₃.

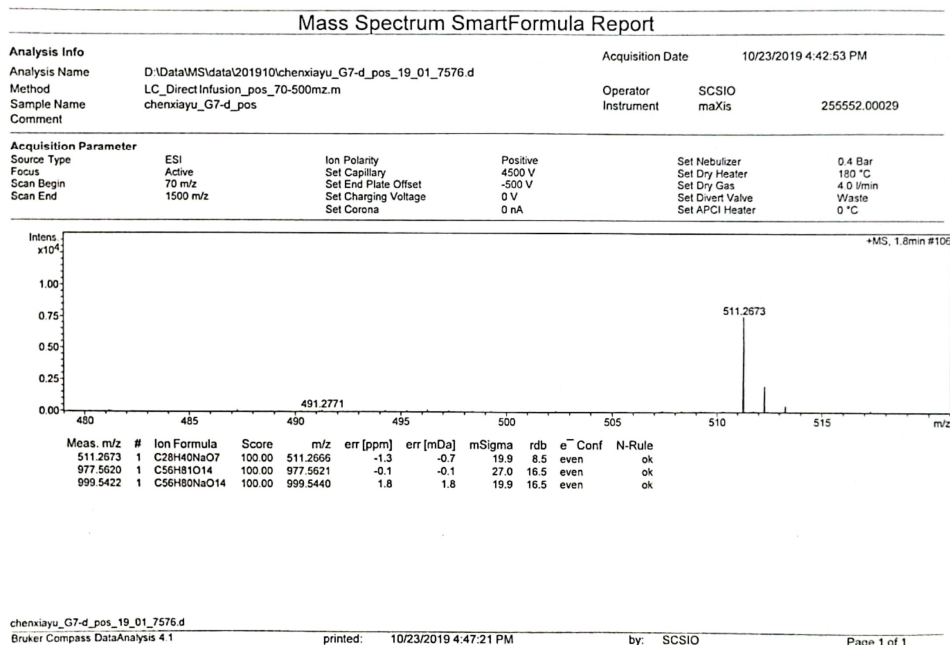


Figure S8. The HRESIMS spectra of compound 1.

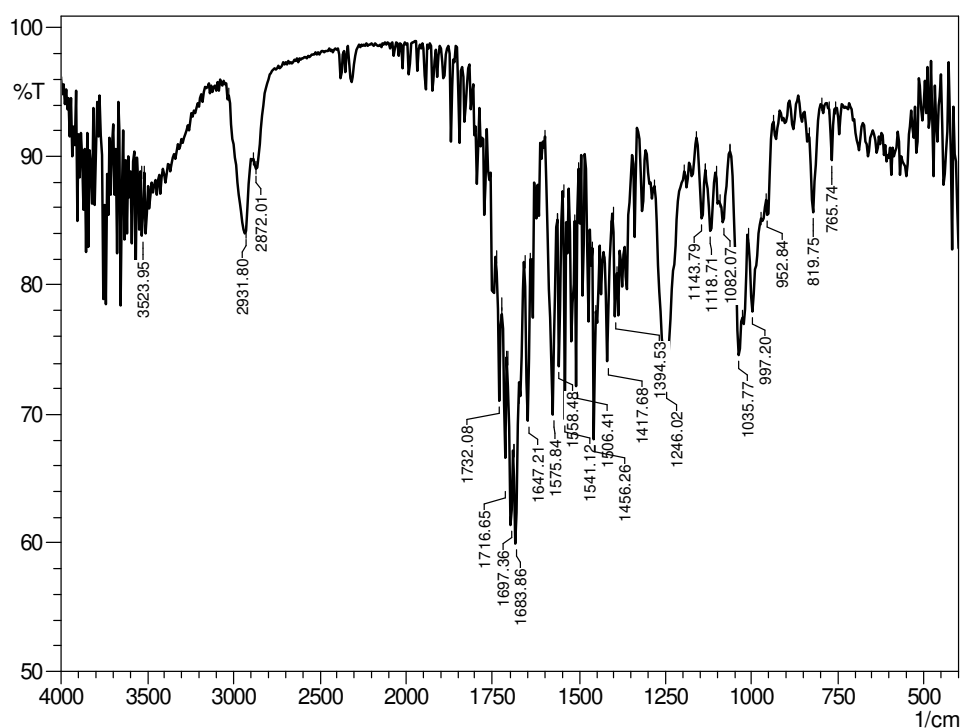


Figure S9. The IR spectrum of compound 1.

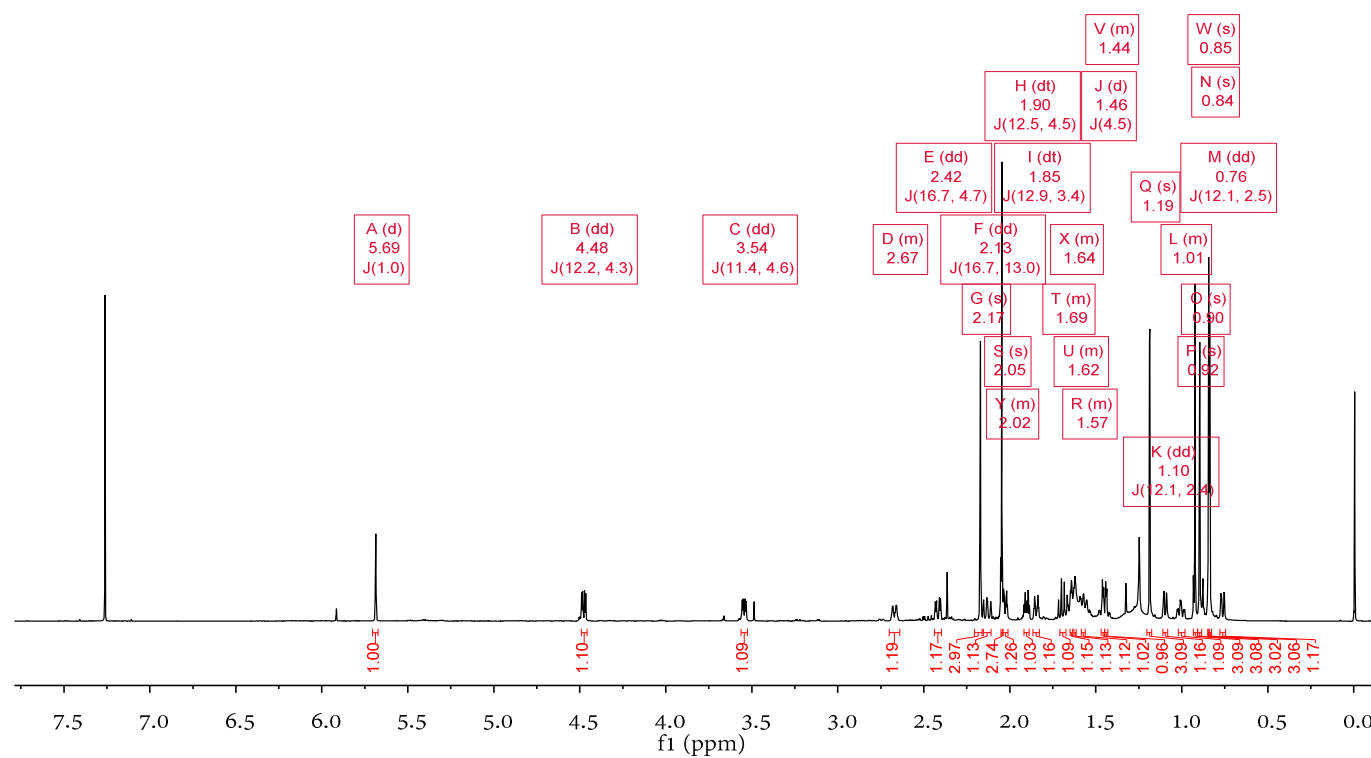


Figure S10. The ^1H NMR spectrum of compound **2** in CDCl_3 .

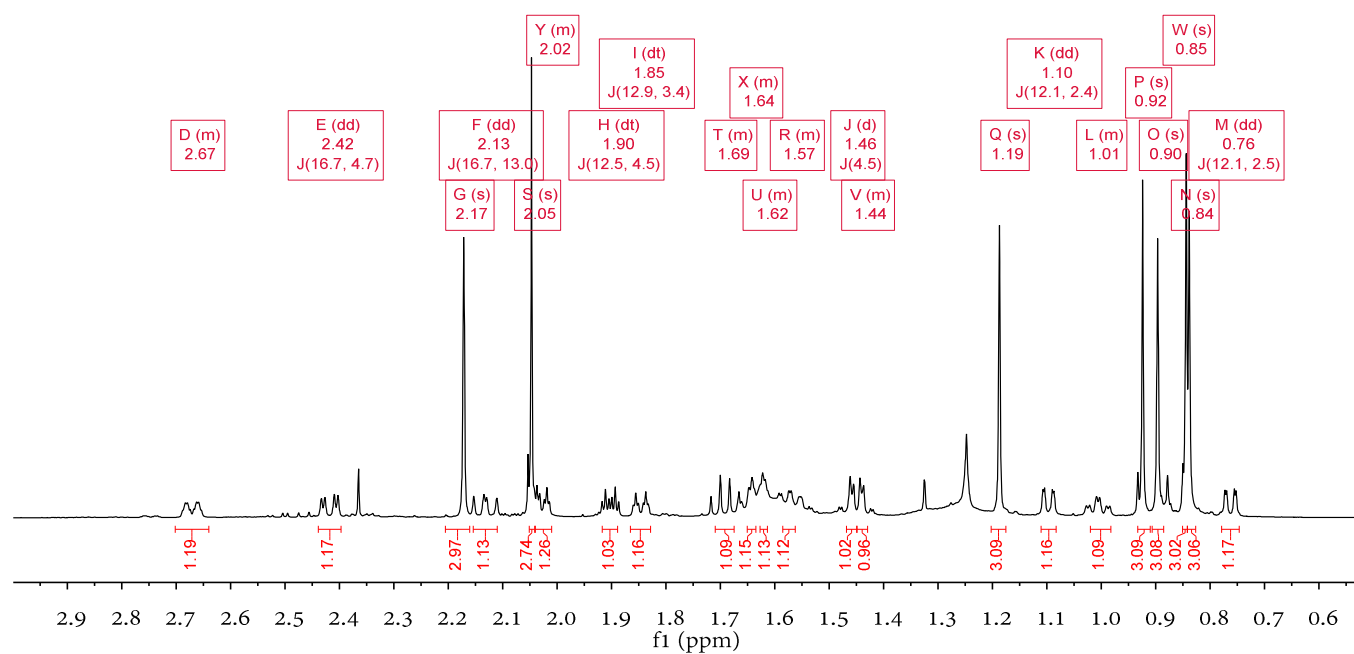


Figure S11. The ^1H NMR spectrum (0-3 ppm) of compound 2 in CDCl_3 .

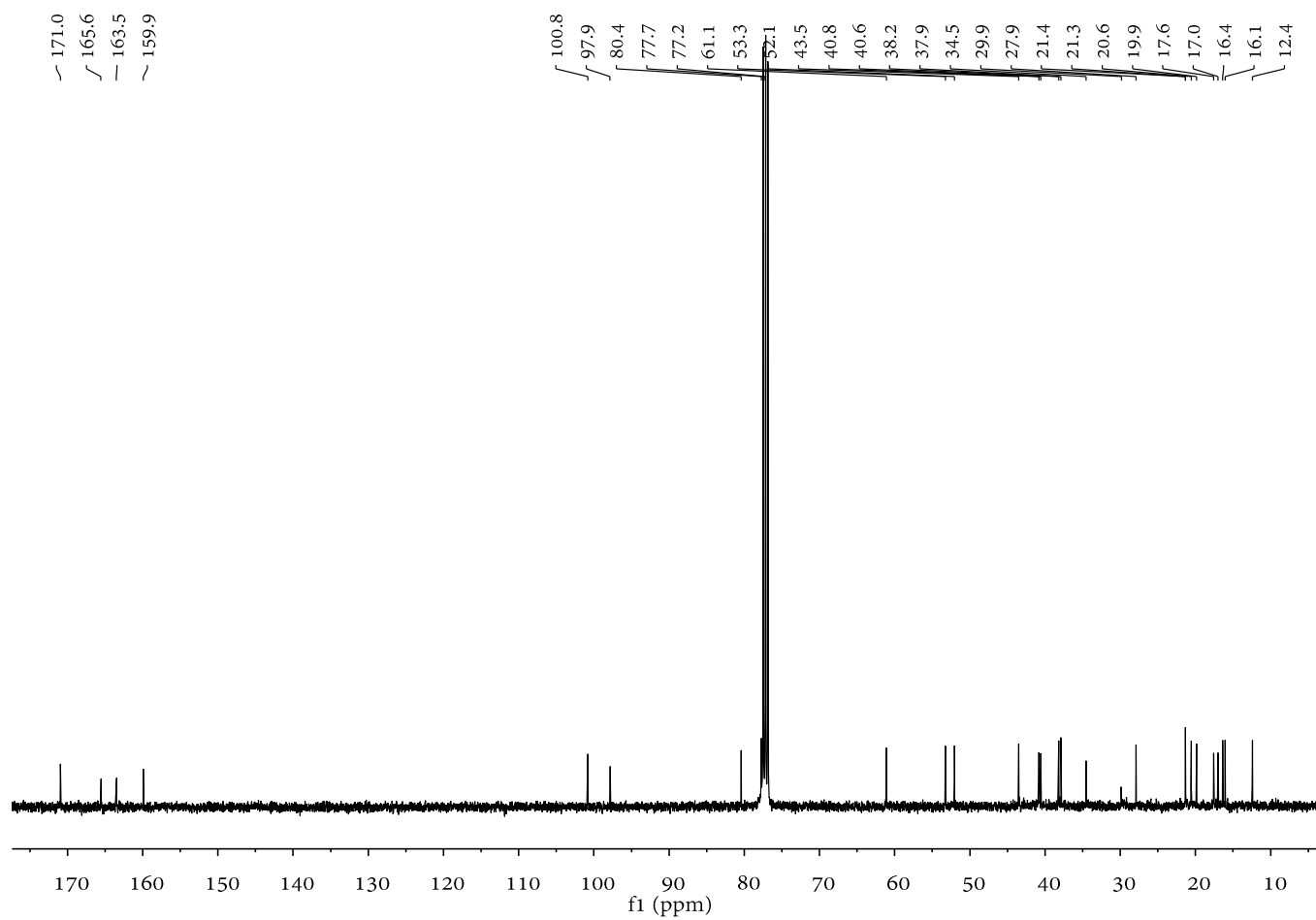


Figure S12. The ¹³C NMR spectrum of compound 2 in CDCl₃.

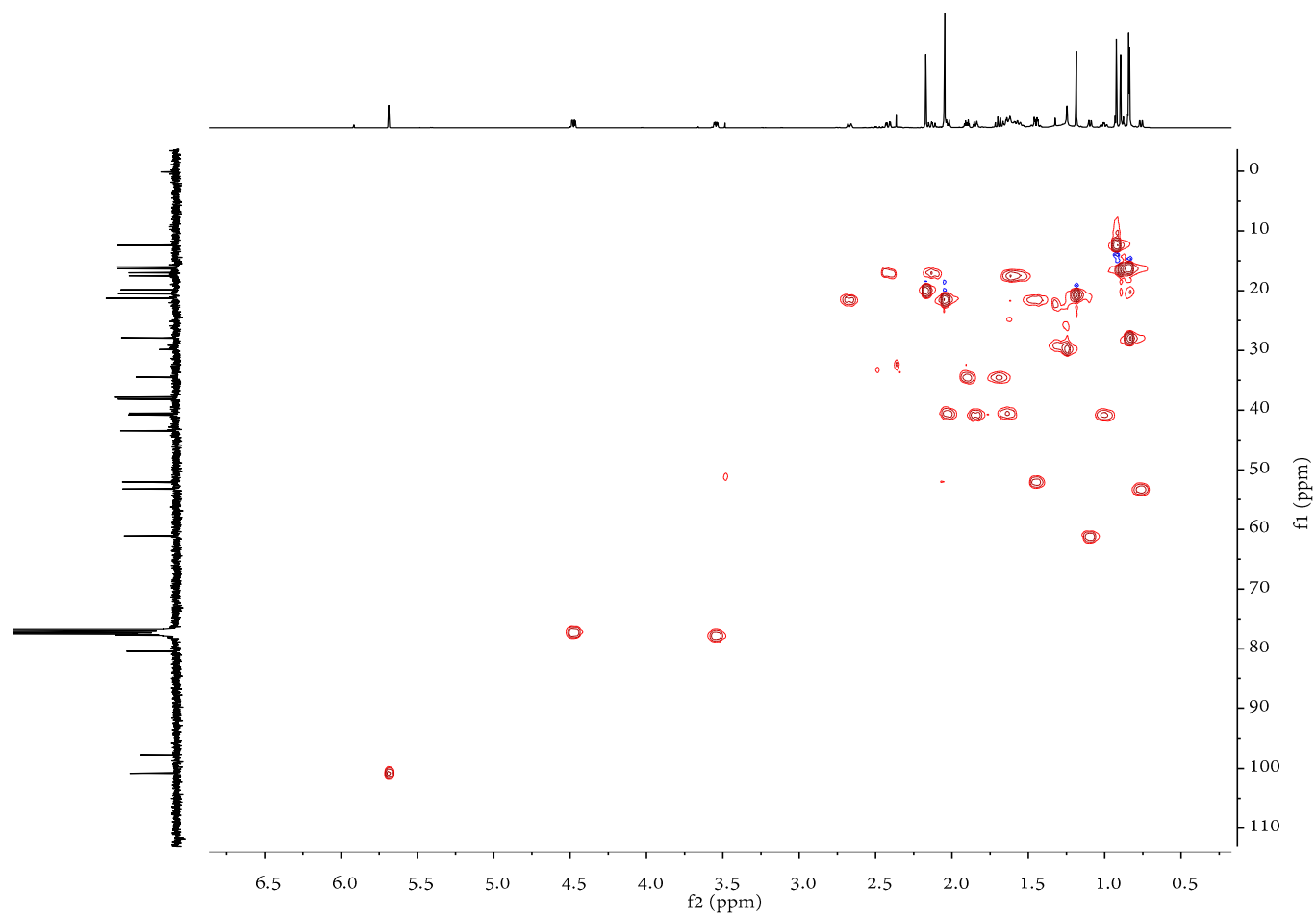


Figure S13. The HSQC spectrum of compound 2 in CDCl₃.

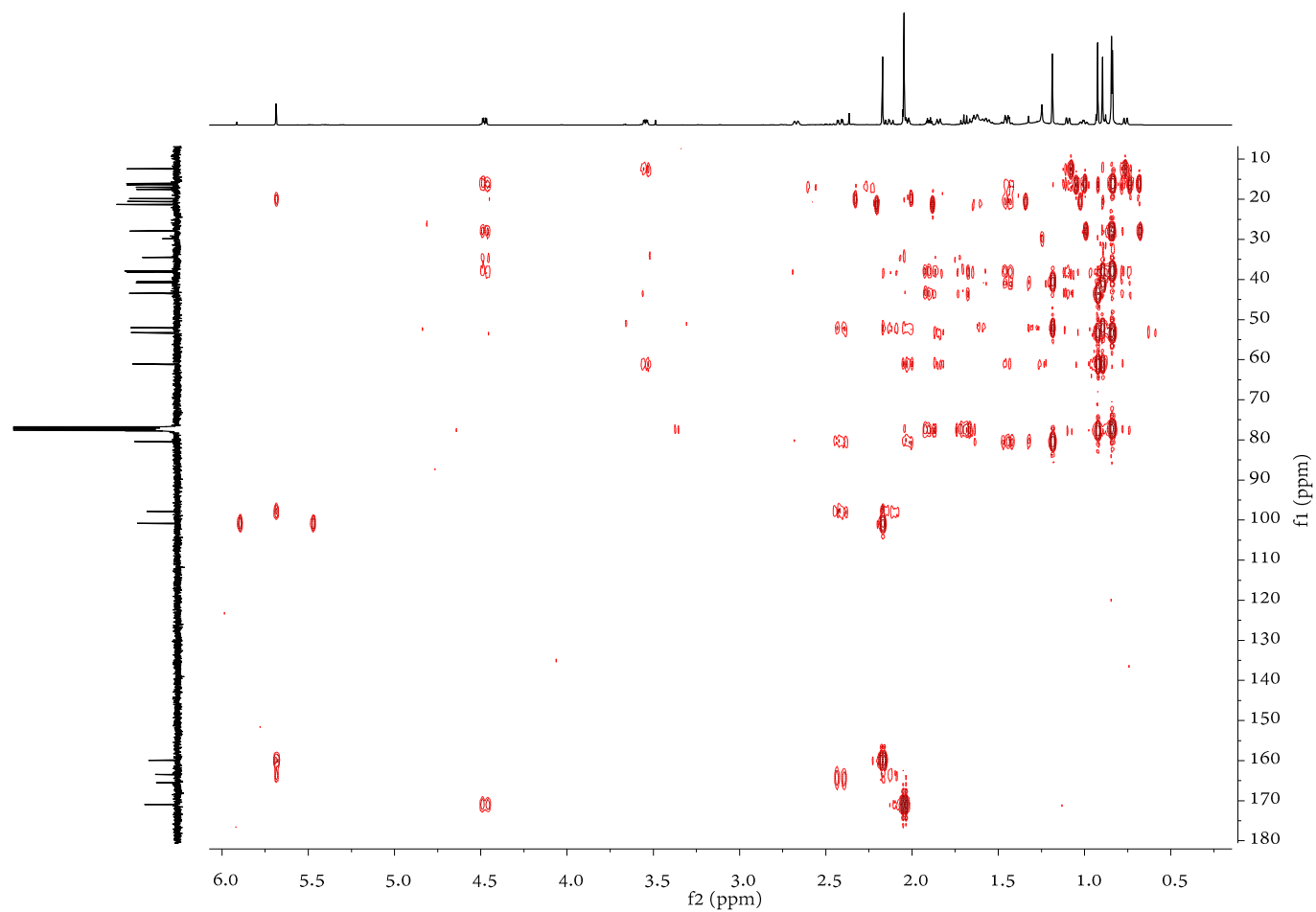


Figure S14. The HMBC spectrum of compound **2** in CDCl₃.

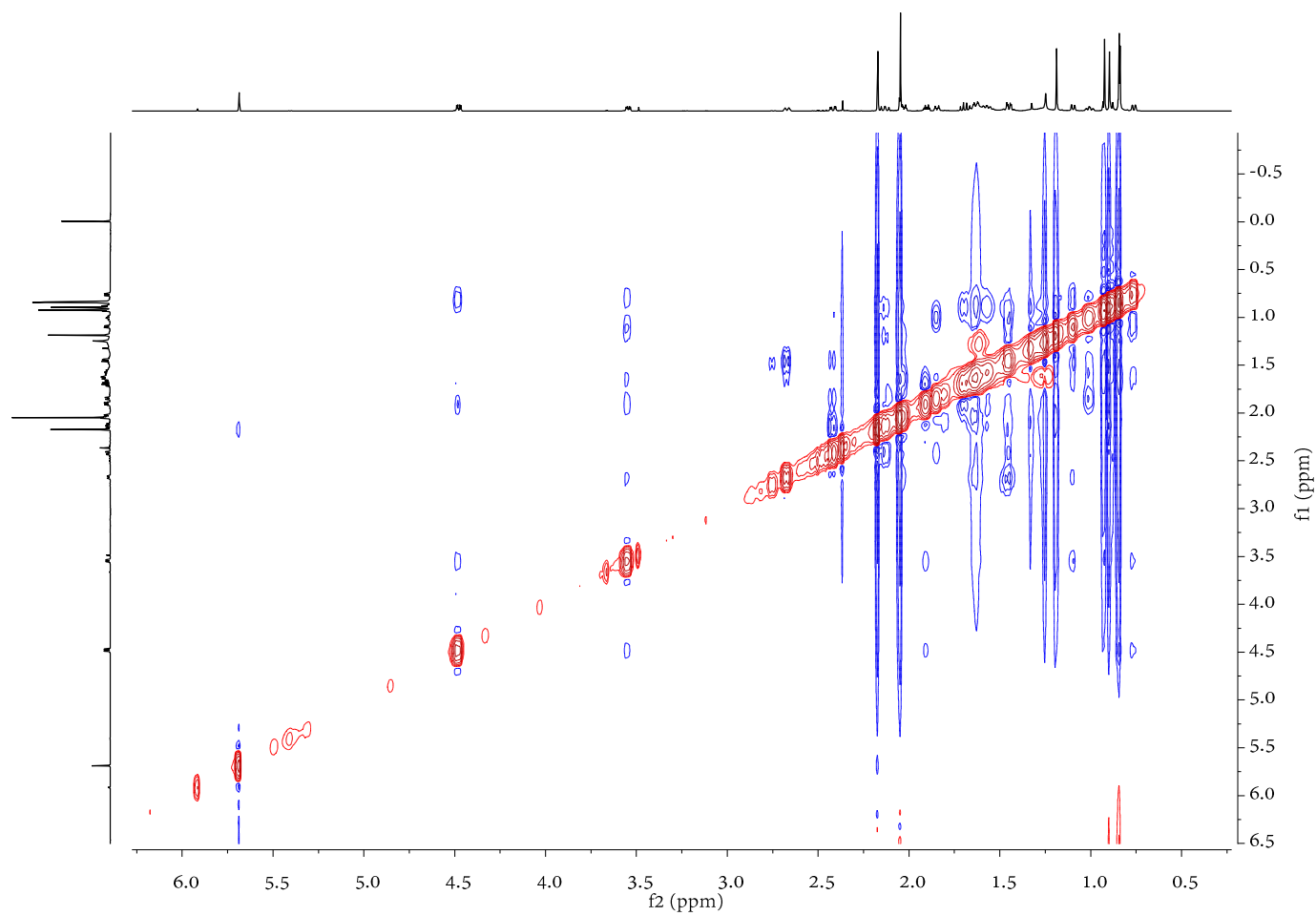


Figure S15. The NOESY spectrum of compound 2 in CDCl₃.

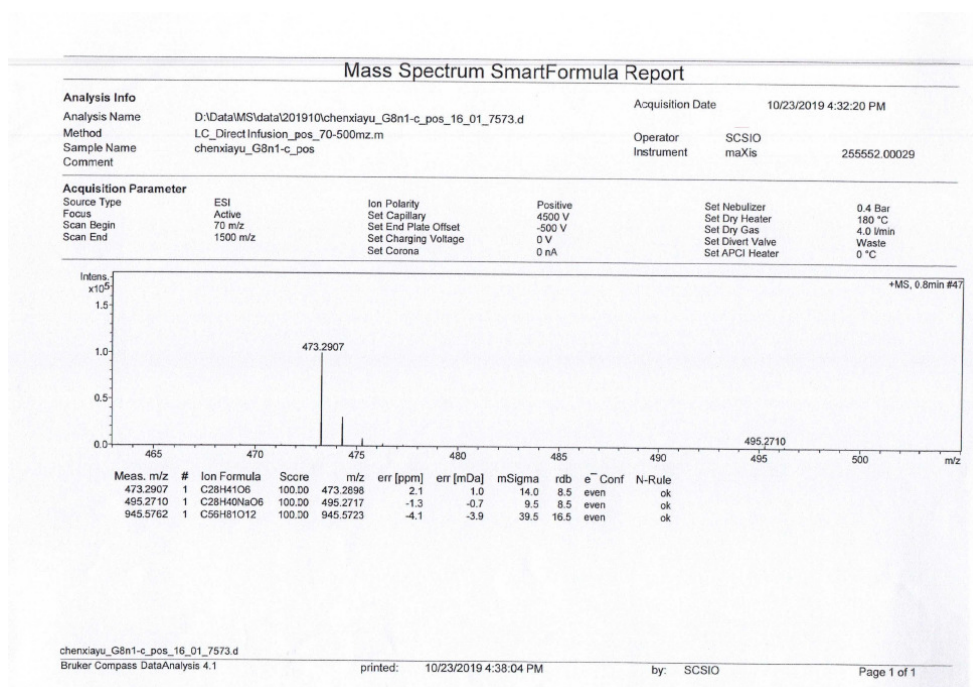


Figure S16. The HRESIMS spectrum of compound 2.

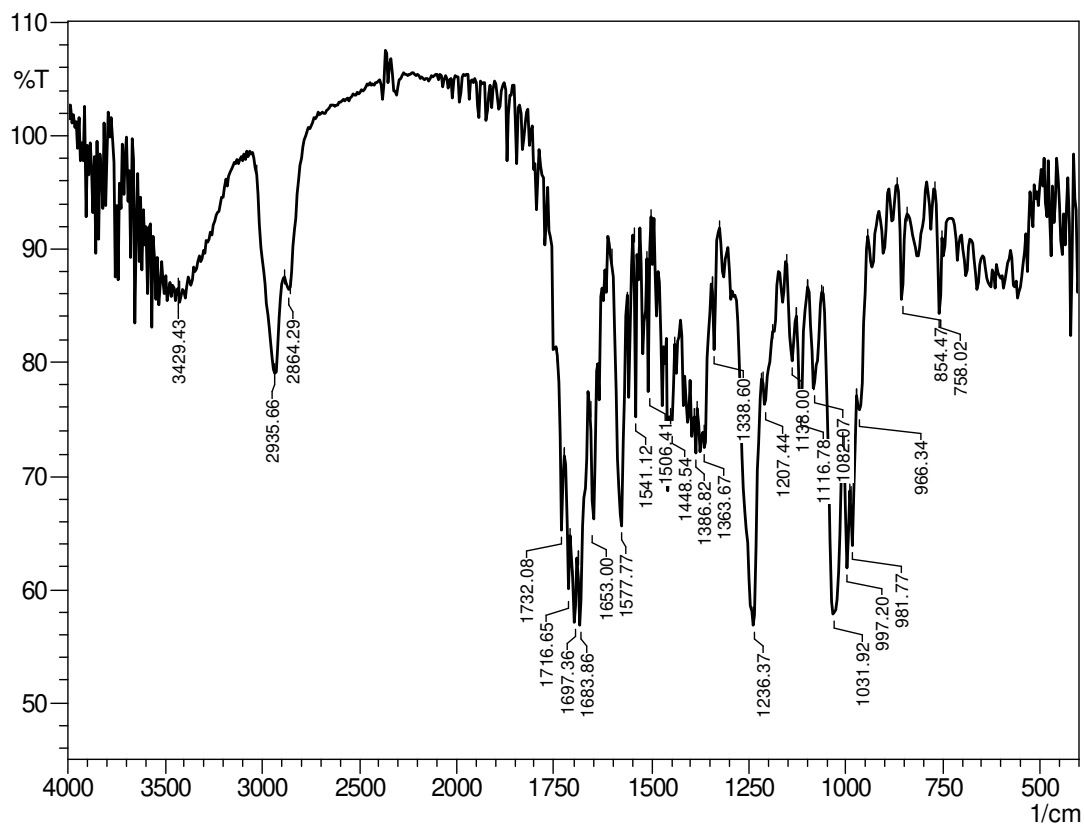


Figure S17. The IR spectrum of compound 2.

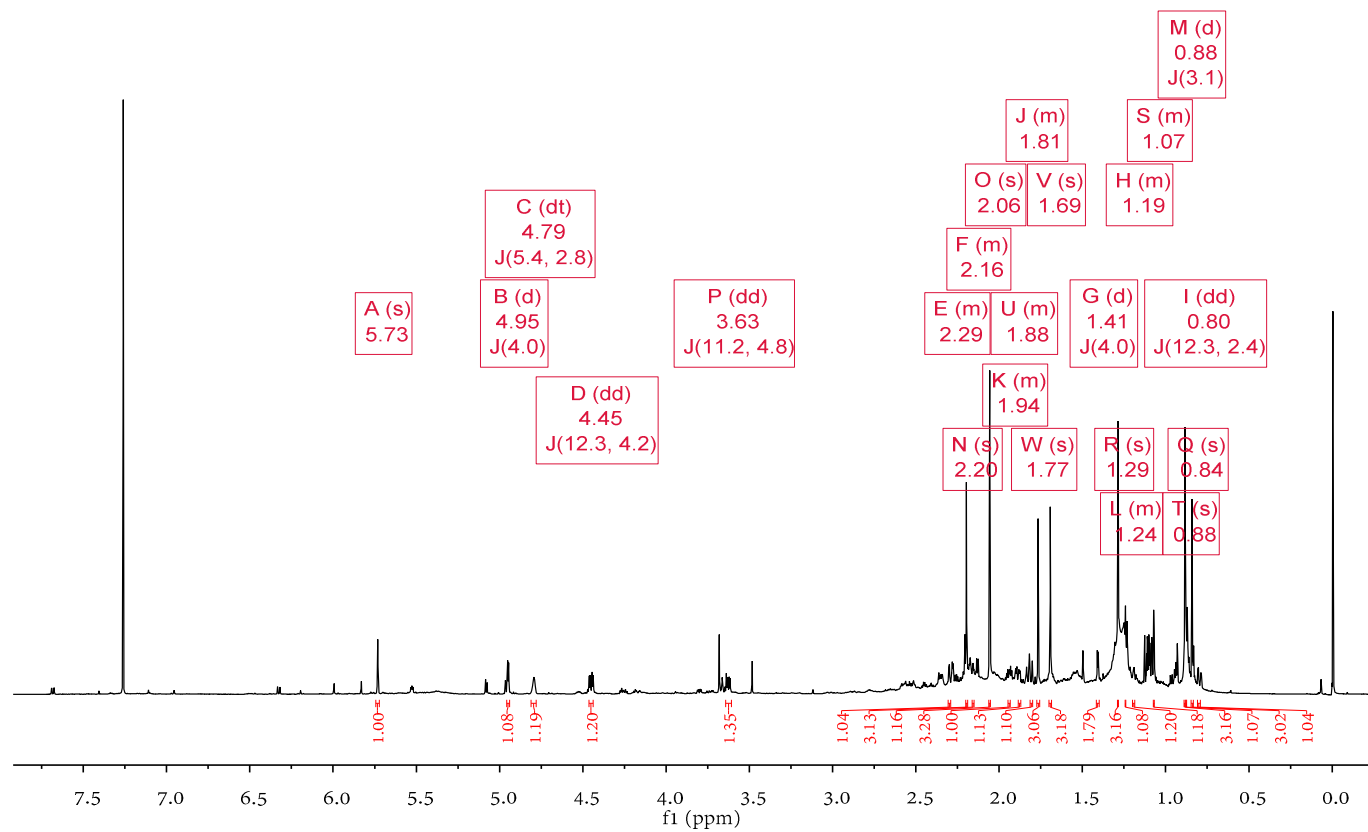


Figure S18. The ^1H spectrum of compound **3** in CDCl_3 .

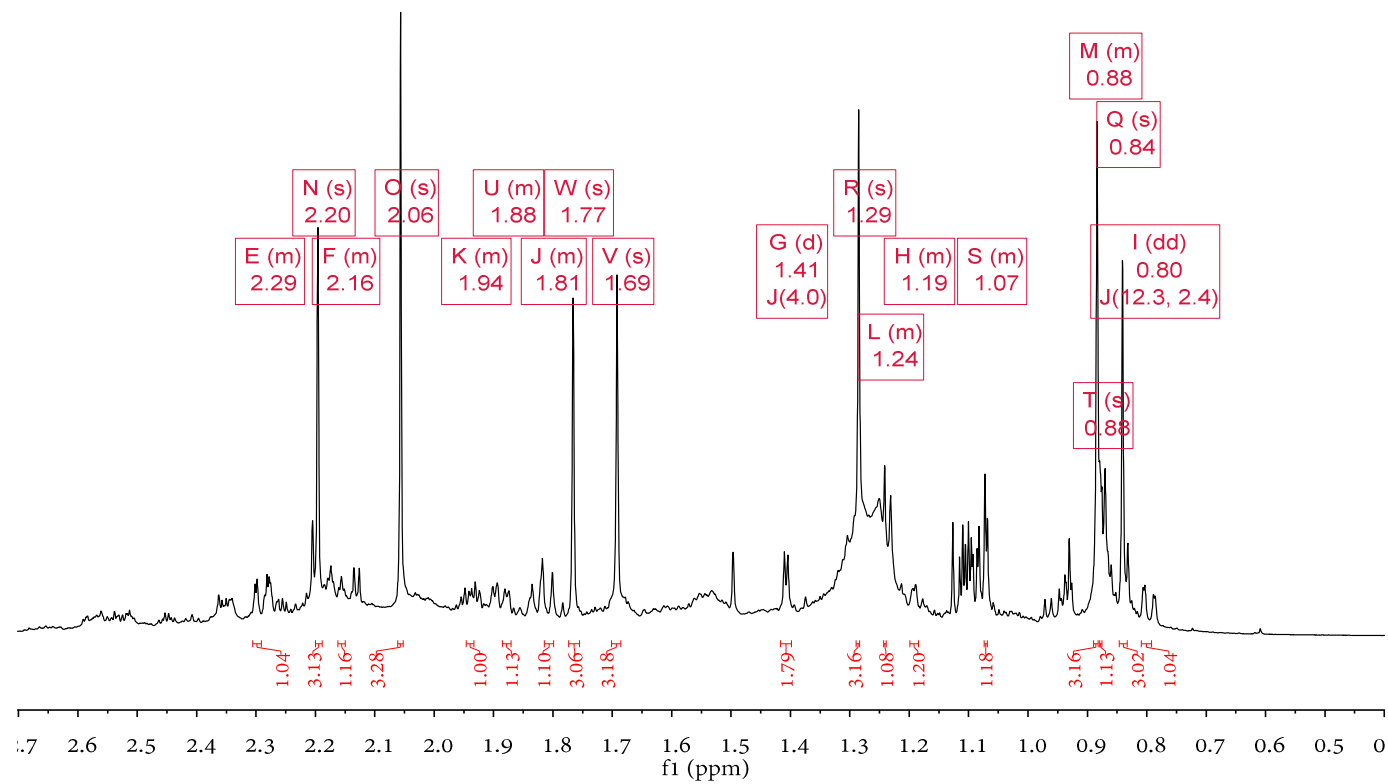


Figure S19. The ^1H spectrum (0-3 ppm) of compound 3 in CDCl_3 .

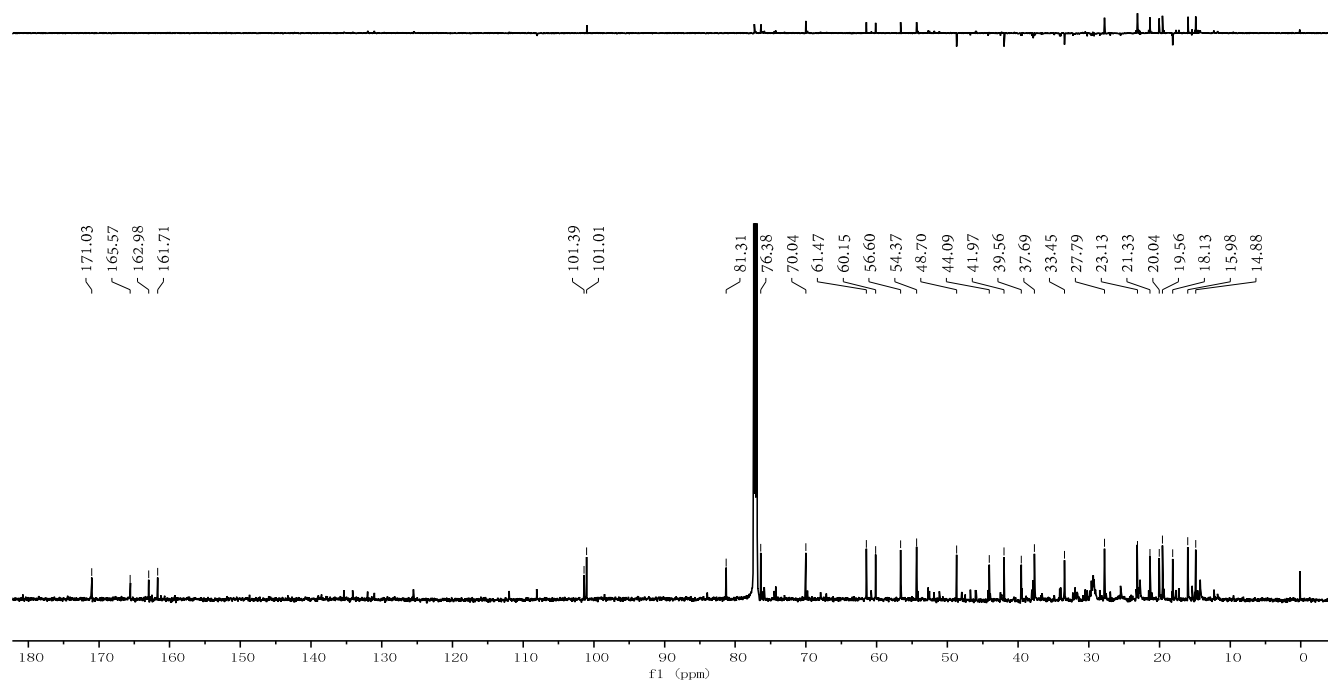


Figure S20. The ¹³C spectrum of compound 3 in CDCl₃.

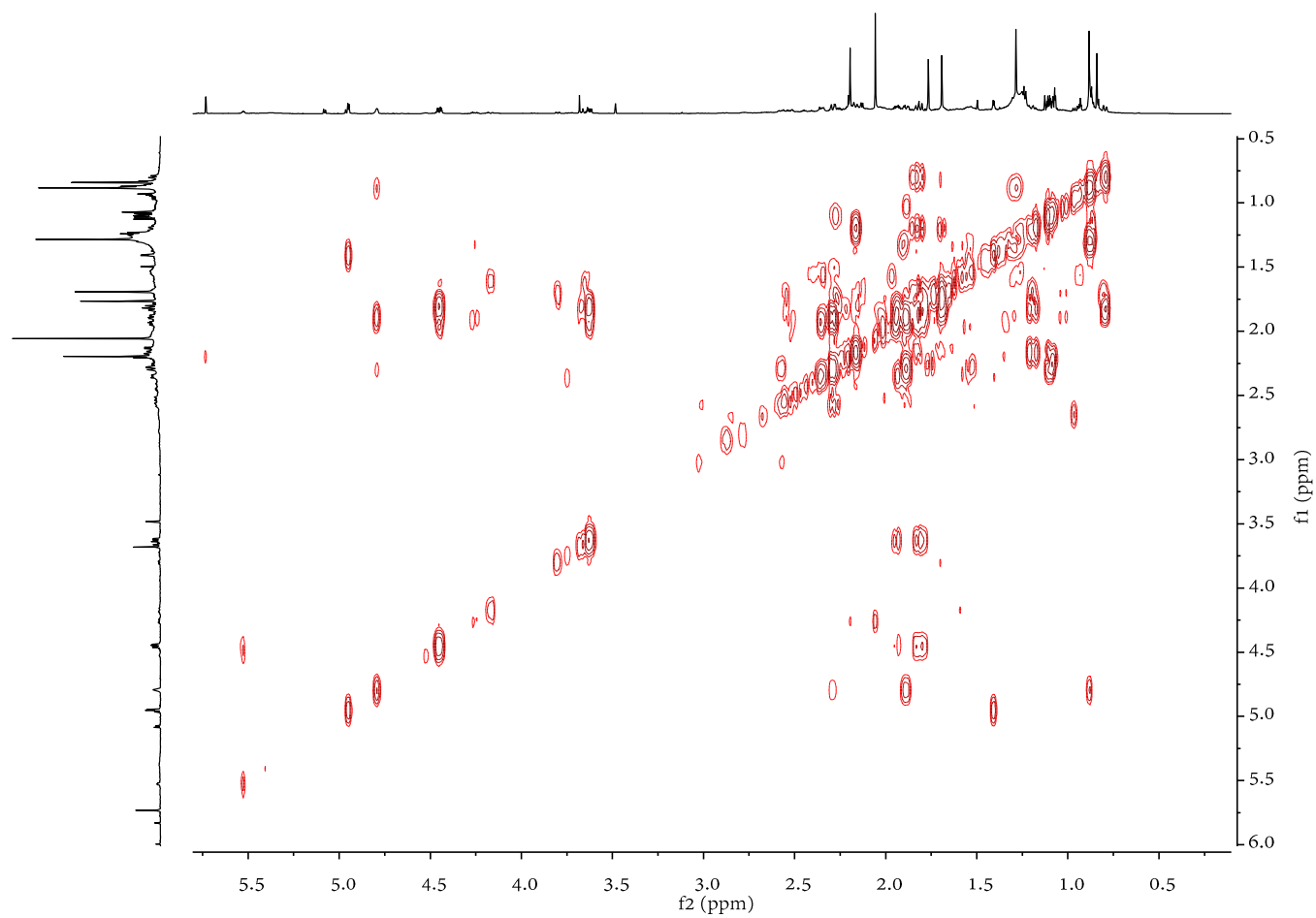


Figure S21. The ^1H - ^1H COSY spectrum of compound **3** in CDCl_3 .

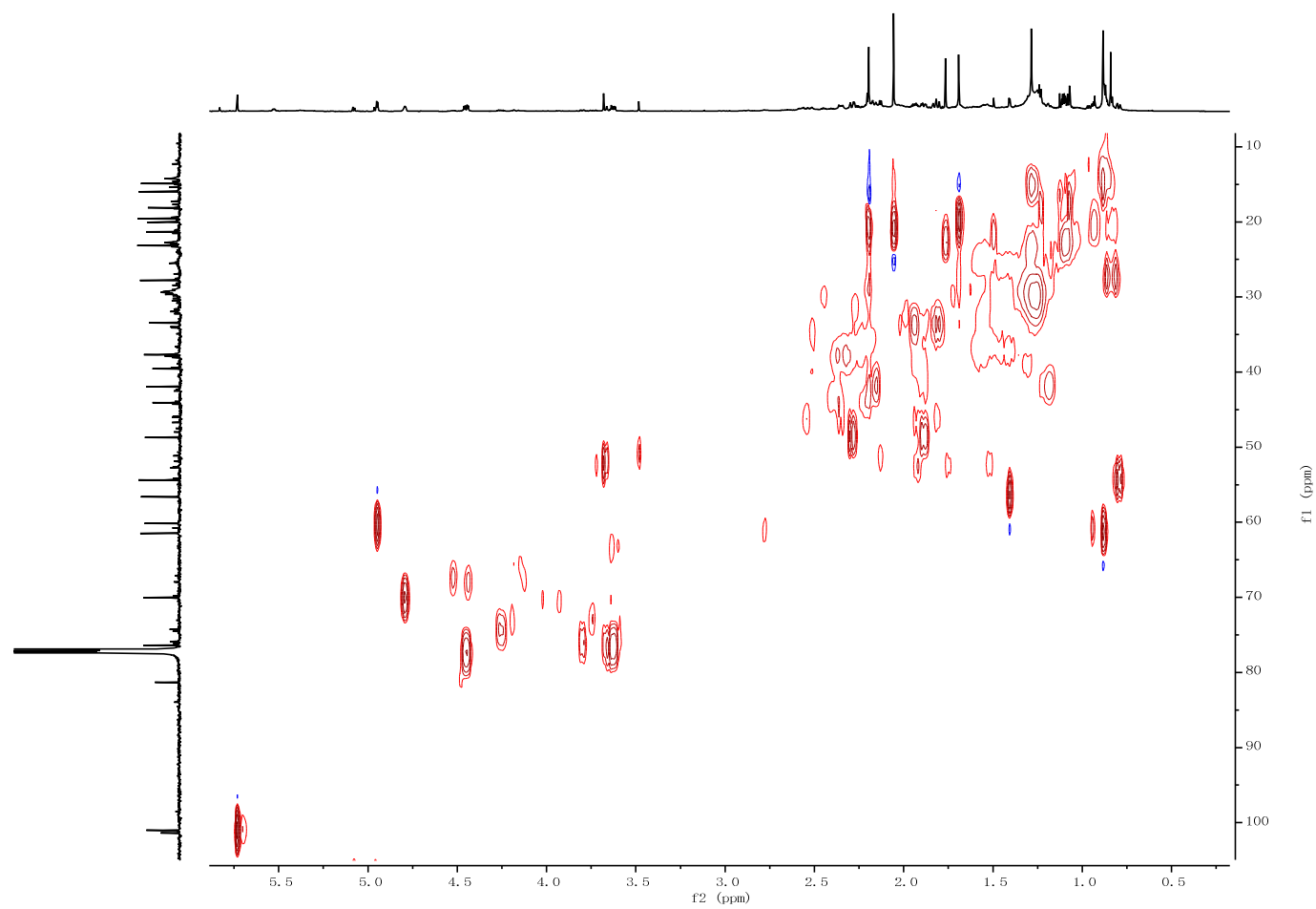


Figure S22. The HSQC spectrum of compound 3 in CDCl₃.

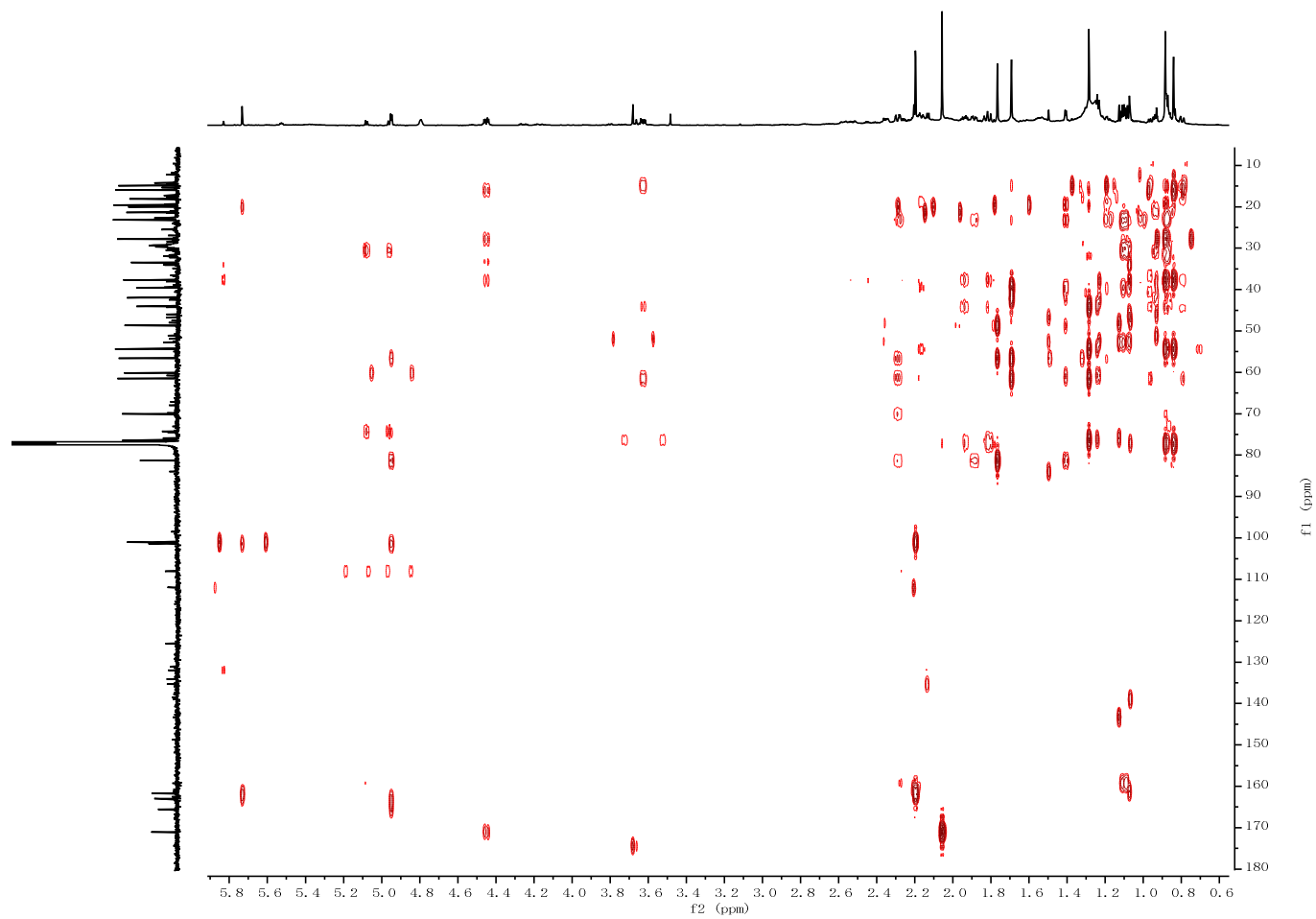


Figure S23. The HMBC spectrum of compound 3 in CDCl₃.

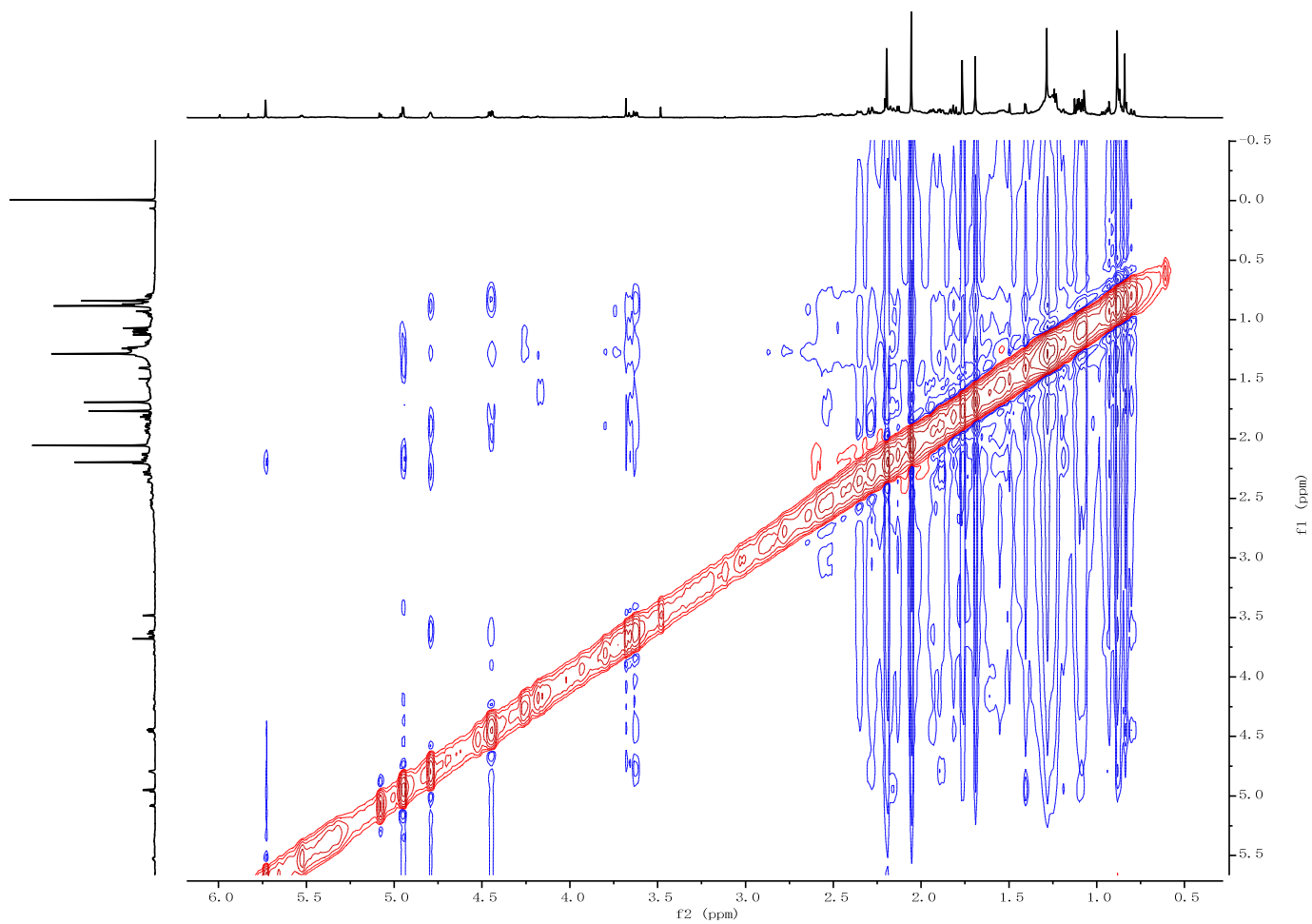


Figure S24. The NOESY spectrum of compound 3 in CDCl₃.

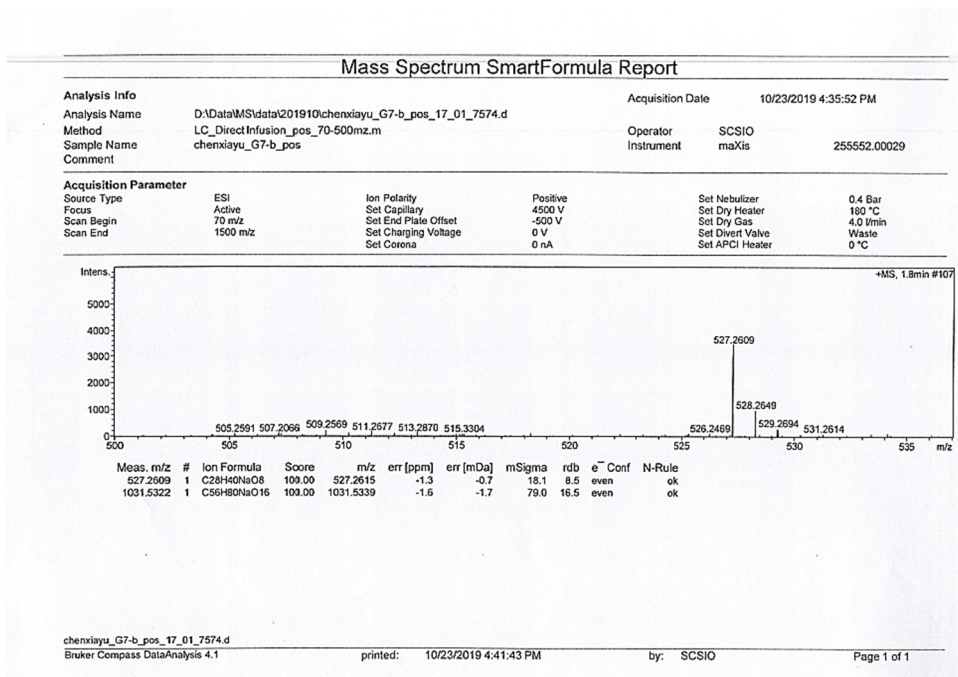


Figure S25. The HRESIMS spectra of compound 3.

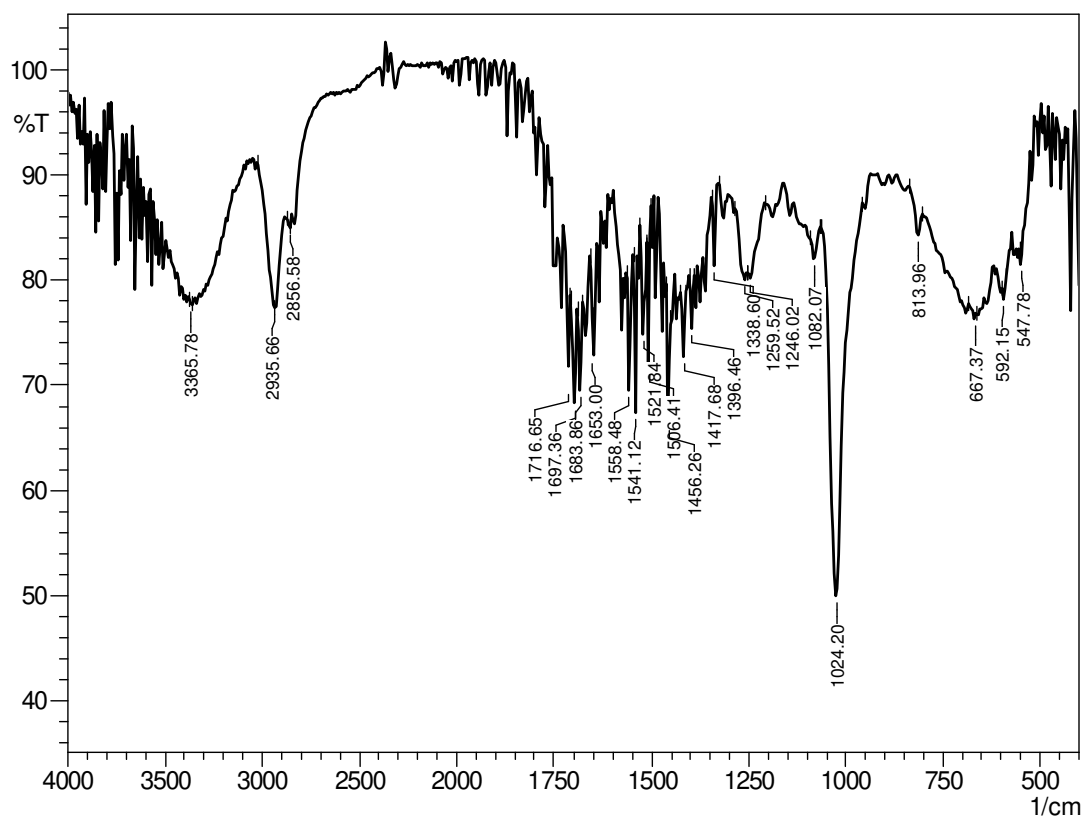


Figure S26. The IR spectrum of compound 3.

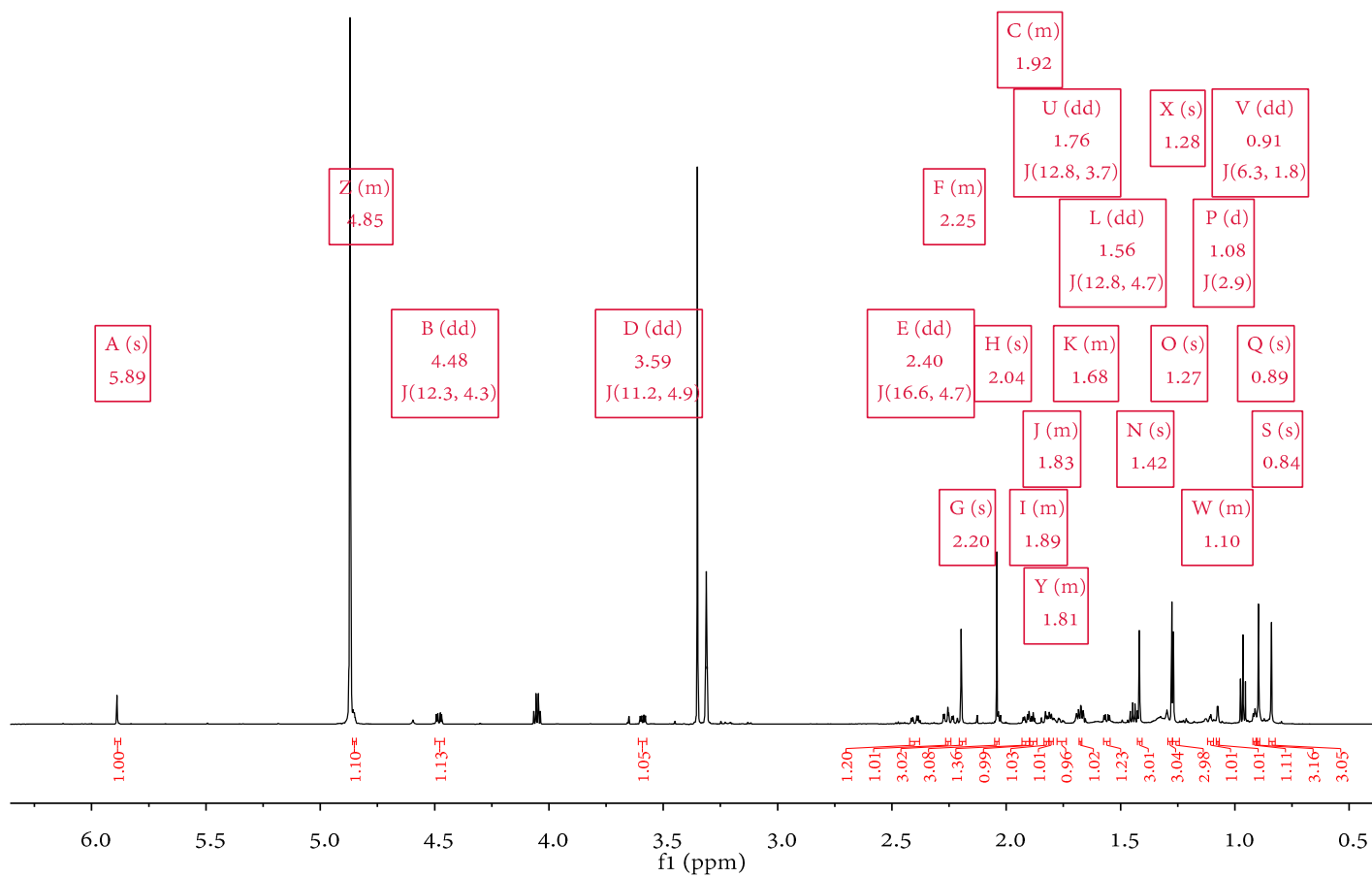


Figure S27. The ^1H NMR spectrum of compound **4** in CD_3OD .

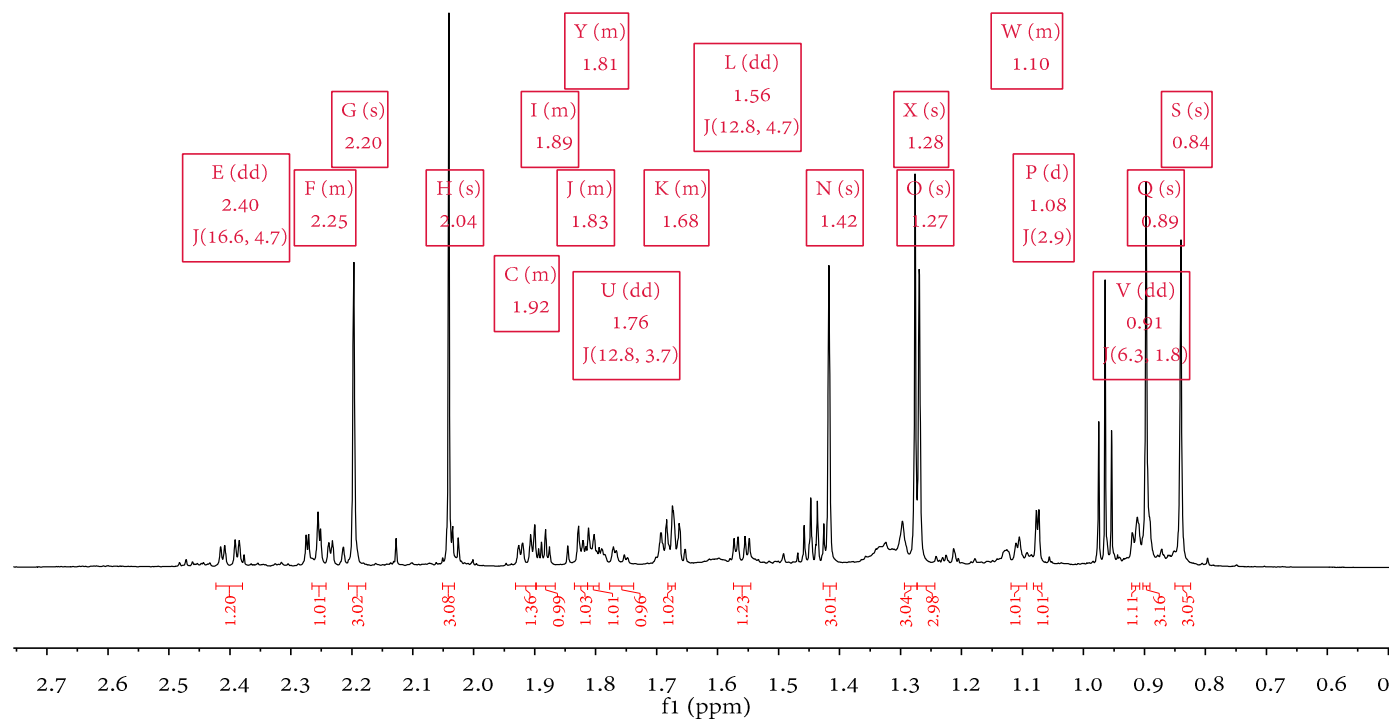


Figure S28. The ^1H NMR spectrum (0-3 ppm) of compound 4 in CD_3OD .

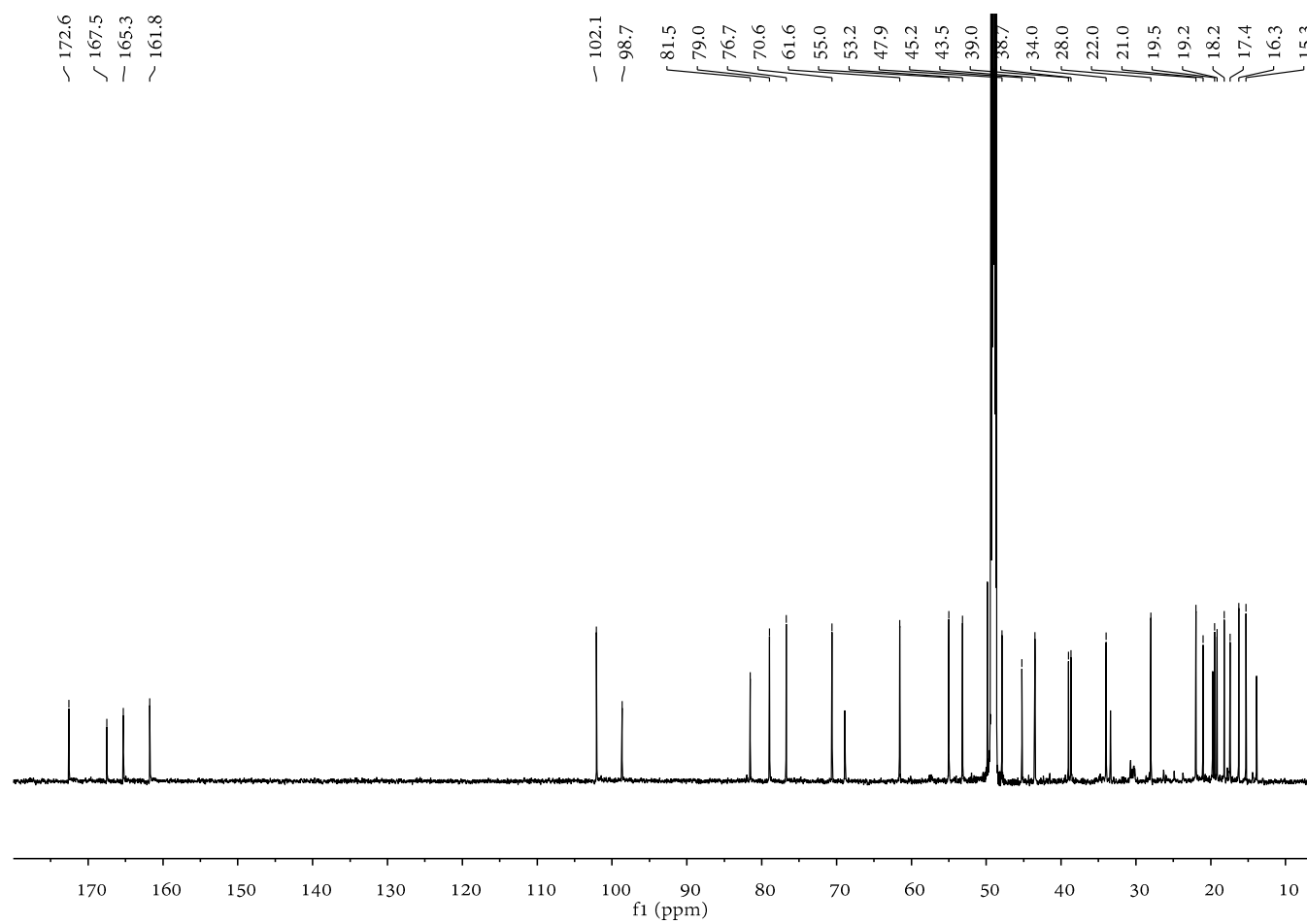


Figure S29. The ¹³C NMR spectrum of compound 4 in CD₃OD.

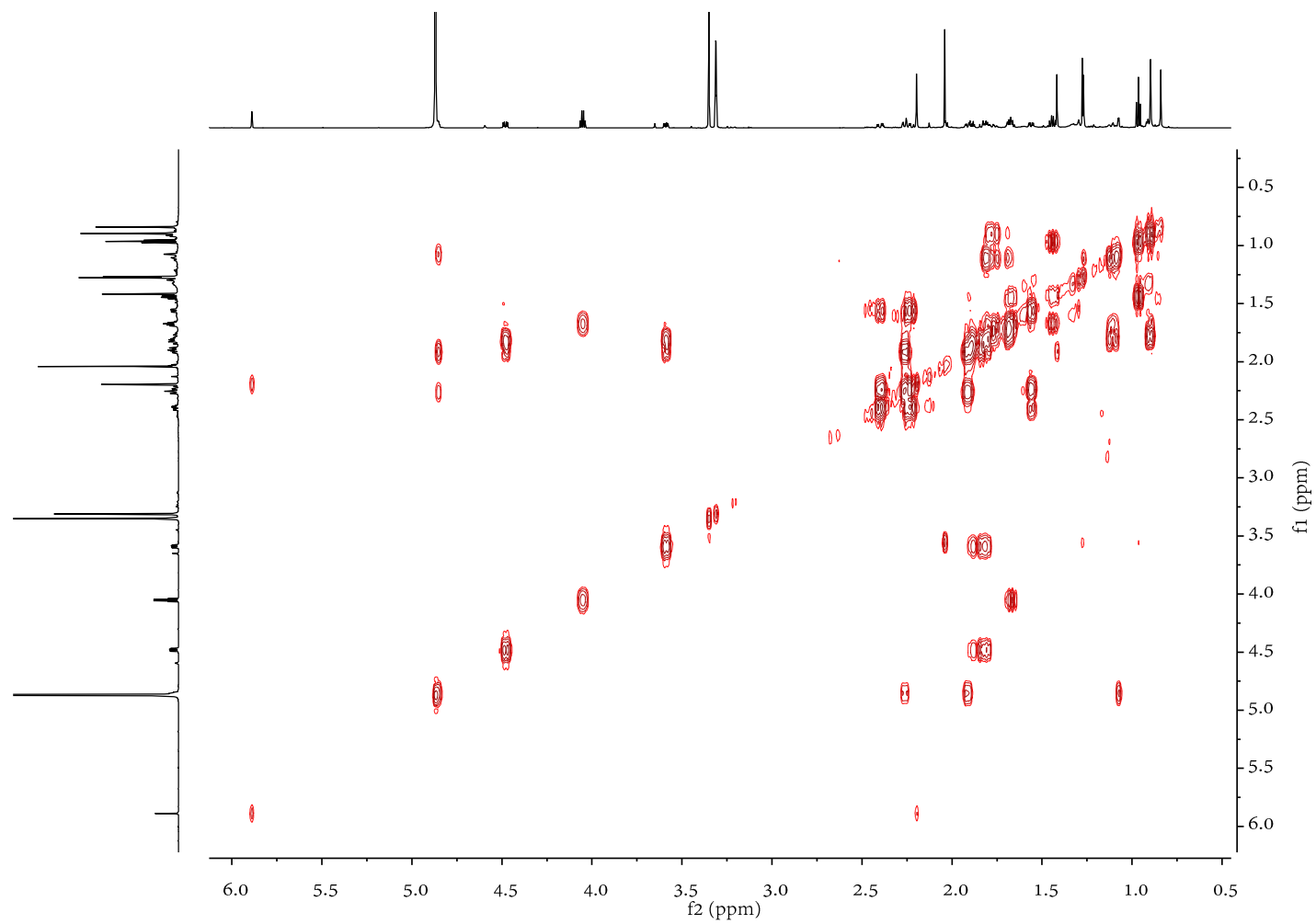


Figure S30. The ^1H - ^1H COSY spectrum of compound 4 in CD_3OD .

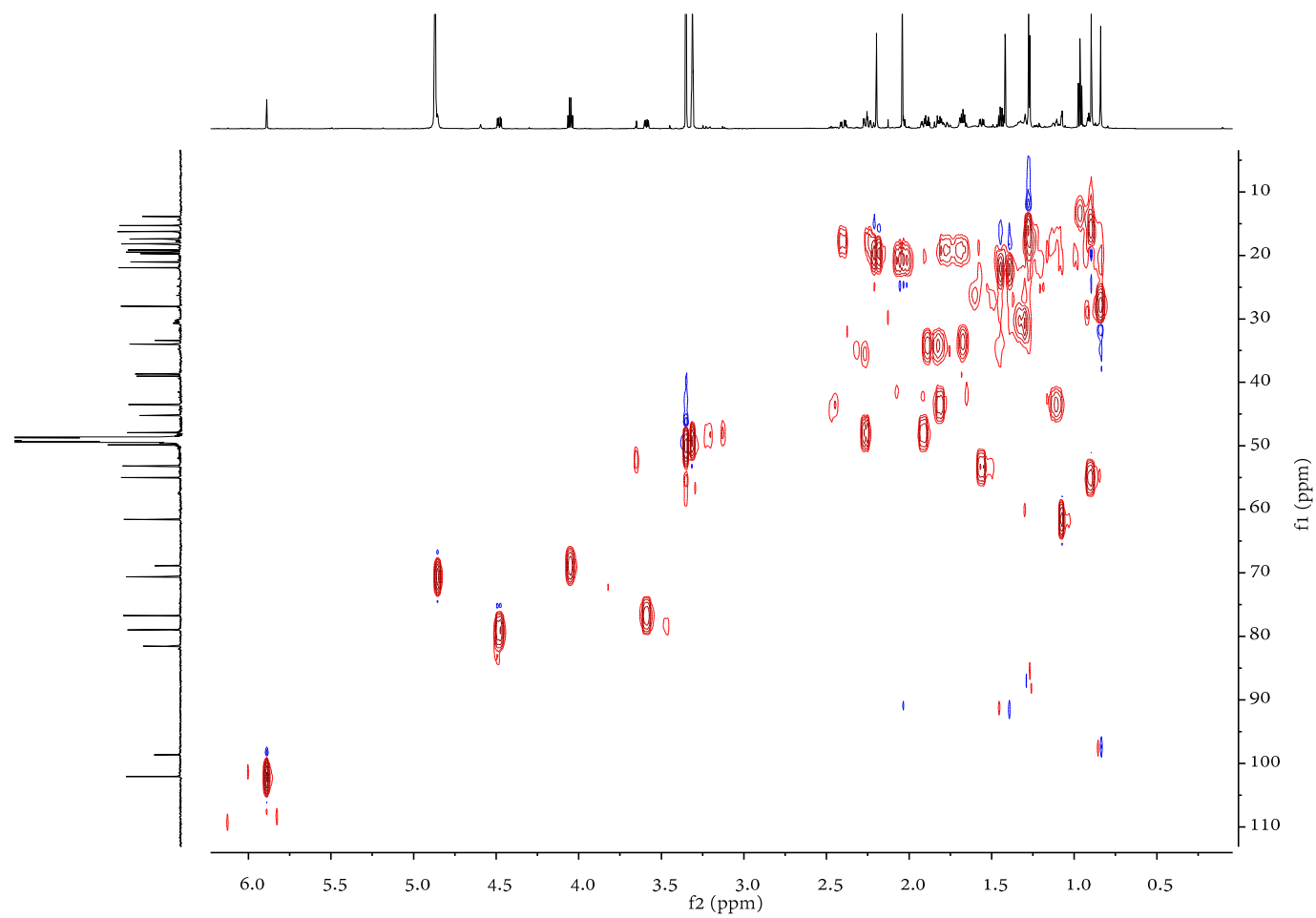


Figure S31. The HSQC spectrum of compound **4** in CD₃OD.

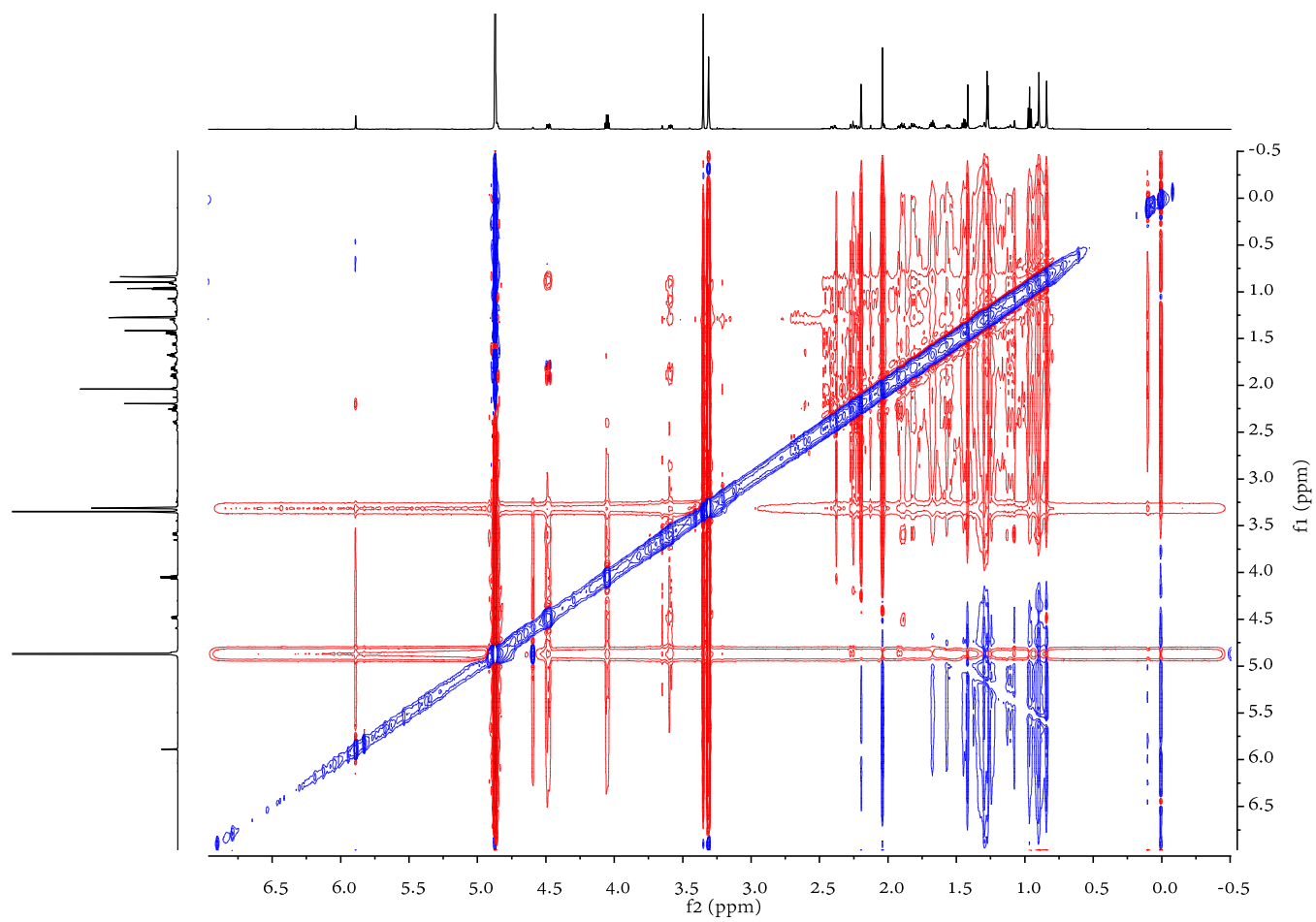


Figure S33. The NOESY spectrum of compound **4** in CD₃OD.

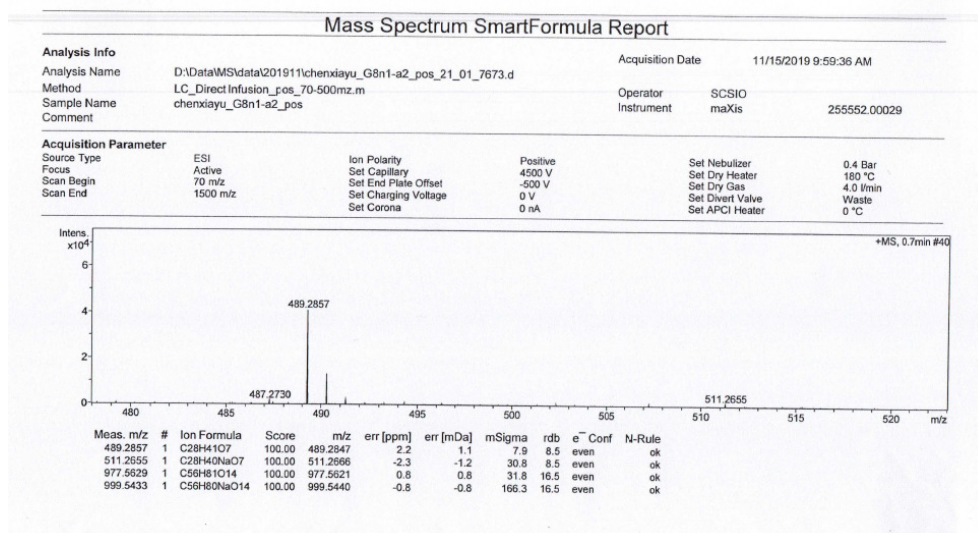


Figure S34. The HRESIMS spectrum of compound 4.

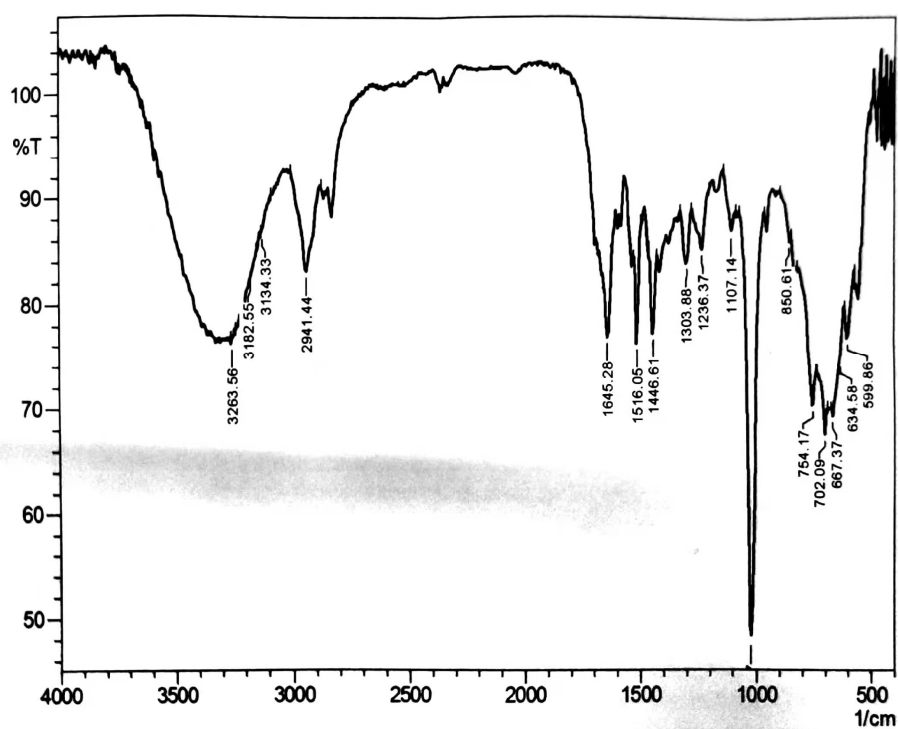


Figure S35. The IR spectrum of compound 4.

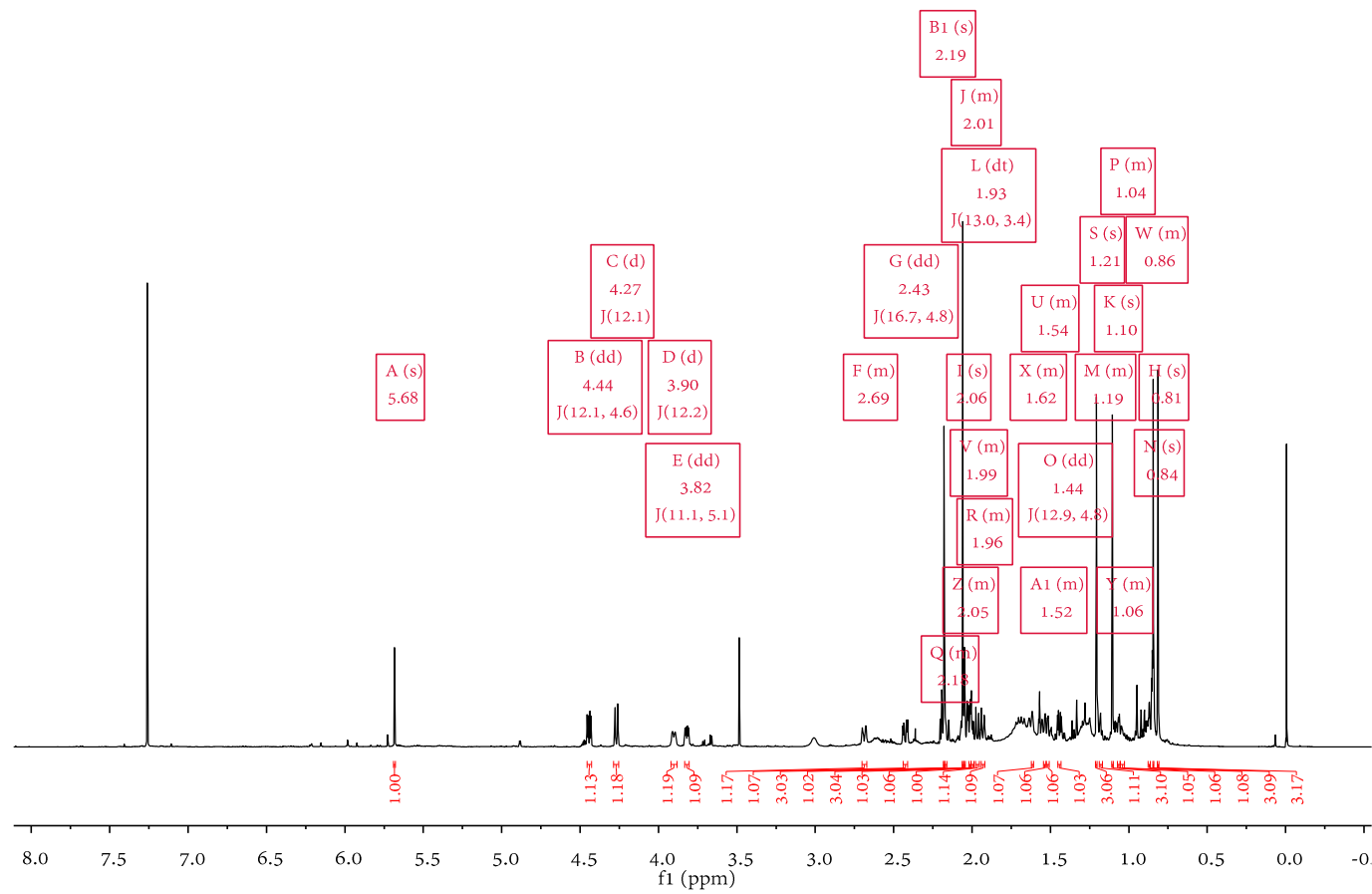


Figure S36. The ^1H NMR spectrum of compound **5** in CDCl_3 .

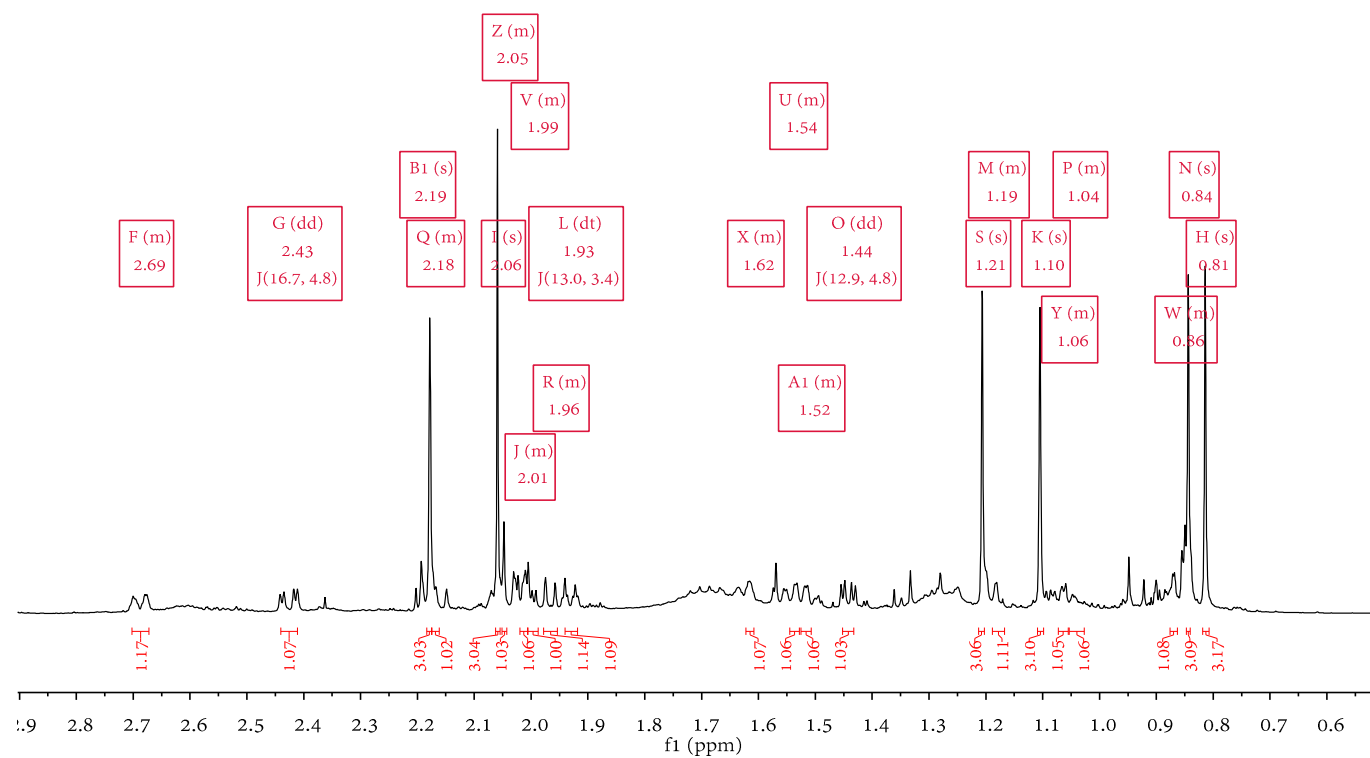


Figure S37. The ^1H NMR spectrum (0-3 ppm) of compound 5 in CDCl_3 .

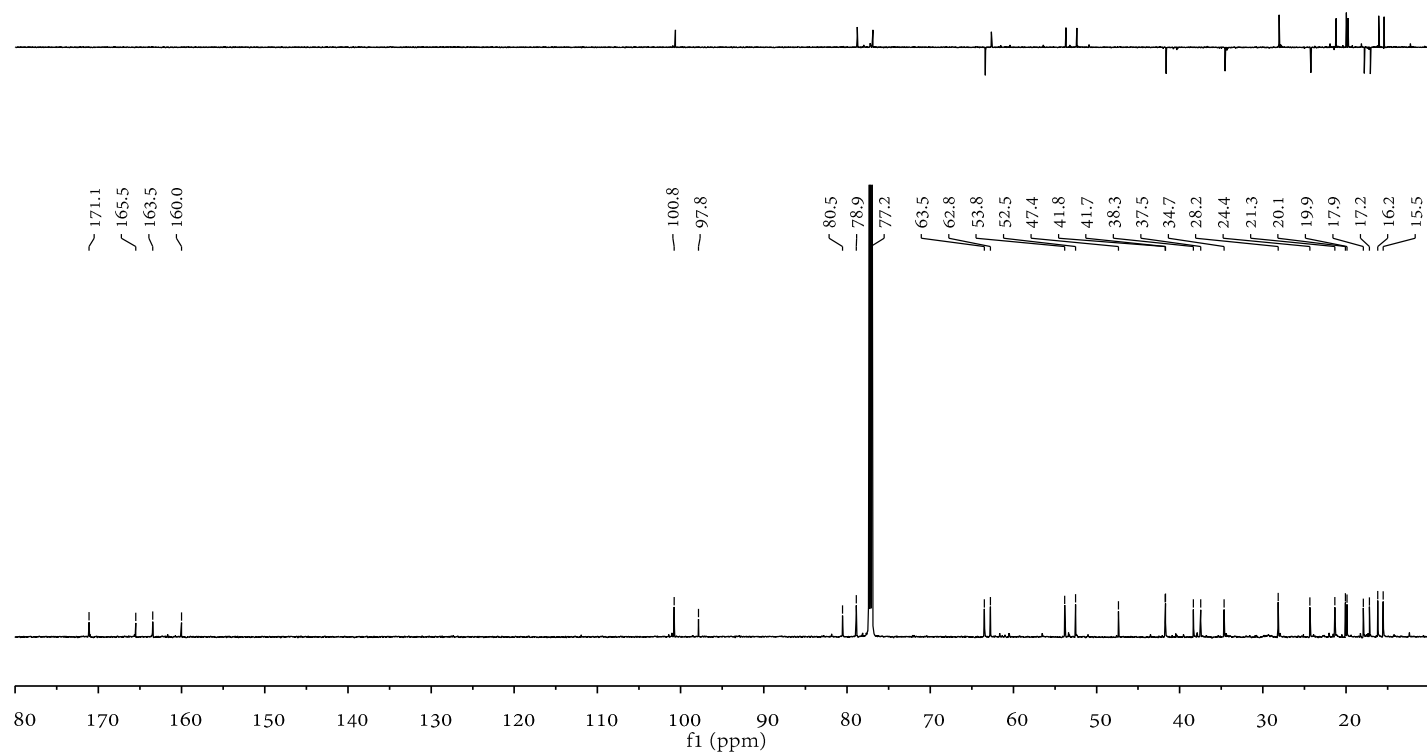


Figure S38. The ¹³C NMR spectrum of compound 5 in CDCl₃.



Figure S39. The ^1H - ^1H COSY spectrum of compound **5** in CDCl_3 .

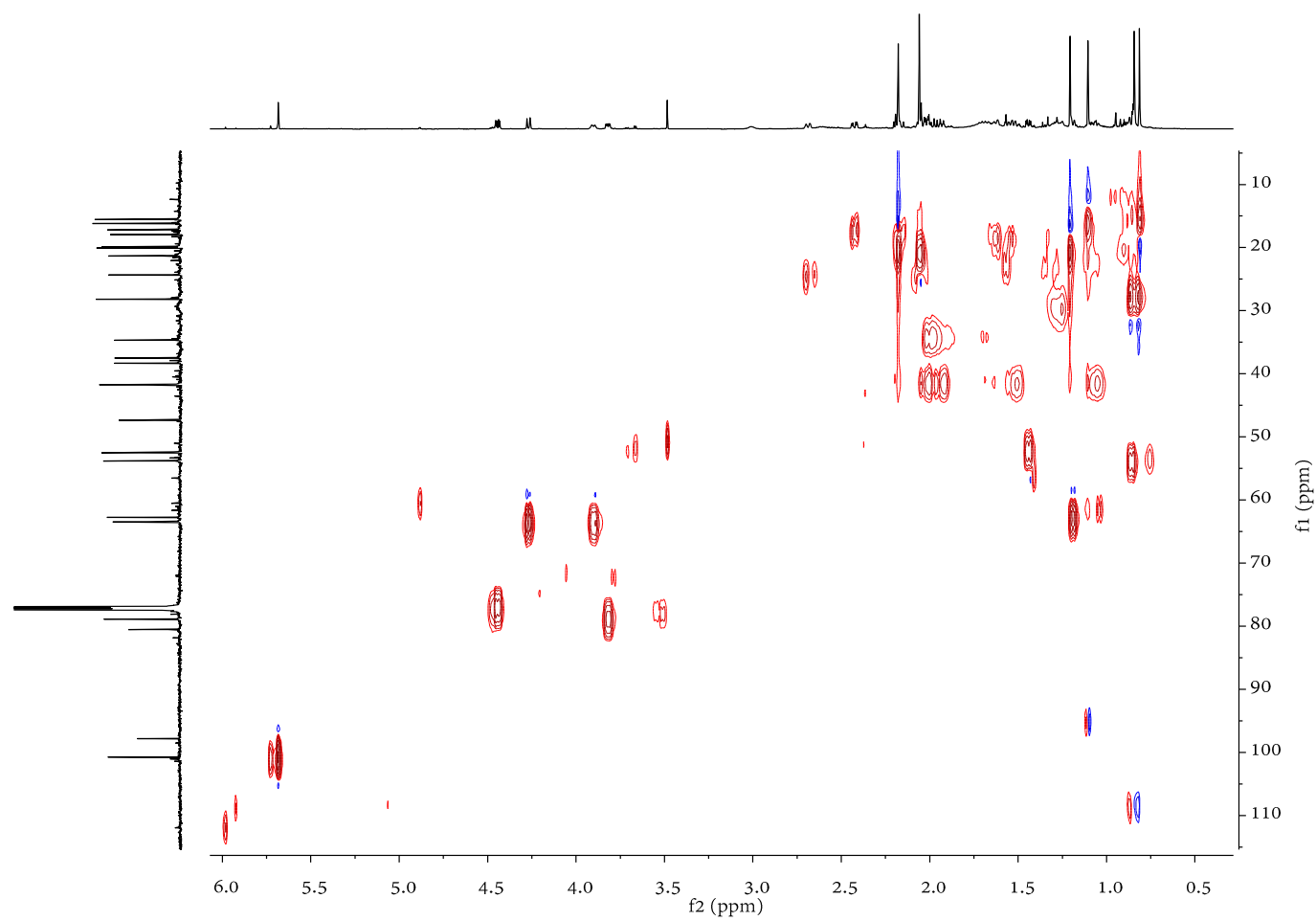


Figure S40. The HSQC spectrum of compound **5** in CDCl₃.

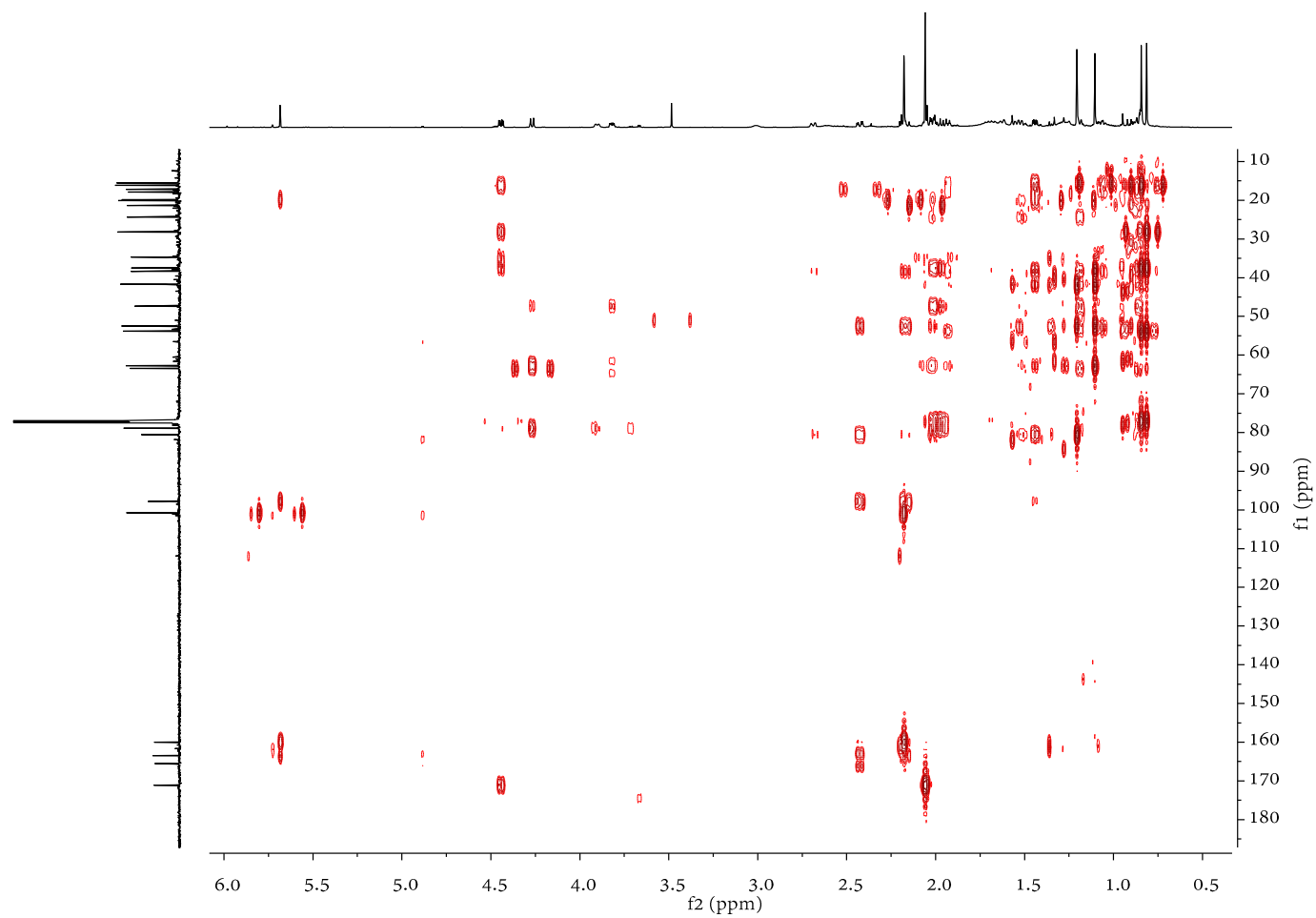


Figure S41. The HMBC spectrum of compound **5** in CDCl₃.

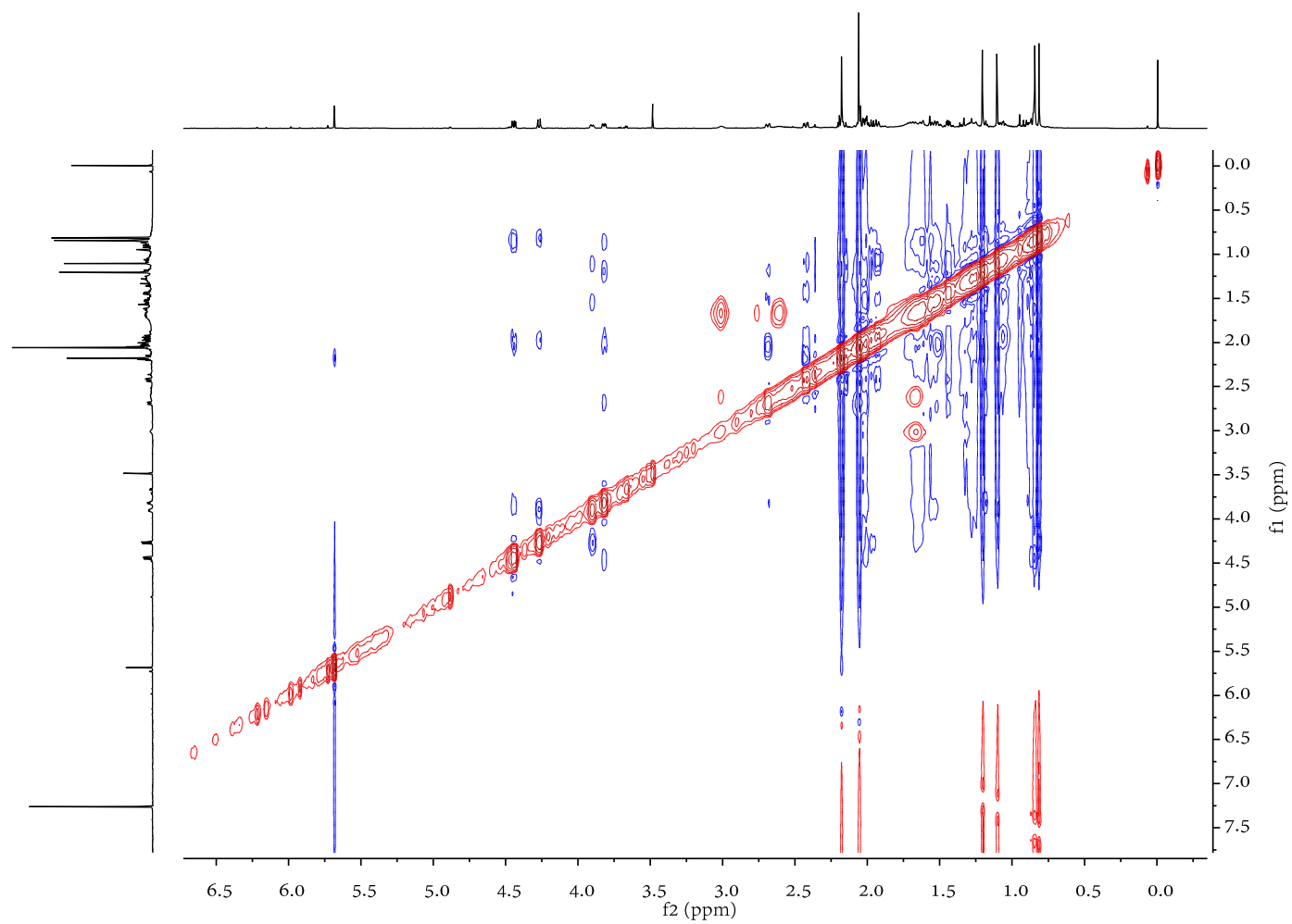


Figure S42. The NOESY spectrum of compound 5 in CDCl₃.

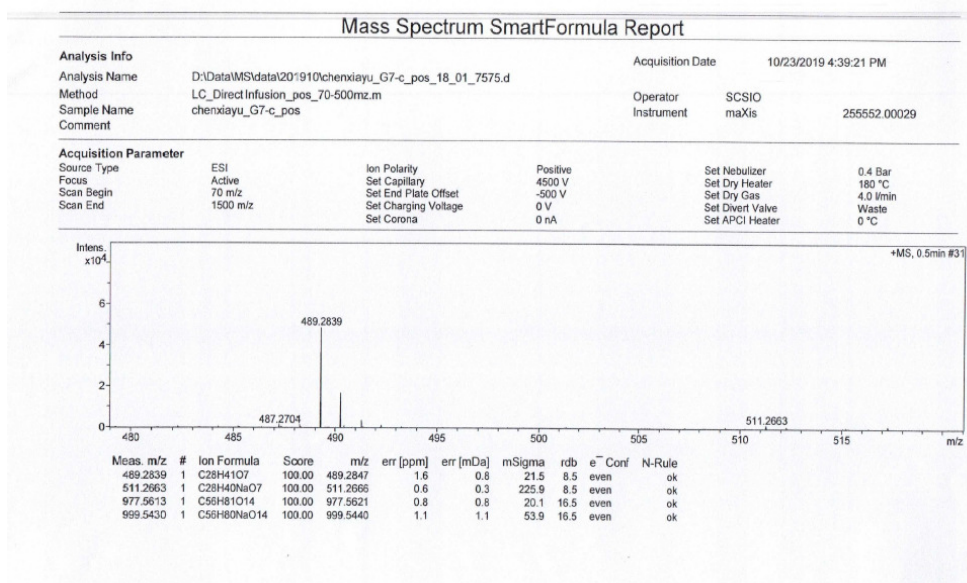


Figure S43. The HRESIMS spectrum of compound 5.

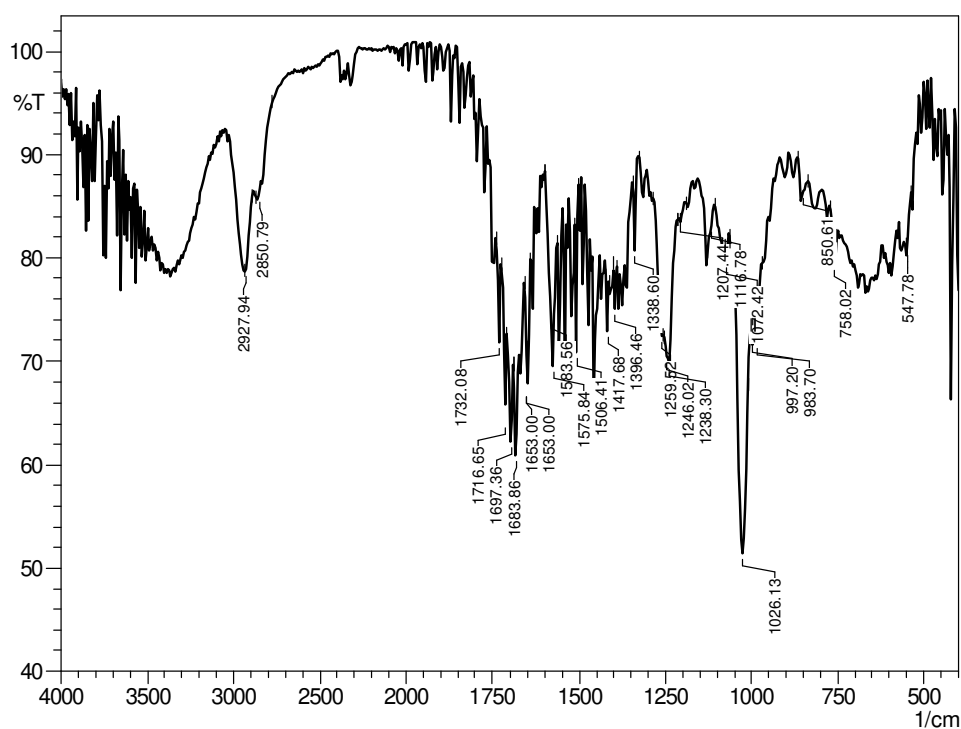


Figure S44. The IR spectrum of compound 5.

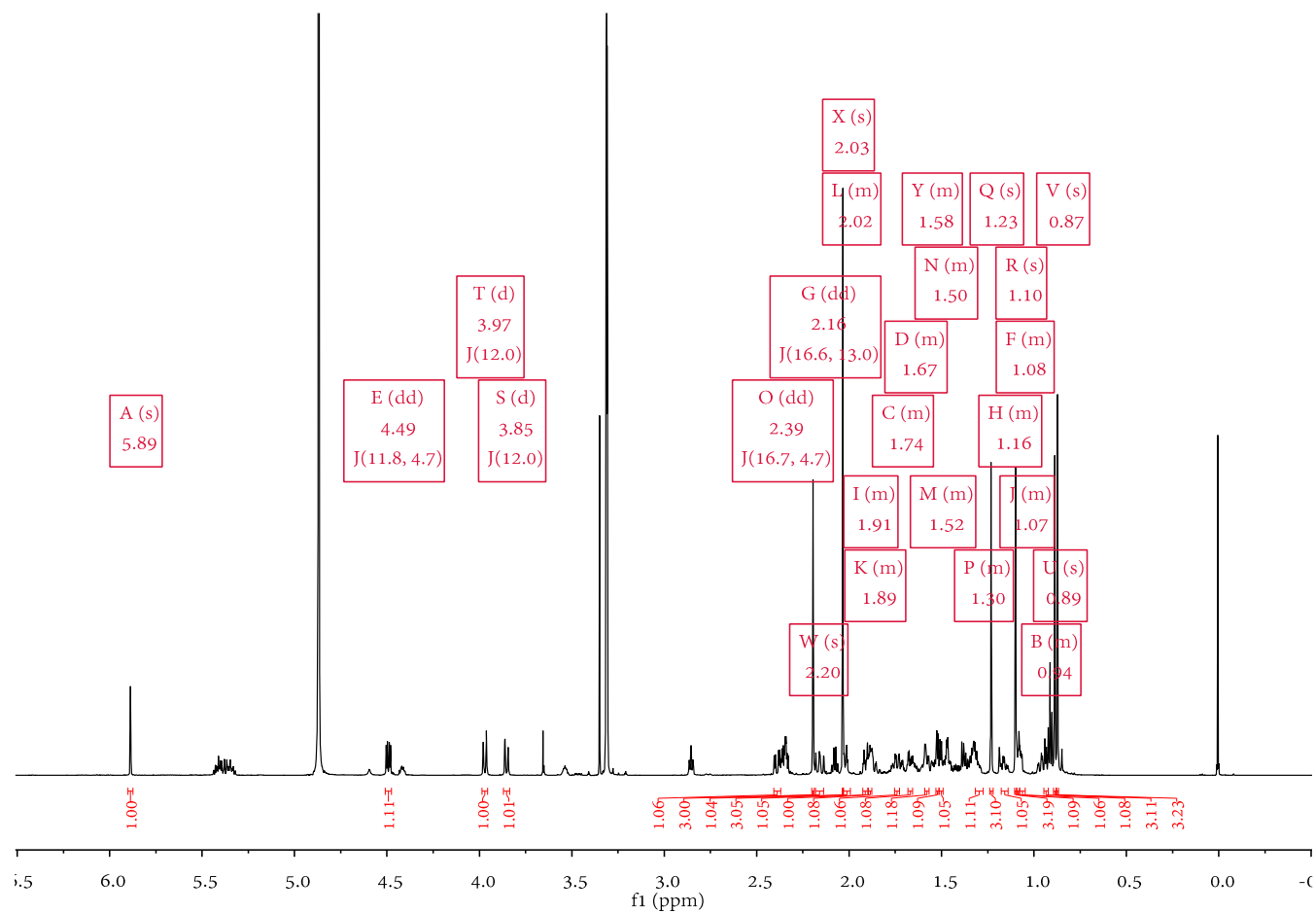


Figure S45. The ^1H NMR spectrum of compound 6 in CD_3OD .

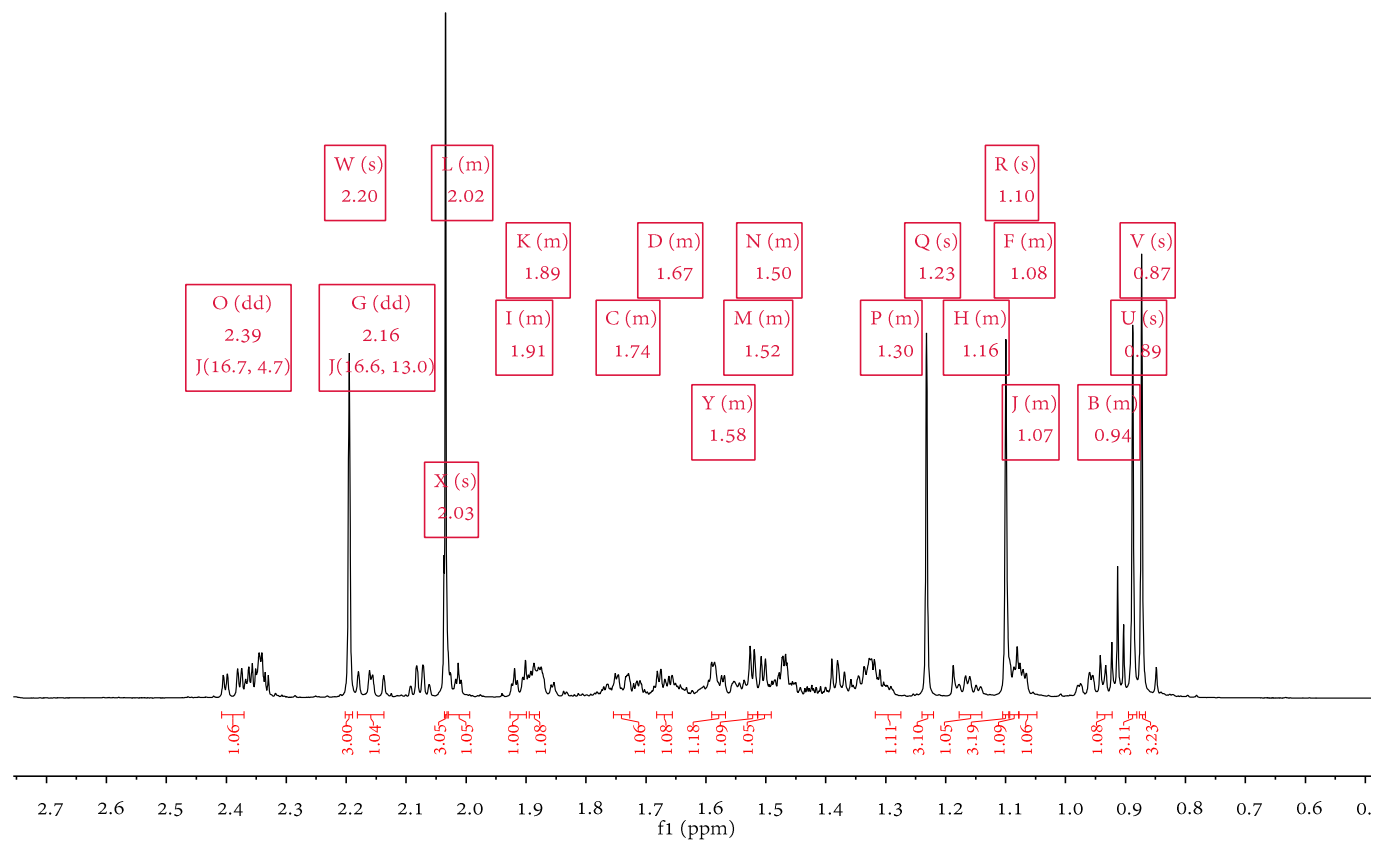


Figure S46. The ^1H NMR spectrum (0-3 ppm) of compound 6 in CD_3OD .

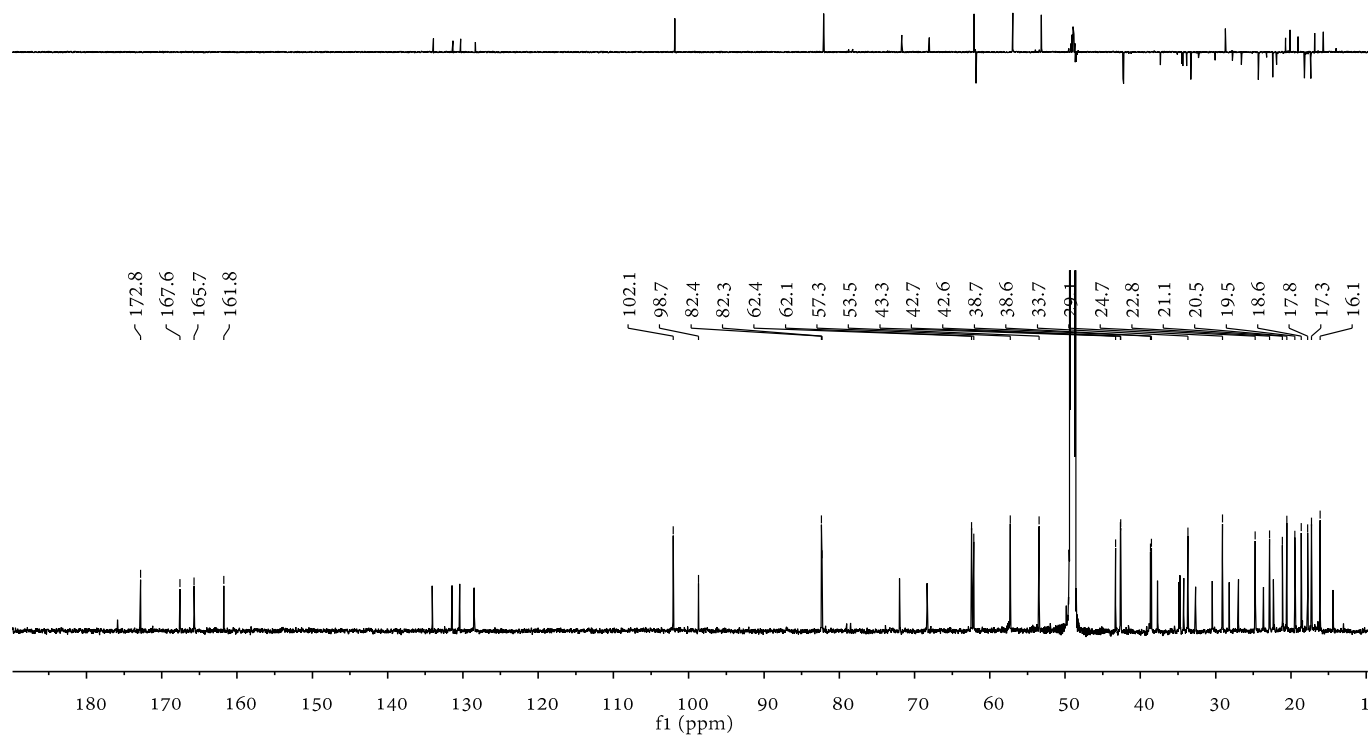


Figure S47. The ¹³C NMR spectrum of compound 6 in CD₃OD.

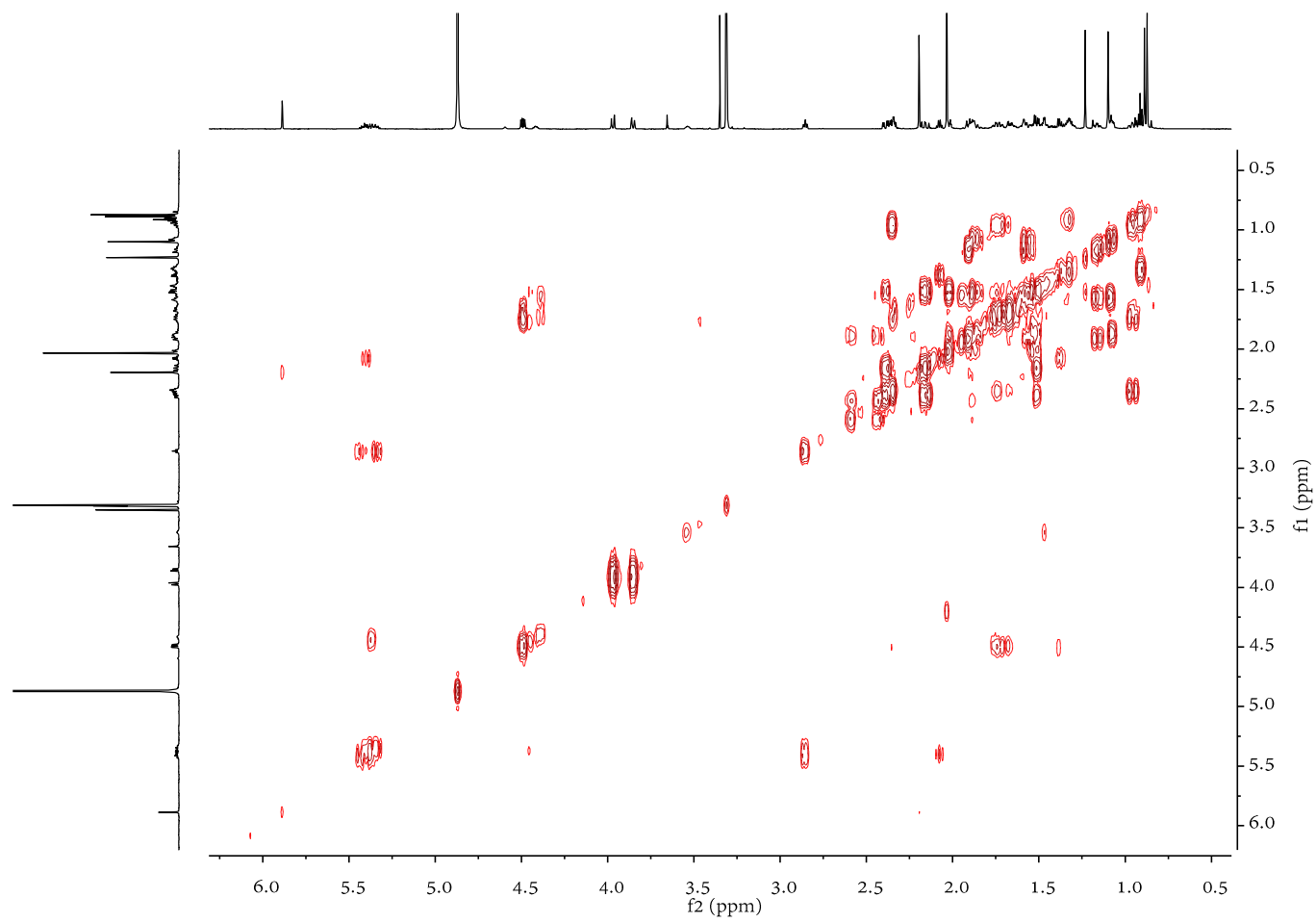


Figure S48. The ^1H - ^1H COSY spectrum of compound **6** in CD_3OD .

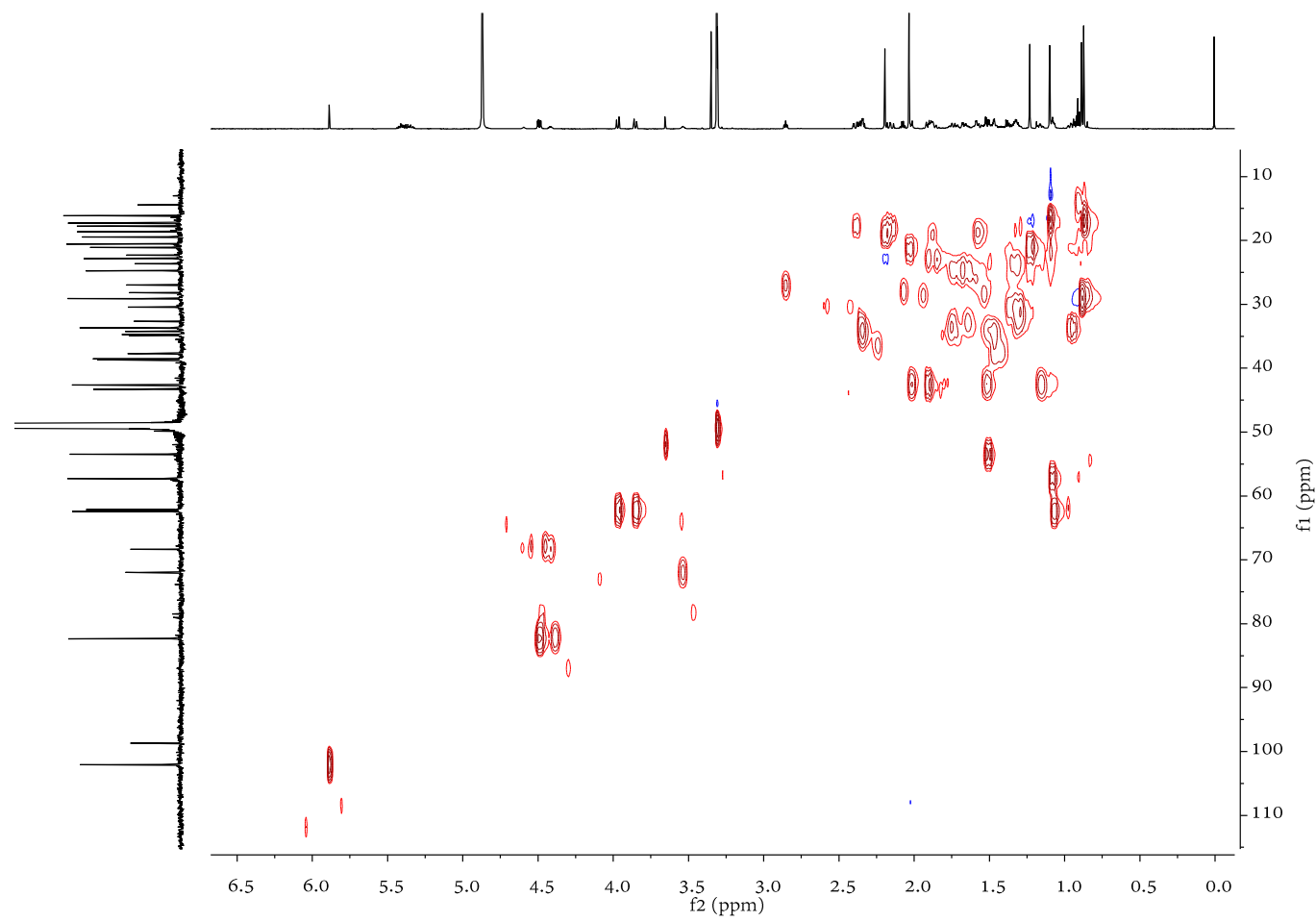


Figure S49. The HSQC spectrum of compound 6 in CD₃OD.

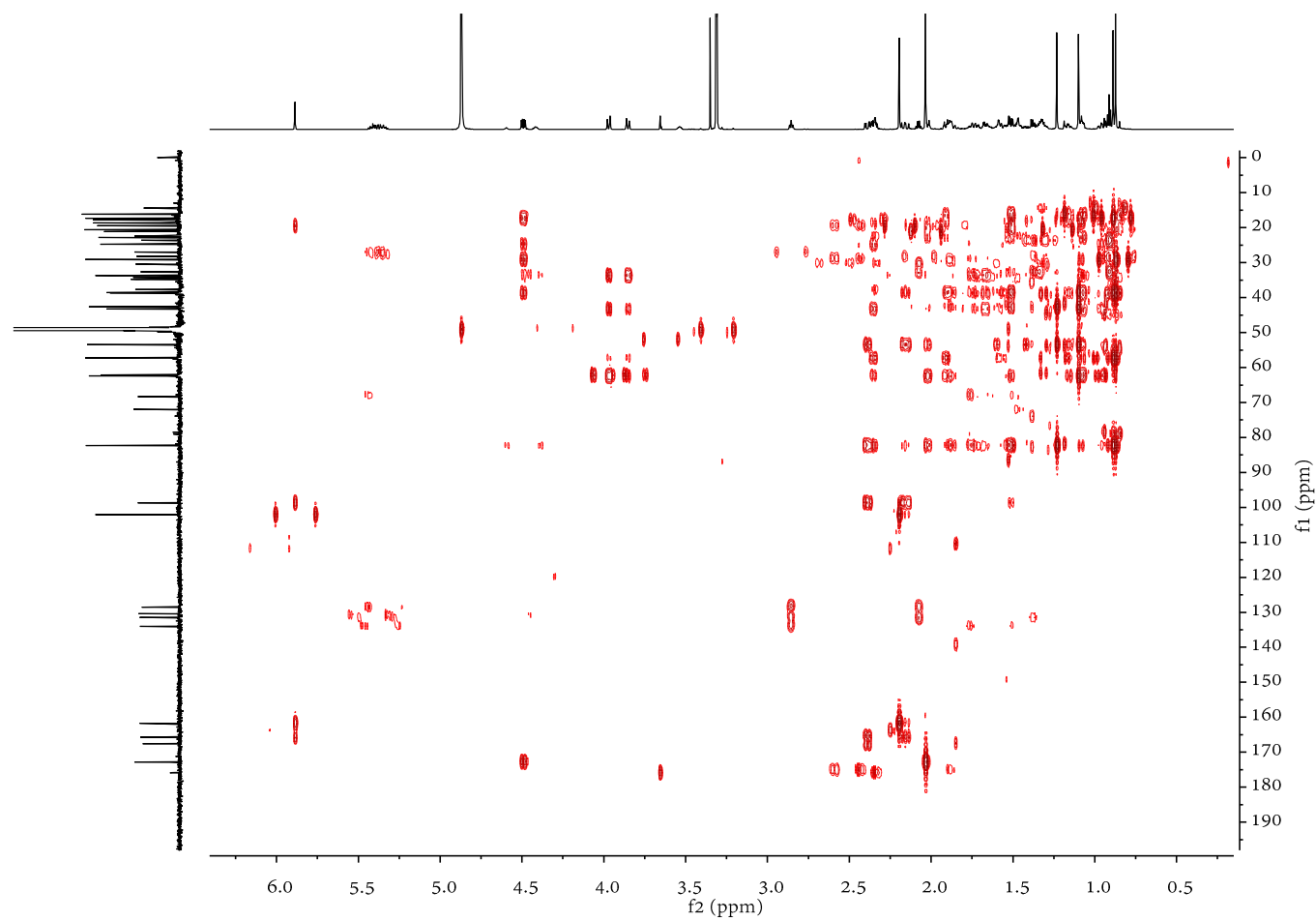


Figure S50. The HMBC spectrum of compound **6** in CD₃OD.

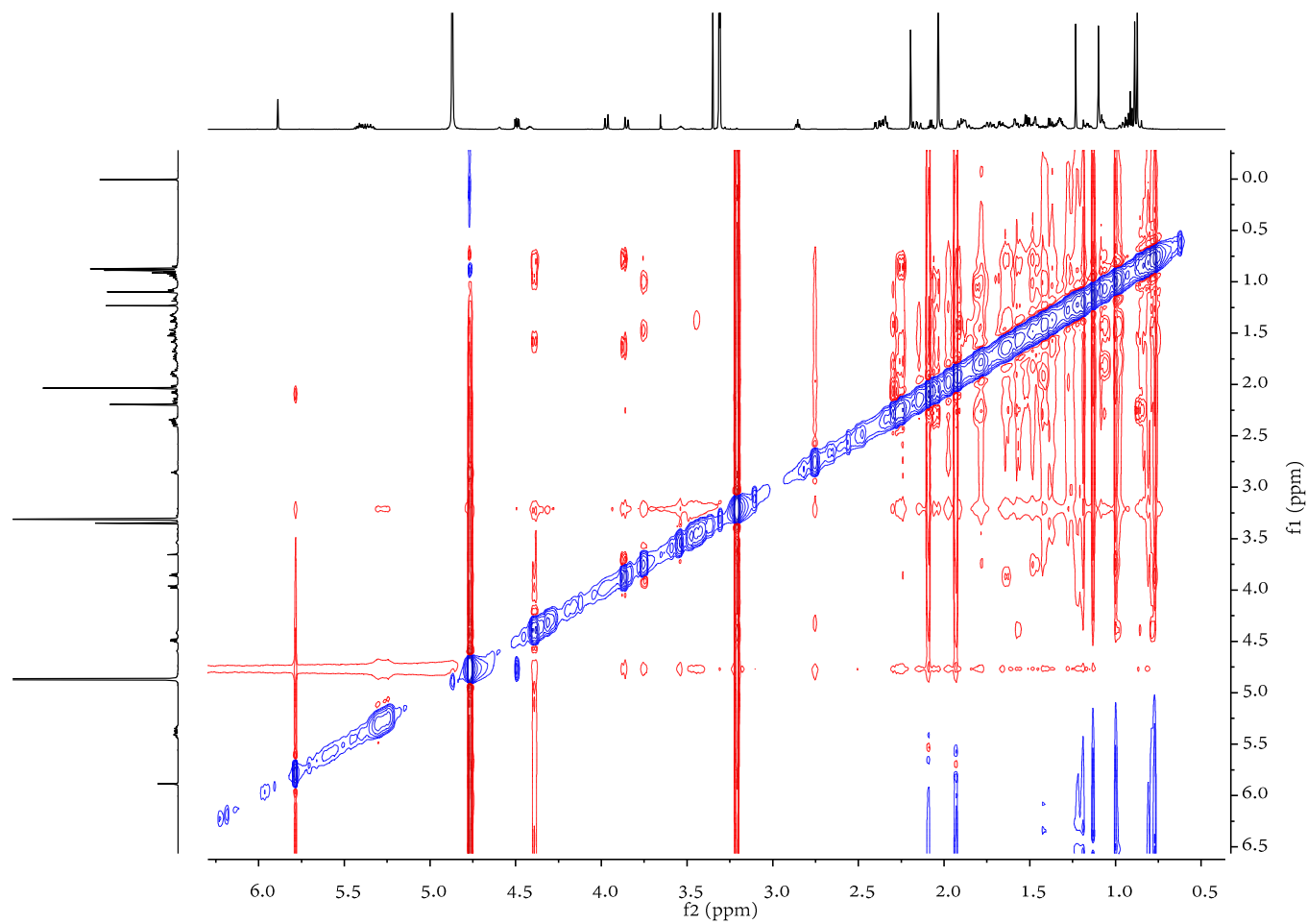


Figure S51. The NOESY spectrum of compound 6 in CD₃OD.

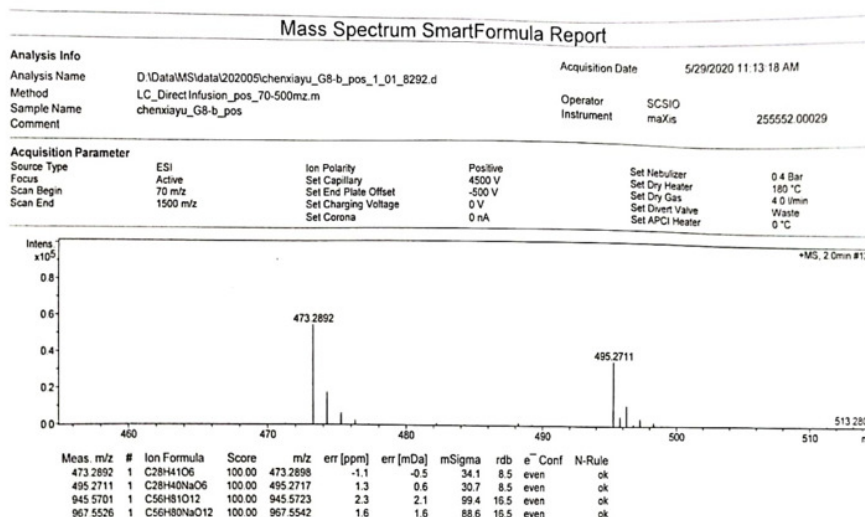


Figure S52. The HRESIMS spectrum of compound 6.

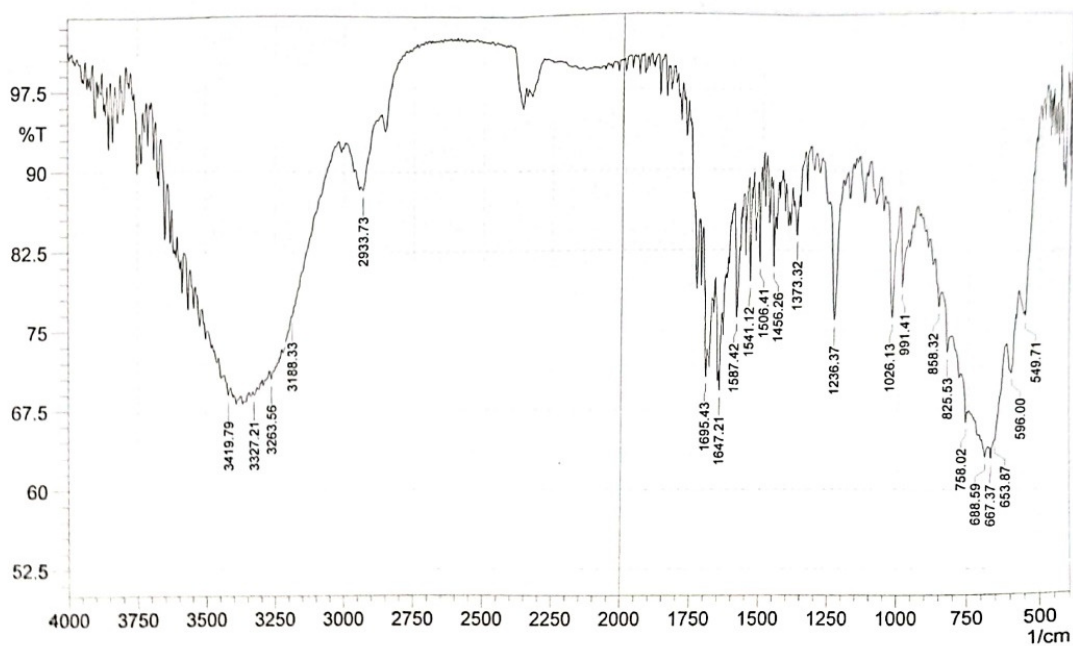


Figure S53. The IR spectrum of compound 6.

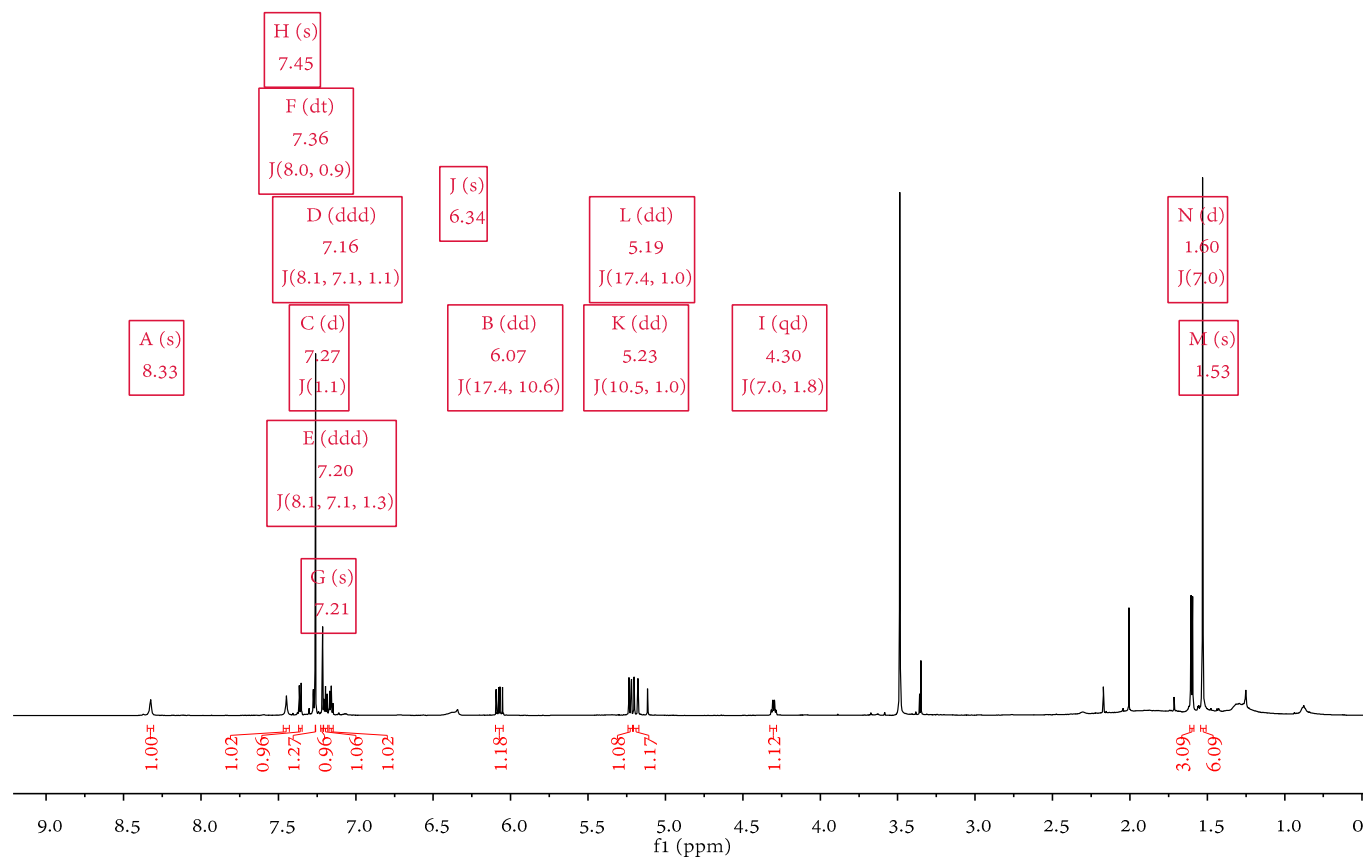


Figure S54. The ^1H NMR spectrum of compound 7 in CDCl_3 .

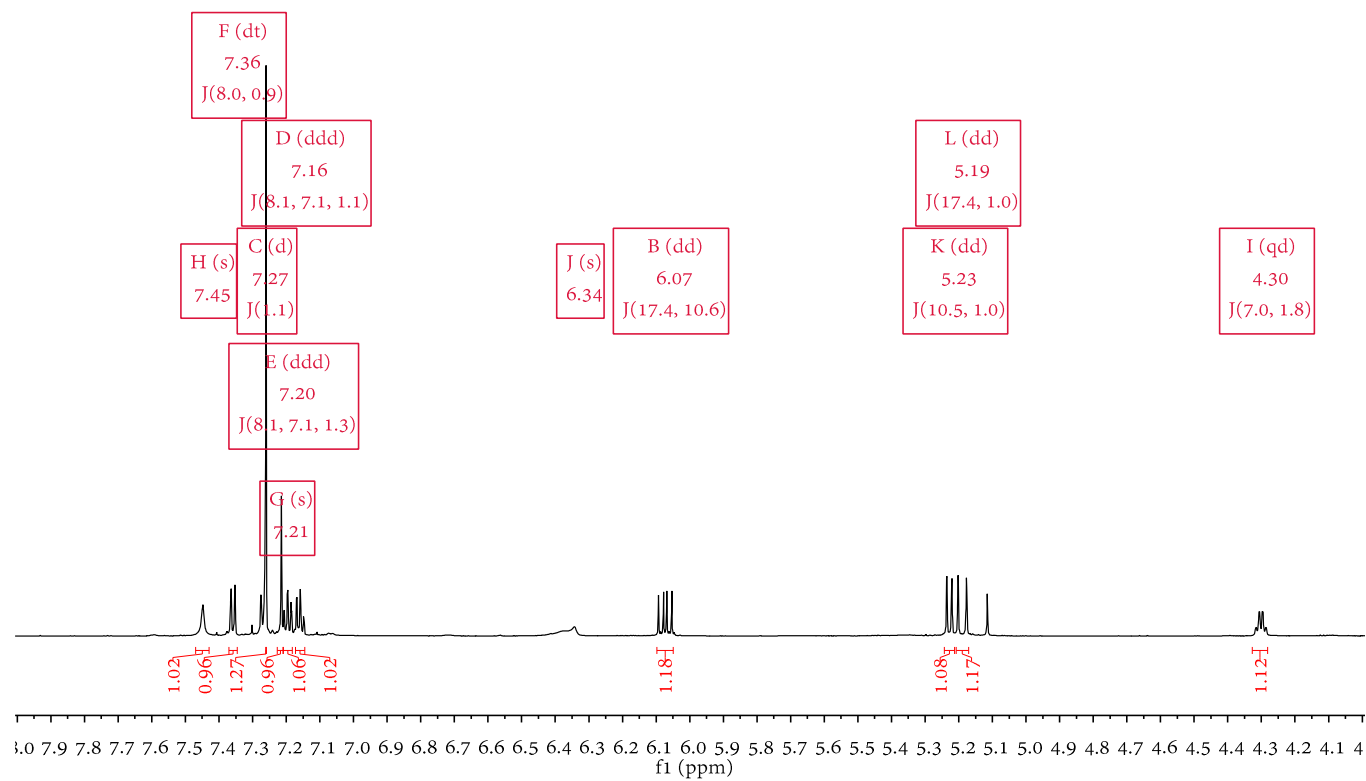


Figure S55. The ^1H NMR spectrum (4-8 ppm) of compound 7 in CDCl_3 .

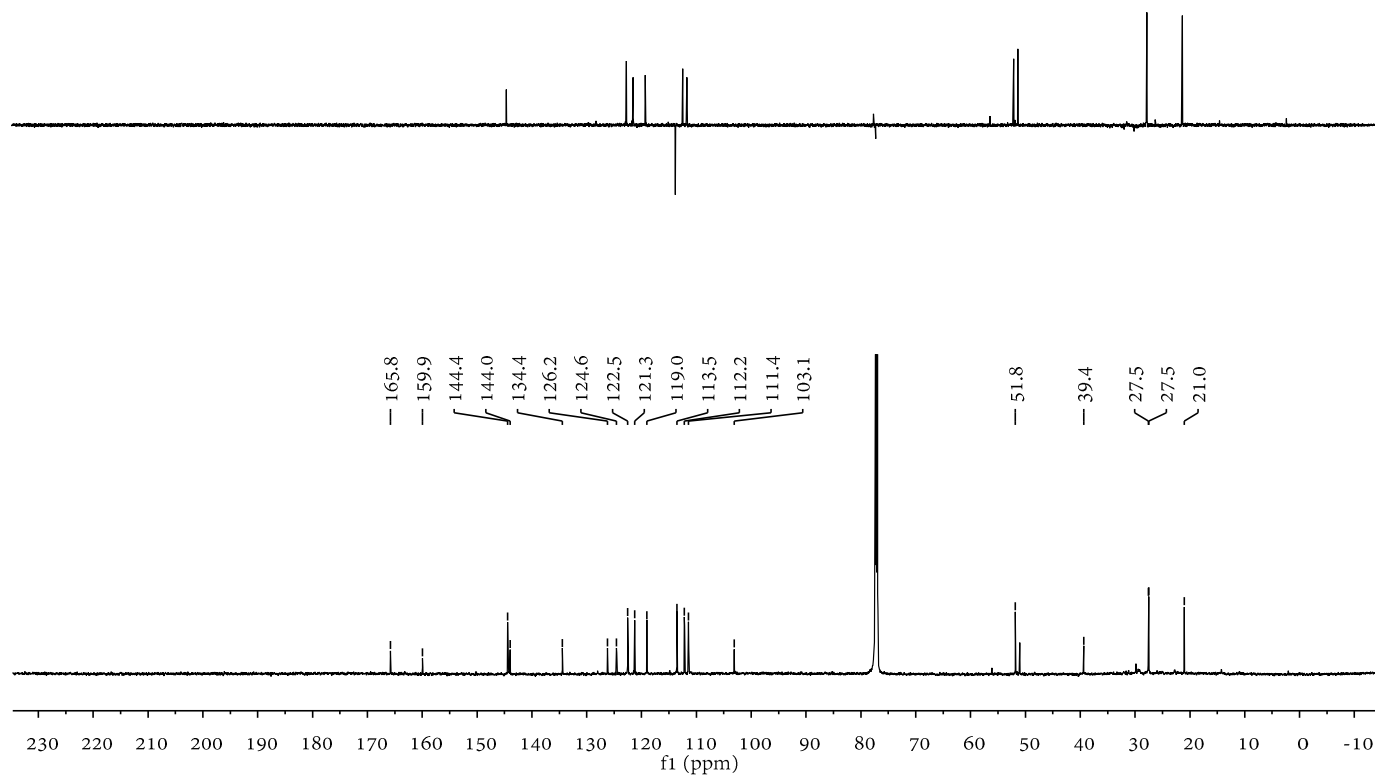


Figure S56. The ^{13}C NMR spectrum of compound 7 in CDCl_3 .

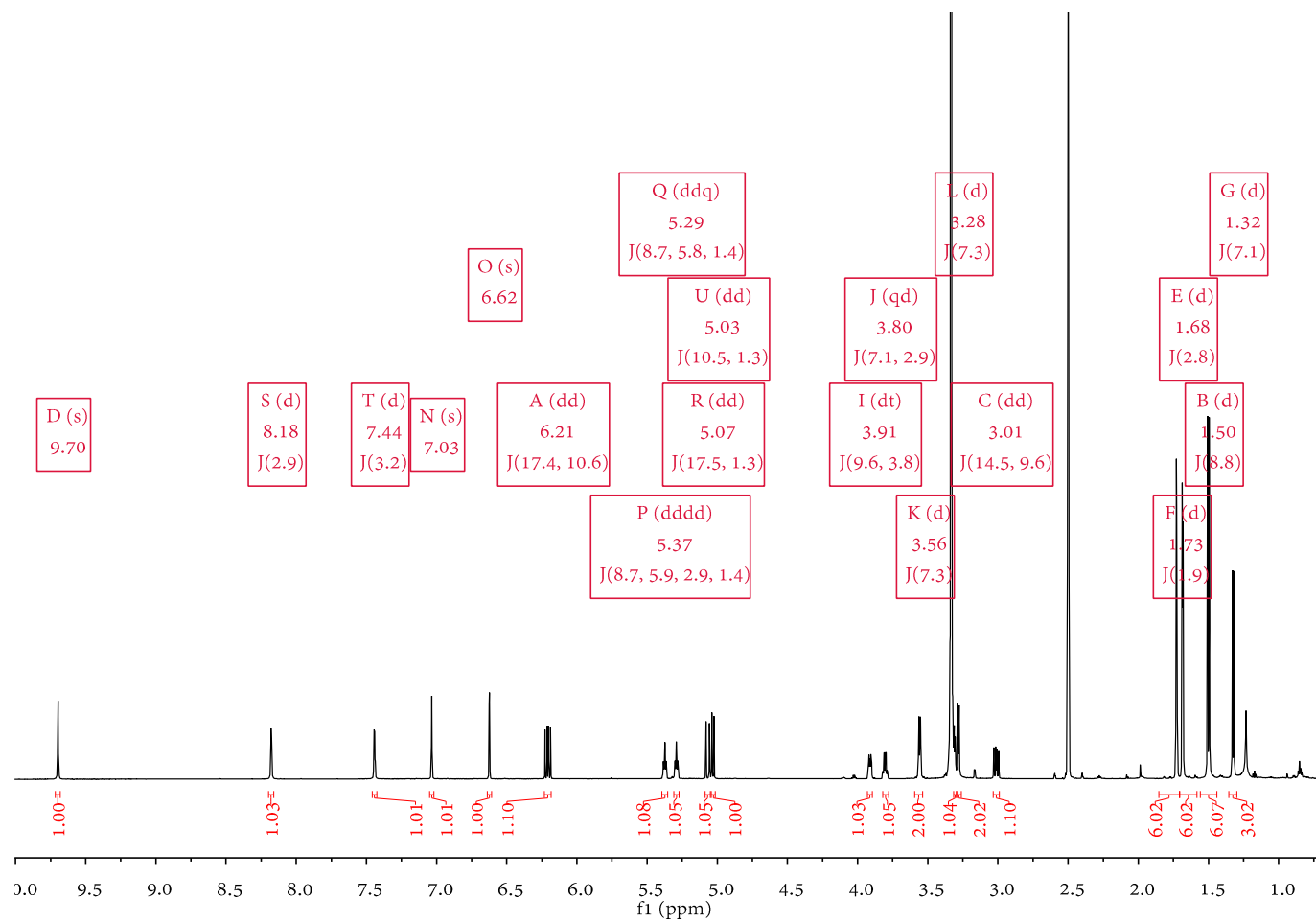


Figure S57. The ^1H NMR spectrum of compound **8** in $\text{DMSO-}d_6$.

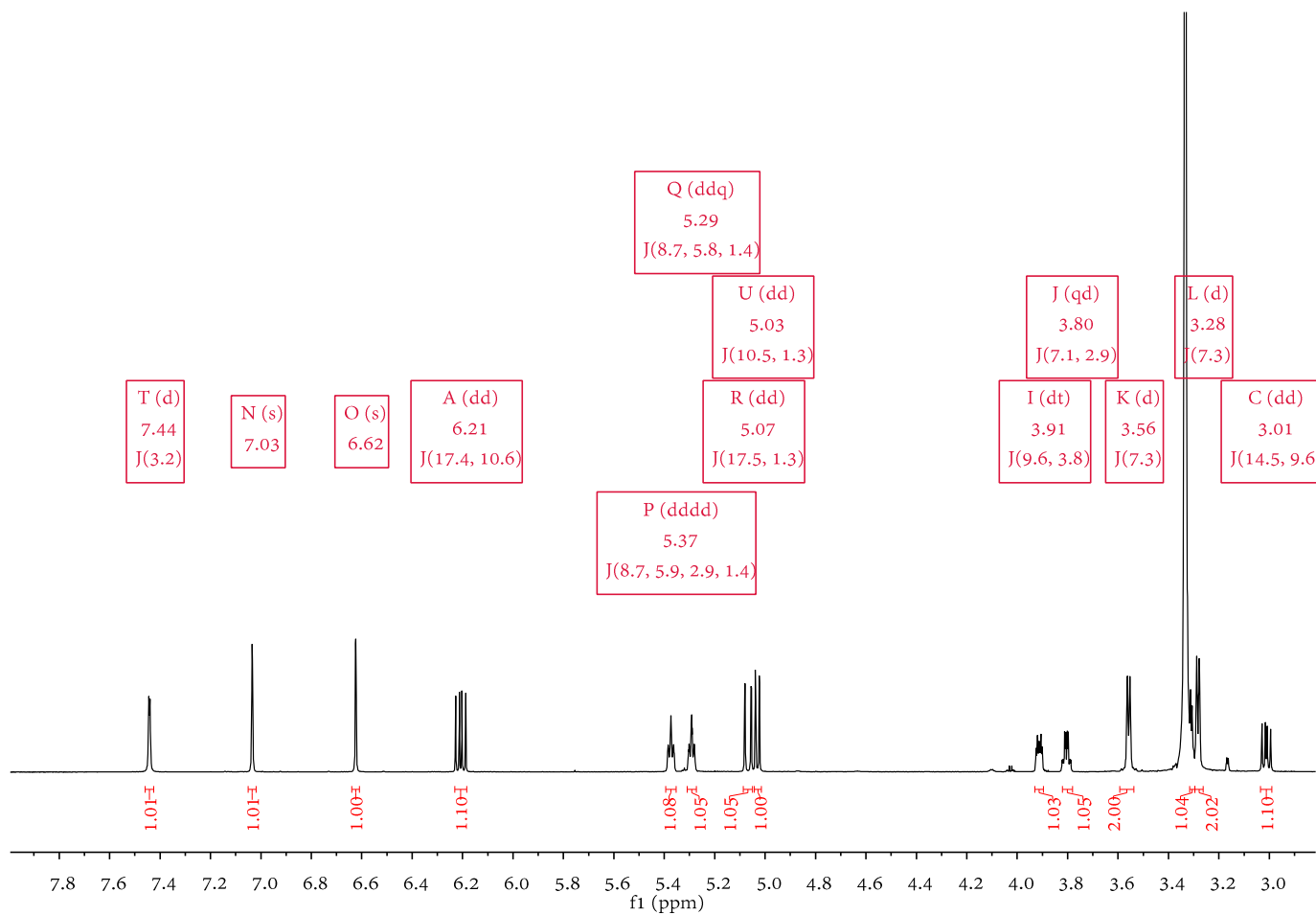


Figure S58. The ^1H NMR spectrum (3-8 ppm) of compound 8 in $\text{DMSO}-d_6$.

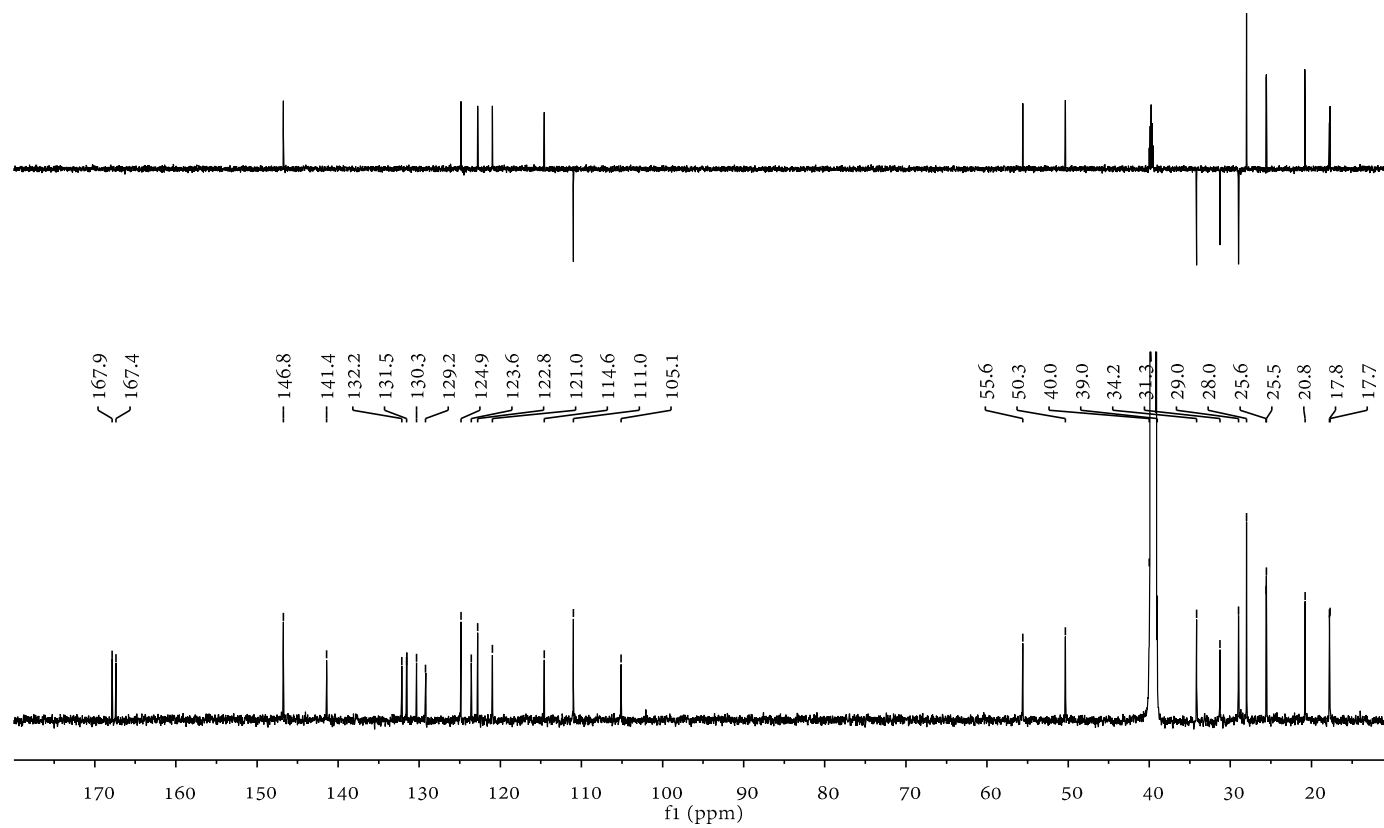


Figure S59. The ^{13}C NMR spectrum of compound 8 in $\text{DMSO}-d_6$.

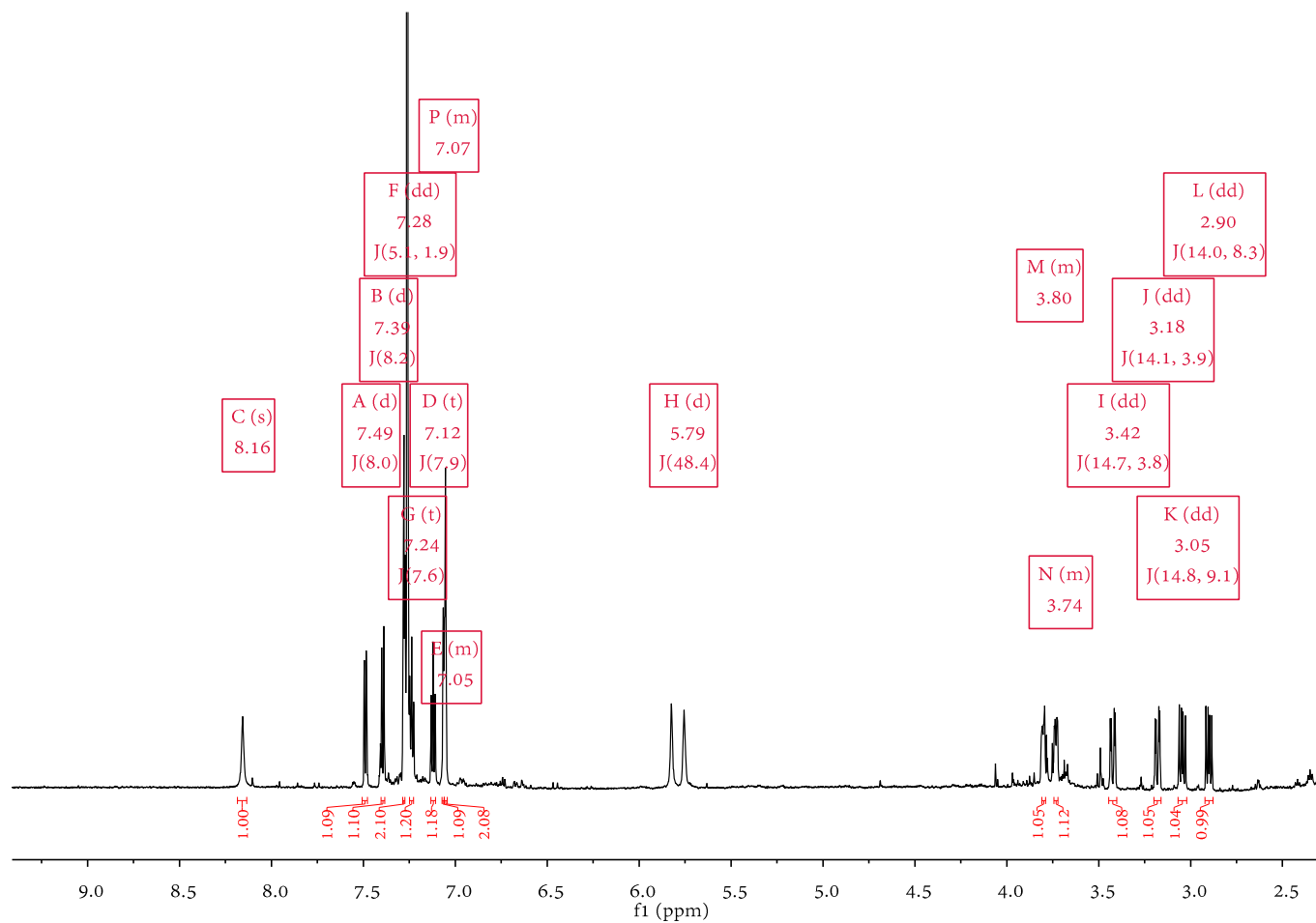


Figure S60. The ^1H NMR spectrum of compound **9** in CDCl_3 .

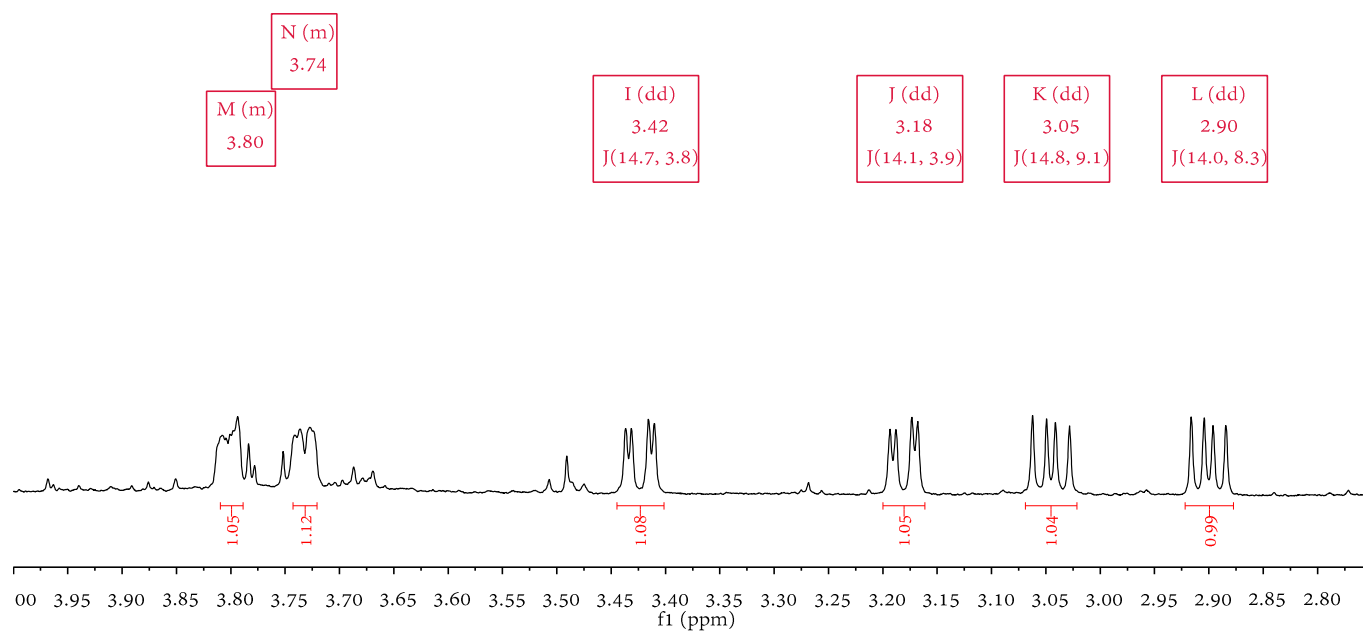


Figure S61. The ^1H NMR spectrum (2.8-4 ppm) of compound 9 in CDCl_3 .

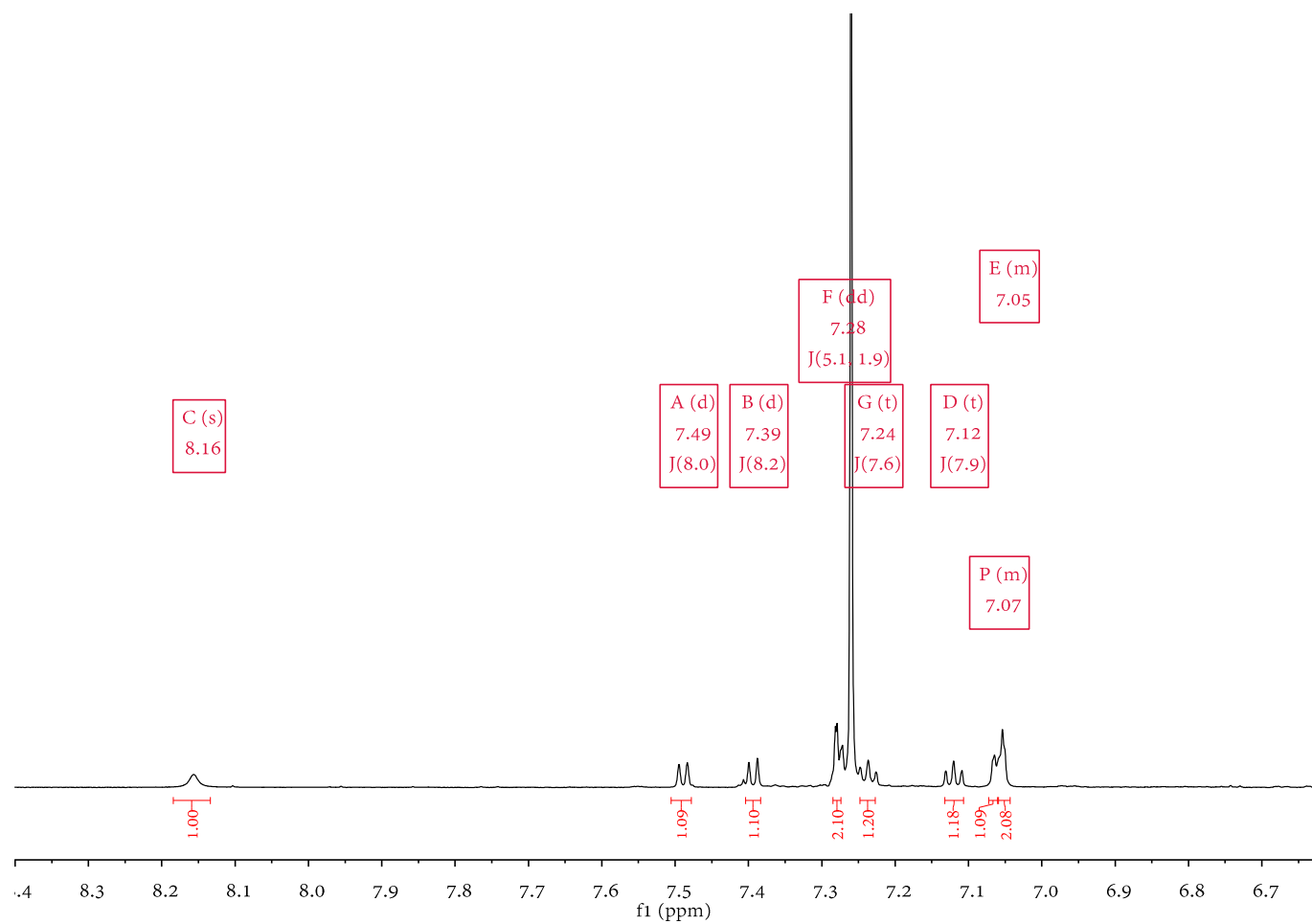


Figure S62. The ^1H NMR spectrum (6-8 ppm) of compound 9 in CDCl_3 .

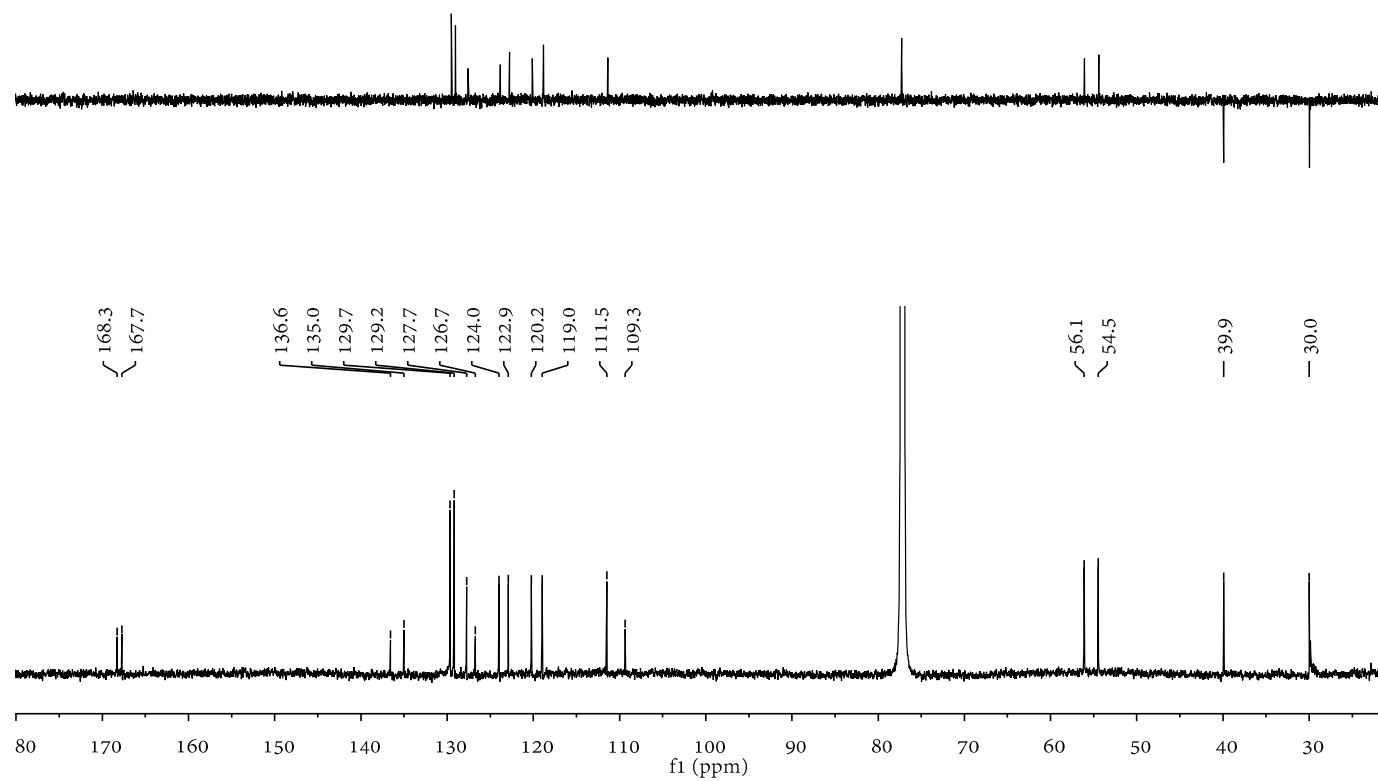


Figure S63. The ¹³C NMR spectrum of compound 9 in CDCl₃.

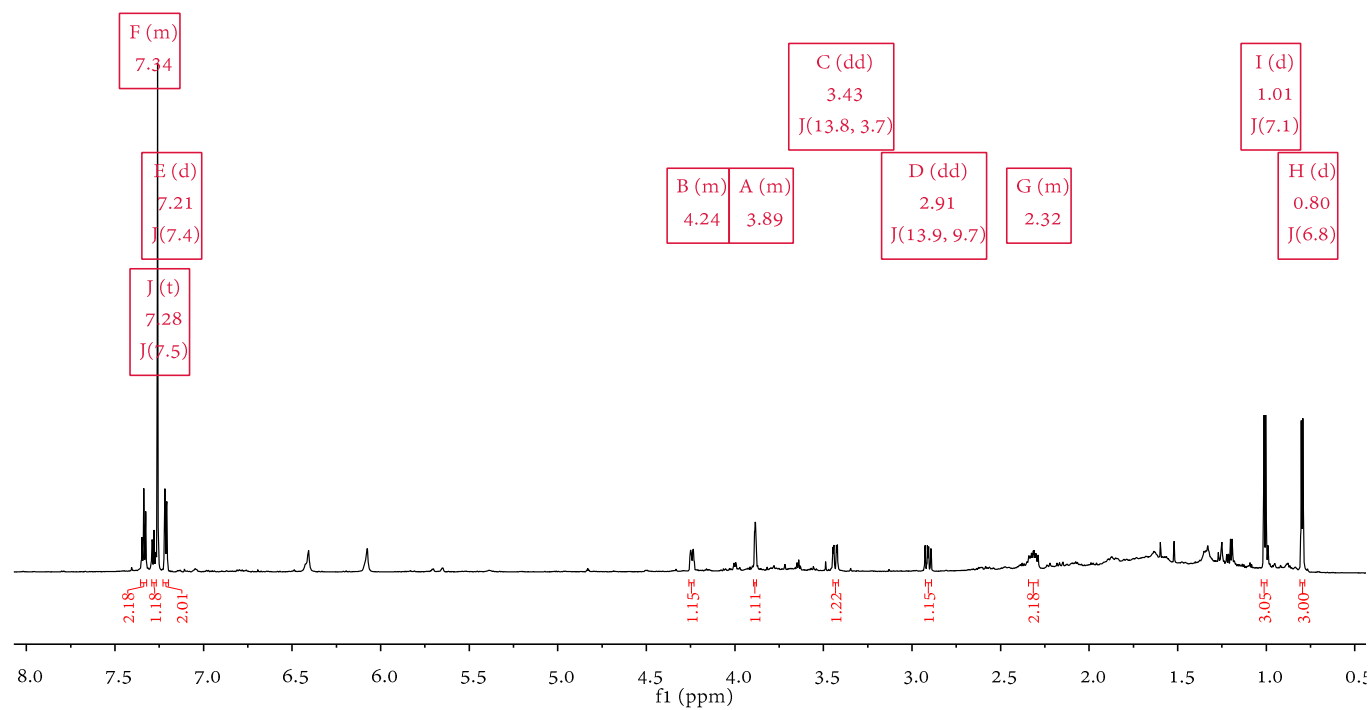


Figure S64. The ^1H NMR spectrum of compound 10 in CDCl_3 .

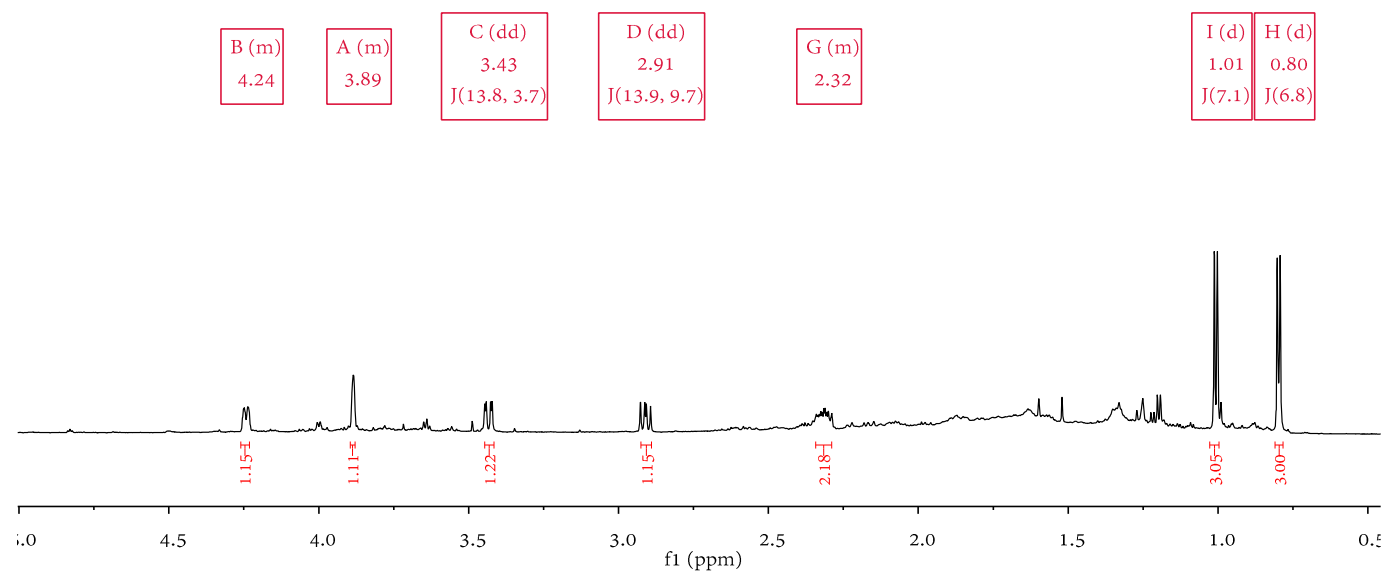


Figure S65. The ^1H NMR spectrum (0-5 ppm) of compound 10 in CDCl_3 .

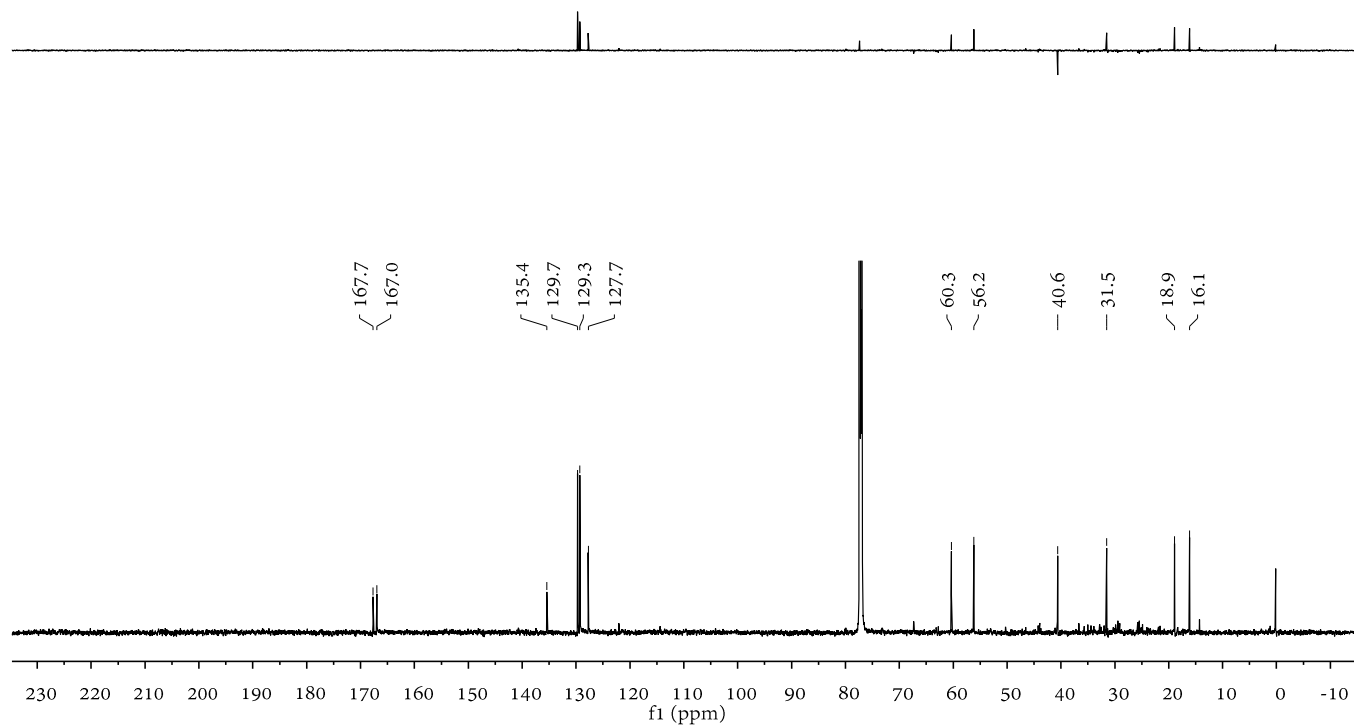


Figure S66. The ^{13}C NMR spectrum of compound 10 in CDCl_3 .

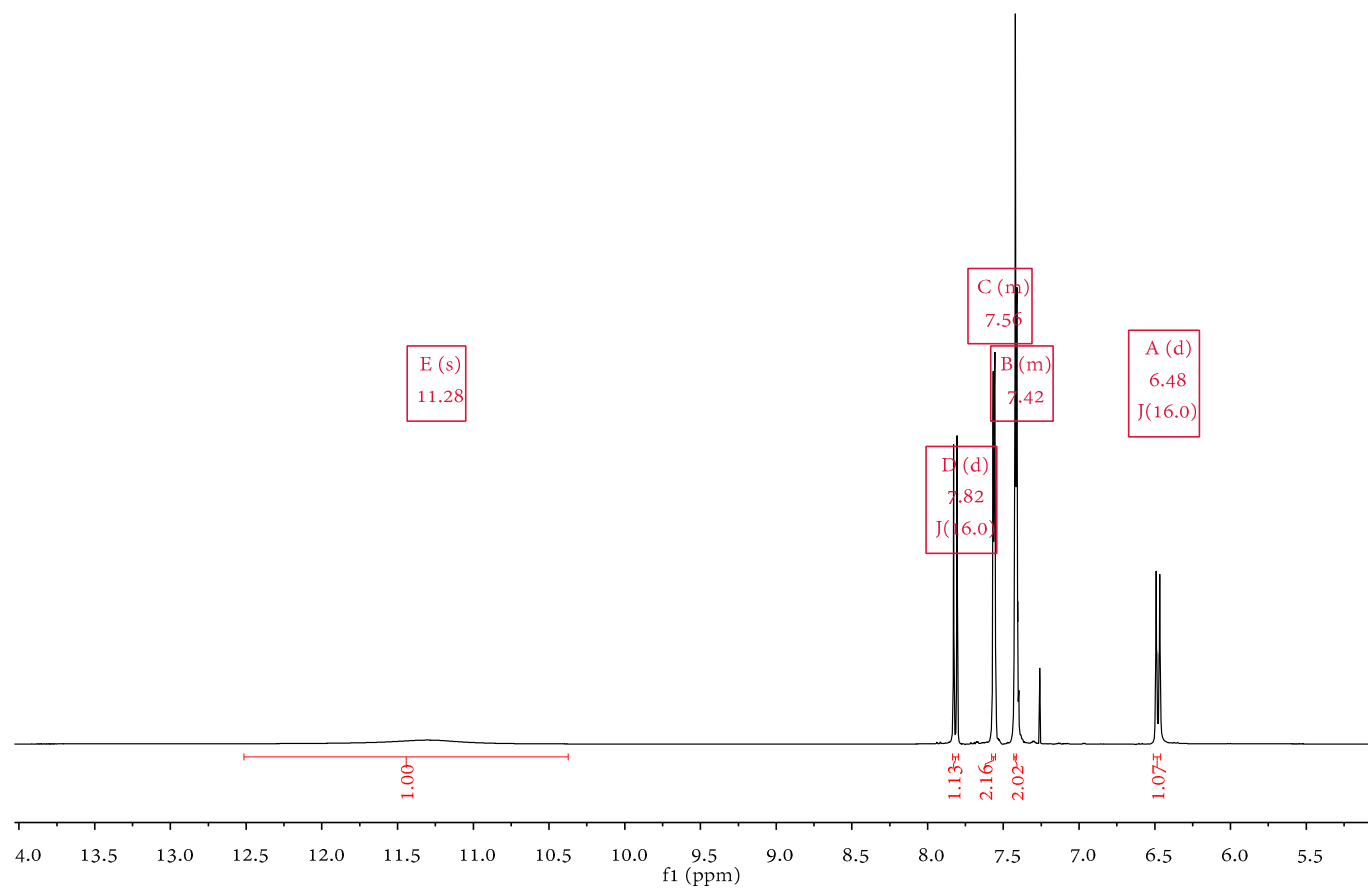


Figure S67. The ^1H NMR spectrum of compound 11 in CDCl_3 .

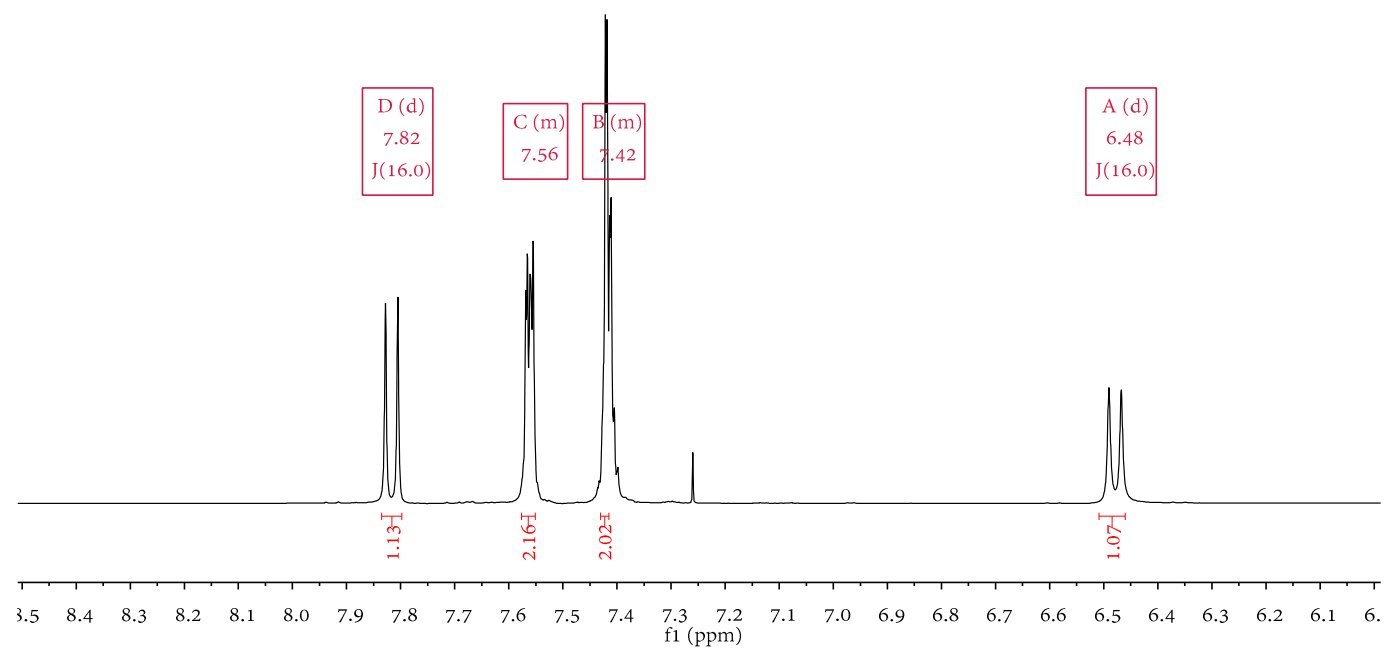


Figure S68. The ^1H NMR spectrum (6-8 ppm) of compound 11 in CDCl_3 .

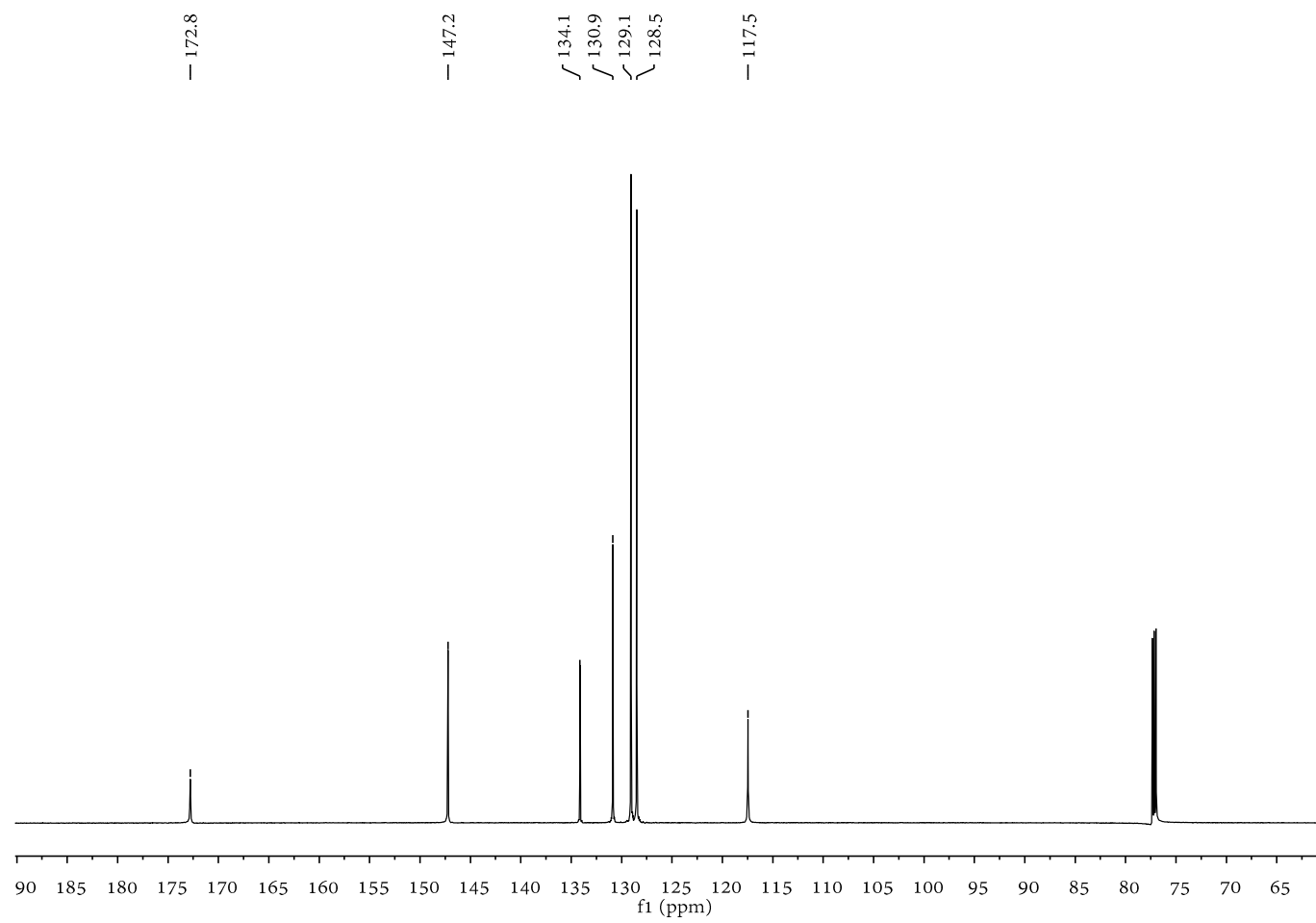


Figure S69. The ¹³C NMR spectrum of compound 11 in CDCl₃.

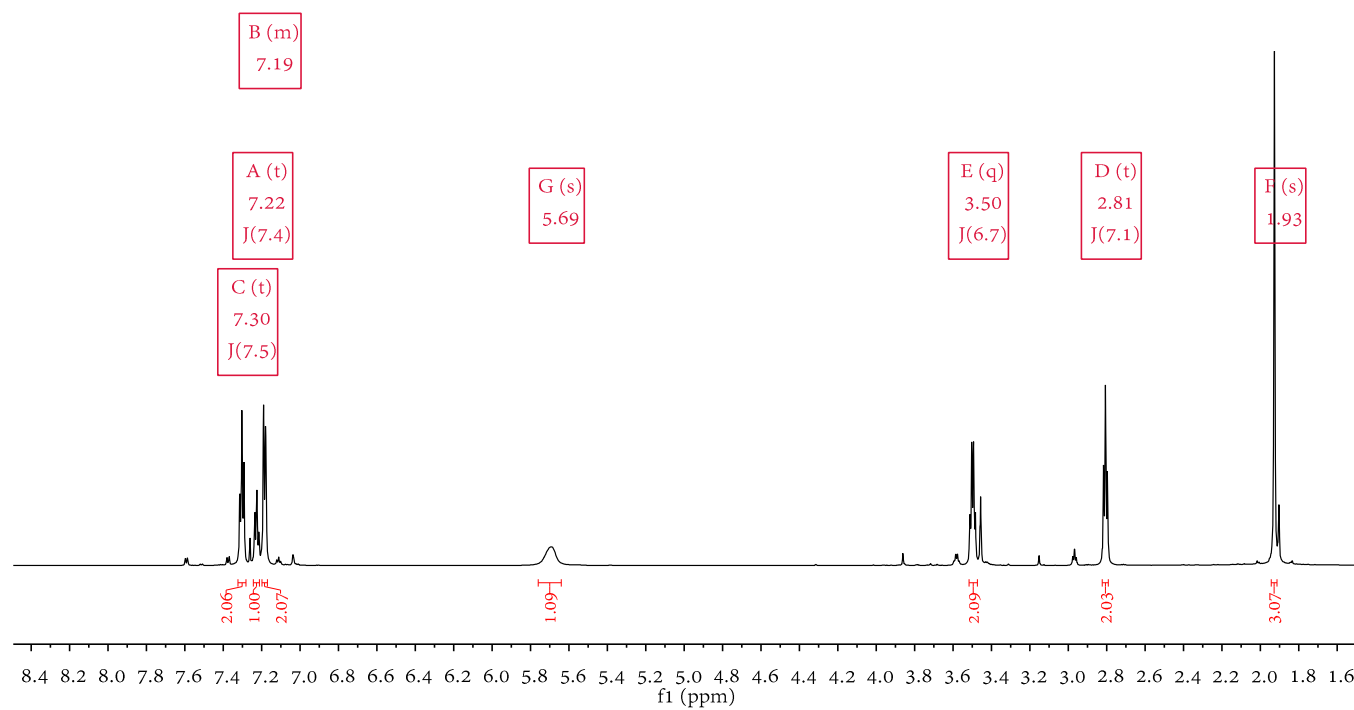


Figure S70. The ^1H NMR spectrum of compound 12 in CDCl_3 .

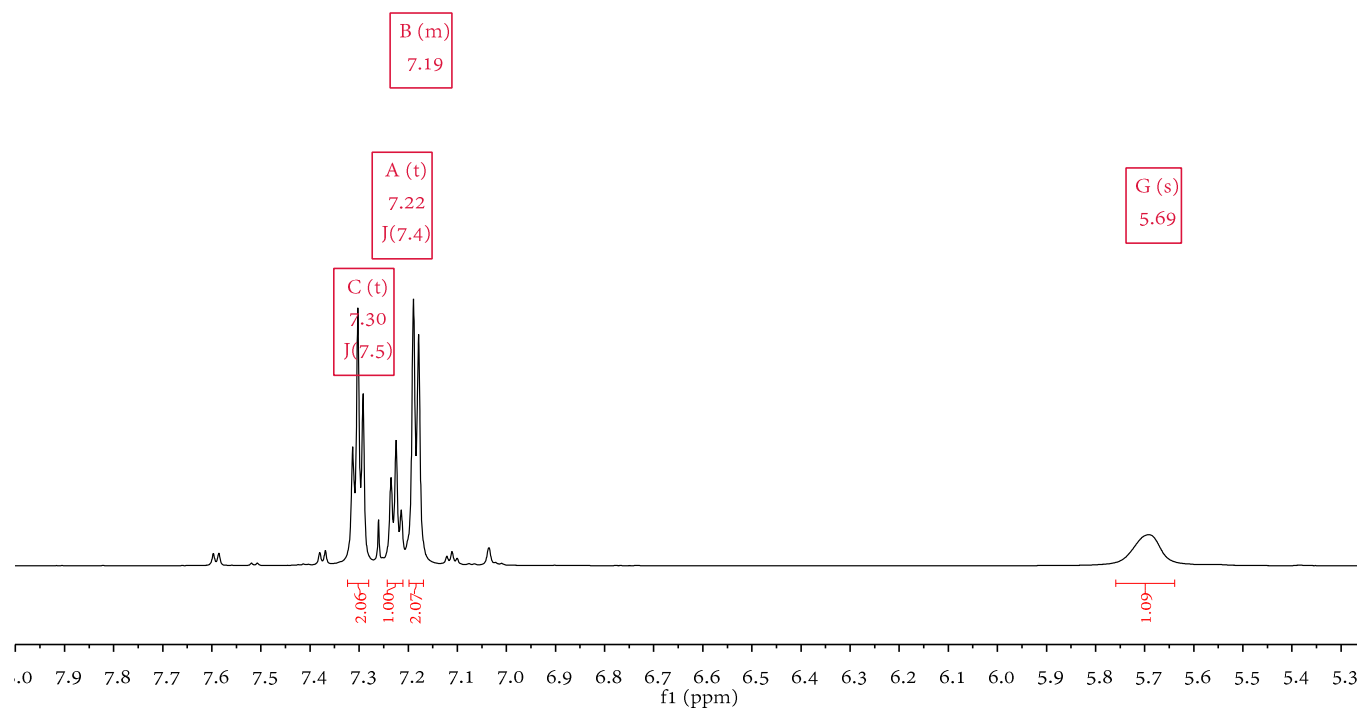


Figure S71. The ^1H NMR spectrum (5-8 ppm) of compound 12 in CDCl_3 .

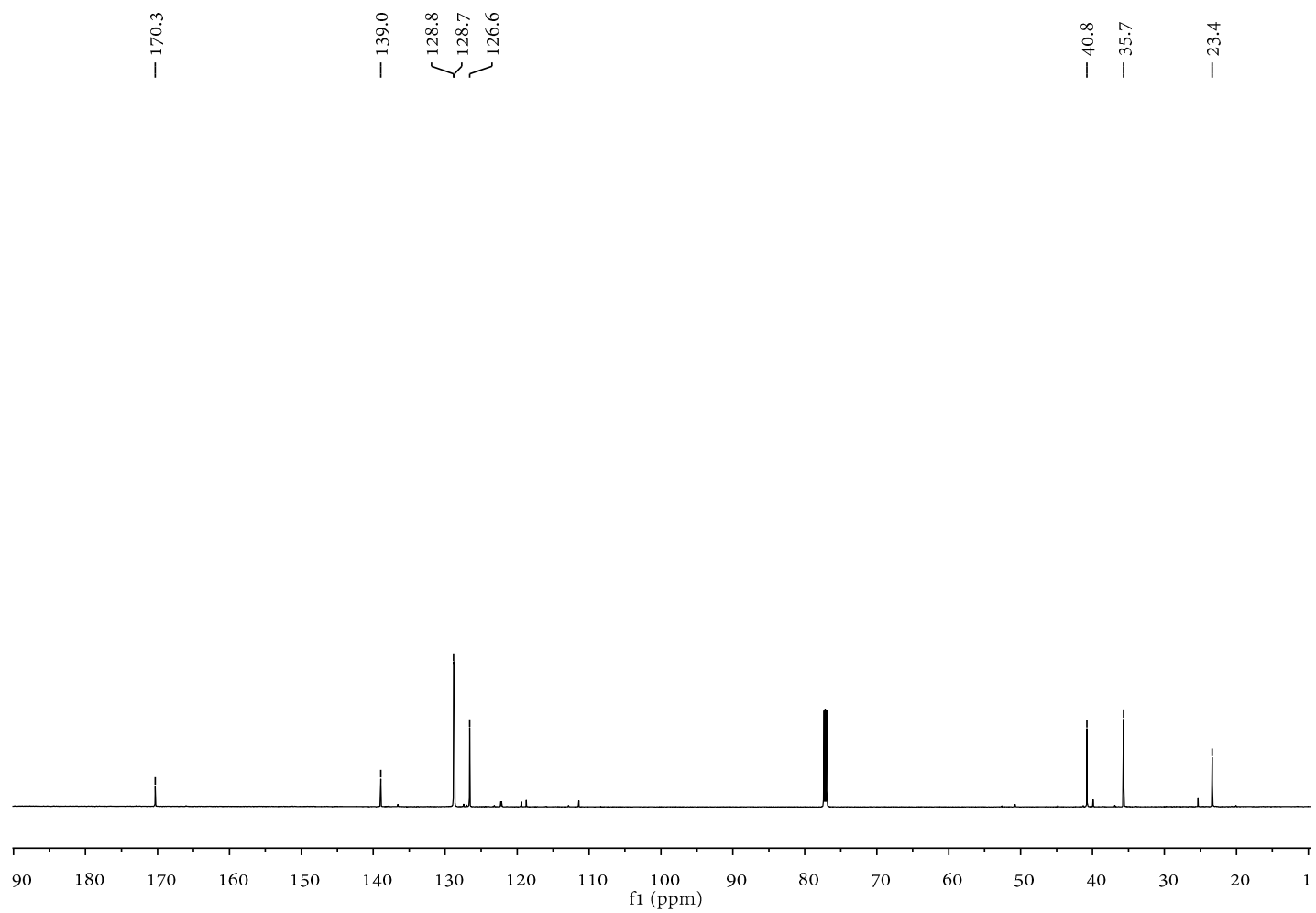


Figure S72. The ¹³C NMR spectrum of compound 12 in CDCl₃

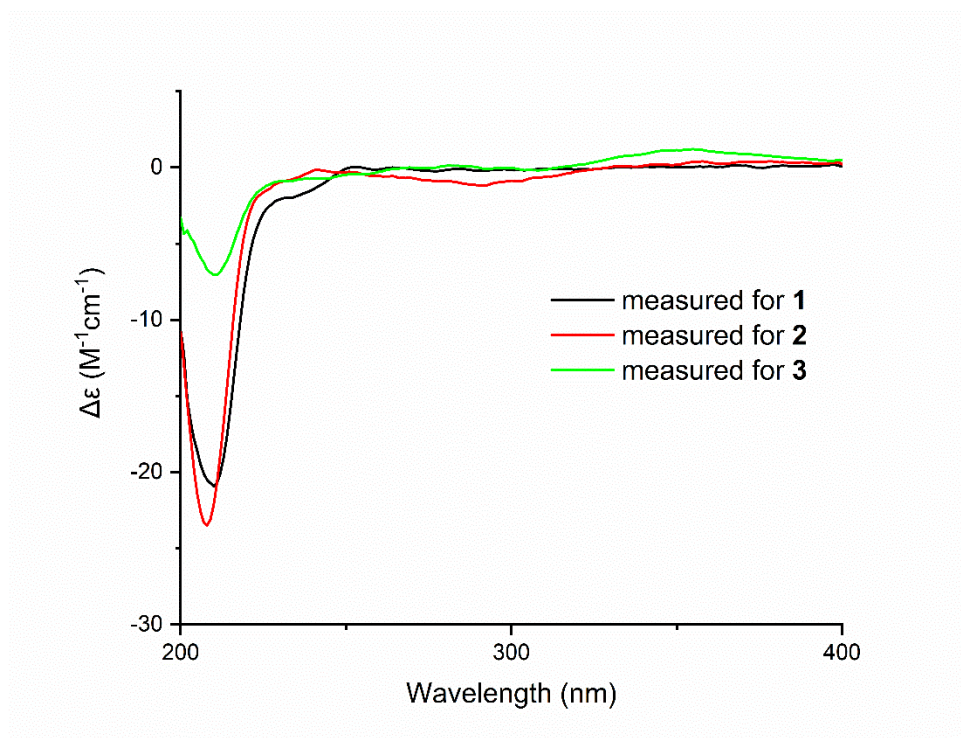


Figure S73. Experimental ECD spectra of compounds 1, 2 and 3.

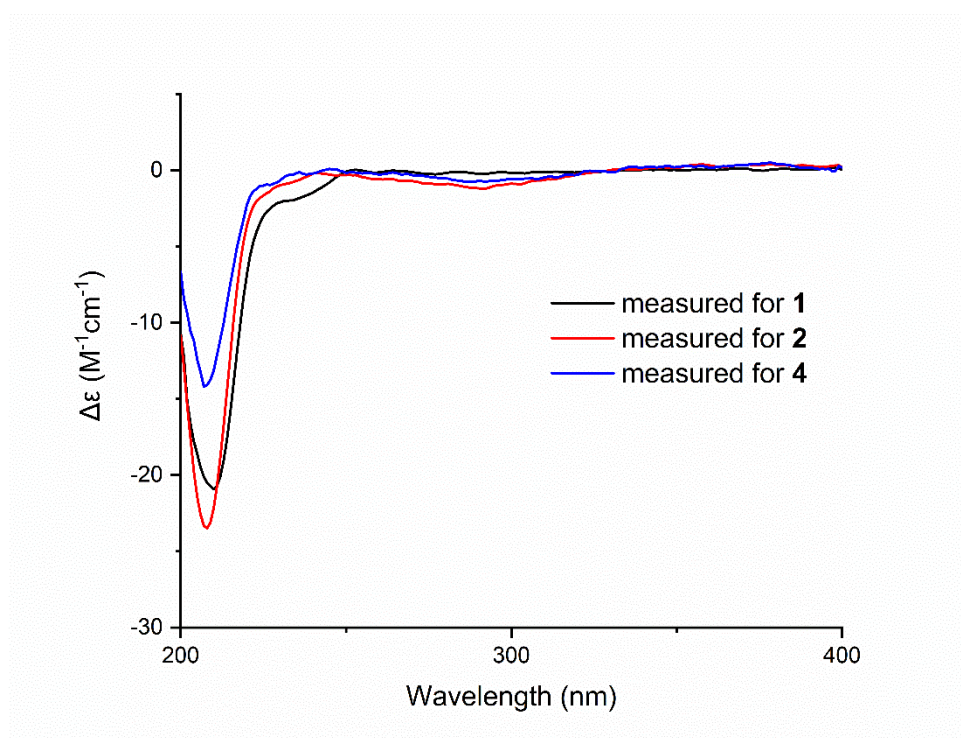


Figure S74. Experimental ECD spectra of compounds 1, 2 and 4.

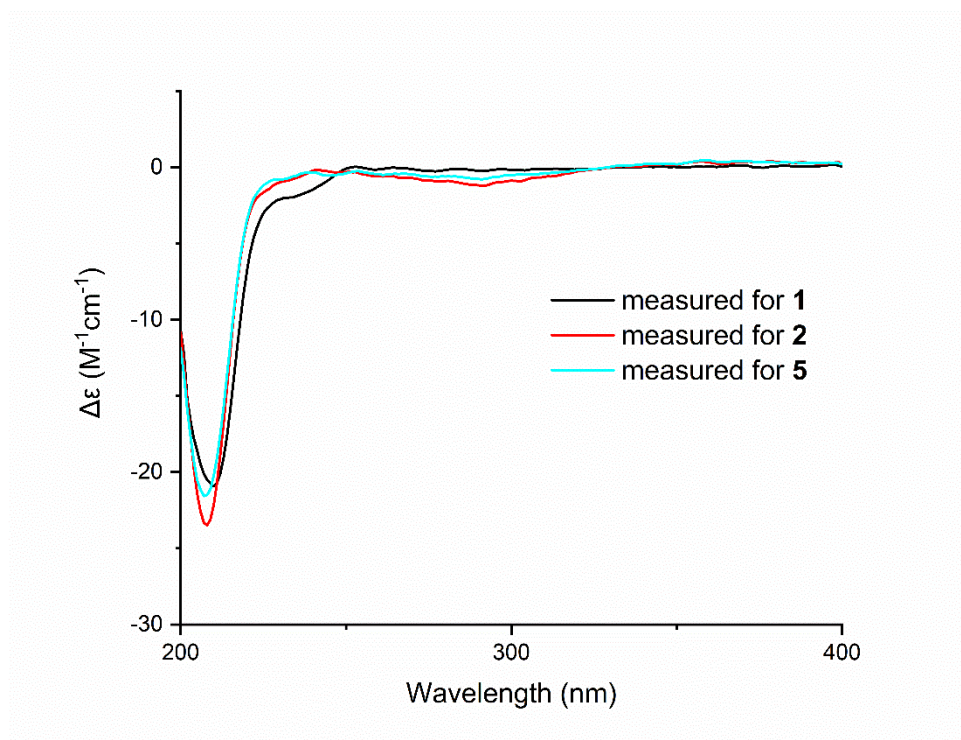


Figure S75. Experimental ECD spectra of compounds 1, 2 and 5.

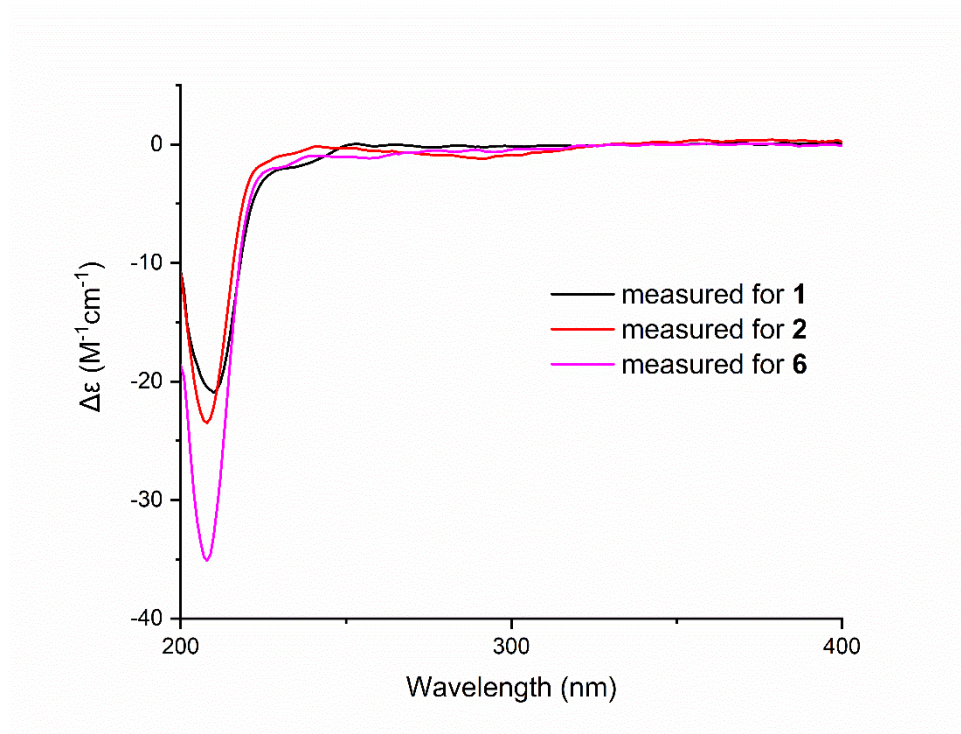


Figure S76. Experimental ECD spectra of compounds 1, 2 and 6.