Supplementary information for

Ergocytochalasin A, a polycyclic merocytochalasan from an endophytic fungus *Phoma multirostrata* XJ-2-1

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Figure S1. Crystal cell diagram for 1





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Figure S3. UV spectrum of 1



Figure S4. ECD spectrum of 1



Figure S5. HRESIMS interpretation of 1





Figure S7. ¹H NMR spectrum (400 MHz, CDCl₃) of 1



Figure S6. ¹H NMR spectrum (600 MHz, CDCl₃) of 1



Figure S8. ¹³C NMR spectrum (100 MHz, CDCl₃) of 1

Figure S9. DEPT-135 spectrum (100 MHz, CDCl₃) of 1



Figure S10. HSQC spectrum of 1 in CDCl₃



Figure S11. HMBC spectrum of 1 in CDCl₃



Figure S12. ¹H-¹H COSY spectrum of 1 in CDCl₃



Figure S13. NOESY spectrum of 1 in CDCl₃













A: The total ionic chromatogram of extract. B: Selected ionic chromatograms at m/z 894.5619-894.5679 [M+Na]⁺ of extract for compound 1. C: Selected ionic chromatograms at m/z 500.2393-500.2433 [M+Na]⁺ of extract for cytochalasin A. D: Selected ionic chromatograms at m/z 417.3133-417.3153 [M+Na]⁺ of extract for 14-dehydroergosterol.