Supporting Information

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

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



Figure S2: ¹H NMR (400 MHz, DMSO-*d*₆) spectrum of **1** (Terpendole N)



Figure S3: ¹³C-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 $\delta_C 20$ ppm to $\delta_C 100$ ppm)



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



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



Figure S14: ¹H NMR (400 MHz, DMSO-*d*₆) spectrum of 2 (Terpendole O)



Figure S15: ¹³C-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 $\delta_C 45$ ppm to $\delta_C 100$ 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 K α radiation. **Crystal Data** for C₃₇H₅₁NO₈ (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, $\alpha =$ 81.137(9)°, $\beta =$ 72.119(9)°, $\gamma =$ 80.132(9)°, V = 1599.1(13) Å³, Z = 2, T = 296.15 K, μ (Mo K α) = 0.097 mm⁻¹, *Dcalc* = 1.299 g/mm³, 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.

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Figure S25: Scifinder search result of 1 (Similarity)

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

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Figure S27: Scifinder search result of 2 (Similarity)

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