

Supplementary Materials for
Pathogenicity and Metabolites of *Purpureocillium*
lavendulum* YMF1.00683 against *Meloidogyne
incognita

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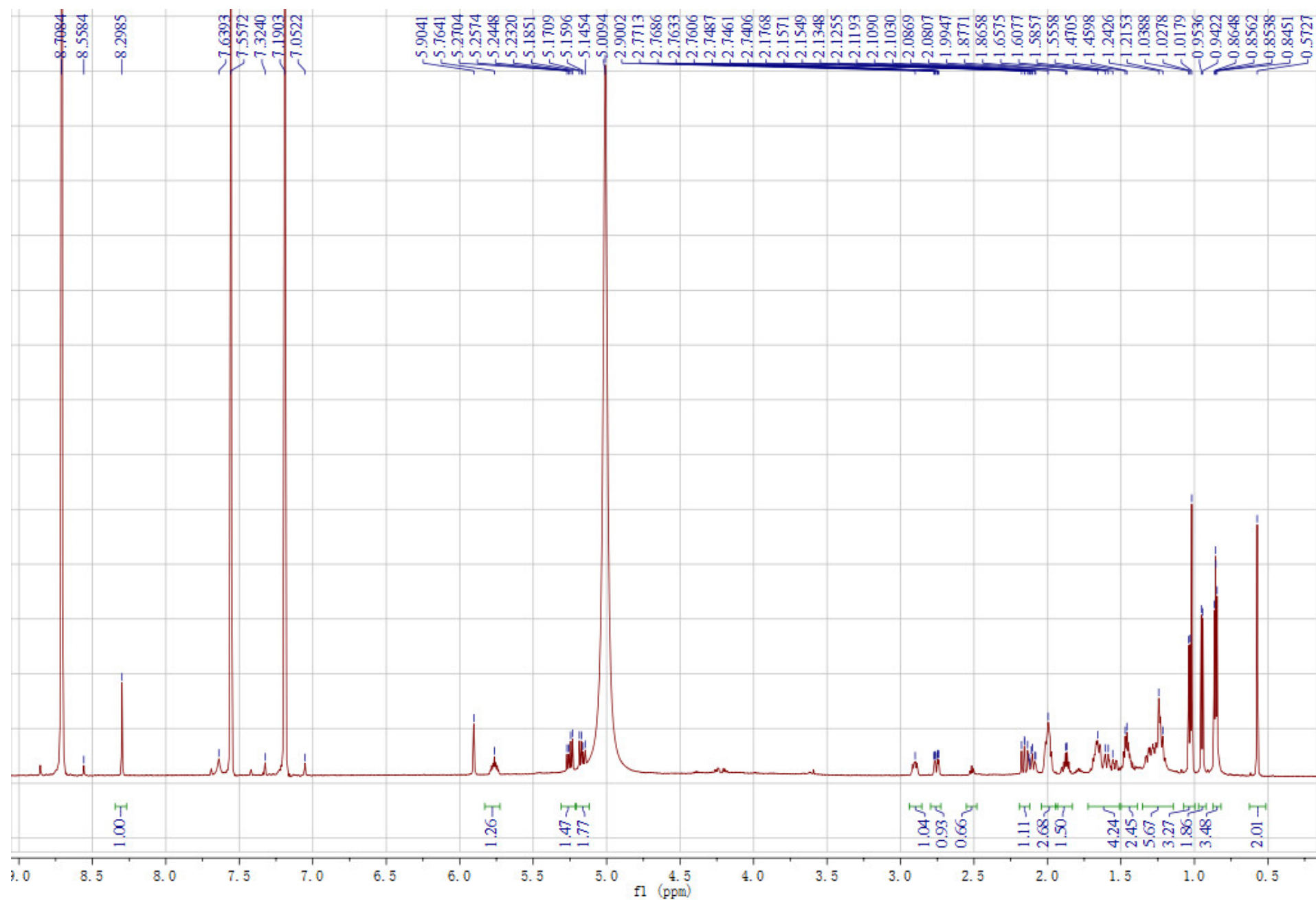


Figure S1. ¹H NMR spectrum of compound 1

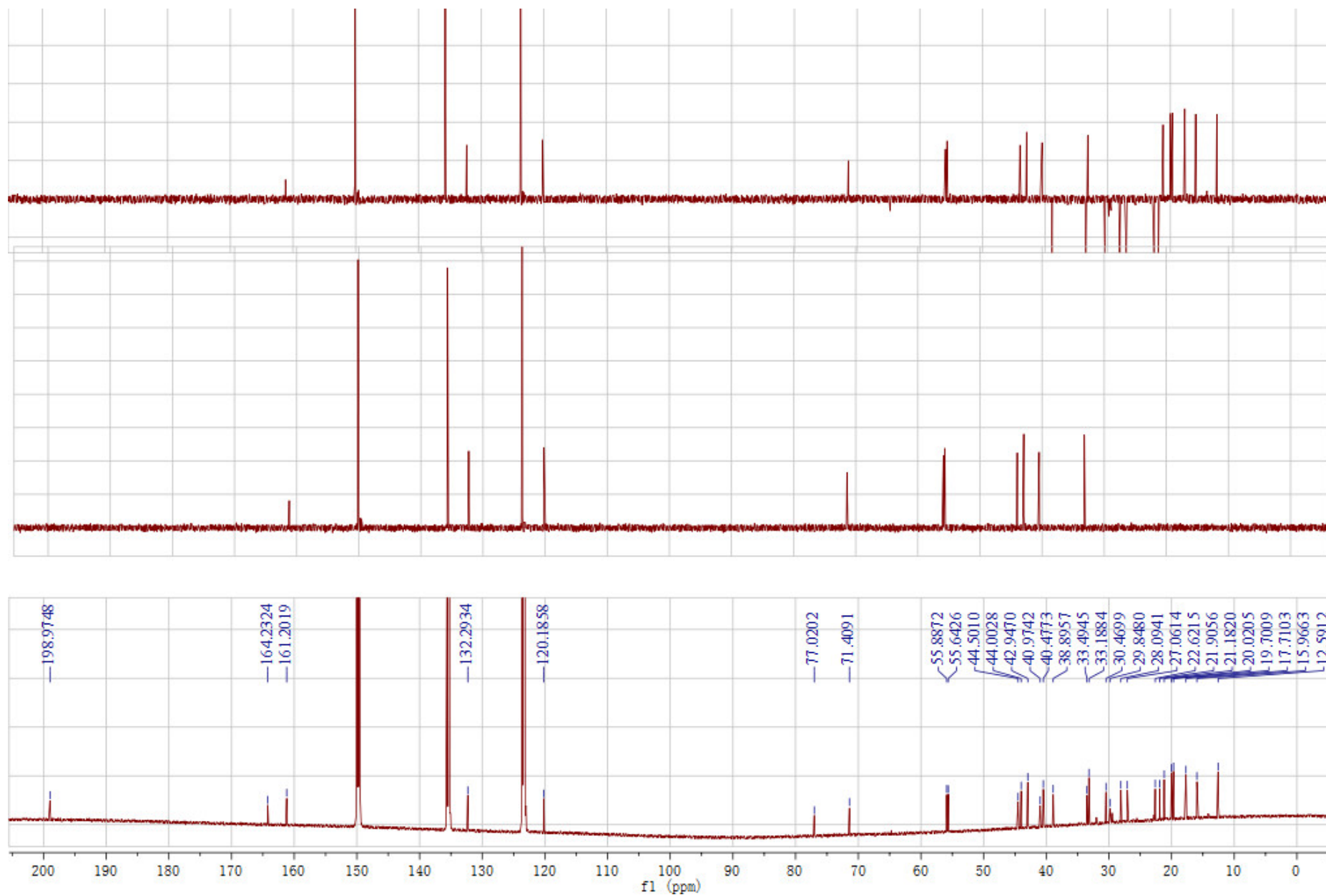


Figure S2. ^{13}C NMR spectrum of compound 1

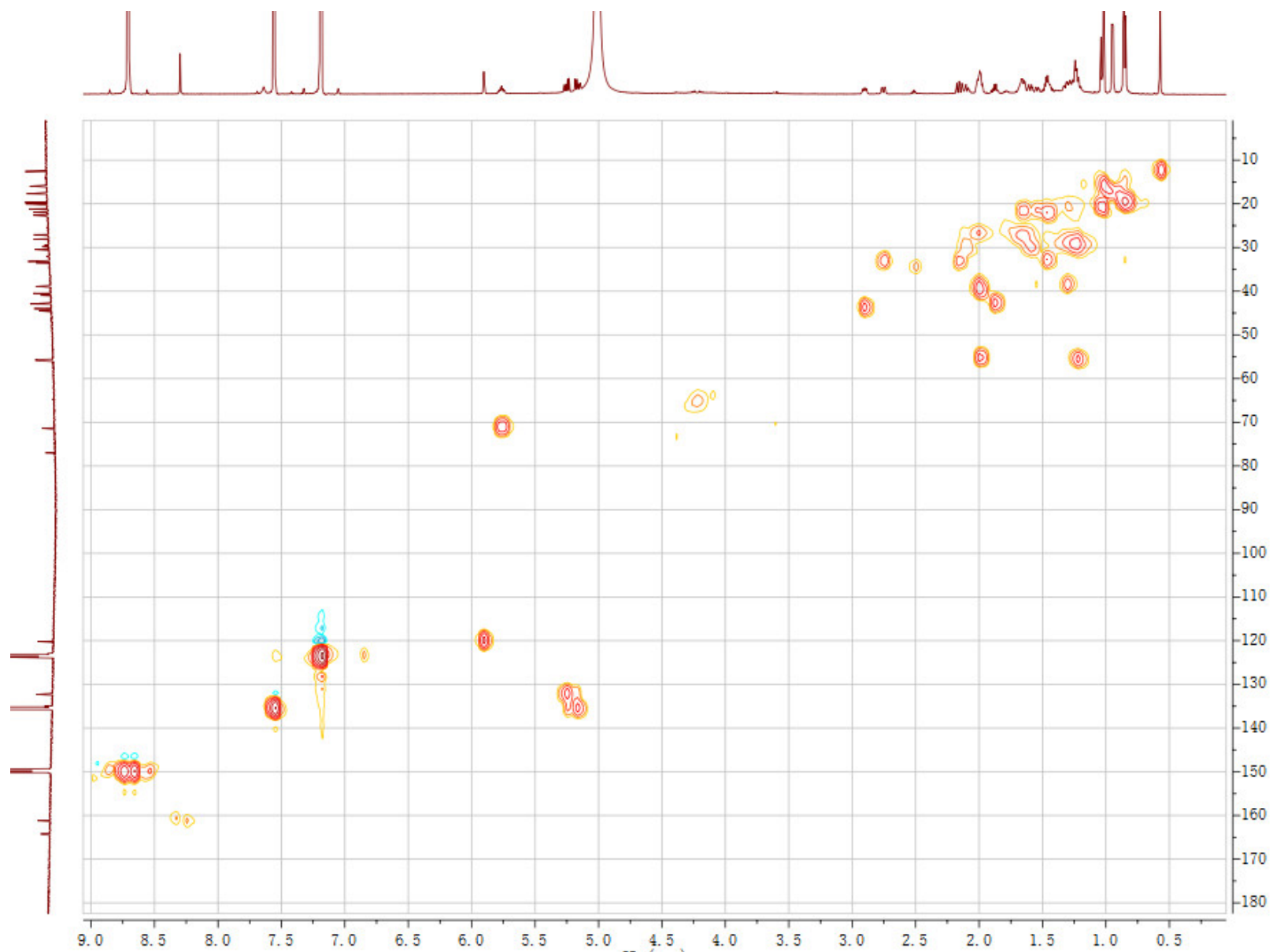


Figure S3. HSQC spectrum of compound 1

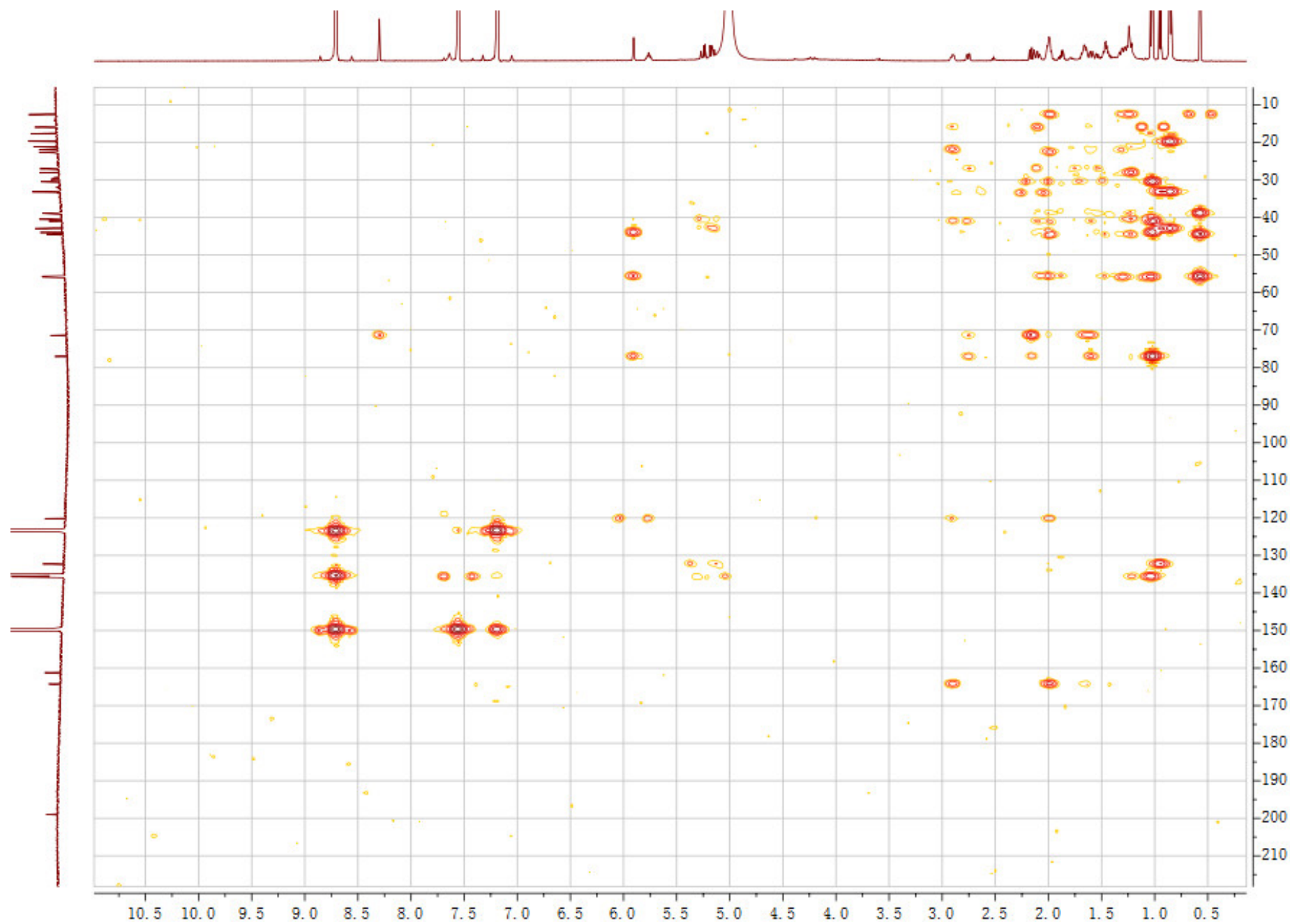


Figure S4. HMBC spectrum of compound 1

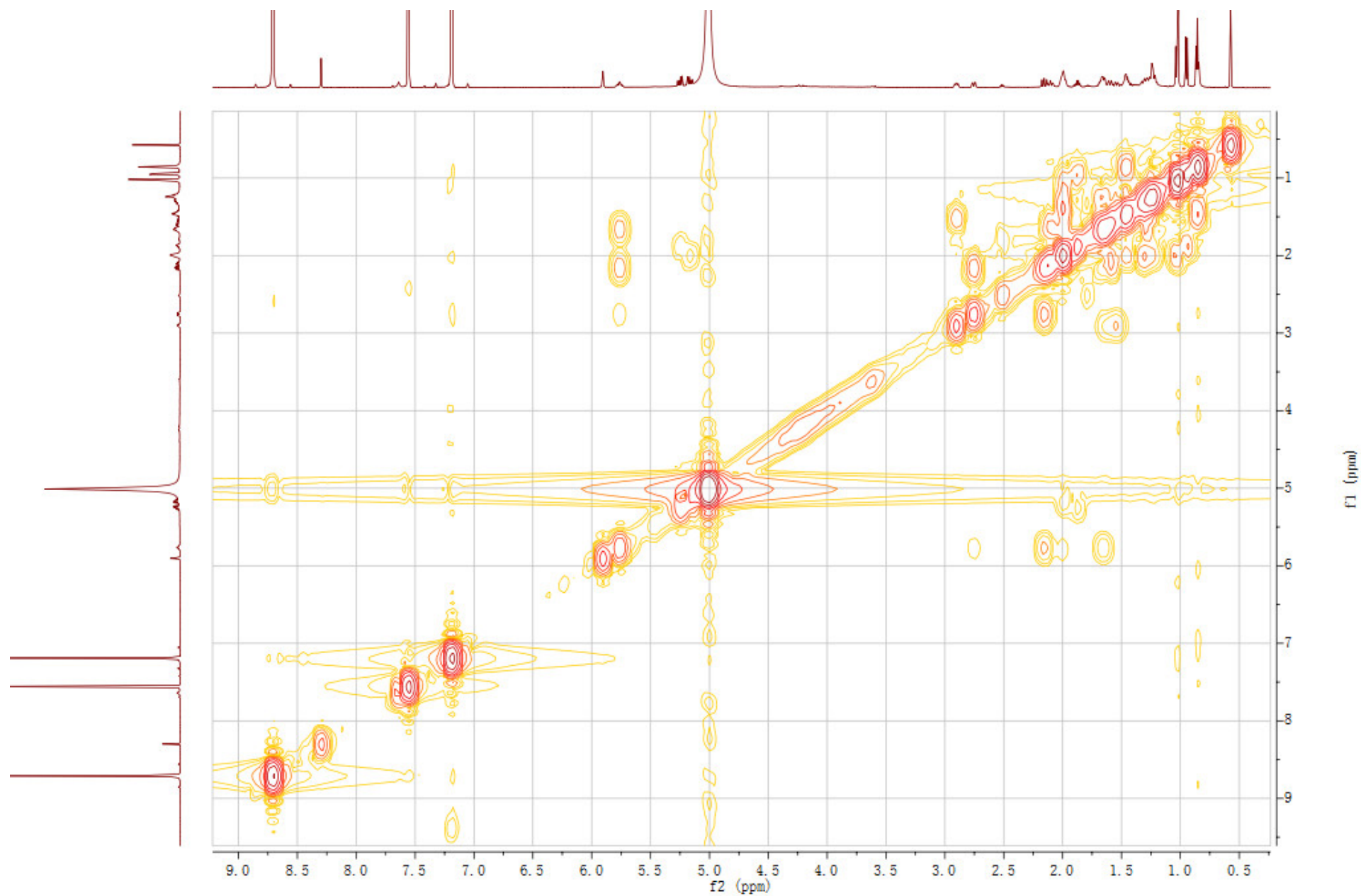


Figure S5. ^1H - ^1H COSY spectrum of compound **1**

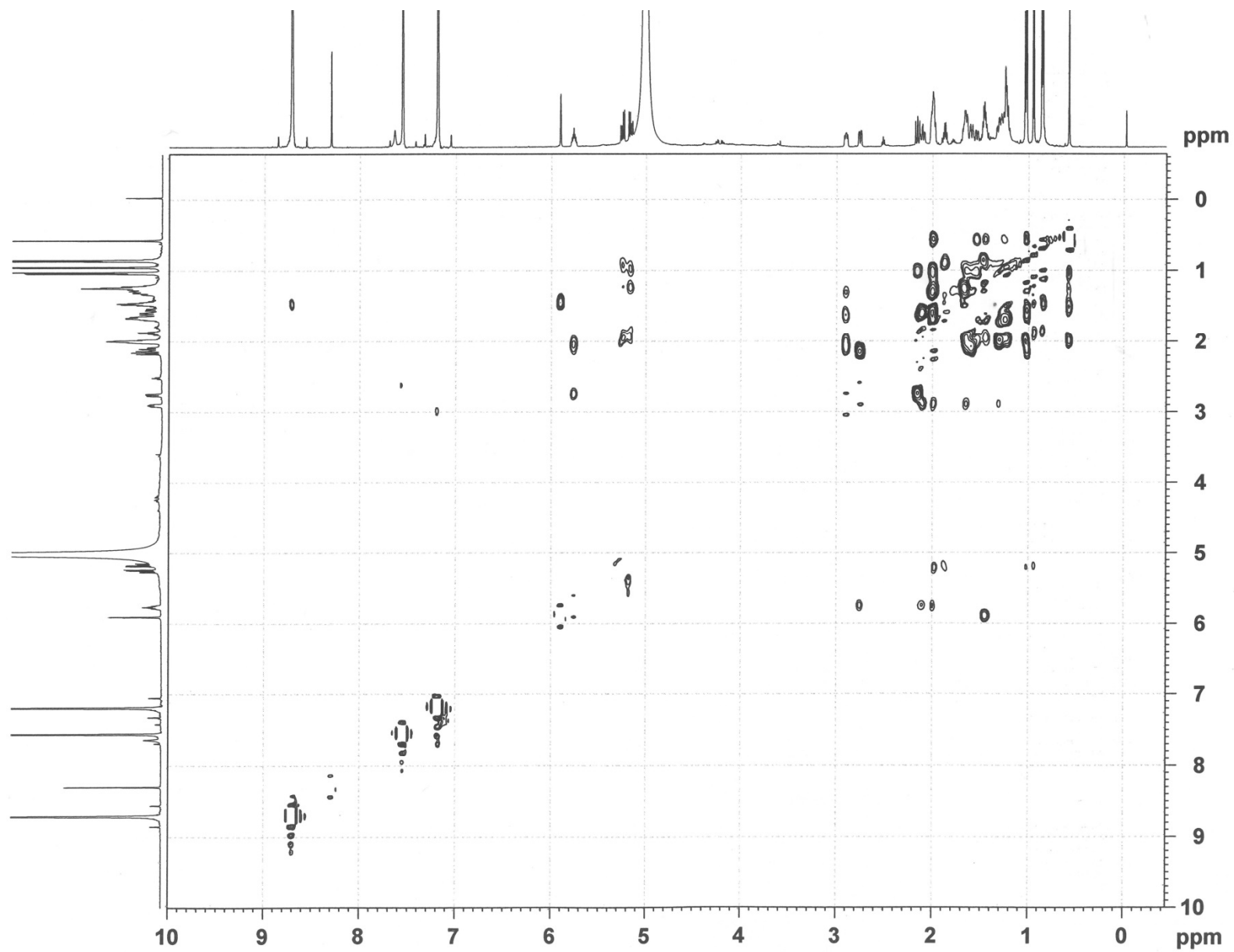
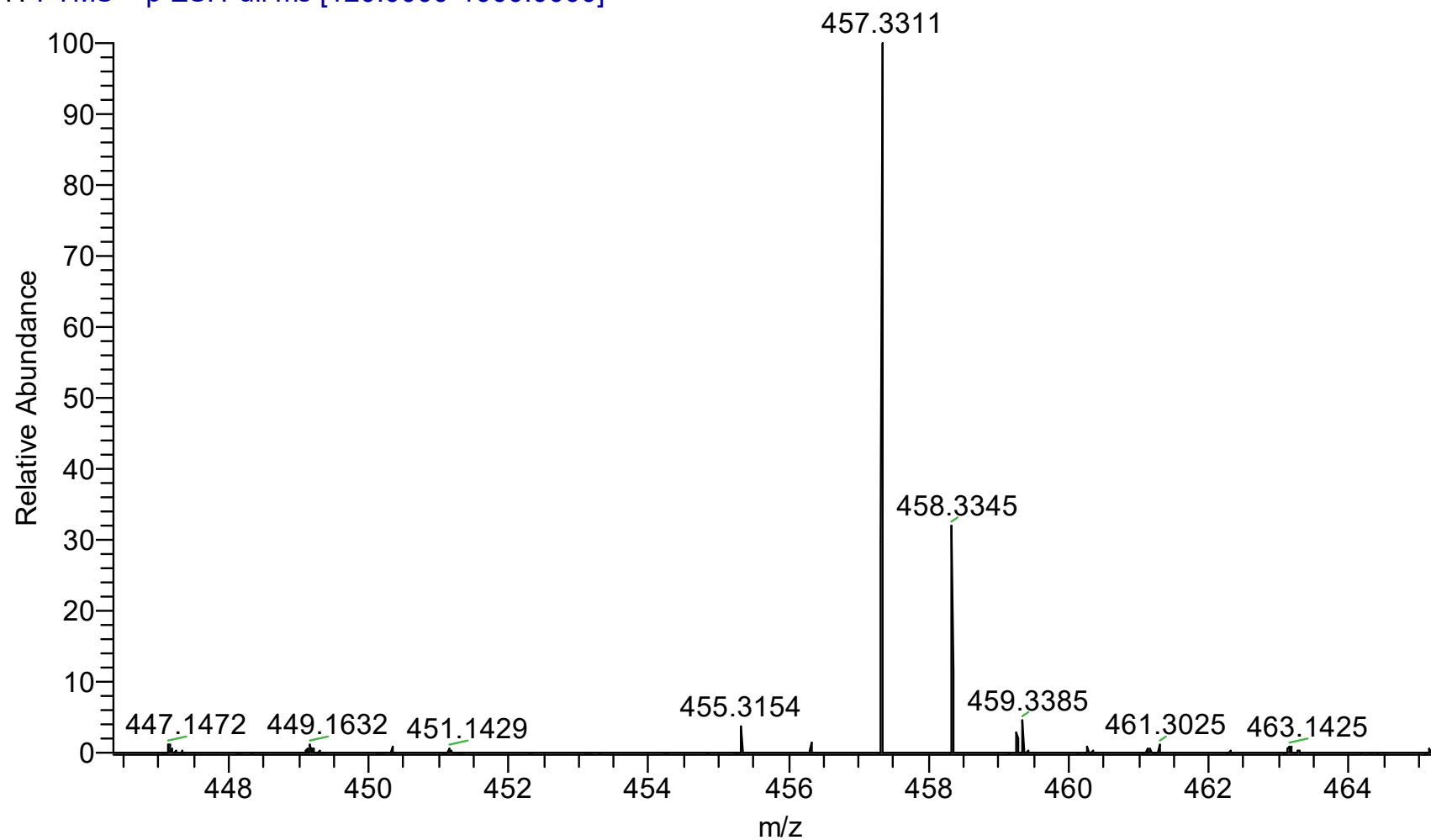


Figure S6. ROESY spectrum of compound **1**

T: FTMS + p ESI Full ms [120.0000-1000.0000]



m/z	Theo. Mass	Delta (mmu)	RDB equiv.	Composition
457.3311	457.3312	-0.14	7.5	C ₂₉ H ₄₅ O ₄

Figure S7. HR-ESI-MS of compound 1

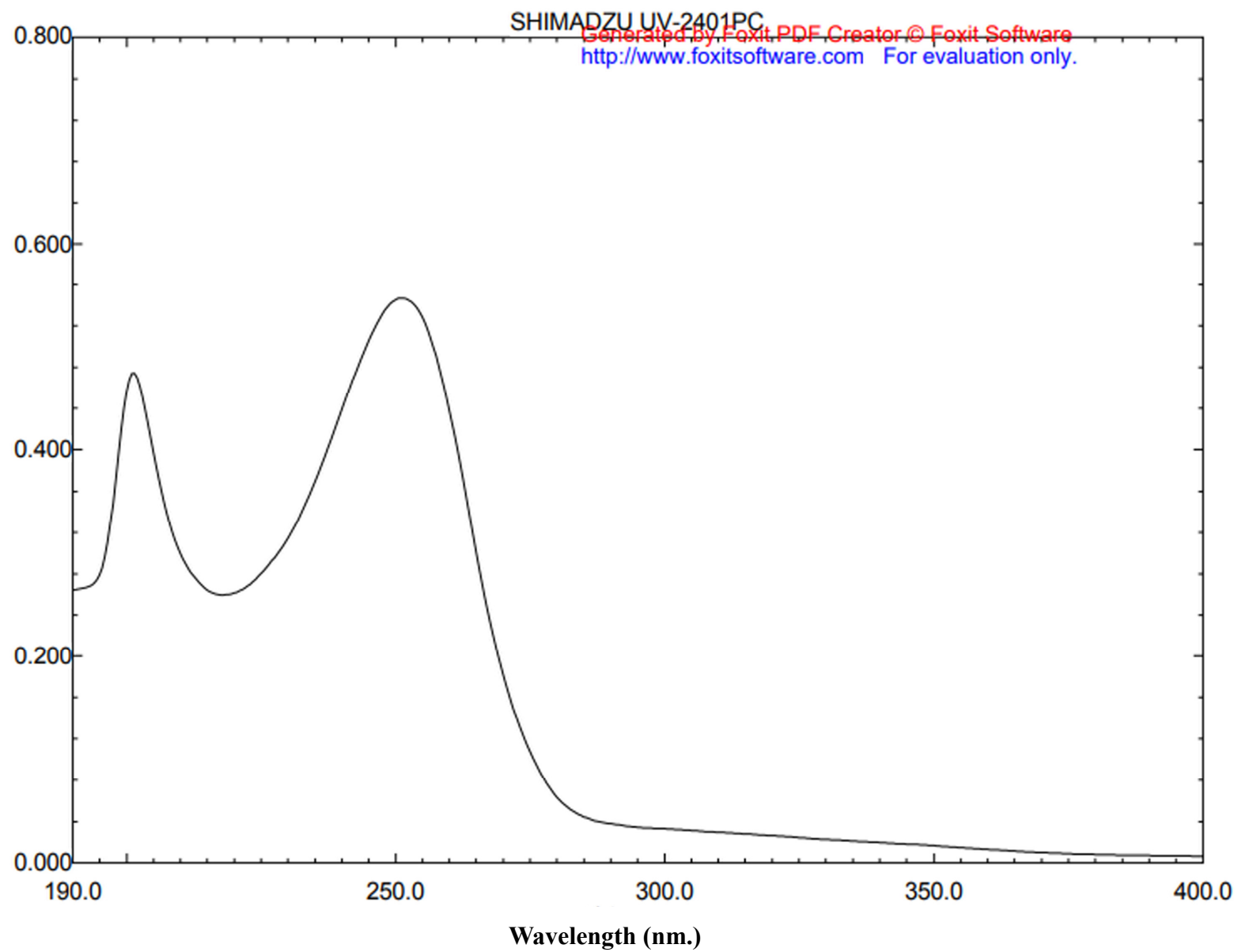


Figure S8.UV spectrum of compound 1

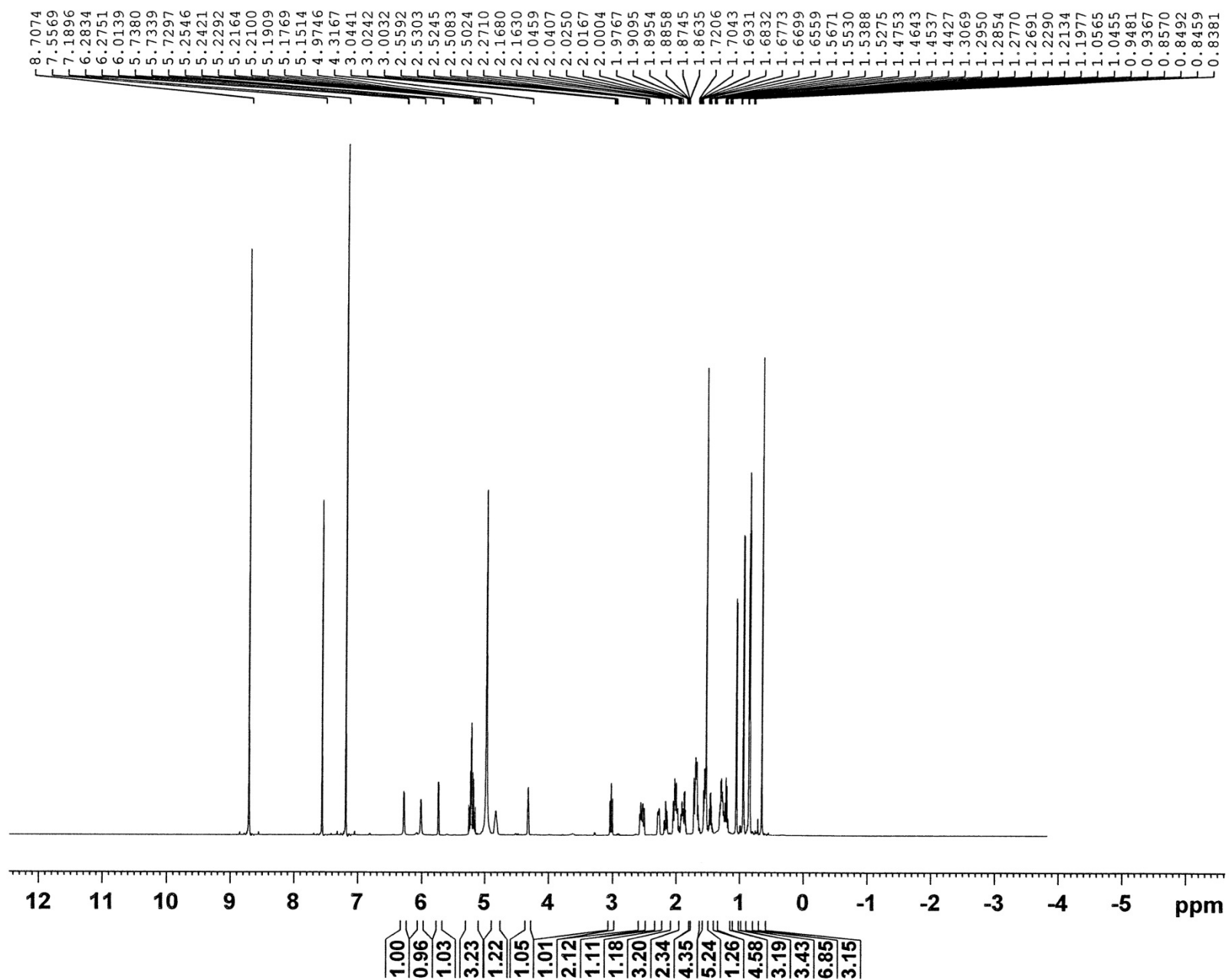


Figure S9. ^1H NMR spectrum of compound 2

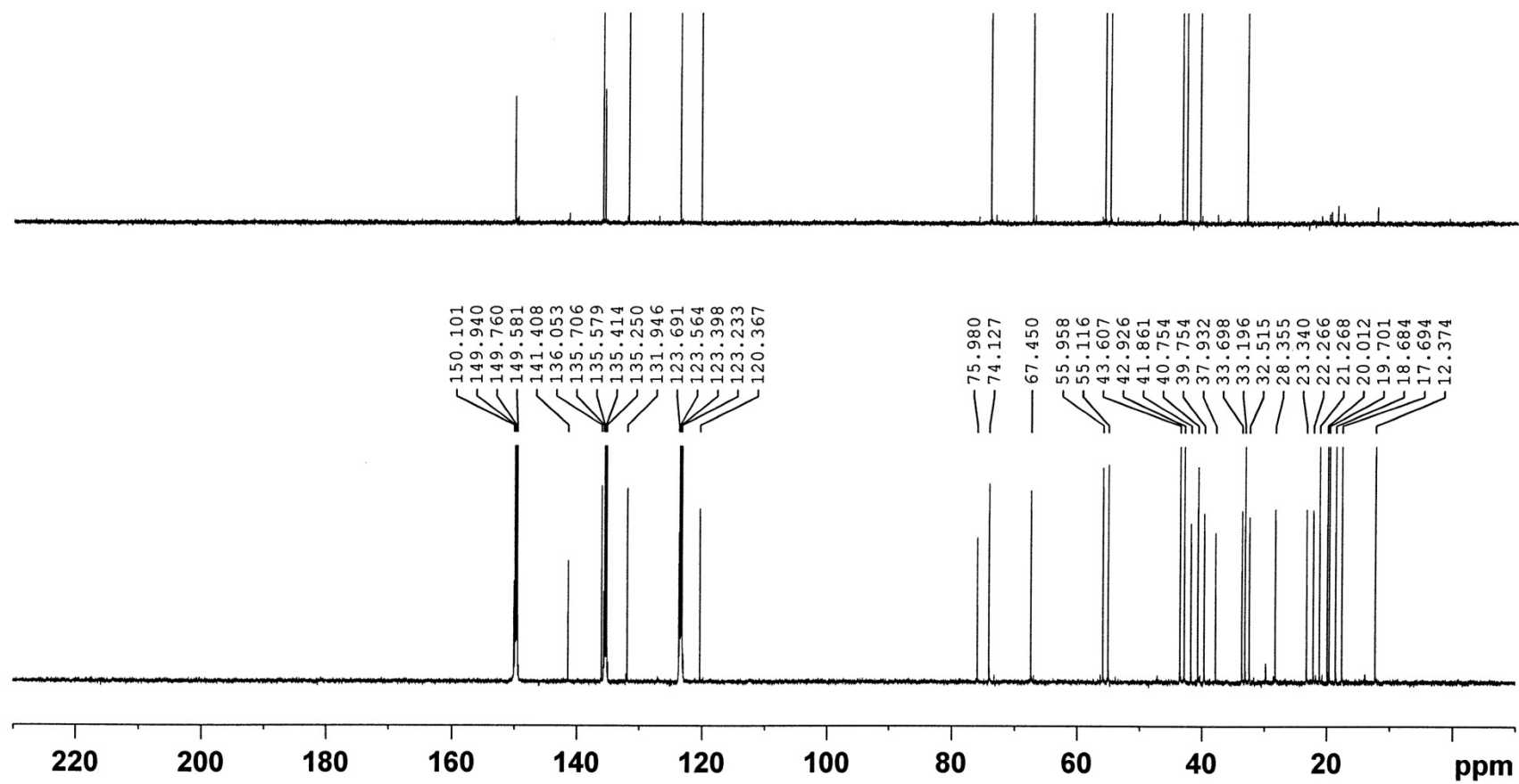


Figure S10. ^{13}C NMR spectrum of compound 2

T: FTMS + p ESI Full ms [120.0000-1000.0000]

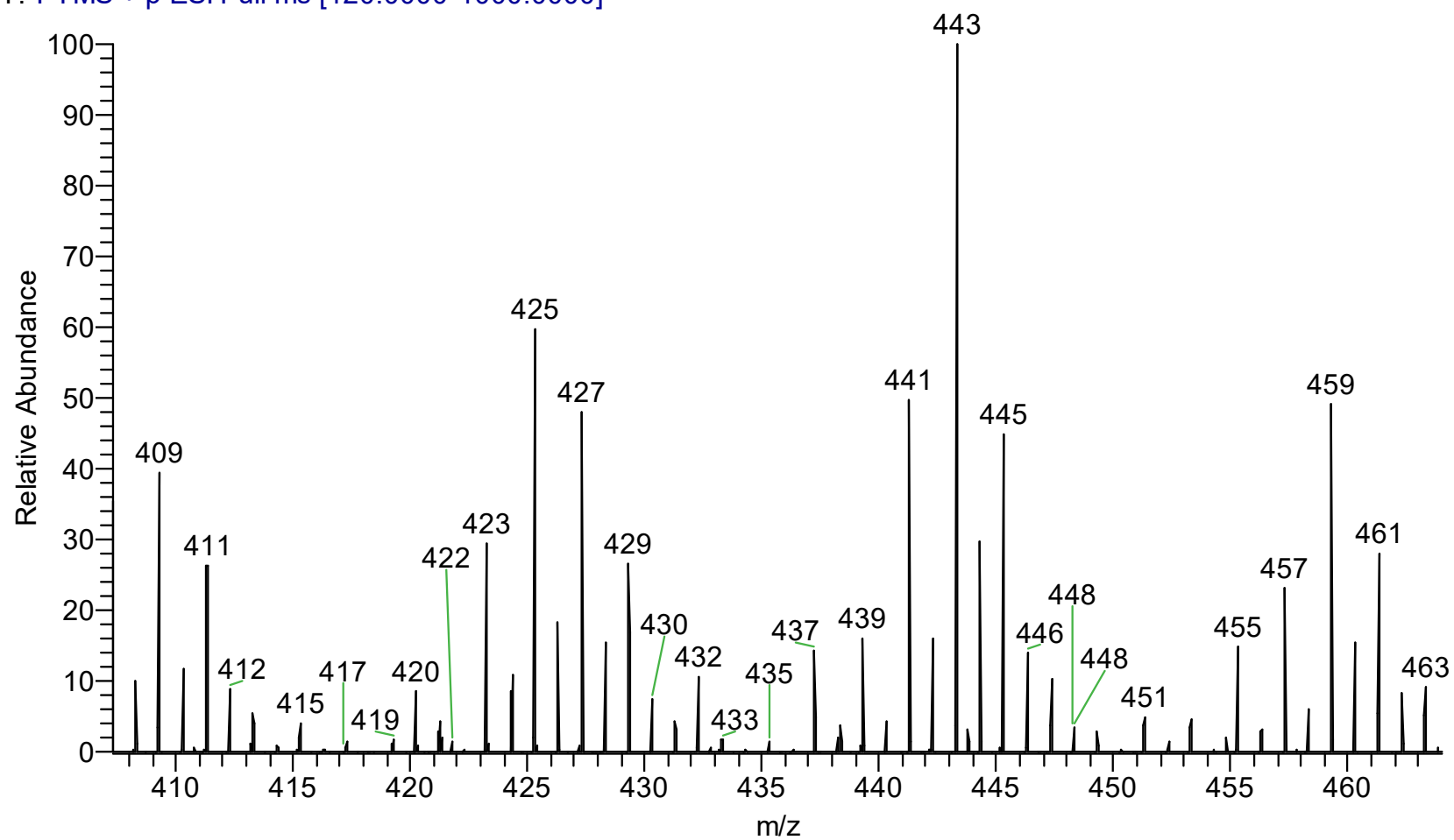


Figure S11. ESI-MS spectrum of compound 2

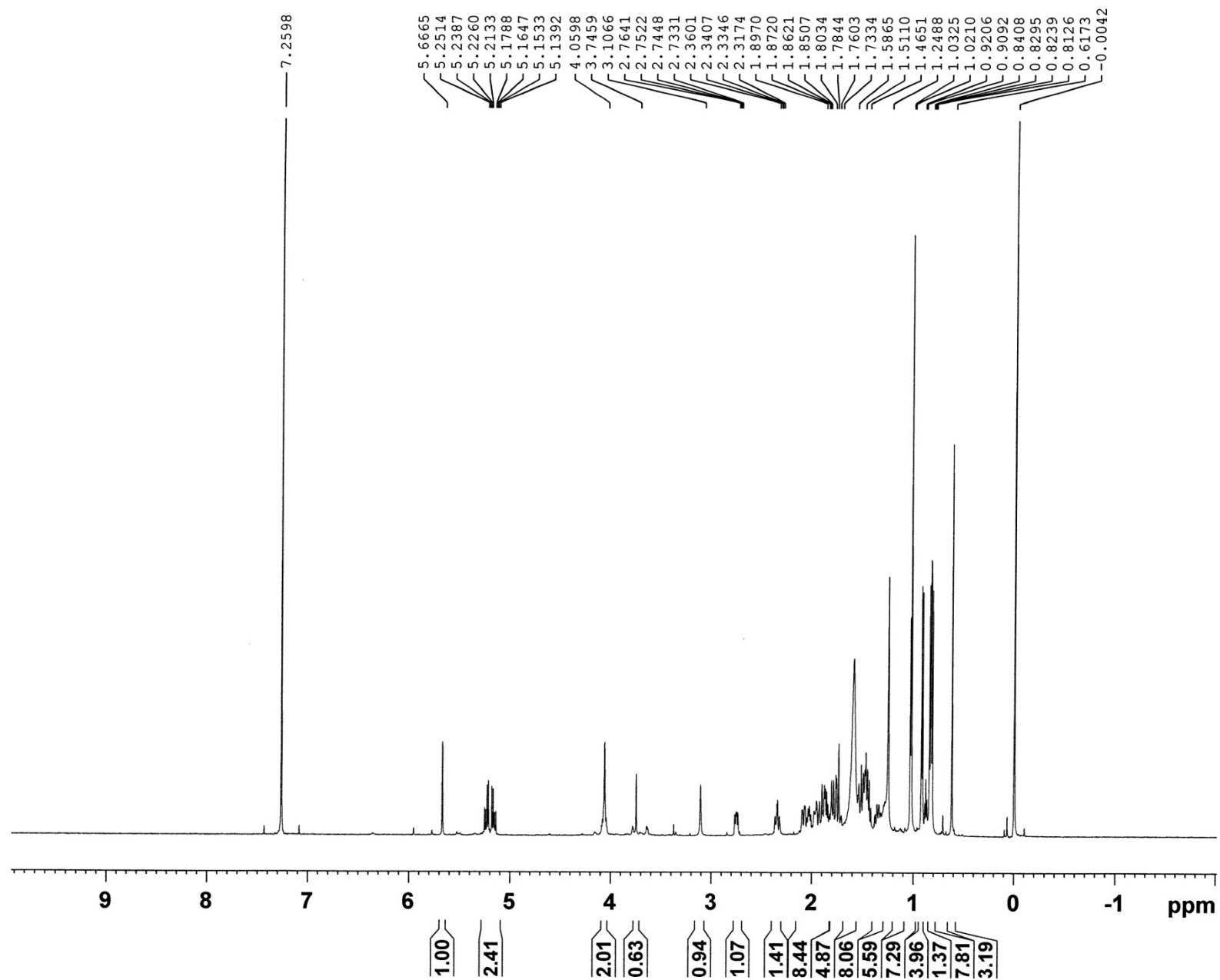


Figure S12. ^1H NMR spectrum of compound 3

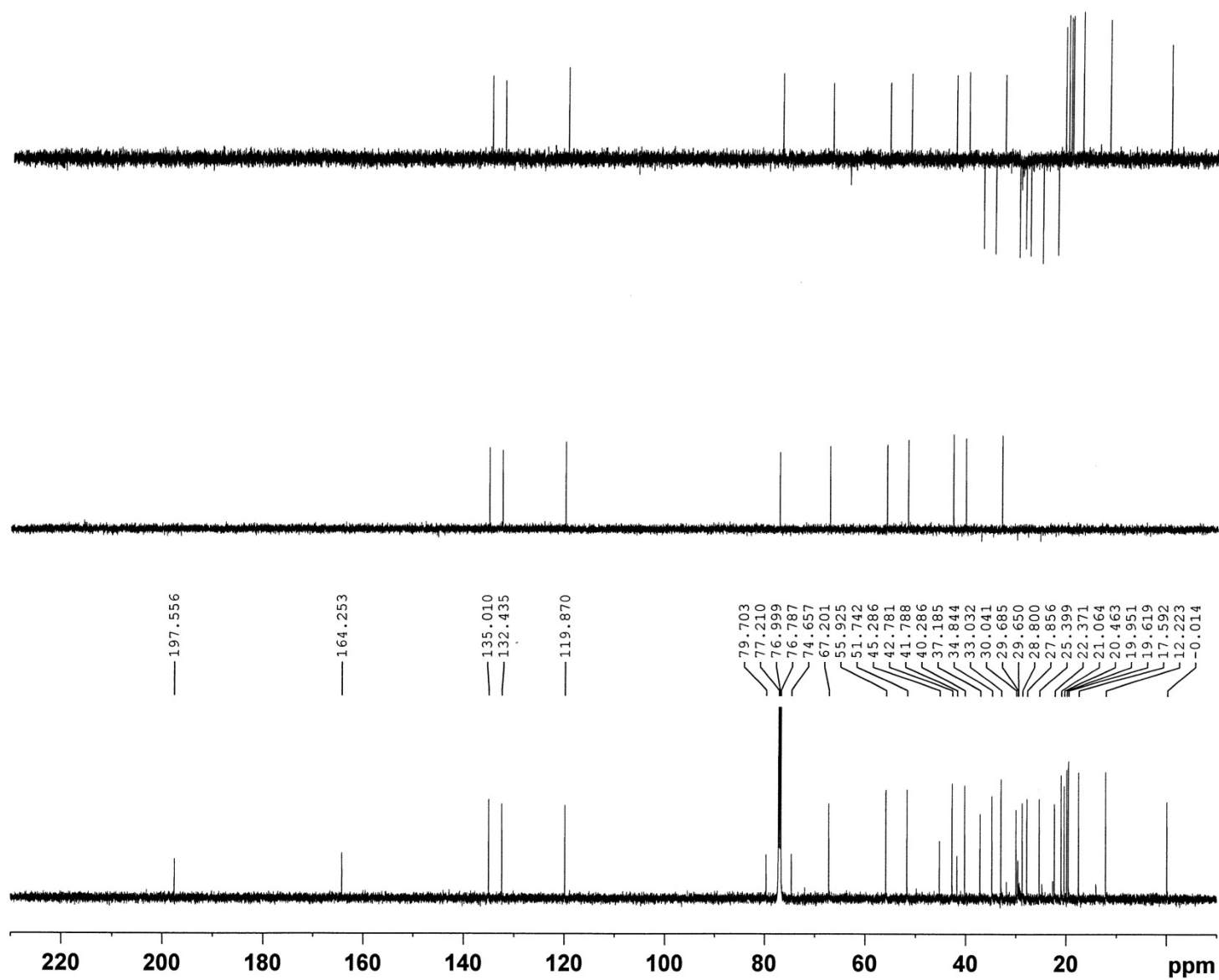


Figure S13. ^{13}C NMR spectrum of compound 3

T: FTMS + p ESI Full ms [120.0000-1000.0000]

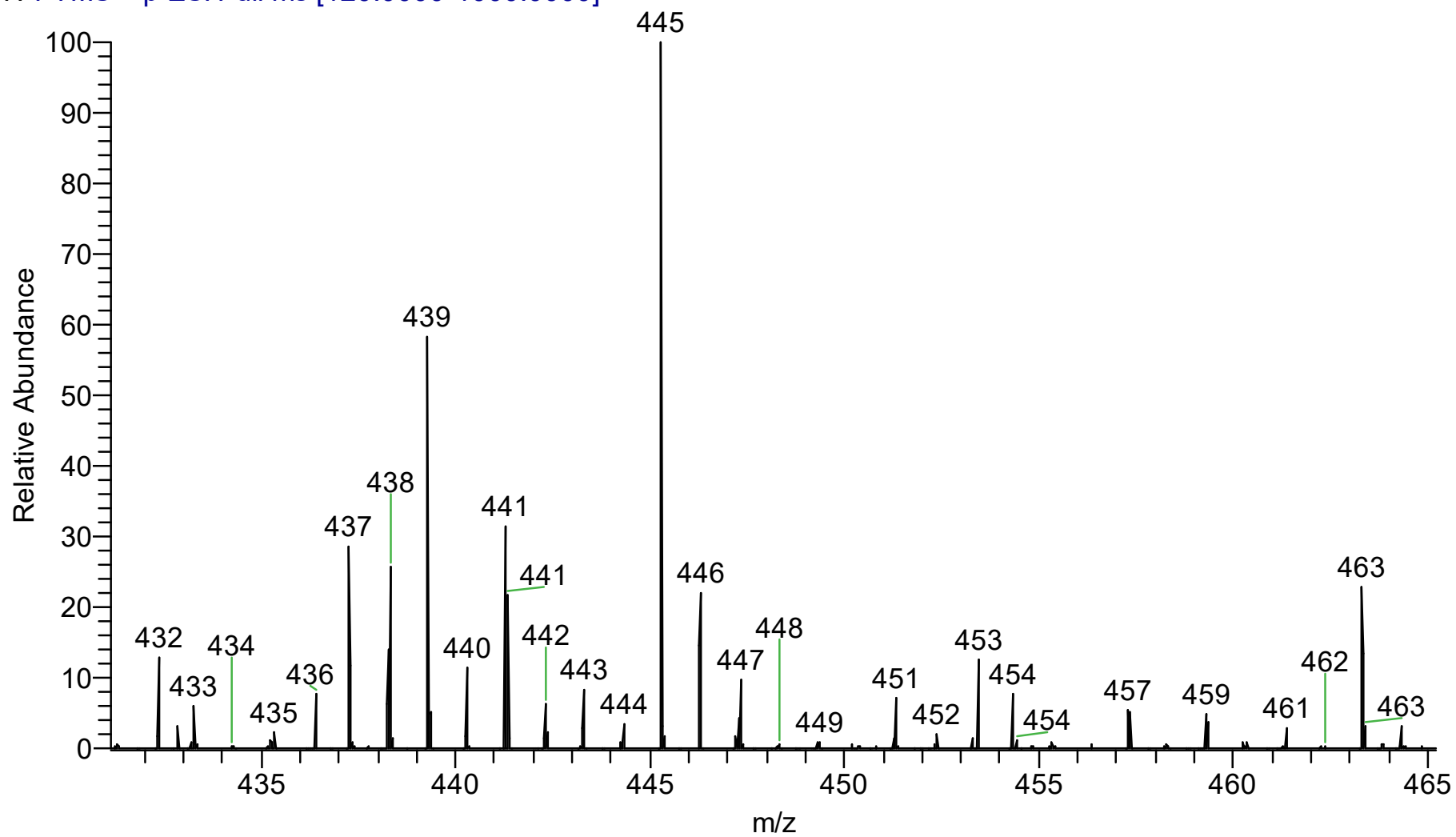


Figure S14. ESI-MS spectrum of compound 3

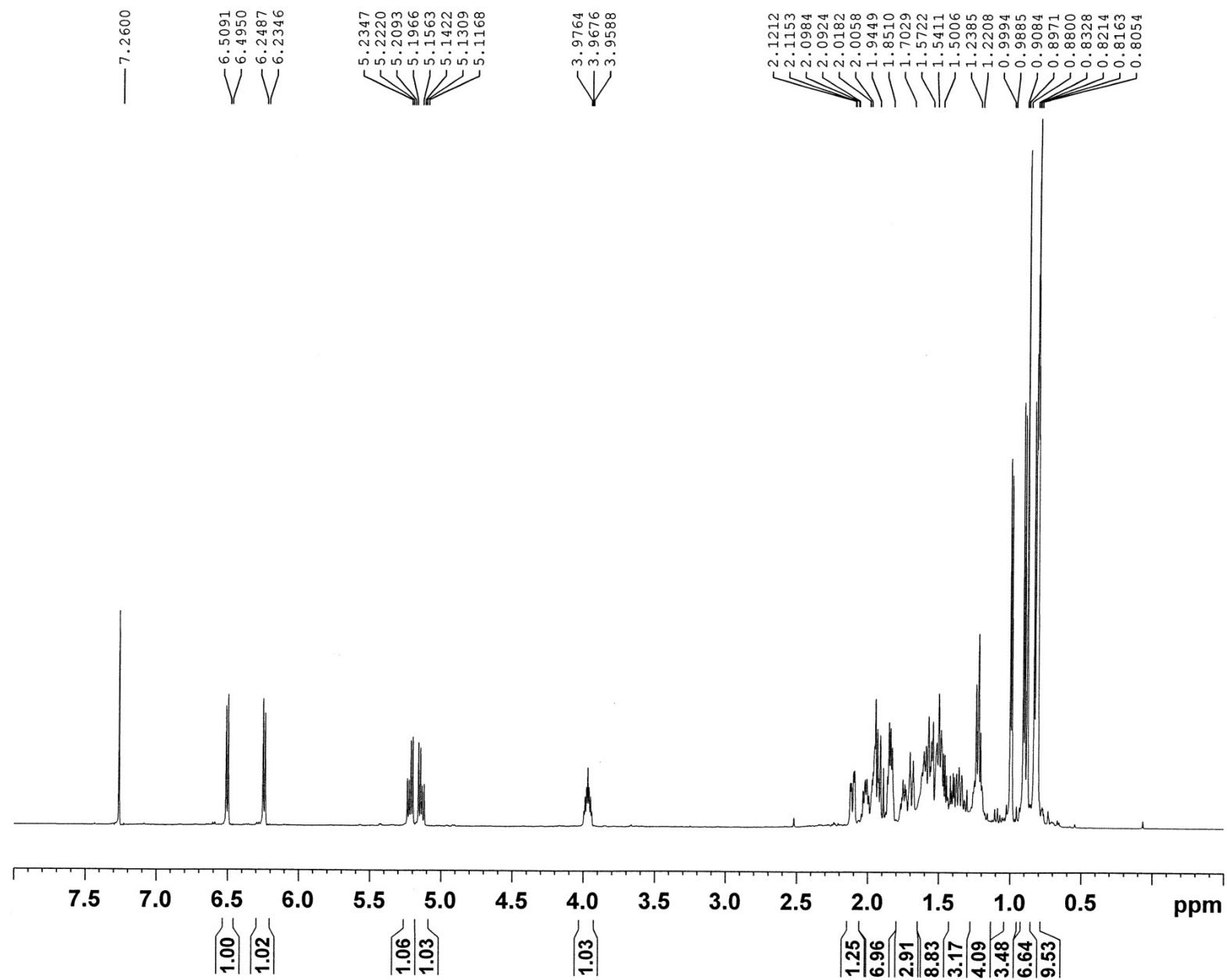


Figure S15. ^1H NMR spectrum of compound **4**

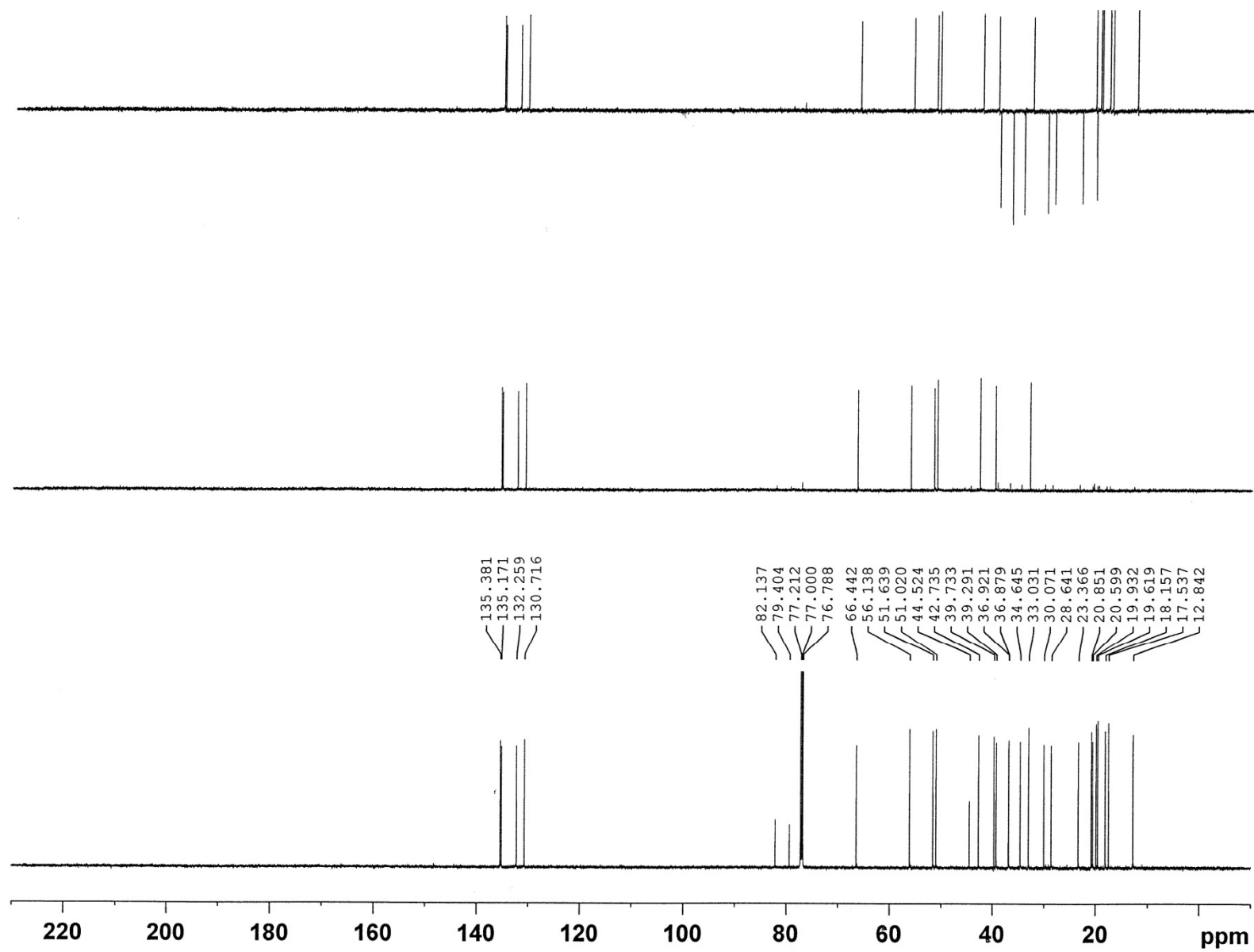


Figure S16. ^{13}C NMR spectrum of compound 4

T: FTMS + p ESI Full ms [70.0000-1050.0000]

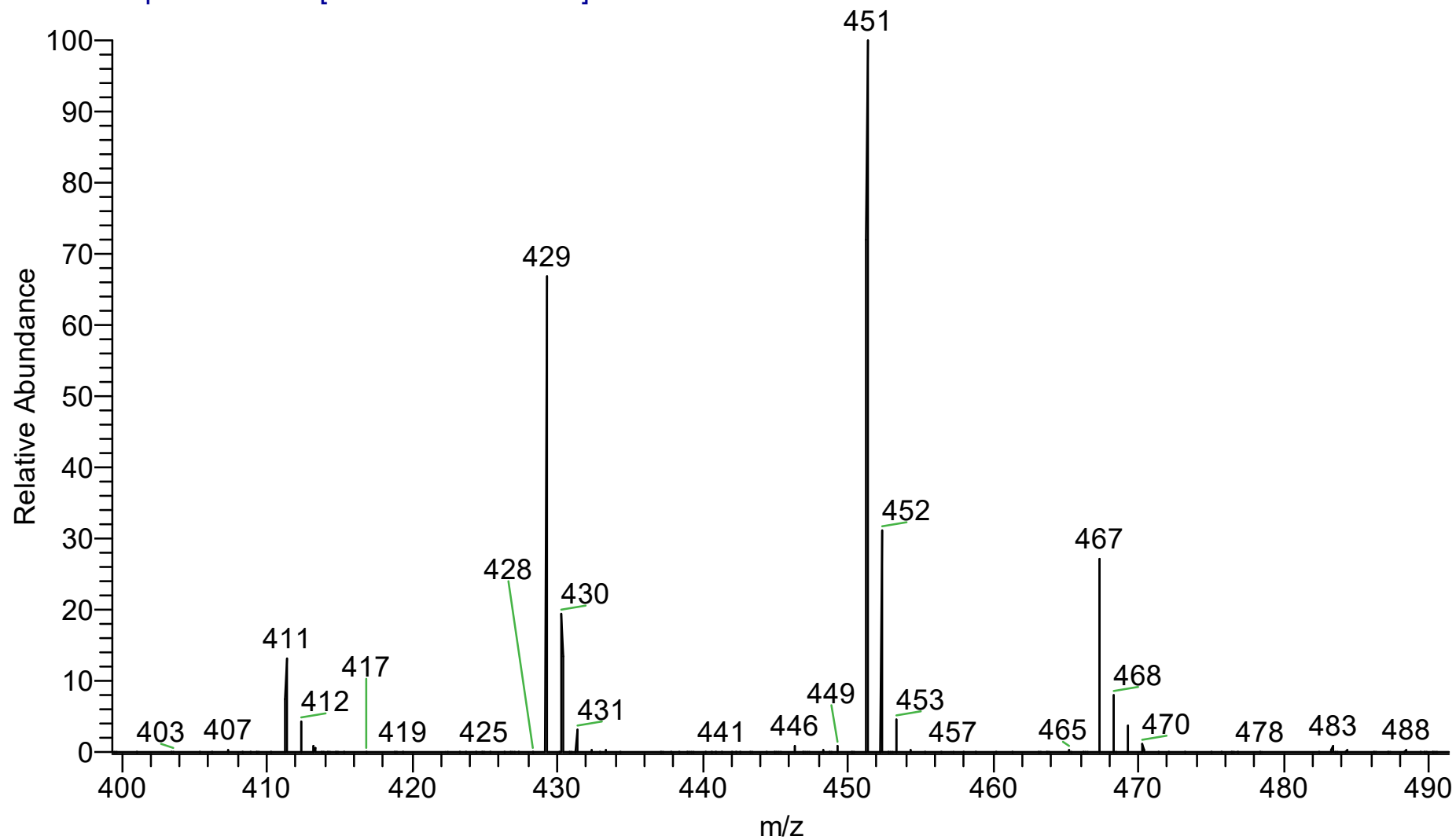


Figure S17. ESI-MS spectrum of compound 4

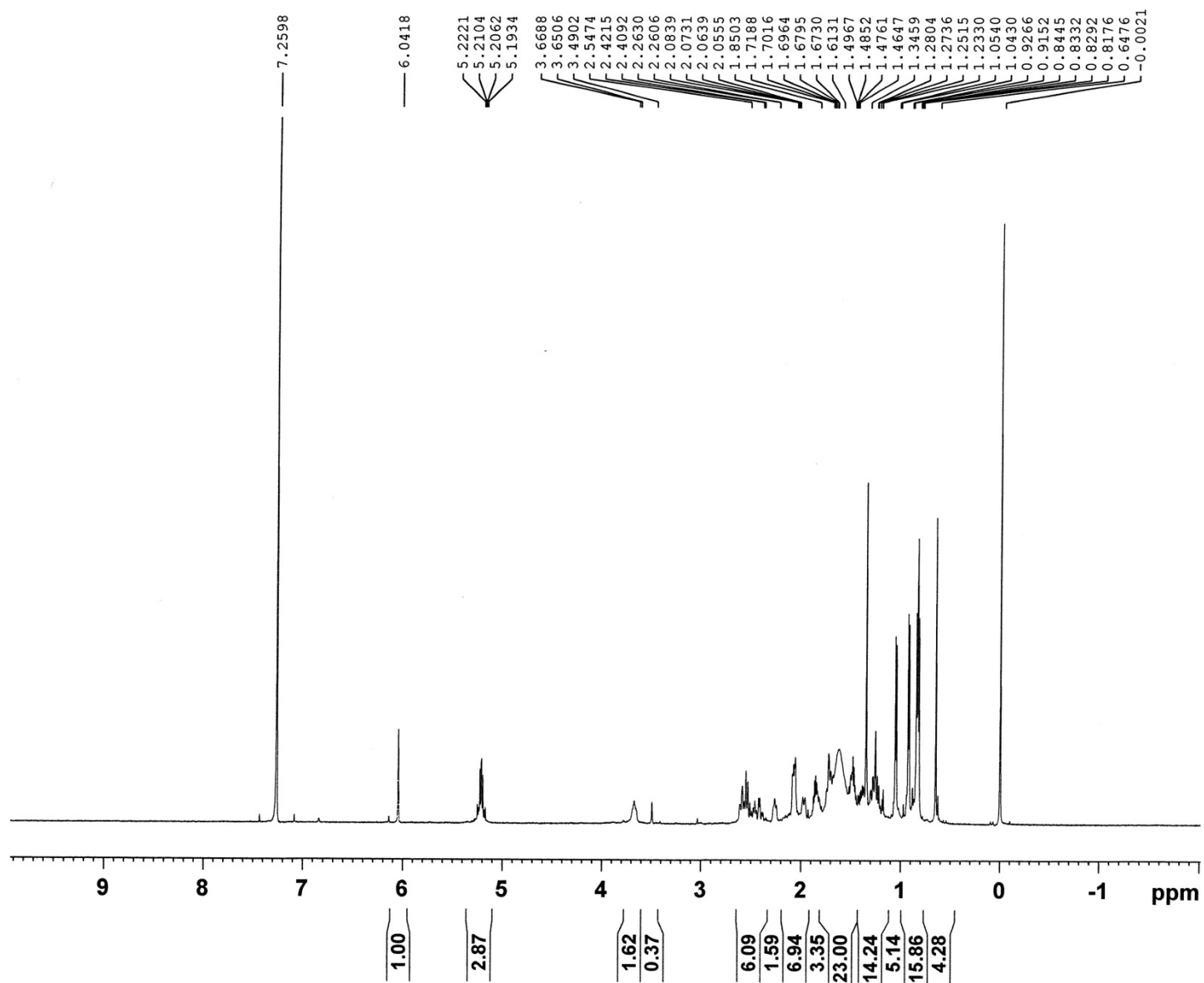


Figure S18. ^1H NMR spectrum of compound **5**

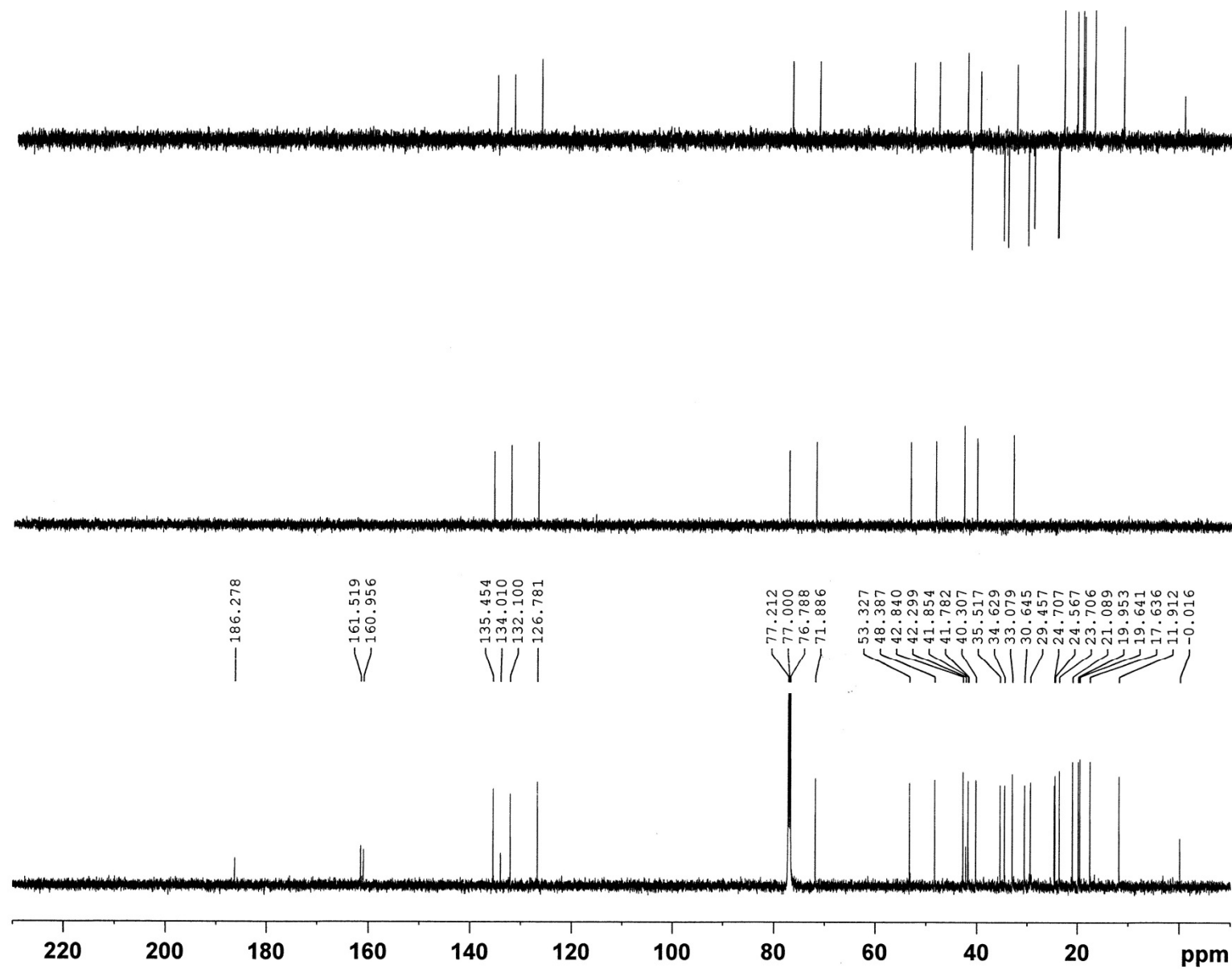


Figure S19. ^{13}C NMR spectrum of compound 5

T: FTMS + p ESI Full ms [120.0000-1000.0000]

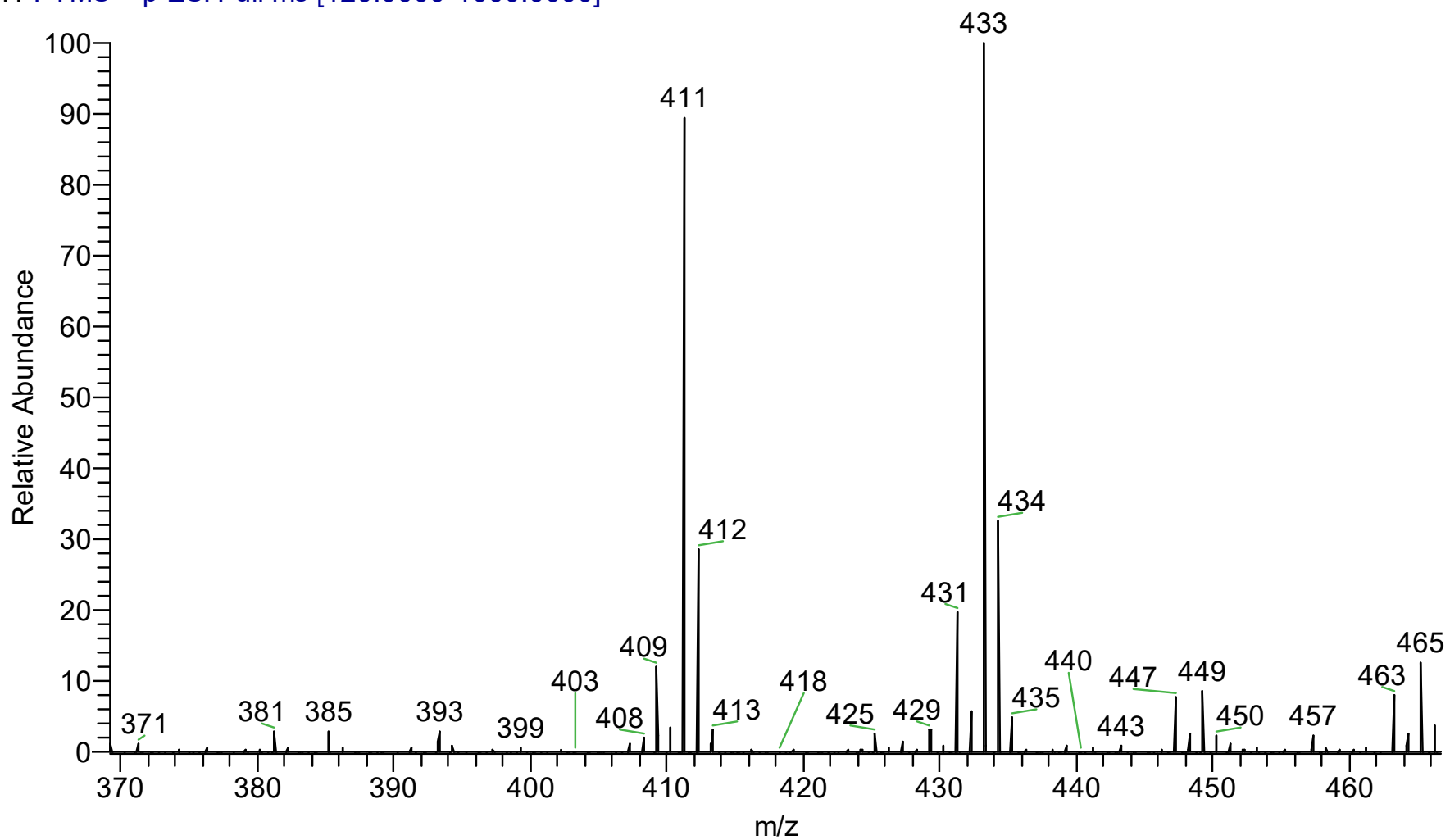


Figure S20. ESI-MS spectrum of compound 5

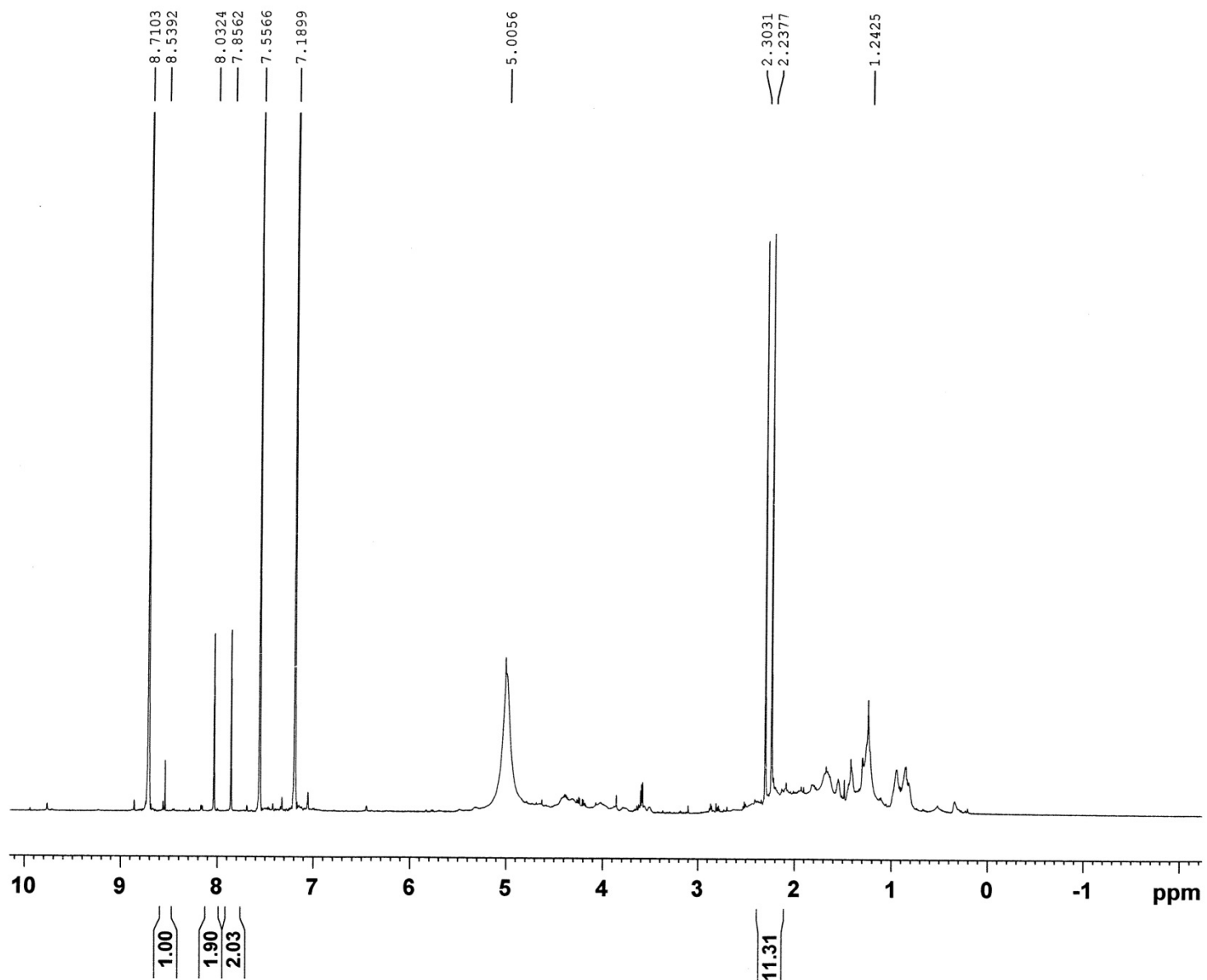


Figure S21. ¹H NMR spectrum of compound 6

T: FTMS + p ESI Full ms [120.0000-1000.0000]

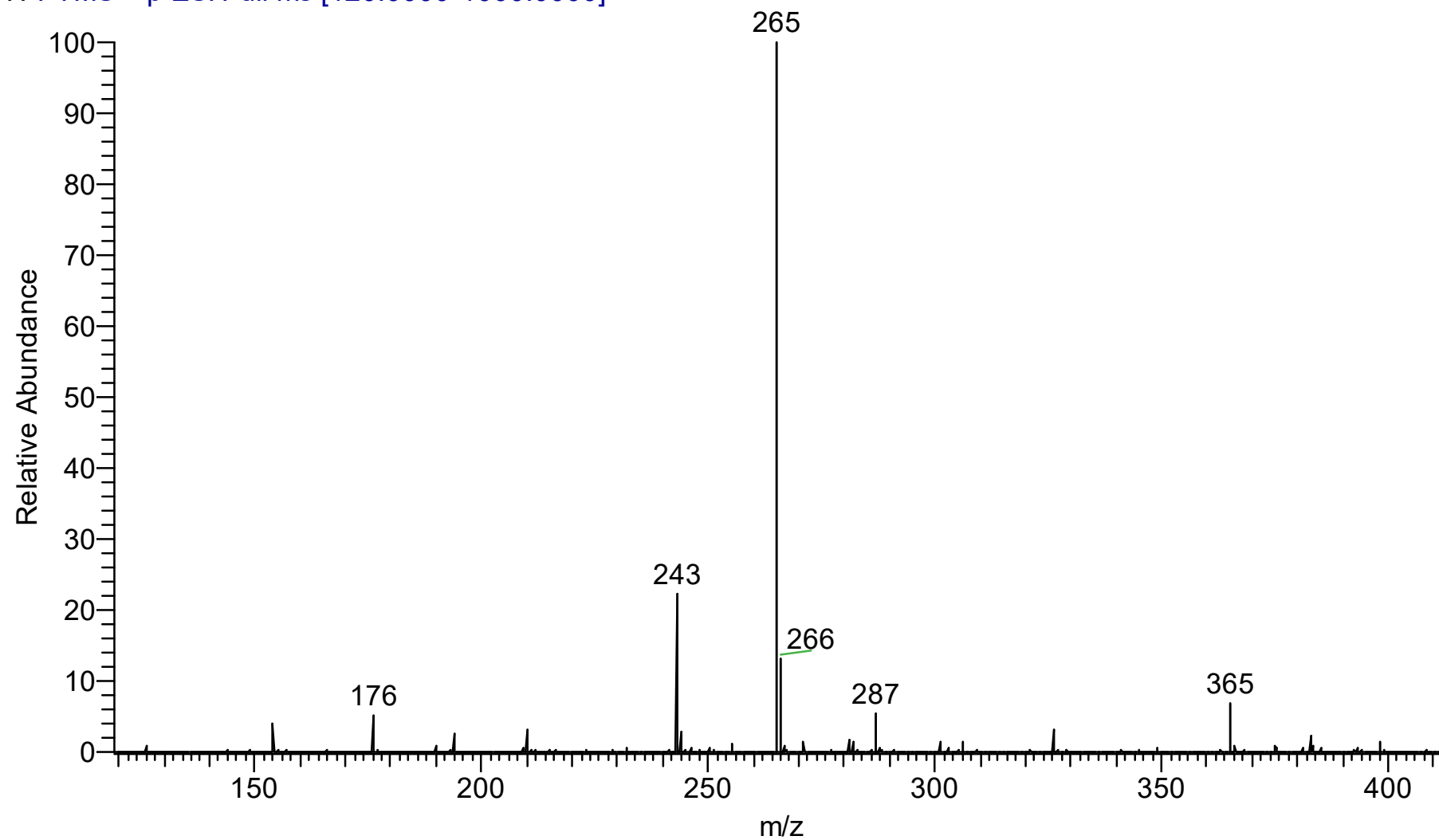


Figure S23. ESI-MS spectrum of compound 6

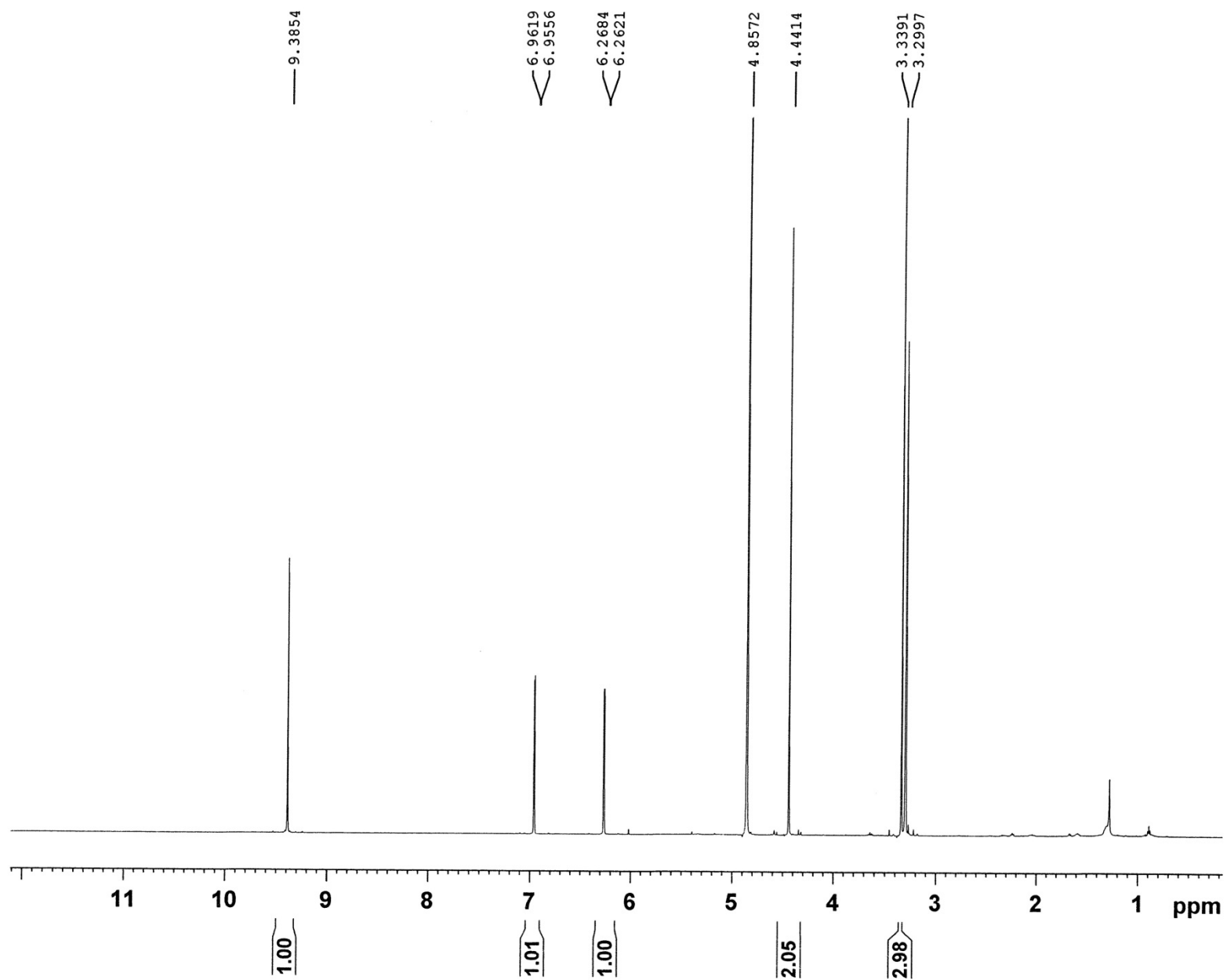


Figure S24. ¹H NMR spectrum of compound 7

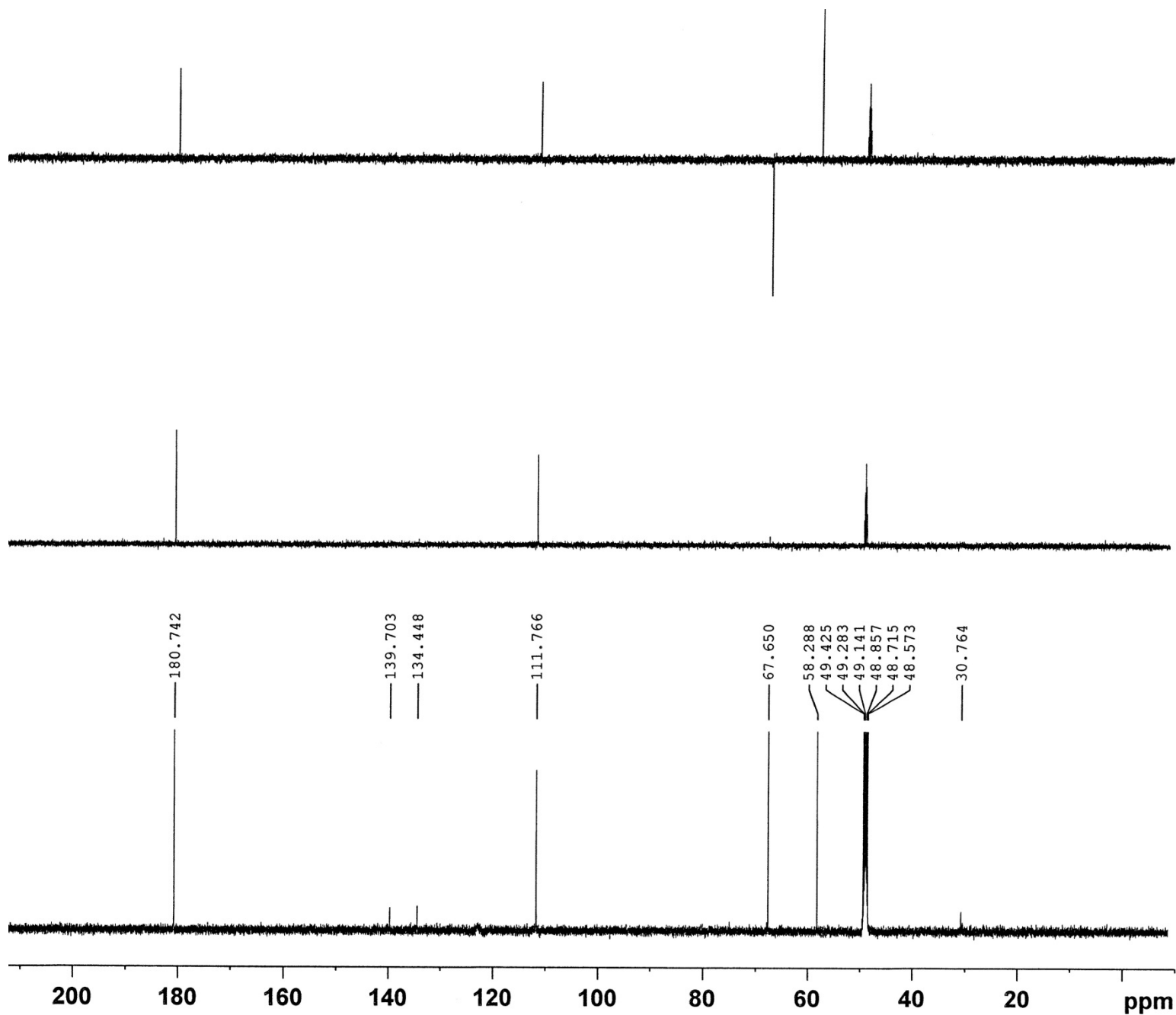


Figure S25. ^{13}C NMR spectrum of compound 7

T: FTMS + p ESI Full ms [120.0000-1000.0000]

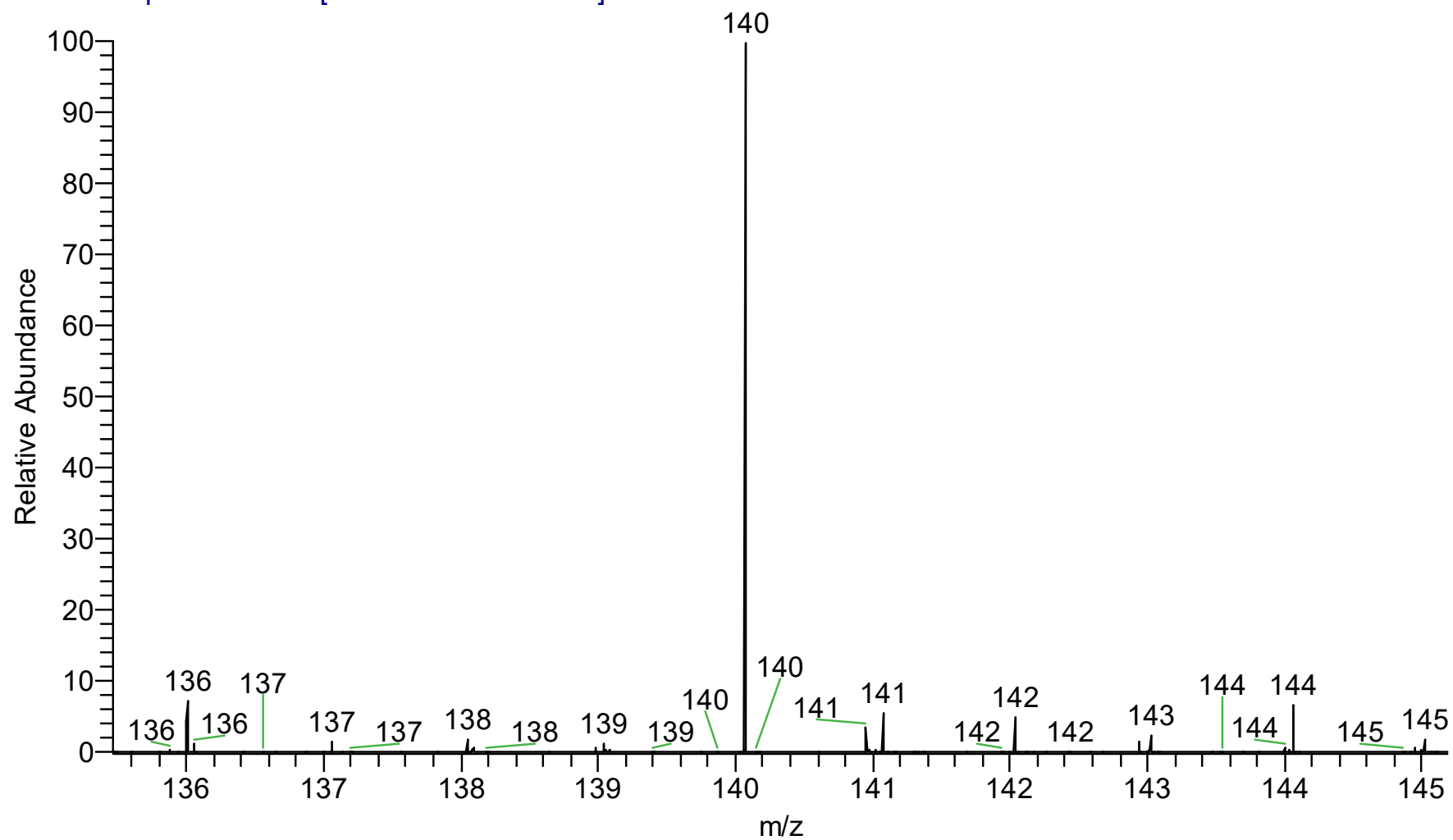


Figure S26. ESI-MS spectrum of compound 7.