Halogenated C_{15} Acetogenin Analogues of Obtusallene III from a *Laurenciella* sp. Collectied in Corsican

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- **Figure S1.** ^{1}H NMR spectrum of compound **1** at 20°C($CDCl_3$, 400 MHz).
- **Figure S2.** ^{1}H NMR spectrum of compound **1** at - 40°C($CDCl_3$, 400 MHz).
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- **Figure S14.** ^{1}H NMR spectrum of compound **2** at 20°C($CDCl_3$, 400 MHz).
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- **Figure S20.** COSY spectrum of compound **2** at +20°C ($CDCl_3$, 400 MHz).
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- **Figure S23.** HRMS spectrum of compound **2** in negative ionization.
- **Figure S24.** HRMS spectrum of compound **2** (Zoom) in negative ionization.
- **Figure S25.** UV spectra of compound **2**.
- **Figure S26.** ^{1}H NMR spectrum of compound **3** at 20°C($CDCl_3$, 400 MHz).
- **Figure S27.** ^{1}H NMR spectrum of compound **3** at - 40°C($CDCl_3$, 400 MHz).
- **Figure S28.** ^{13}C NMR spectrum of compound **3** at 20°C ($CDCl_3$, 125.5 MHz).
- **Figure S29.** ^{13}C NMR spectrum of compound **3** at - 40°C($CDCl_3$, 125.5 MHz).
- **Figure S30.** HMQC spectrum of compound **3** at -40°C ($CDCl_3$, 400 MHz).
- **Figure S31.** HMBC spectrum of compound **3** at -40°C ($CDCl_3$, 400 MHz).

- **Figure S32.** COSY spectrum of compound **3** at +20°C ($CDCl_3$, 400 MHz).
- **Figure S33.** COSY spectrum of compound **3** at -40°C ($CDCl_3$, 400 MHz).
- **Figure S34.** NOESY spectrum of compound **3** at +20°C ($CDCl_3$, 400 MHz).
- **Figure S35.** HRMS spectrum of compound **3** in negative ionization.
- **Figure S36.** UV spectra of compound **3**.
- **Figure S37.** ^{1}H NMR spectrum of compound **4** at 20°C($CDCl_3$, 400 MHz).
- **Figure S38.** ^{1}H NMR spectrum of compound **4** at - 40°C($CDCl_3$, 400 MHz).
- **Figure S39.** ^{13}C NMR spectrum of compound **4** at 20°C ($CDCl_3$, 125.5 MHz).
- **Figure S40.** HMQC spectrum of compound **4** at -40°C ($CDCl_3$, 400 MHz).
- **Figure S41.** HMBC spectrum of compound **4** at -40°C ($CDCl_3$, 400 MHz).
- **Figure S42.** COSY spectrum of compound **4** at +20°C ($CDCl_3$, 400 MHz).
- **Figure S43.** COSY spectrum of compound **4** at -40°C ($CDCl_3$, 400 MHz).
- **Figure S44.** NOESY spectrum of compound **4** at +20°C ($CDCl_3$, 400 MHz).
- **Figure S45.** UV spectra of compound **4**.
- **Figure S46.** HRMS spectrum of compound **4 (**Zoom**)** negative ionization.
- **Figure S47.** HRMS spectrum of compound **4 (**Zoom**)** positive ionization.
- **Figure S48.** ^{1}H NMR spectrum of compound **5** ($CDCl_3$, 400 MHz).
- **Figure S49.** ^{13}C NMR spectrum of compound **5** ($CDCl_3$, 125.5 MHz).
- **Figure S50.** HSQC spectrum of compound **5** ($CDCl_3$, 400 MHz).
- **Figure S51.** HMBC spectrum of compound **5** ($CDCl_3$, 400 MHz).
- **Figure S52.** COSY spectrum of compound **5** ($CDCl_3$, 400 MHz).
- **Figure S53.** NOESY spectrum of compound **5** ($CDCl_3$, 400 MHz).
- **Figure S54.** UV spectra of compound **5**.
- **Figure S55.** HRMS spectrum of compound **5** in positive ionization.
- **Figure S56.** ^{1}H NMR spectrum of compound **6** ($CDCl_3$, 400 MHz).
- **Figure S57.** Experimental CD spectra of **6** in MeOH
- **Figure S58.** Picture of a specimen of *Laurenciella* sp. collected in Ajaccio bay, Corsica, France.
- **Figure S59.** Known C_{15} acetogenins and sesquiterpens identified from *Laurenciella* sp. extract.
- **Table S60**. Crystallographic and structure refinement parameters for **1**.

Figure S1. ^{1}H NMR spectrum of compound **1** at 20°C ($CDCl_3$, 400 MHz).

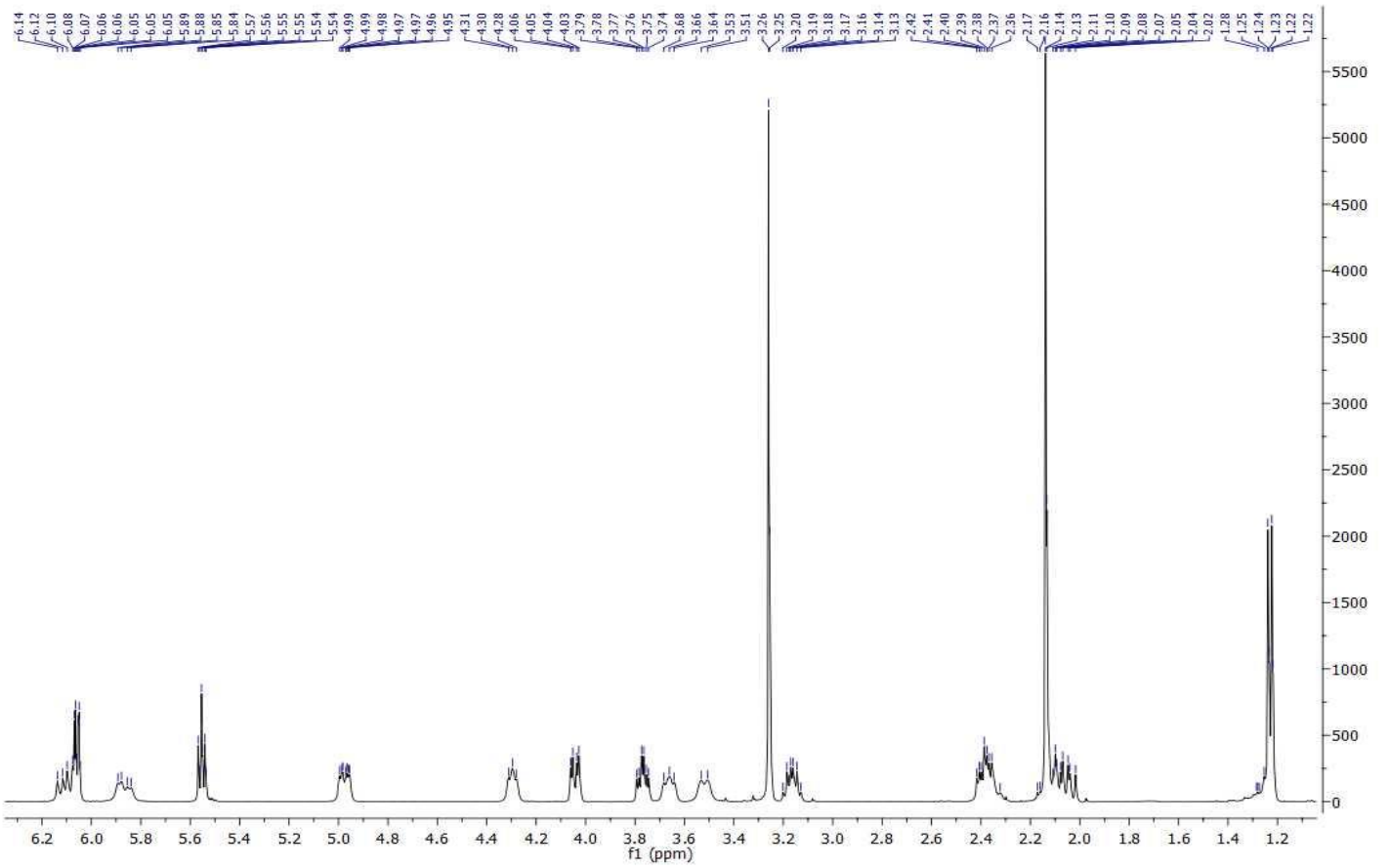


Figure S2. ^{1}H NMR spectrum of compound **1** at - 40°C ($CDCl_3$, 400 MHz).

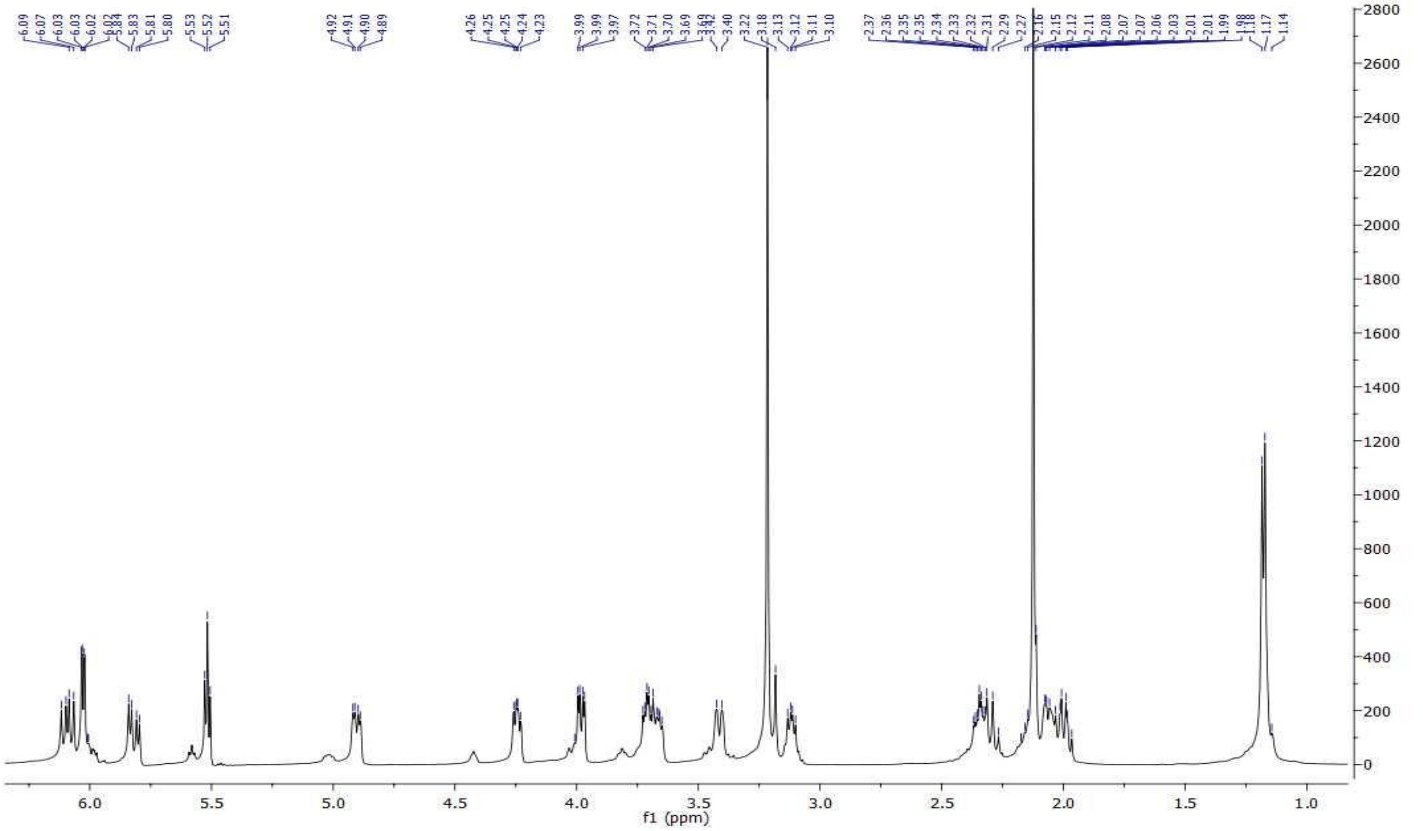


Figure S3. ^{13}C NMR spectrum of compound **1** at 20°C ($CDCl_3$, 125.5 MHz).

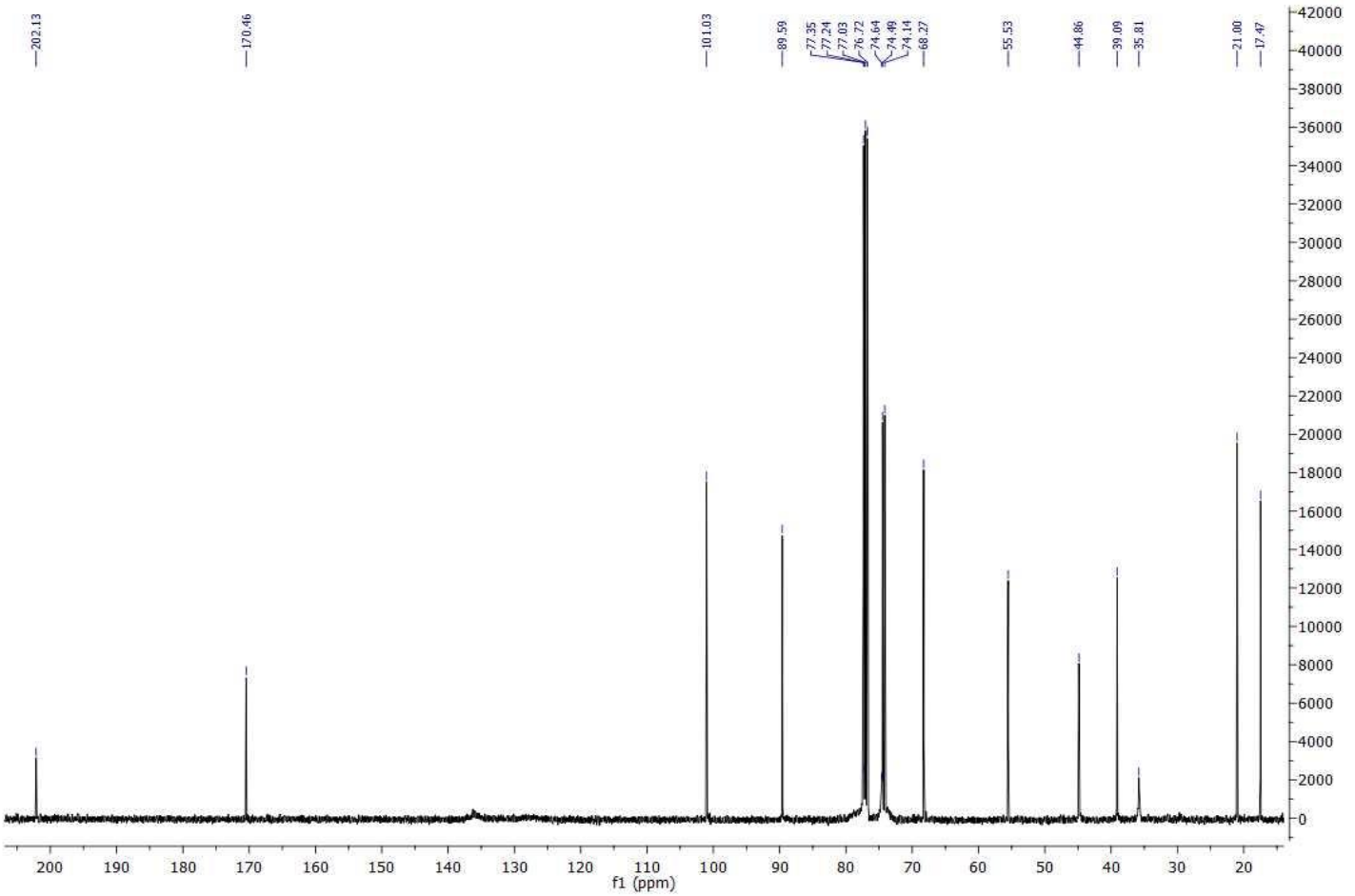


Figure S4. ^{13}C NMR spectrum of compound **1** at - 40°C ($CDCl_3$, 125.5 MHz).

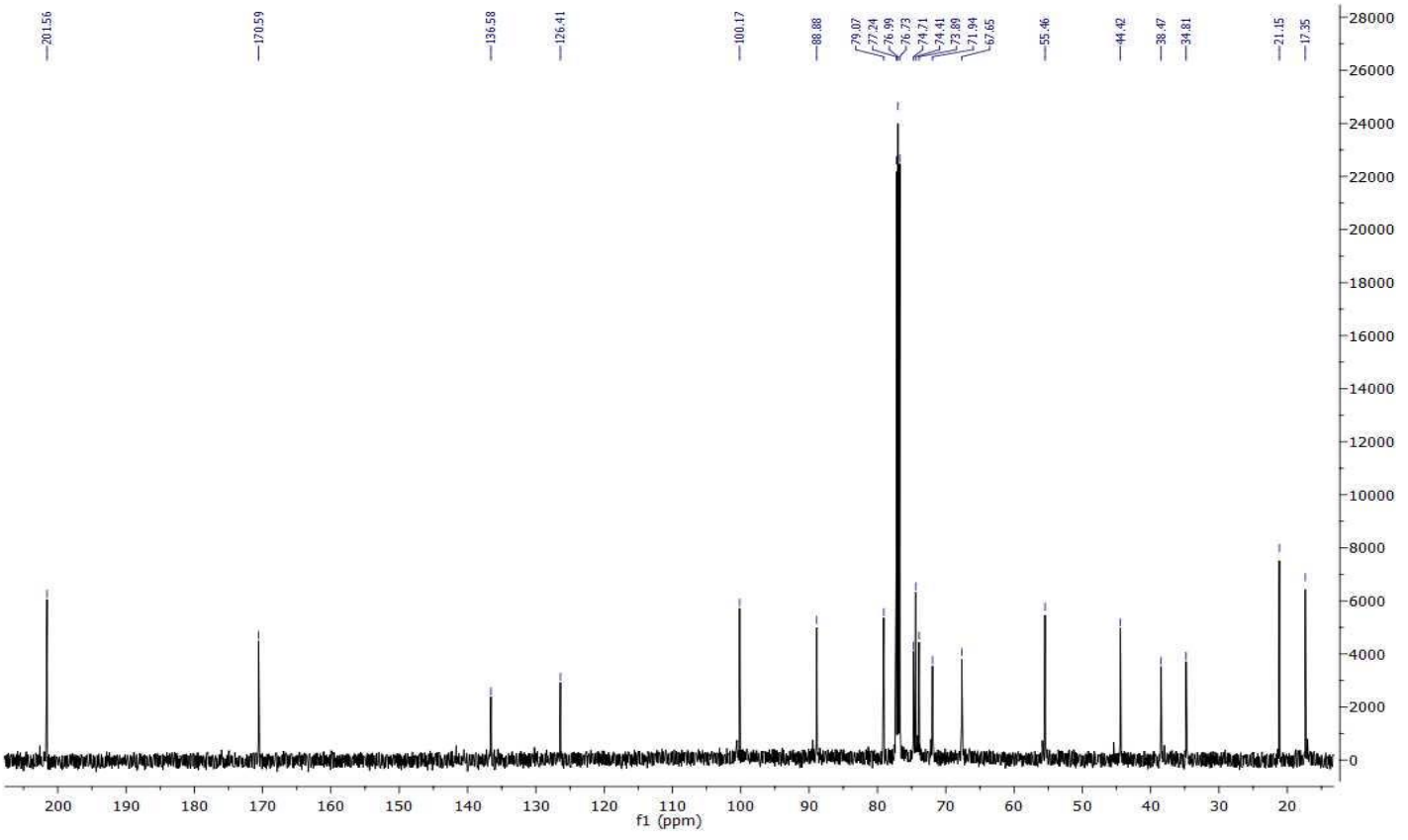


Figure S5. HMQC spectrum of compound **1** at - 40°C ($CDCl_3$, 400.0 MHz).

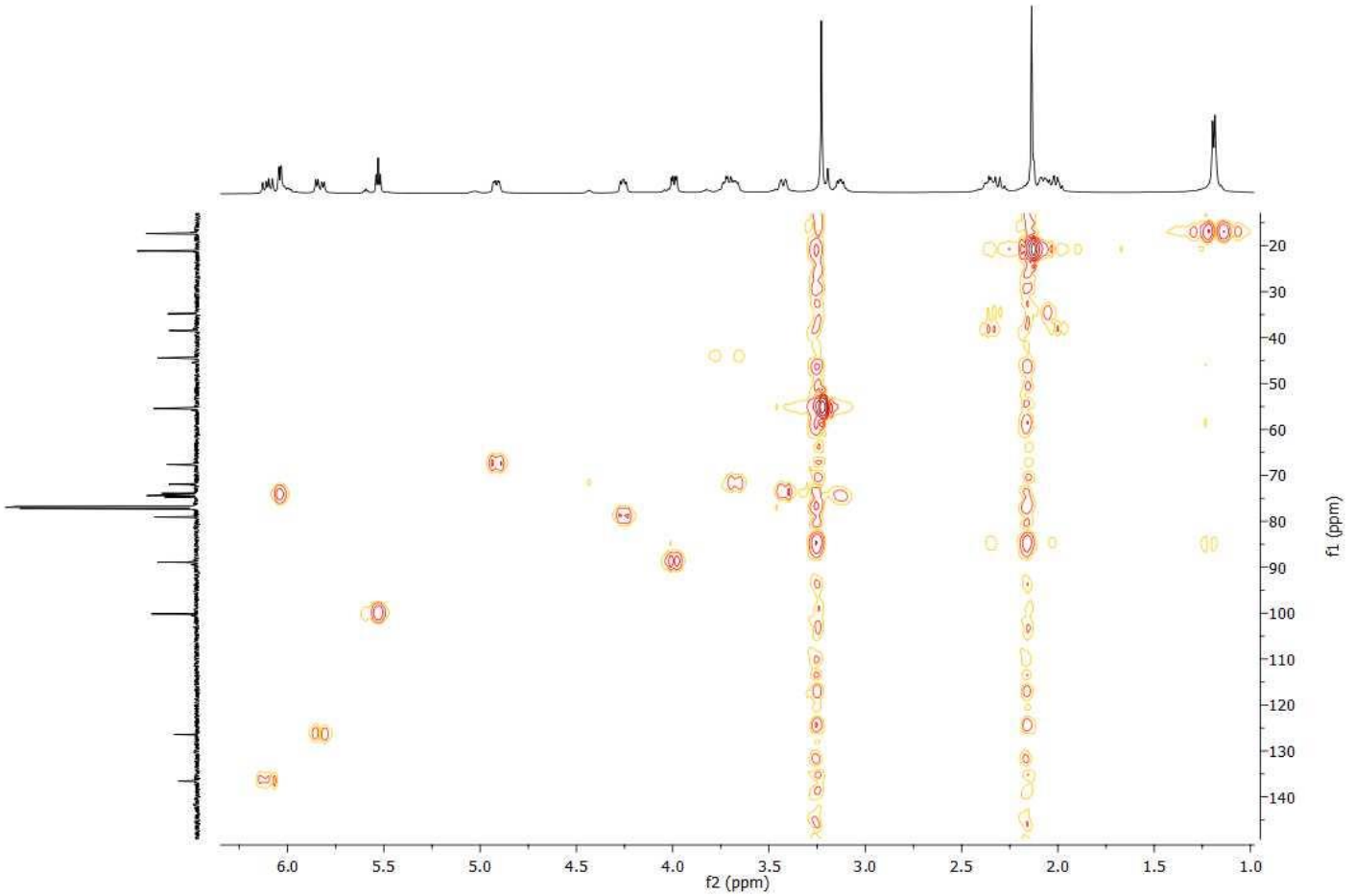


Figure S6. HMBC spectrum of compound **1** at - 40°C ($CDCl_3$, 400.0 MHz).

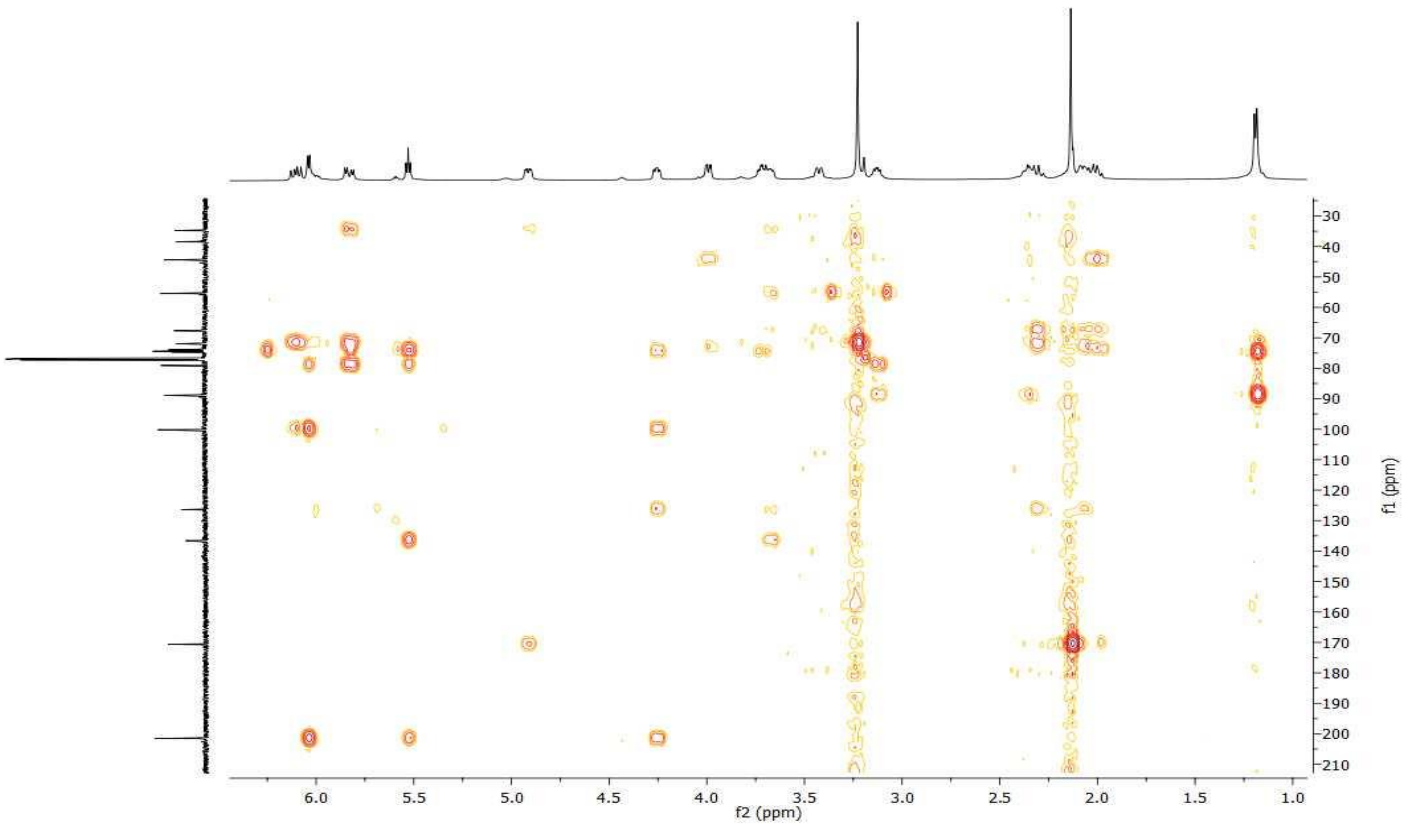


Figure S7. COSY spectrum of compound **1** at 20°C ($CDCl_3$, 400.0 MHz).

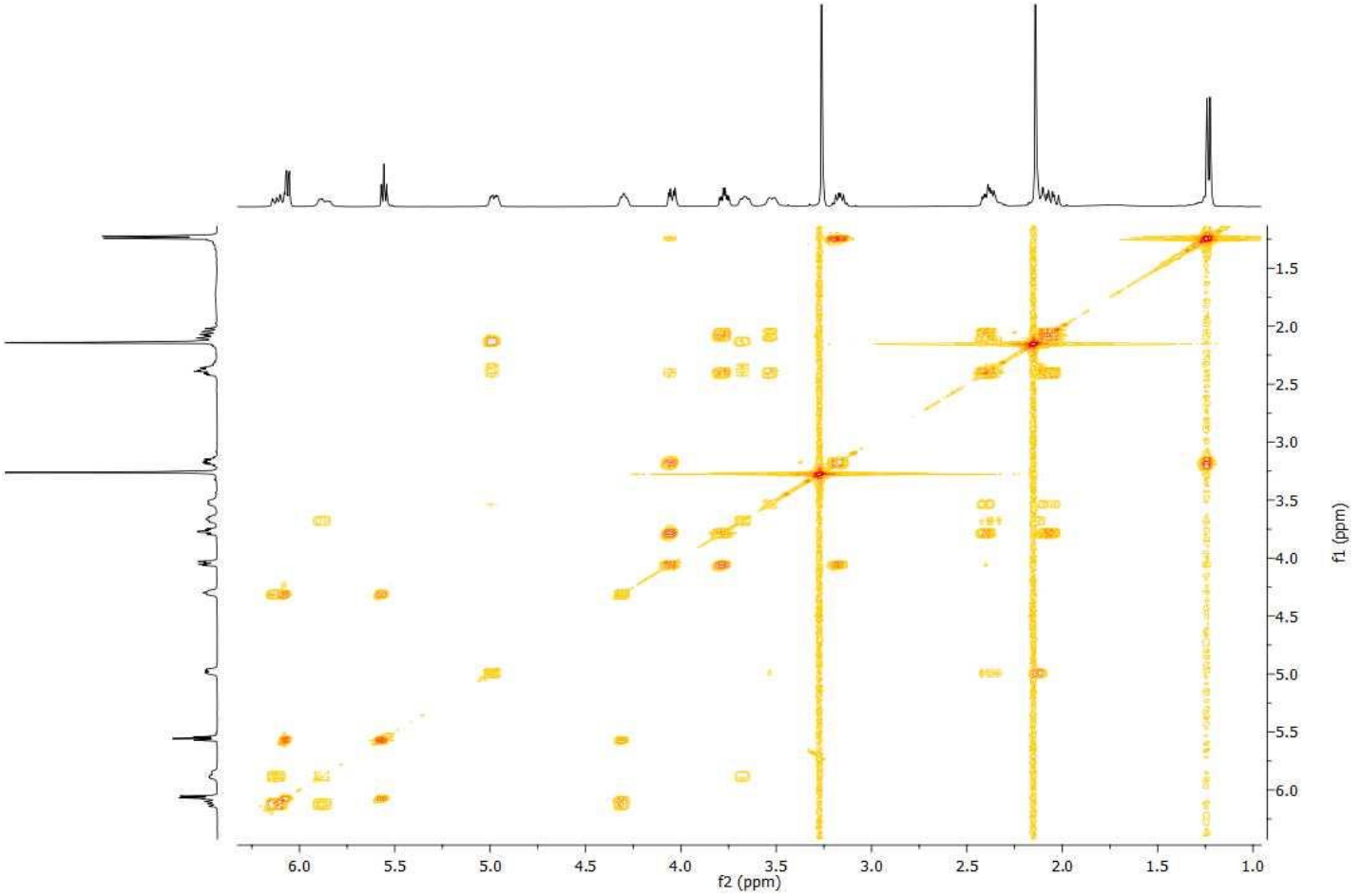


Figure S8. COSY spectrum of compound **1** at - 40°C ($CDCl_3$, 400.0 MHz).

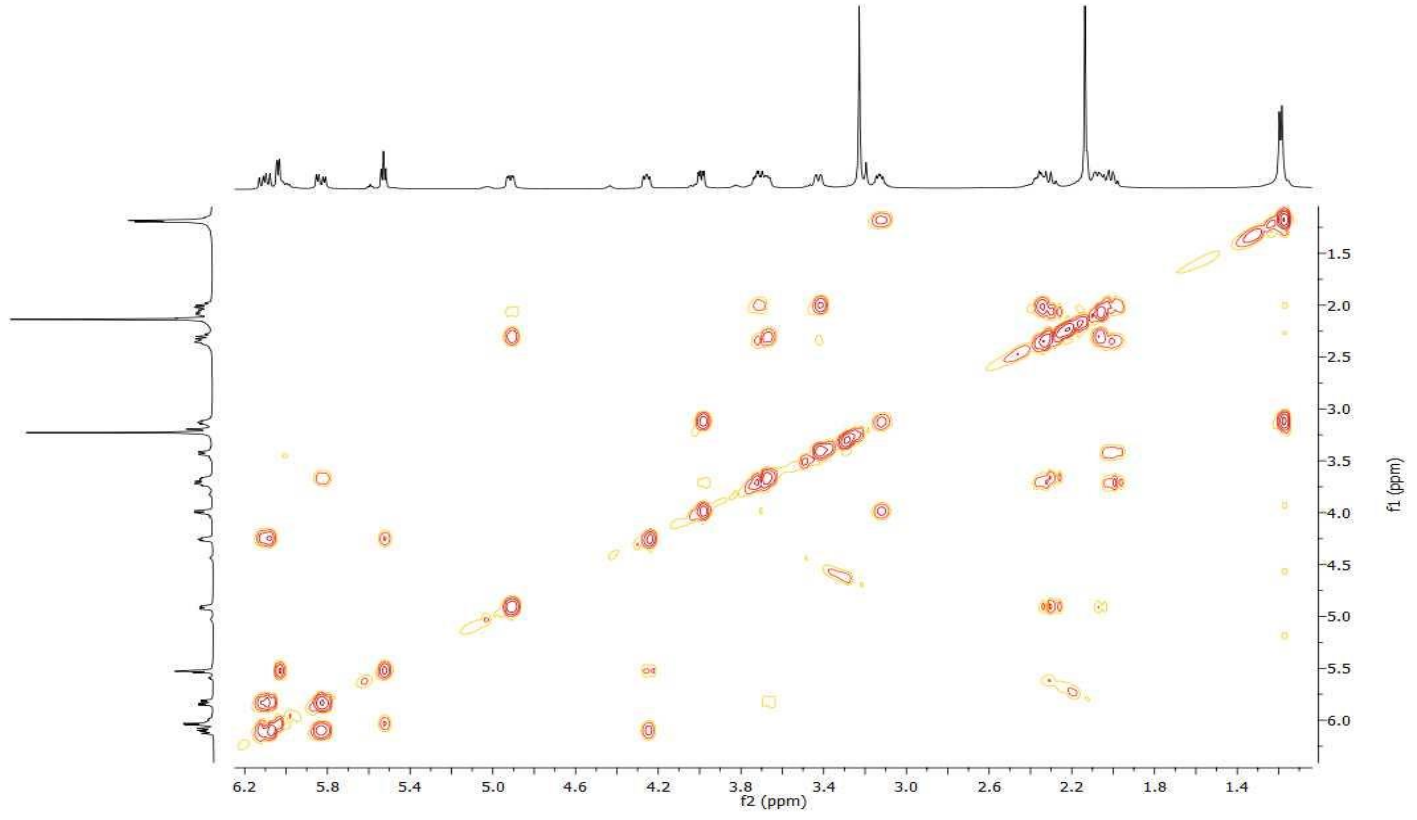


Figure S9. NOESY spectrum of compound **1** at 20°C ($CDCl_3$, 125.5 MHz).

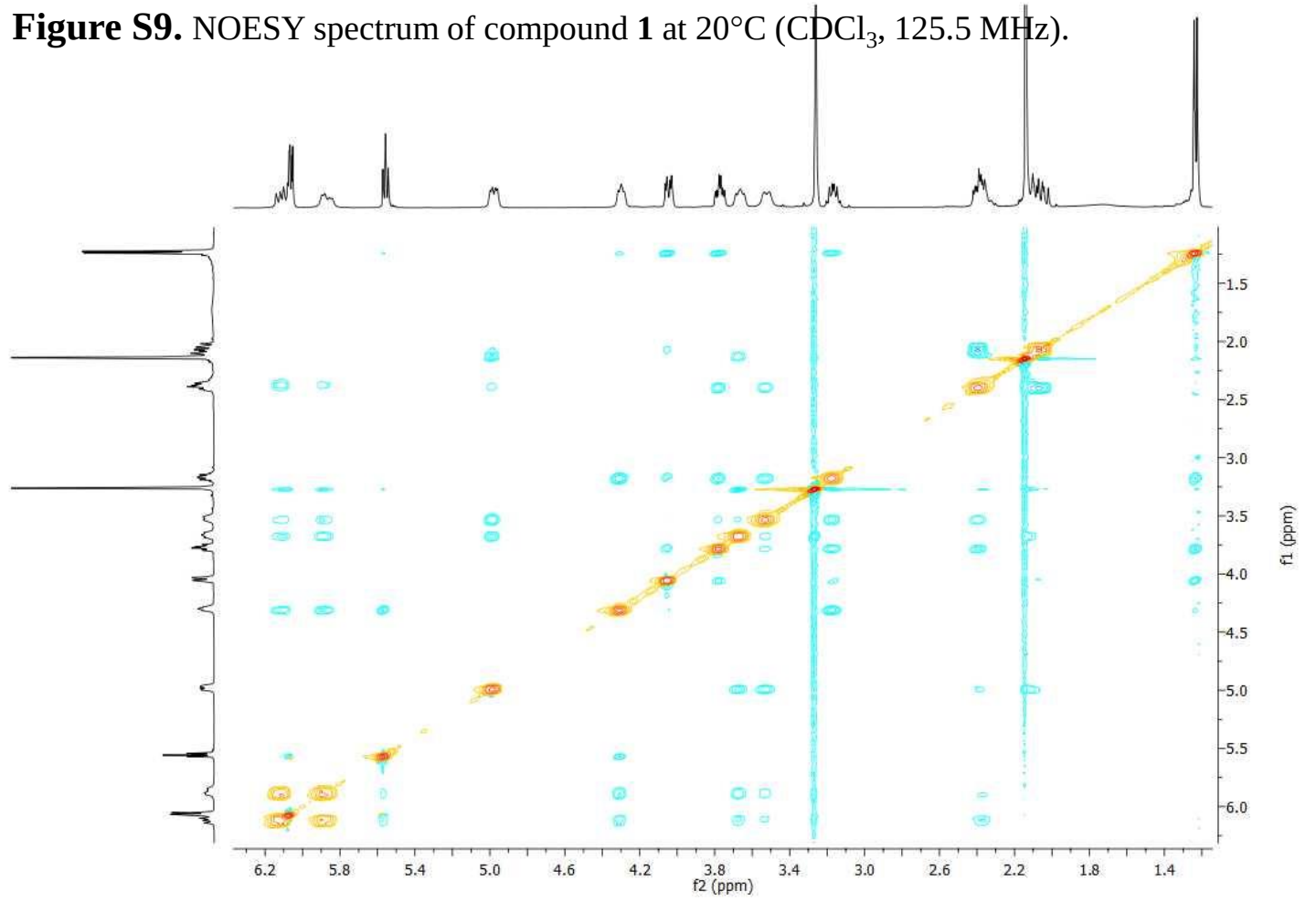


Figure S10. HRMS spectrum of compound **1** in negative ionization.

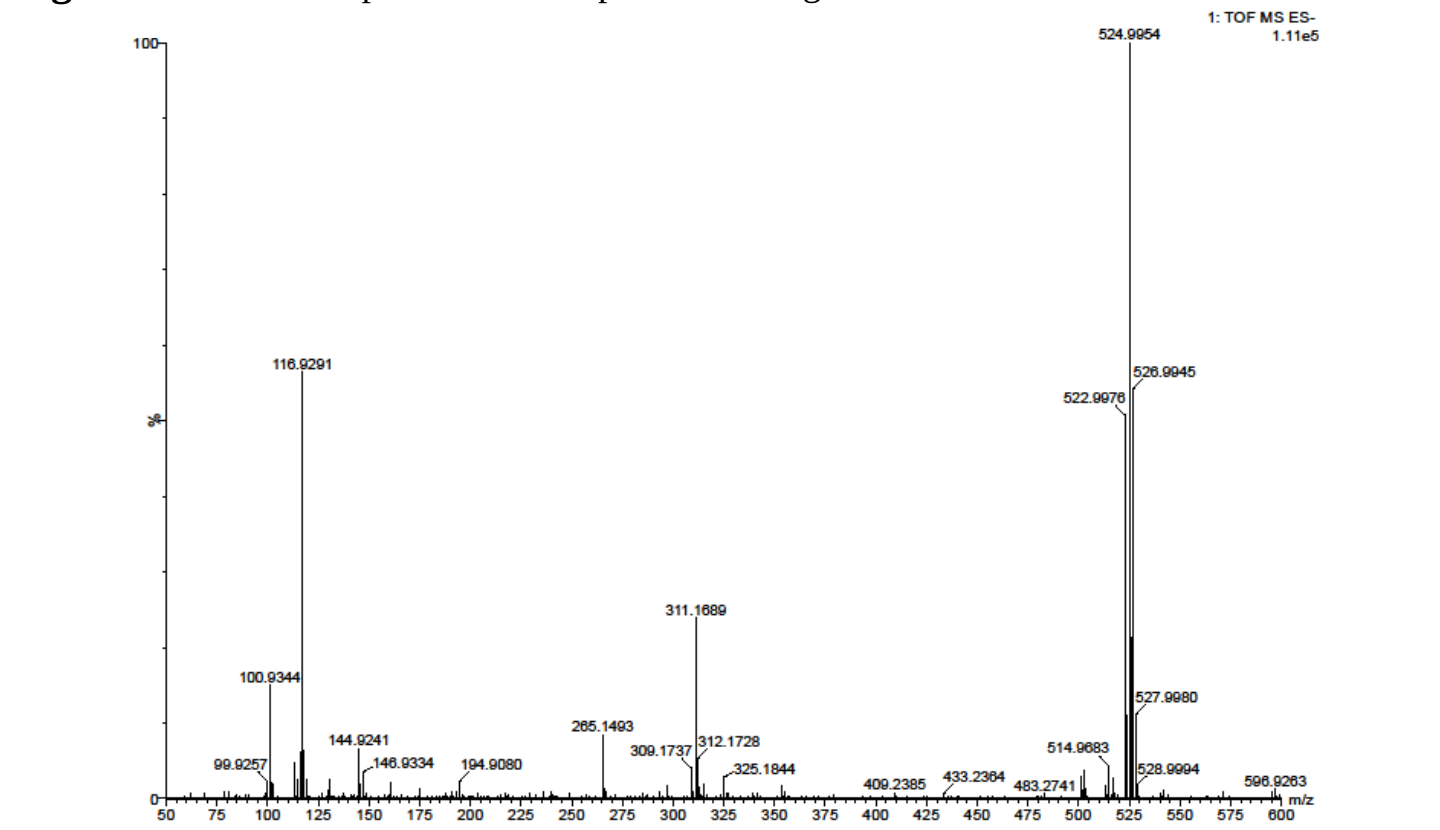


Figure S11. HRMS spectrum of compound **1 (**Zoom**)** in negative ionization**.**

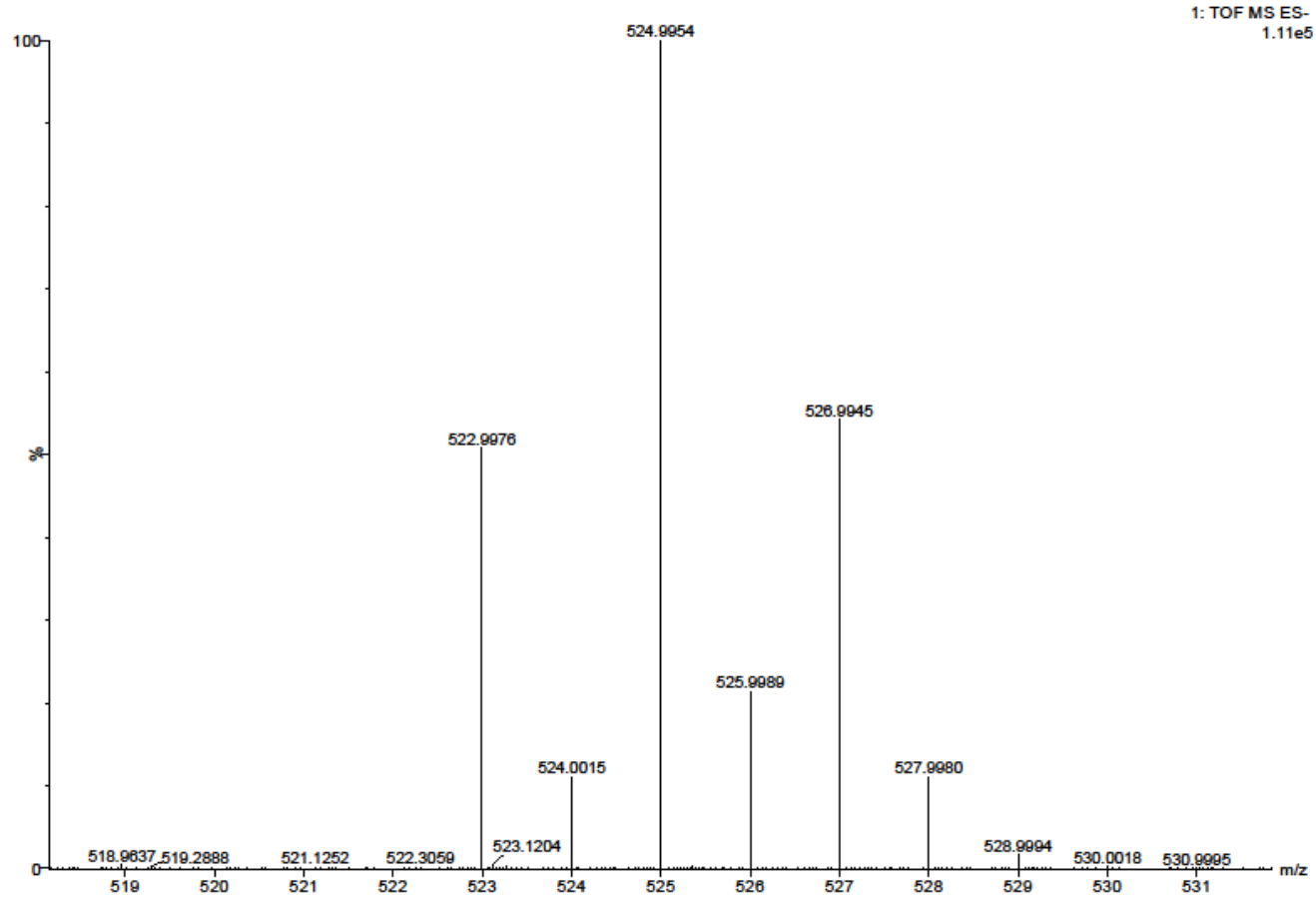


Figure S12. UV spectrum of compound **1.**

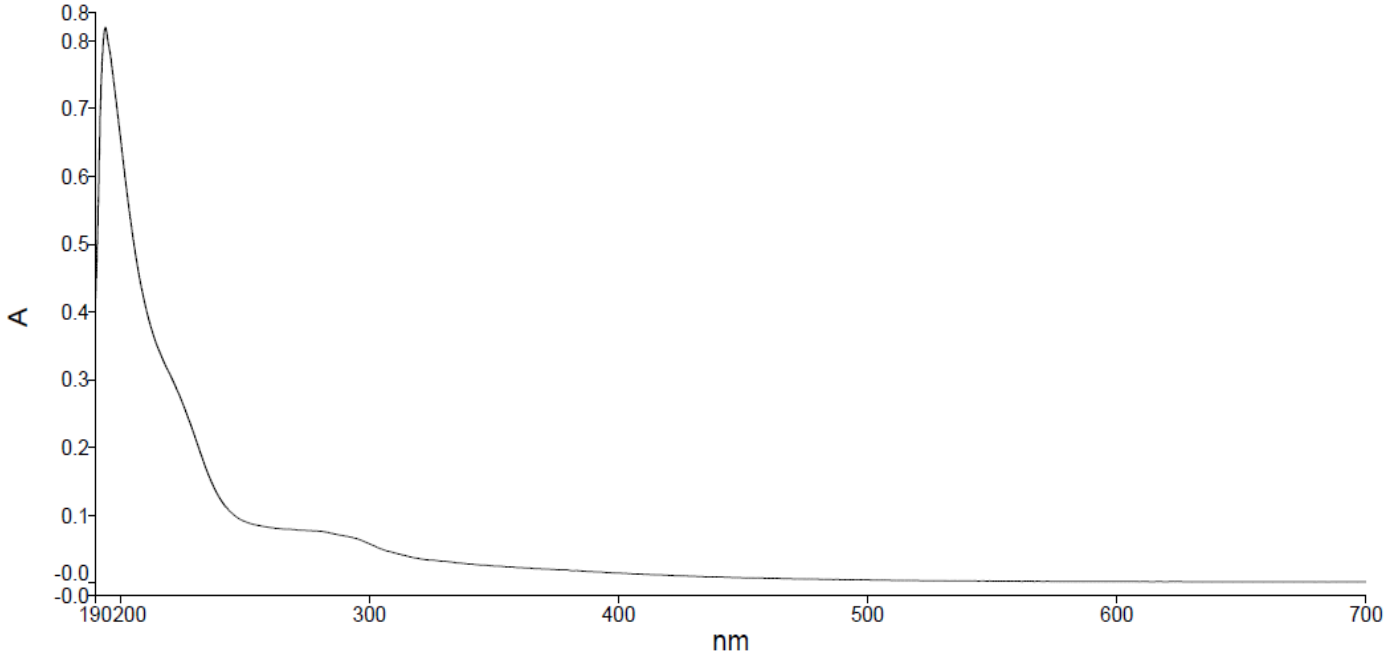


Figure S13. Experimental ECD spectra of **1.**

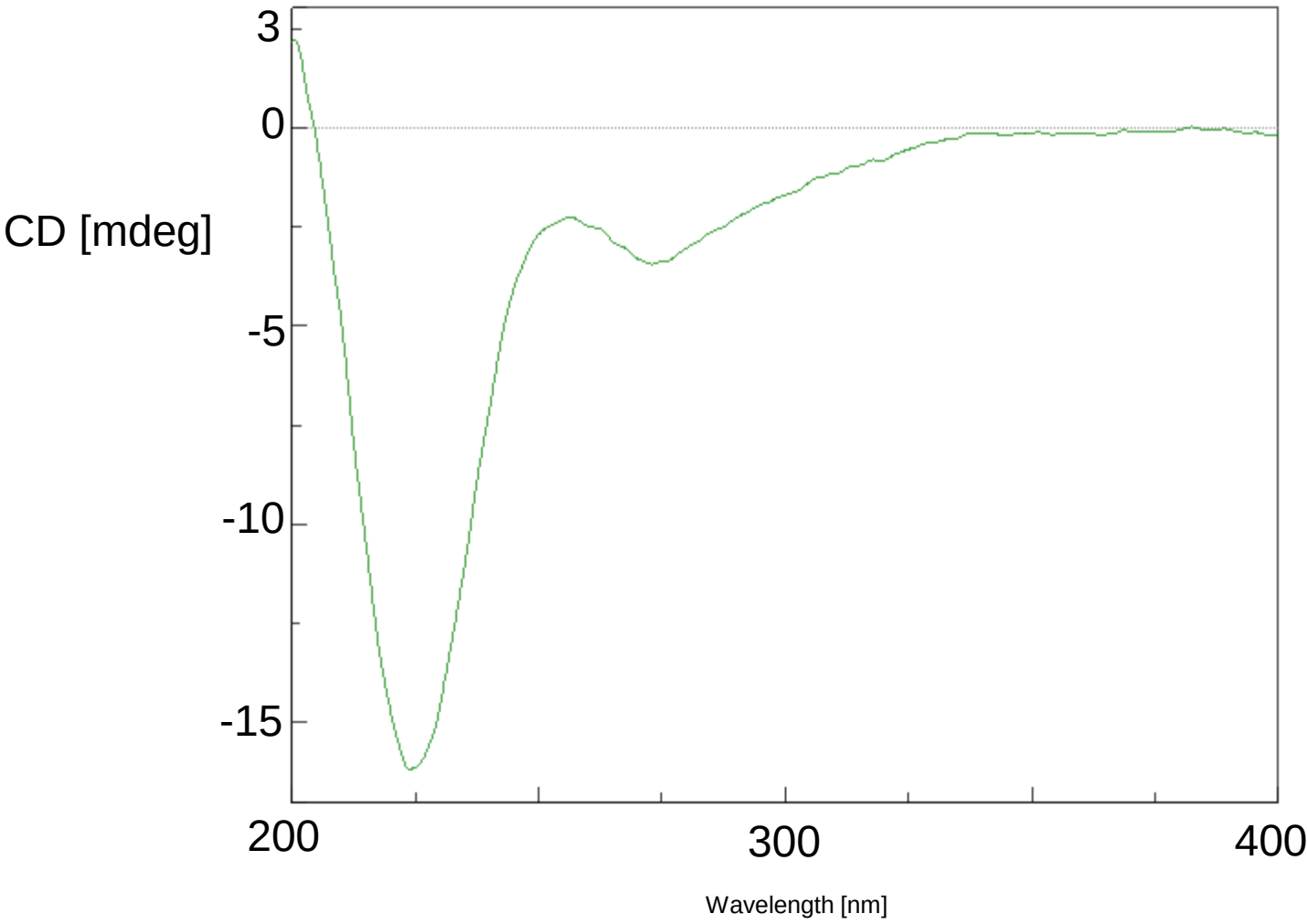


Figure S14. ^{1}H NMR spectrum of compound **2** at 20°C ($CDCl_3$, 400 MHz).

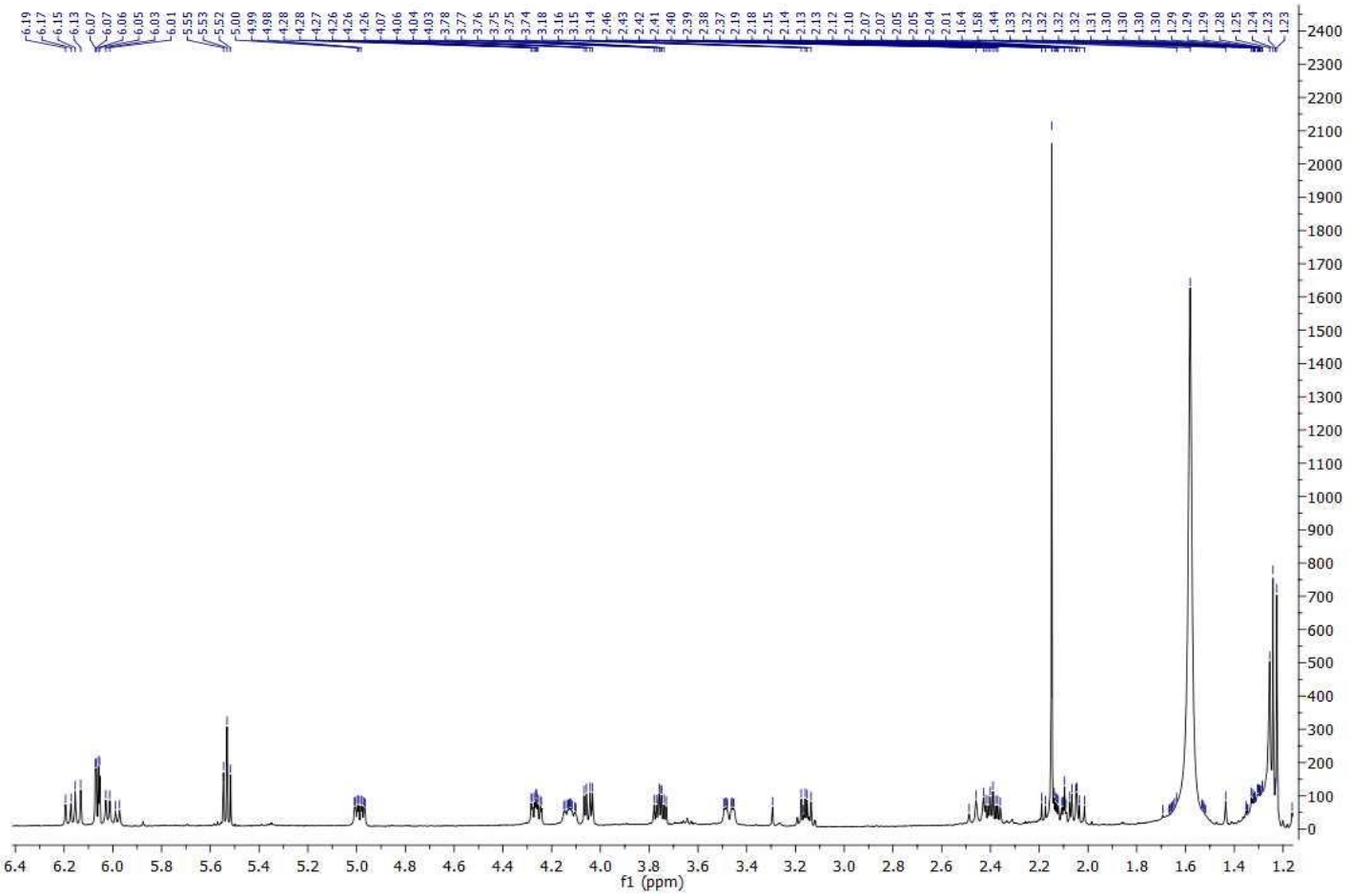


Figure S15. ^{1}H NMR spectrum of compound **2** at - 40°C ($CDCl_3$, 400 MHz).

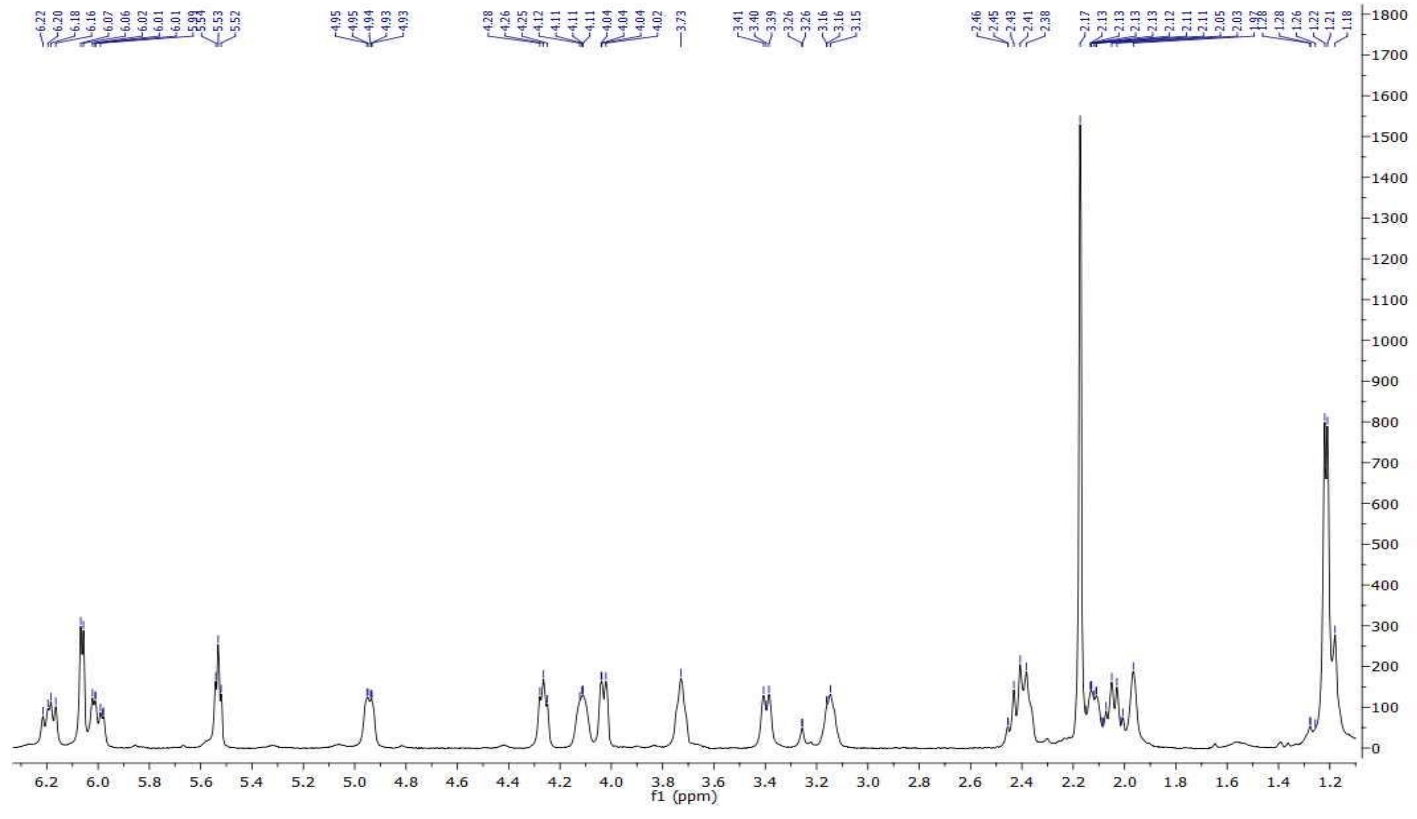


Figure S16. ^{13}C NMR spectrum of compound **2** at 20°C ($CDCl_3$, 125.5 MHz).

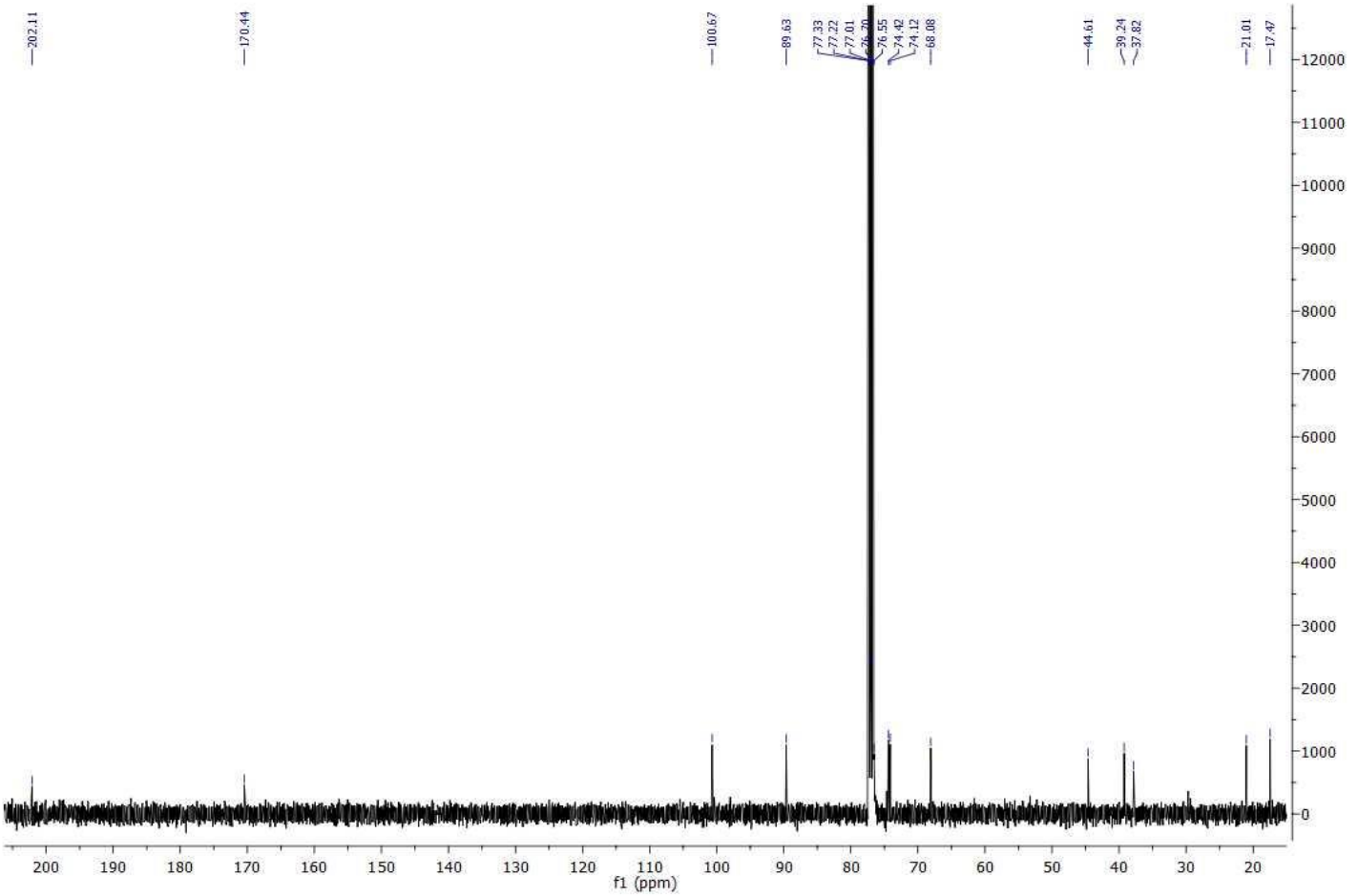


Figure S17. ^{13}C NMR spectrum of compound **2** at - 40°C ($CDCl_3$, 125.5 MHz).

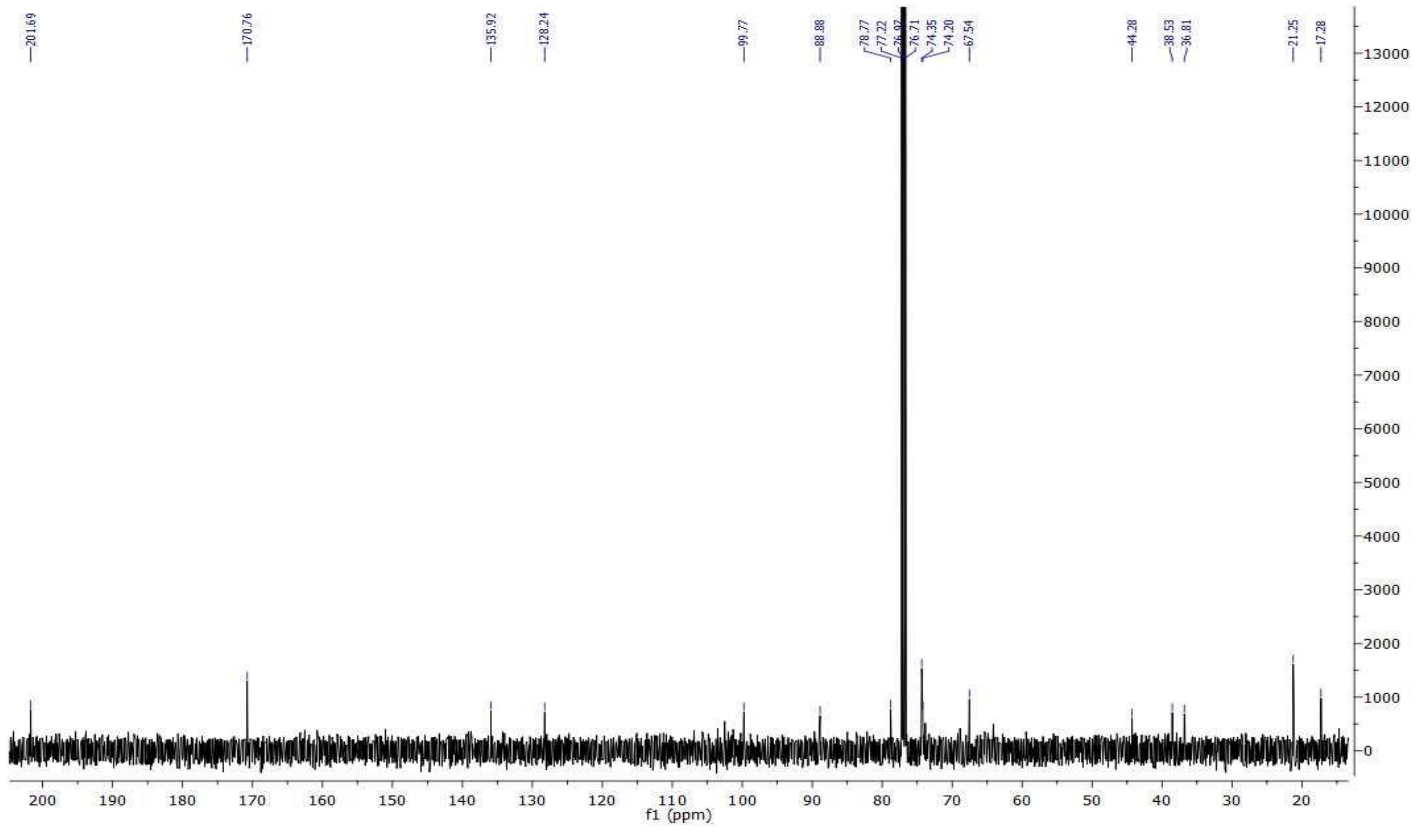


Figure S18. HMQC spectrum of compound **2** at - 40°C ($CDCl_3$, 400.0 MHz).

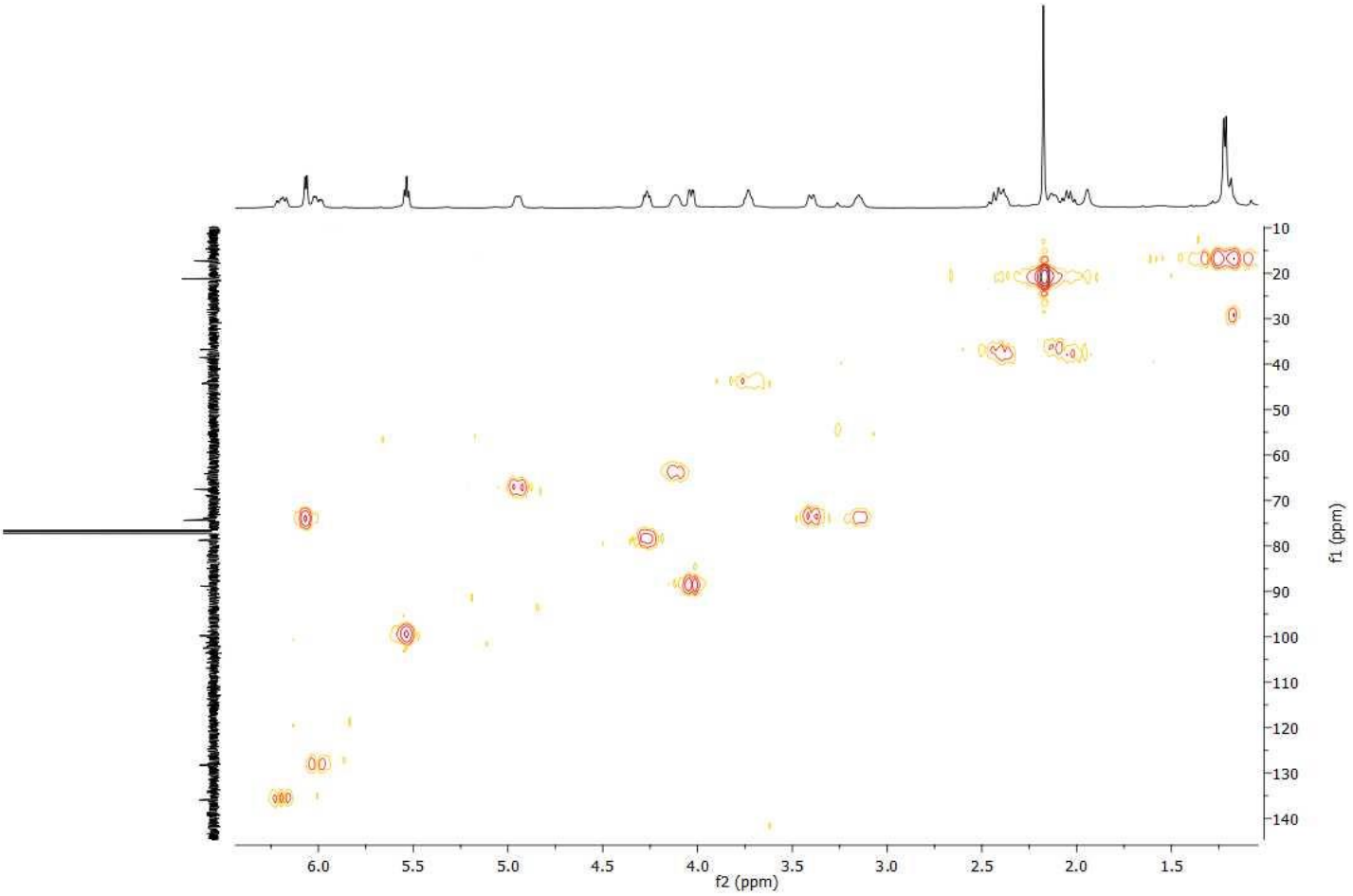


Figure S19. HMBC spectrum of compound **2** at - 40°C ($CDCl_3$, 400.0 MHz).

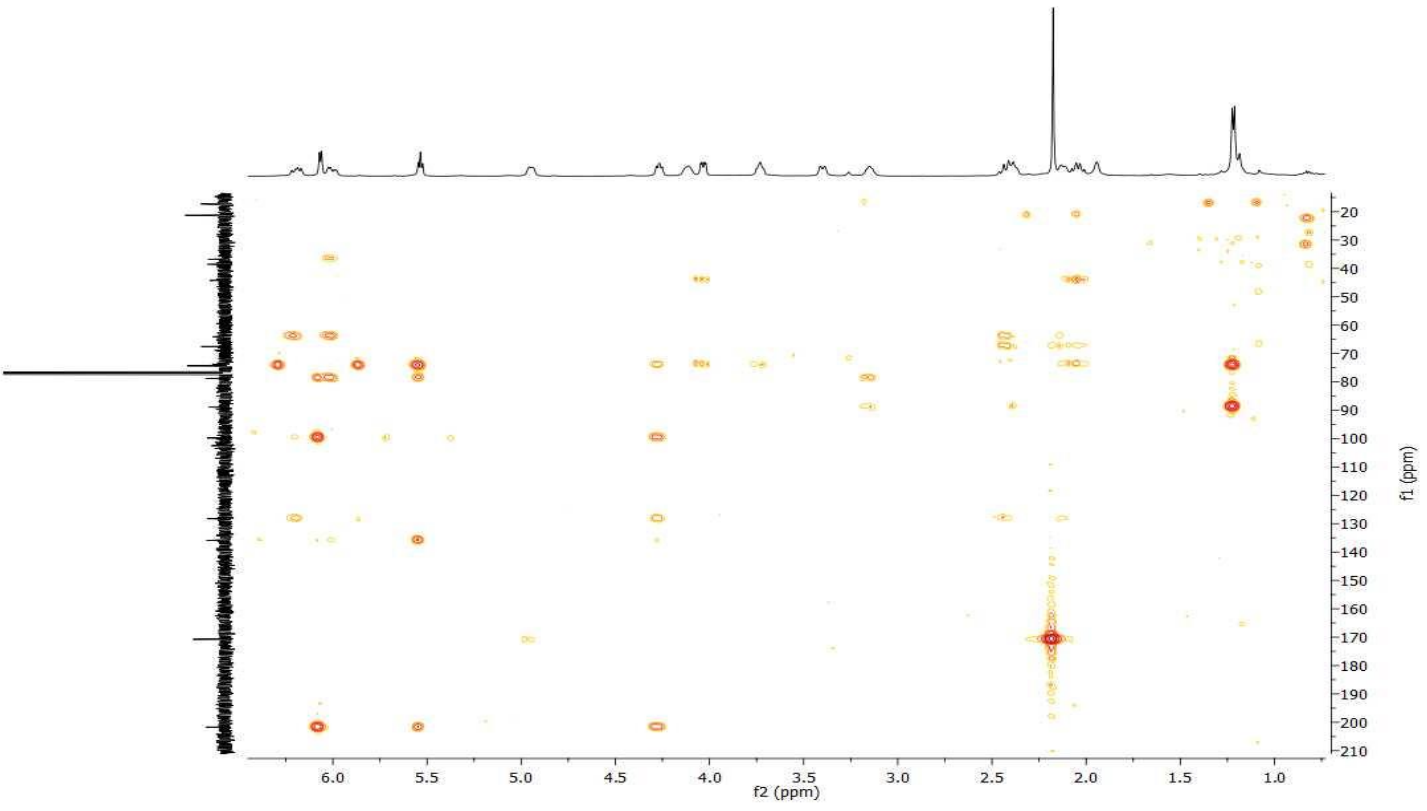


Figure S20. COSY spectrum of compound **2** at 20°C ($CDCl_3$, 400.0 MHz).

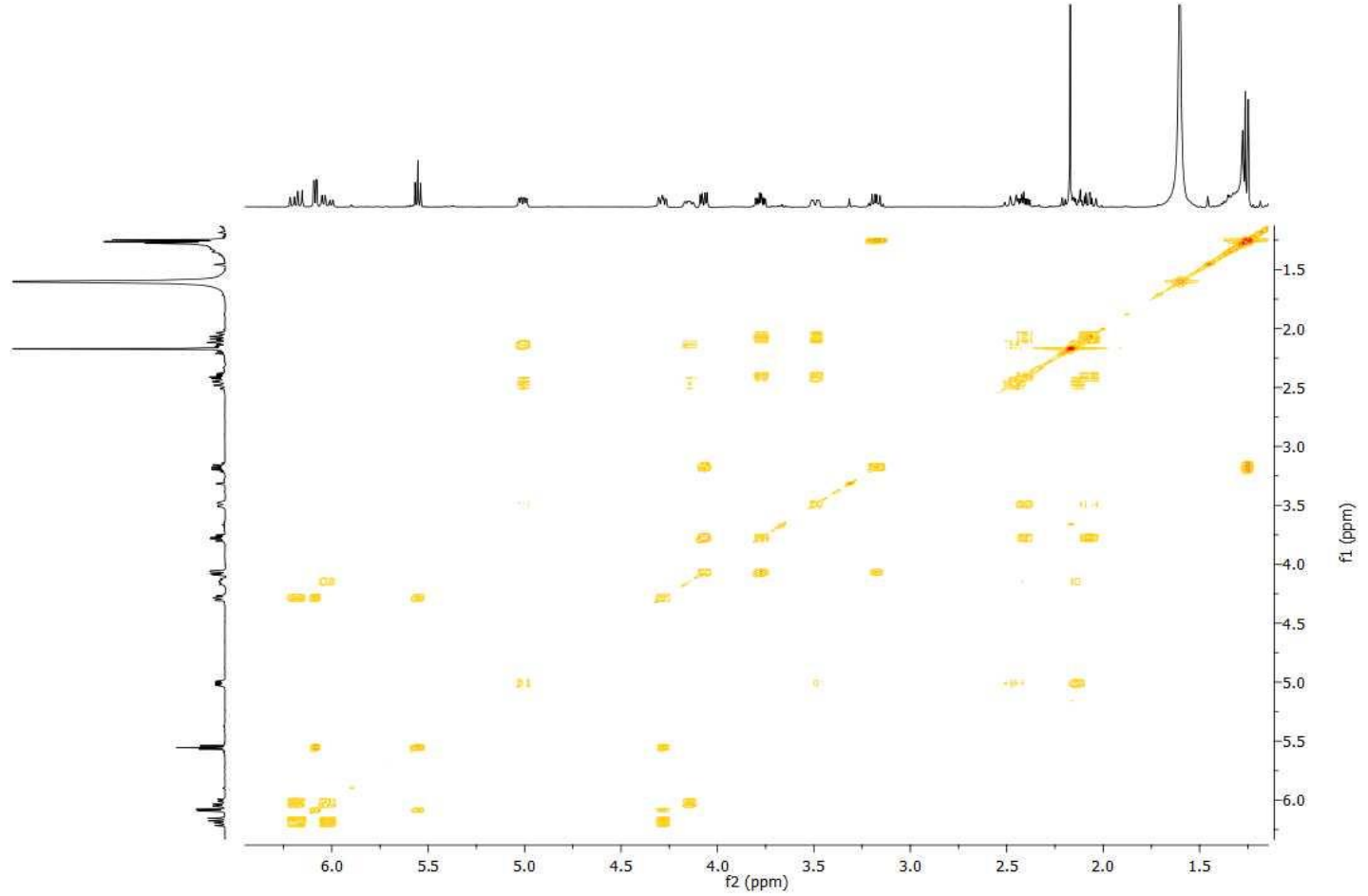


Figure S21. COSY spectrum of compound **2** at - 40°C ($CDCl_3$, 400.0 MHz).

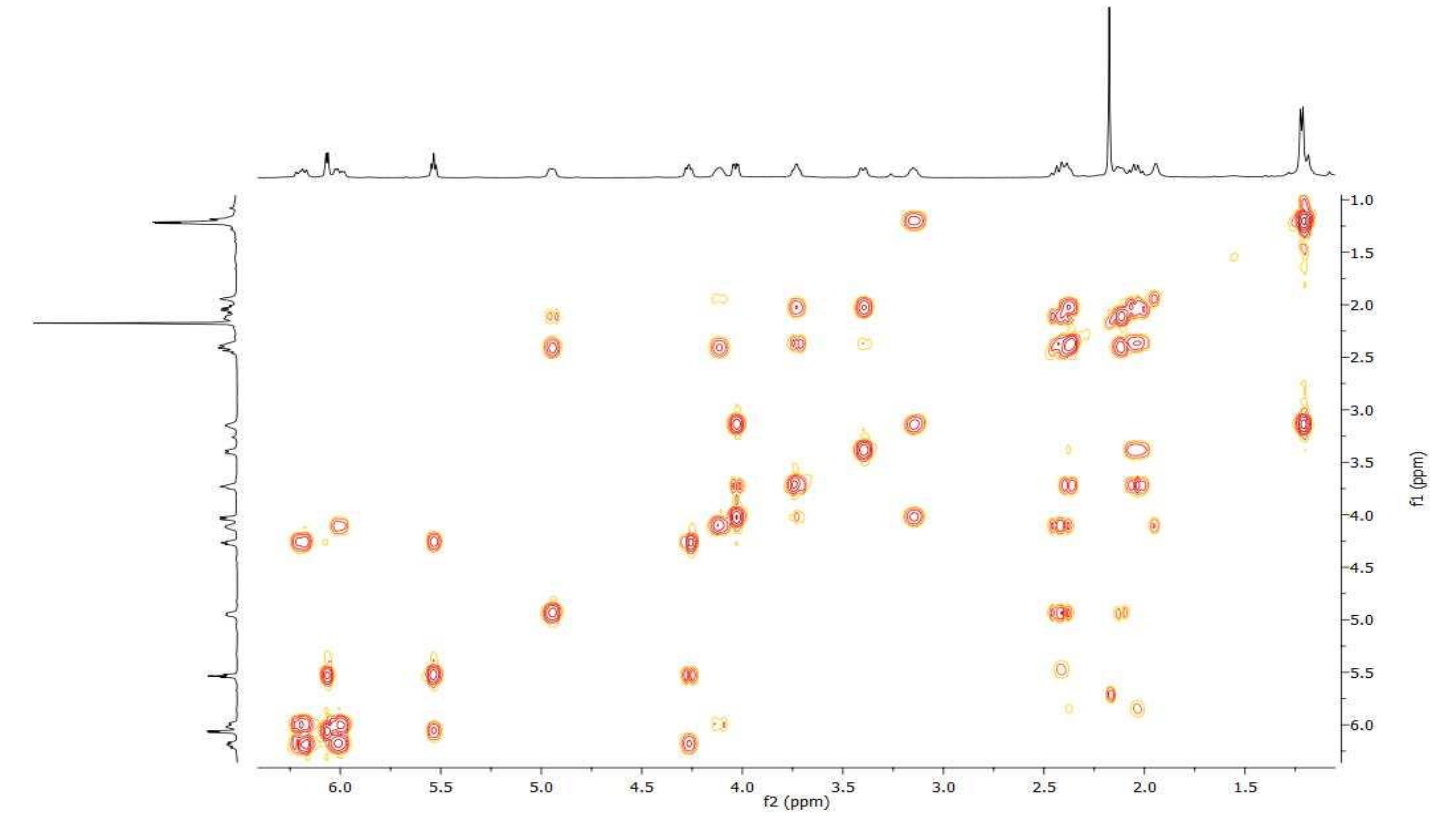


Figure S22. NOESY spectrum of compound **2** at 20°C ($CDCl_3$, 125.5 MHz).

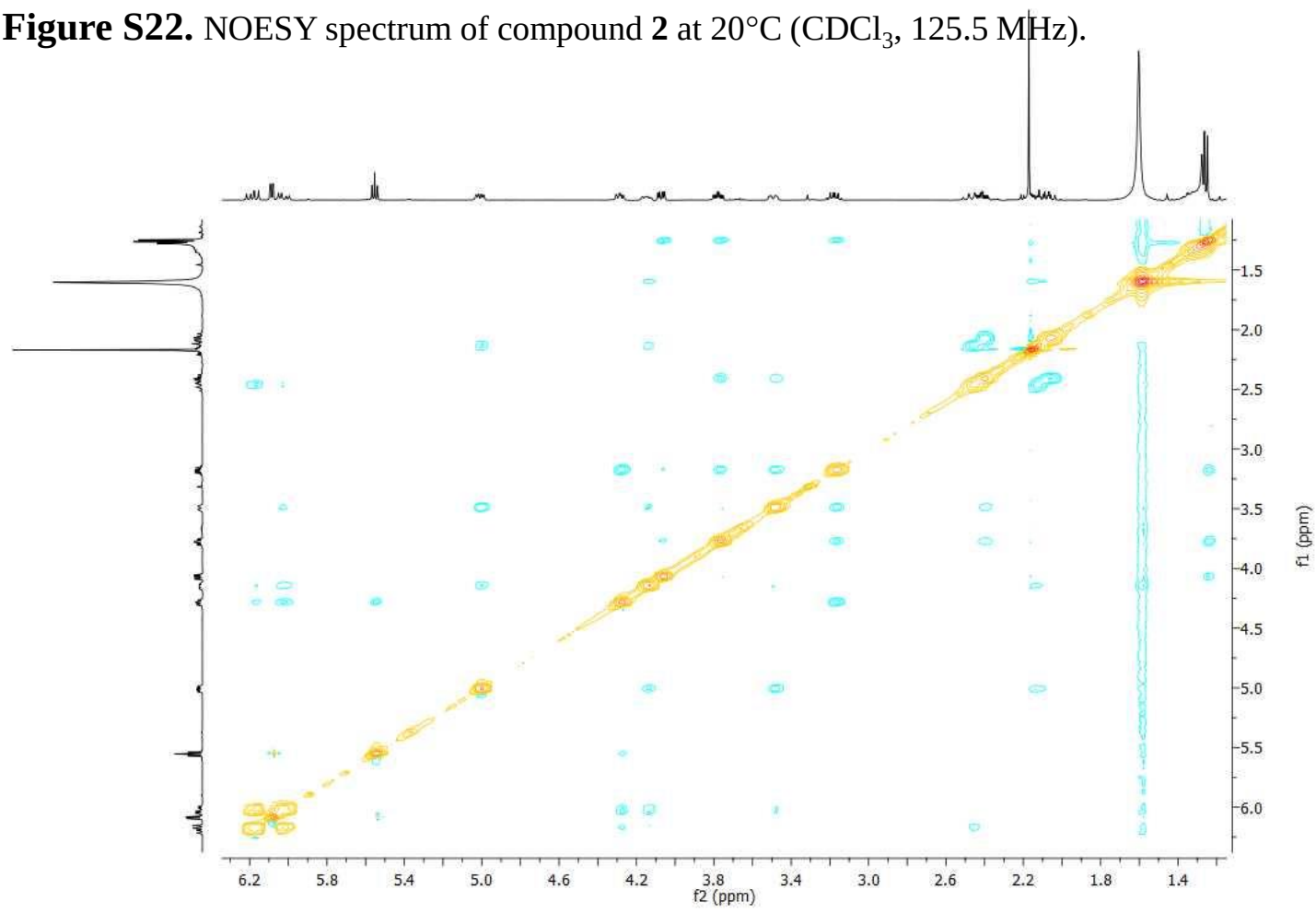


Figure S23. HRMS spectrum of compound **2.**

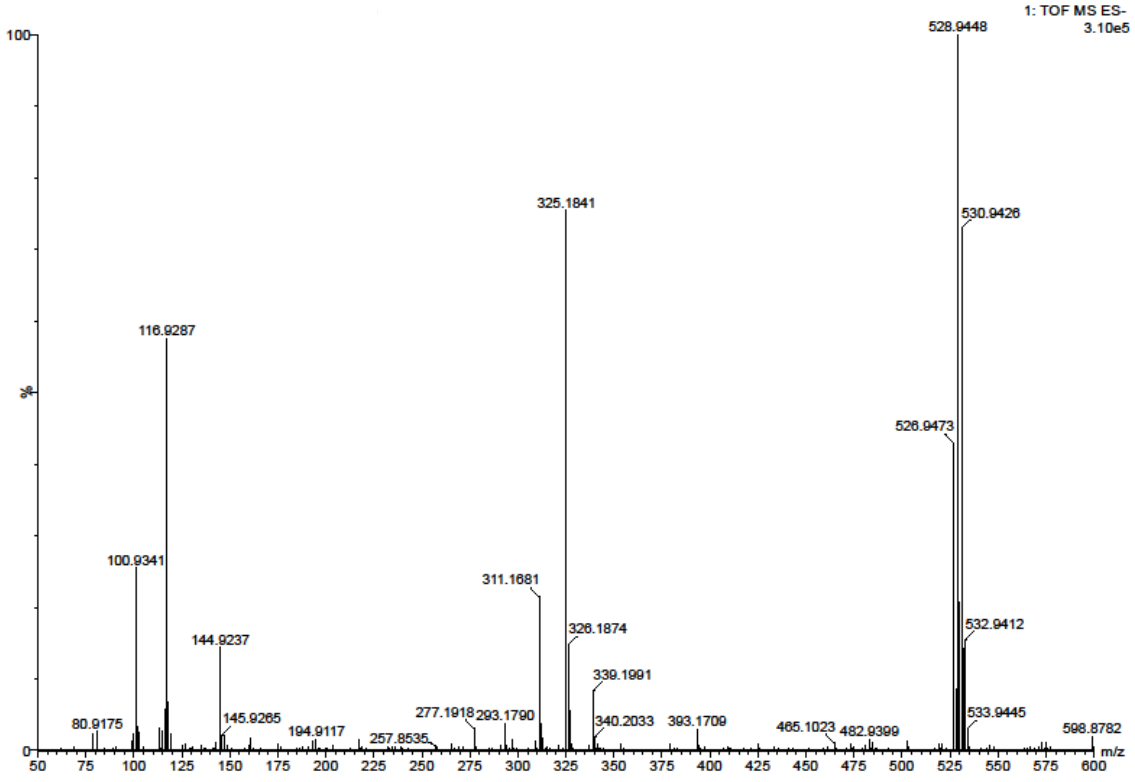


Figure S24. HRMS spectrum of compound **2 (**Zoom**).**

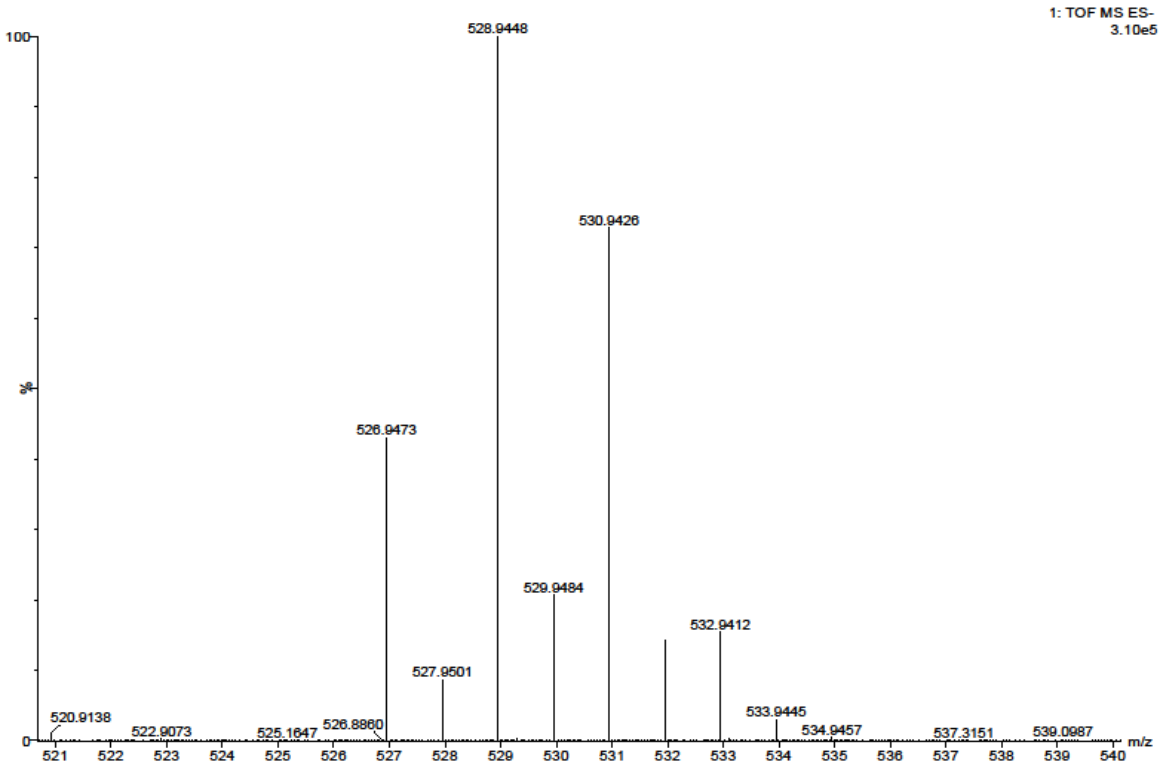


Figure S25. UV spectrum of compound **2**.

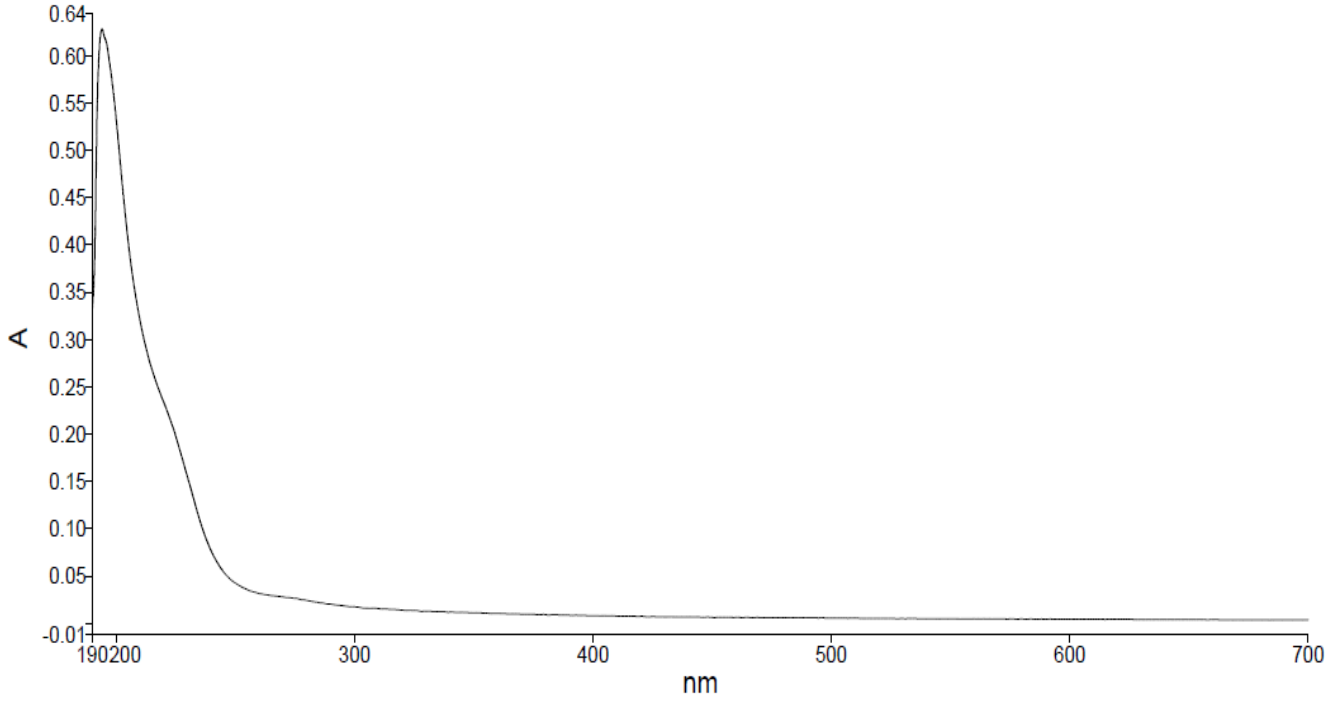


Figure S26. ^{1}H NMR spectrum of compound **3** at 20°C ($CDCl_3$, 400 MHz).

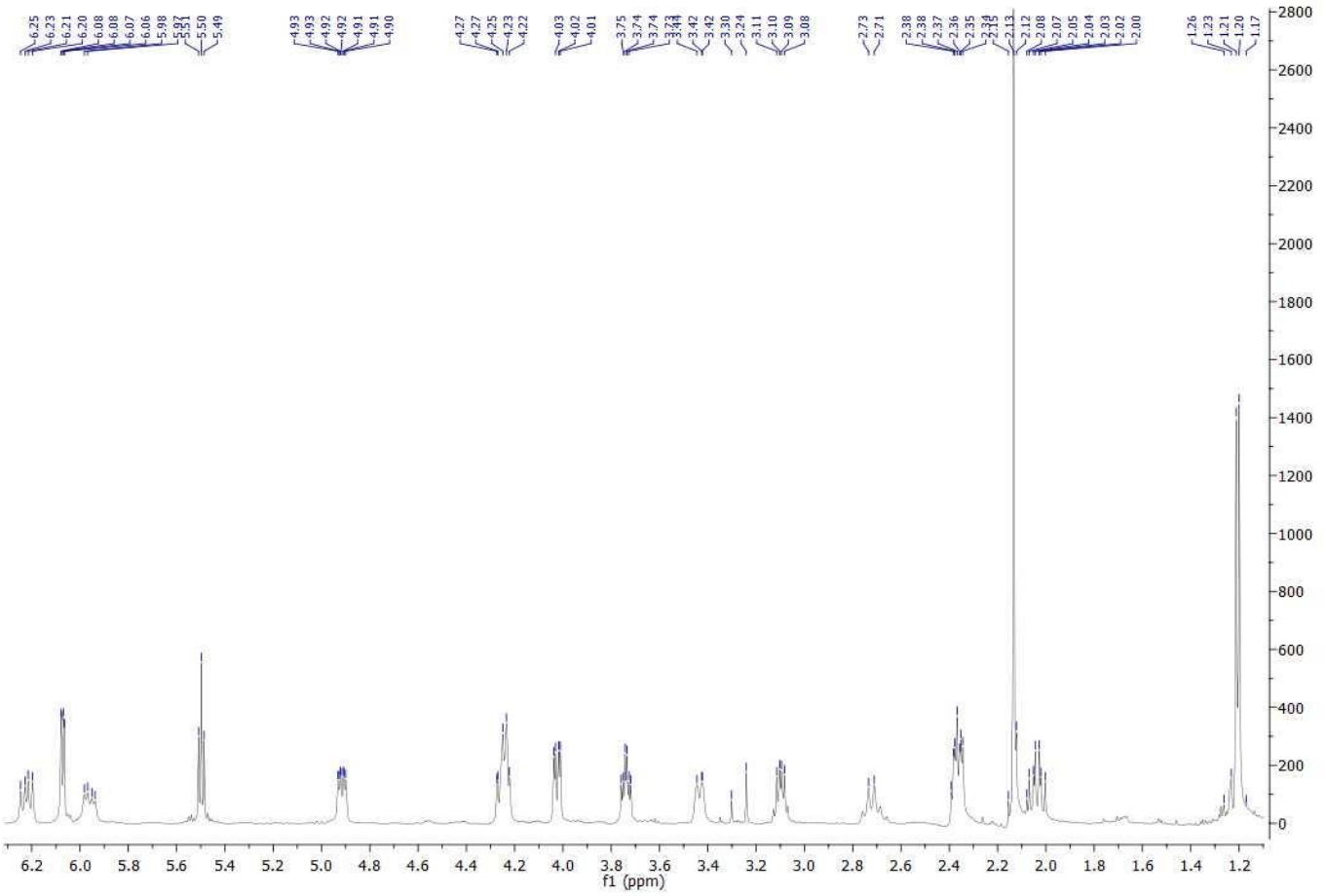


Figure S27. ^{1}H NMR spectrum of compound **3** at - 40°C ($CDCl_3$, 400 MHz).

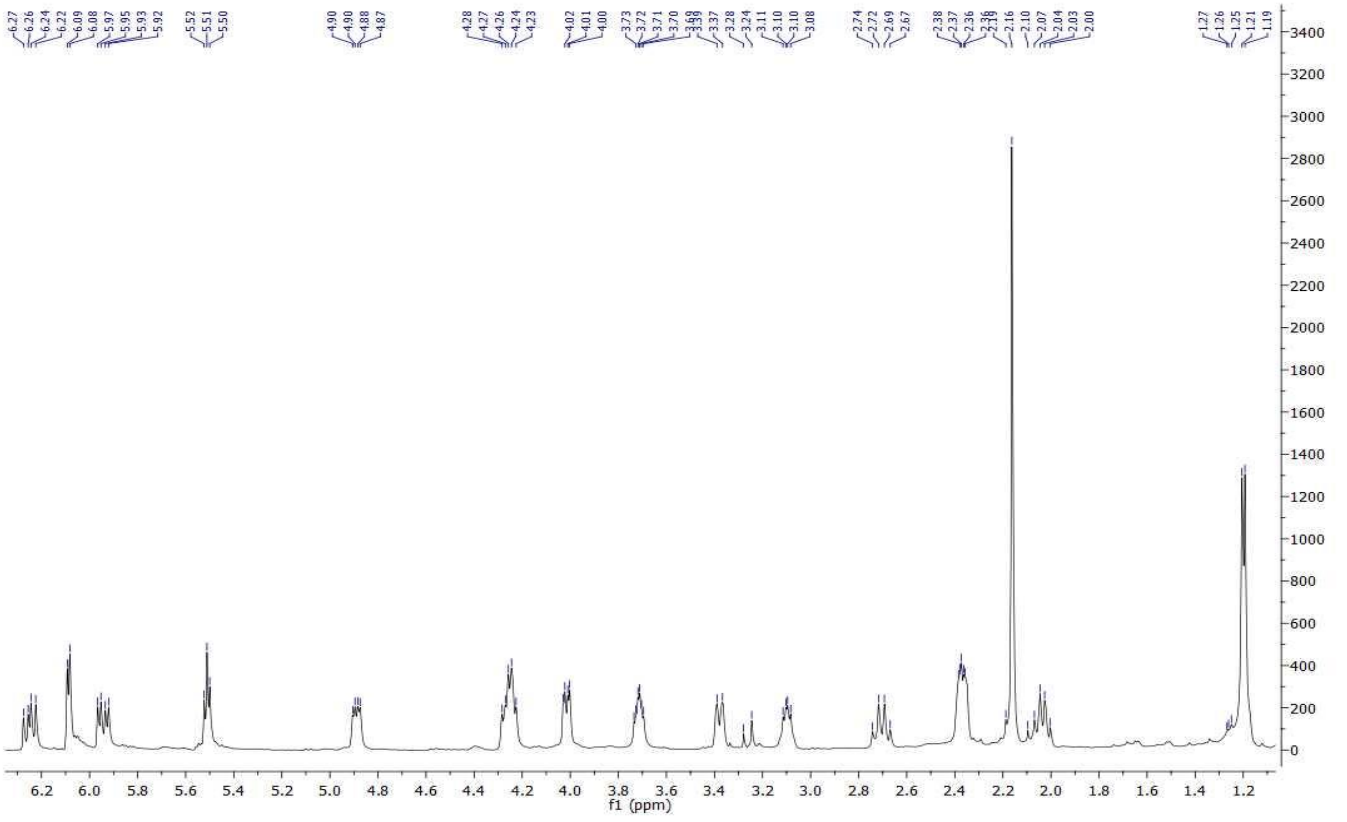


Figure S28. ^{13}C NMR spectrum of compound **3** at 20°C ($CDCl_3$, 125.5 MHz).

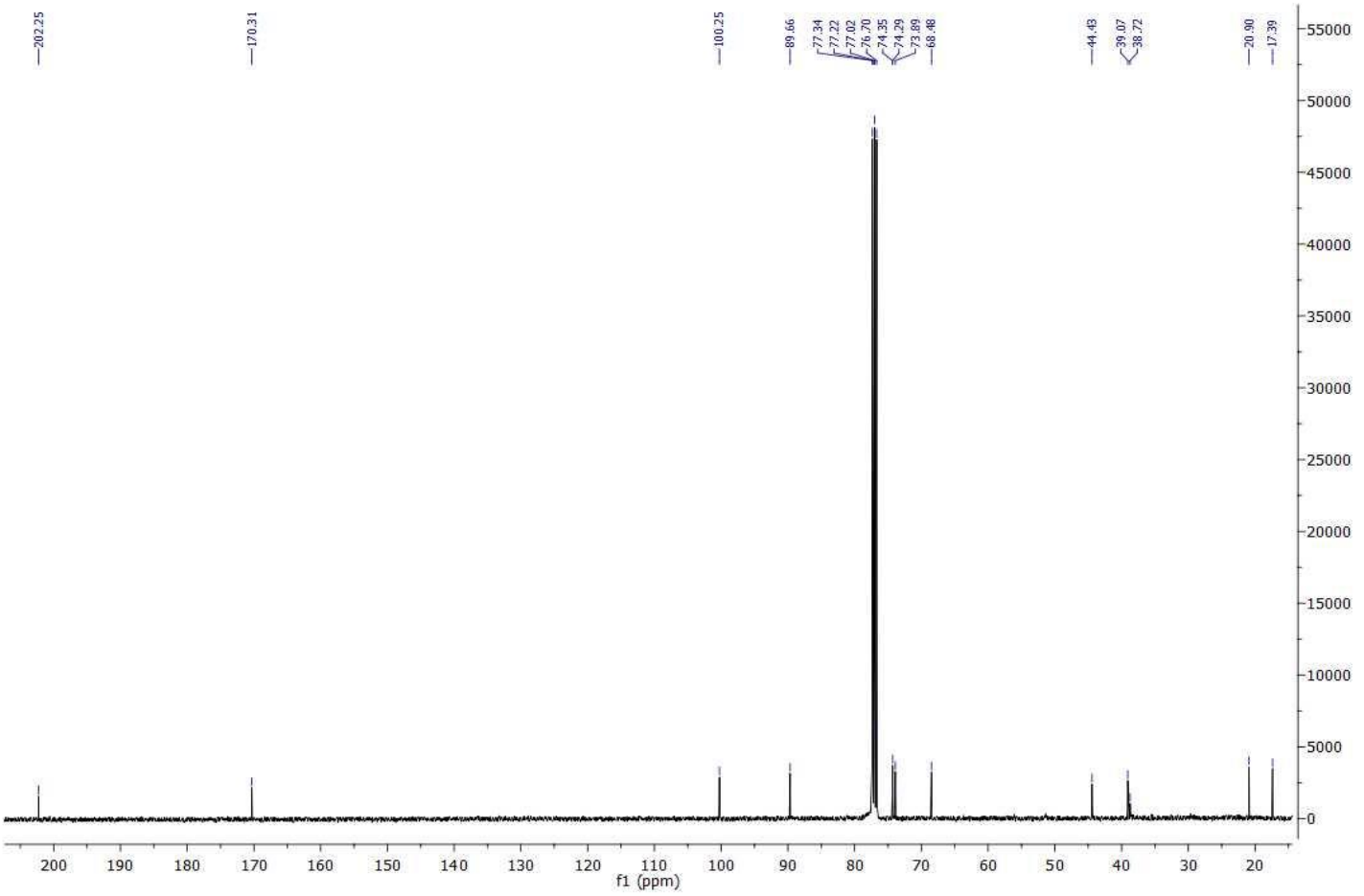


Figure S29. ^{13}C NMR spectrum of compound **3** at - 40°C ($CDCl_3$, 125.5 MHz).

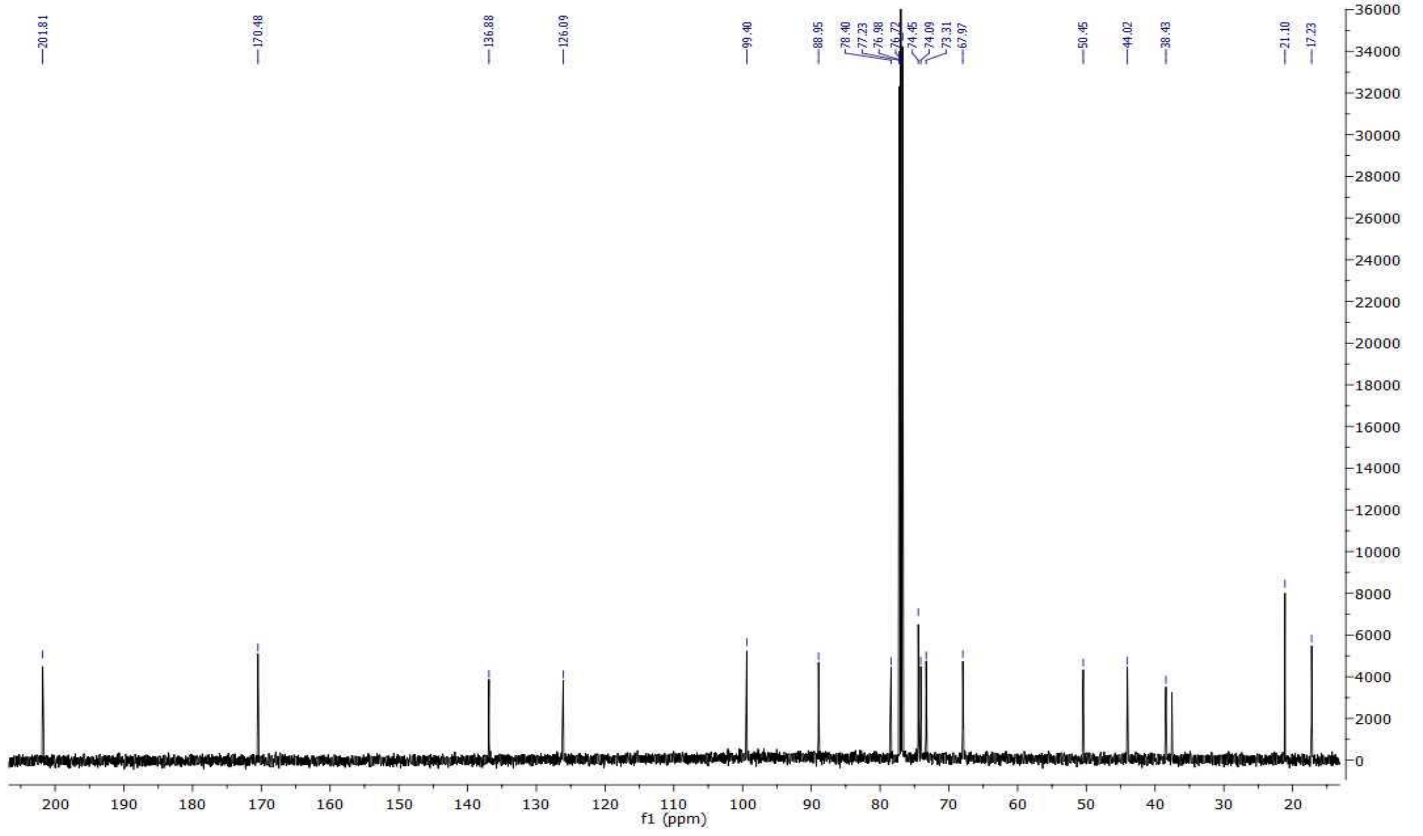


Figure S30. HMQC spectrum of compound **3** at - 40°C ($CDCl_3$, 400.0 MHz).

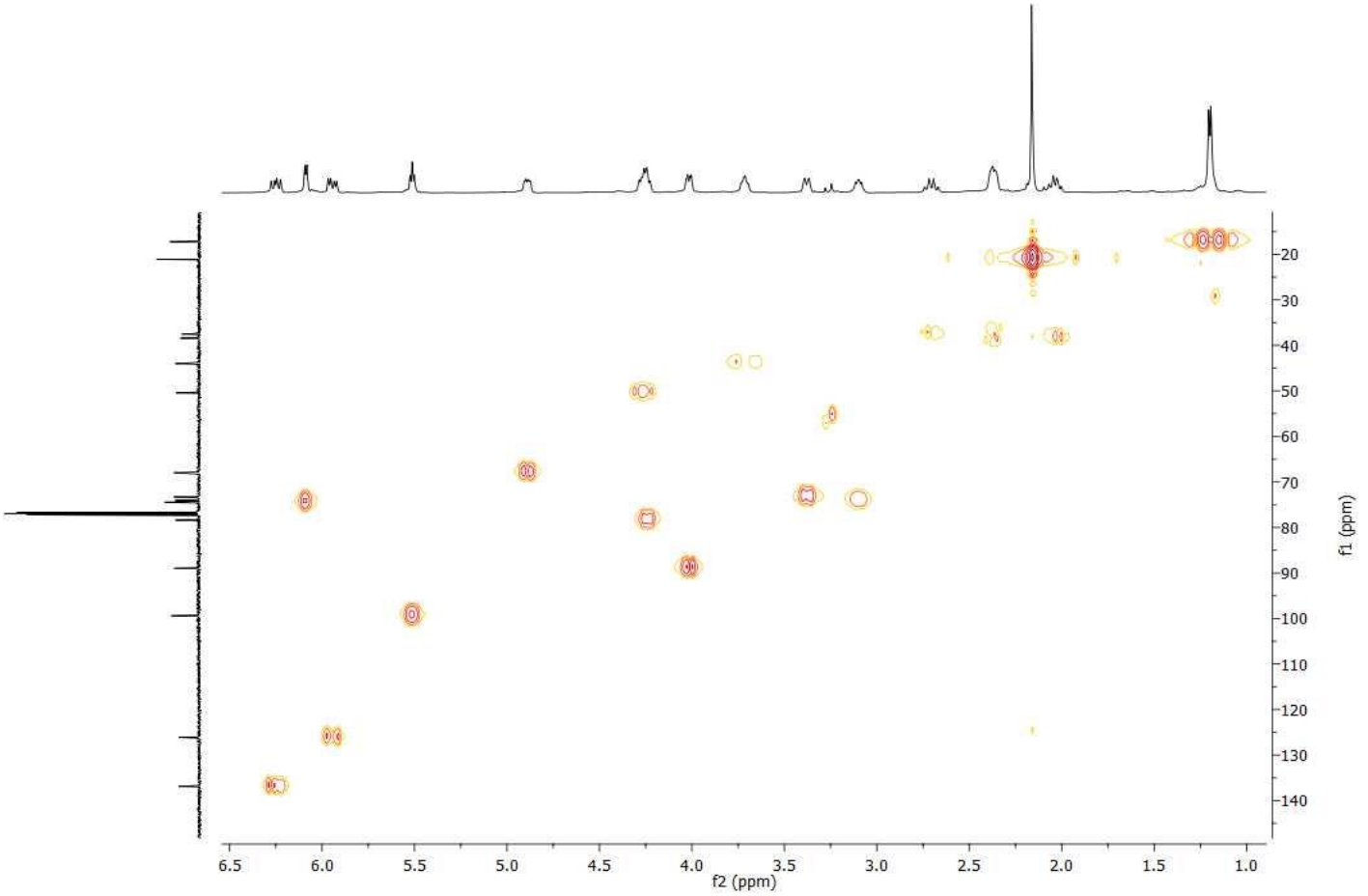


Figure S31. HMBC spectrum of compound **3** at - 40°C ($CDCl_3$, 400.0 MHz).

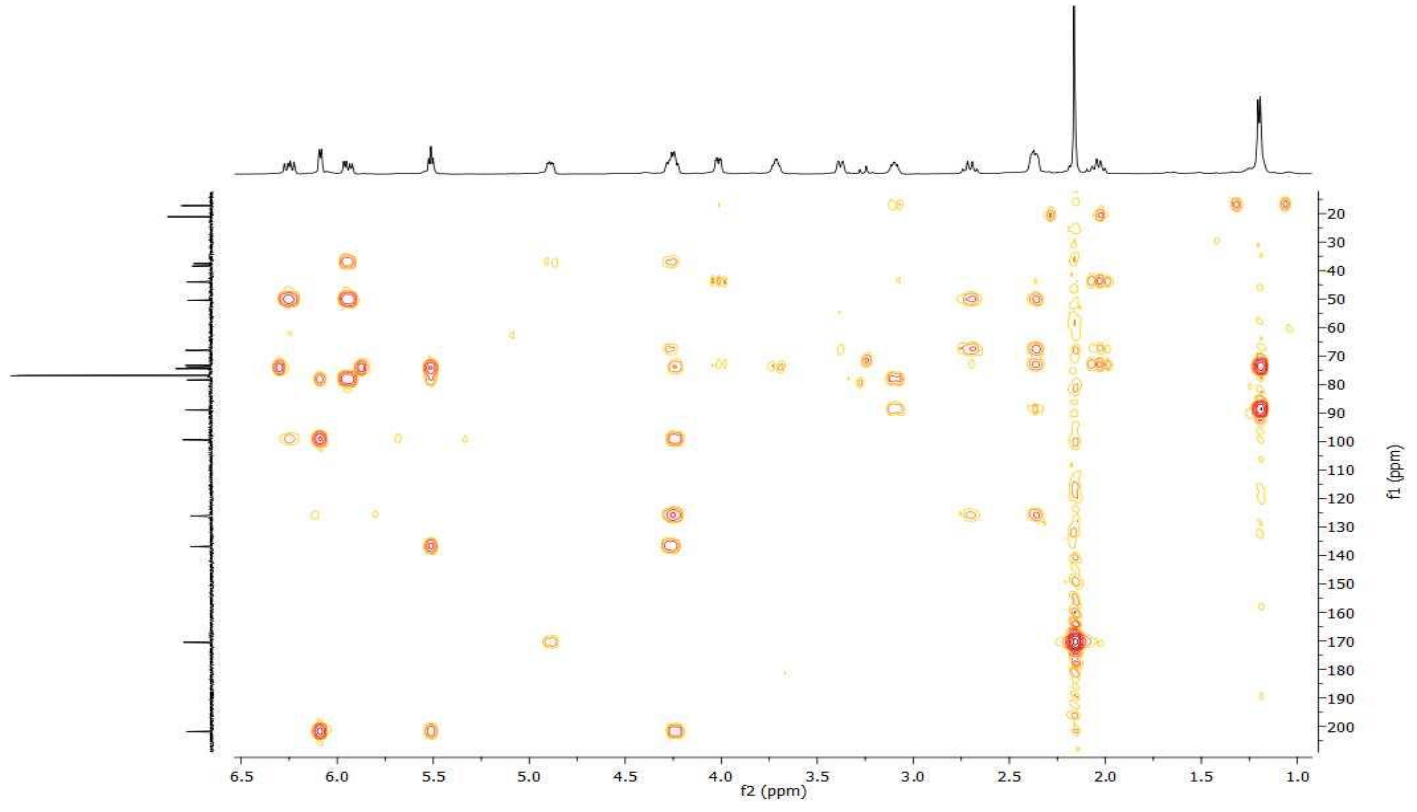


Figure S32. COSY spectrum of compound **3** at 20°C ($CDCl_3$, 400.0 MHz).

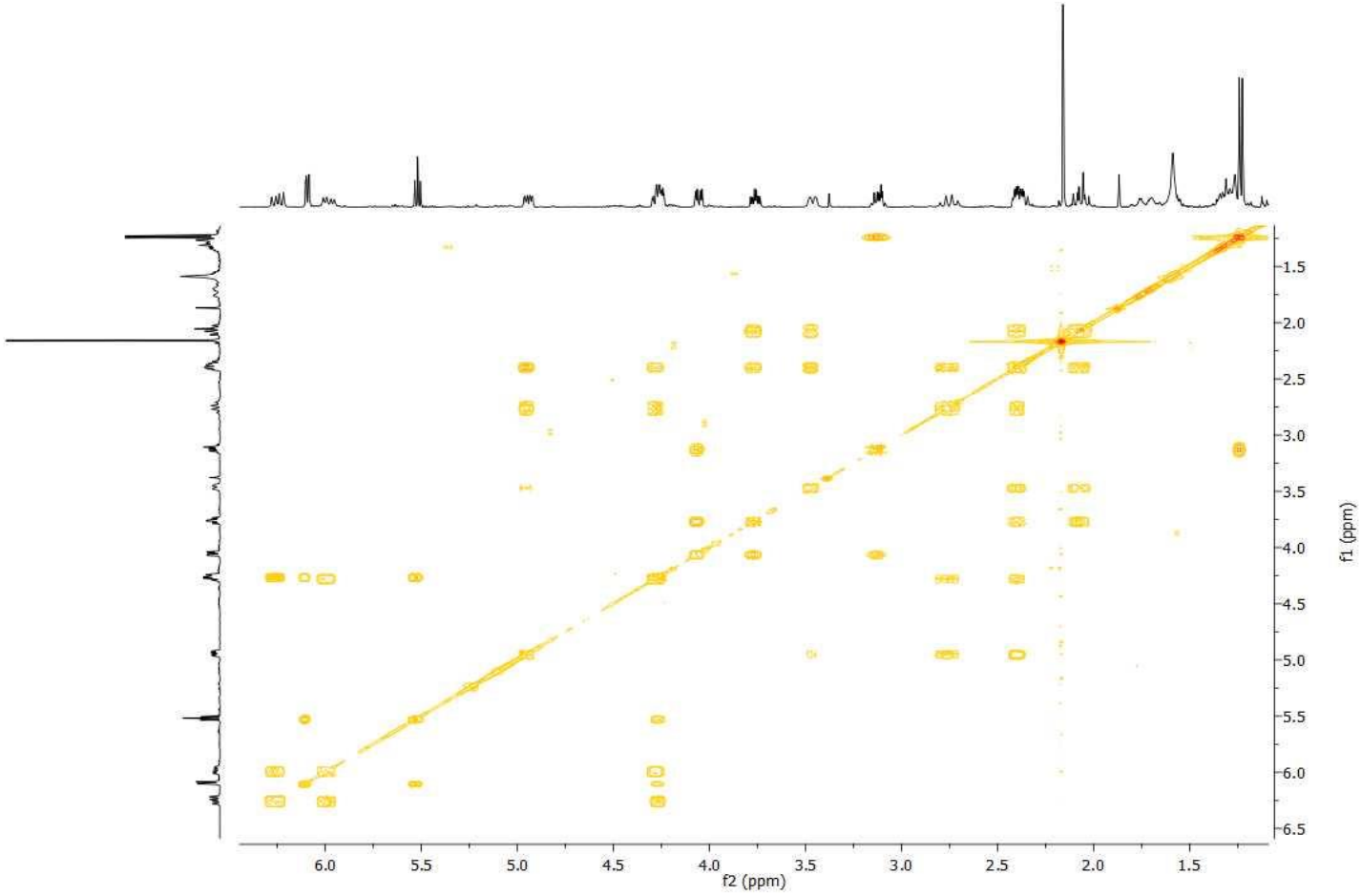


Figure S33. COSY spectrum of compound **3** at - 40°C ($CDCl_3$, 400.0 MHz).

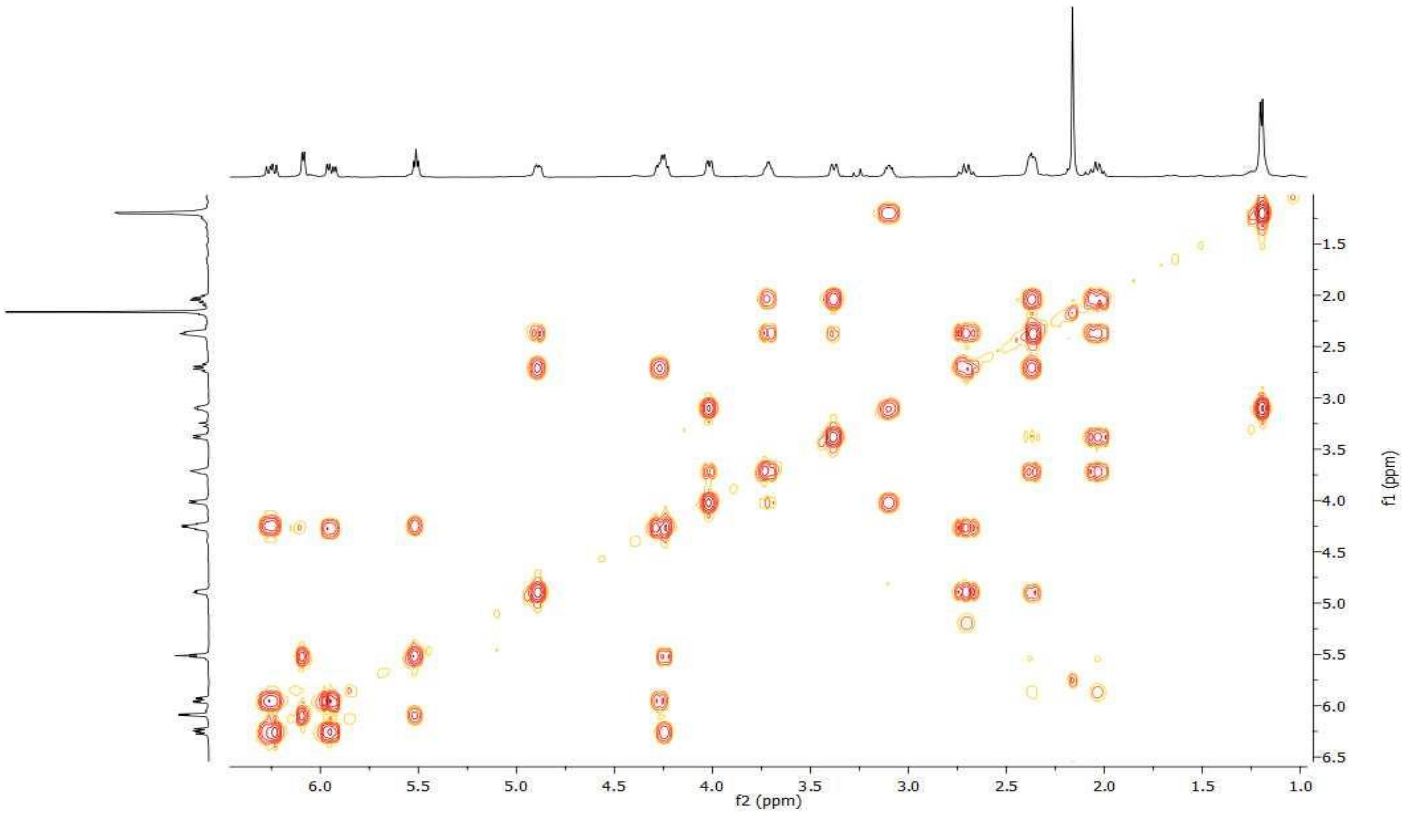


Figure S34. NOESY spectrum of compound **3** at 20°C ($CDCl_3$, 125.5 MHz).

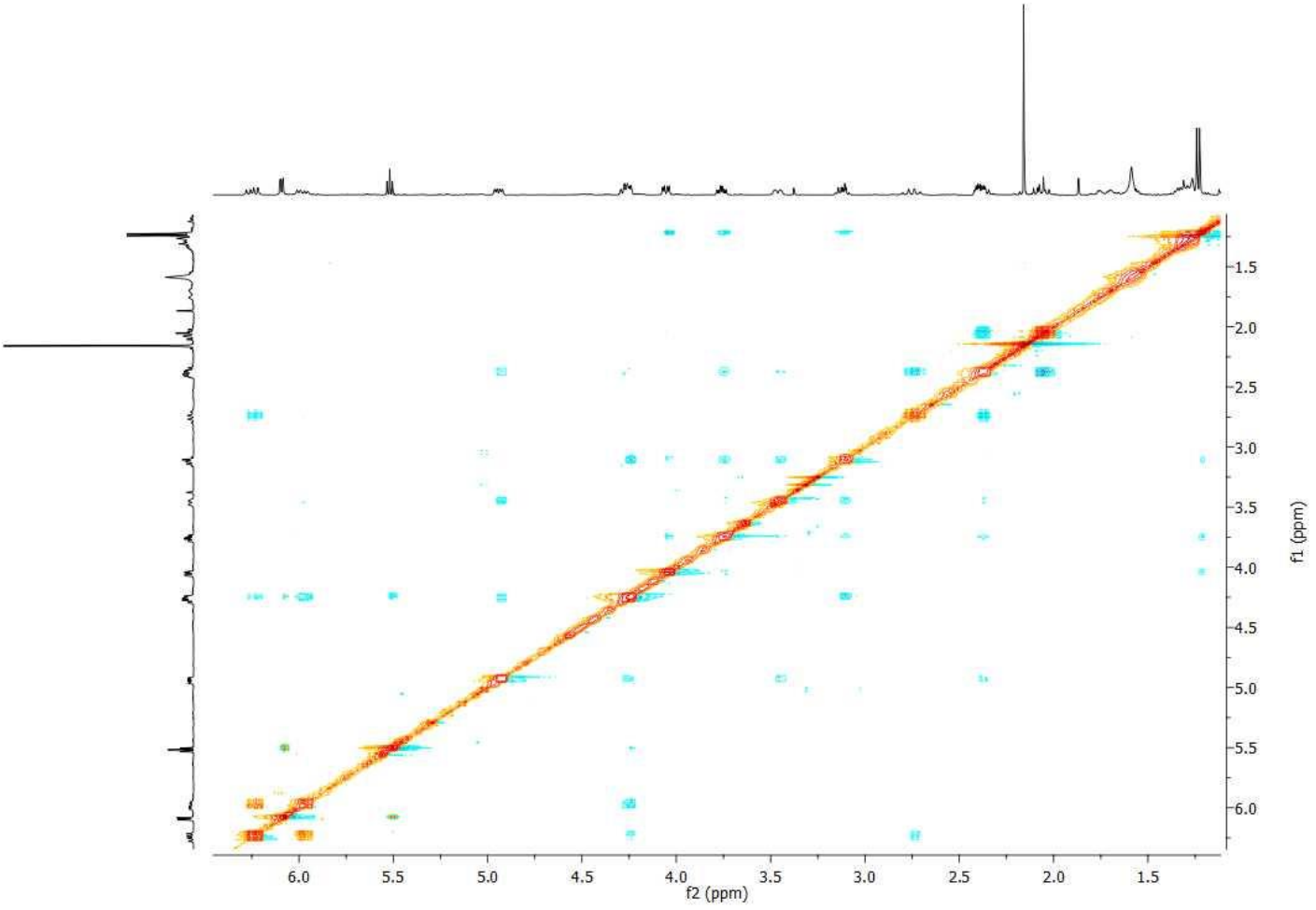


Figure S35. HRMS spectrum of compound **3** (Zoom), in negative ionization.

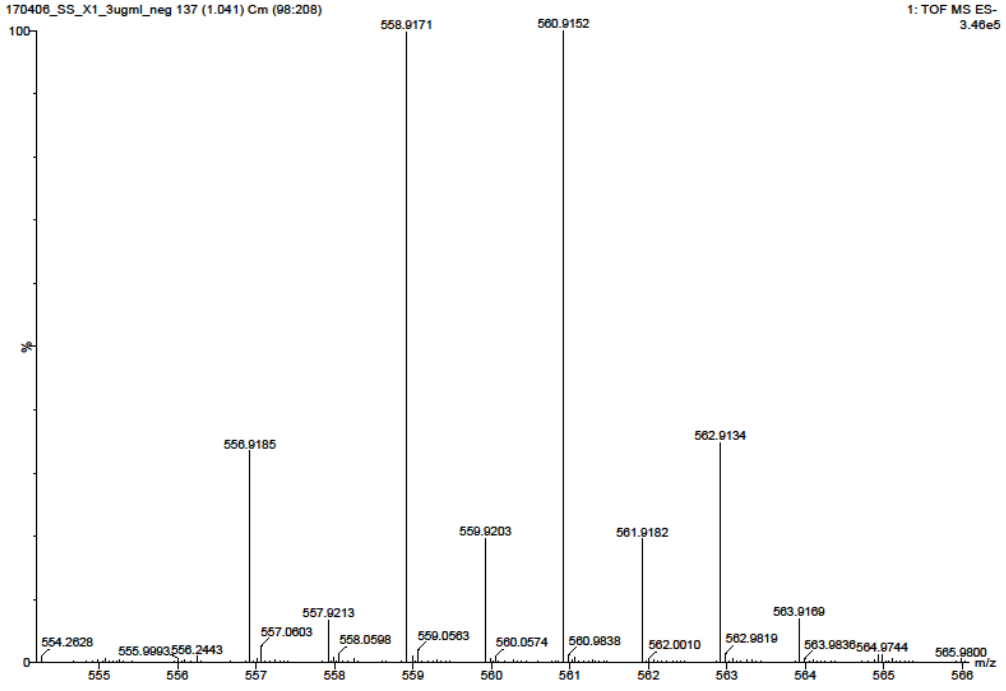


Figure S36. UV spectrum of compound **3**.

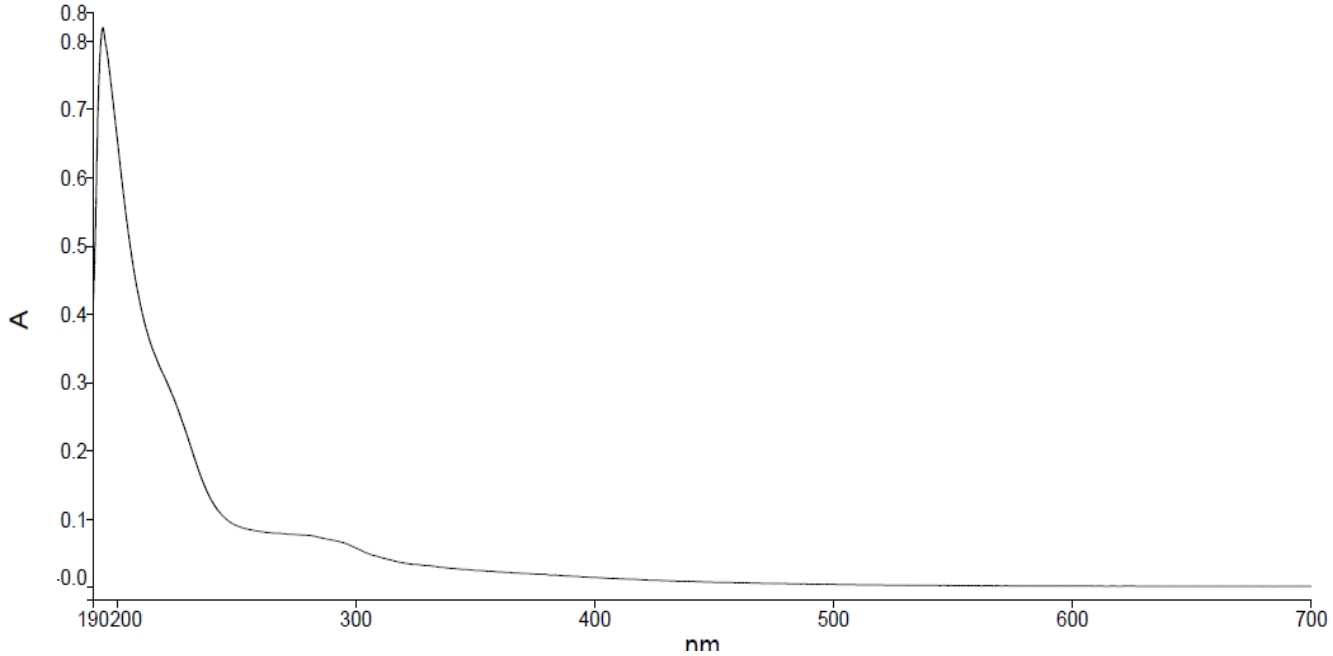


Figure S37. ^{1}H NMR spectrum of compound **4** at 20°C ($CDCl_3$, 400 MHz).

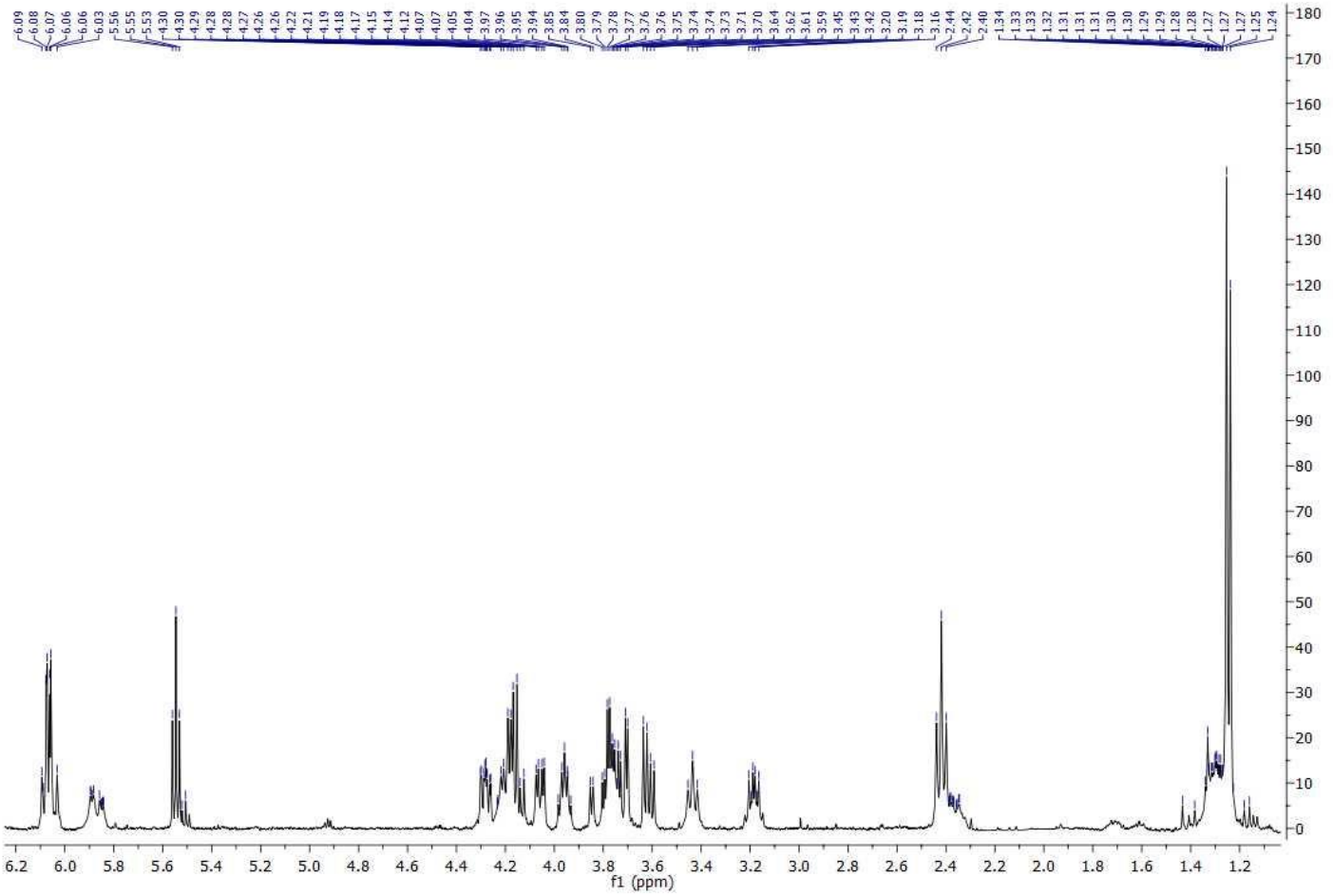


Figure S38. ^{1}H NMR spectrum of compound **4** at - 40°C ($CDCl_3$, 400 MHz).

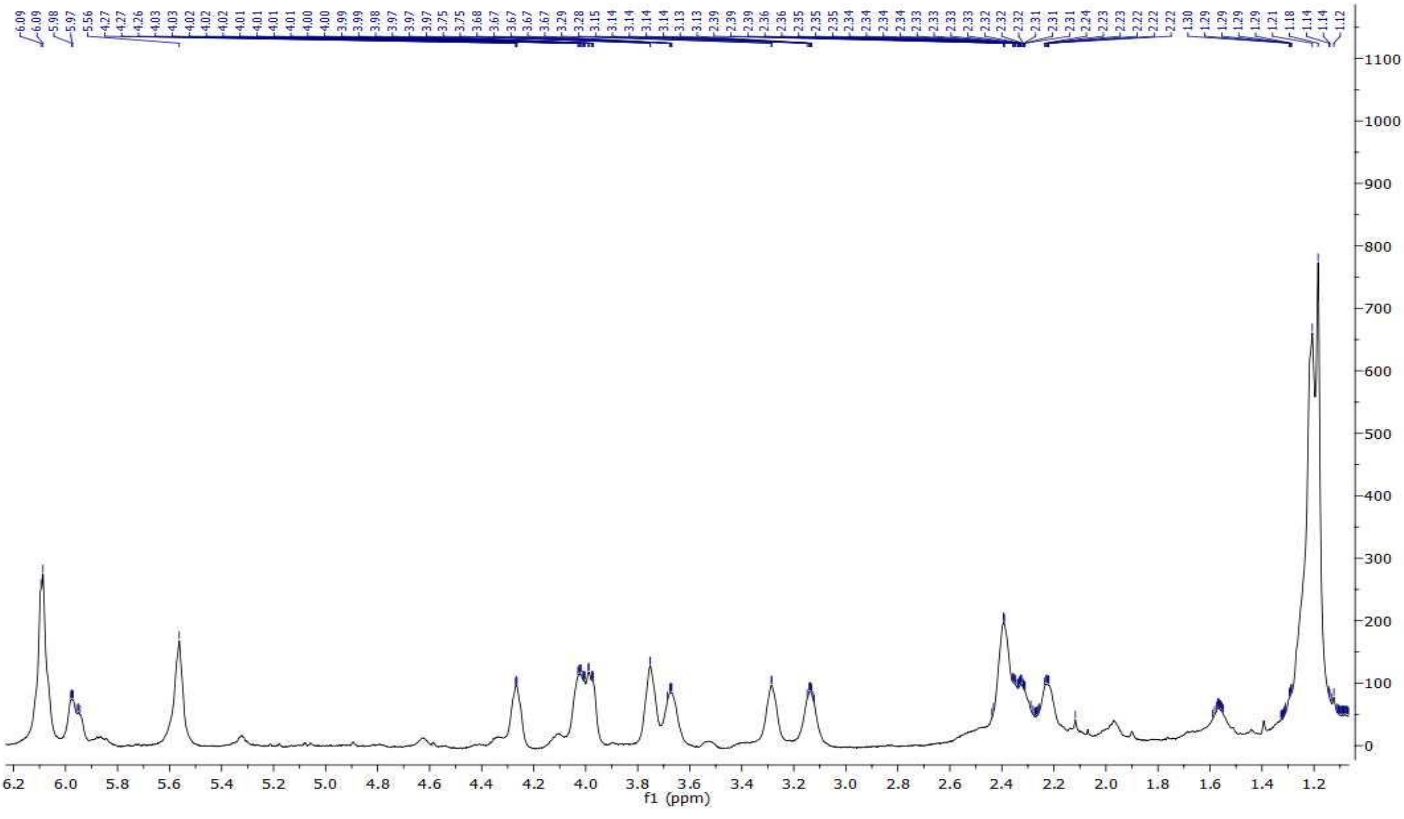


Figure S39. ^{13}C NMR spectrum of compound **4** at 20°C ($CDCl_3$, 125.5 MHz).

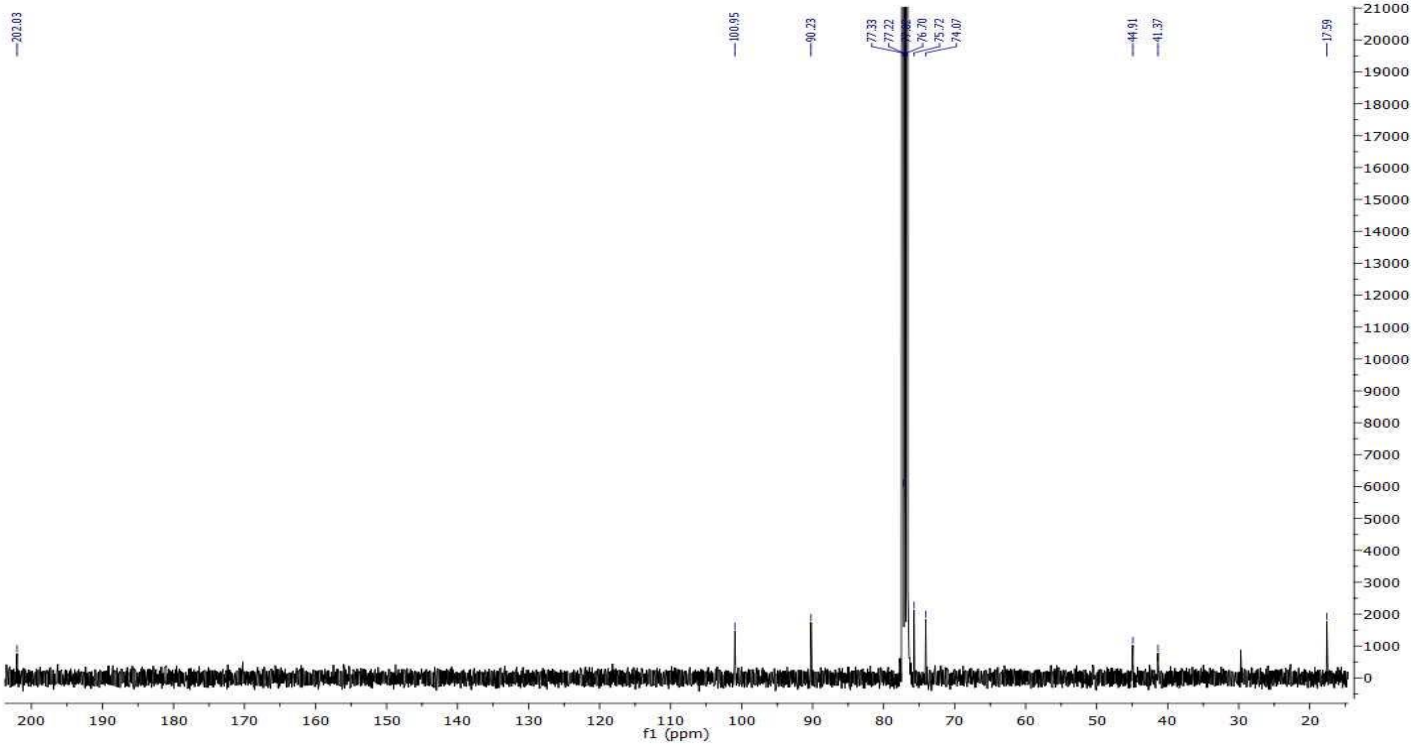


Figure S40. HMQC spectrum of compound **4** at - 40°C ($CDCl_3$, 400.0 MHz).

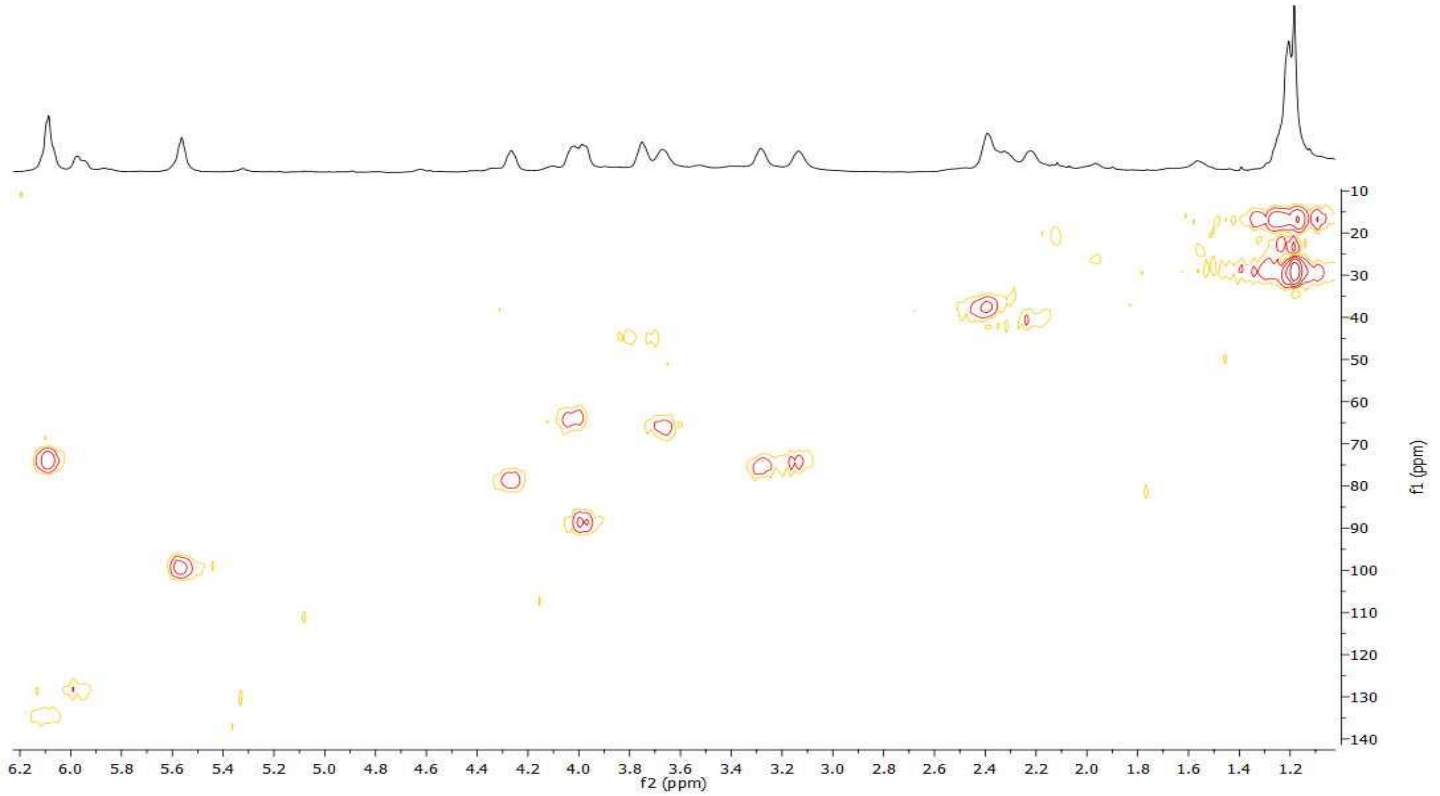


Figure S41. HMBC spectrum of compound **4** at - 40°C ($CDCl_3$, 400.0 MHz).

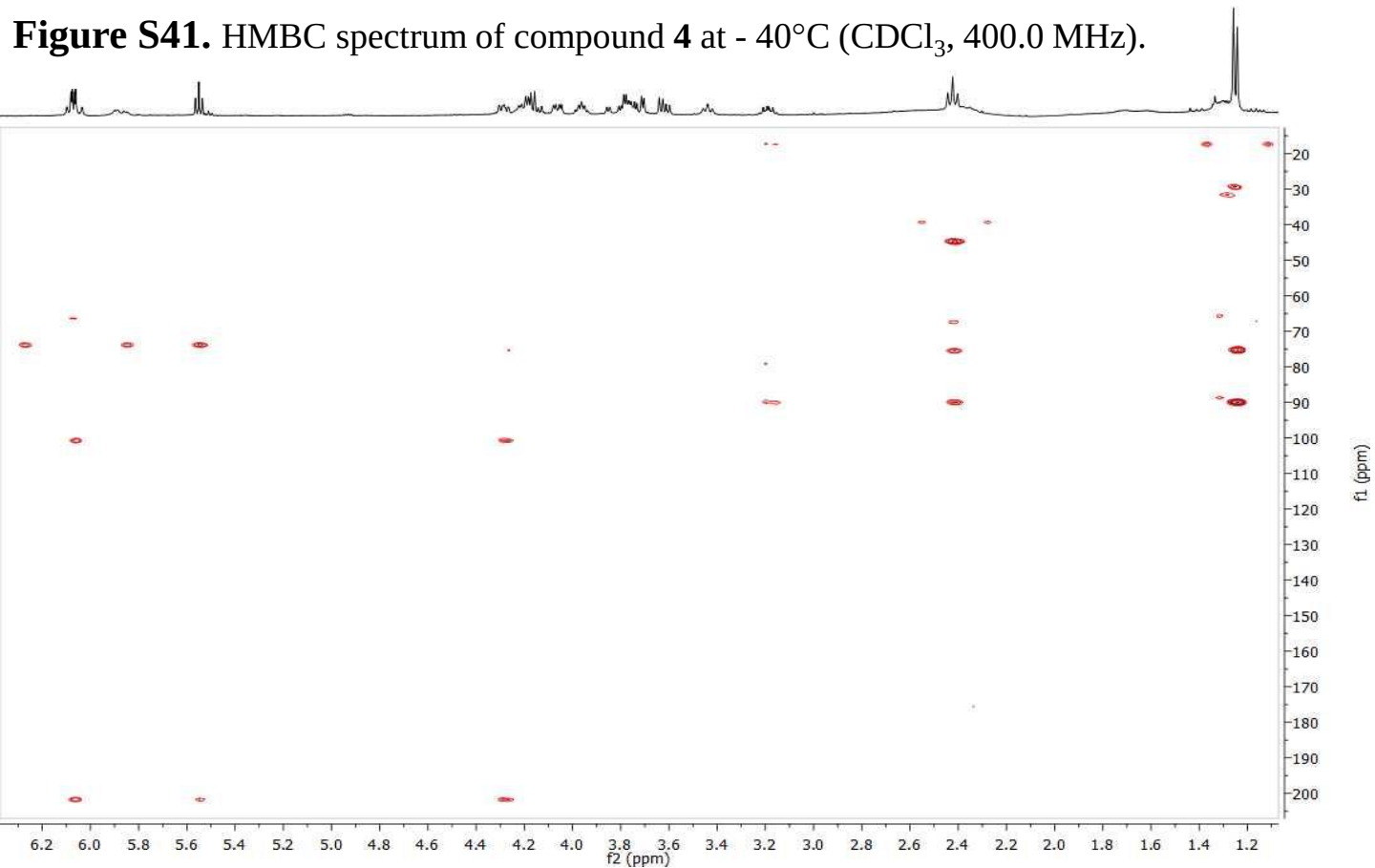


Figure S42. COSY spectrum of compound **4** at 20°C ($CDCl_3$, 400.0 MHz).

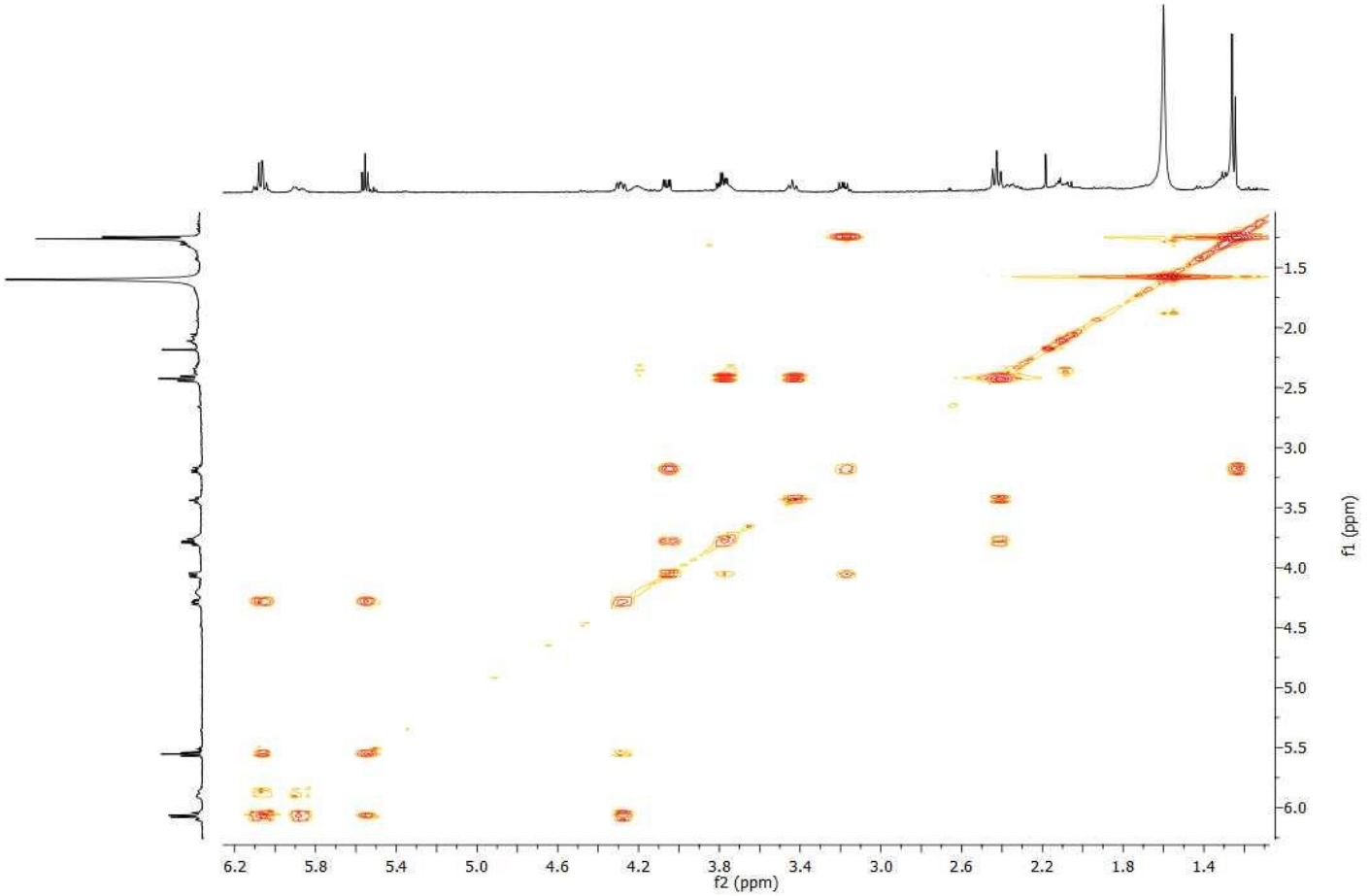


Figure S43. COSY spectrum of compound **4** at - 40°C ($CDCl_3$, 400.0 MHz).

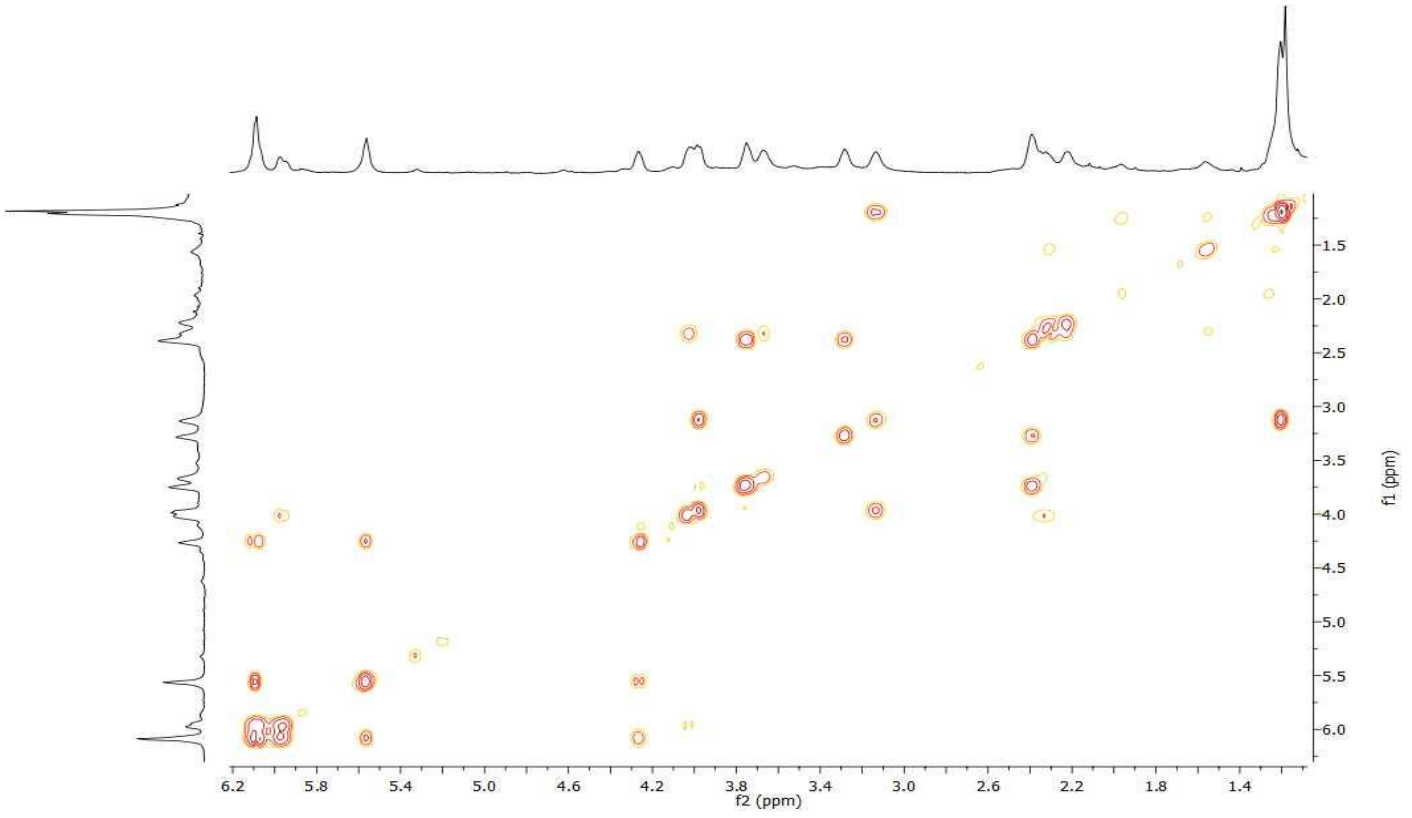


Figure S44. NOESY spectrum of compound **4** at 20°C ($CDCl_3$, 125.5 MHz).

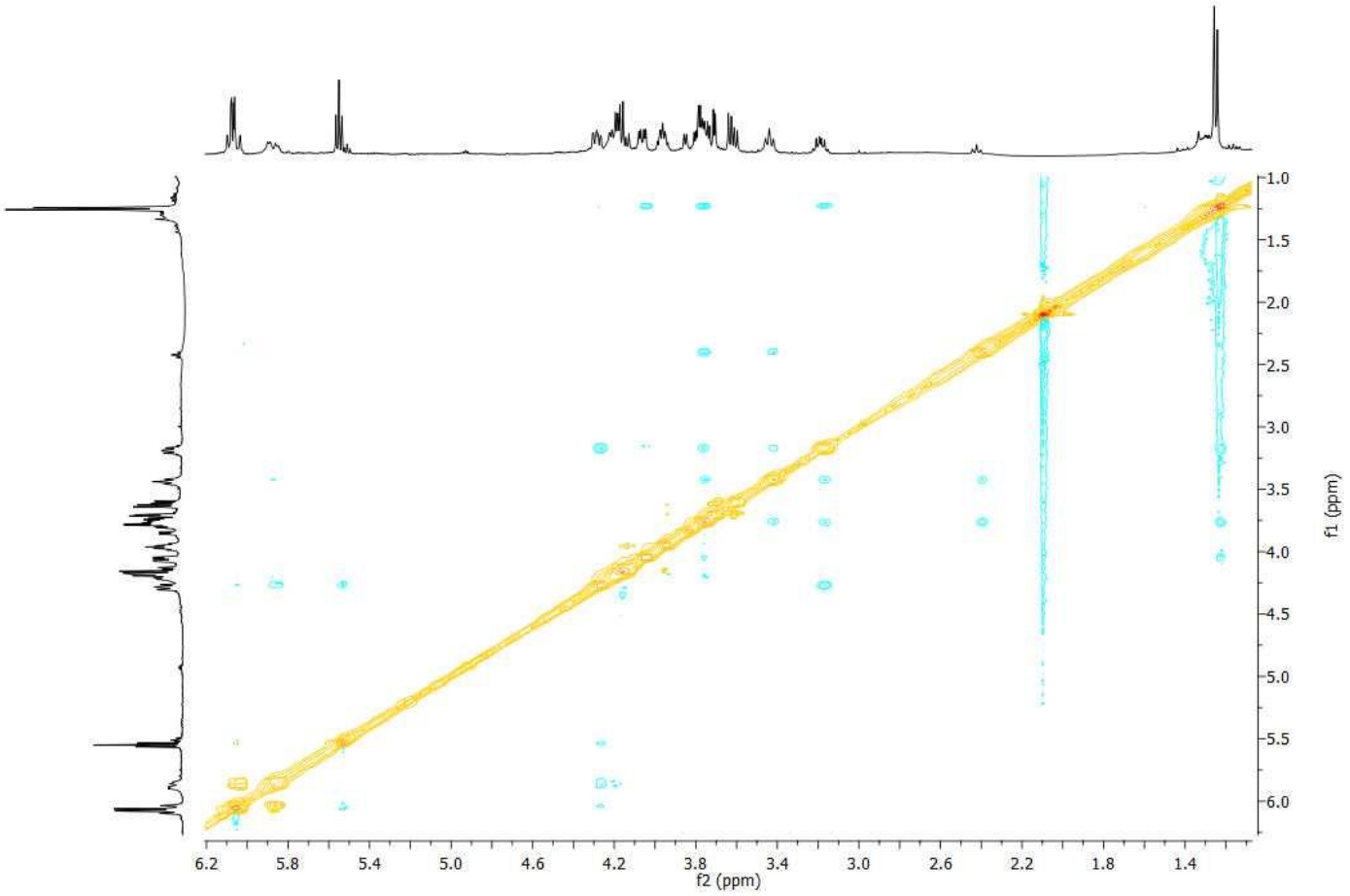


Figure S45. UV spectrum of compound **4**.

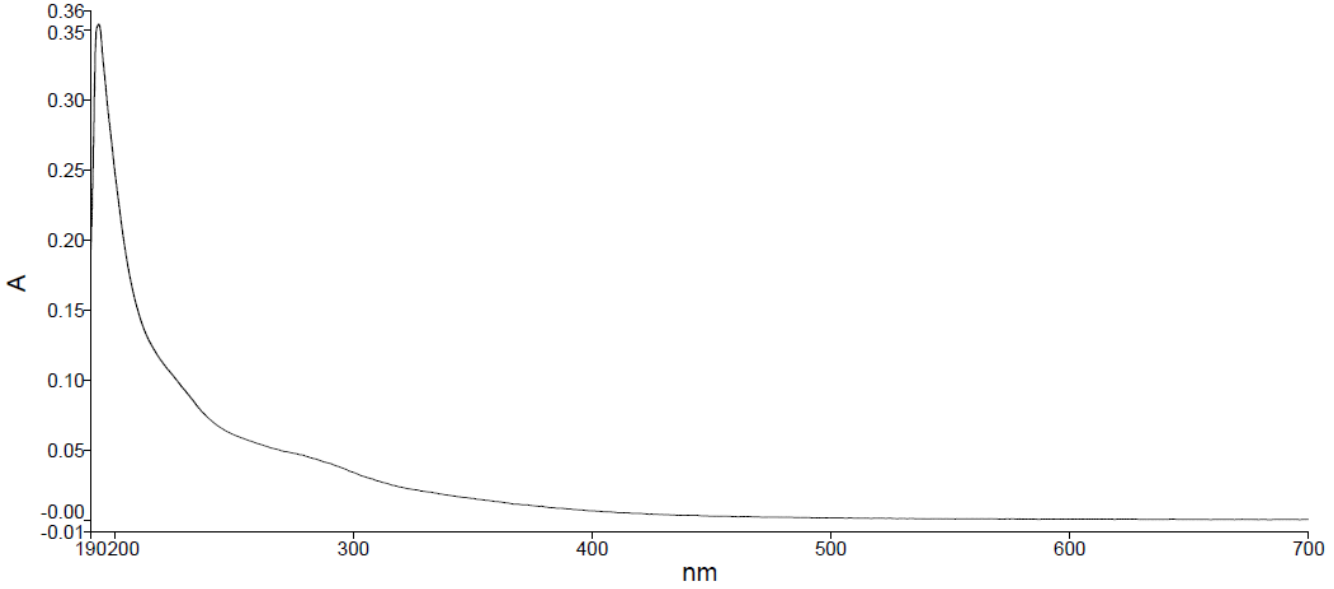


Figure S46. HRMS spectrum of compound **4** (Zoom) in negative ionization.

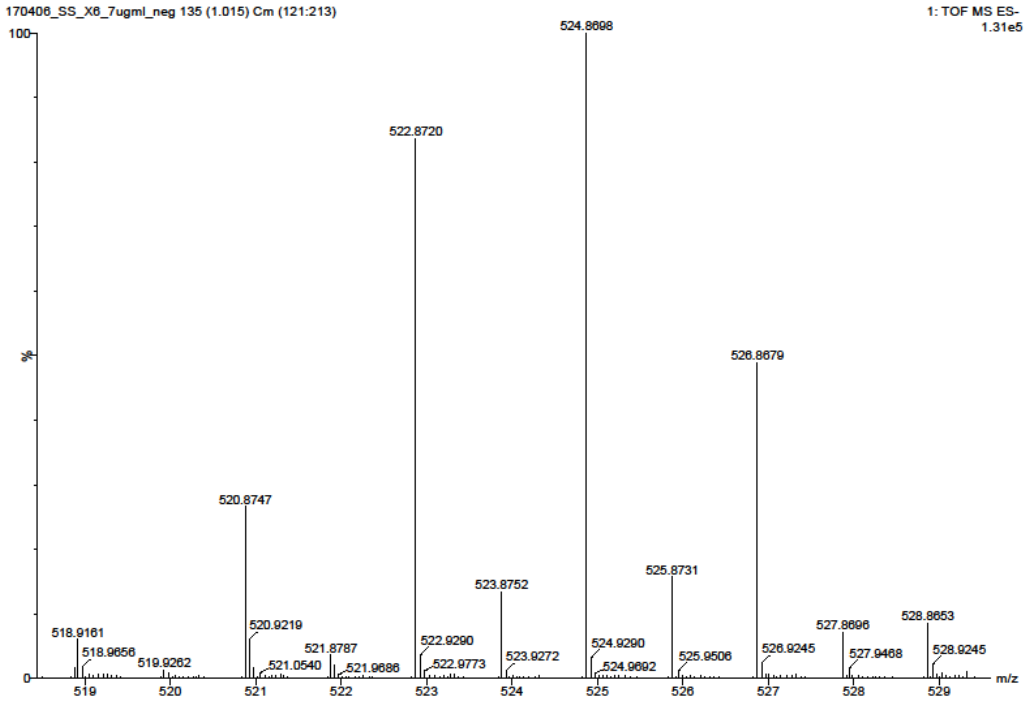


Figure S47. HRMS spectrum of compound **4** (Zoom) in positive ionization.

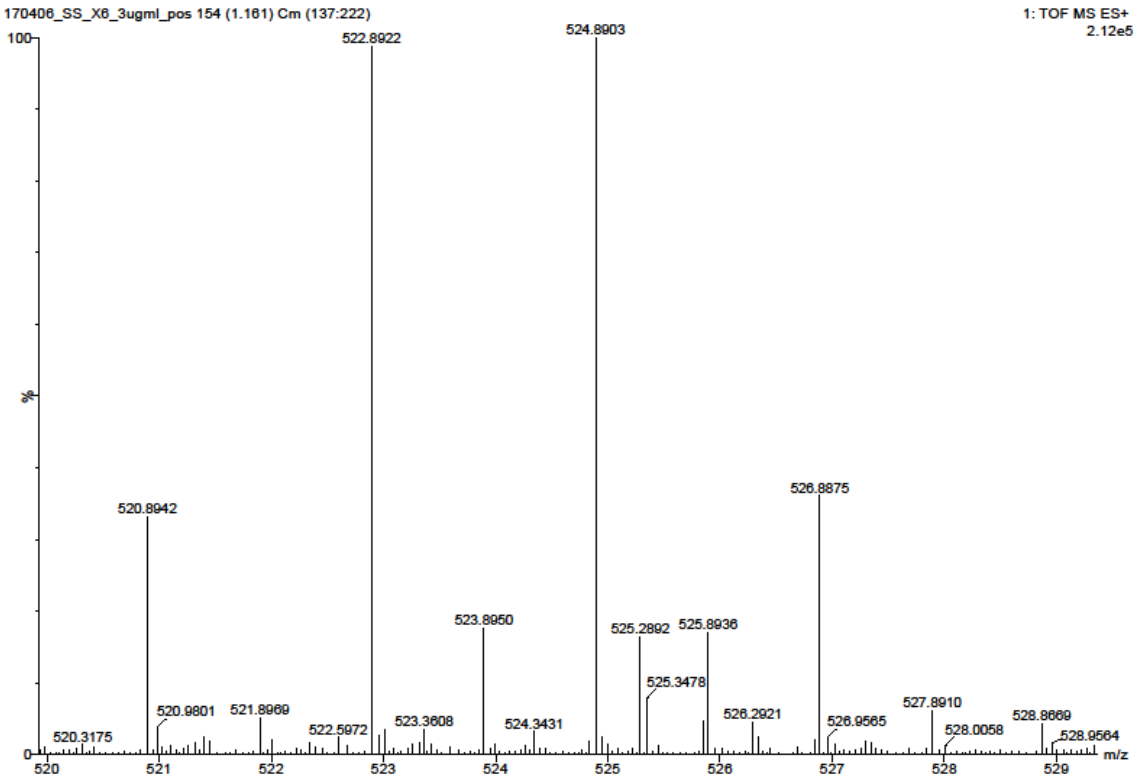


Figure S48. ^{1}H NMR spectrum of compound **5** ($CDCl_3$, 400 MHz).

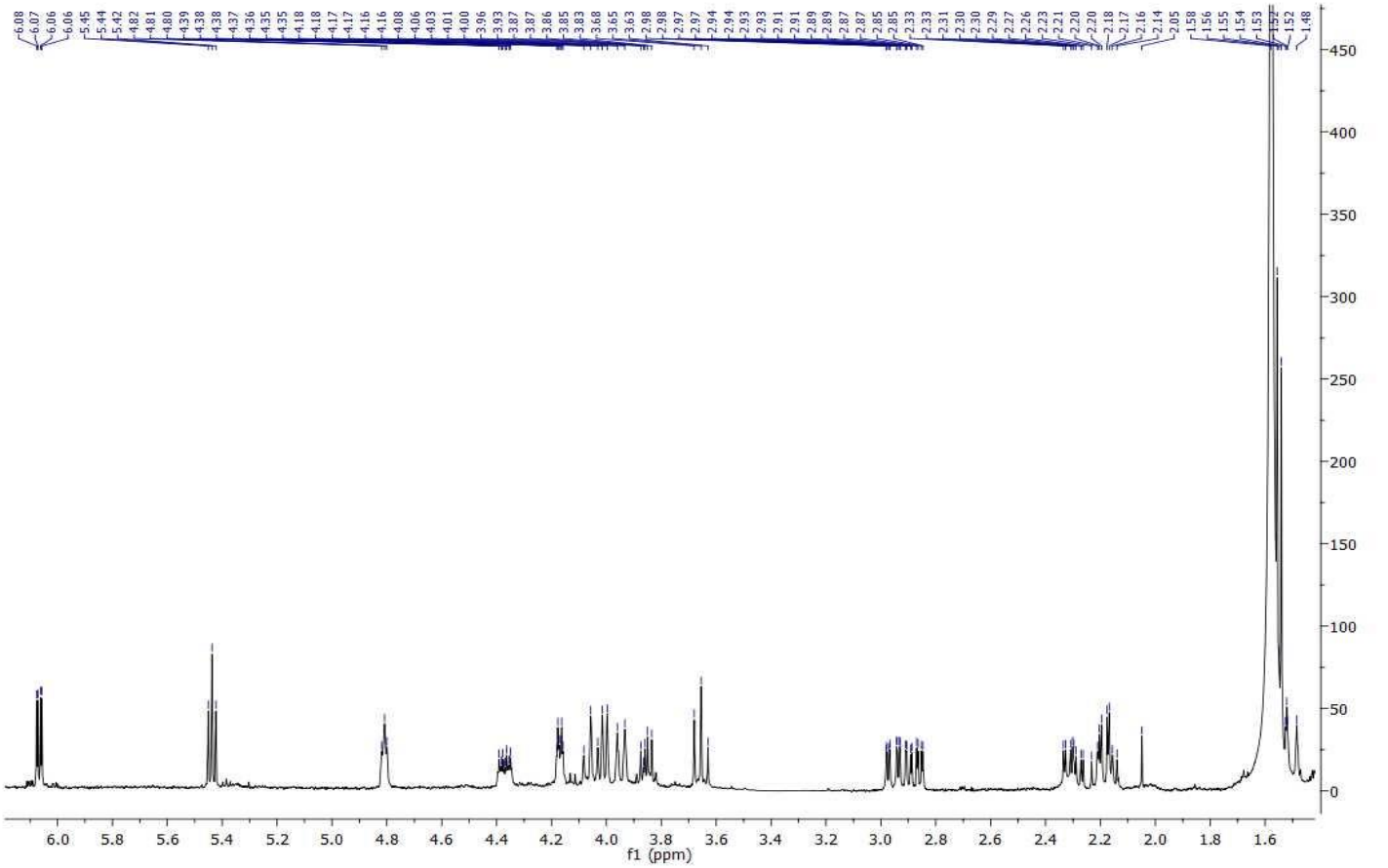


Figure S49. ^{13}C NMR spectrum of compound **5** ($CDCl_3$, 125.5 MHz).

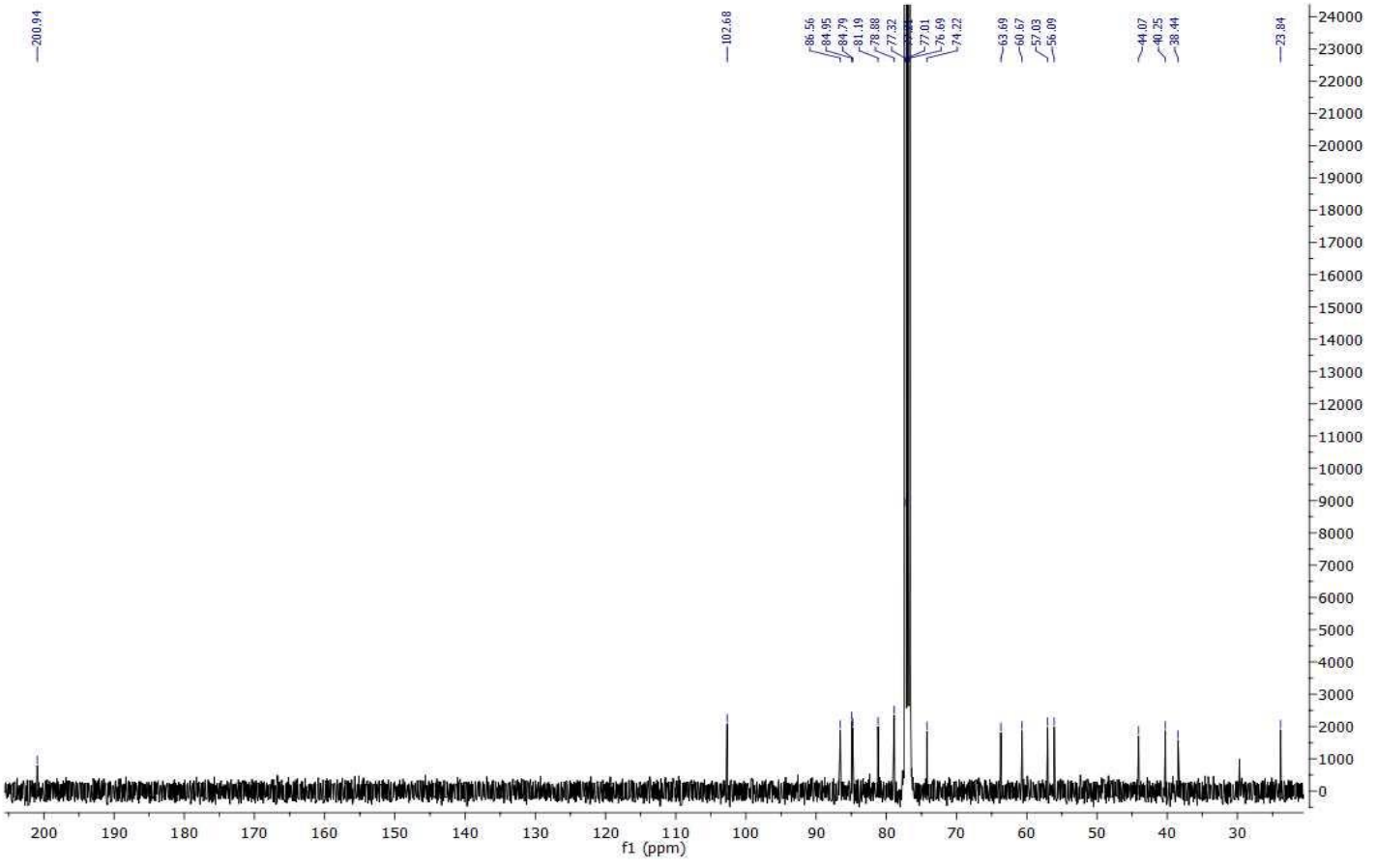


Figure S50. HSQC spectrum of compound **5** ($CDCl_3$, 400.0 MHz).

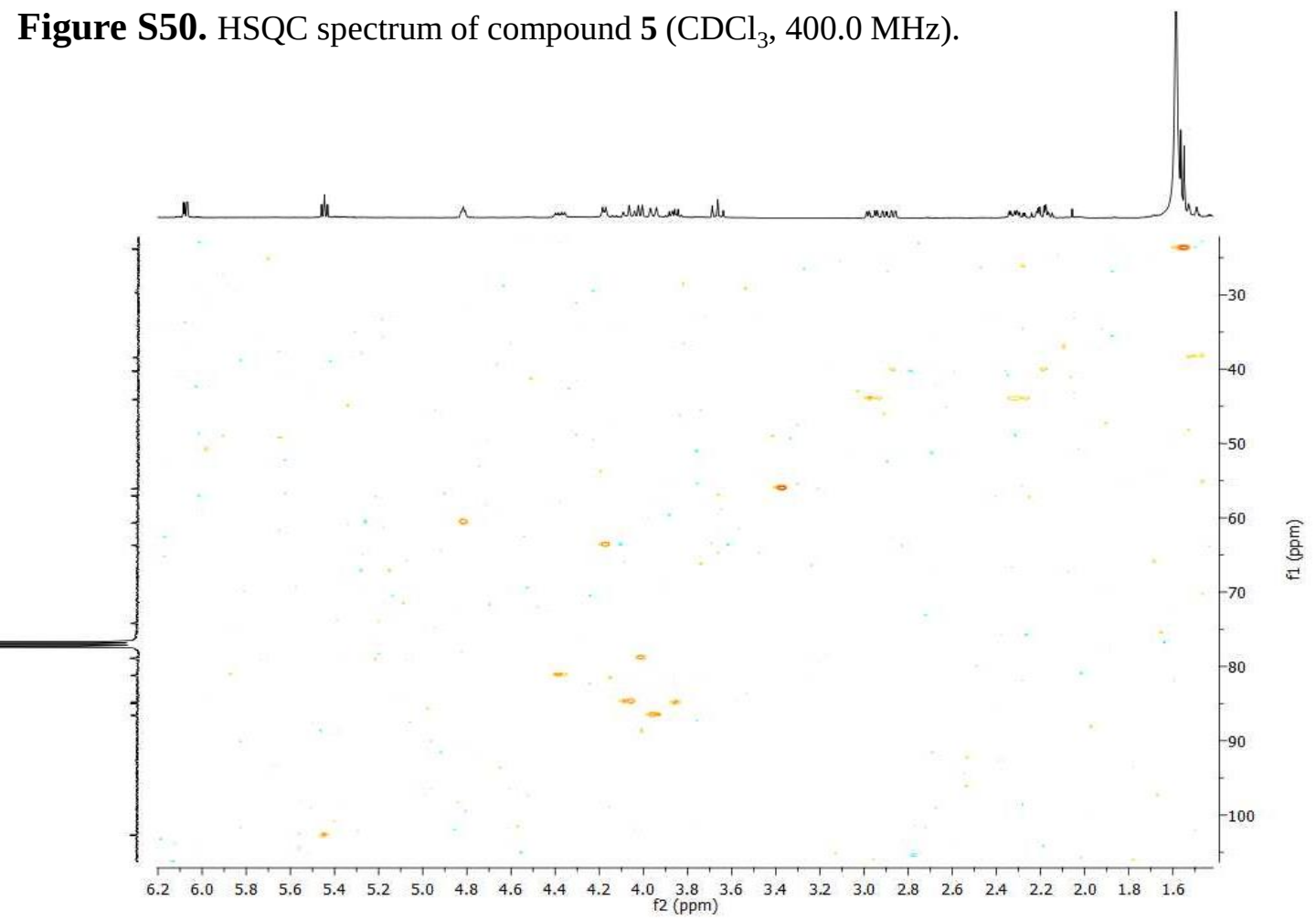


Figure S51. HMBC spectrum of compound **5** ($CDCl_3$, 400.0 MHz).

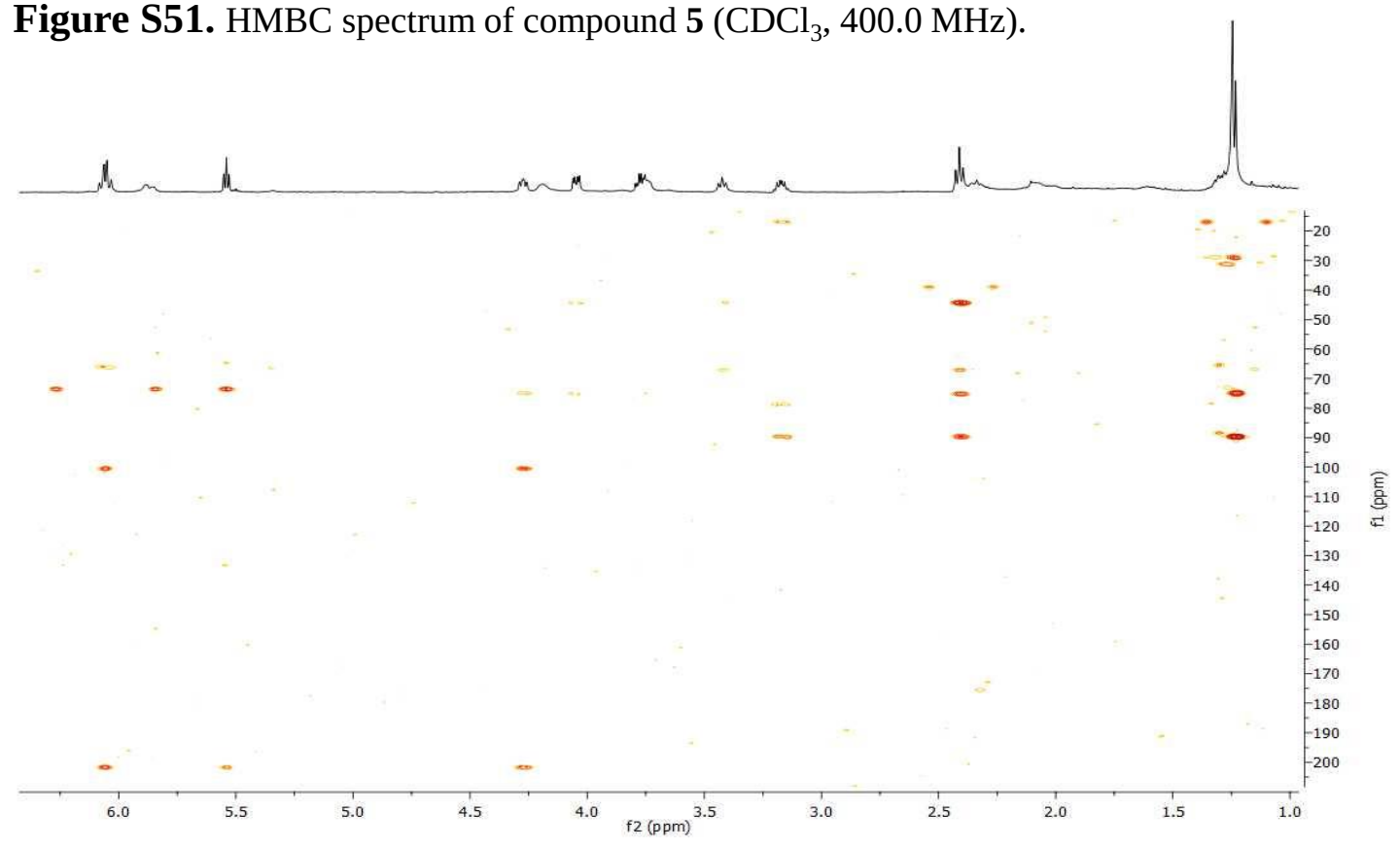


Figure S52. COSY spectrum of compound **5** at 20°C ($CDCl_3$, 400.0 MHz).

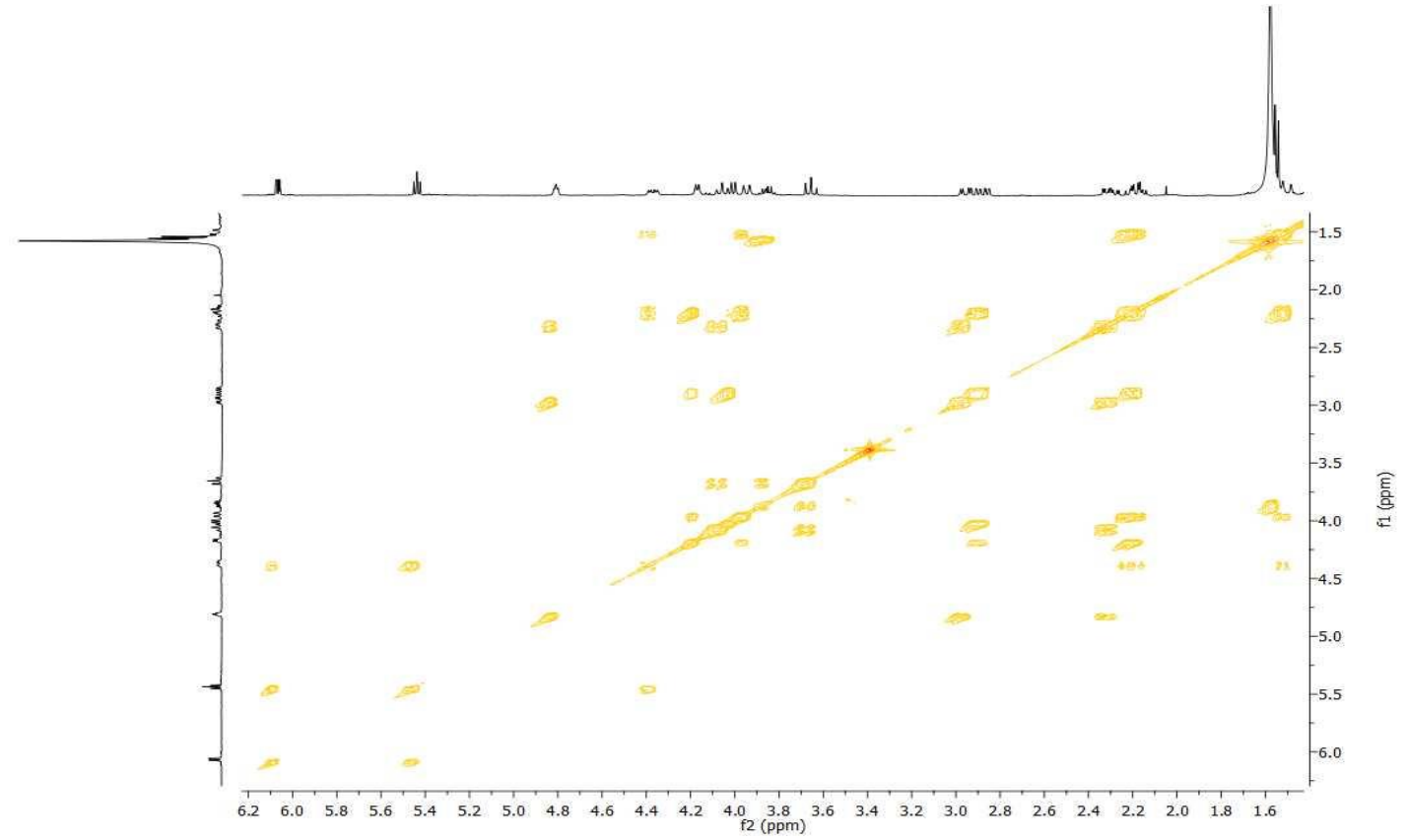


Figure S53. NOESY spectrum of compound **5** at 20°C ($CDCl_3$, 125.5 MHz).

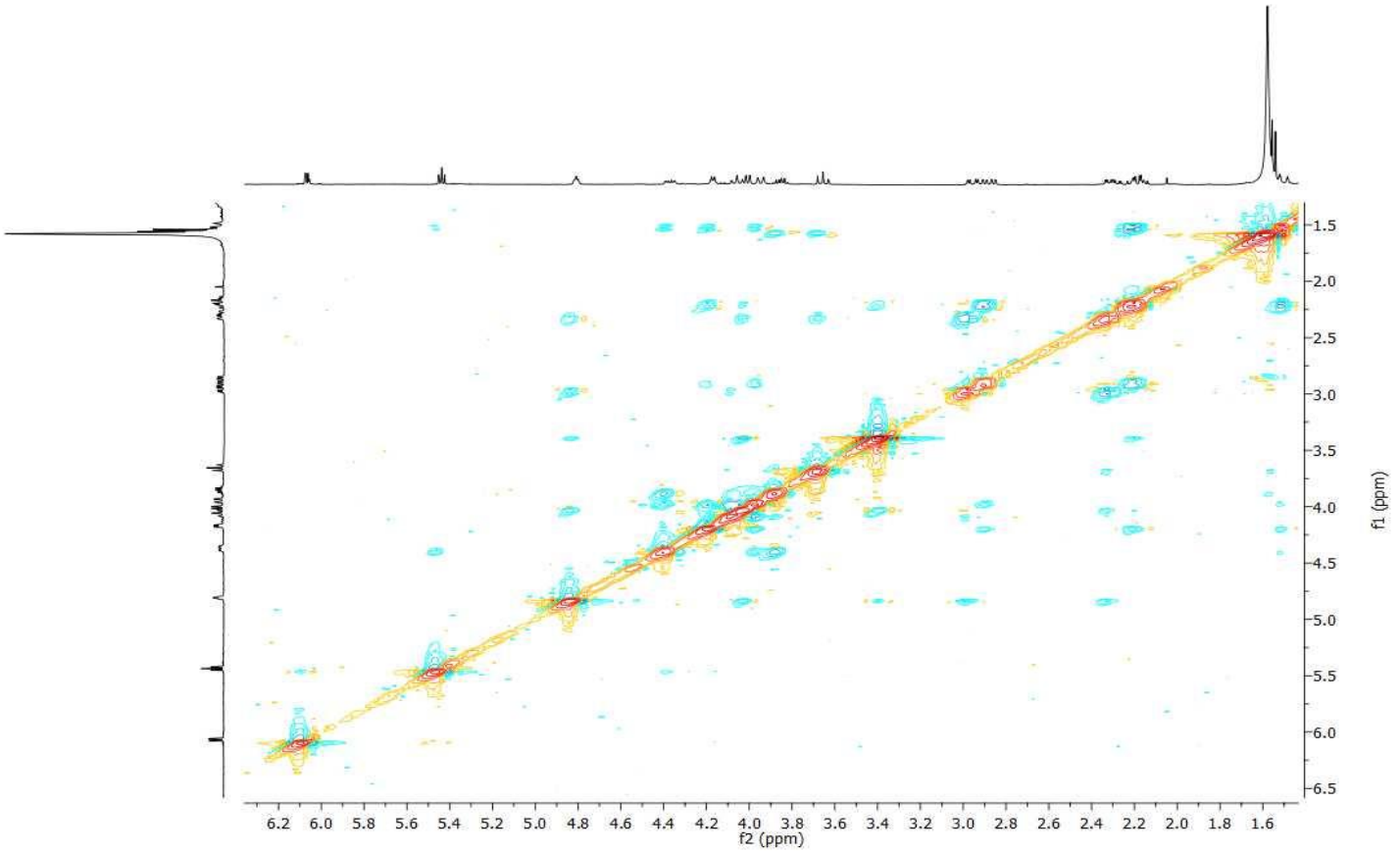


Figure S54. UV spectrum of compound **5**.

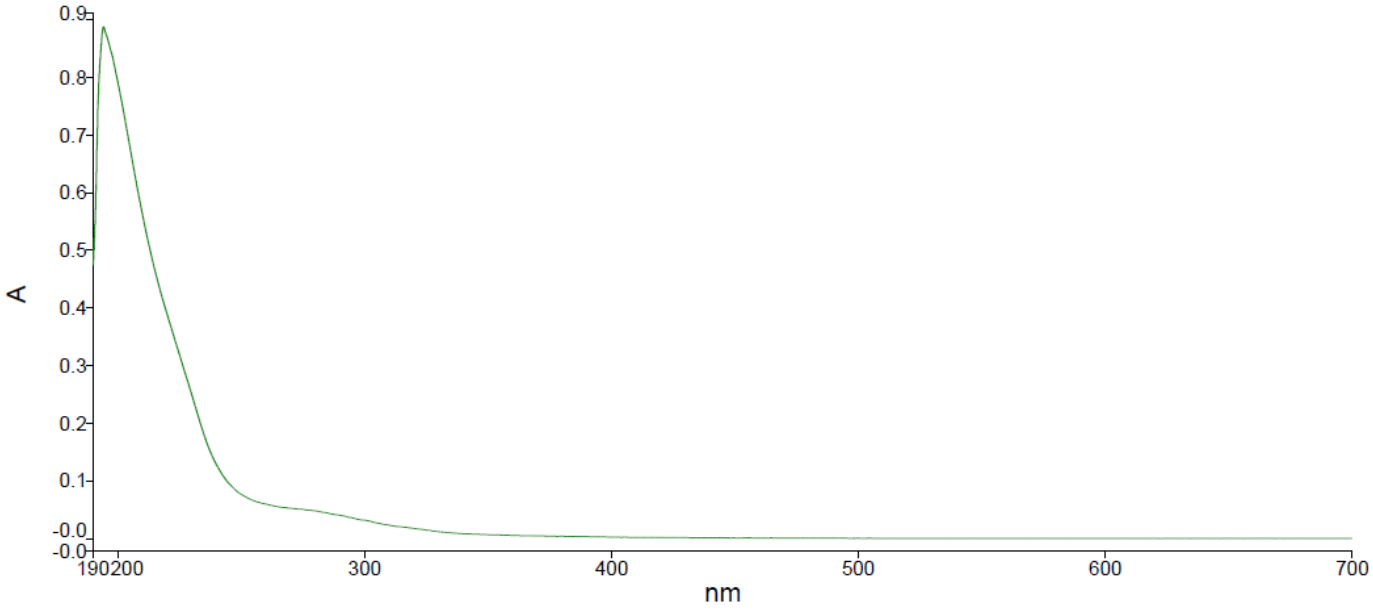
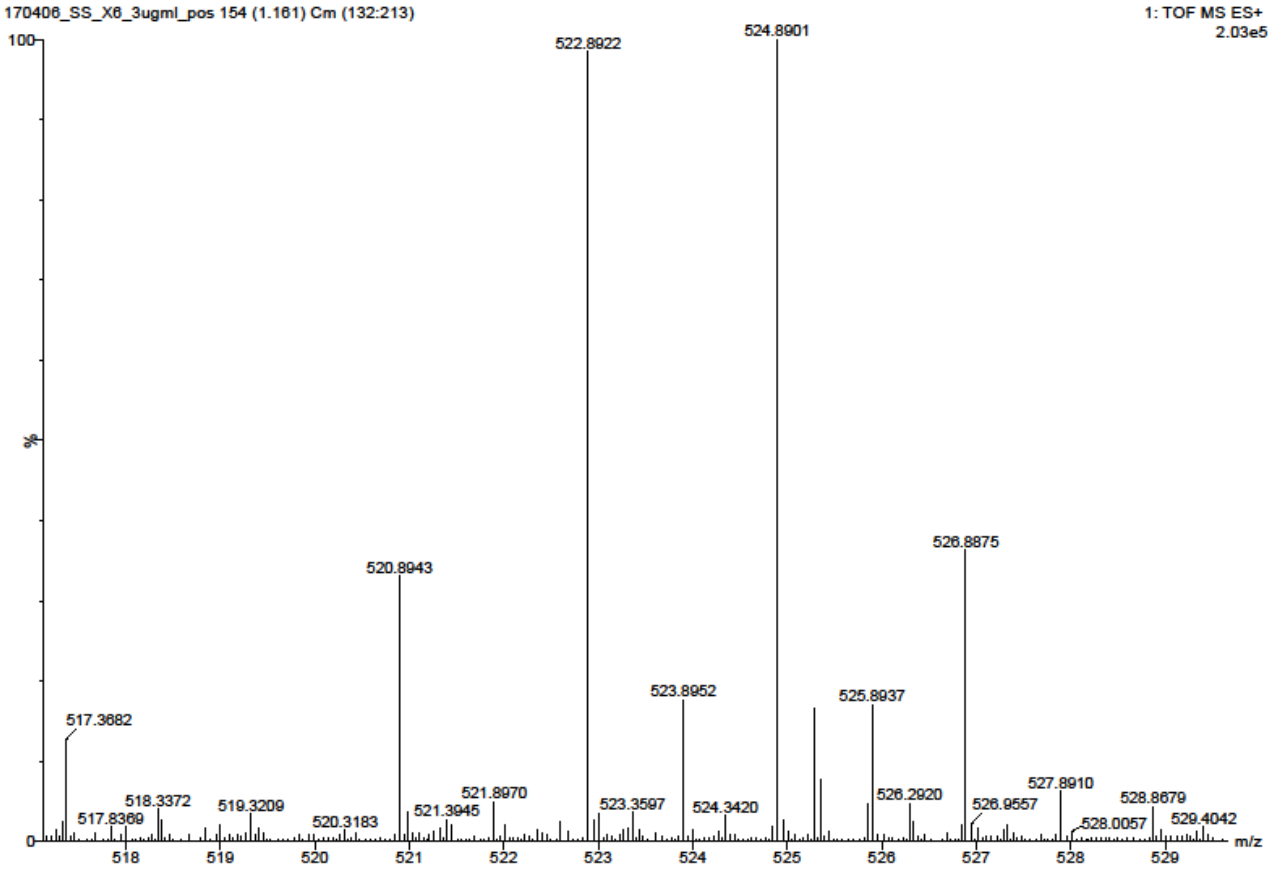
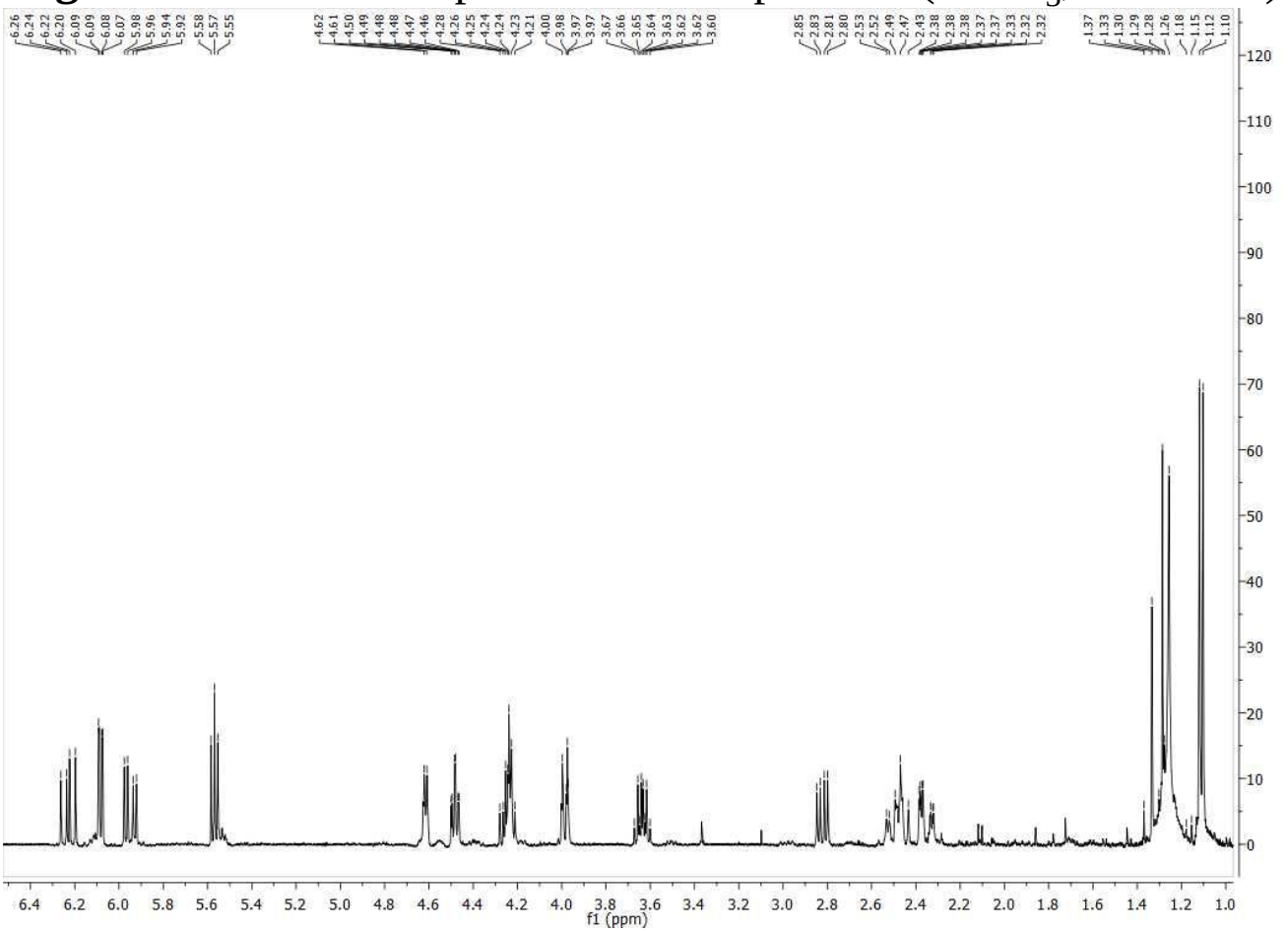


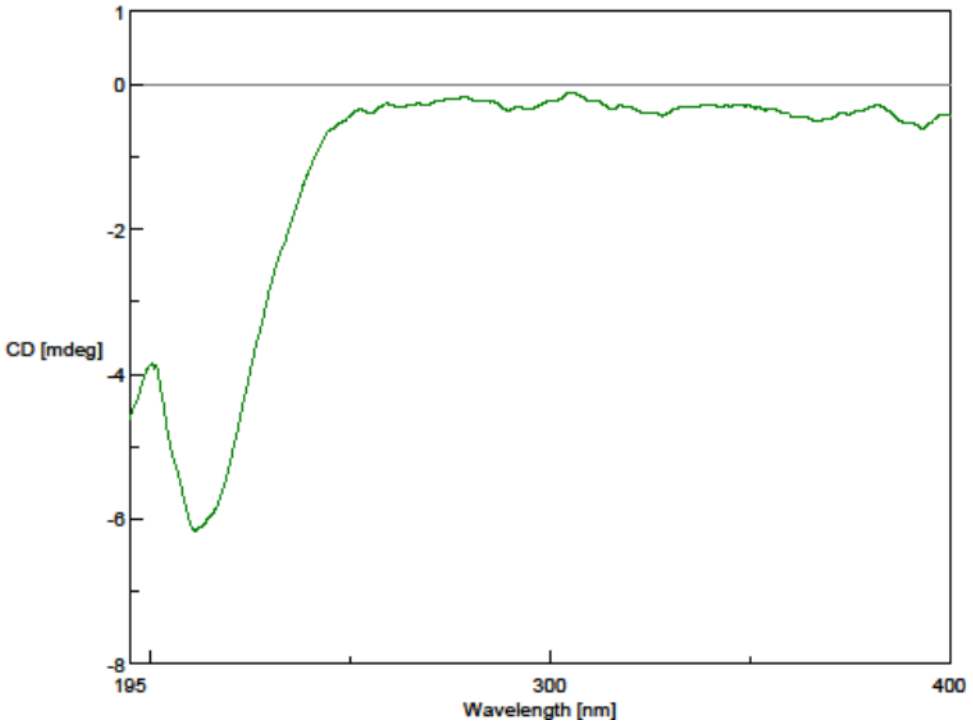
Figure S55. HRMS spectrum of compound **5** (Zoom) in positive ionization.



- **Figure S56.** ^{1}H NMR spectrum of compound **6** ($CDCl_3$, 400 MHz).



- **Figure S57.** Experimental CD spectra of **6** in MeOH



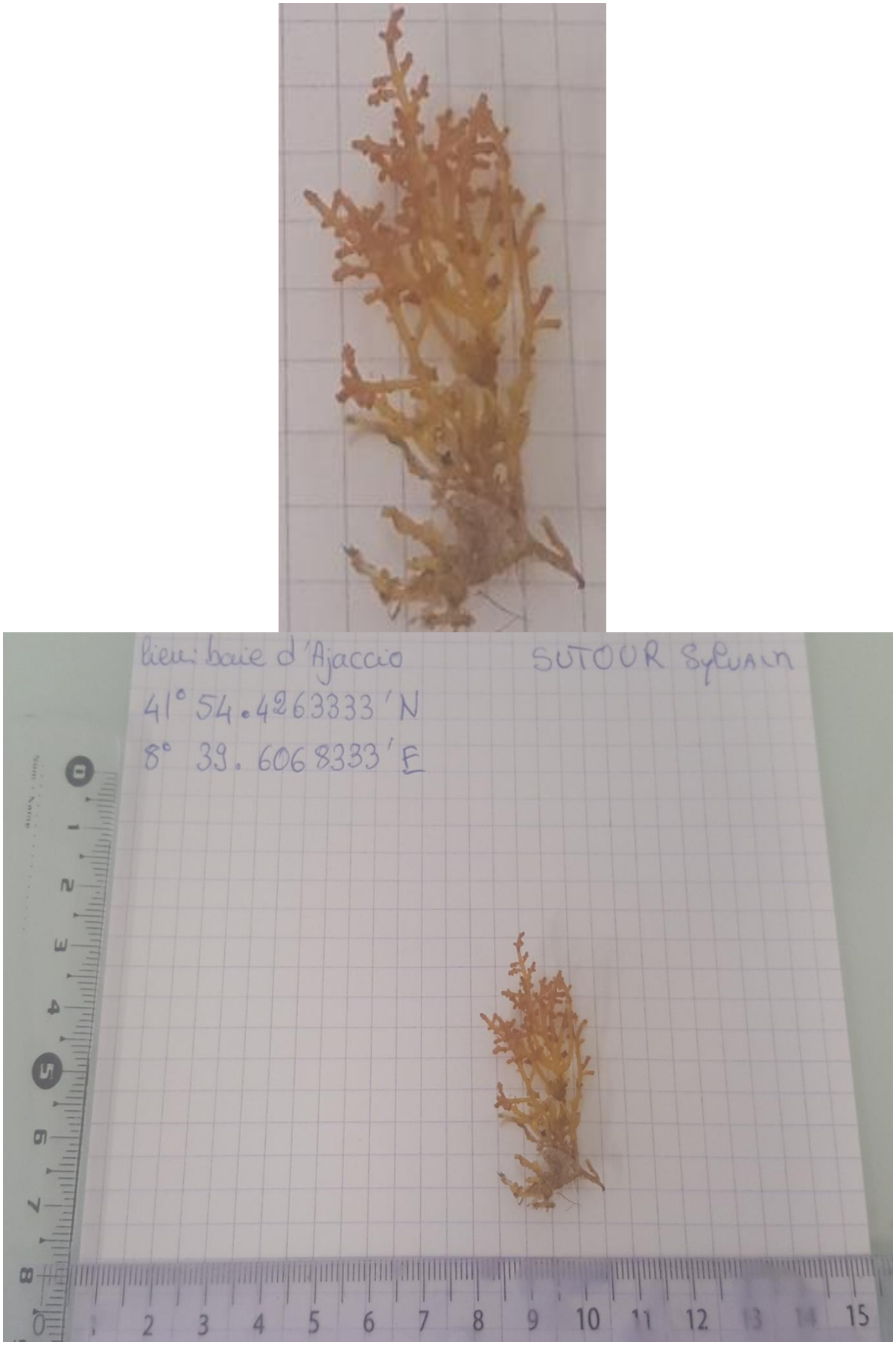


Figure S58. Picture of a specimen of *Laurenciella* sp. collected in Ajaccio bay, Corsica, France.

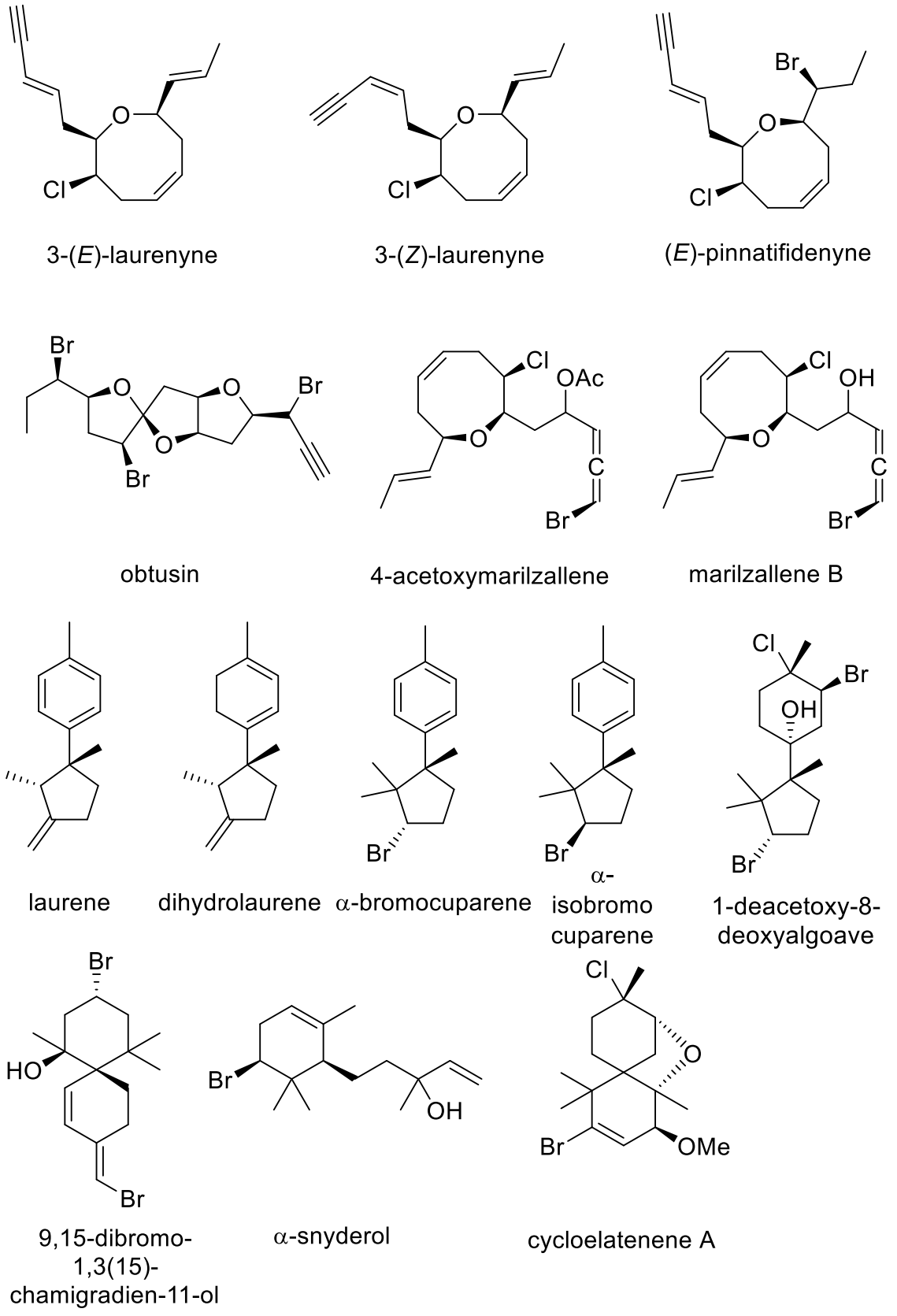


Figure S59. Known C_{15} acetogenins and sesquiterpens identified from *Laurenciella* sp. extract.

	1
Chemical formula	$C_{18}H_{24}Br_2O_5$
Formula weight	480.19
Crystal system	monoclinic
Space group	*P* 2_1 (no. 4)
Crystal colour and shape	Colorless plate
Crystal size	0.43 x 0.18 x 0.16
a (Å)	4.7521(3)
b (Å)	25.2432(16)
c (Å)	17.1496(11)
B (°)	90.701(5)
V (Å^3)	2057.1(2)
Z	4
T (K)	293(2)
D_c (g·cm^{-3})	1.550
μ (mm^{-1})	3.964
Scan range (°)	$1.613 < \theta < 29.364$
Unique reflections	11216
Observed refls [I>2σ(I)]	5616
R_{int}	0.0693
Flack parameter	-0.014(7)
Final *R* indices [I>2σ(I)]*	0.0656, wR_2 0.1390
R indices (all data)	0.1318, wR_2 0.1563
Goodness-of-fit	1.022
Max, Min Δρ/e (Å^{-3})	0.992, -0.628

* Structures were refined on F_0^2: $wR_2 = [\Sigma[w (F_0^2 - F_c^2)^2] / \Sigma w (F_0^2)^2]^{1/2}$, where $w^{-1} = [\Sigma(F_0^2) + (aP)^2 + bP]$ and $P = [\max(F_0^2, 0) + 2F_c^2]/3$

Table S60. Crystallographic and structure refinement parameters for **1**.