SUPPLEMENTARY MATERIALS

Targeted Isolation of Tsitsikammamines from the Antarctic Deep-Sea Sponge *Latrunculia biformis* by Molecular Networking and Anticancer Activity

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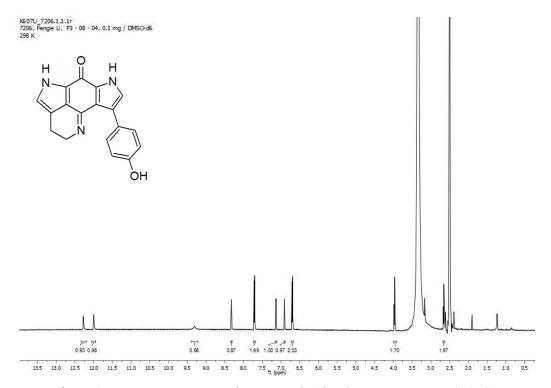


Figure S1. ¹H NMR spectrum of compound 1 (free base, 600 MHz, DMSO-d6).

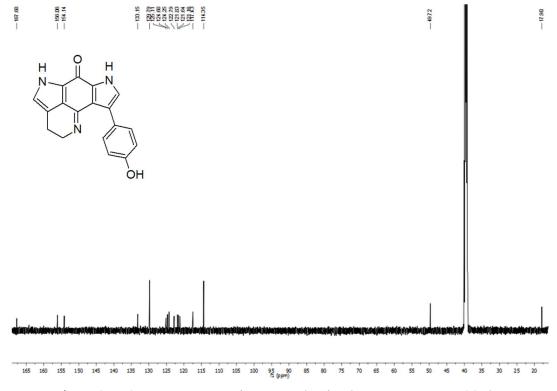


Figure S2. ¹³C NMR spectrum of compound 1 (free base, 150 MHz, DMSO-d6).

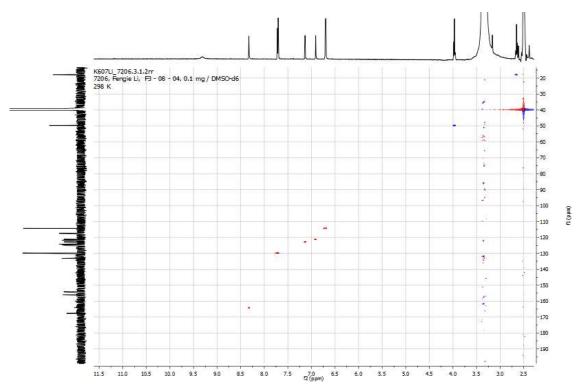


Figure S3. HSQC NMR spectrum of compound 1 (free base, 600 MHz, DMSO-d6).

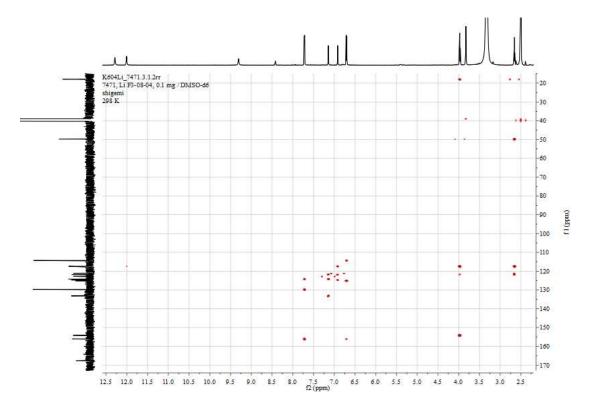


Figure S4. HMBC spectrum of compound 1 (free base, 600 MHz, DMSO-d6).

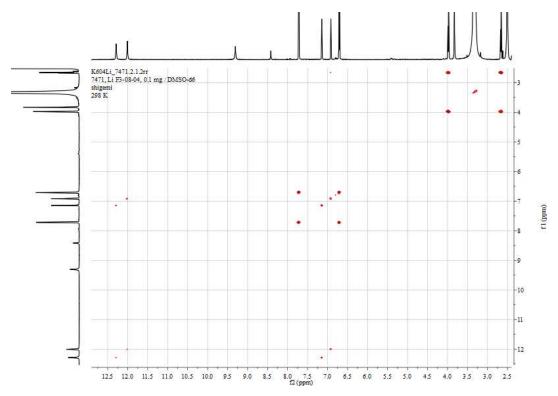


Figure S5. COSY spectrum of compound 1 (free base, 600 MHz, DMSO-d6).

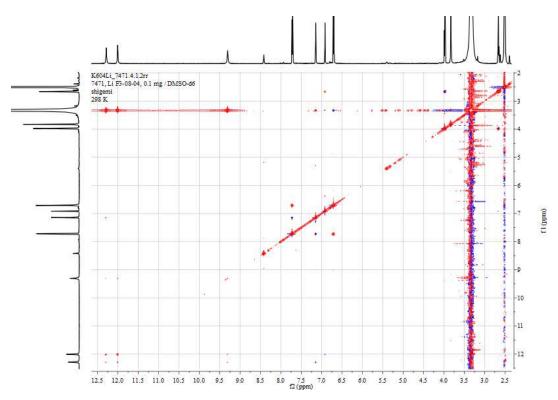


Figure S6. NOESY spectrum of compound 1 (free base, 600 MHz, DMSO-d6).

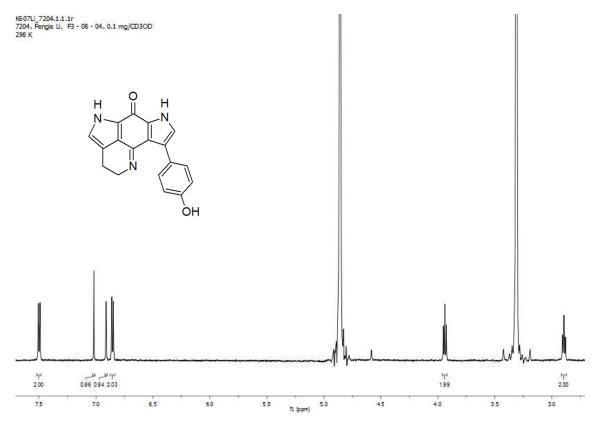


Figure S7. ¹H NMR spectrum of compound **1** (free base, 600 MHz, MeOD).

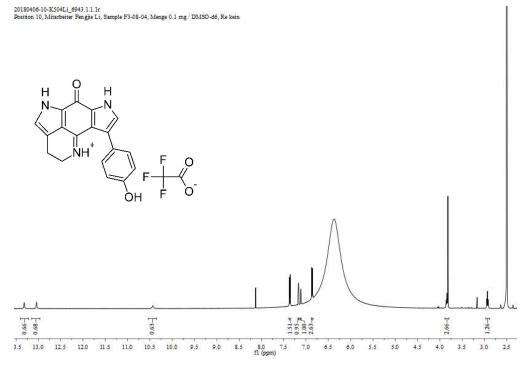


Figure S8. ¹H NMR spectrum of compound **1** (TFA salt, 600 MHz, DMSO-d6).

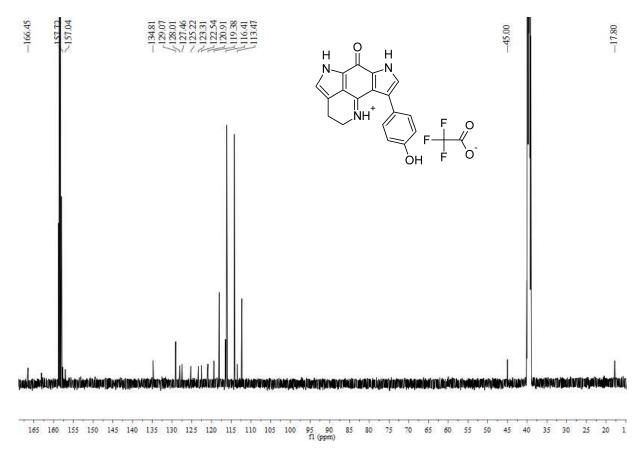


Figure S9. ¹³C NMR spectrum of compound **1** (TFA salt, 150 MHz, DMSO-*d*6).

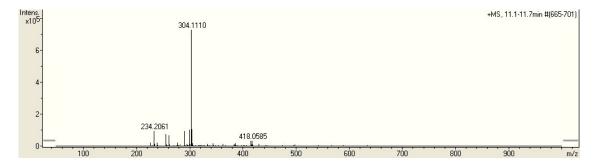


Figure S10. HR-ESIMS spectrum of compound **1**.

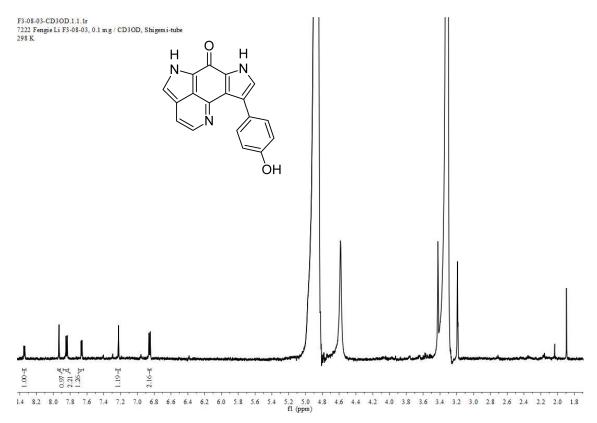


Figure S11. ¹H NMR spectrum of compound 2 (600 MHz, MeOD).

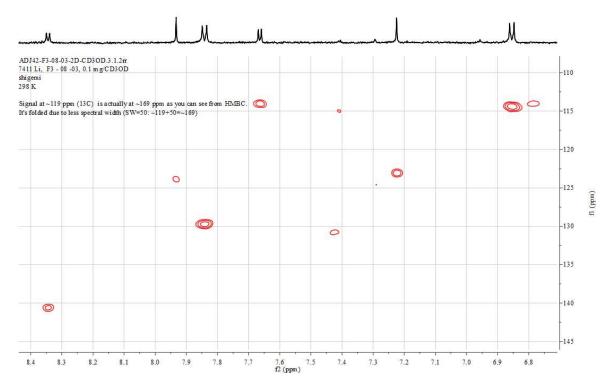


Figure S12. HSQC spectrum of compound 2 (600 MHz, MeOD).

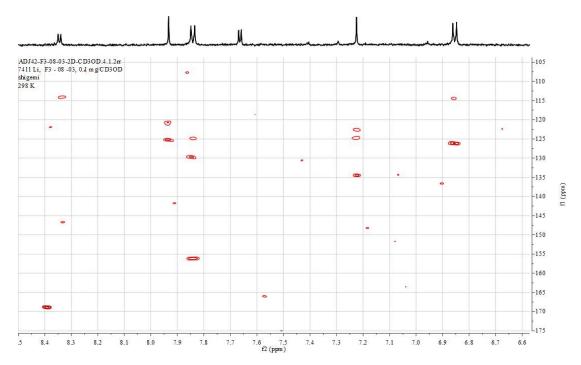


Figure S13. HMBC spectrum of compound 2 (600 MHz, MeOD).

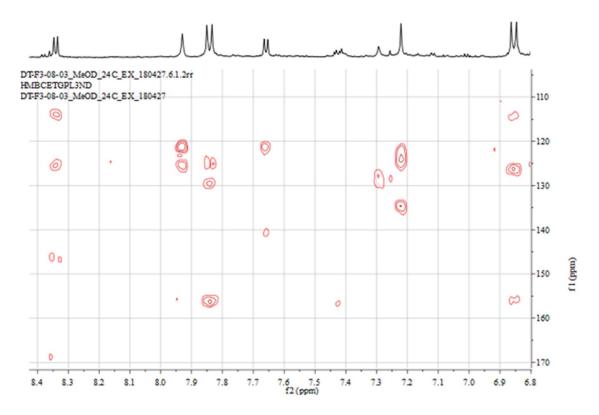


Figure S14. HMBC spectrum of compound 2 (500 MHz, MeOD).

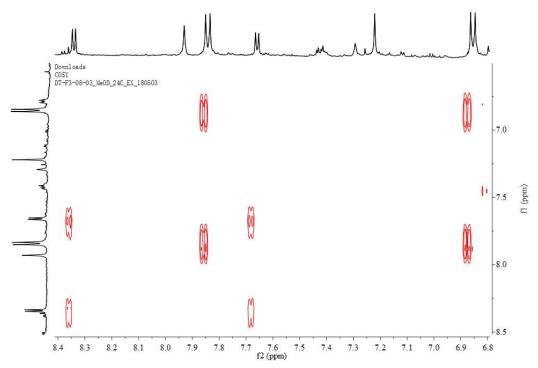
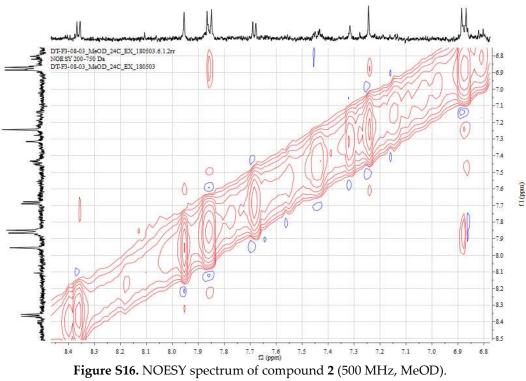


Figure S15. COSY spectrum of compound 2 (500 MHz, MeOD).



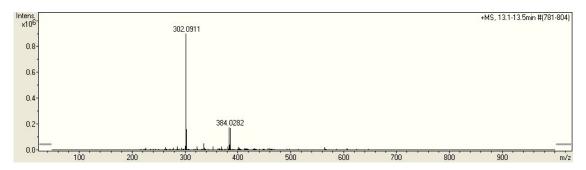


Figure S17. HR-ESIMS spectrum of compound 2.

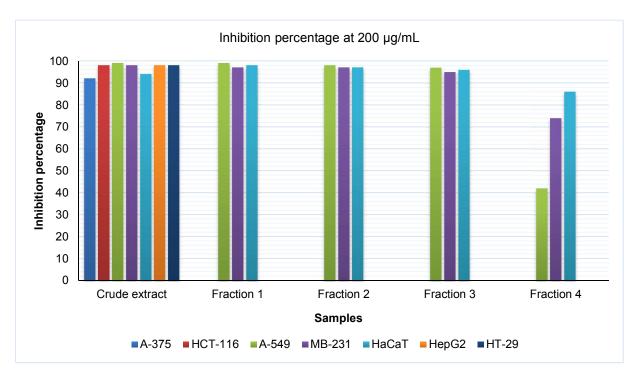


Figure S18. In vitro activity of crude *Latrunculia* extract and its SPE fractions against cancer cell lines. Test concentration: $200 \,\mu\text{g/mL}$. Because of limited amounts available, fraction 5 was not tested against any cell lines while the other 4 fractions were tested only against three cancer cell lines.