

Supplementary Materials: New Cyclotetrapeptides and a New Diketopiperazine Derivative from the Marine Sponge-Associated Fungus *Neosartorya glabra* KUFA 0702

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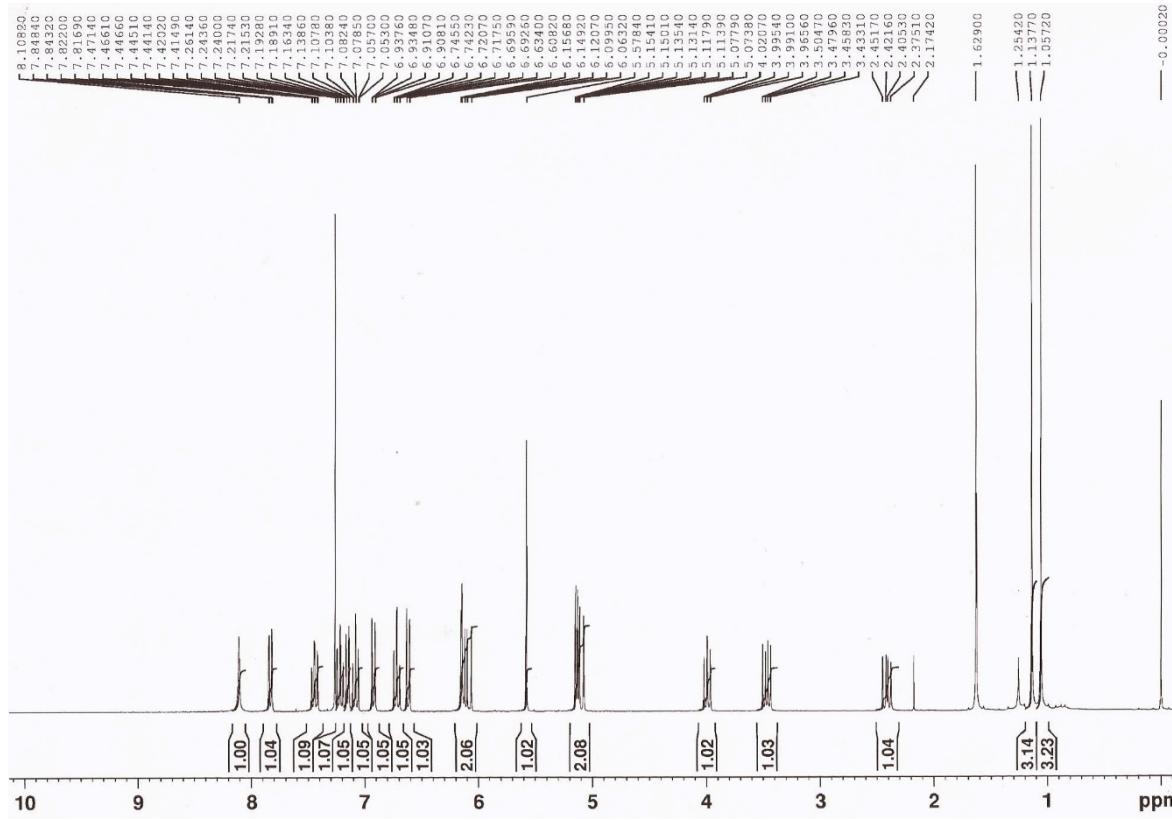
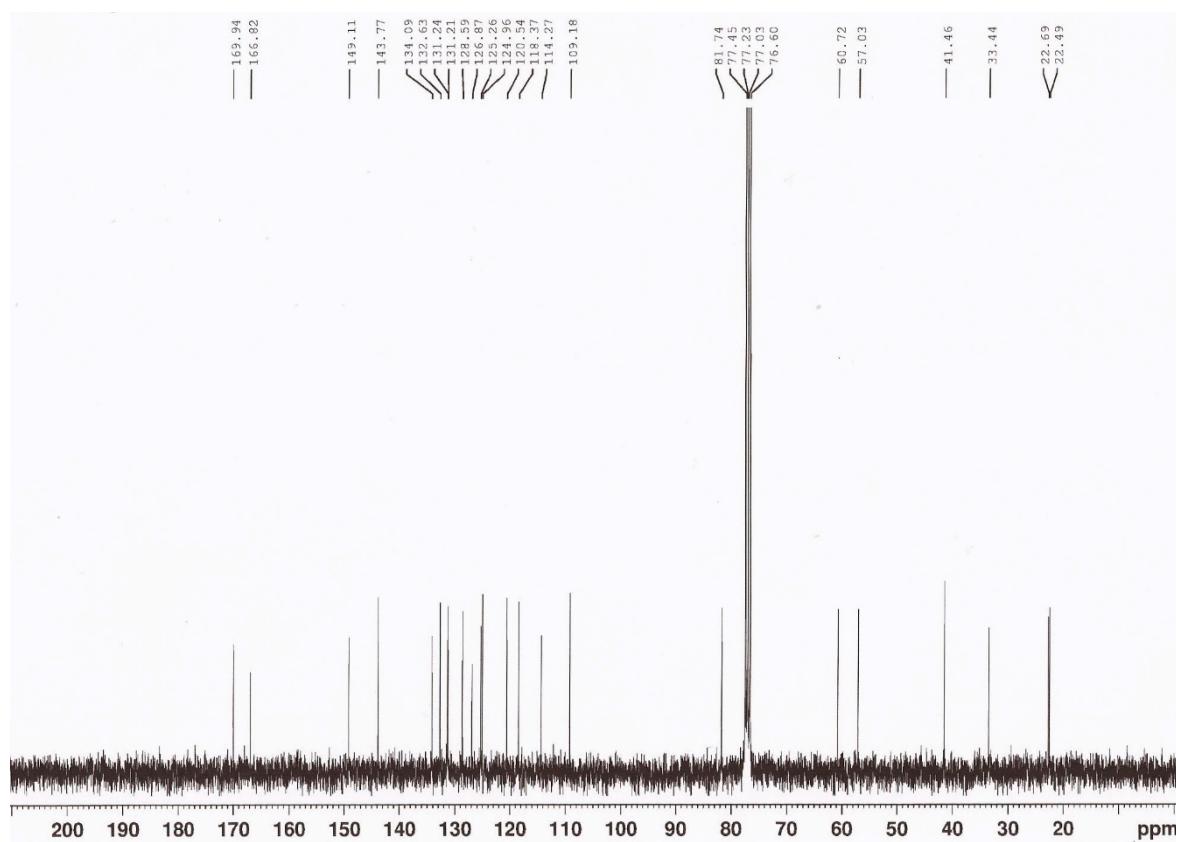
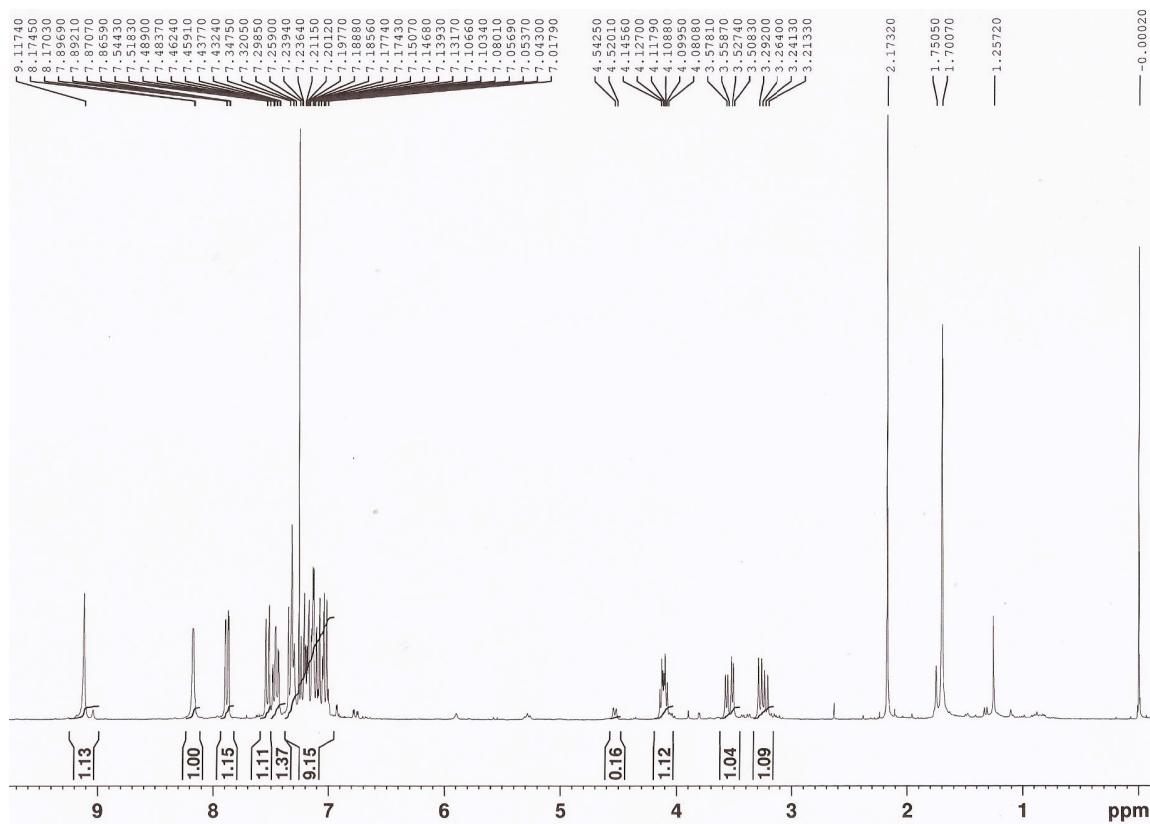


Figure S1. ^1H NMR spectrum of compound 1 (CDCl_3 , 300.13 MHz).

Figure S2. ^{13}C NMR spectrum of compound 1 (CDCl_3 , 75.4 MHz).Figure S3. ^1H NMR spectrum of compound 2 (CDCl_3 , 300.13 MHz).

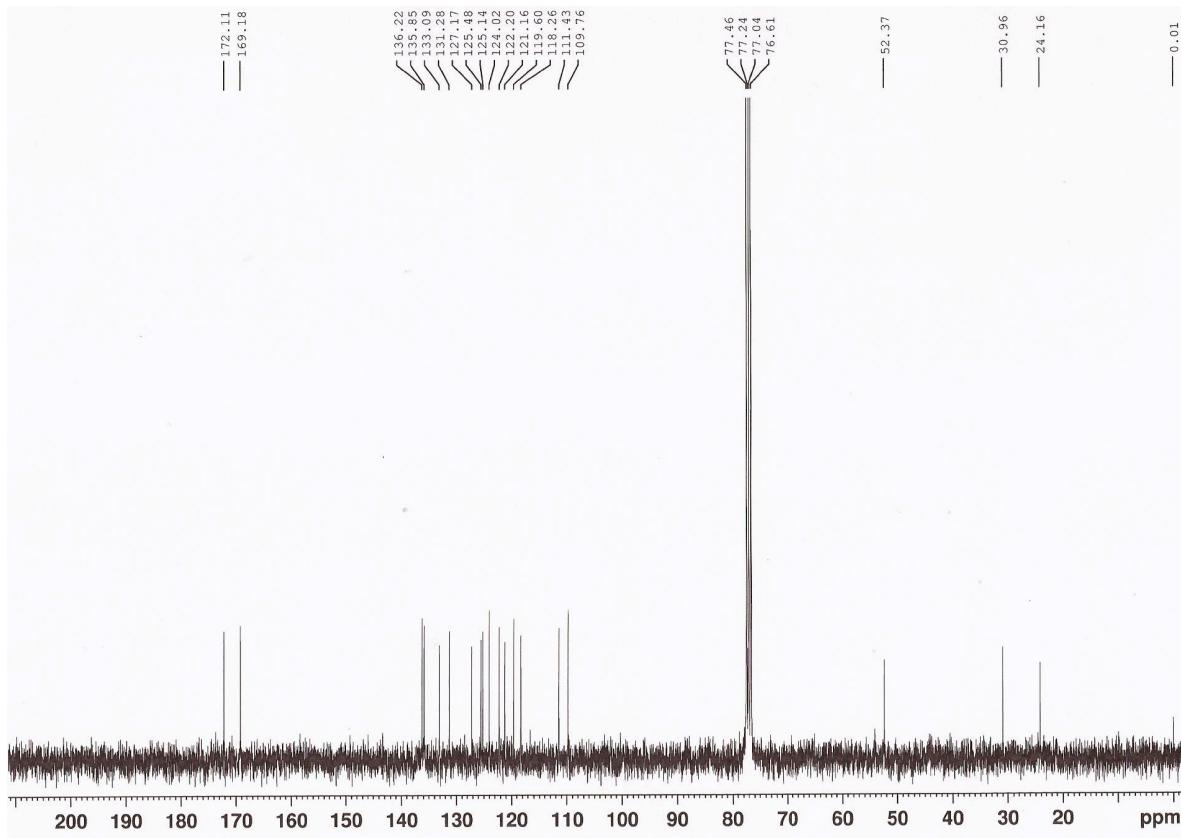


Figure S4. ¹³C NMR spectrum of compound 2 (CDCl₃, 75.4 MHz).

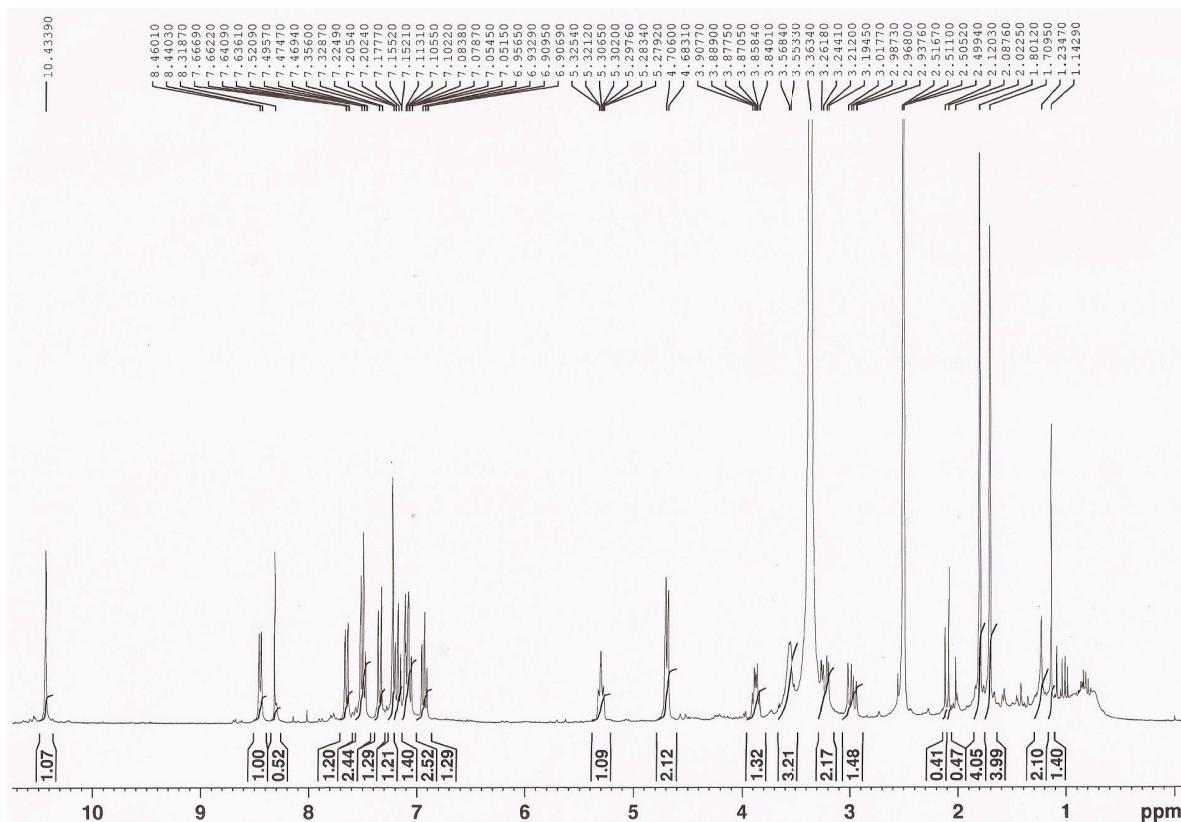
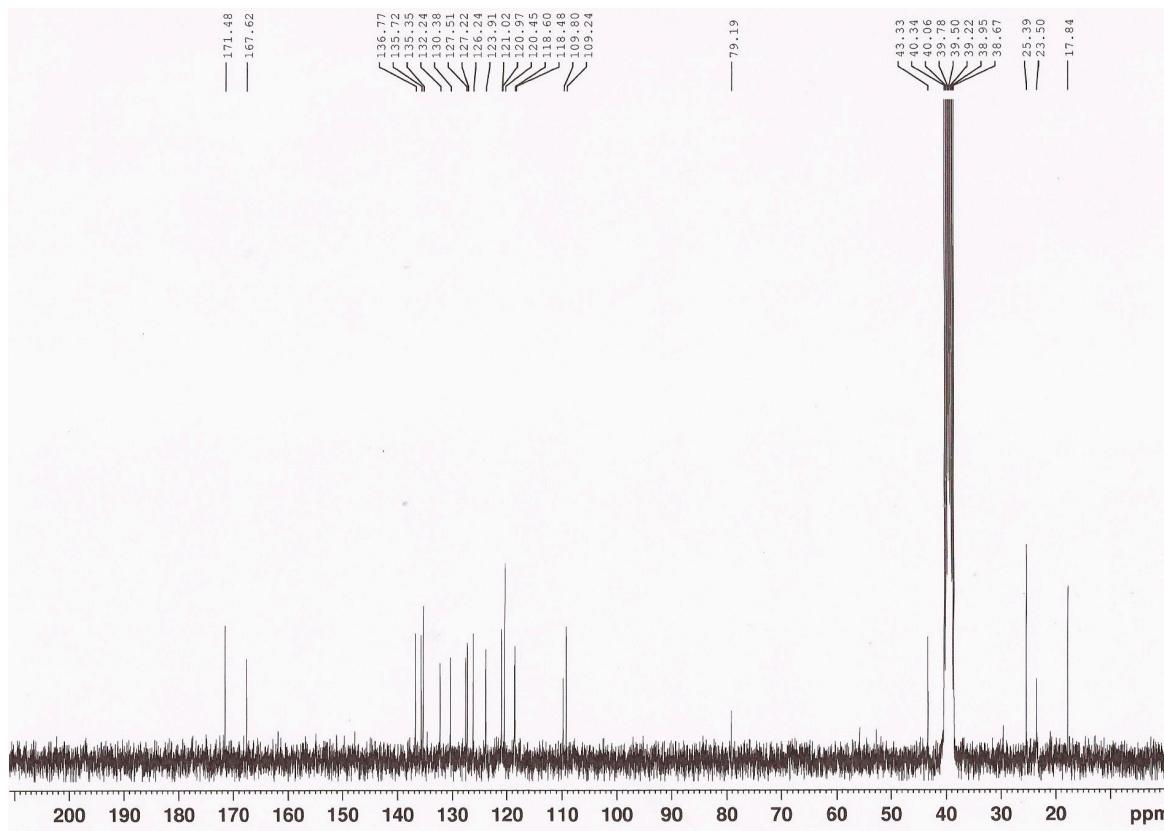
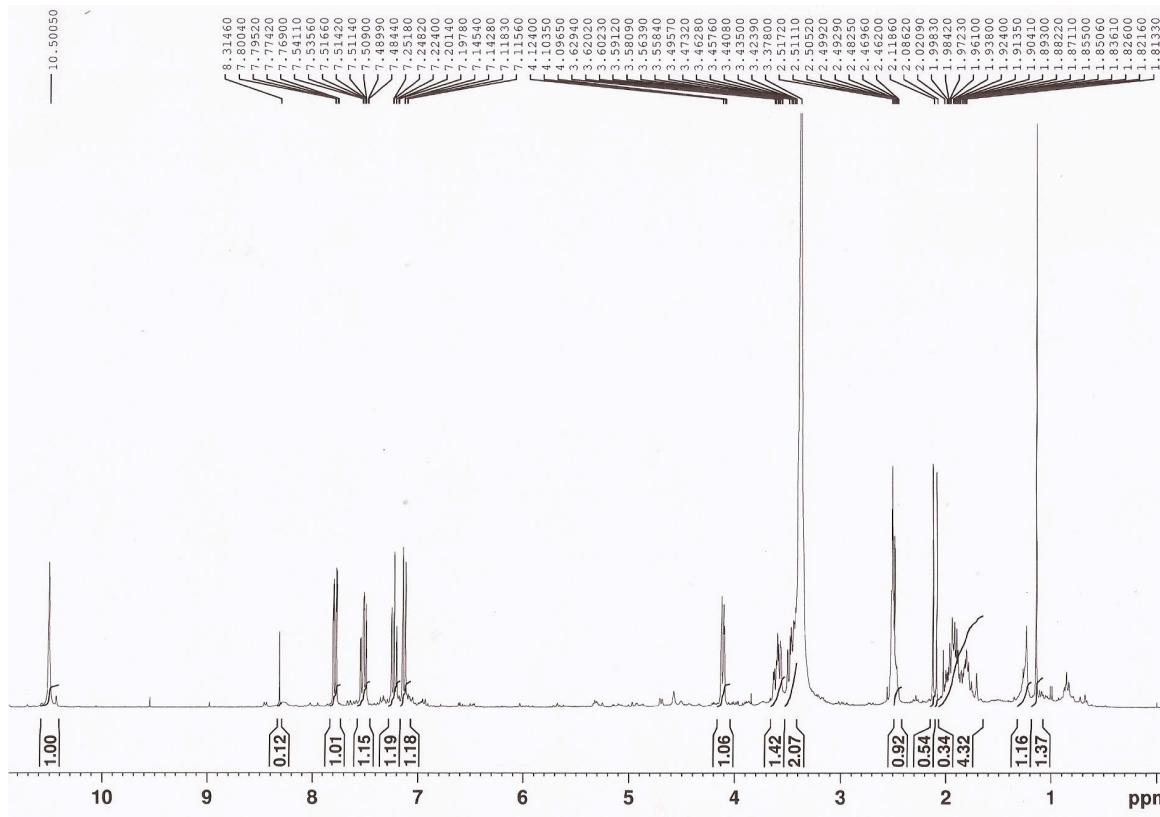
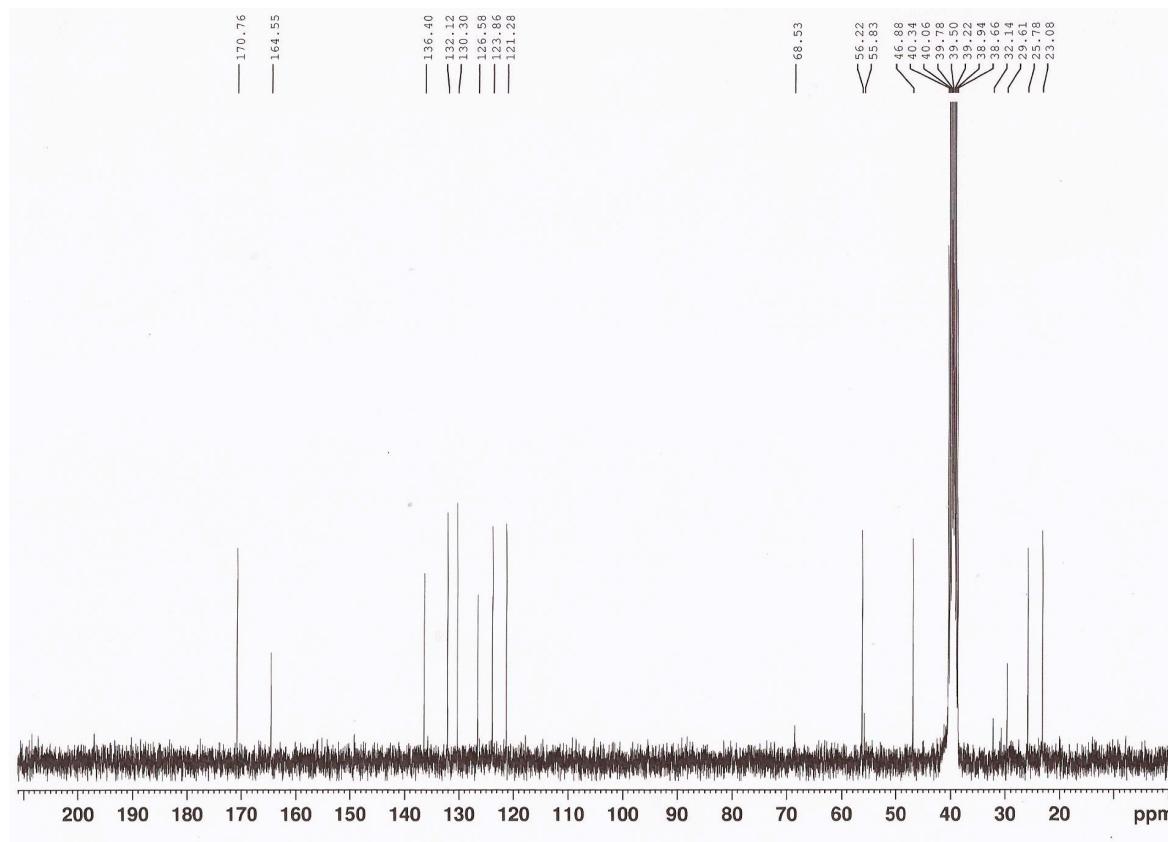
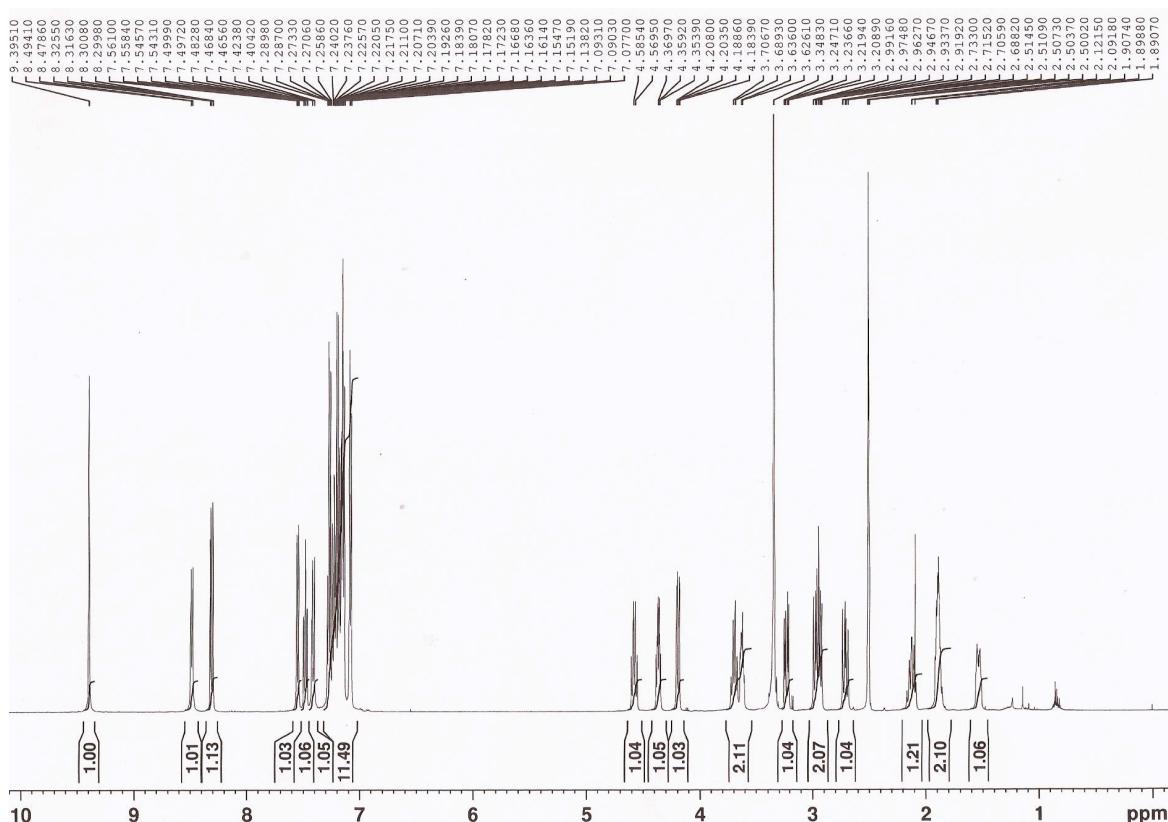


Figure S5. ¹H NMR spectrum of compound 3 (CDCl₃, 300.13 MHz).

**Figure S6.** ^{13}C NMR spectrum of compound 3 (CDCl_3 , 75.4 MHz).**Figure S7.** ^1H NMR spectrum of compound 4 (DMSO, 300.13 MHz).

Figure S8. ¹³C NMR spectrum of compound 4 (DMSO, 75.4 MHz).

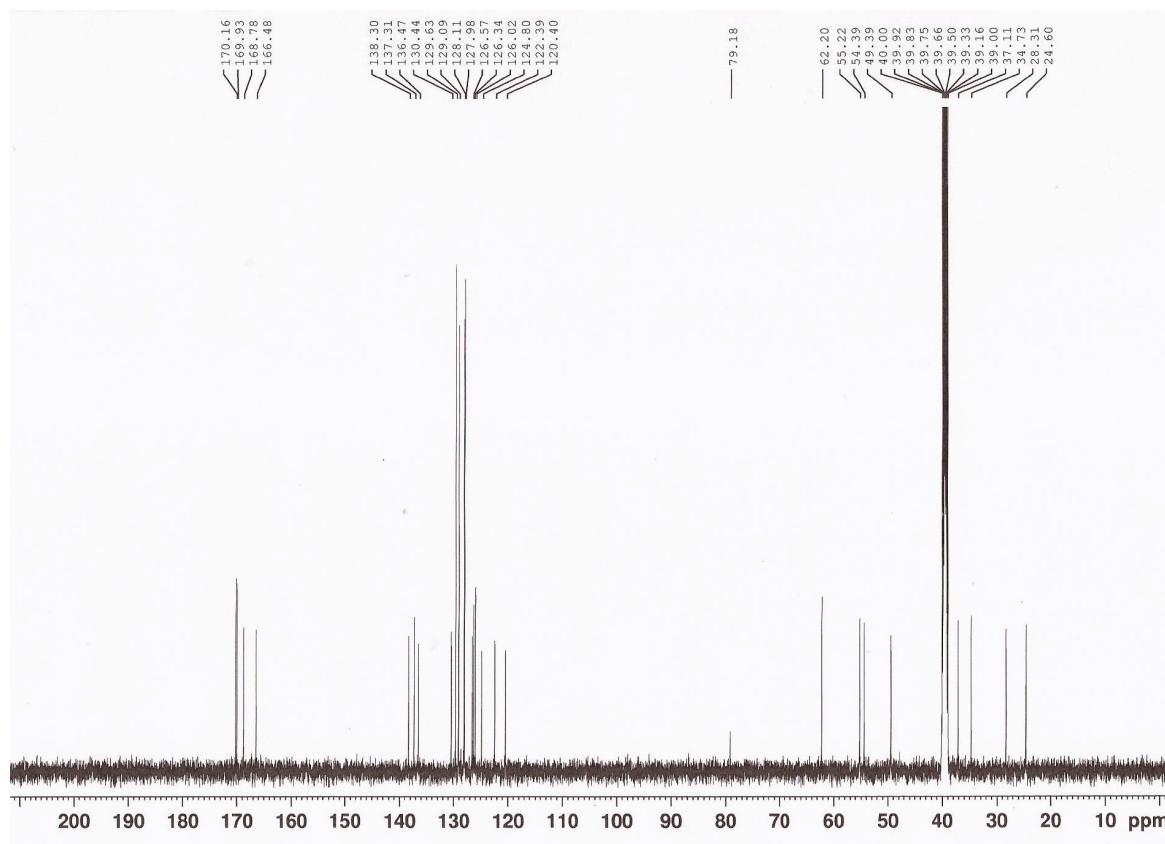


Figure S10. ^{13}C NMR spectrum of compound 5 (DMSO, 125.8 MHz).

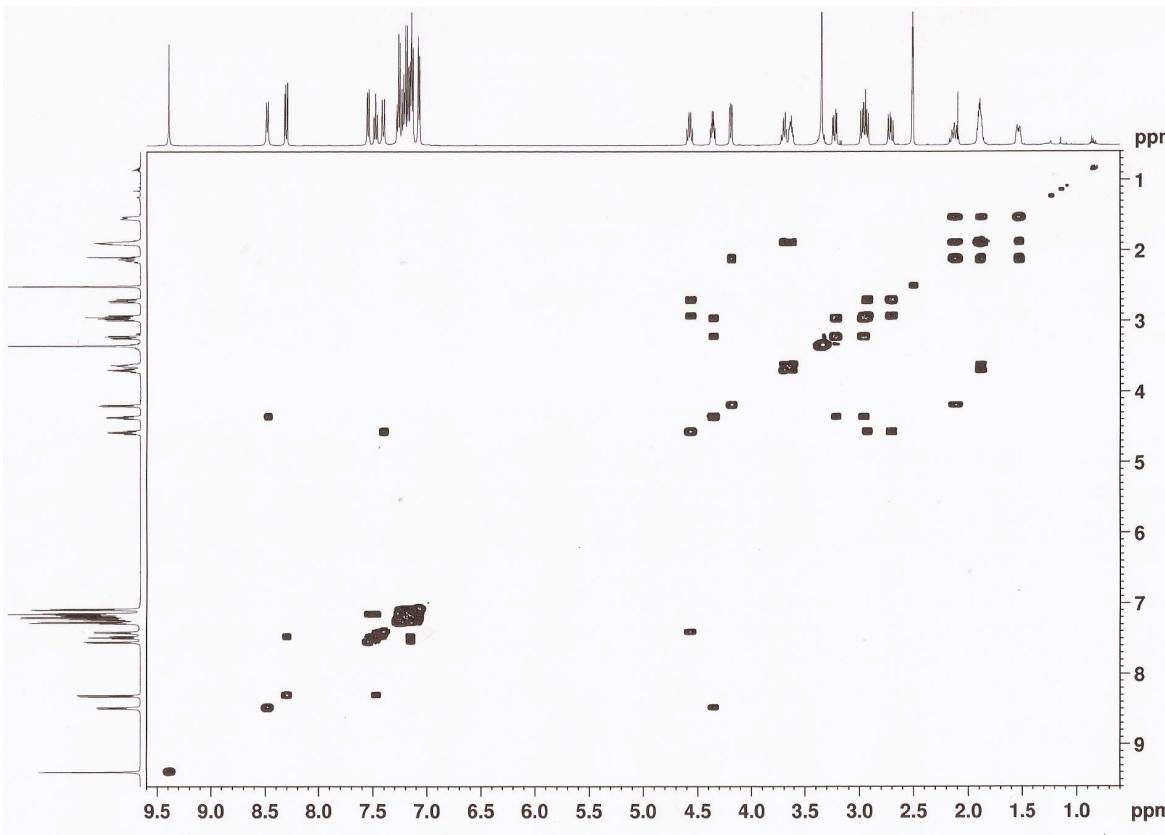


Figure S11. COSY spectrum of compound 5 (DMSO, 500.13 MHz).

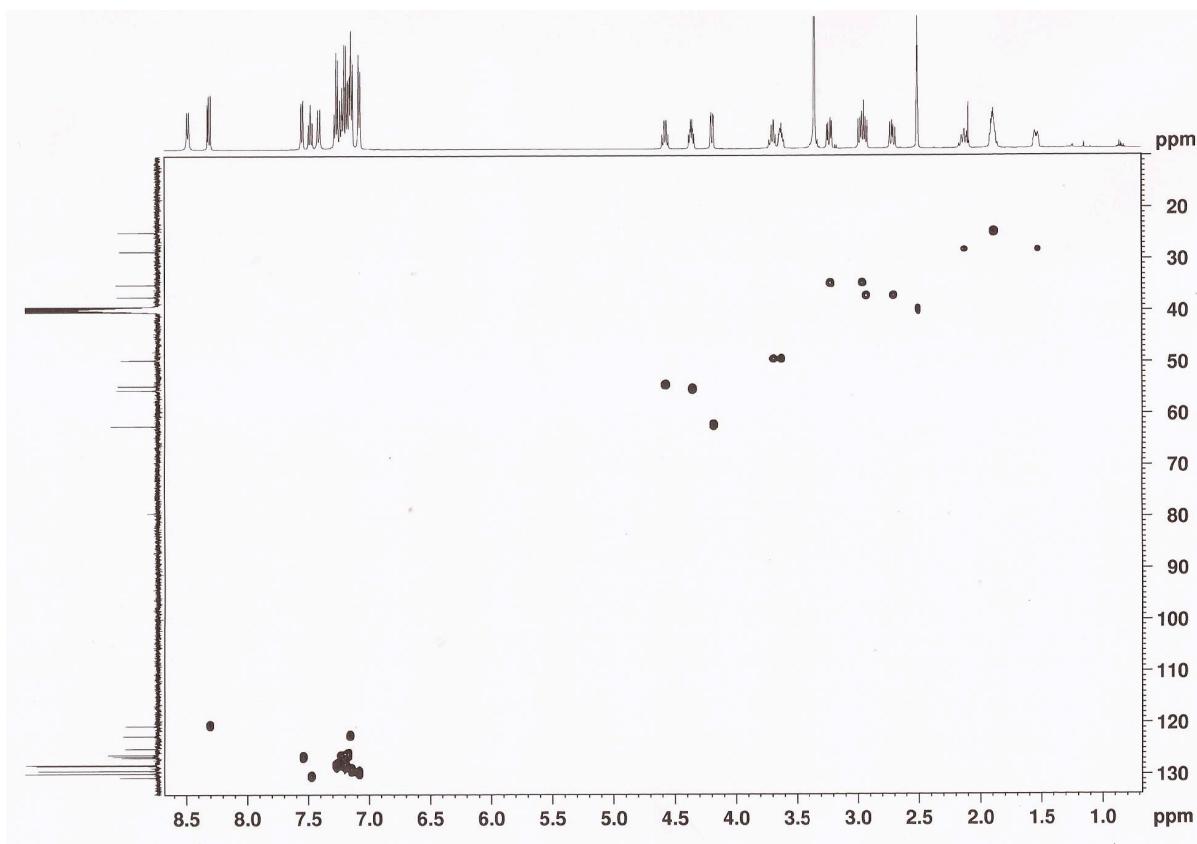


Figure S12. HSQC spectrum of compound 5 (DMSO, 500.13 MHz).

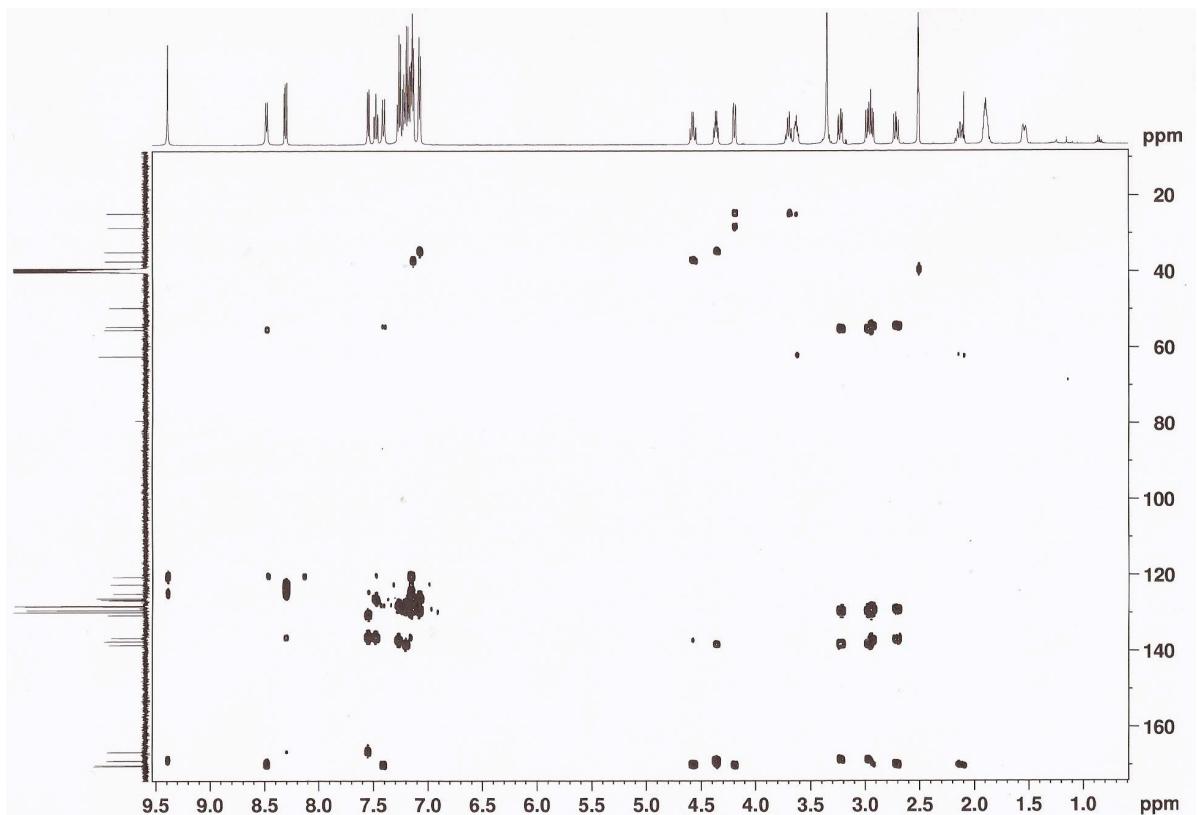


Figure S13. HMBC spectrum of compound 5 (DMSO, 500.13 MHz).

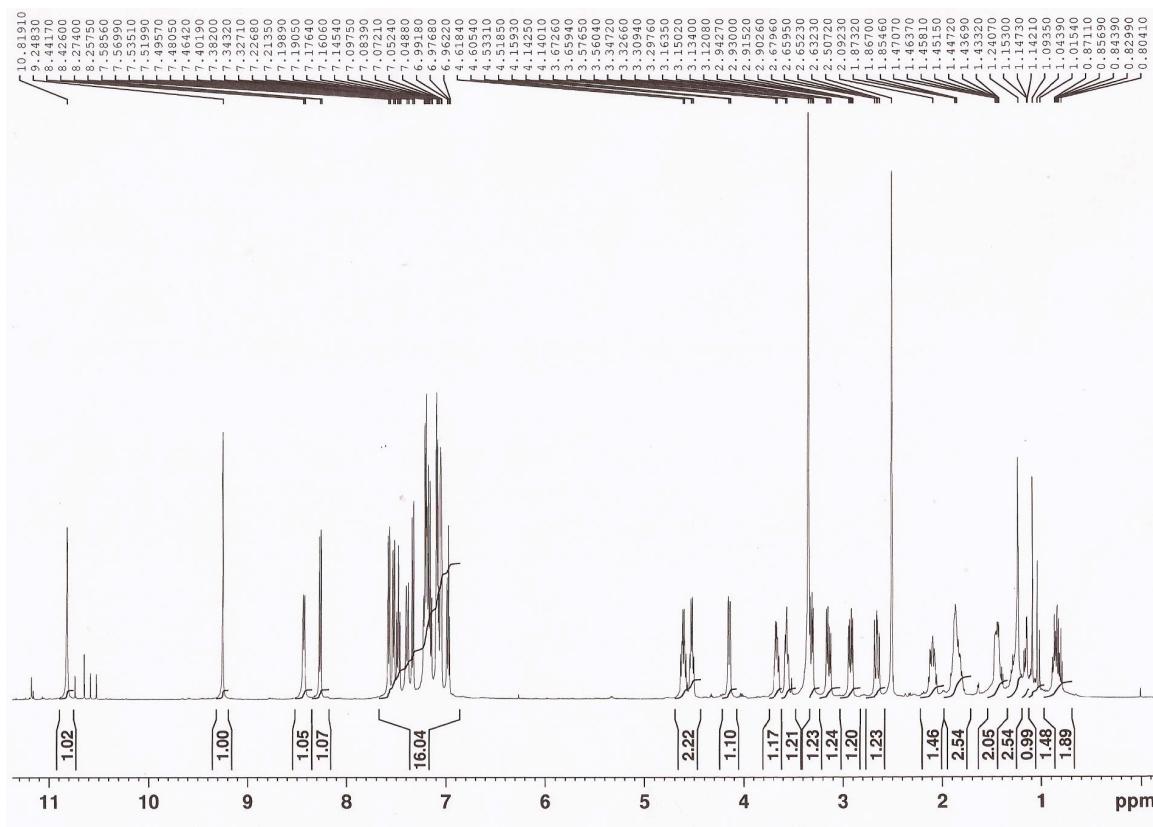


Figure S14. ^1H NMR spectrum of compound 6 (DMSO, 500 MHz).

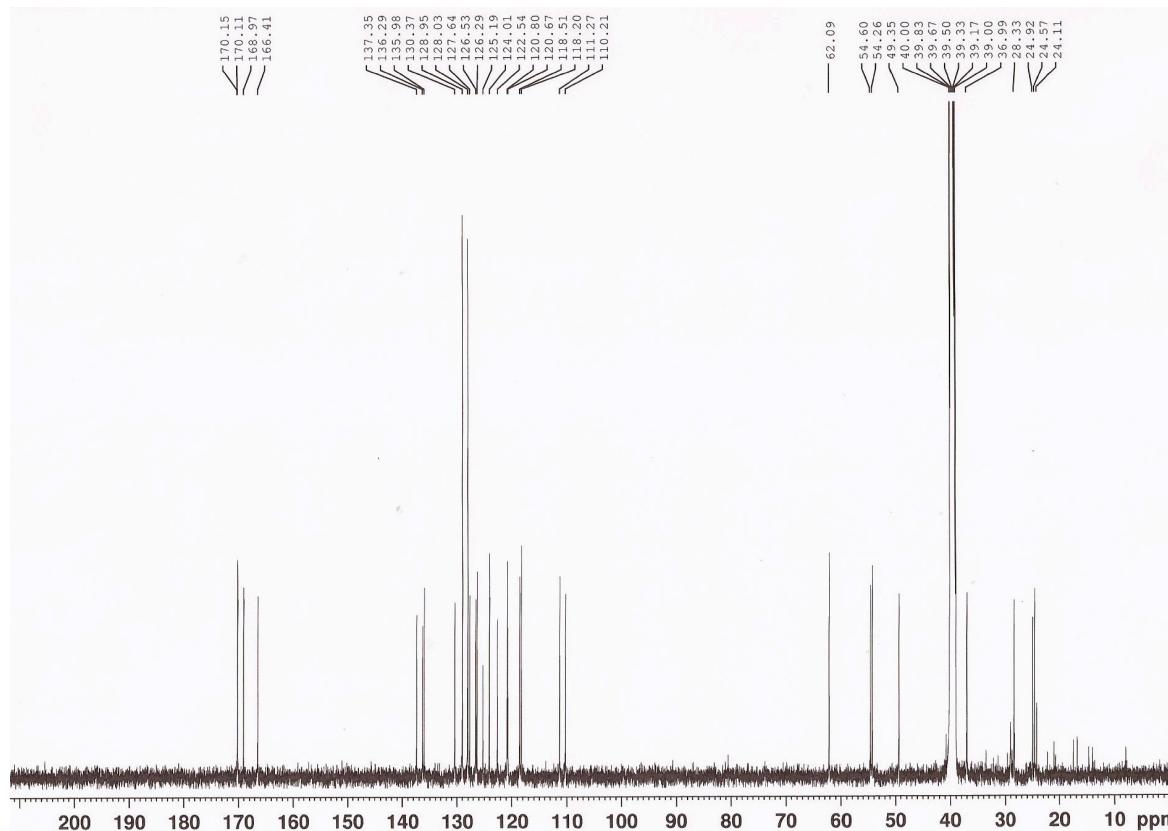


Figure S15. ^{13}C NMR spectrum of compound 6 (DMSO, 125.8 MHz).

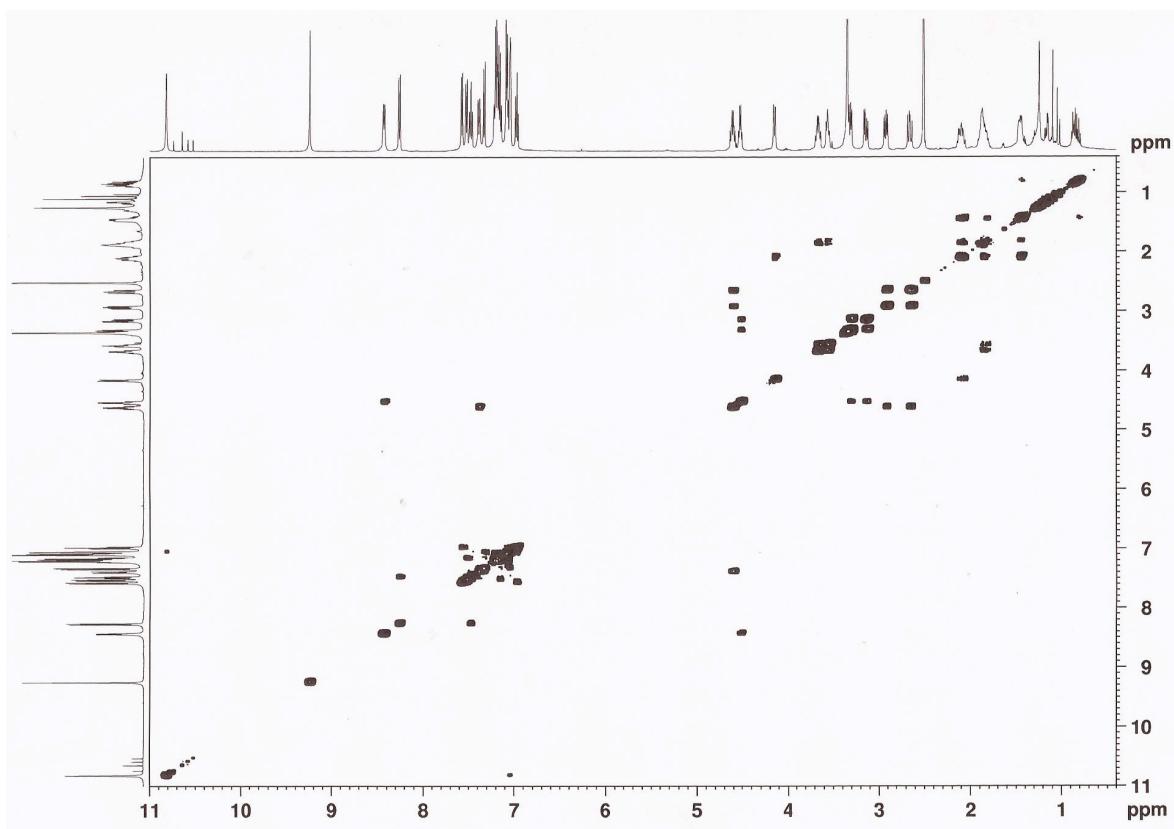


Figure S16. COSY spectrum of compound 6 (DMSO, 500.13 MHz).

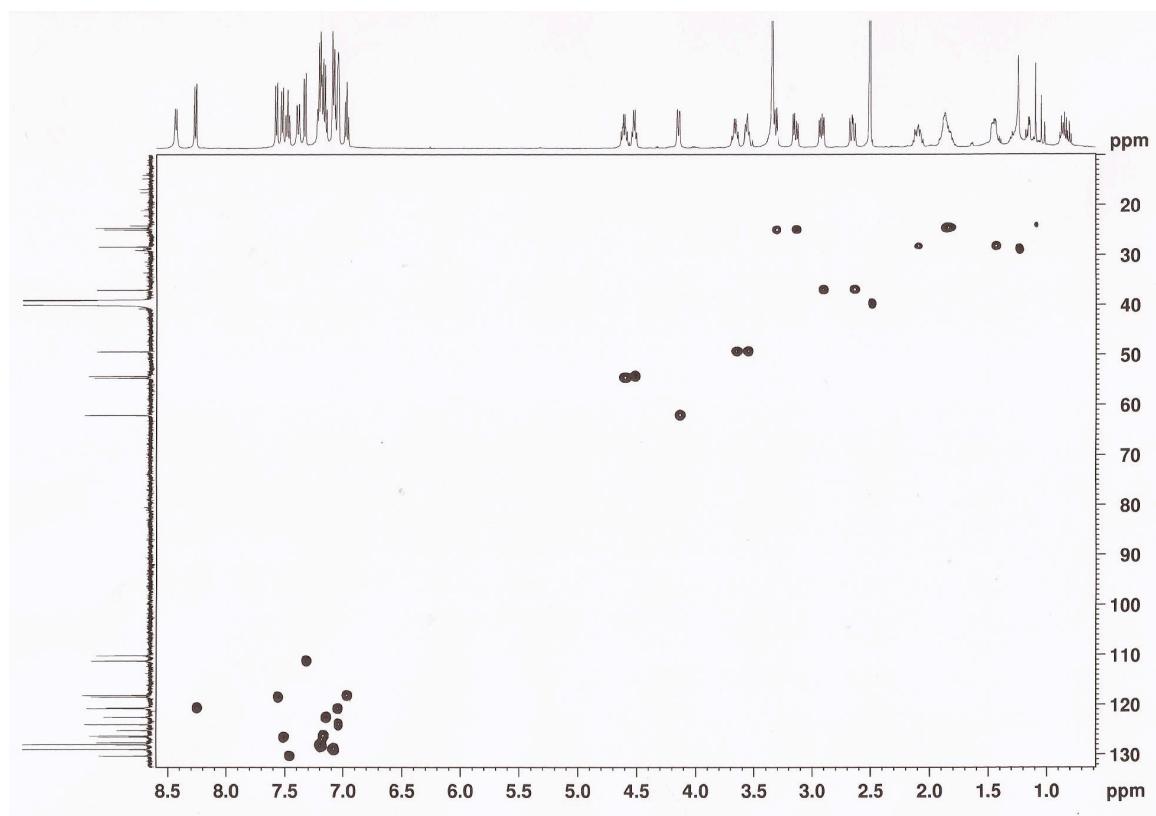


Figure S17. HSQC spectrum of compound 6 (DMSO, 500.13 MHz).

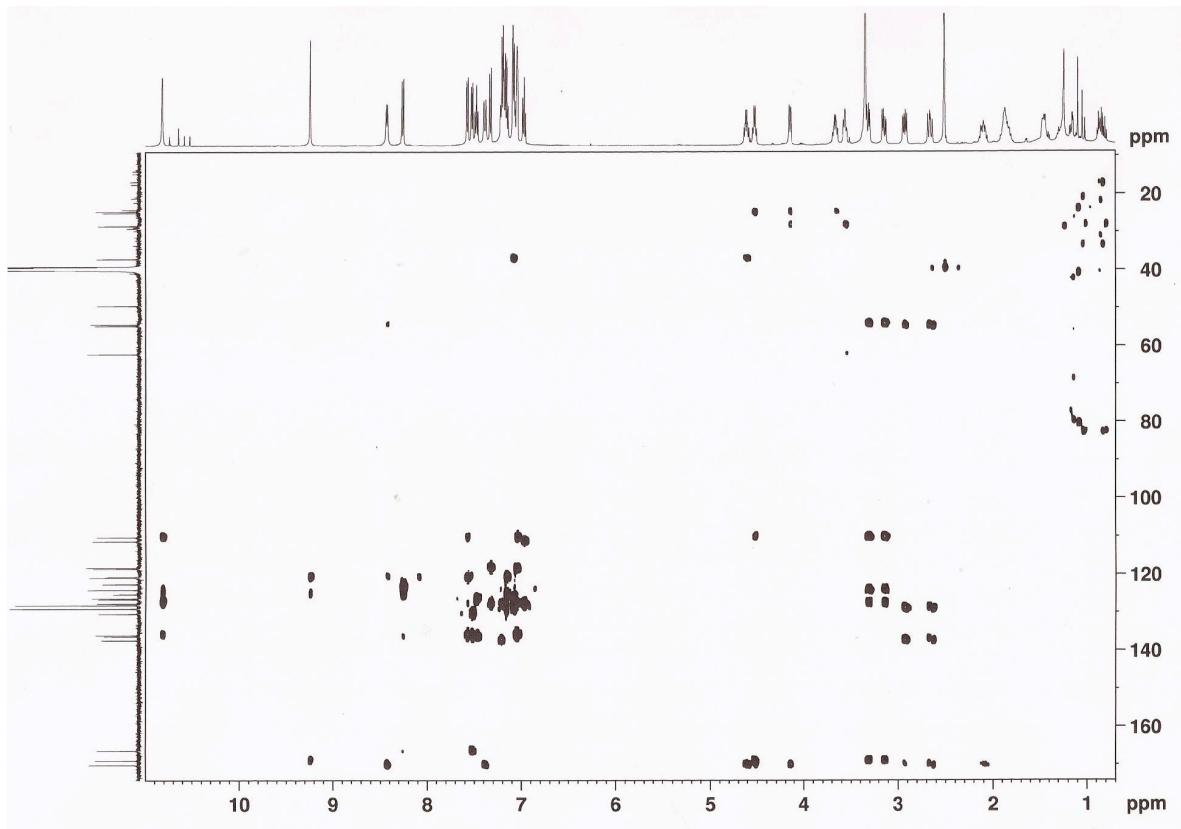


Figure S18. HMBC spectrum of compound 6 (DMSO, 500.13 MHz).

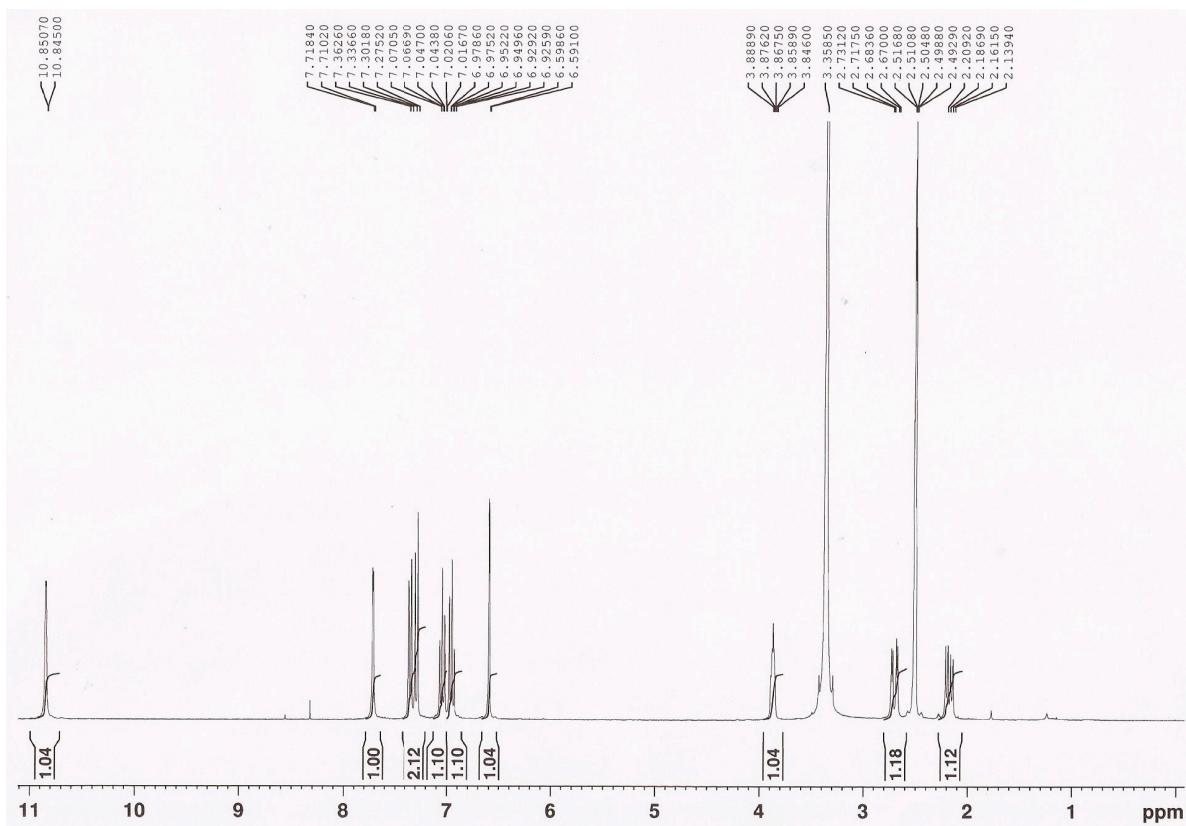


Figure S19. ¹H NMR spectrum of compound 7 (DMSO, 300.13 MHz).

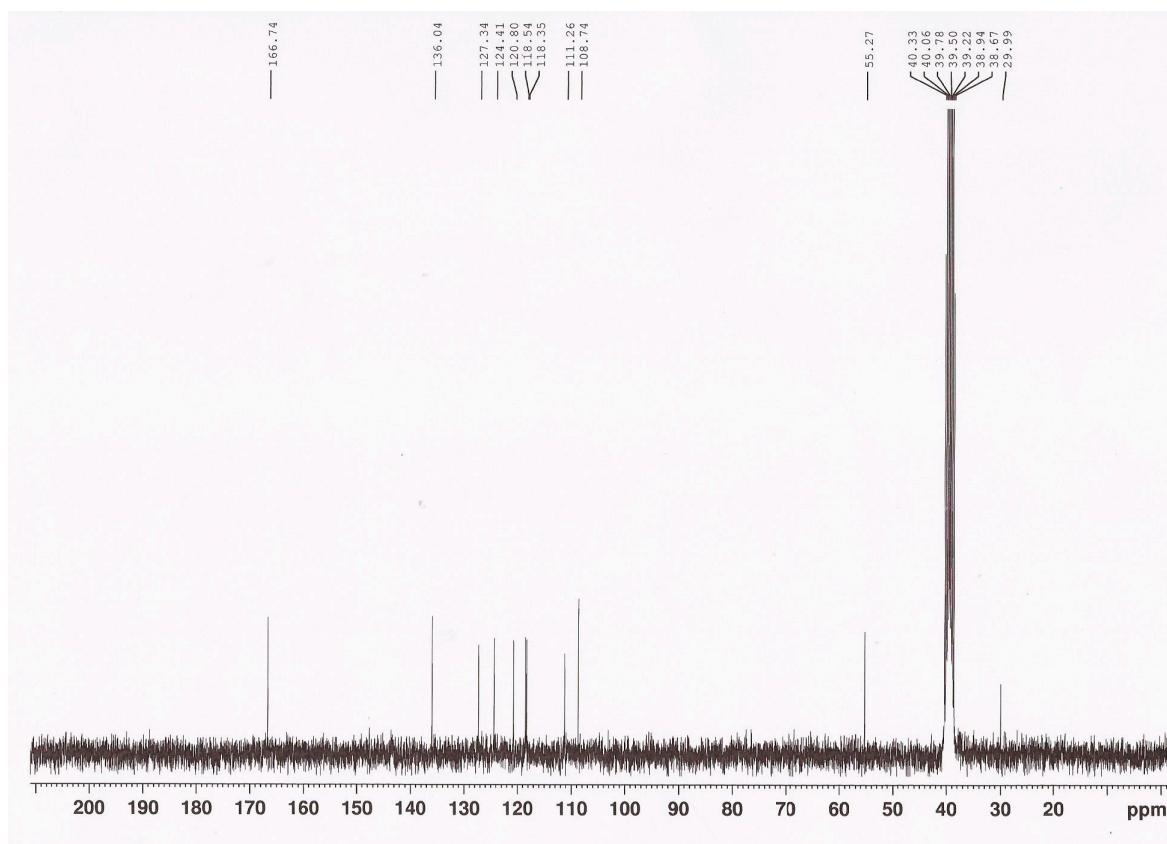


Figure S20. ^{13}C NMR spectrum of compound 7 (DMSO, 75.4 MHz).

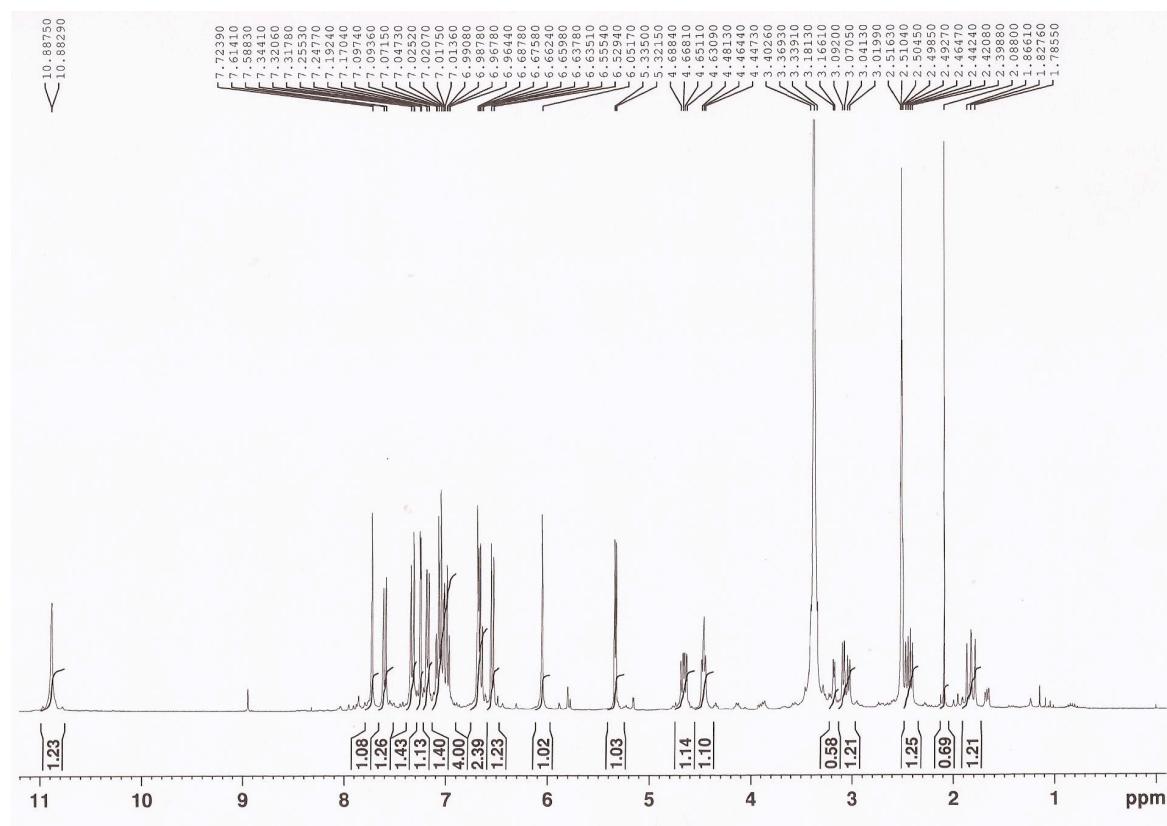


Figure S21. ^1H NMR spectrum of compound 8 (DMSO, 300.13 MHz).

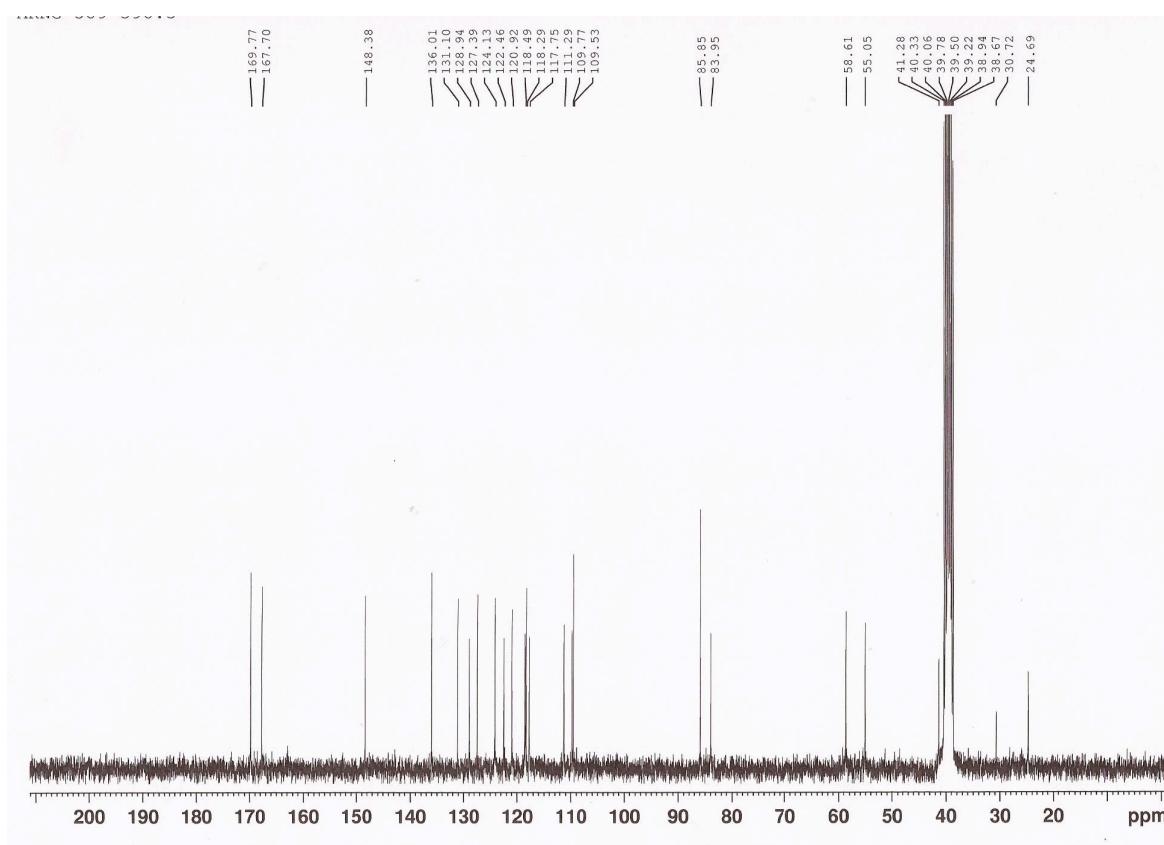


Figure S22. ¹³C NMR spectrum of compound 8 (DMSO, 75.4 MHz).

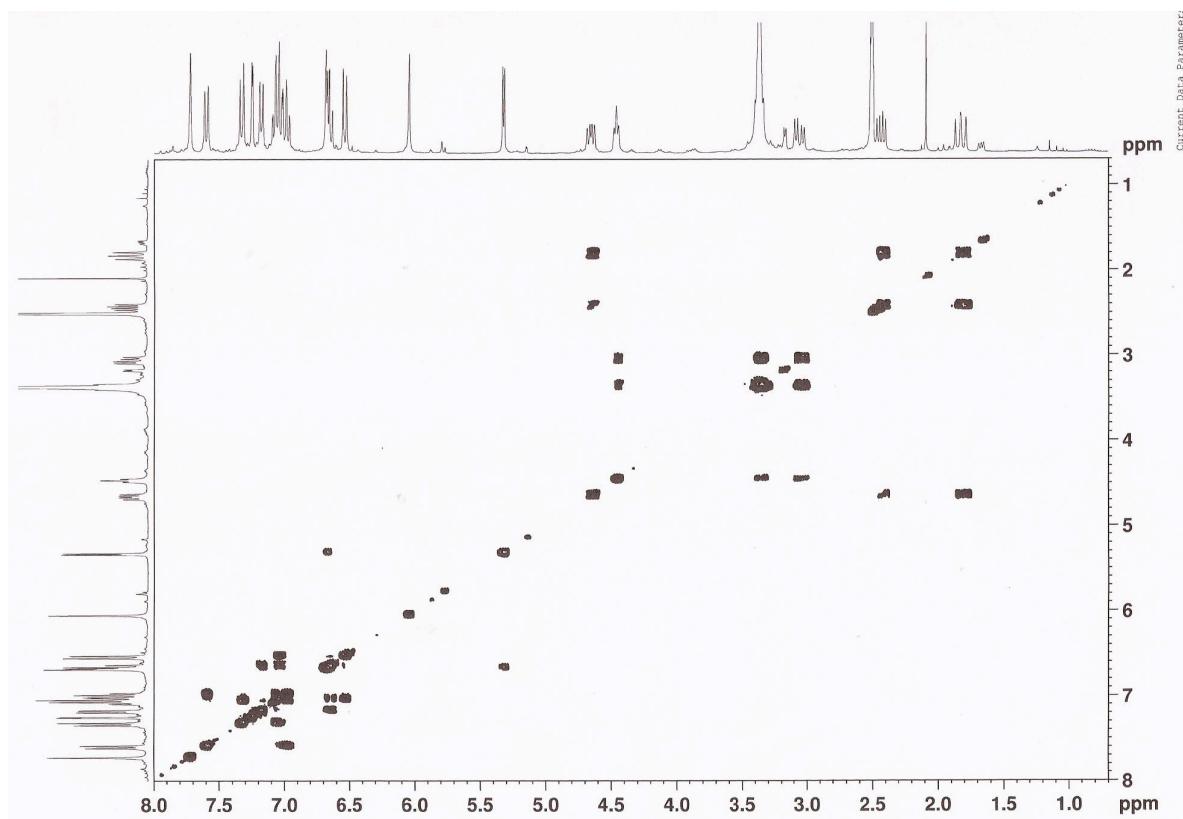


Figure S23. COSY spectrum of compound 8 (DMSO, 300.13 MHz).

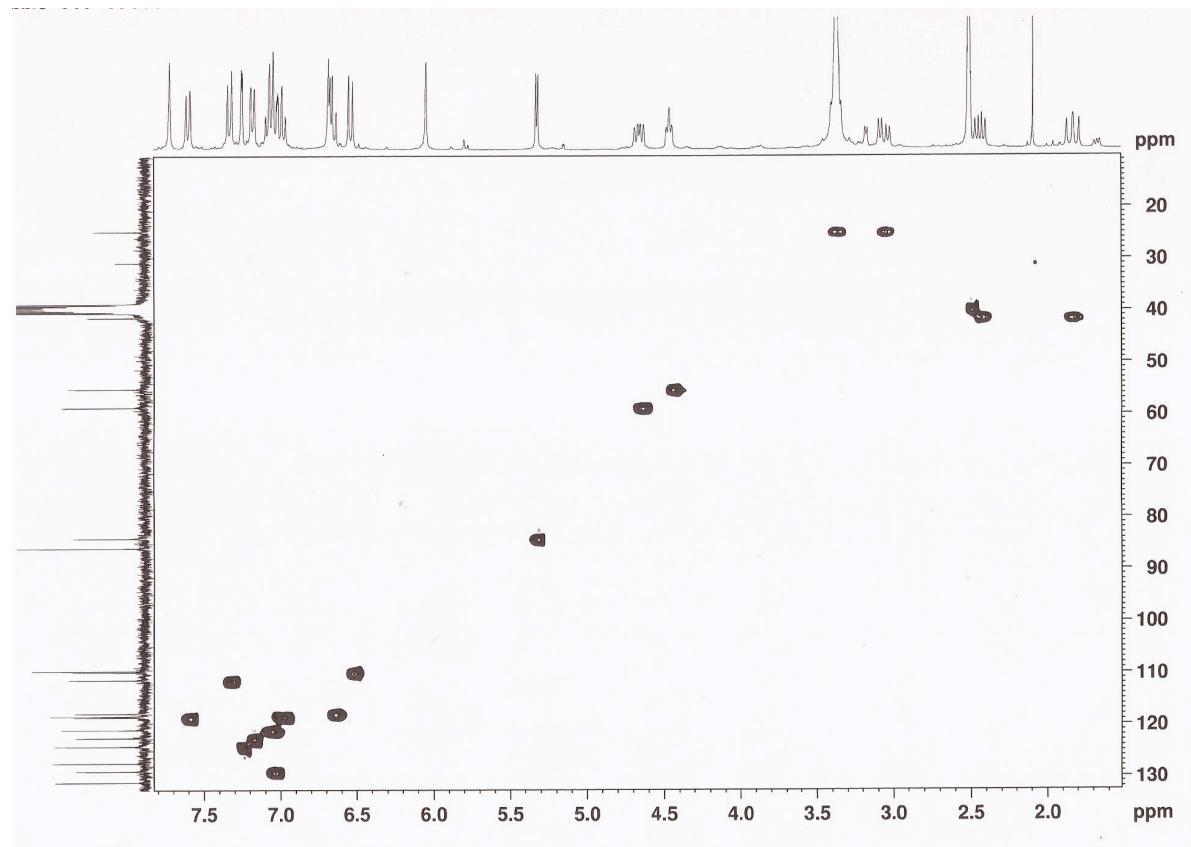


Figure S24. HSQC spectrum of compound 8 (DMSO, 300.13 MHz).

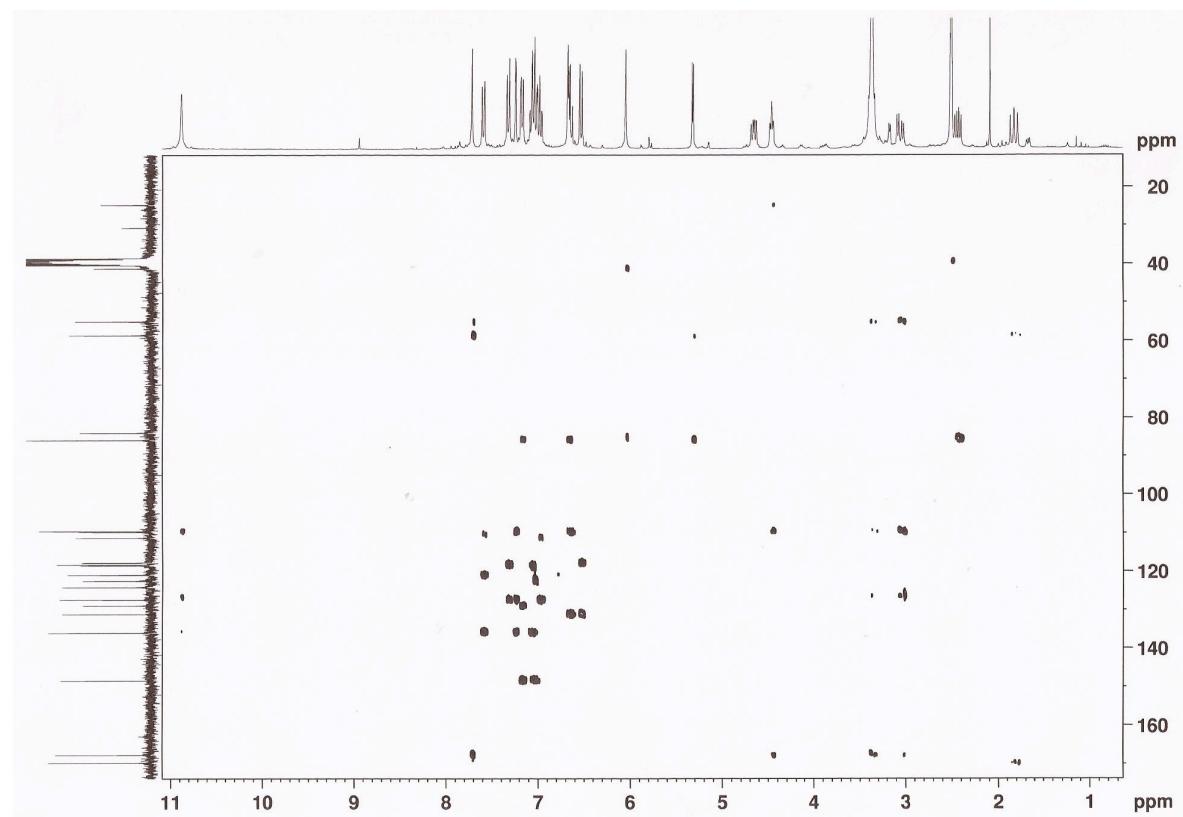


Figure S25. HMBC spectrum of compound 8 (DMSO, 300.13 MHz).

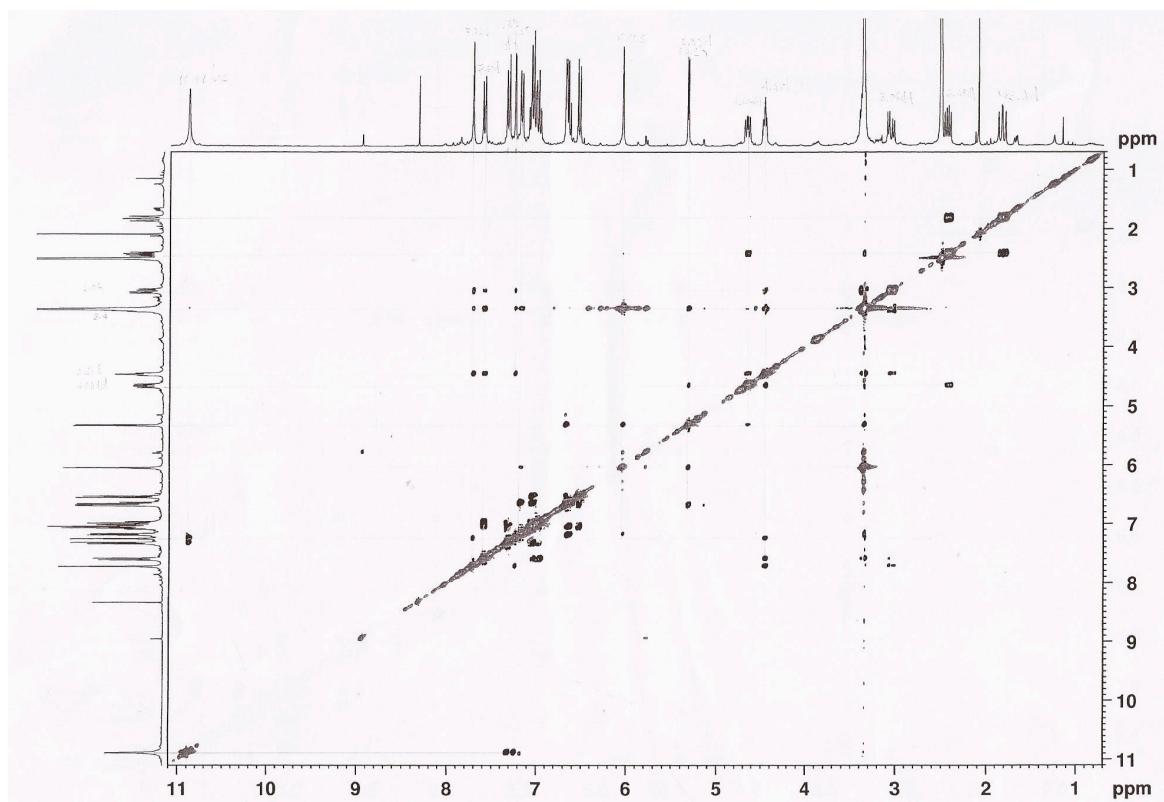


Figure S26. NOESY spectrum of compound 8 (DMSO, 300.13 MHz).

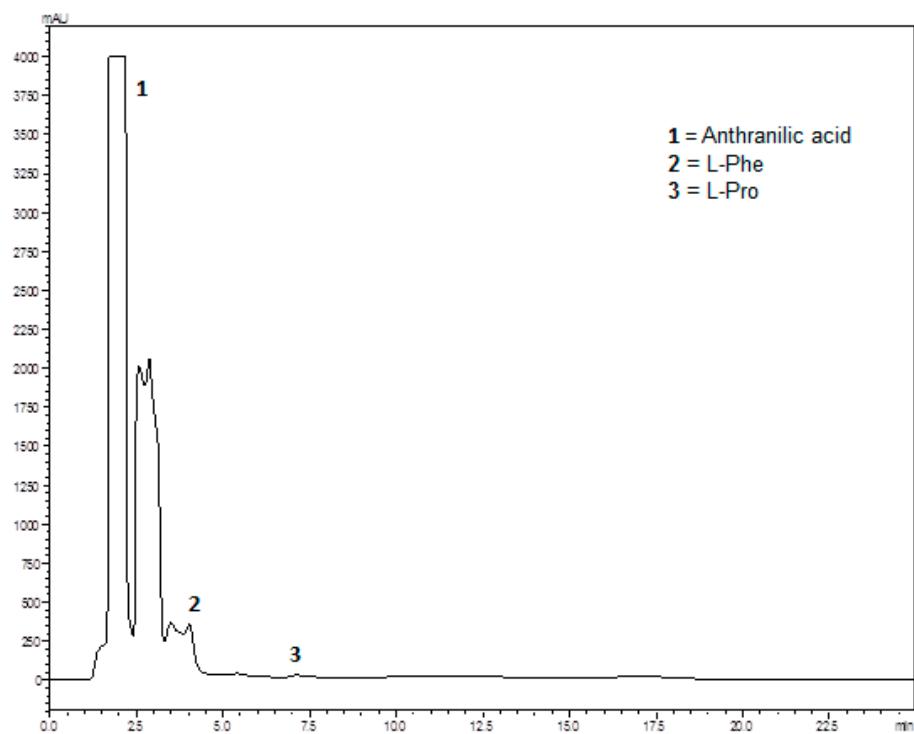


Figure S27. Chromatogram of the acidic hydrolysate of compound 5. Chromatographic conditions: column, Chirobiotic T; mobile phase, MeOH: H₂O (80:20 v/v); flow rate, 1.0 mL/min; detection, 210 nm.

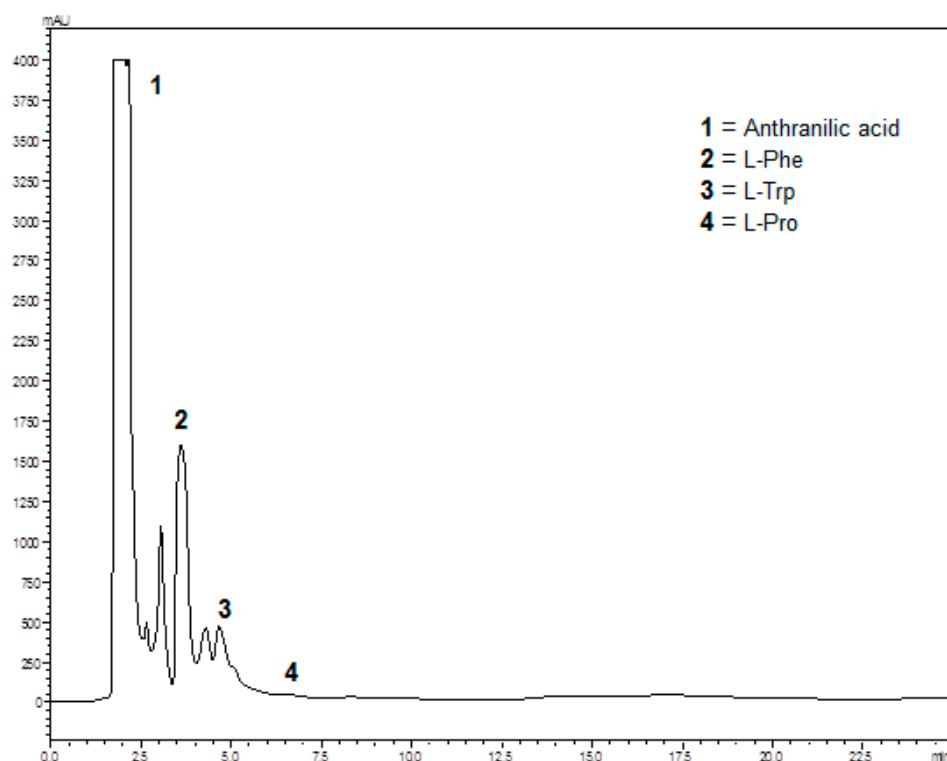


Figure S28. Chromatogram of the acidic hydrolysate of compound **6**. Chromatographic conditions: column, Chirobiotic T; mobile phase, MeOH: H₂O (80:20 v/v); flow rate, 1.0 mL/min; detection, 210 nm.

Table S1. Chiral HPLC analysis of the acidic hydrolysate of compound **5** and **6**.

	Retain Time (min)
L-Phe	3.81
D-Phe	5.00
L-Pro	6.72
D-Pro	20.10
L-Trp	4.51
D-Trp	5.20
Anthranilic acid	1.92
Acidic hydrolysate of 5	1.91, 2.55, 2.86, 3.49, 3.89, 6.79
Acidic hydrolysate of 5 + DL-Phe (coinjection)	1.87, 2.50, 2.89, 3.68, 5.01, 6.82
Acidic hydrolysate of 5 + DL-Pro (coinjection)	1.96, 2.60, 2.96, 3.52, 3.92, 6.70, 21.09
Acidic hydrolysate of 6	1.93, 3.07, 3.80, 4.29, 4.60, 6.62
Acidic hydrolysate of 6 + DL-Phe (coinjection)	1.90, 3.10, 3.78, 4.39, 5.04, 6.70
Acidic hydrolysate of 6 + DL-Pro (coinjection)	2.04, 3.02, 3.72, 4.30, 4.60, 6.66, 19.40
Acidic hydrolysate of 6 + DL-Trp (coinjection)	1.93, 2.99, 3.70, 4.29, 4.60, 5.07, 6.33

Chromatographic conditions: column, Chirobiotic T; mobile phase, MeOH: H₂O (80:20 v/v); flow rate, 1.0 mL/min; detection, 210 nm.