Supporting Information

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Two New Alkaloids from *Pleurotus ostreatus* (Jacq. :Pers.) Roll

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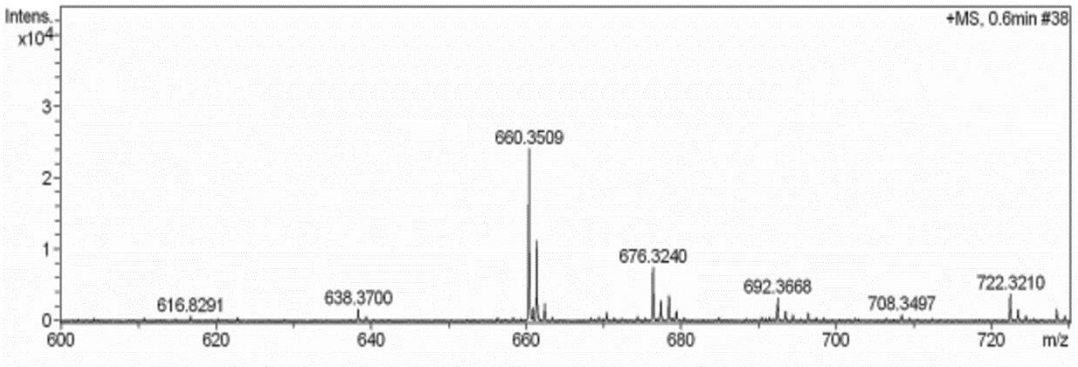
Table of Contents	Page



Sum Formula	Sigma	m/z	Err [ppm]	Mean Err [ppm]	Err [mDa]	rdb	N Rule	e⁻
C 37 H 51 N 1 Na 1 O 8	0.026	660.3507	-0.35	0.53	-0.23	12.50	ok	even

Figure S1: HR-ESI MS spectrum of **1** (Terpendole N)

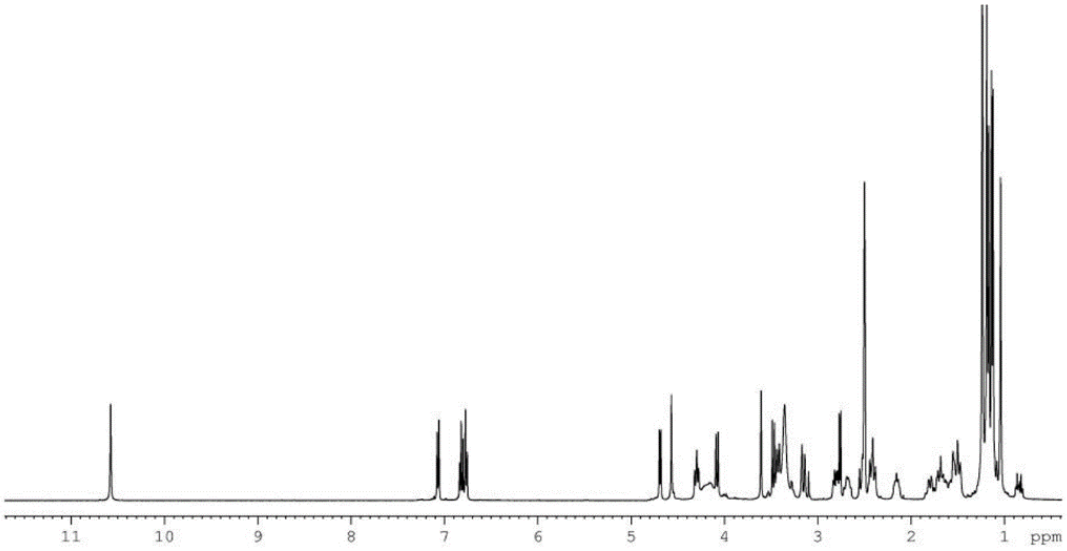


Figure S2: ^{1}H NMR (400 MHz, DMSO-d_6) spectrum of **1** (Terpendole N)

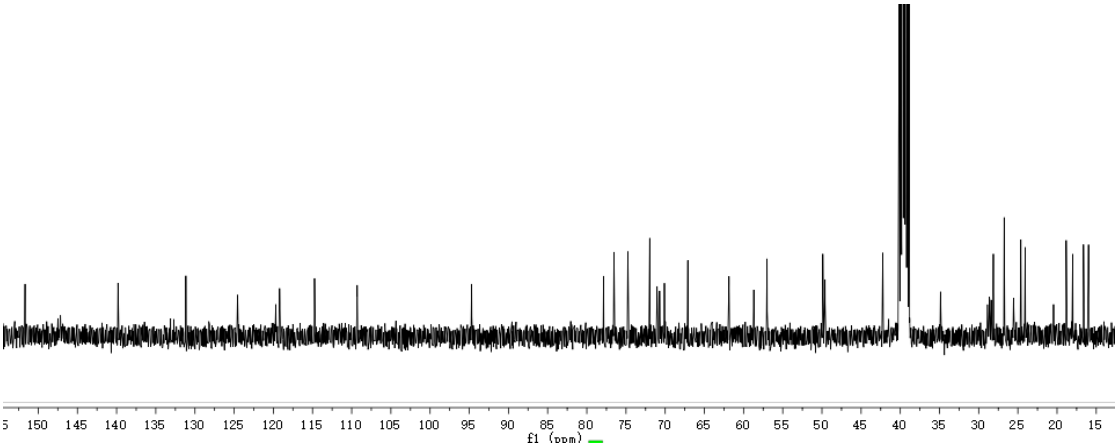


Figure S3: ^{13}C-NMR (100 MHz, DMSO-d_6) spectrum of **1** (Terpendole N)

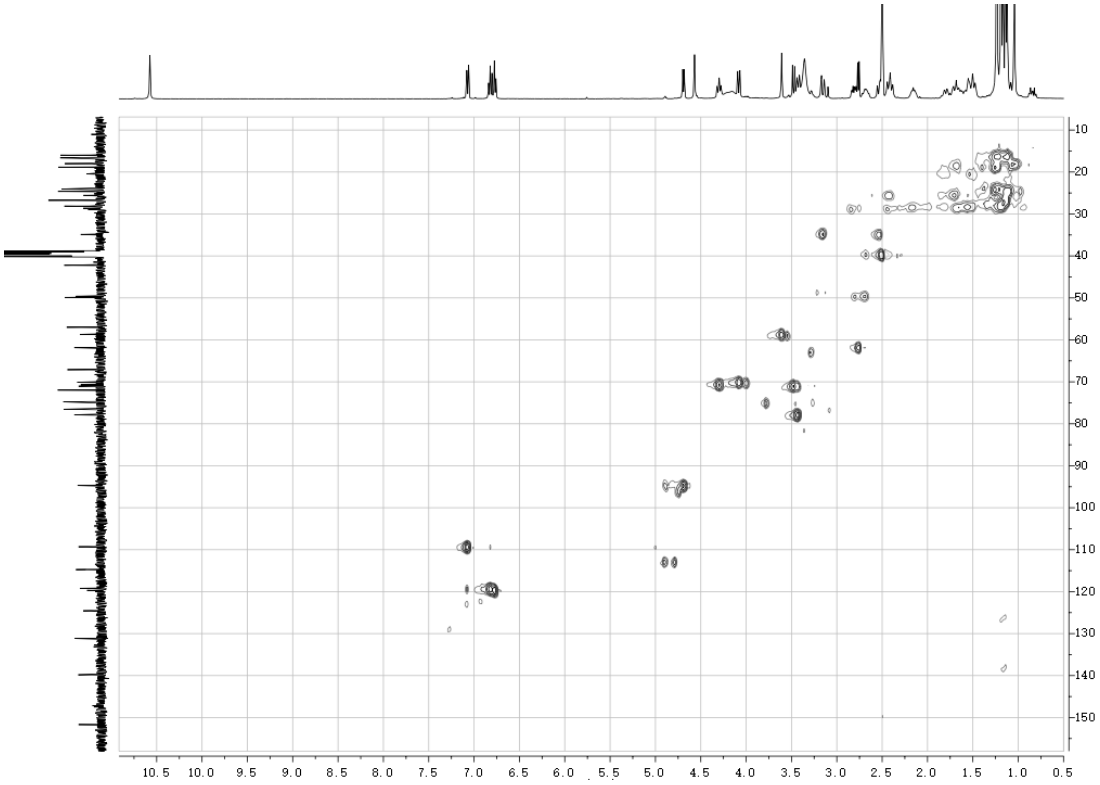


Figure S4: HSQC (100 MHz, DMSO-d_6) spectrum of **1** (Terpendole N)

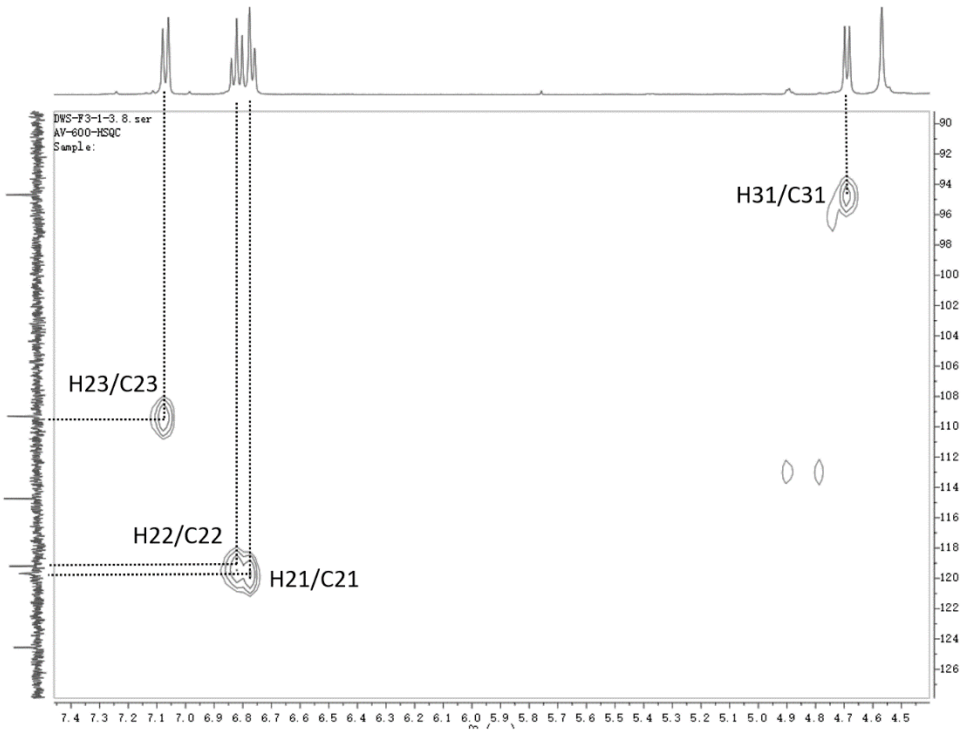


Figure S5: HSQC spectrum of **1** (Terpendole N) (From δ_C 90 ppm to δ_C 130 ppm)

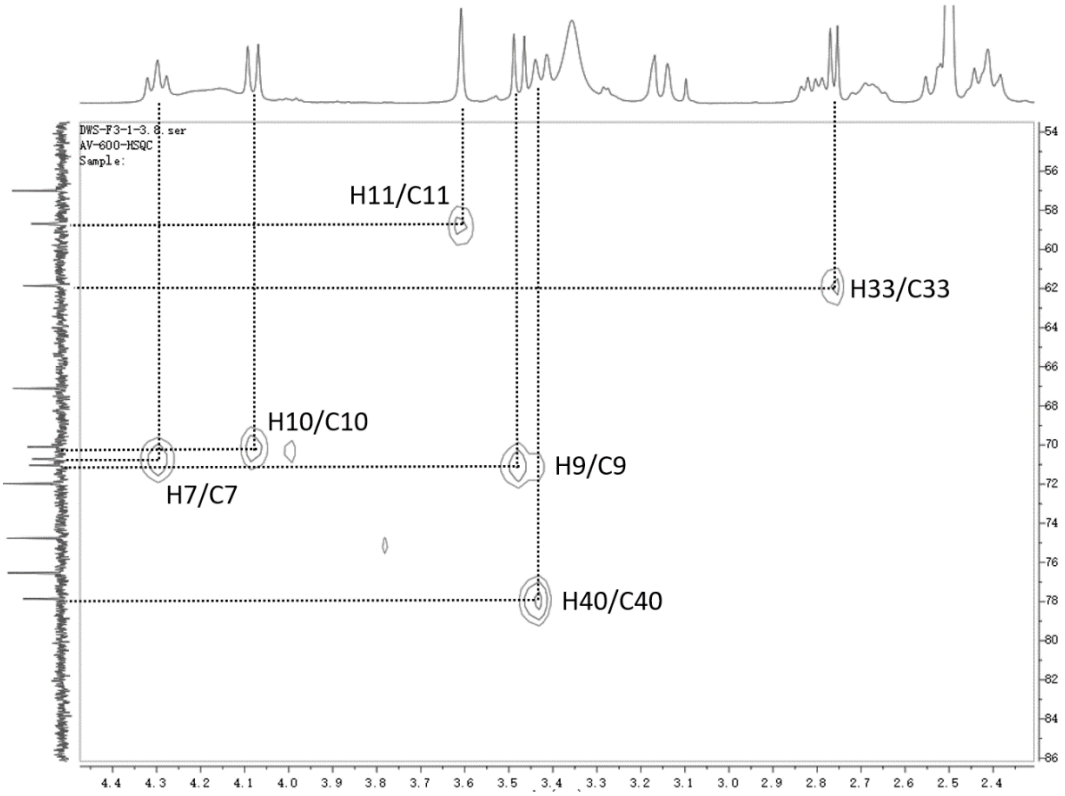


Figure S6: HSQC spectrum of **1** (Terpendole N) (From δ_C 54 ppm to δ_C 86 ppm)

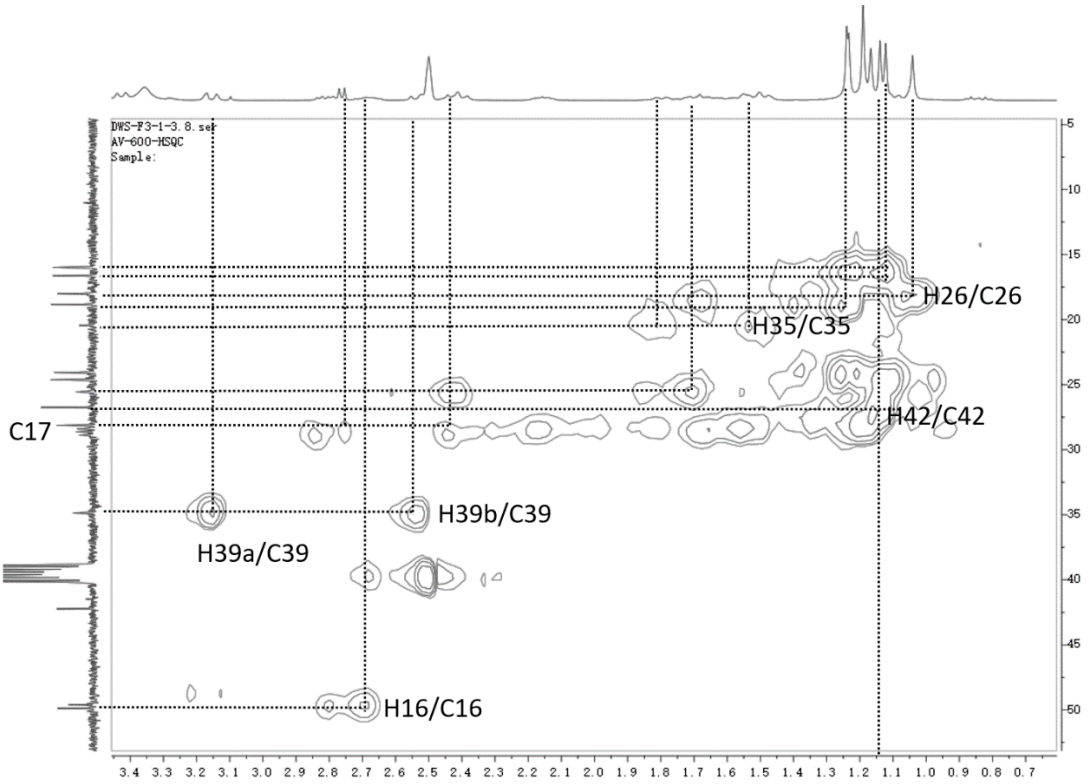


Figure S7: HSQC spectrum of **1** (Terpendole N) (From δ_C 5 ppm to δ_C 55 ppm)

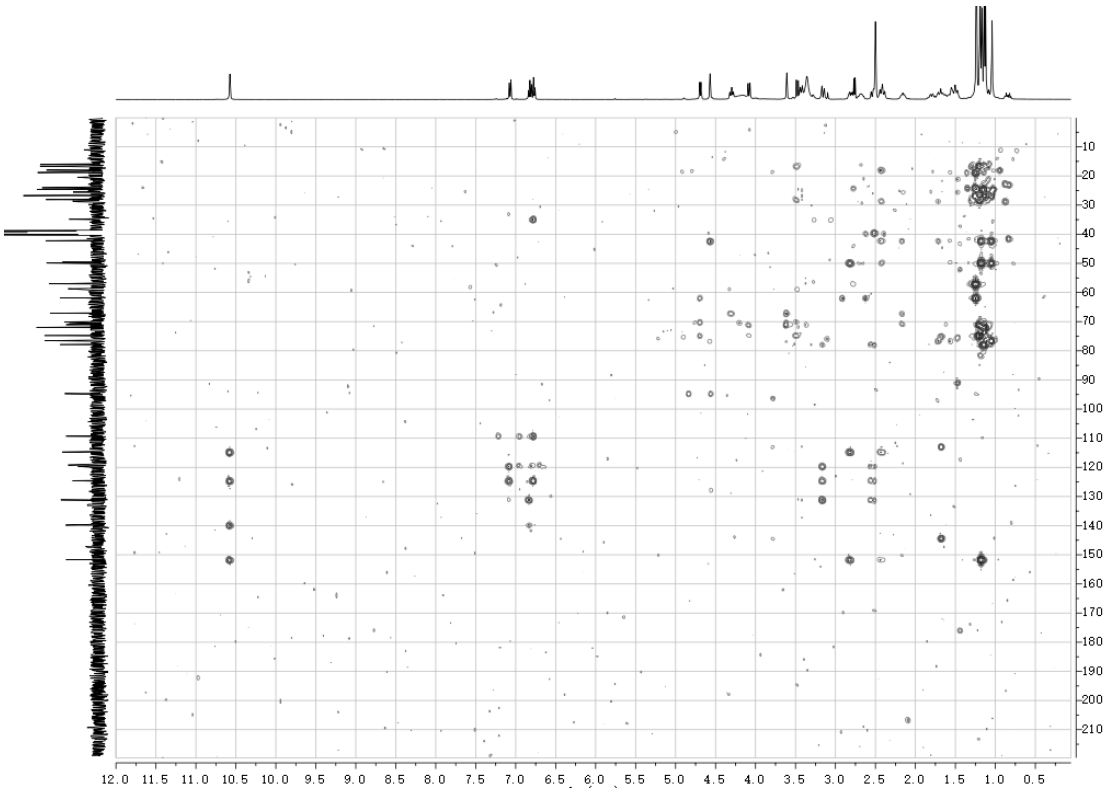


Figure S8: HMBC spectrum of **1** (Terpendole N)

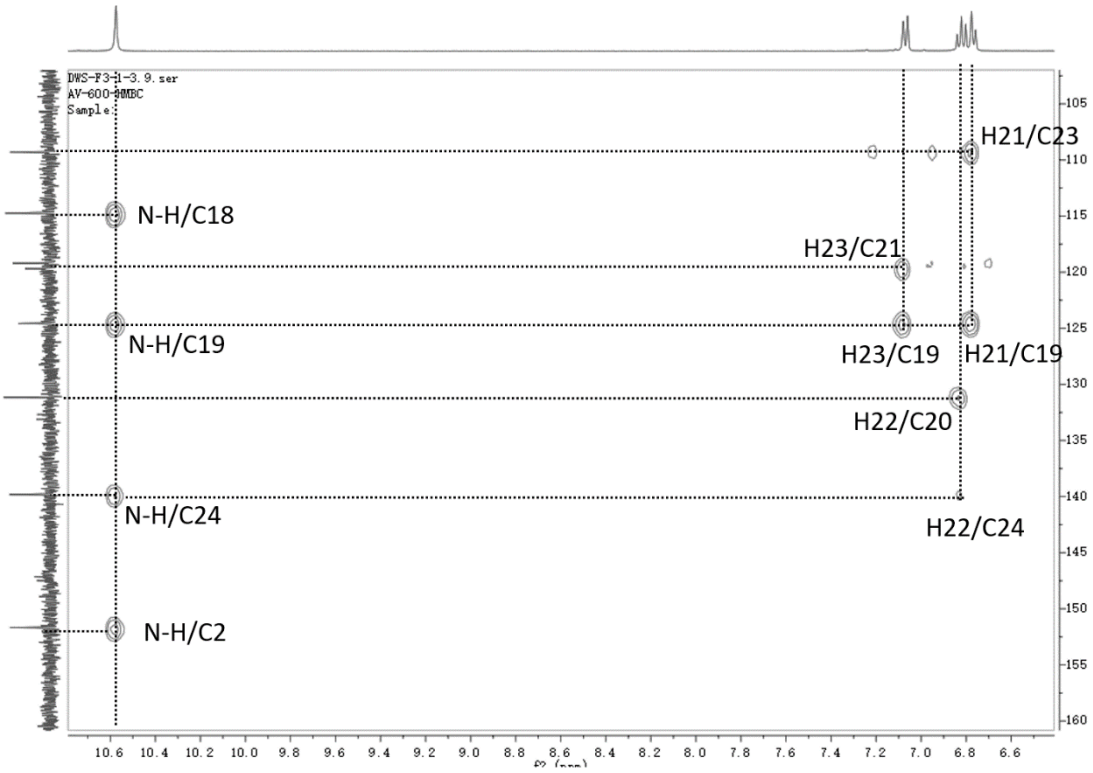


Figure S9: HMBC spectrum of **1** (Terpendole N) (From δ_C 100 ppm to δ_C 160 ppm)

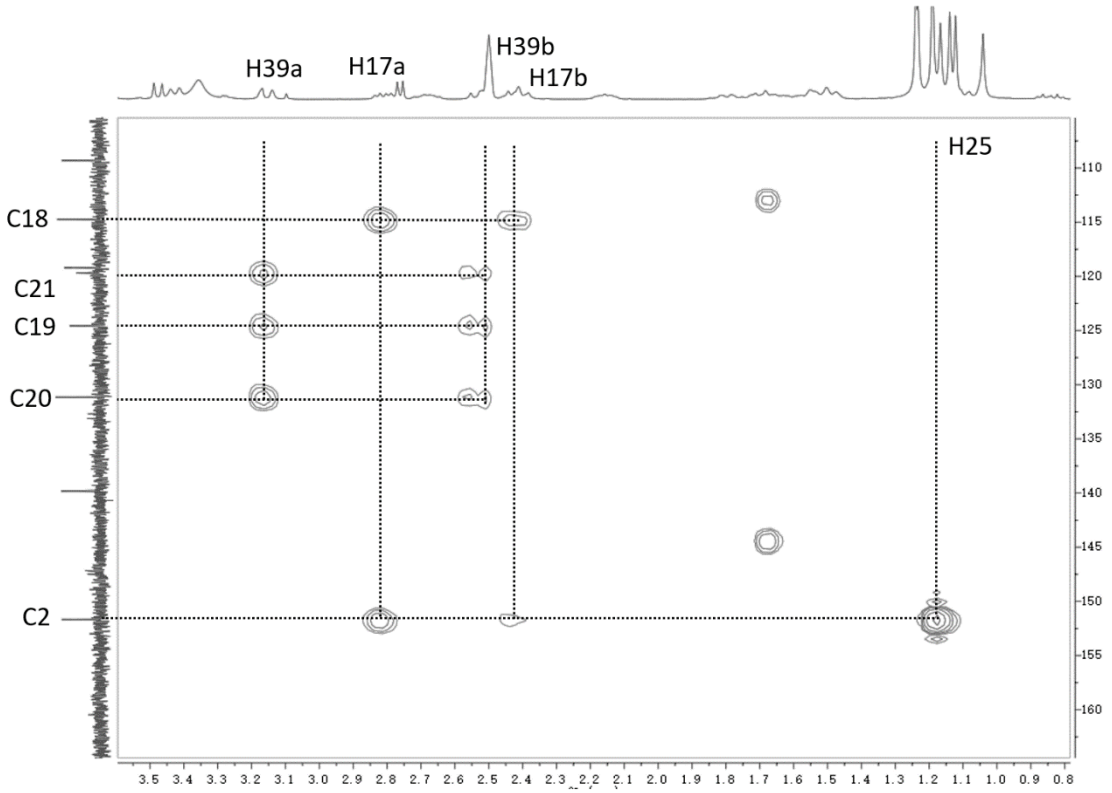


Figure S10: HMBC spectrum of **1** (Terpendole N) (From δ_C 100 ppm to δ_C 170 ppm)

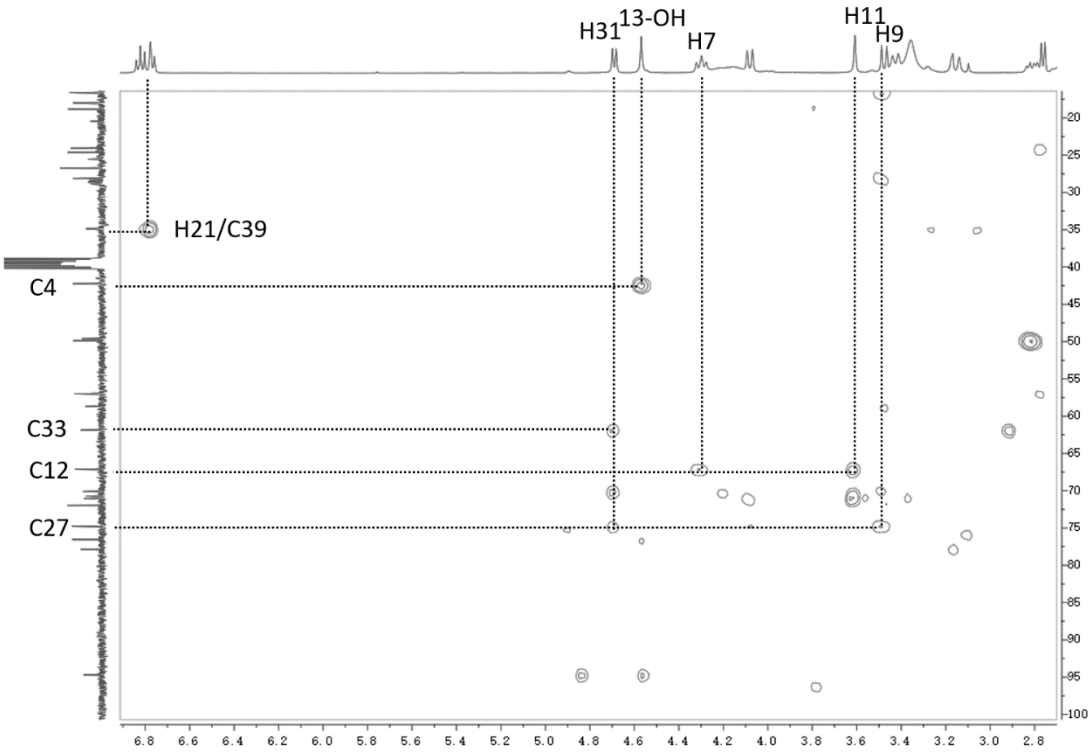


Figure S11: HMBC spectrum of **1** (Terpendole N) (From δ_C 20 ppm to δ_C 100 ppm)

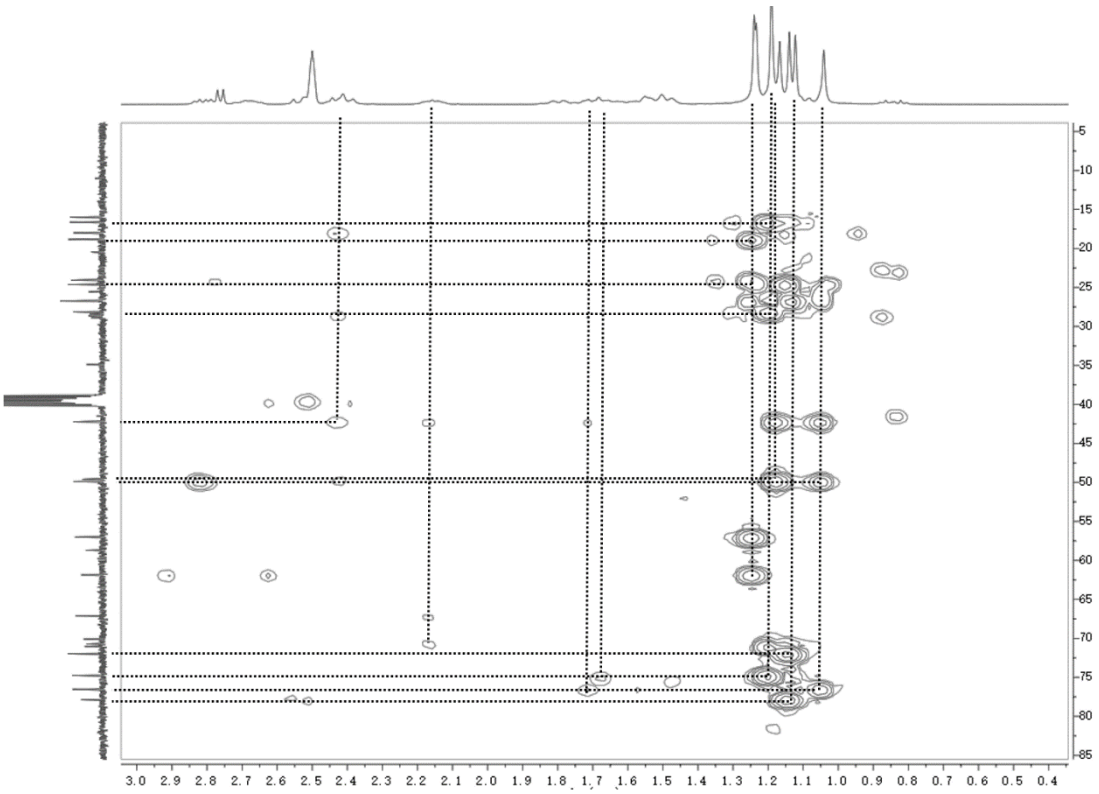
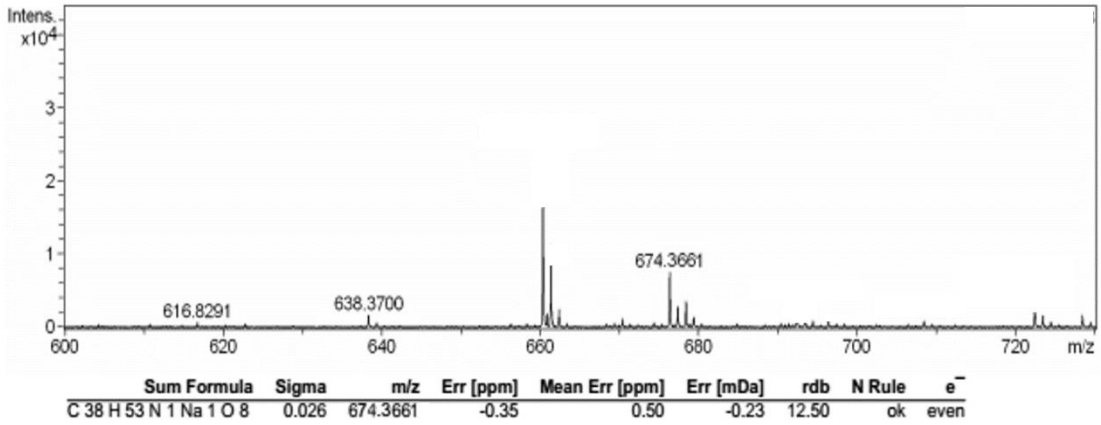


Figure S12: HMBC spectrum of **1** (Terpendole N) (From δ_C 5 ppm to δ_C 85 ppm)



Sum Formula	Sigma	m/z	Err [ppm]	Mean Err [ppm]	Err [mDa]	rdb	N Rule	e⁻
C 38 H 53 N 1 Na 1 O 8	0.026	674.3661	-0.35	0.50	-0.23	12.50	ok	even

Figure S13: HR-ESI MS spectrum of **2** (Terpendole O)

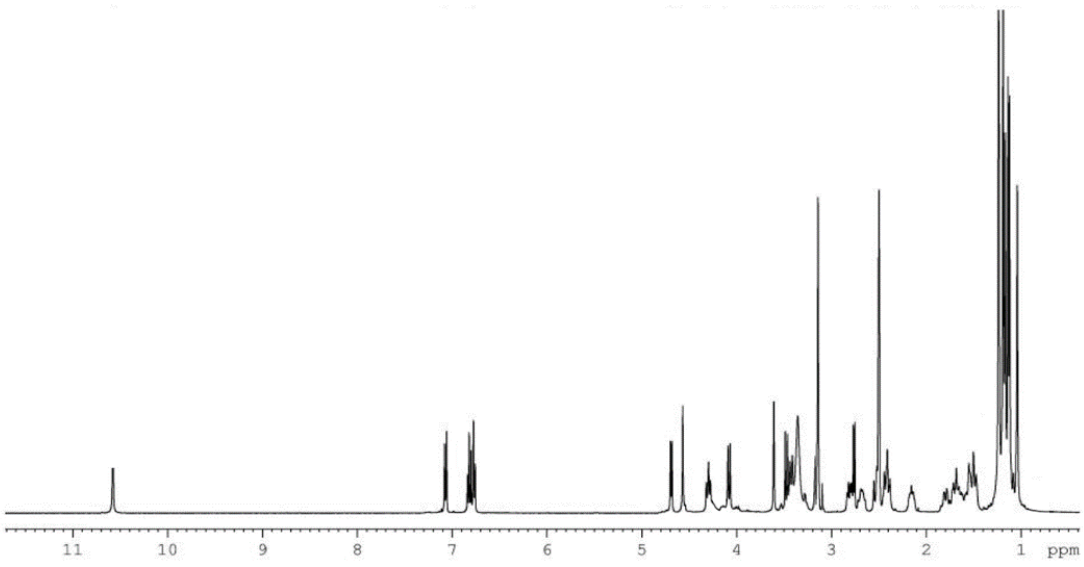


Figure S14: ^{1}H NMR (400 MHz, DMSO-d_6) spectrum of **2** (Terpendole O)

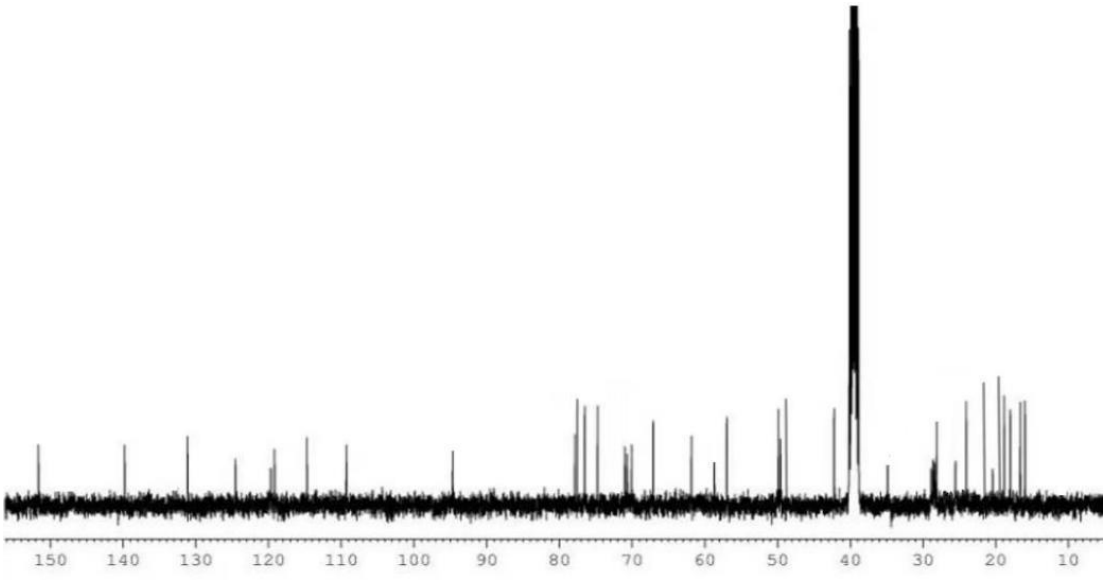


Figure S15: ^{13}C-NMR (100 MHz, DMSO-d_6) spectrum of **2** (Terpendole O)

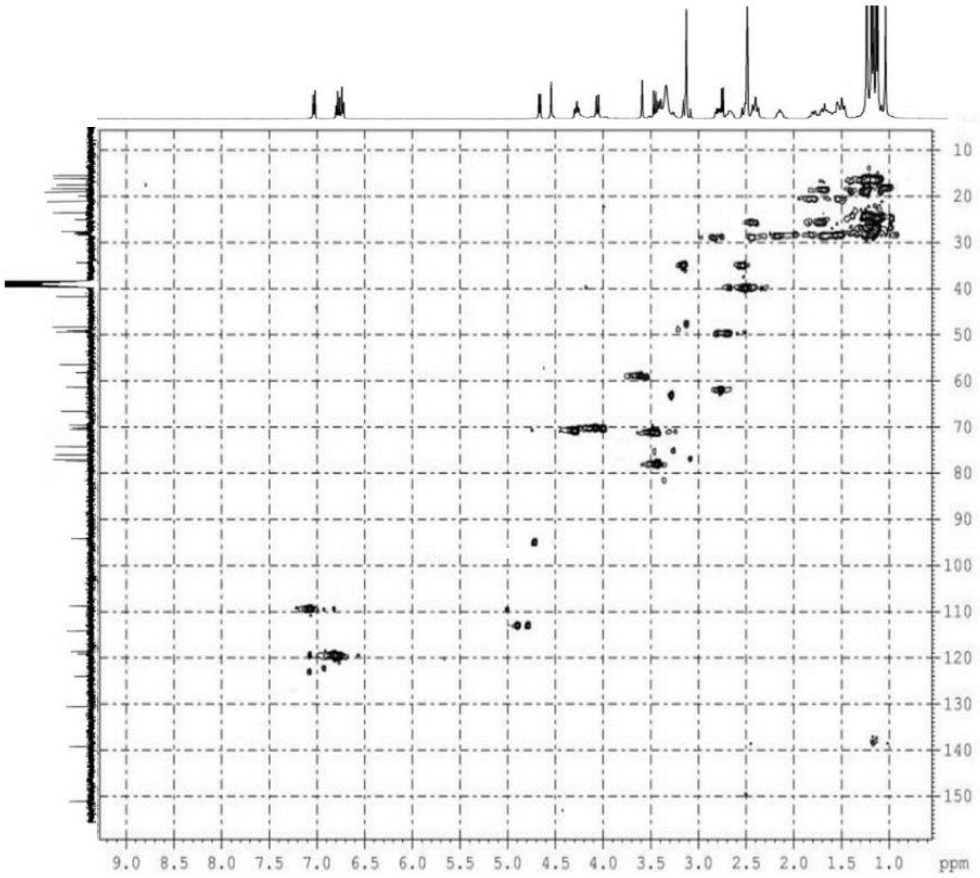


Figure S16: HSQC (100 MHz, DMSO-d_6) spectrum of **2** (Terpendole O)

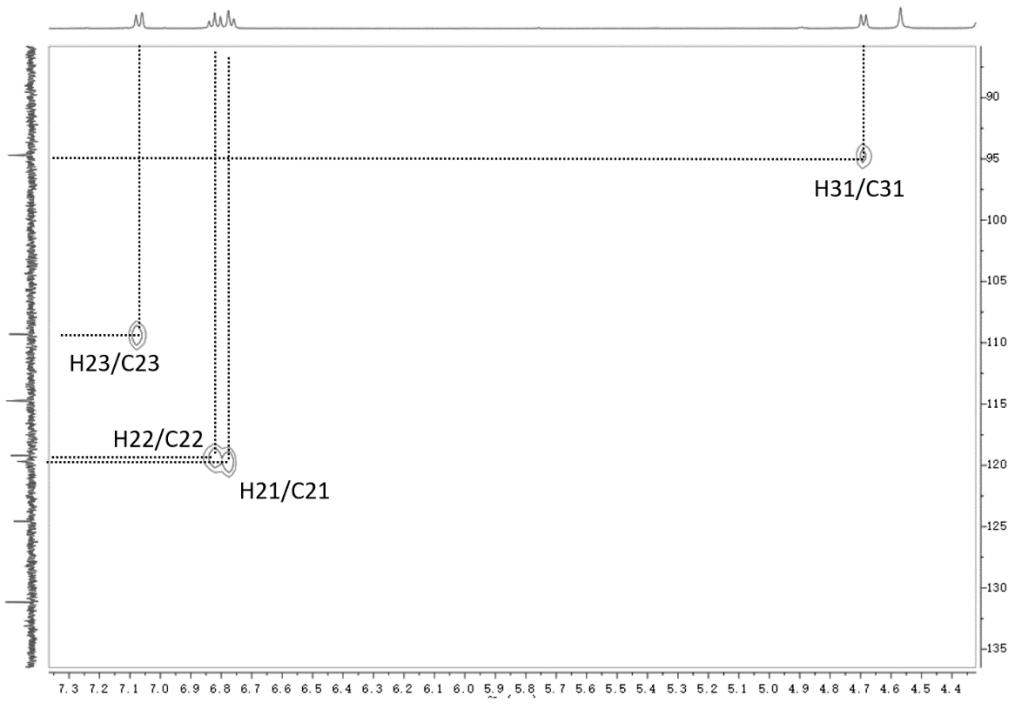


Figure S17: HSQC spectrum of **2** (Terpendole O) (From δ_C 80 ppm to δ_C 135 ppm)

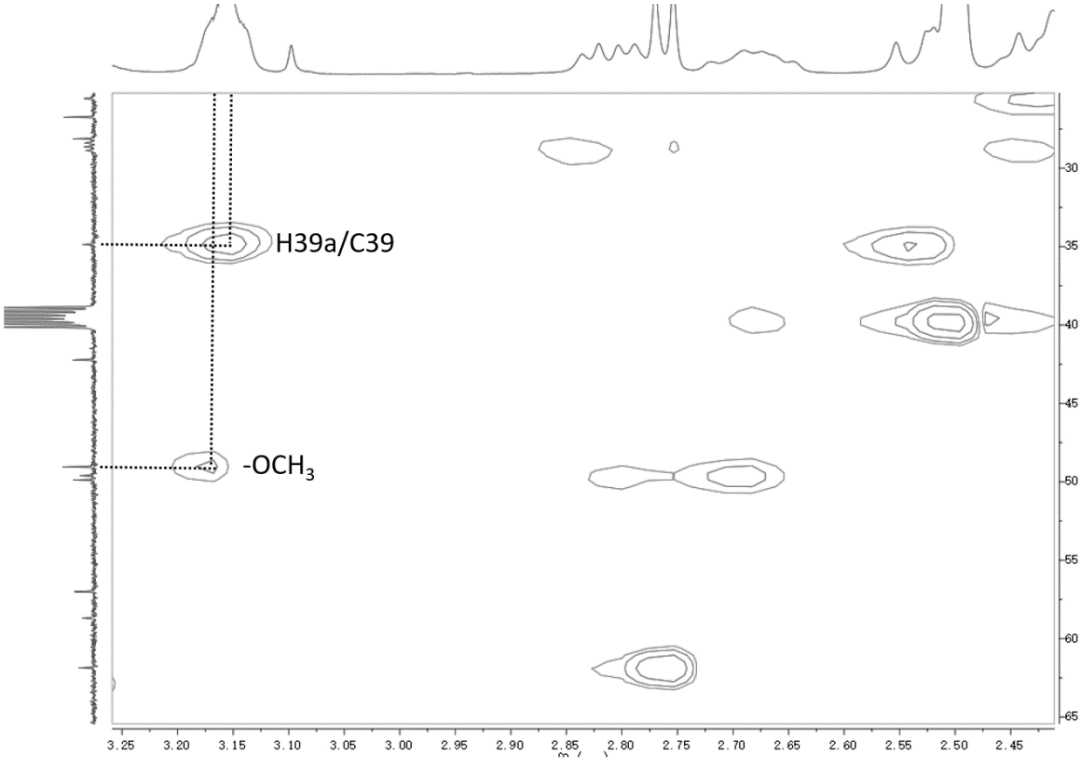


Figure S18: HSQC spectrum of **2** (Terpendole O) (From δ_C 20 ppm to δ_C 65 ppm)

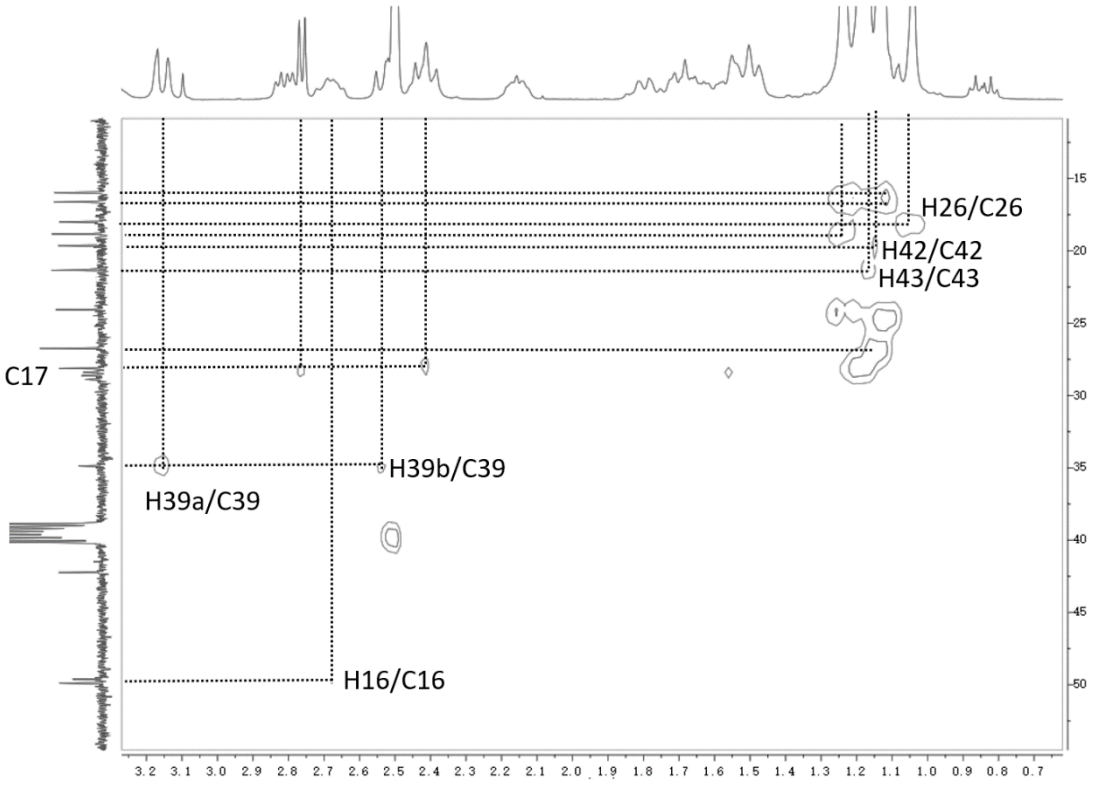


Figure S19: HSQC Spectrum of **2** (Terpendole O) (From δ_C 5 ppm to δ_C 55 ppm)

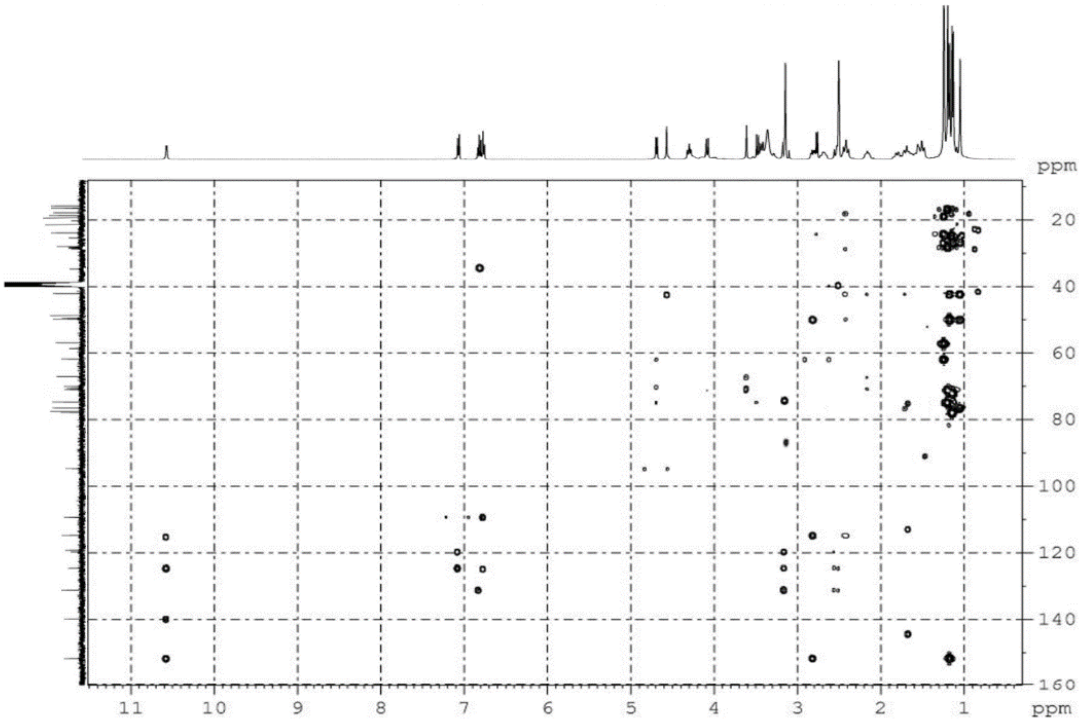


Figure S20: HMBC Spectrum of **2** (Terpendole O)

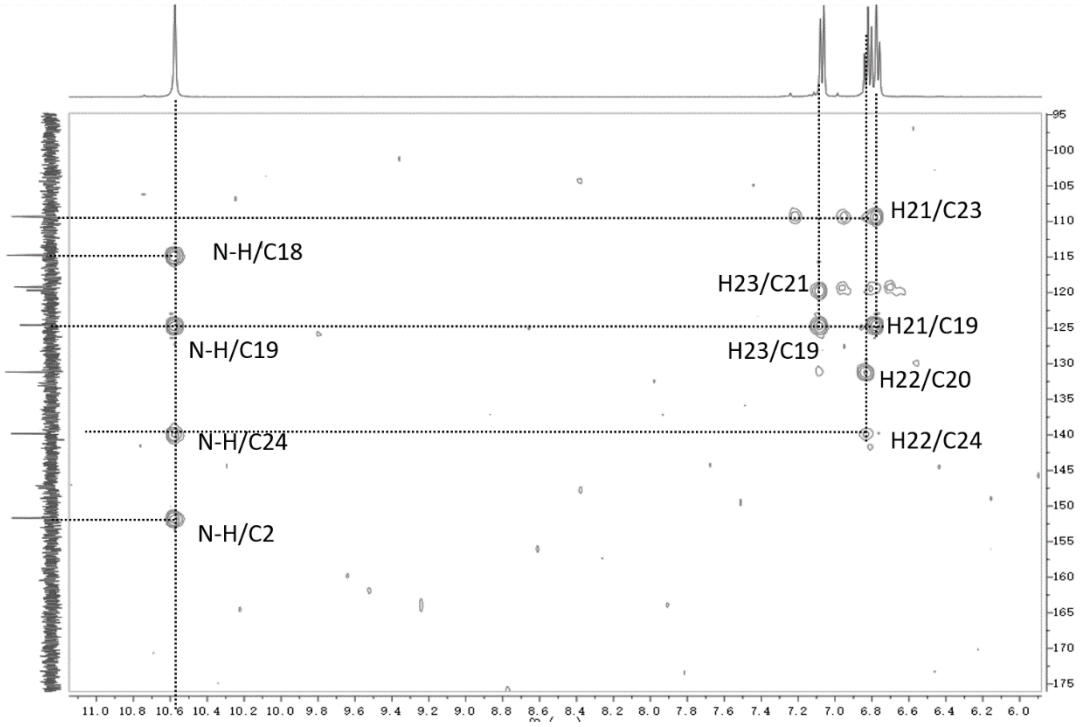


Figure S21: HMBC spectrum of **2** (Terpendole O) (From δ_C 95 ppm to δ_C 175 ppm)

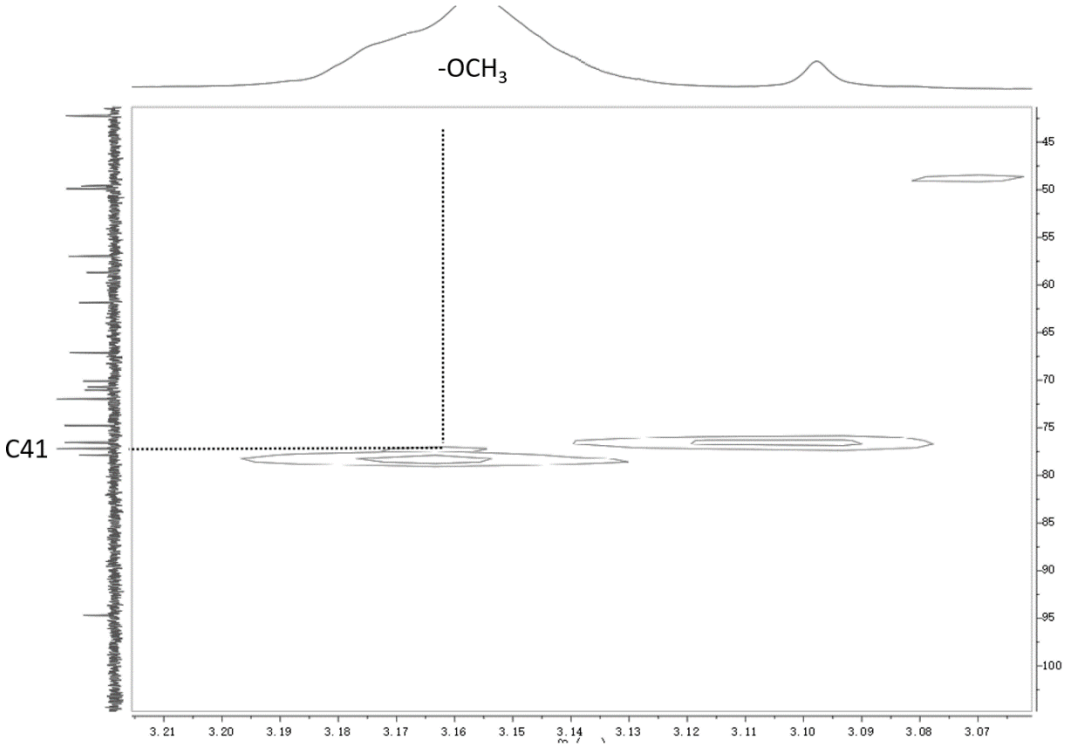


Figure S22: HMBC Spectrum of **2** (Terpendole O) (From δ_C 45 ppm to δ_C 100 ppm)

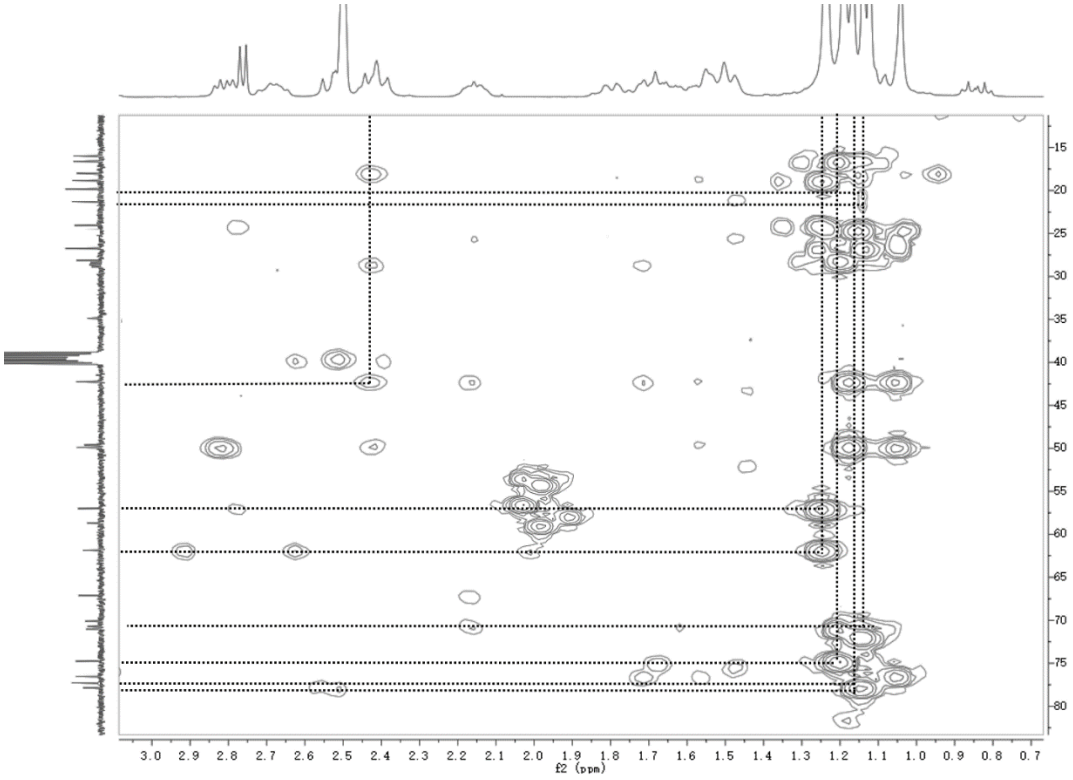
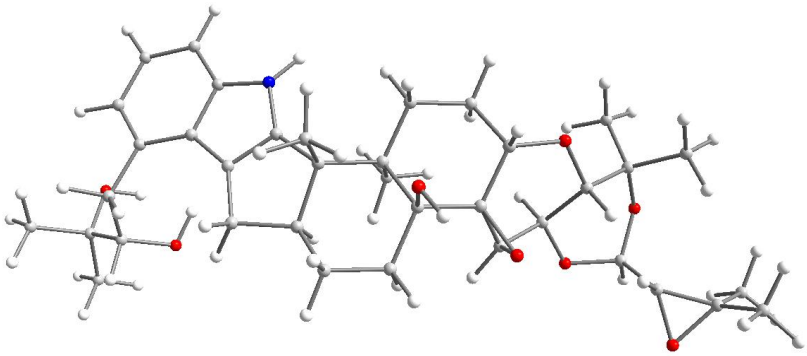


Figure S23: HMBC spectrum of **2** (Terpendole O) (From δ_C 10 ppm to δ_C 90 ppm)



X-ray Crystallographic Analysis of 1. The X-ray crystallographic data of **1** was collected on a Bruker APEX DUO diffractomater and equipped with an APEX II CCD using Mo Kα radiation. **Crystal Data** for $C_{37}H_{51}NO_8$ (M = 637.36): triclinic, space group P-1 (no. 2), a = 10.928(5) Å, b = 11.701(5) Å, c = 16.182(7) Å, α = 81.137(9)°, β = 72.119(9)°, γ = 80.132(9)°, V = 1599.1(13) Å^3, Z = 2, T = 296.15 K, μ(Mo Kα) = 0.097 mm^{-1}, *Dcalc* = 1.299 g/mm^3, 16928 reflections measured ($2.88 \leq 2\Theta \leq 50.7$), 5689 unique ($R_{int}$ = 0.0452) which were used in all calculations. The final R_1 was 0.0603 (>2sigma(I)) and wR_2 was 0.1513 (all data). 17101 reflections measured, 5799 unique (R_{int} = 0.0461) which were used in all calculations. The final $wR(F_2)$ was 0.1506 (all data). The crystal was kept at 296.15 K during data collection.

Figure S24: X-ray crystallographic analysis of **1**.

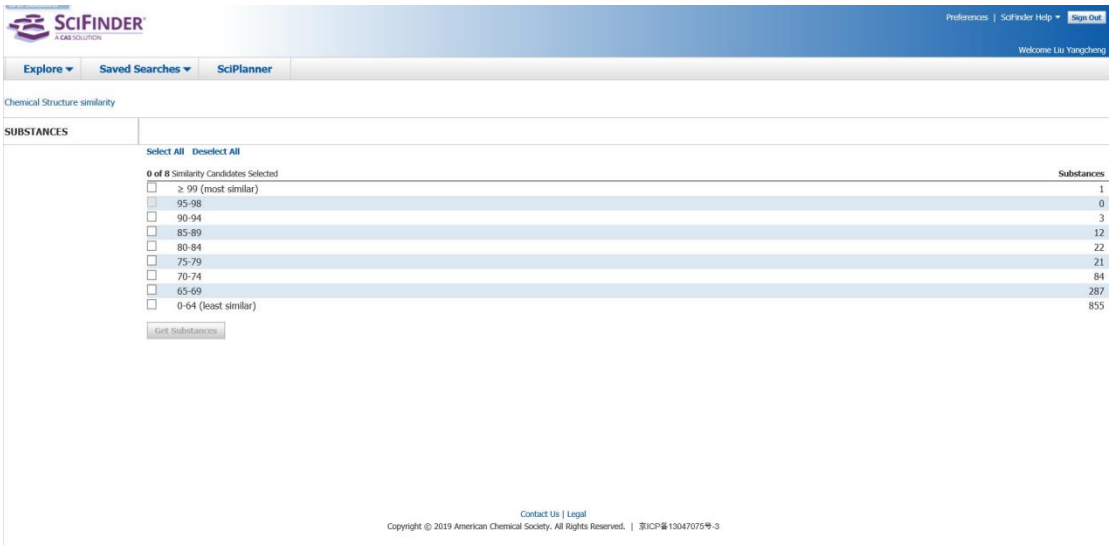


Figure S25: Scifinder search result of **1** (Similarity)

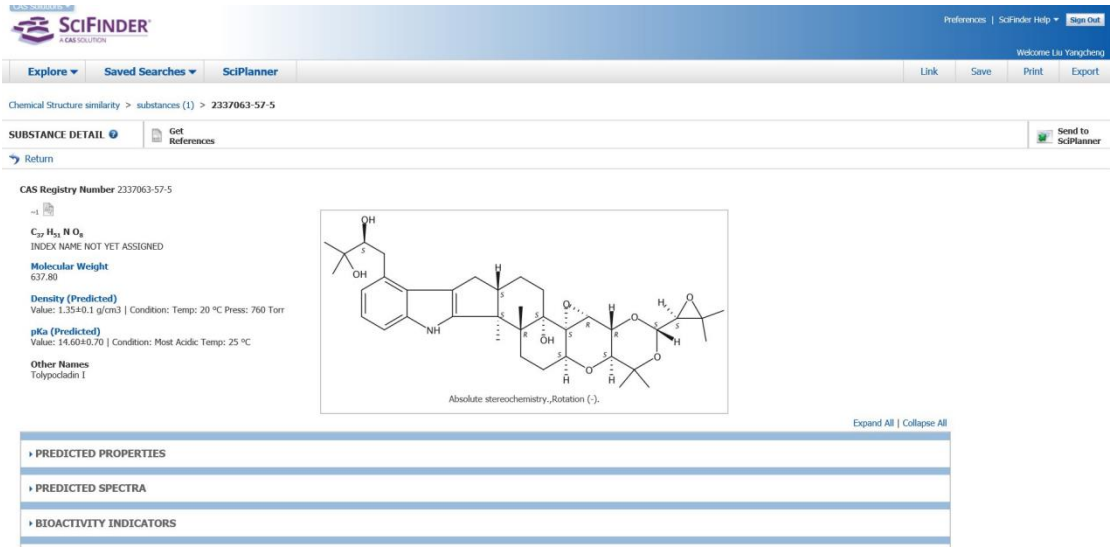


Figure S26: Scifinder search result of **1** (Substance Detail)

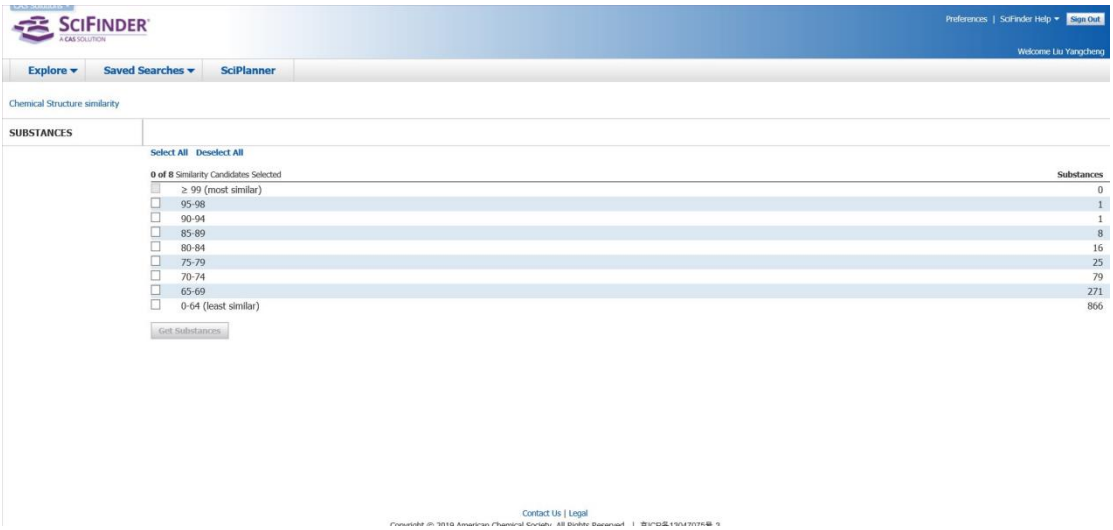


Figure S27: Scifinder search result of **2** (Similarity)

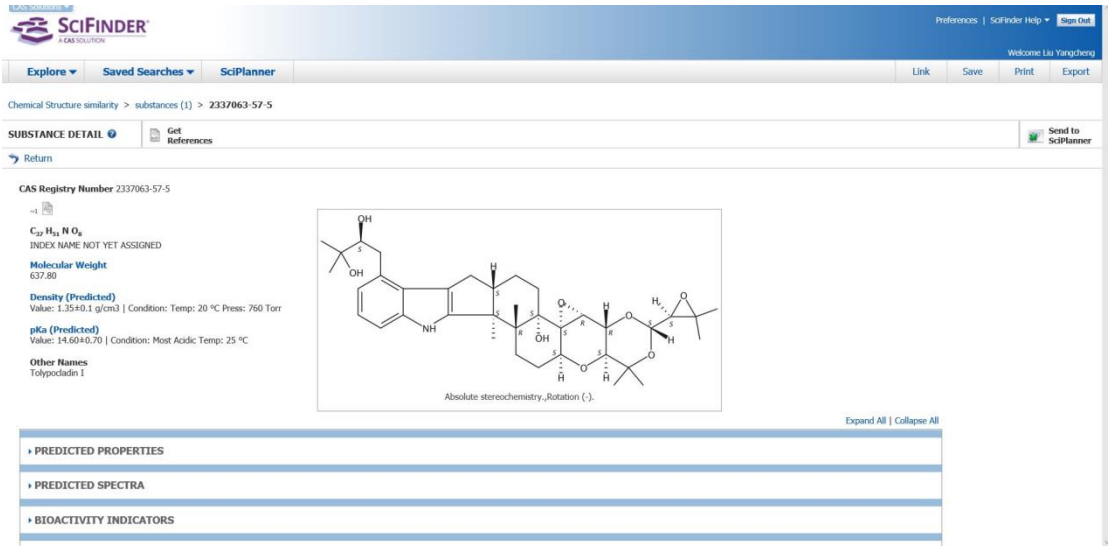


Figure S28: Scifinder search result of **2** (Substance Detail)