

Supplemental data

Perangustols A and B, a pair of new azaphilone diastereomers from a marine sediment-derived fungus *Cladosporium perangustum* FS62

List of Supporting Information

- Figure S1.** ^1H NMR spectrum of Perangustol A (**1**) in CD_3OD .
- Figure S2.** ^{13}C NMR spectrum of Perangustol A (**1**) in CD_3OD .
- Figure S3.** HSQC spectrum of Perangustol A (**1**) in CD_3OD .
- Figure S4.** HMBC spectrum of Perangustol A (**1**) in CD_3OD .
- Figure S5.** ^1H - ^1H COSY spectrum of Perangustol A (**1**) in CD_3OD .
- Figure S6.** NOESY spectrum of Perangustol A (**1**) in CD_3OD .
- Figure S7.** HRESIMS spectrum of Perangustol A (**1**).
- Figure S8.** ESI-MS spectrum of Perangustol A (**1**).
- Figure S9.** ^1H NMR spectrum of Perangustol B (**2**) in CD_3OD .
- Figure S10.** ^{13}C NMR spectrum of Perangustol B (**2**) in CD_3OD .
- Figure S11.** HSQC spectrum of Perangustol B (**2**) in CD_3OD .
- Figure S12.** HMBC spectrum of Perangustol B (**2**) in CD_3OD .
- Figure S13.** ^1H - ^1H COSY spectrum of Perangustol B (**2**) in CD_3OD .
- Figure S14.** NOESY spectrum of Perangustol B (**2**) in CD_3OD .
- Figure S15.** HRESIMS spectrum of Perangustol B (**2**).
- Figure S16.** ESI-MS spectrum of Perangustol B (**2**).
- Figure S17.** ^1H NMR spectrum of compound **3** in CD_3OD .
- Figure S18.** ^{13}C NMR spectrum of compound **3** in CD_3OD .
- Figure S19.** ESI-MS spectrum of compound **3**.
- Figure S20.** ^1H NMR spectrum of compound **4** in CD_3OD .
- Figure S21.** ESI-MS spectrum of compound **4**.
- Figure S22.** ^1H NMR spectrum of compound **5** in CD_3OD .
- Figure S23.** ^{13}C NMR spectrum of compound **5** in CD_3OD .

Figure S24. ^1H NMR spectrum of compound **6** in CD_3OD .

Figure S25. ^{13}C NMR spectrum of compound **6** in CD_3OD .

Figure S26. ESI-MS spectrum of compound **6**.

Figure S1. ^1H NMR spectrum of Perangustol A (**1**) in CD_3OD .

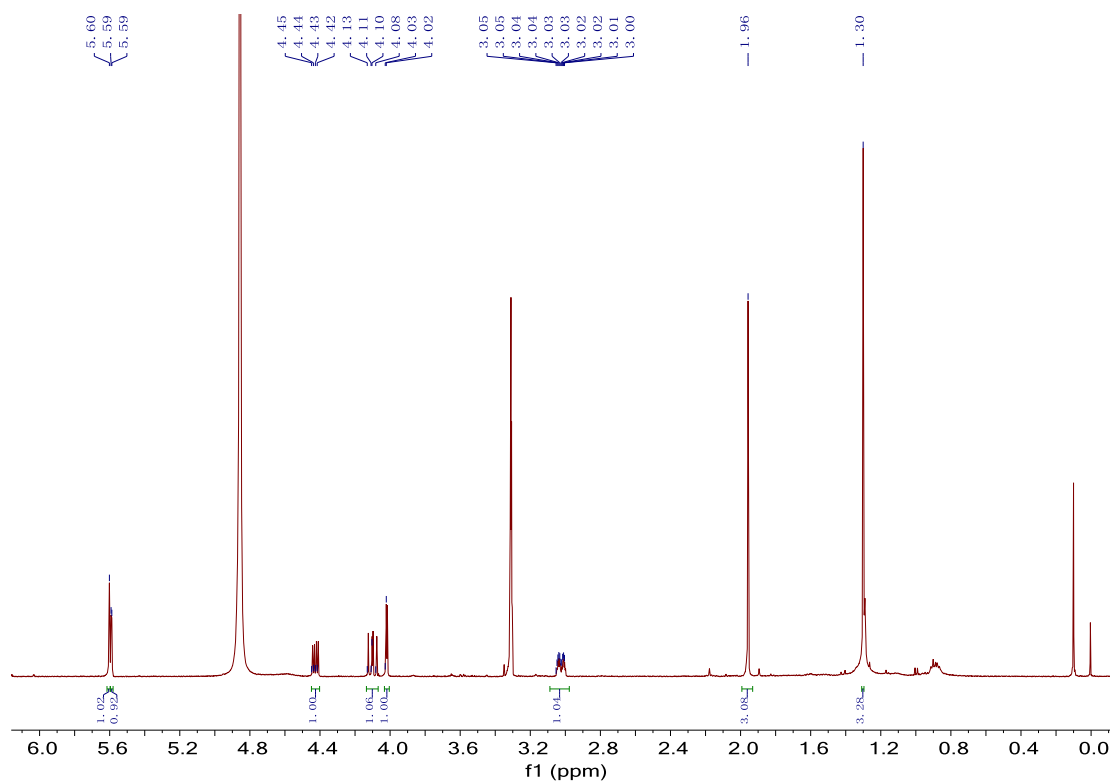


Figure S2. ^{13}C NMR spectrum of Perangustol A (**1**) in CD_3OD .

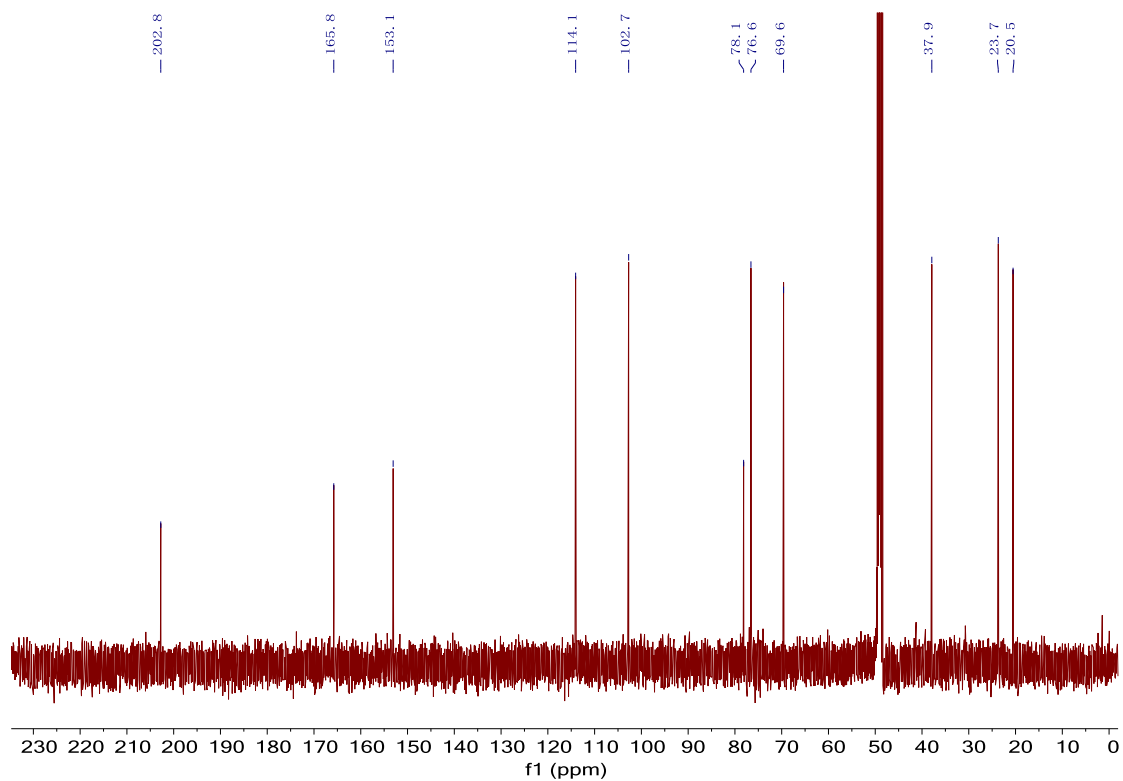


Figure S3. HSQC spectrum of Perangustol A (**1**) in CD₃OD.

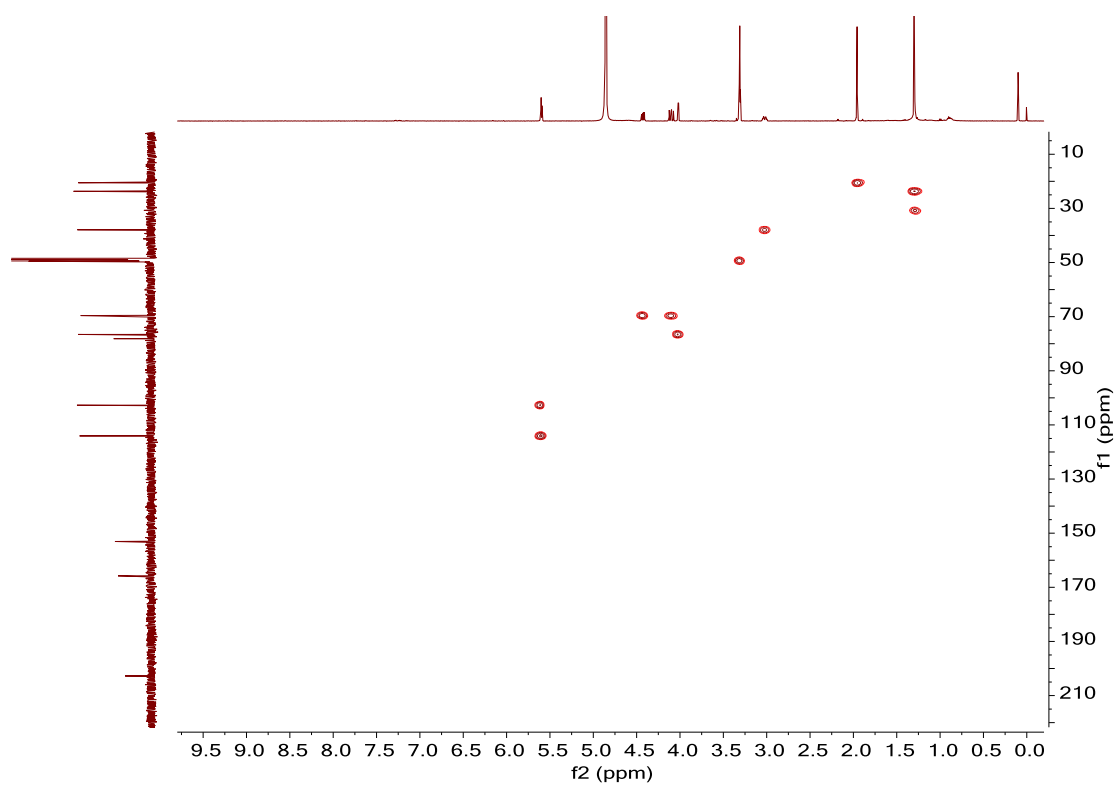


Figure S4. HMBC spectrum of Perangustol A (**1**) in CD₃OD.

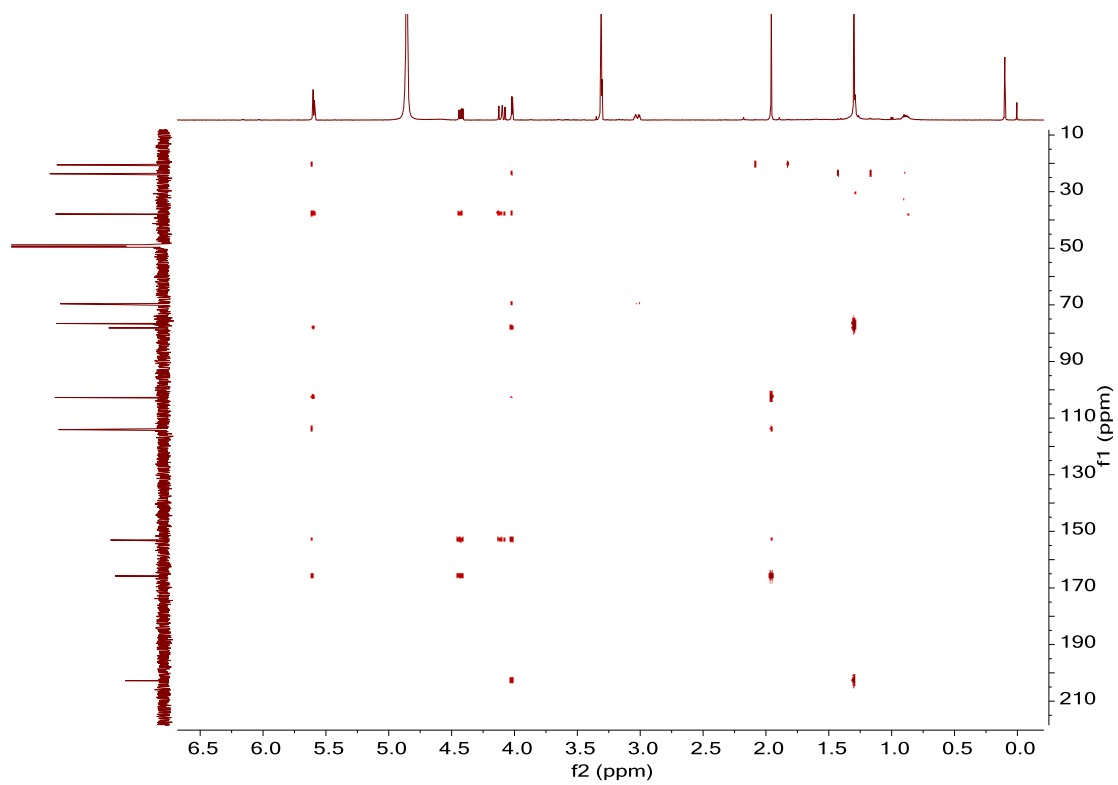


Figure S5. ^1H - ^1H COSY spectrum of Perangustol A (**1**) in CD_3OD .

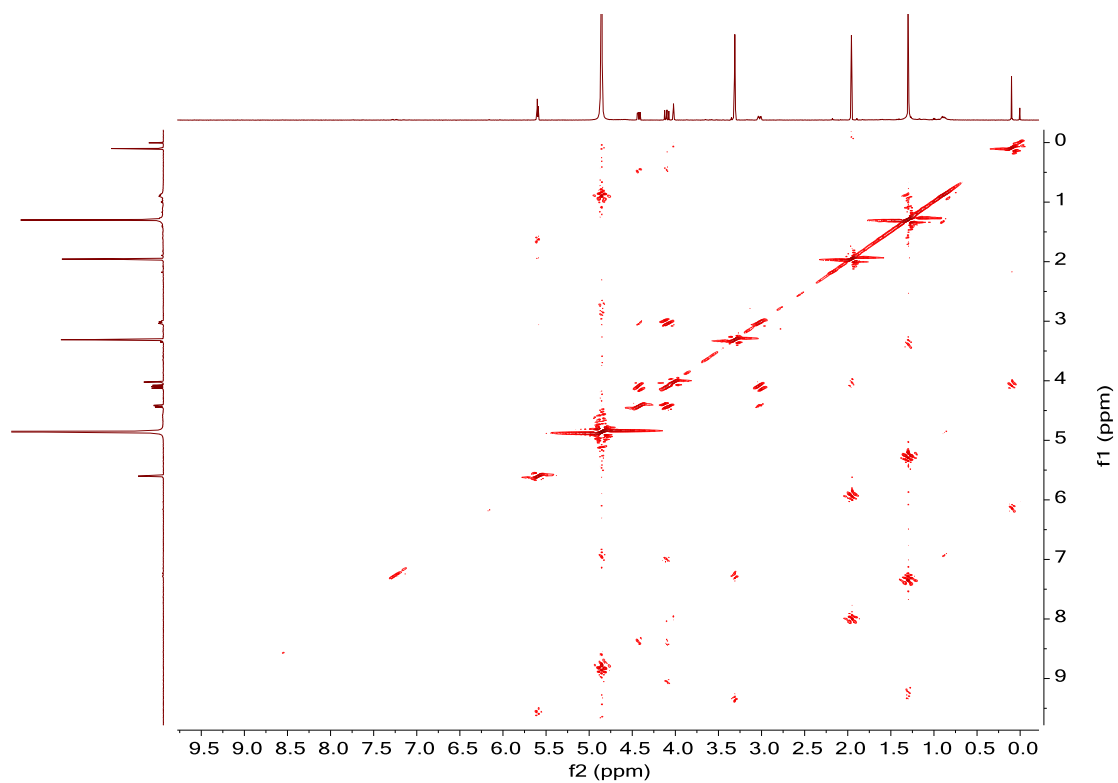


Figure S6. NOESY spectrum of Perangustol A (**1**) in CD_3OD .

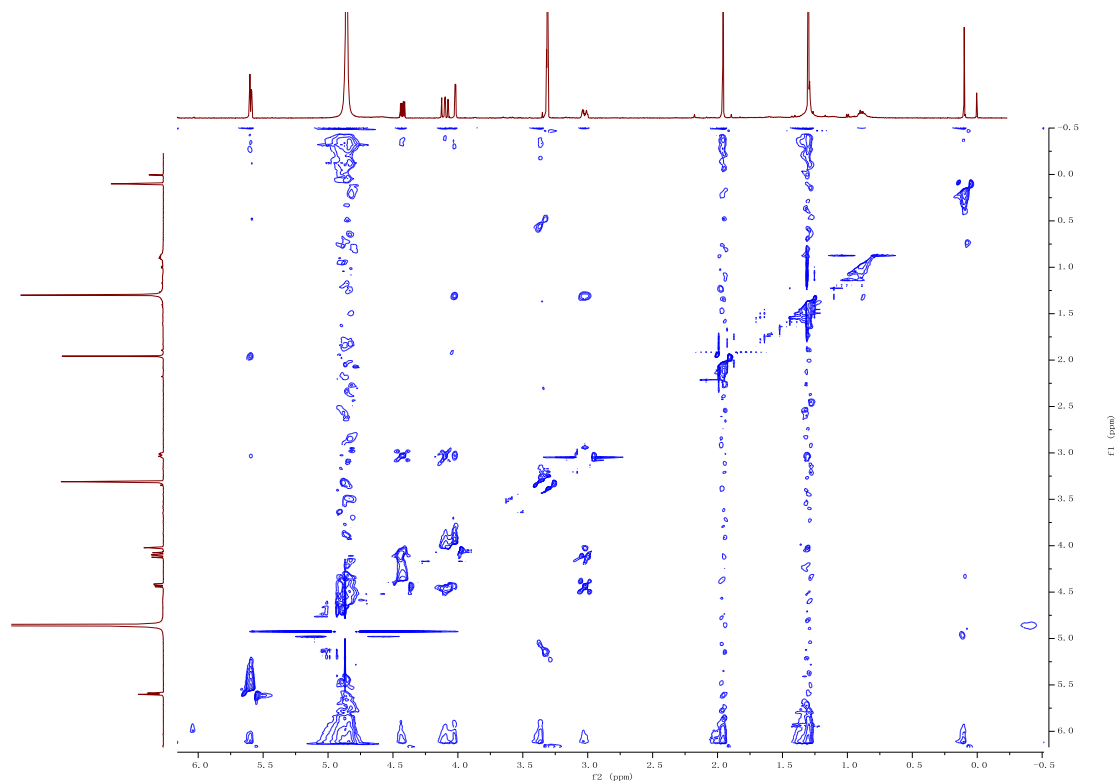


Figure S7. HRESIMS spectrum of Perangustol A (1).

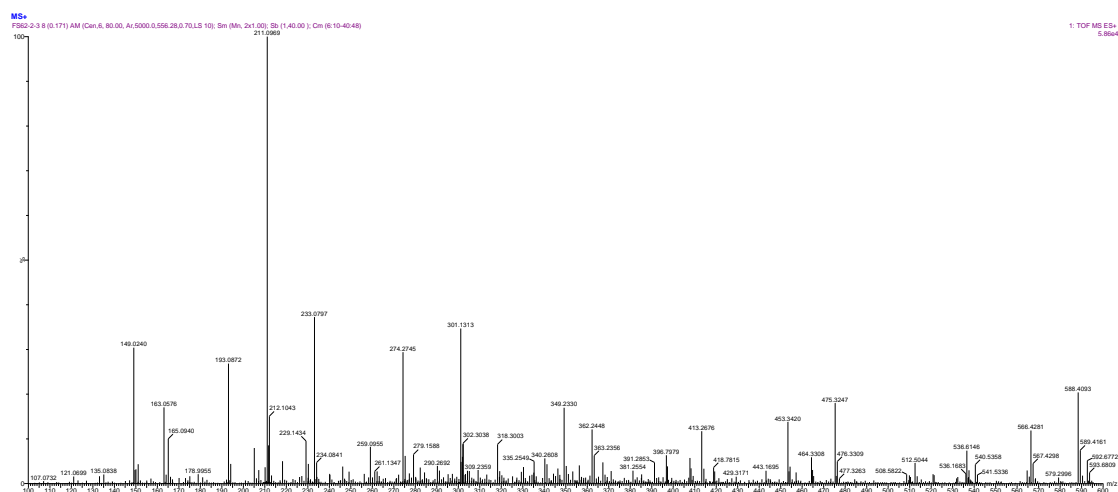


Figure S8. ESI-MS spectrum of Perangustol A (1).

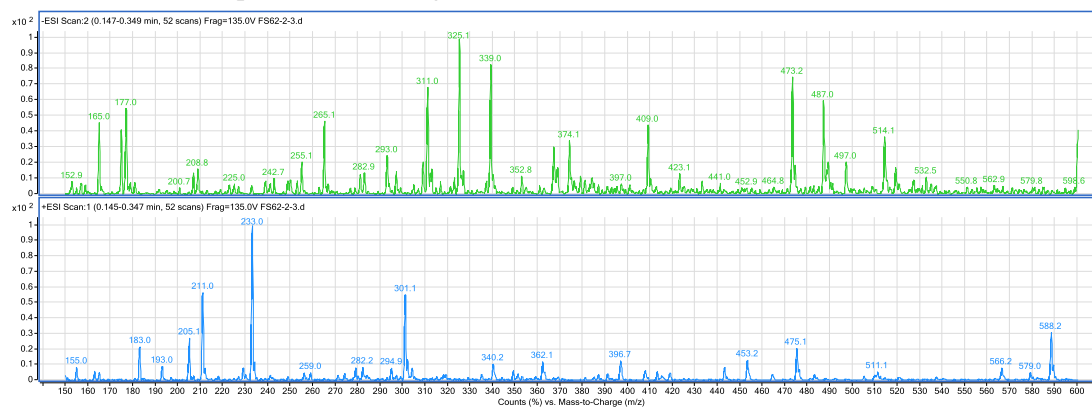


Figure S9. ¹H NMR spectrum of Perangustol B (2) in CD₃OD.

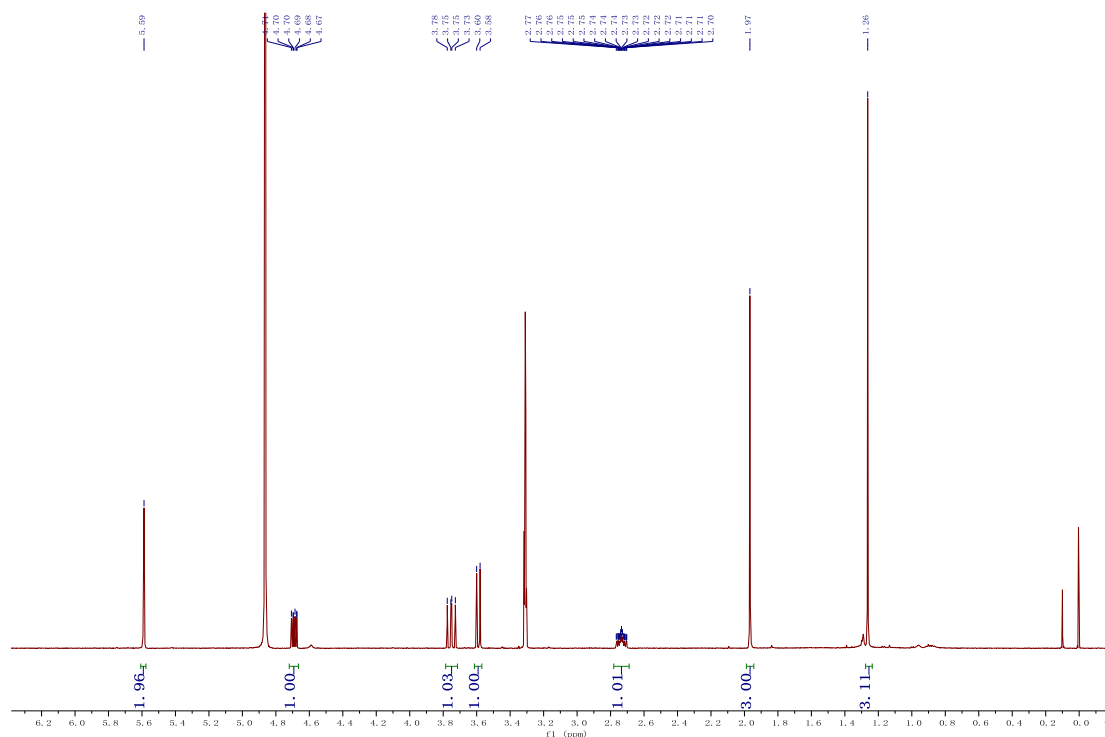


Figure S10. ^{13}C NMR spectrum of Perangustol B (**2**) in CD_3OD .

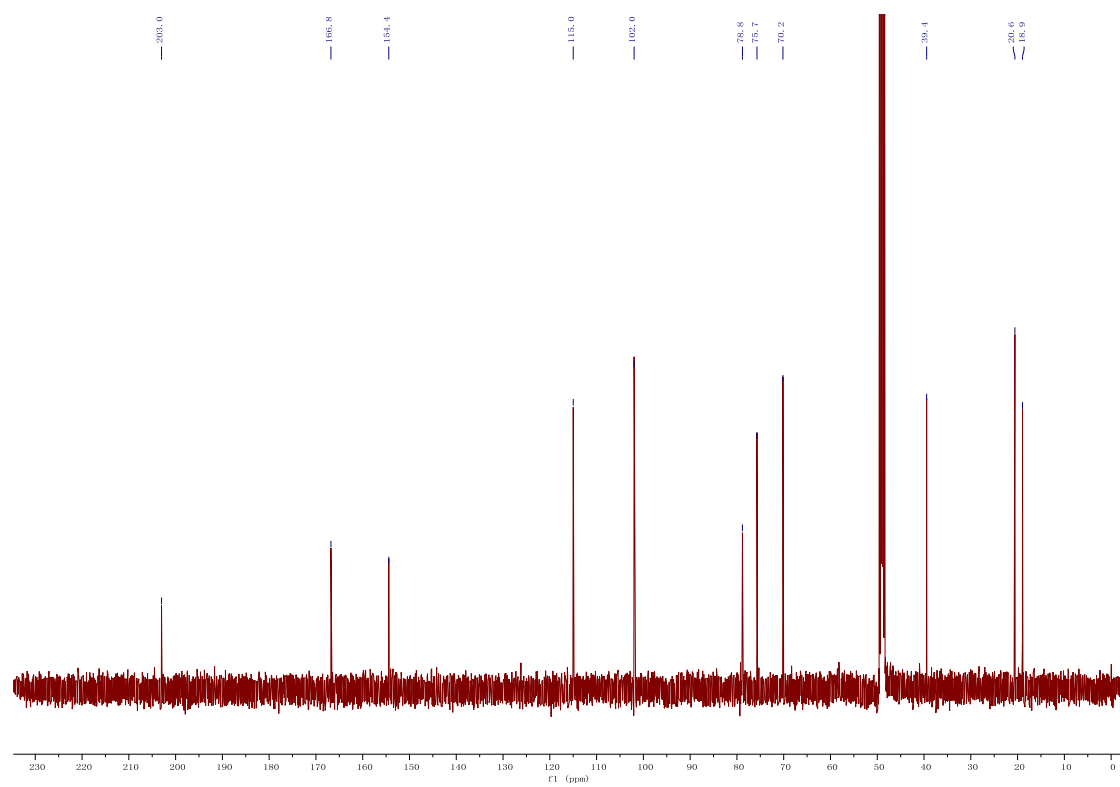


Figure S11. HSQC spectrum of Perangustol B (**2**) in CD_3OD .

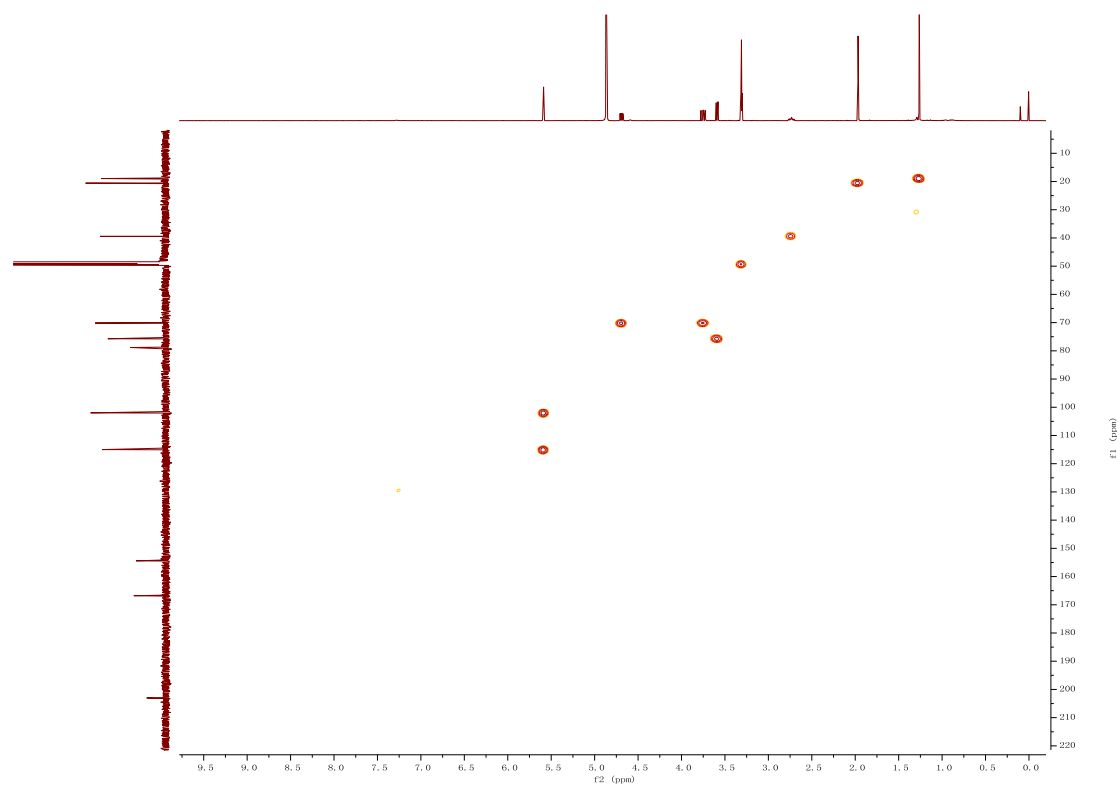


Figure S12. HMBC spectrum of Perangustol B (**2**) in CD₃OD.

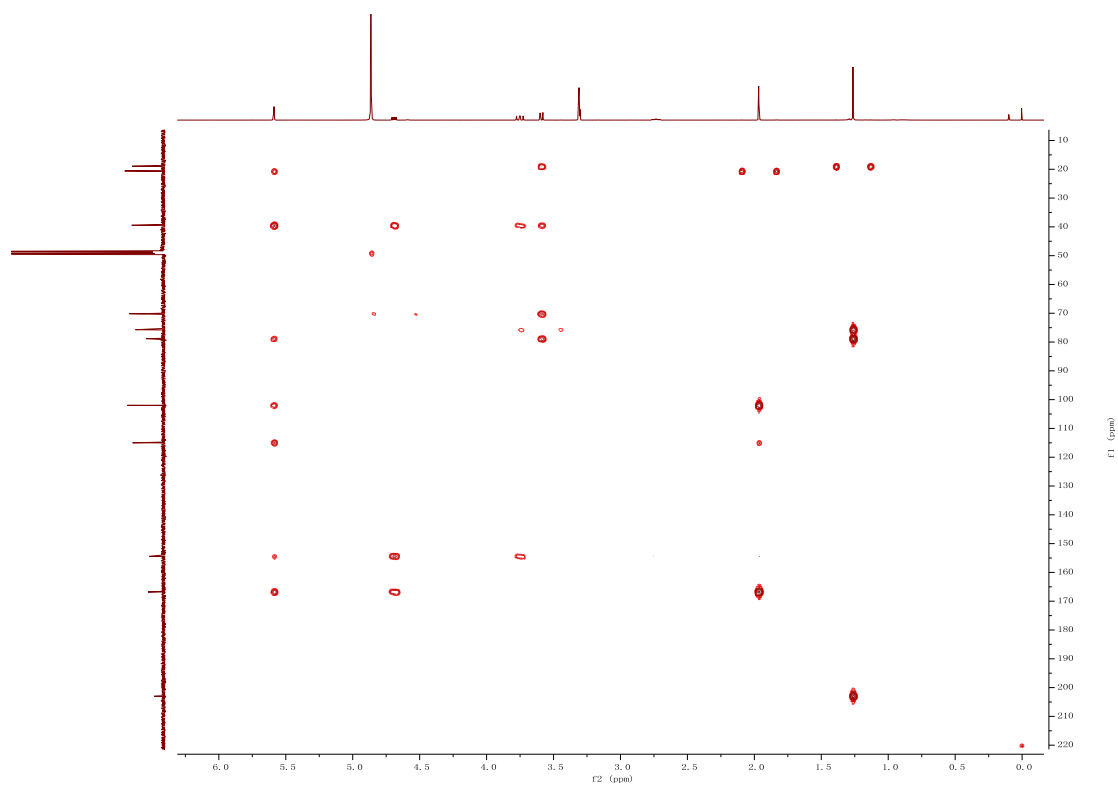


Figure S13. ¹H-¹H COSY spectrum of Perangustol B (**2**) in CD₃OD.

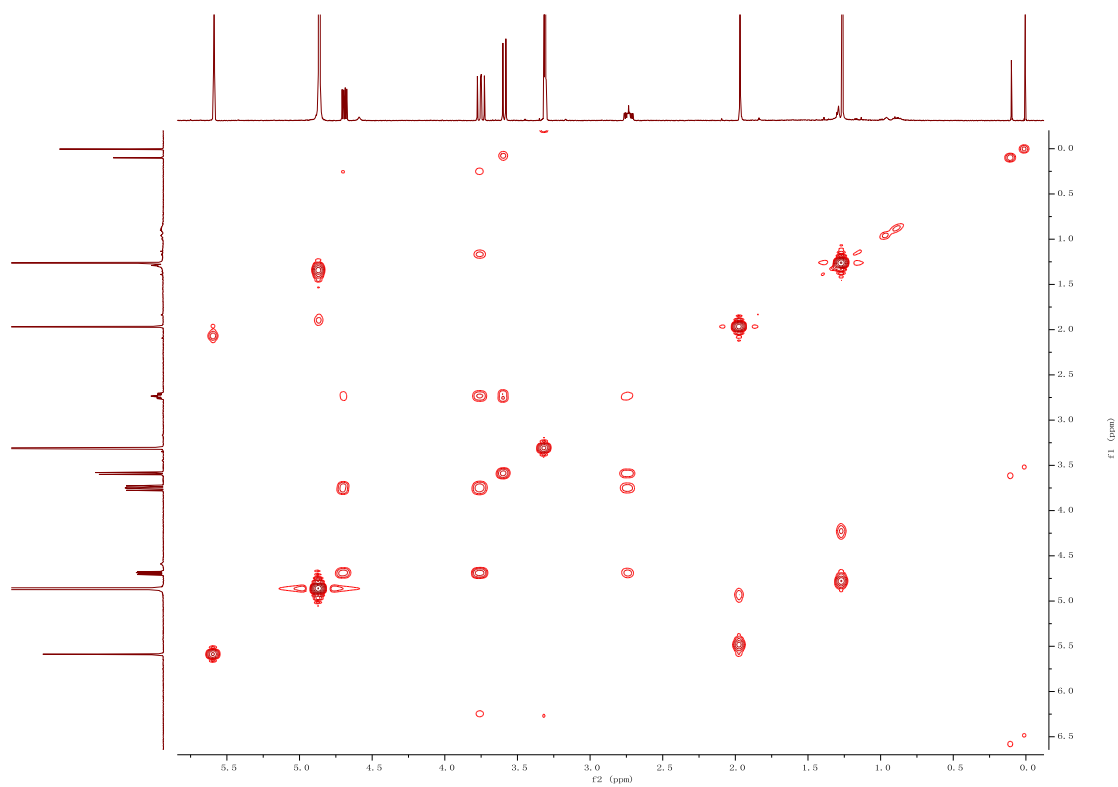


Figure S14. NOESY spectrum of Perangustol B (**2**) in CD₃OD.

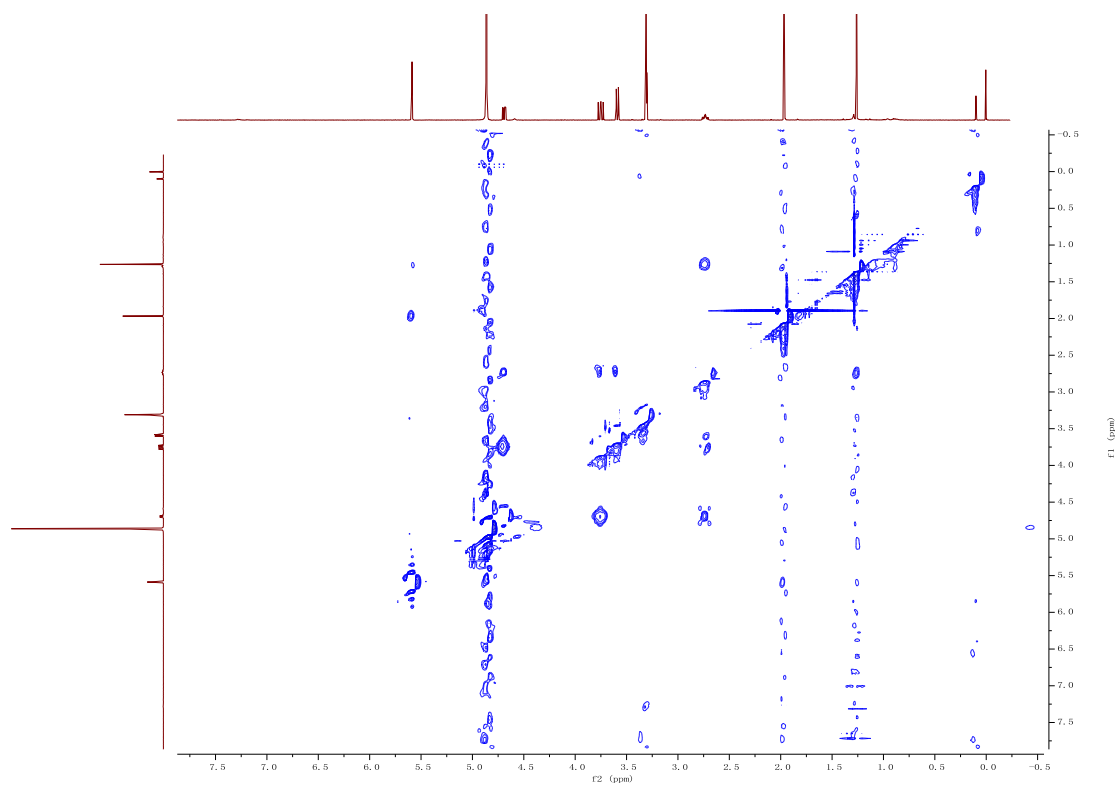


Figure S15. HRESIMS spectrum of Perangustol B (**2**).

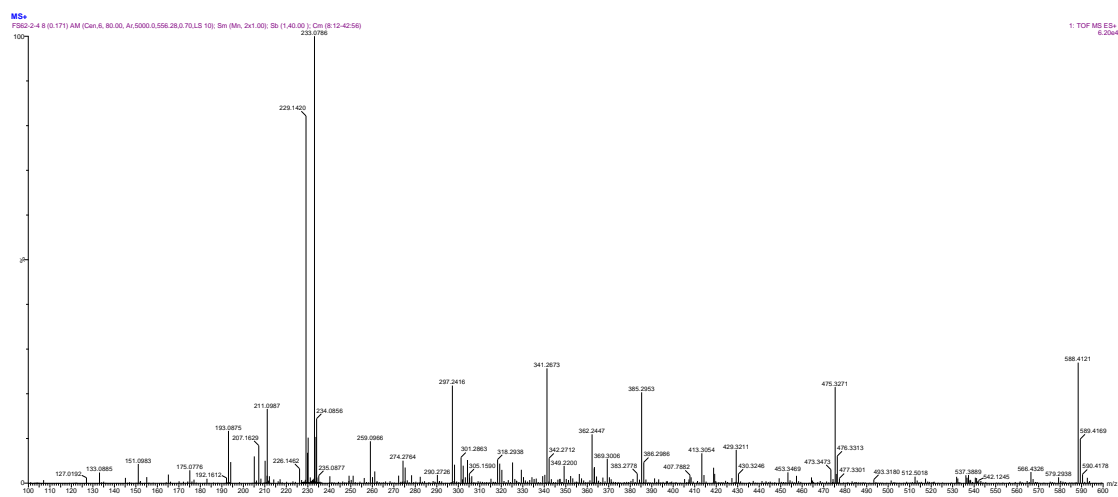


Figure S16. ESI-MS spectrum of Perangustol B (2).

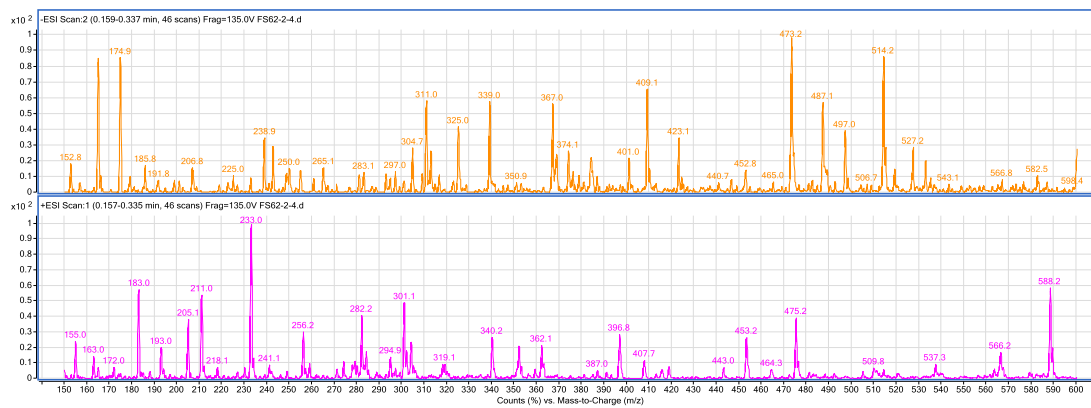


Figure S17. ^1H NMR spectrum of compound 3 in CD_3OD .

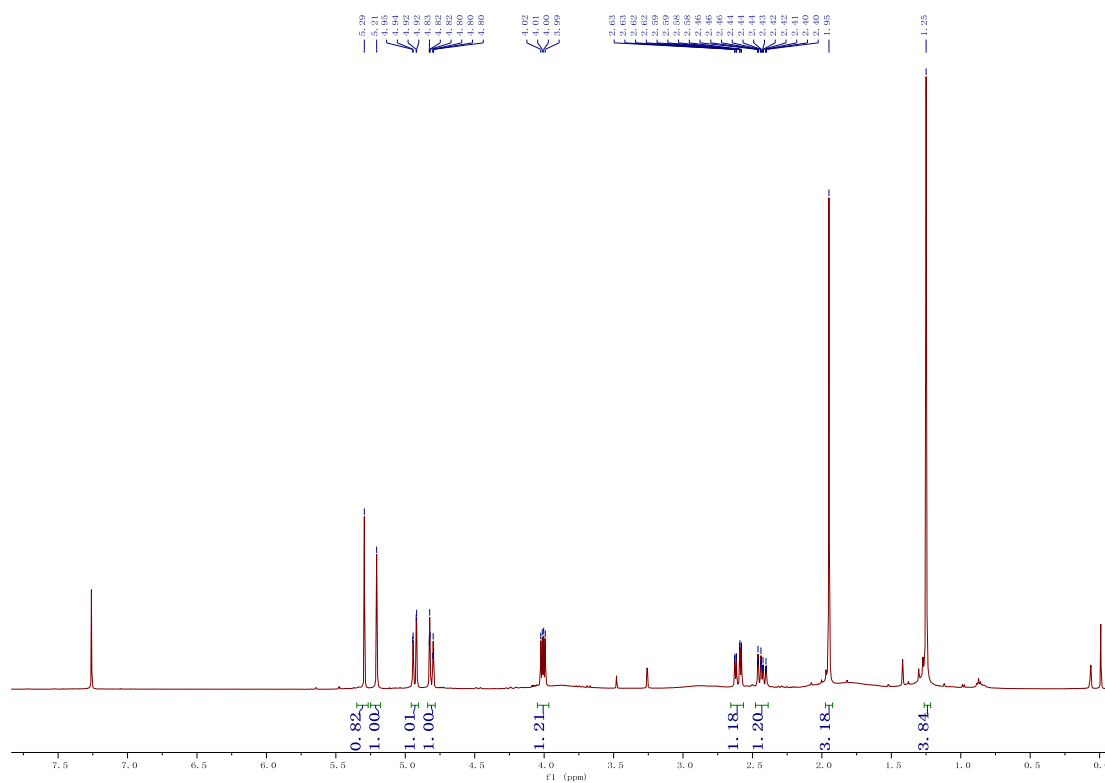


Figure S18. ^{13}C NMR spectrum of compound **3** in CD_3OD .

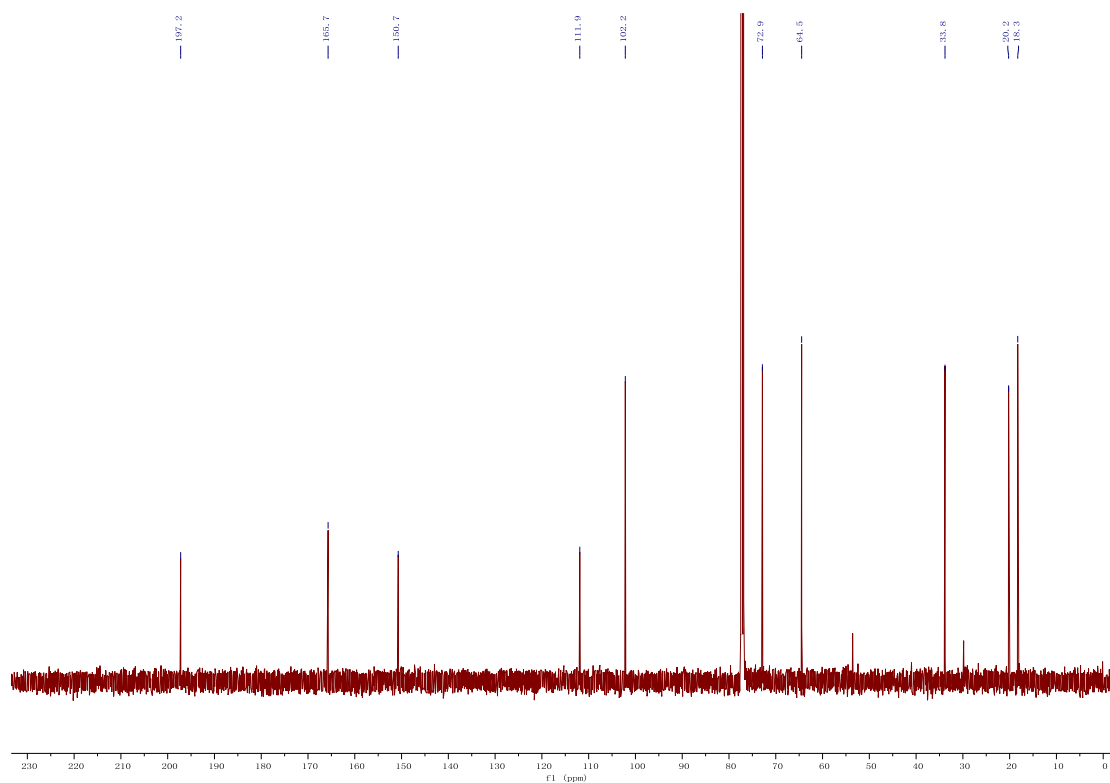


Figure S19. ESI-MS spectrum of compound **3**.

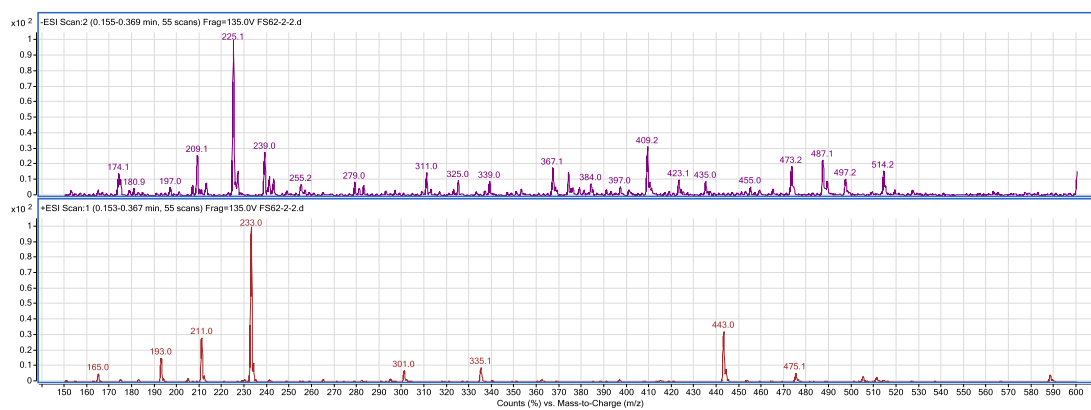


Figure S20. ^1H NMR spectrum of compound **4** in CD_3OD .

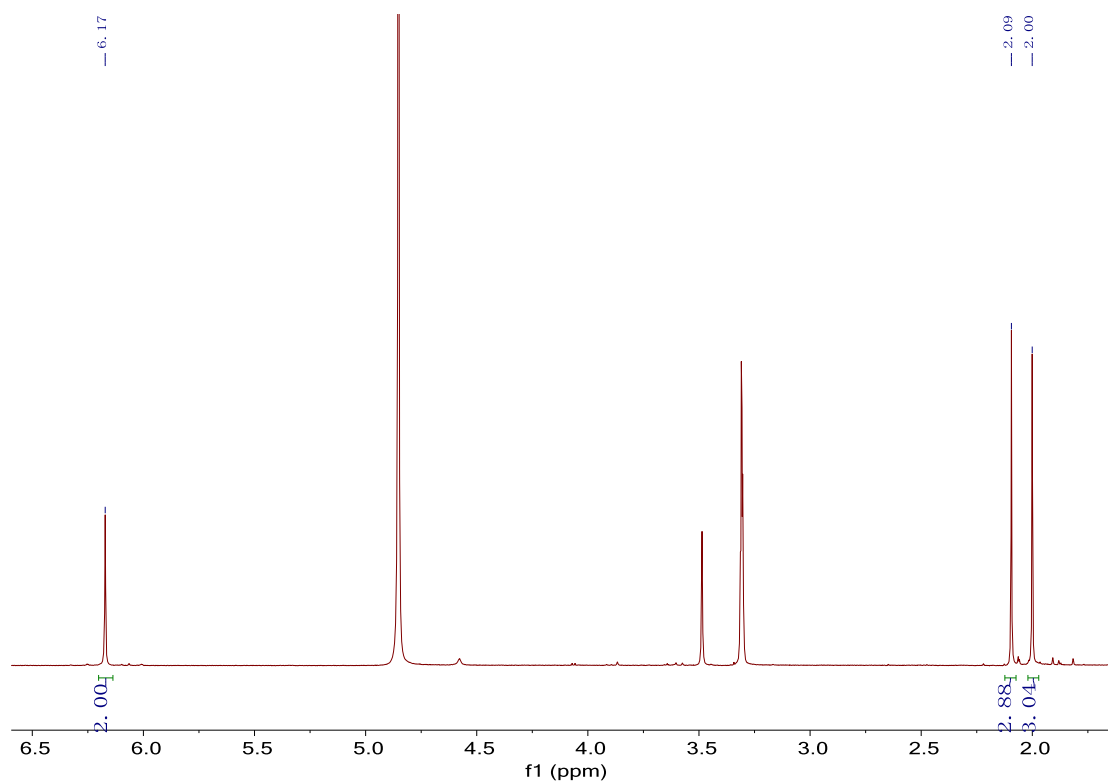


Figure S21. ESI-MS spectrum of compound **4**.

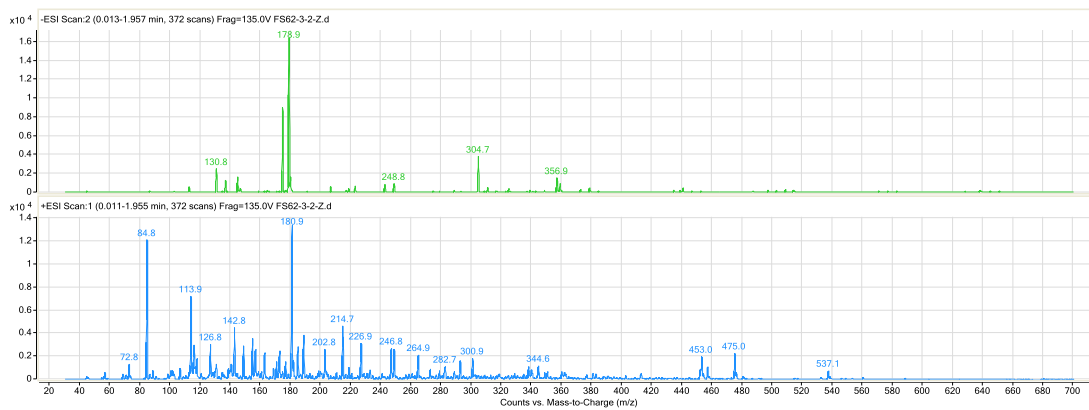


Figure S22. ^1H NMR spectrum of compound **5** in CD_3OD .

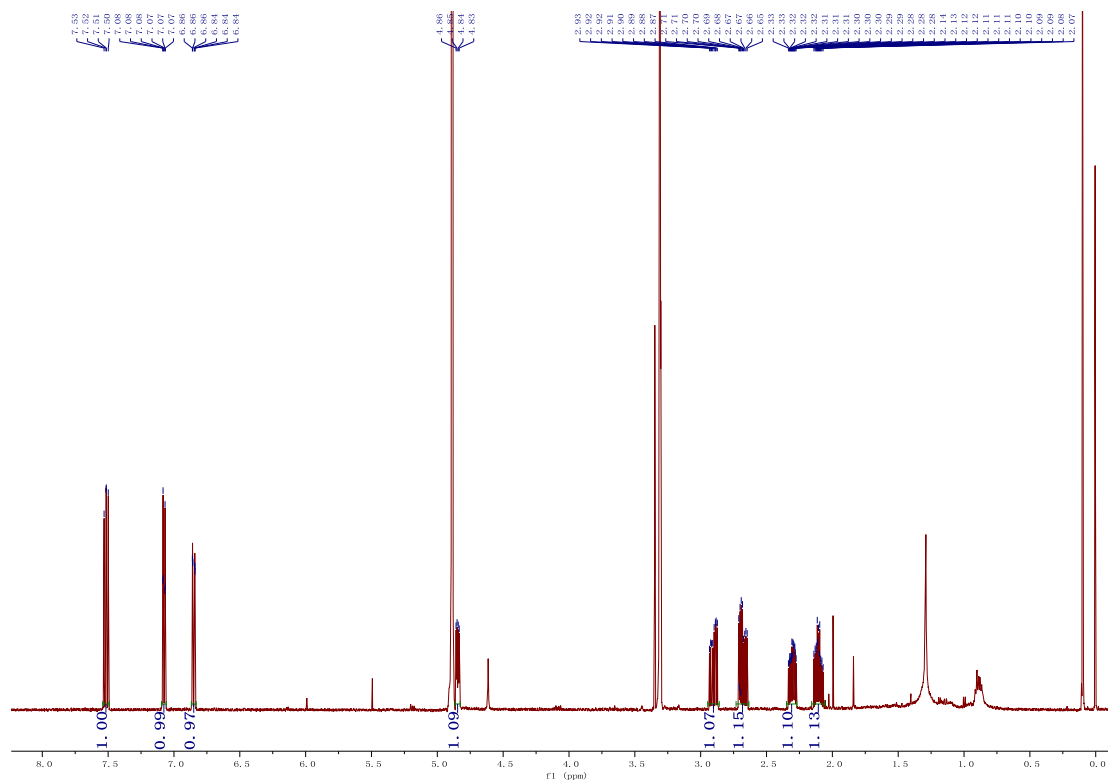


Figure S23. ^{13}C NMR spectrum of compound **5** in CD_3OD .

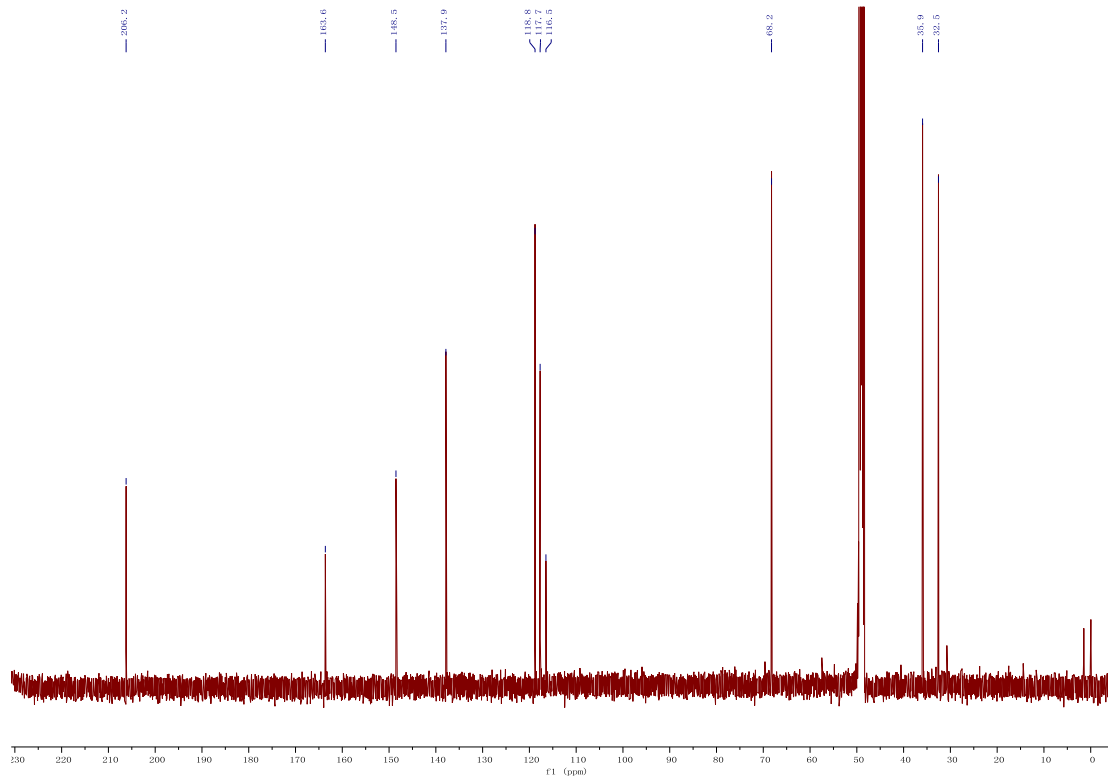


Figure S24. ^1H NMR spectrum of compound **6** in CD_3OD .

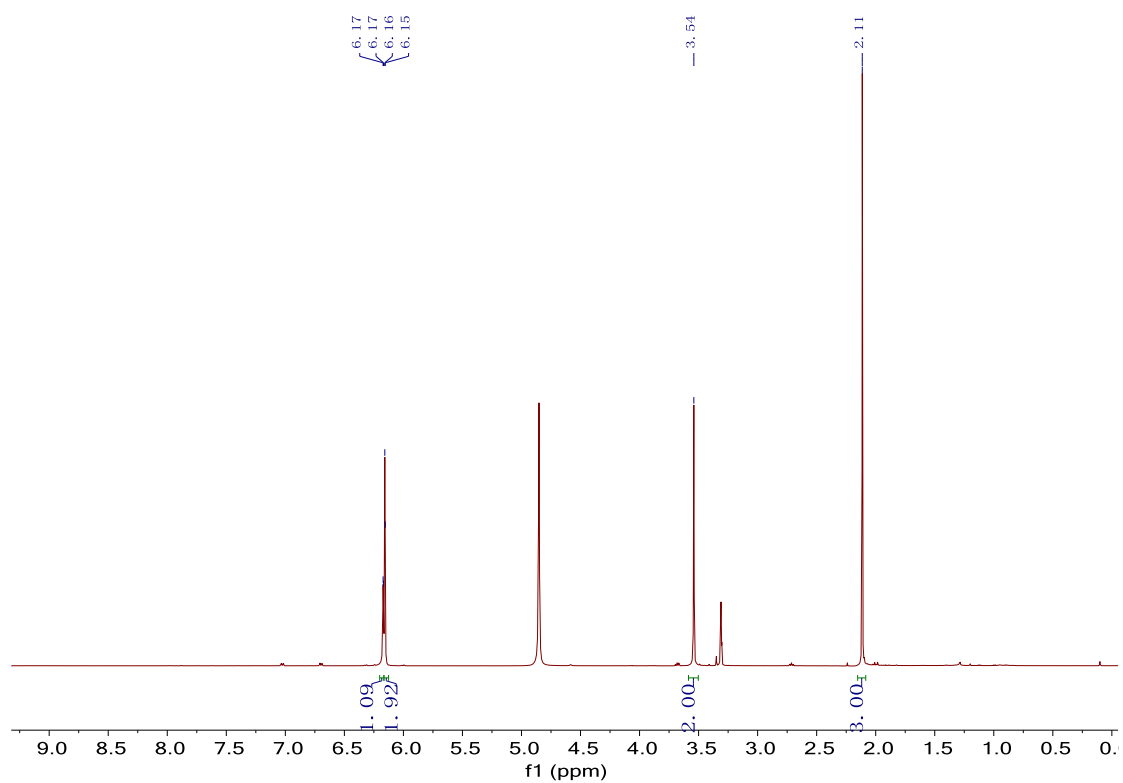


Figure S25. ^{13}C NMR spectrum of compound **6** in CD_3OD .

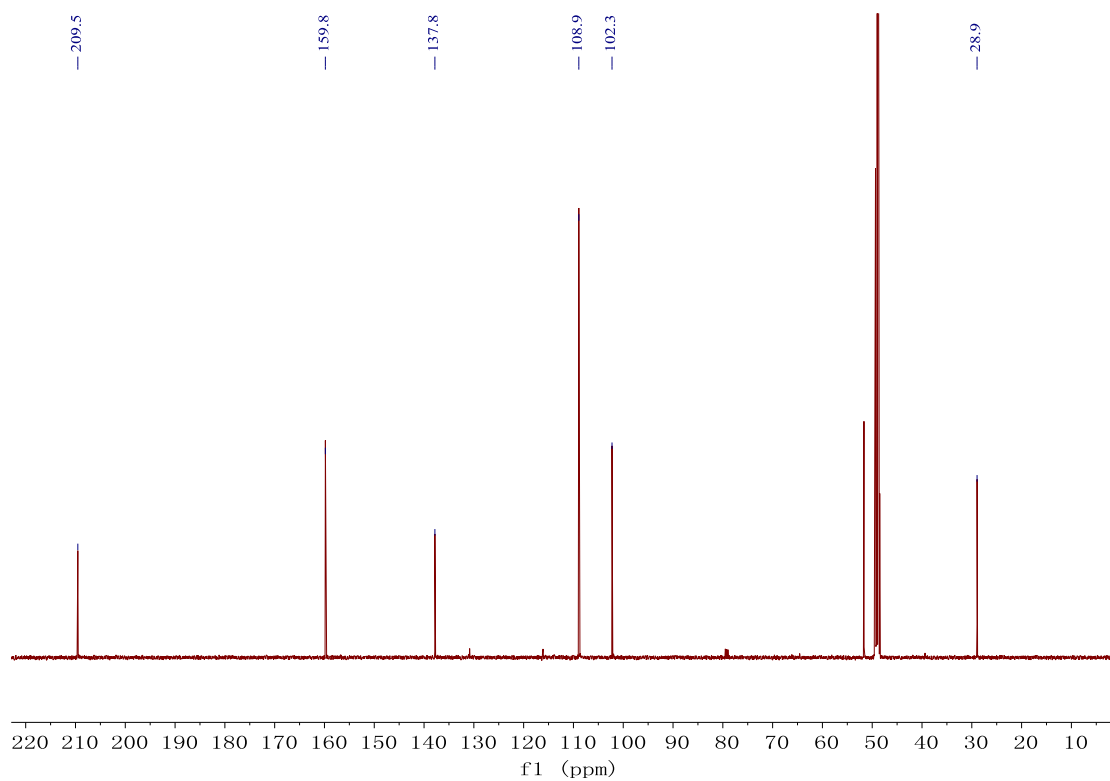


Figure S26. ESI-MS spectrum of compound 6.

