

Supplementary Materials

Phytochemical investigation of *Tradescantia albiflora* and anti-inflammatory butenolide derivatives

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Figure S1. IR spectrum of compound **1**.

Figure S2. HRESIMS data of compound **1**.

Figure S3. ^1H NMR spectrum of compound **1** in methanol- d_4 .

Figure S4. ^{13}C NMR spectrum of compound **1** in methanol- d_4 .

Figure S5. HSQC spectrum of compound **1** in methanol- d_4 .

Figure S6. HMBC spectrum of compound **1** in methanol- d_4 .

Figure S7. COSY spectrum of compound **1** in methanol- d_4 .

Figure S8. IR spectrum of compound **2**.

Figure S9. HRESIMS data of compound **2**.

Figure S10. ^1H NMR spectrum of compound **2** in acetone- d_6 .

Figure S11. ^{13}C NMR spectrum of compound **2** in acetone- d_6 .

Figure S12. HSQC spectrum of compound **2** in acetone- d_6 .

Figure S13. HMBC spectrum of compound **2** in acetone- d_6 .

Figure S14. IR spectrum of compound **11**.

Figure S15. HRESIMS data of compound **11**.

Figure S16. ^1H NMR spectrum of compound **11** in acetone- d_6 .

Figure S17. ^{13}C NMR spectrum and DEPT spectrum of compound **11** in acetone- d_6 .

Figure S18. HSQC spectrum of compound **11** in acetone- d_6 .

Figure S19. HMBC spectrum of compound **11** in acetone- d_6 .

Figure S20. COSY spectrum of compound **11** in acetone- d_6 .

Figure S21. NOESY spectrum of compound **11** in acetone- d_6 .

Figure S22. Effects of compounds **4**, **4b**, **4d**, **6**, and **7** on NO production in LPS-stimulated RAW 264.7 macrophages

Figure S23. Effects of compounds **4**, **4b**, **4d**, **6**, and **7** on cell viability of RAW 264.7 macrophages.

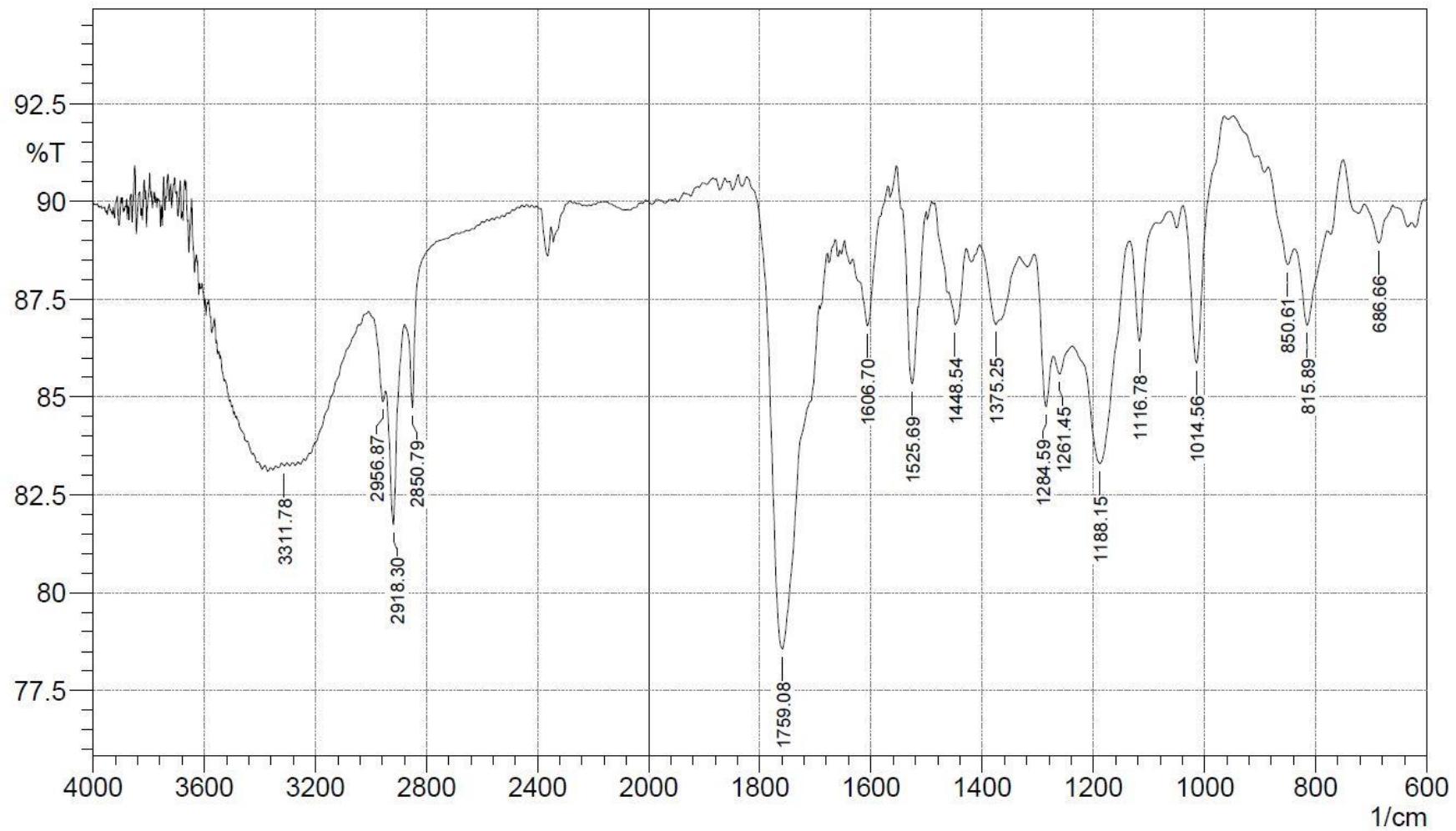


Figure S1. IR spectrum of compound 1.

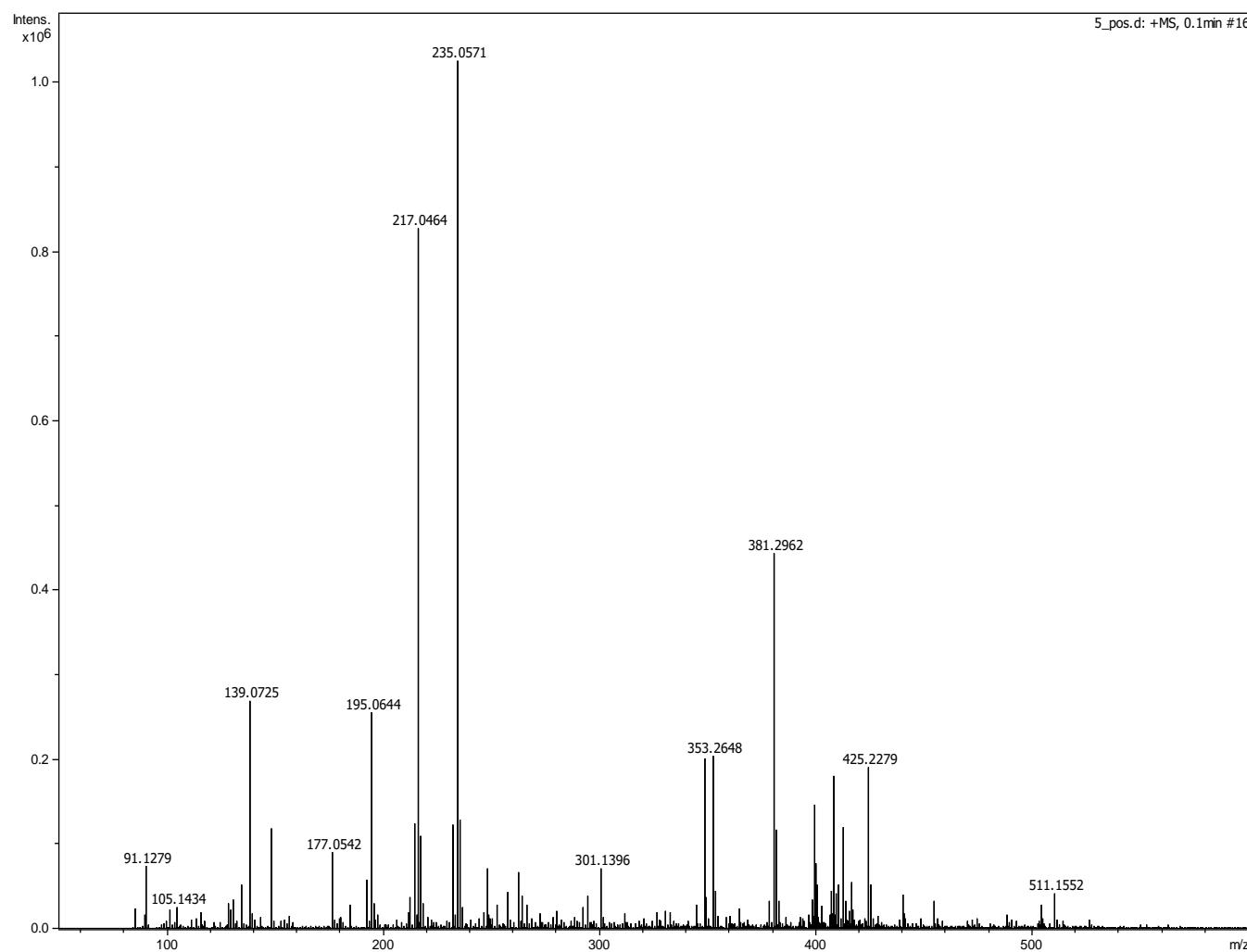


Figure S2. HRESIMS data of compound 1.

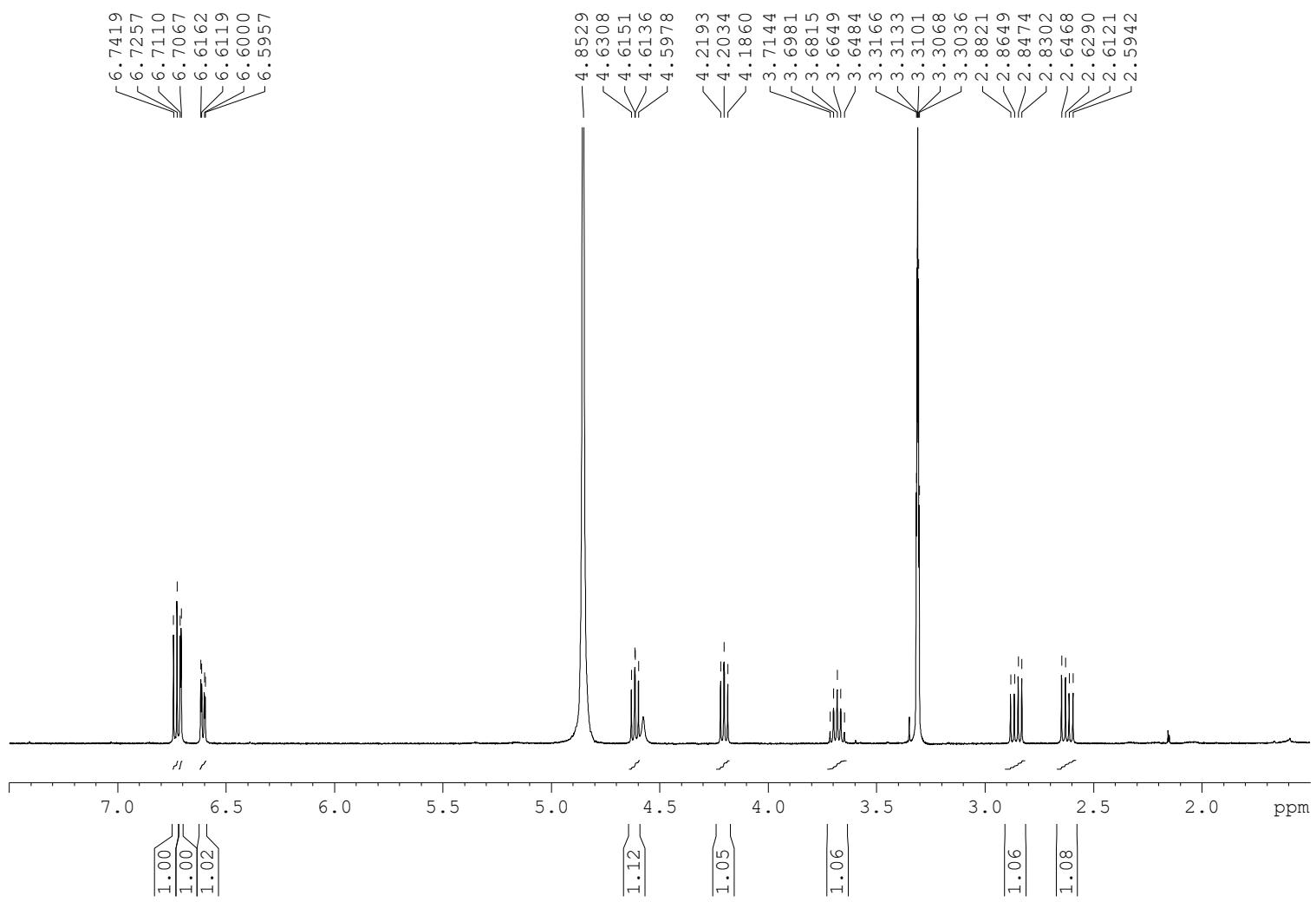


Figure S3. ^1H NMR spectrum of compound **1** in methanol- d_4 .

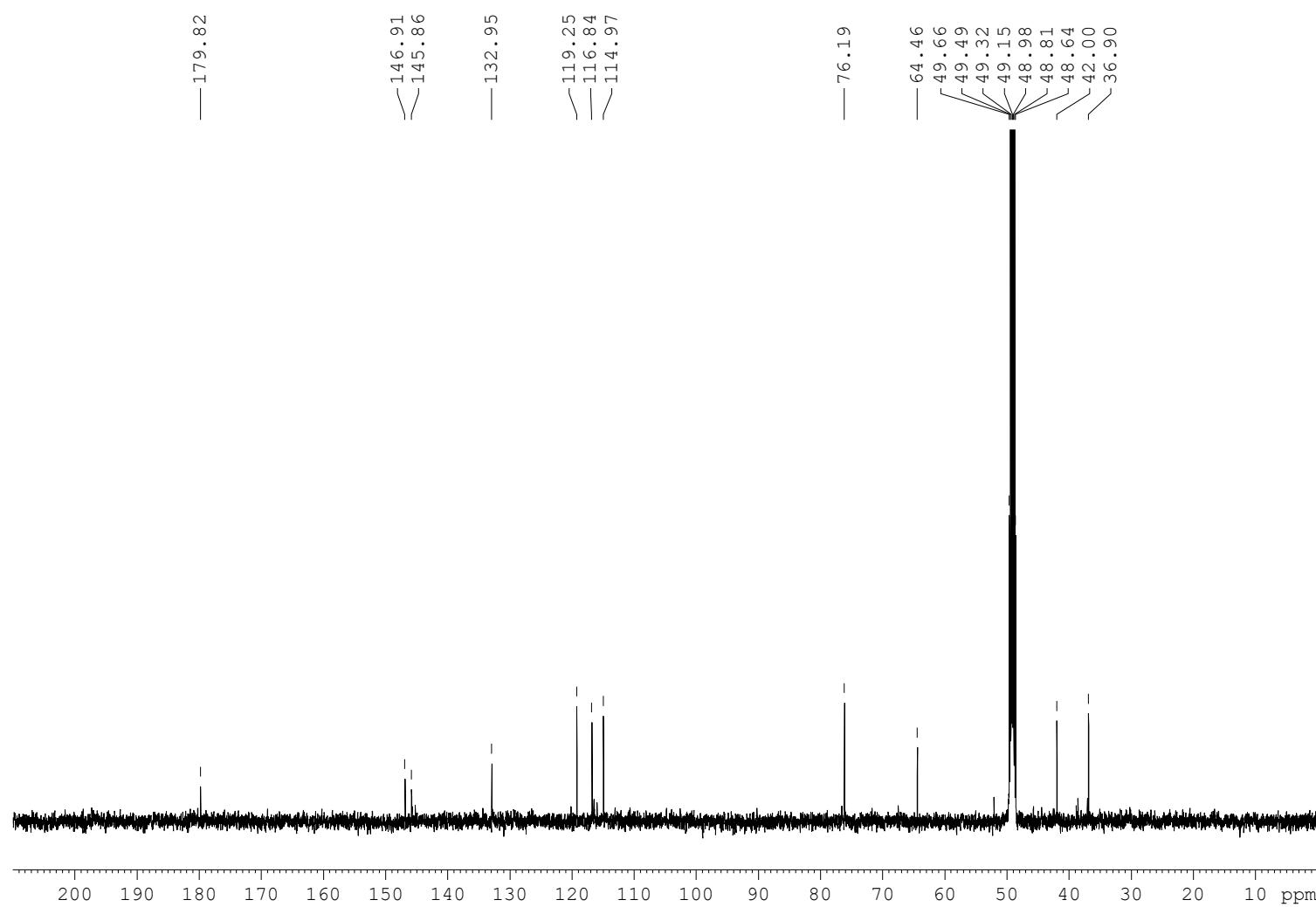


Figure S4. ^{13}C NMR spectrum of compound **1** in methanol- d_4 .

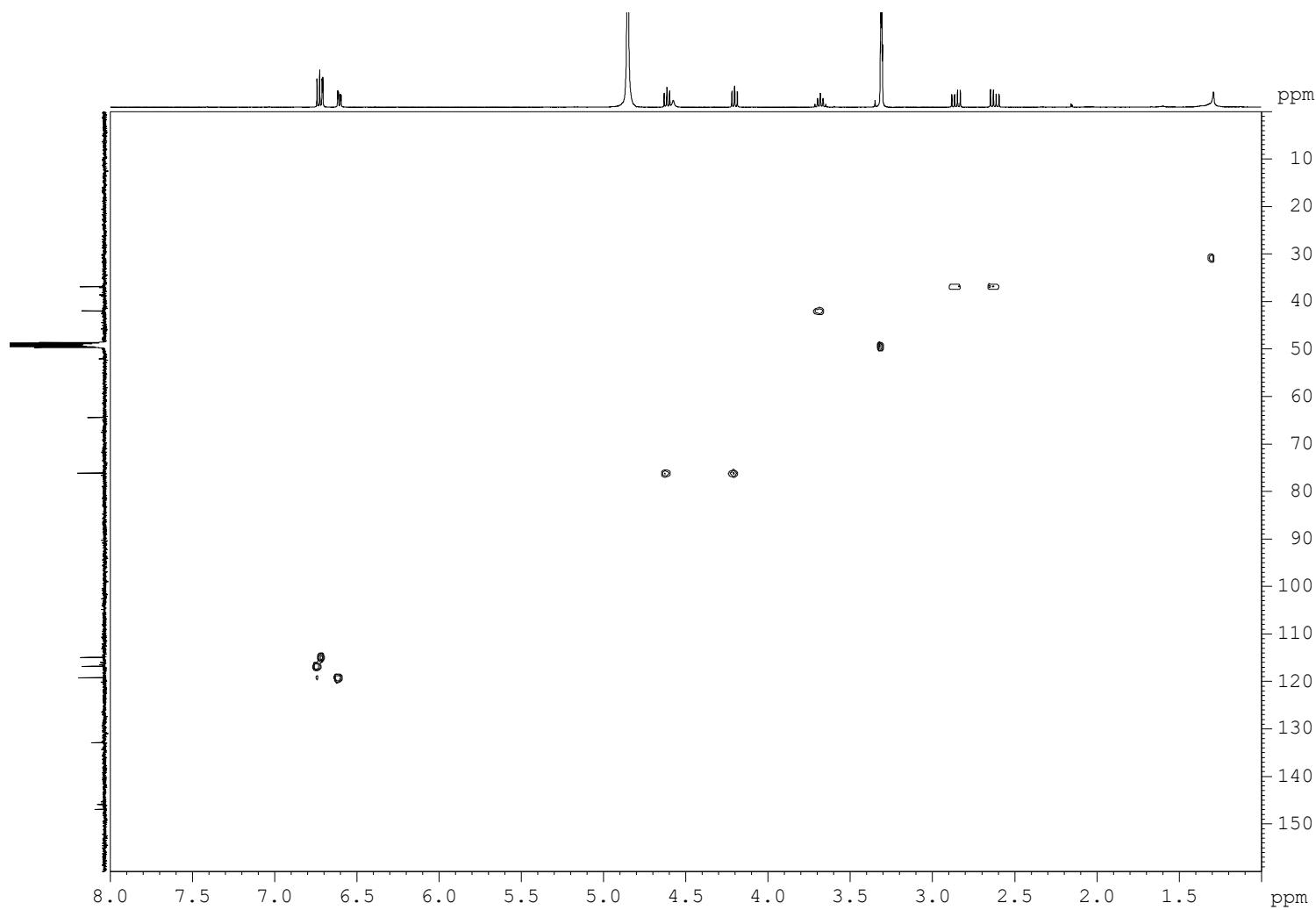


Figure S5. HSQC spectrum of compound **1** in methanol-*d*₄.

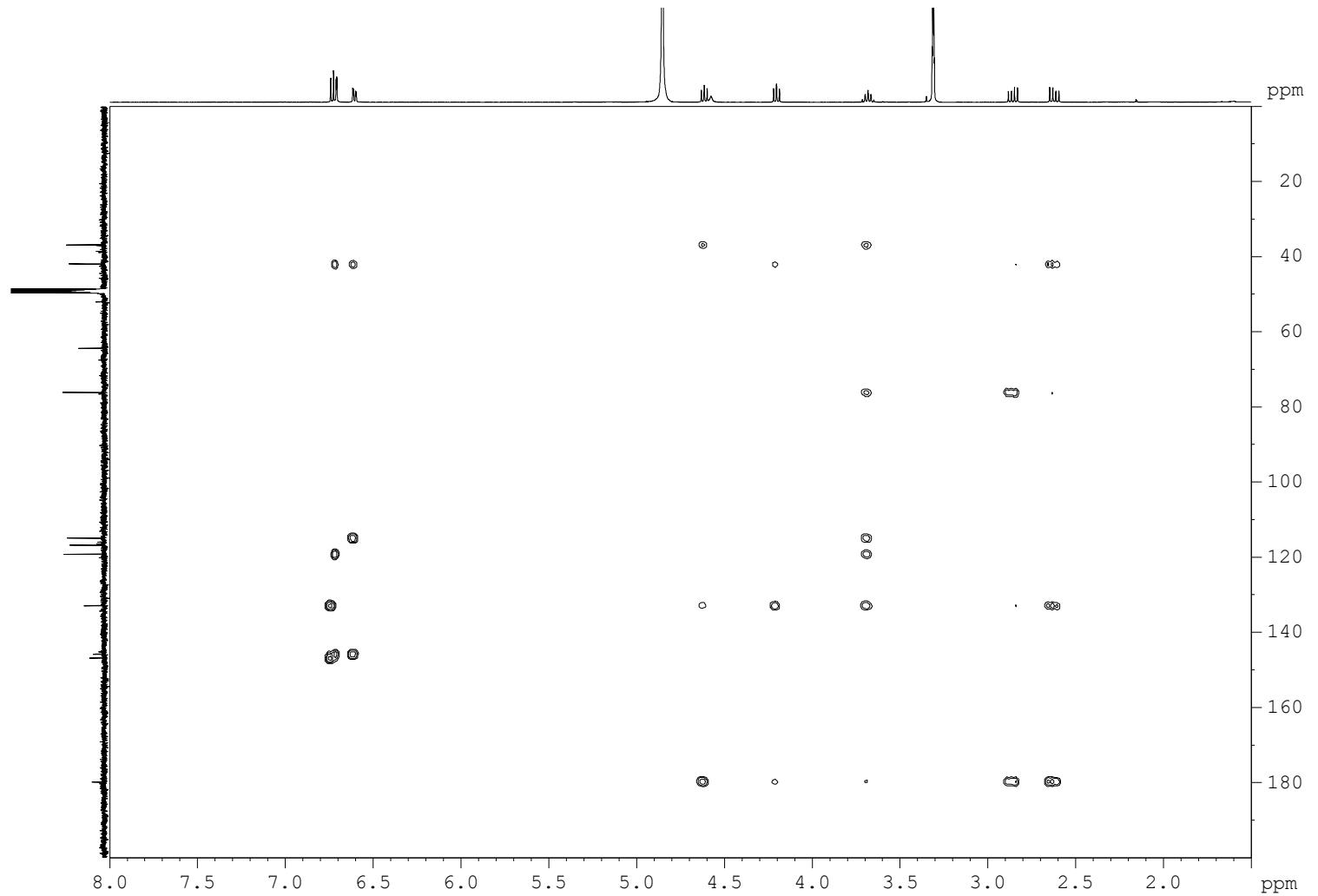


Figure S6. HMBC spectrum of compound **1** in methanol-*d*₄.

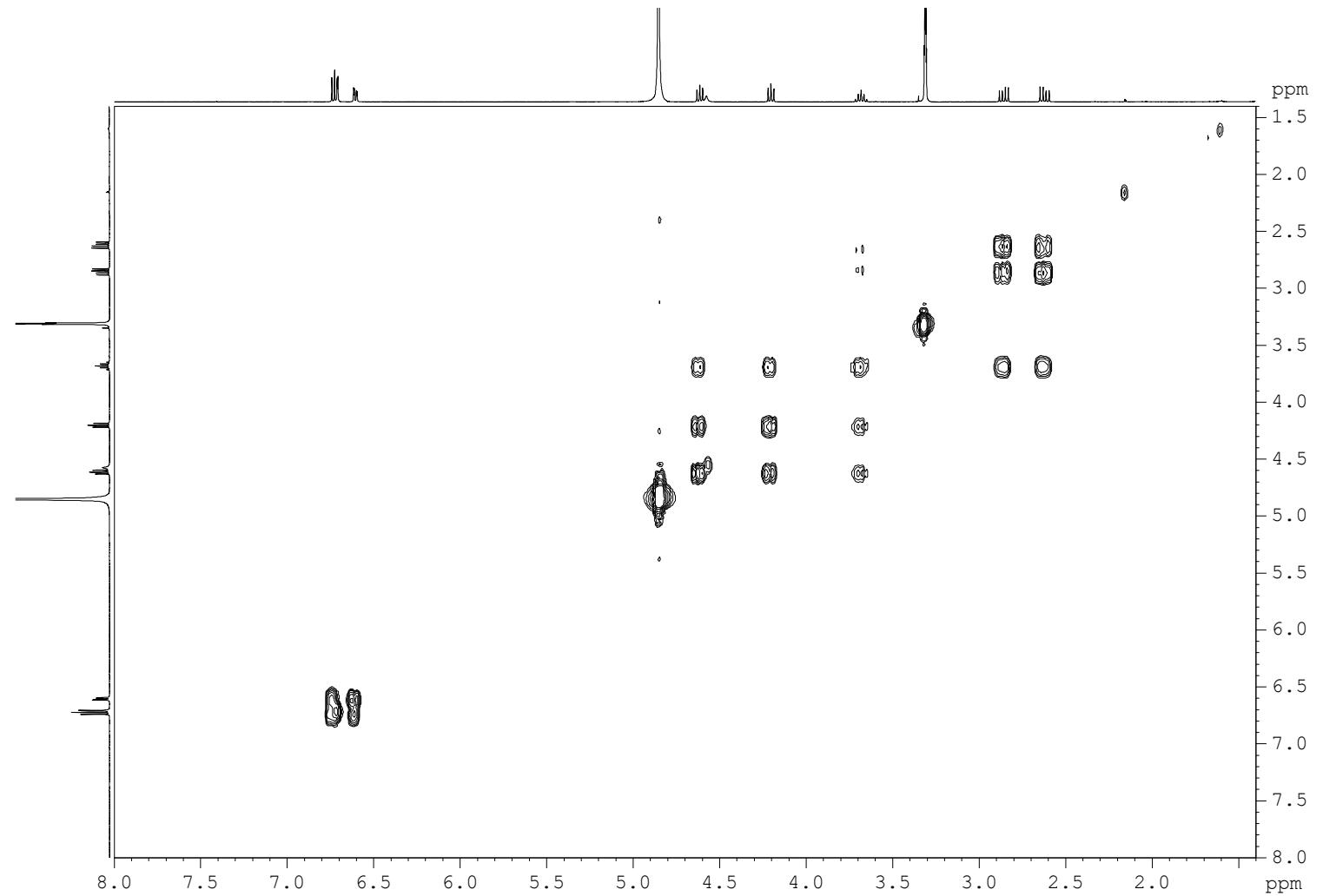


Figure S7. COSY spectrum of compound **1** in methanol-*d*₄.

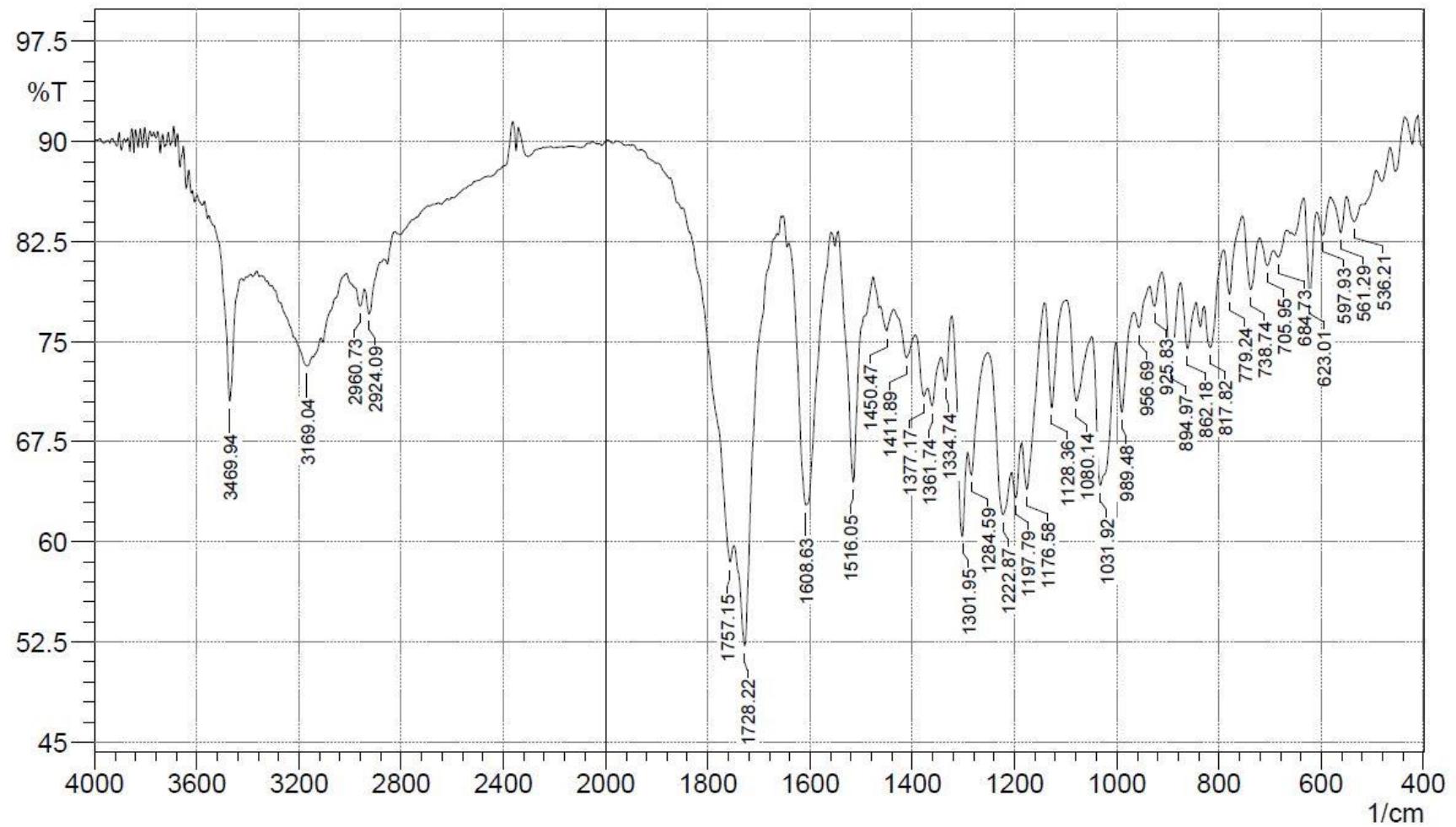


Figure S8. IR spectrum of compound 2.

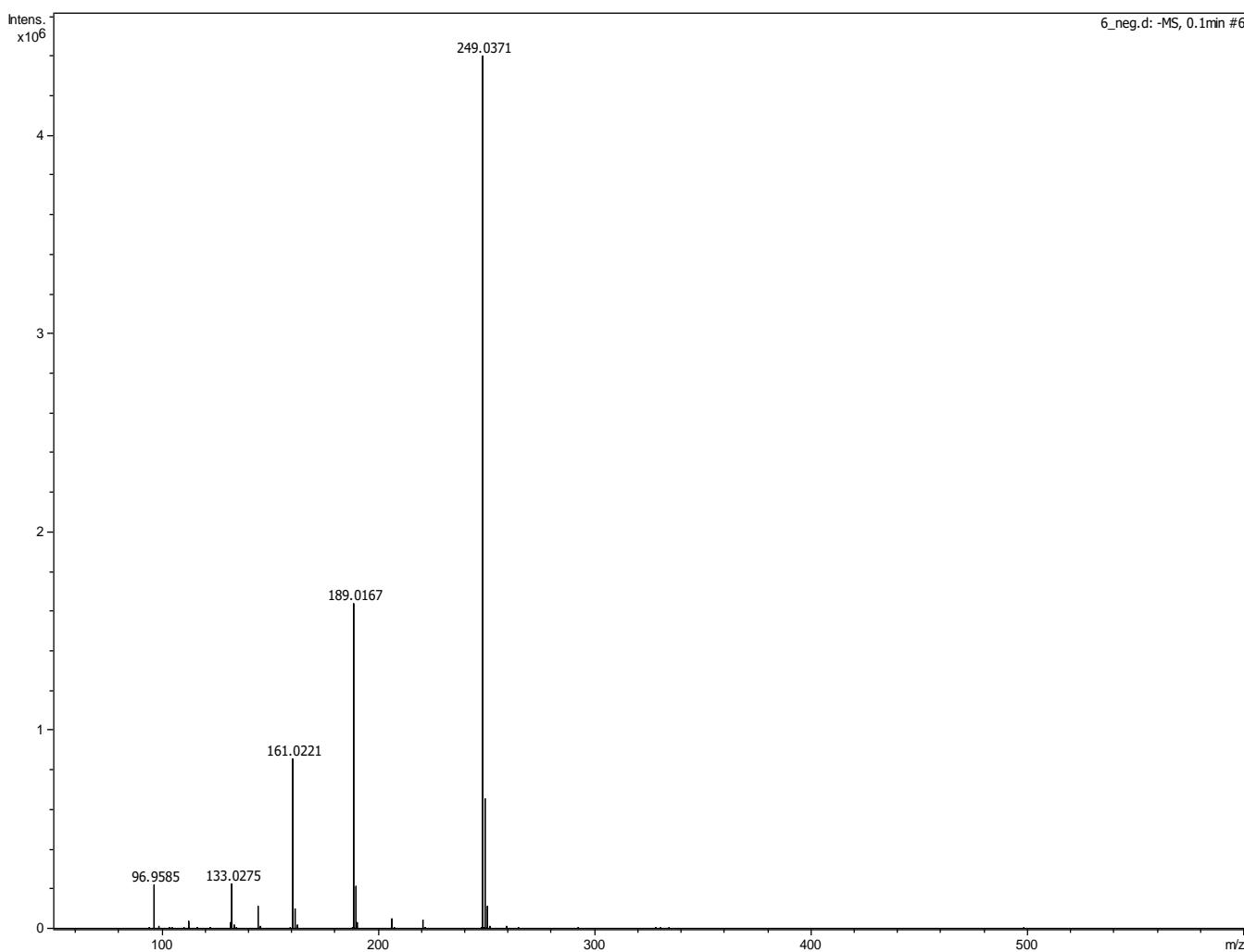


Figure S9. HRESIMS data of compound 2.

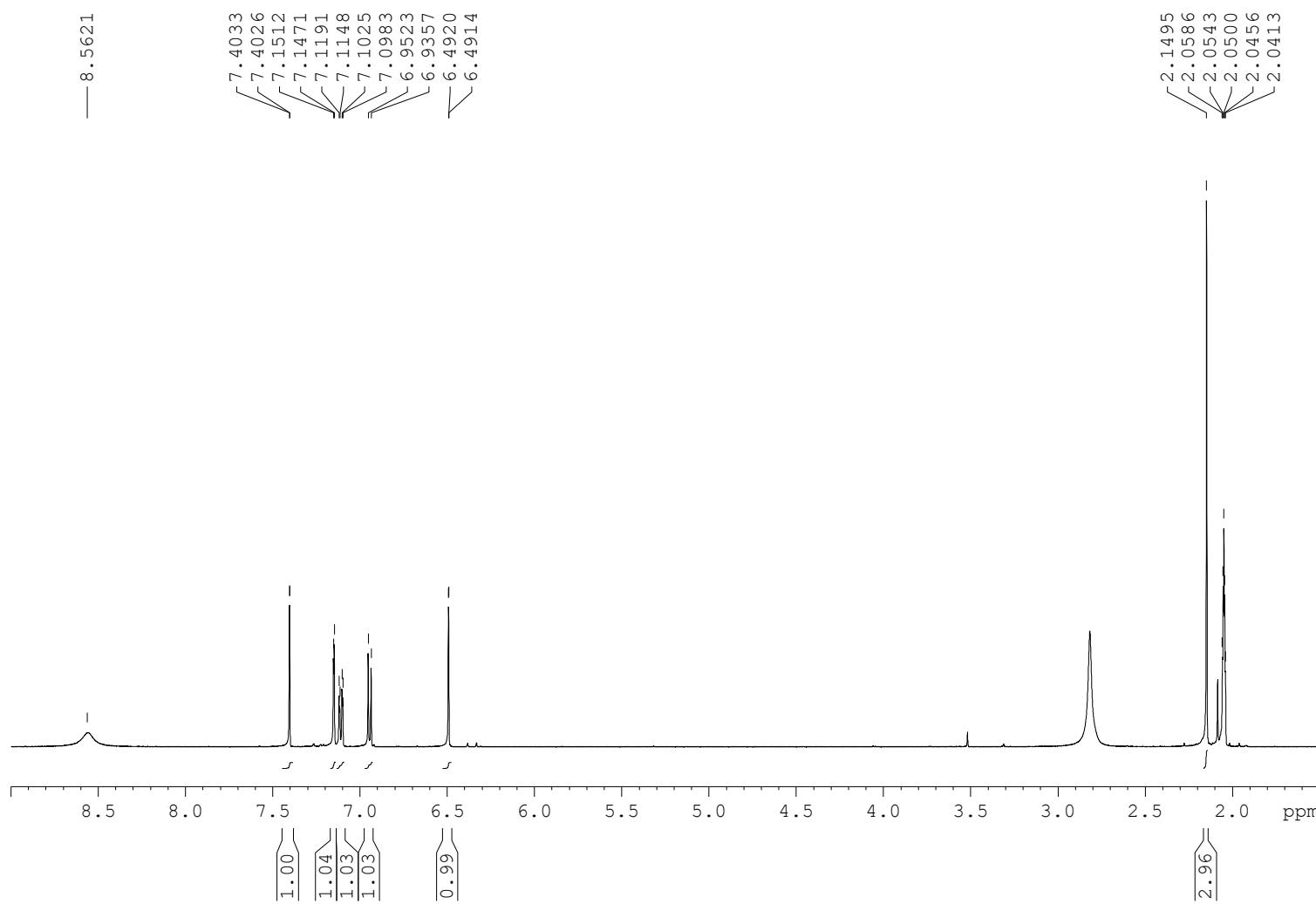


Figure S10. ^1H NMR spectrum of compound **2** in acetone- d_6 .

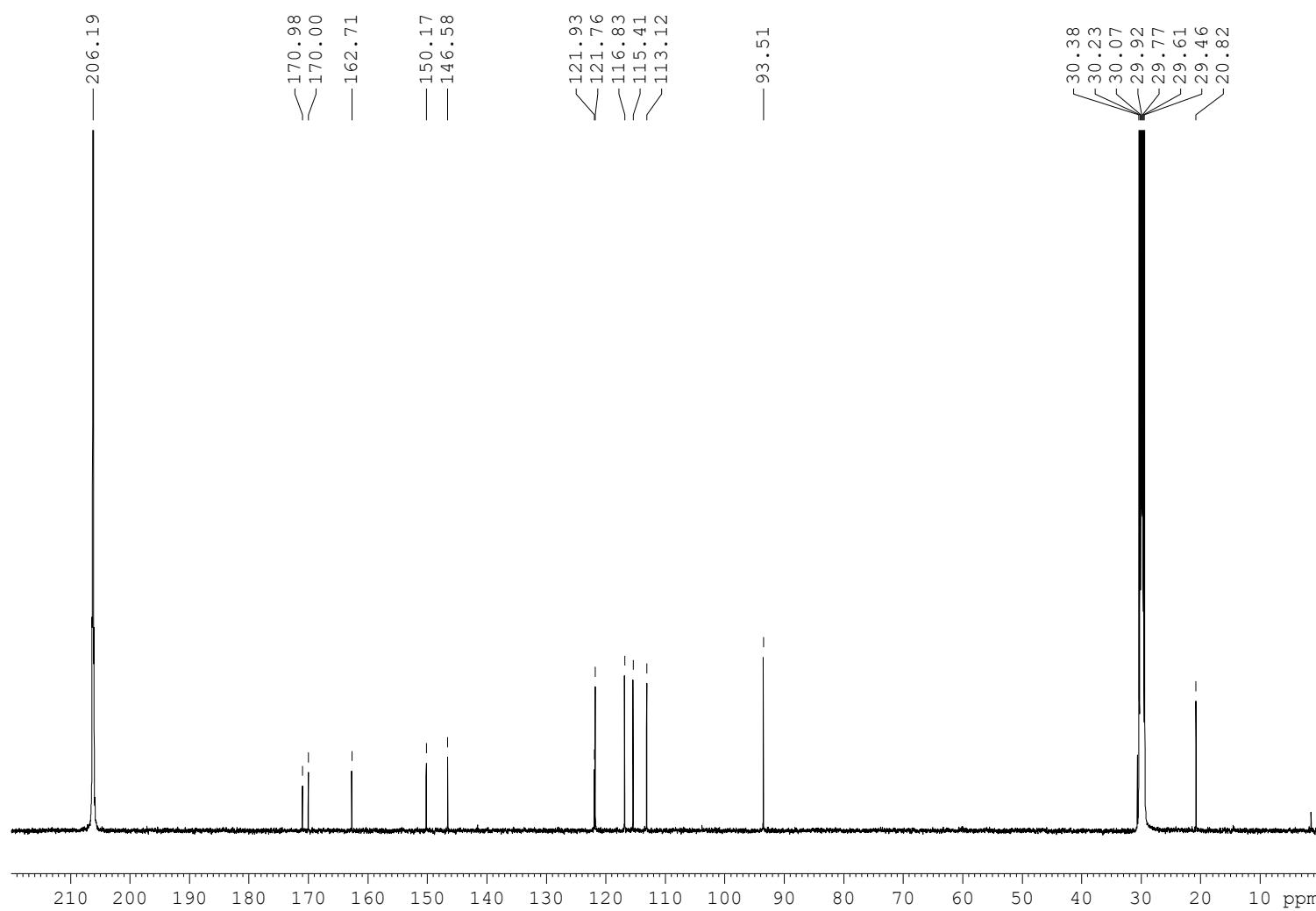


Figure S11. ^{13}C NMR spectrum of compound 2 in acetone- d_6 .

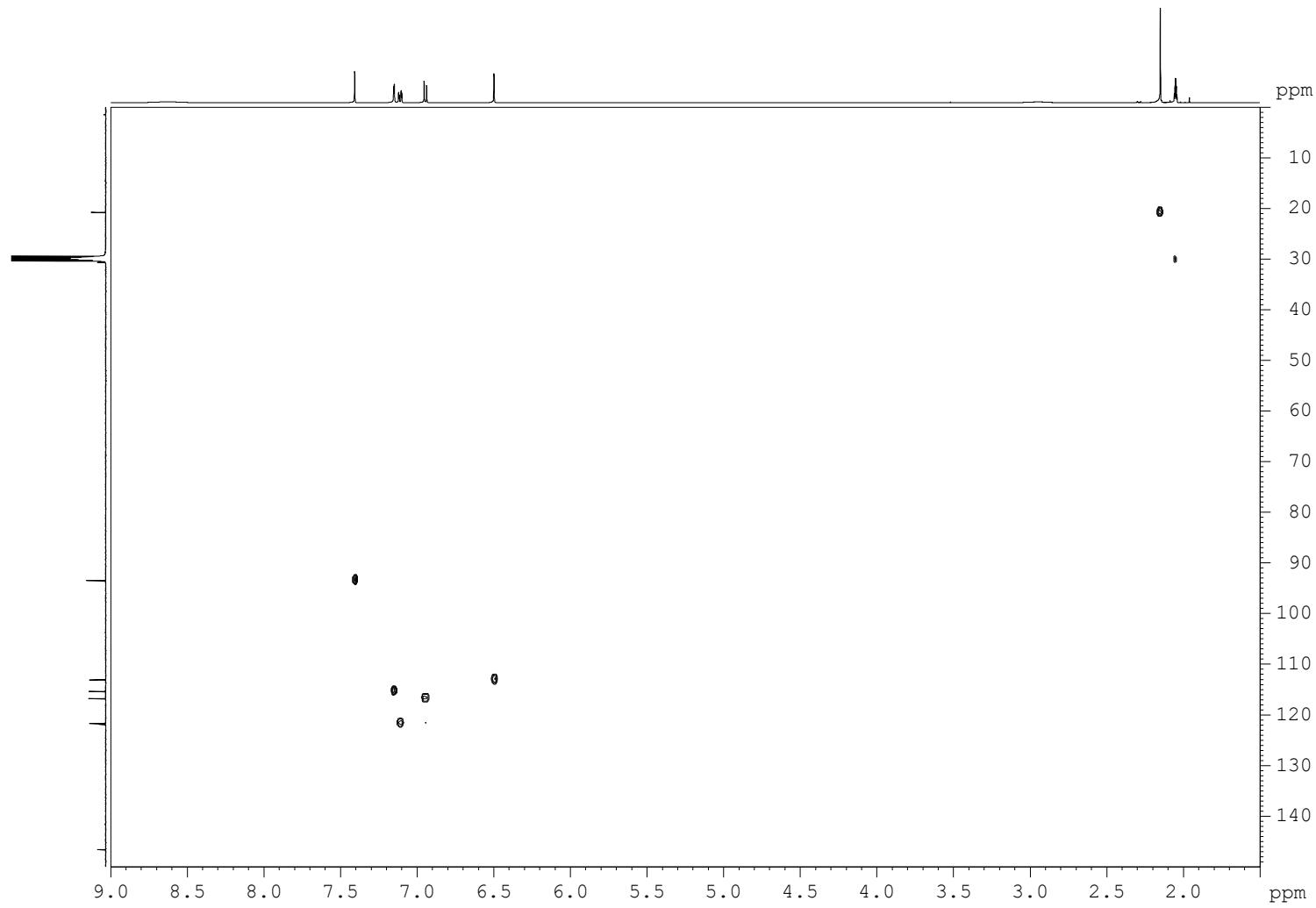


Figure S12. HSQC spectrum of compound **2** in acetone-*d*₆.

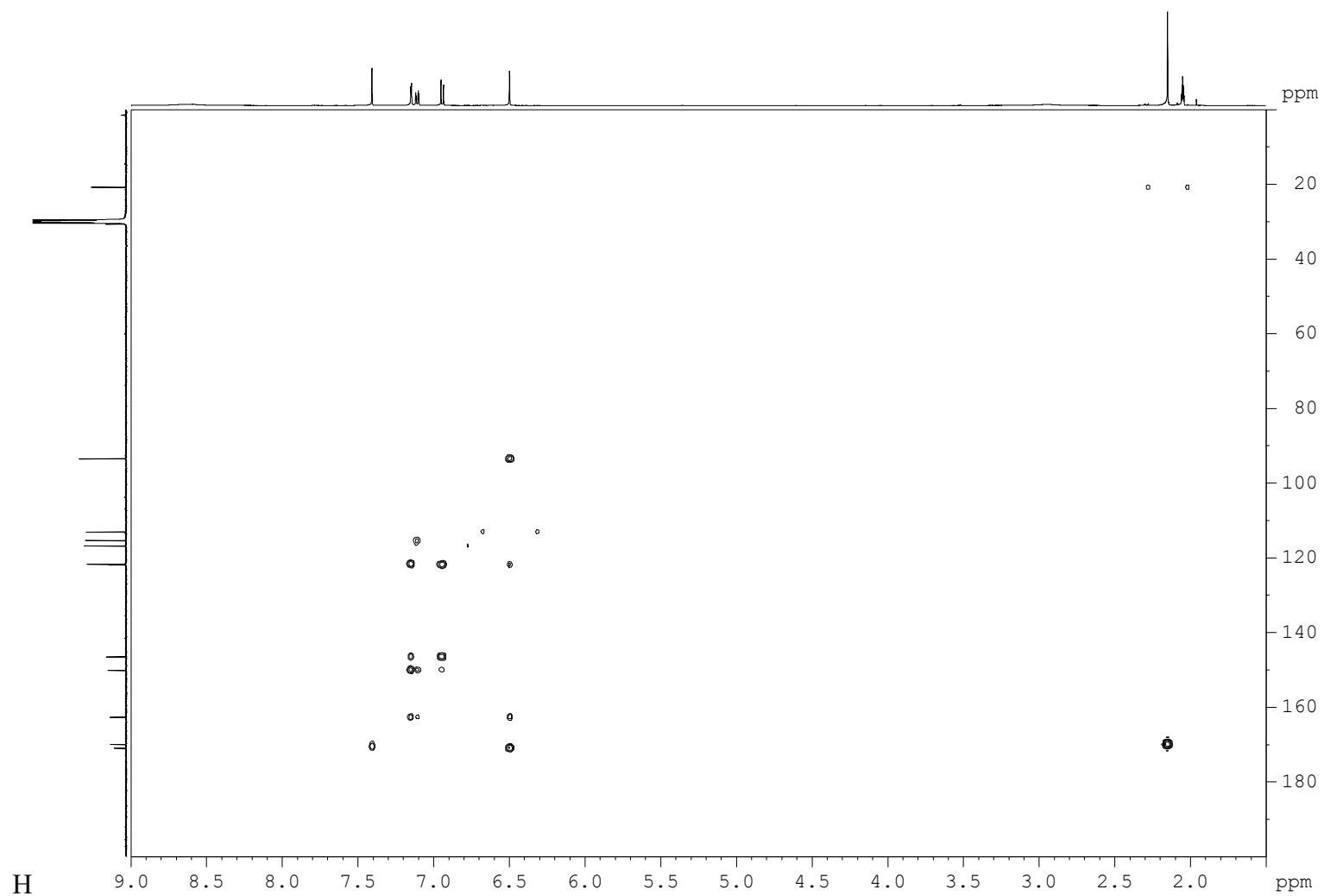
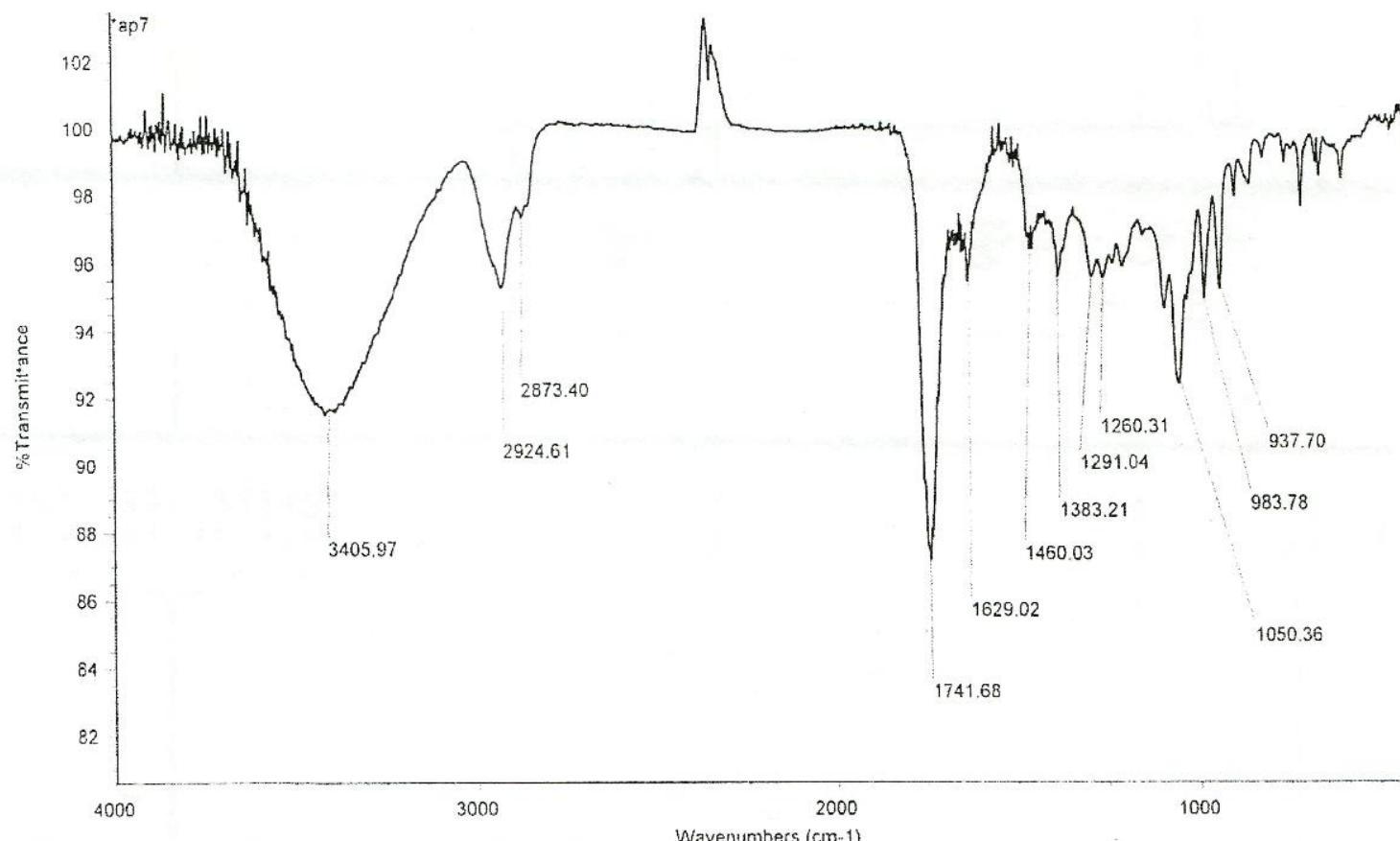


Figure S13. HMBC spectrum of compound **2** in acetone-*d*₆.



Date: Sun Jun 01 10:39:43 2008

*ap7

Scans: 32

Resolution: 4.000

Figure S14. IR spectrum of compound 11.

0519h04rr-av1 #1 RT: 0.05 AV: 1 NL: 2.62E6
T: [187.50-237.50]

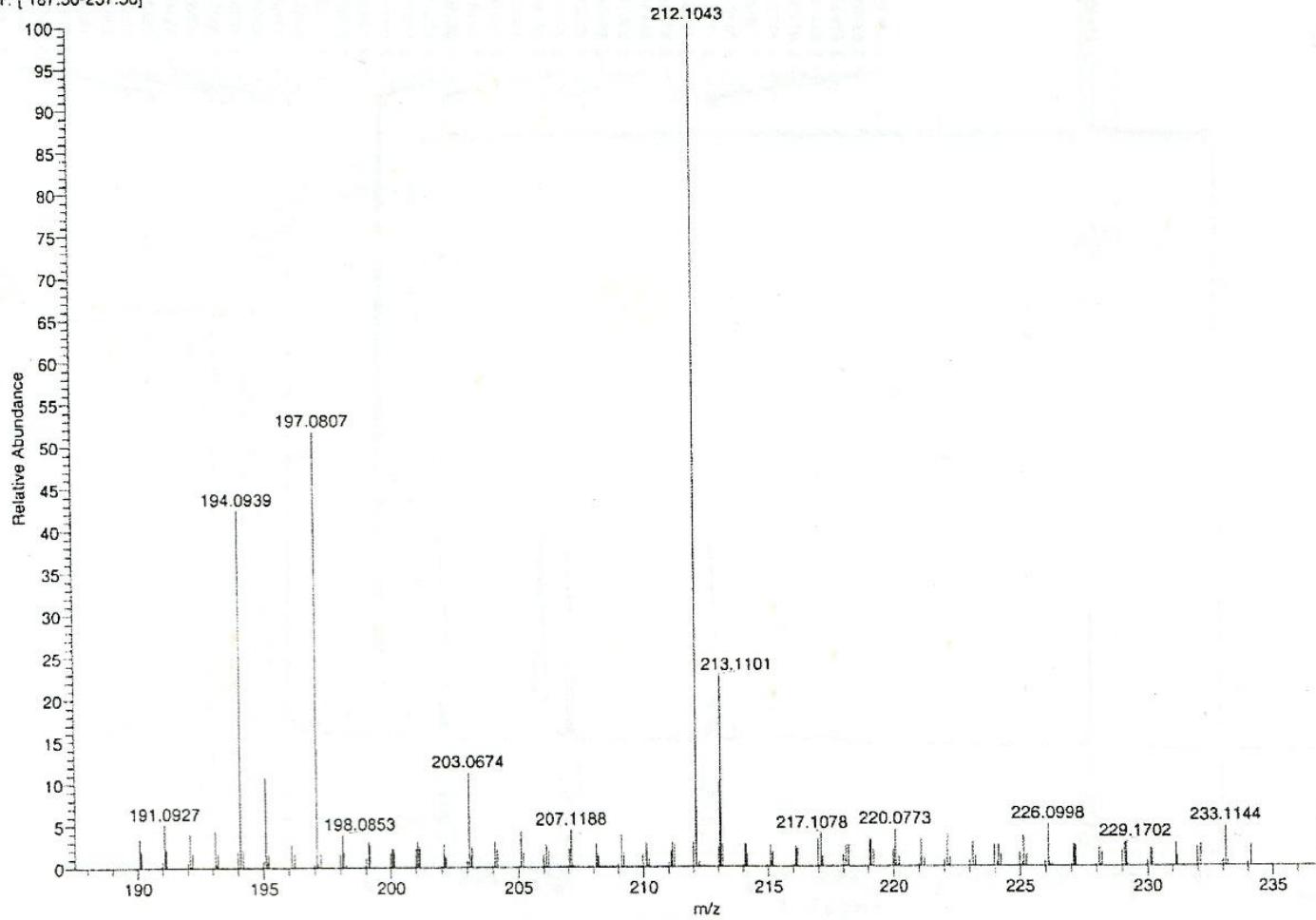


Figure S15. HRESIMS data of compound 11.

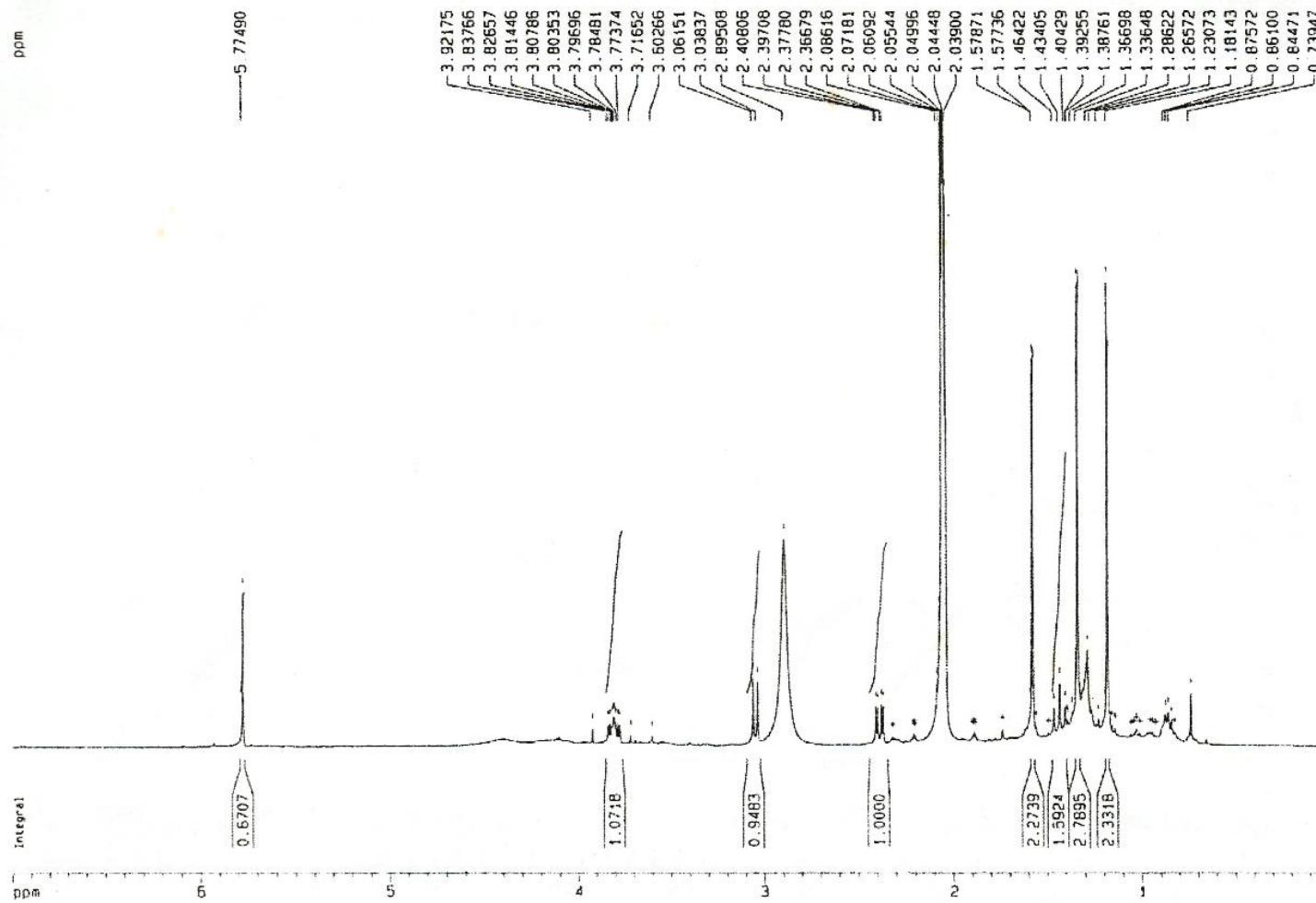


Figure S16. ¹H NMR spectrum of compound 11 in acetone-*d*₆.

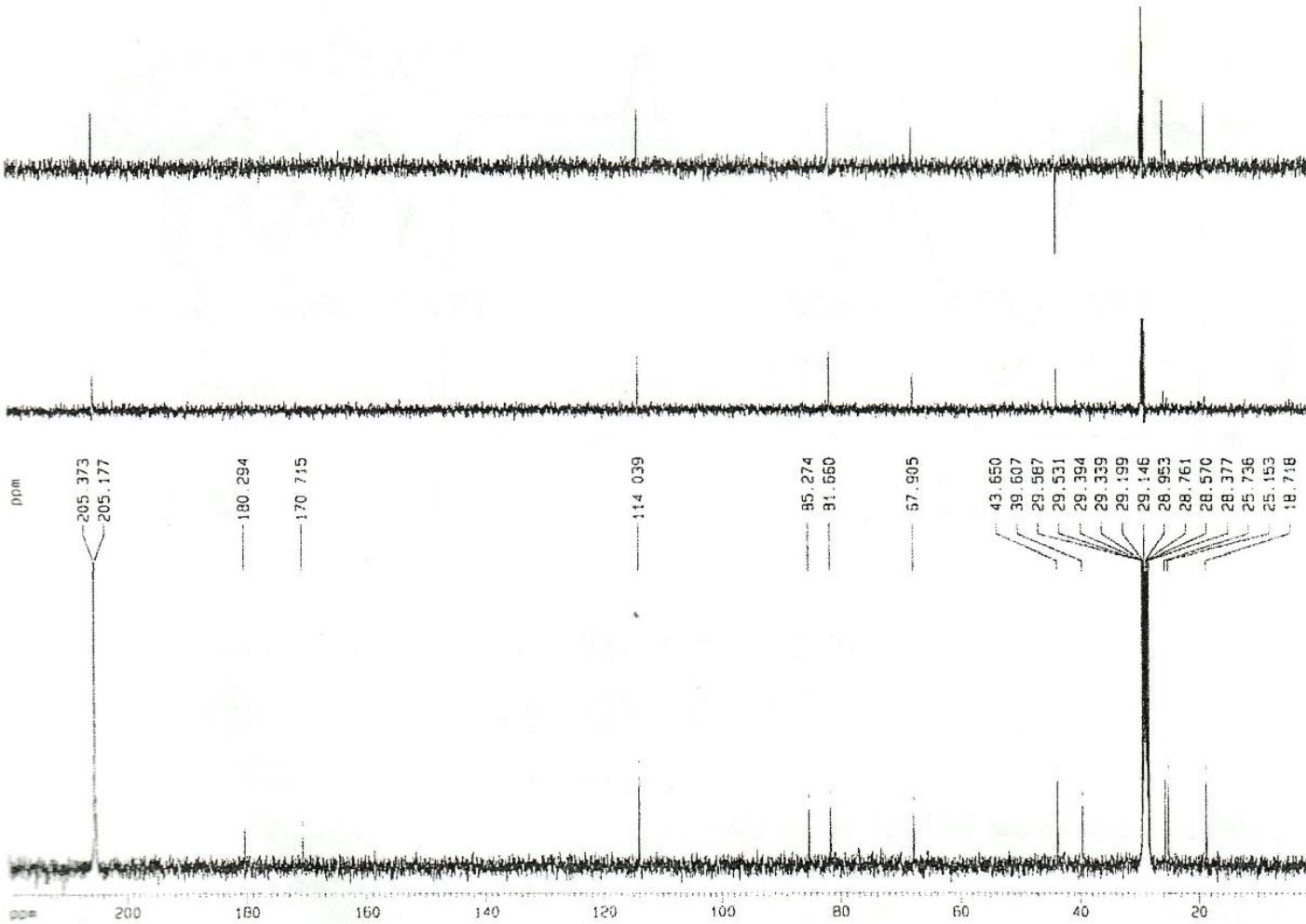


Figure S17. ¹³C NMR spectrum and DEPT spectrum of compound **11** in acetone-*d*₆.

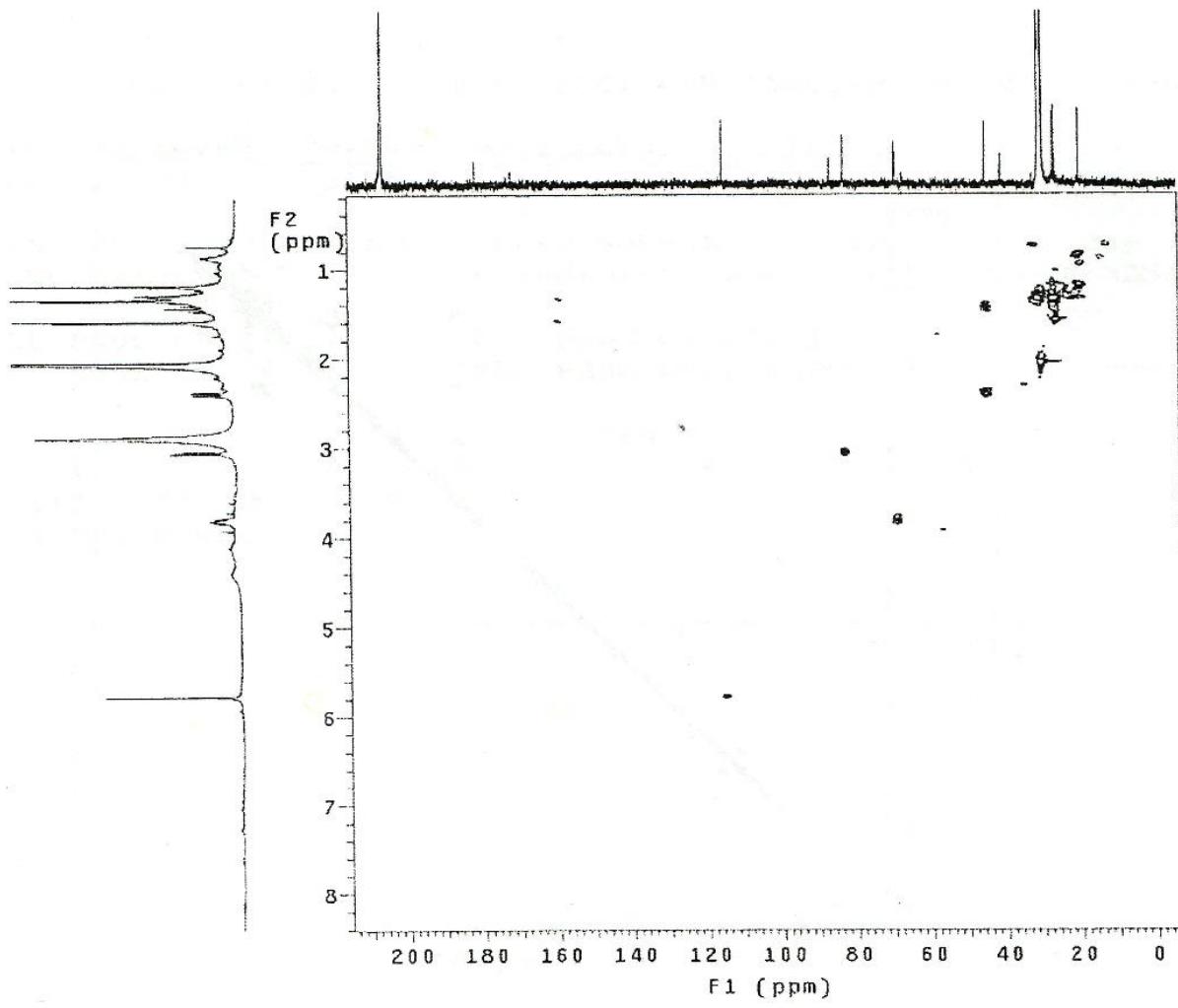


Figure S18. HSQC spectrum of compound **11** in acetone-*d*₆.

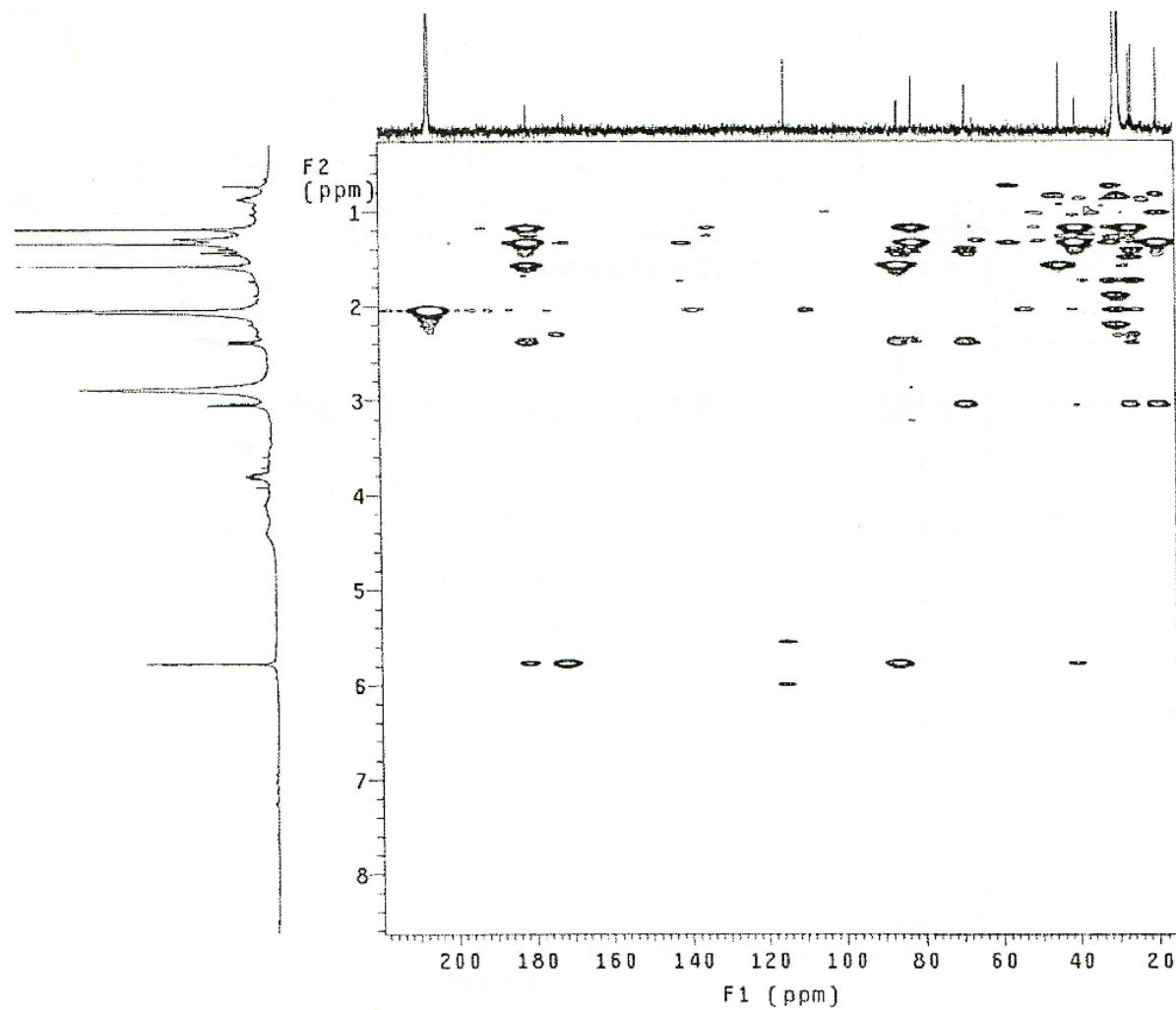


Figure S19. HMBC spectrum of compound **11** in acetone-*d*₆.

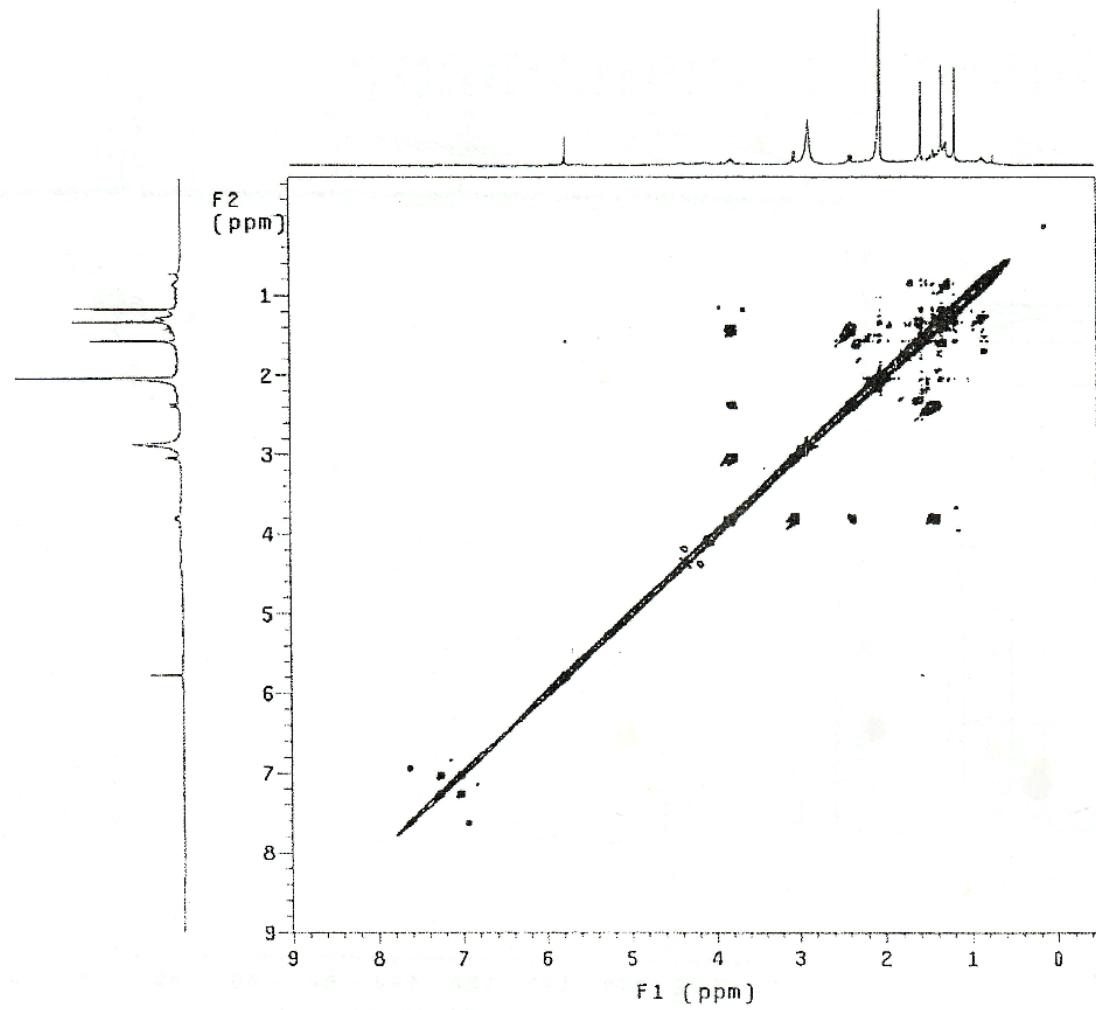


Figure S20. COSY spectrum of compound **11** in acetone-*d*₆.

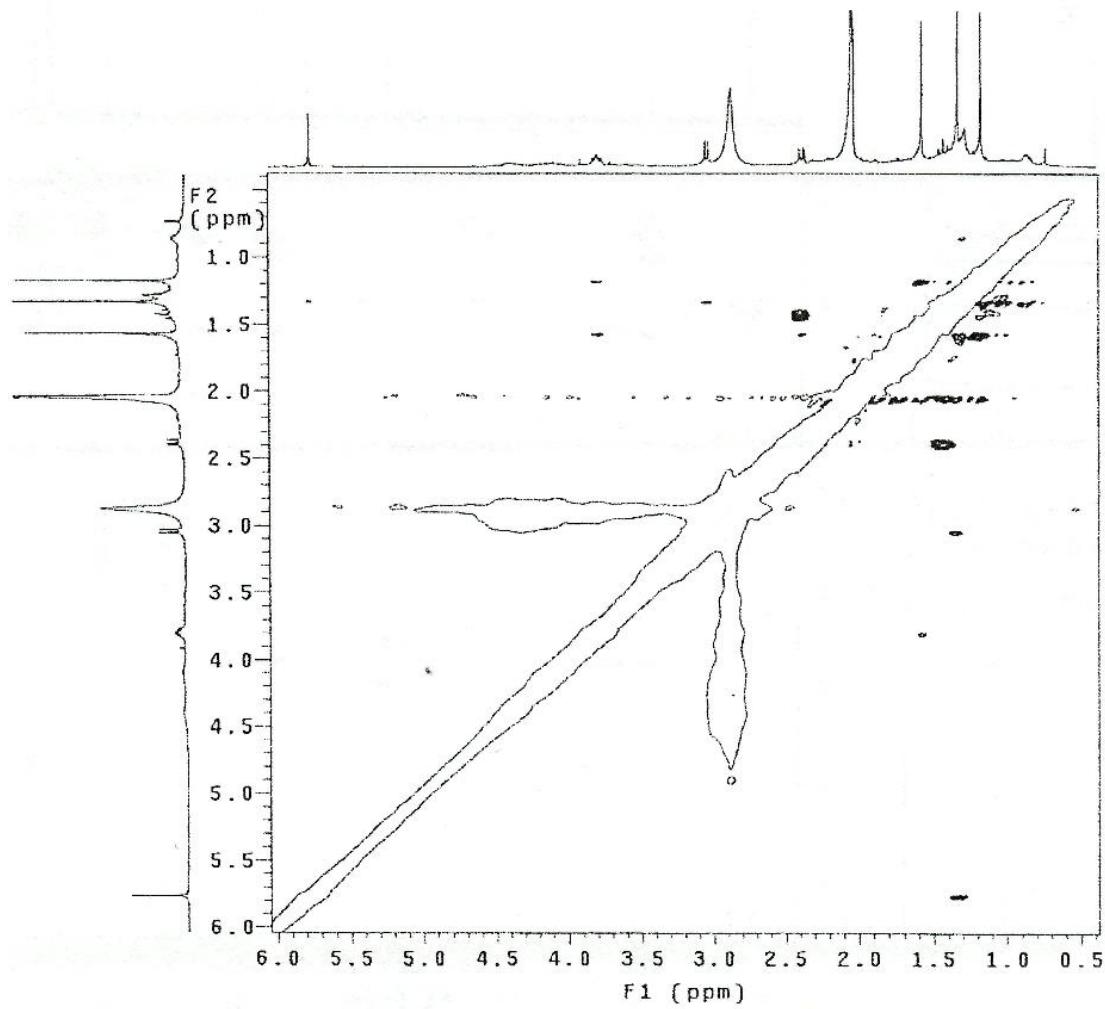


Figure S21. NOESY spectrum of compound **11** in acetone-*d*₆.

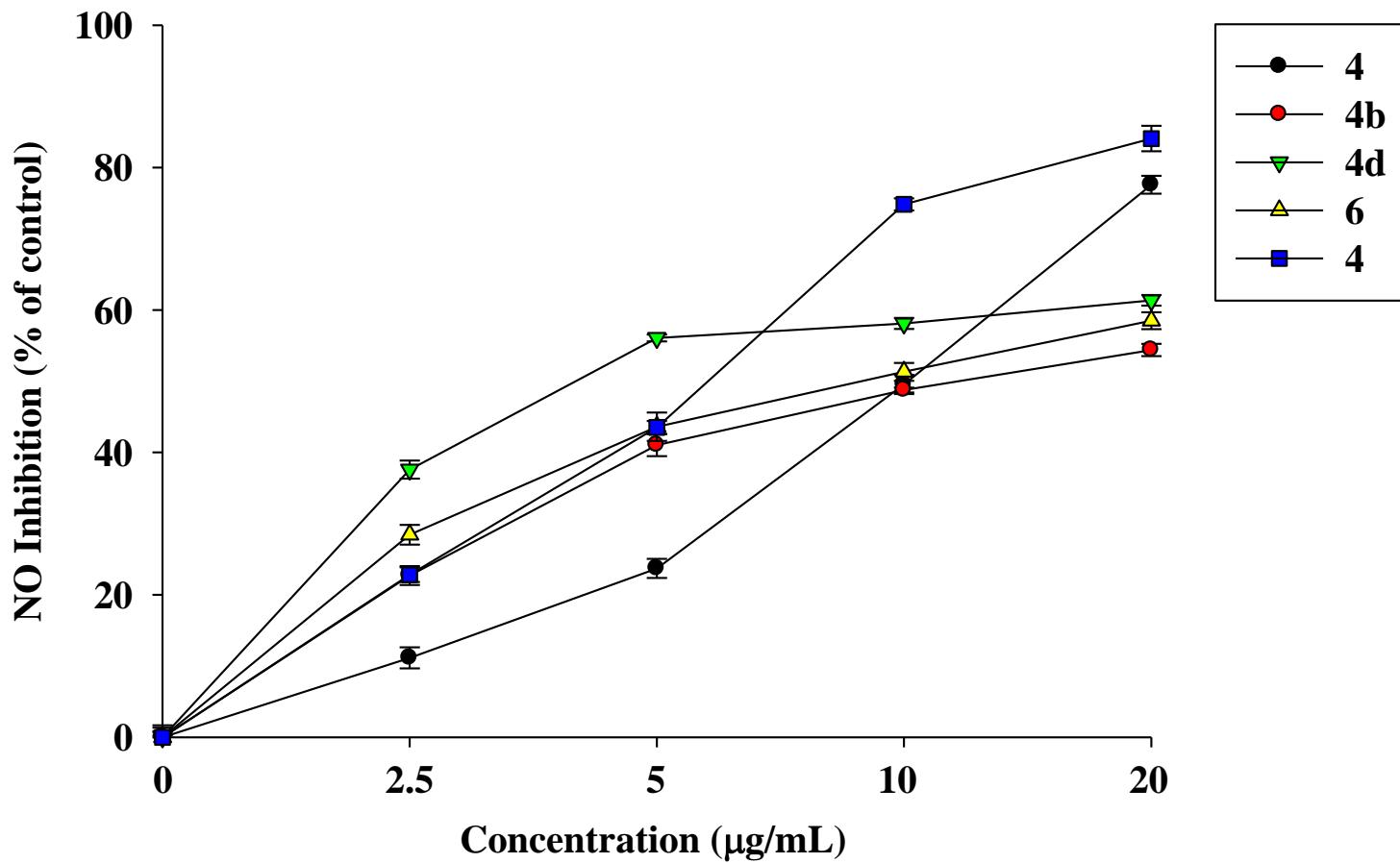


Figure S22. Effects of compounds **4**, **4b**, **4d**, **6**, and **7** on NO production in LPS-stimulated RAW 264.7 macrophages

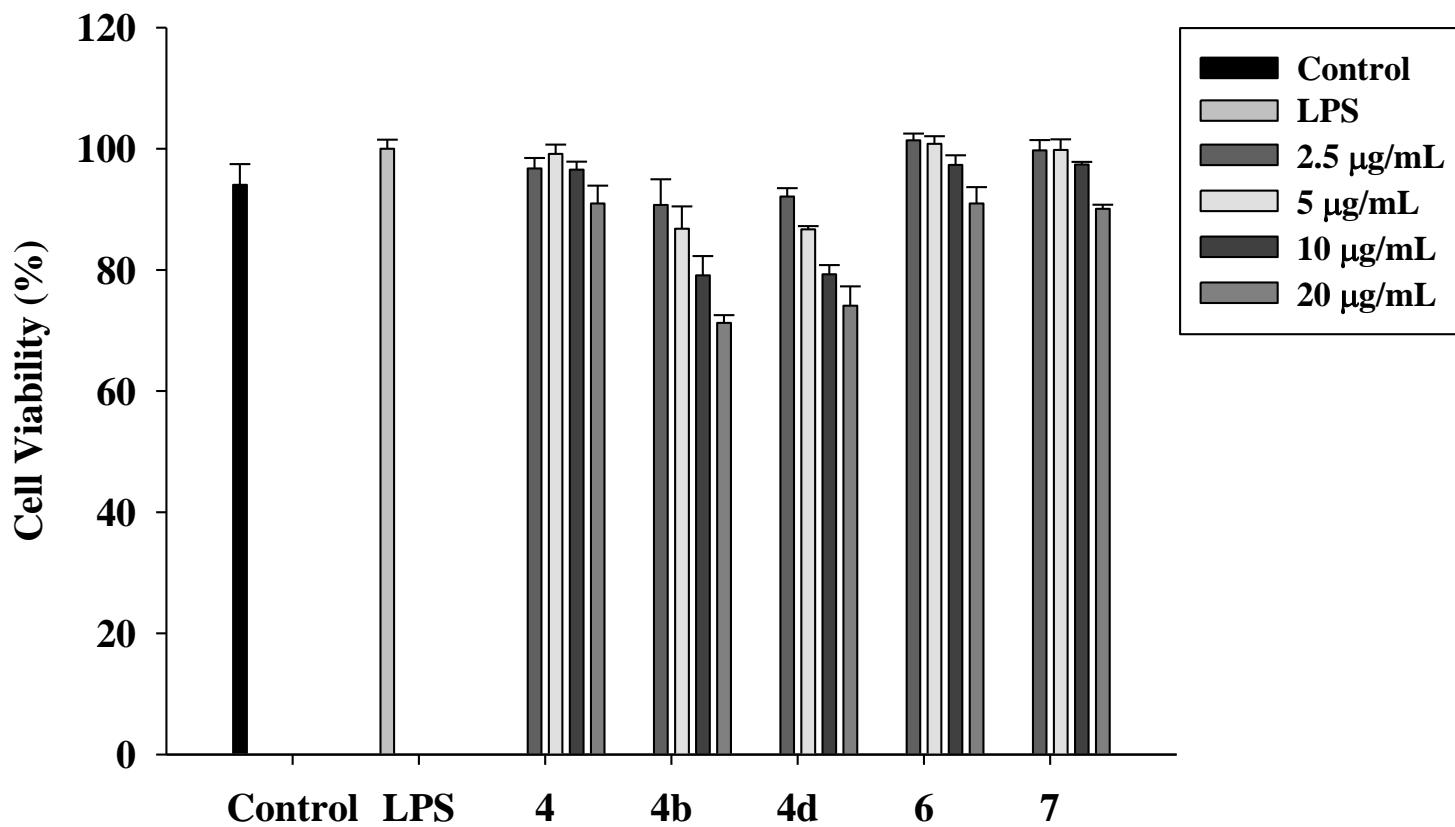


Figure S23. Effects of compounds **4**, **4b**, **4d**, **6**, and **7** on cell viability of RAW 264.7 macrophages.