

Supplementary Information

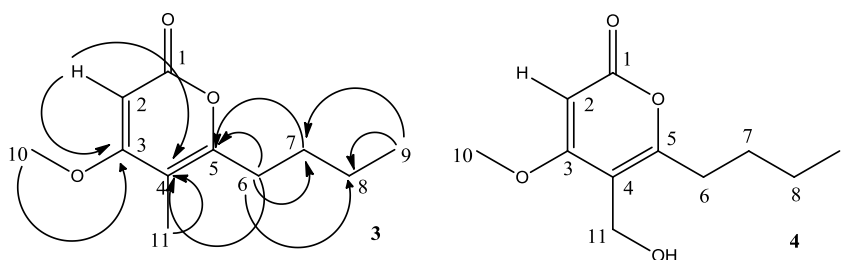
Annularins I and J: New Metabolites Isolated from Endophytic Fungus *Exserohilum rostratum*

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Scheme 1. Annularin I (3) and annularin J (4).

Annularin I (3)

Colorless oil; ¹H NMR and ¹³C NMR data, see Table 1 of the main manuscript; HRESIMS [M + H]⁺ calcd. for C₁₁H₁₆O₃: 197.1177; found 197.1210. LRAPCIMS (Daughter ion, 20 eV) *m/z*: 197 ([M + H]⁺, 45%), 153 (26), 139 (27), 125 (60), 109 (100).

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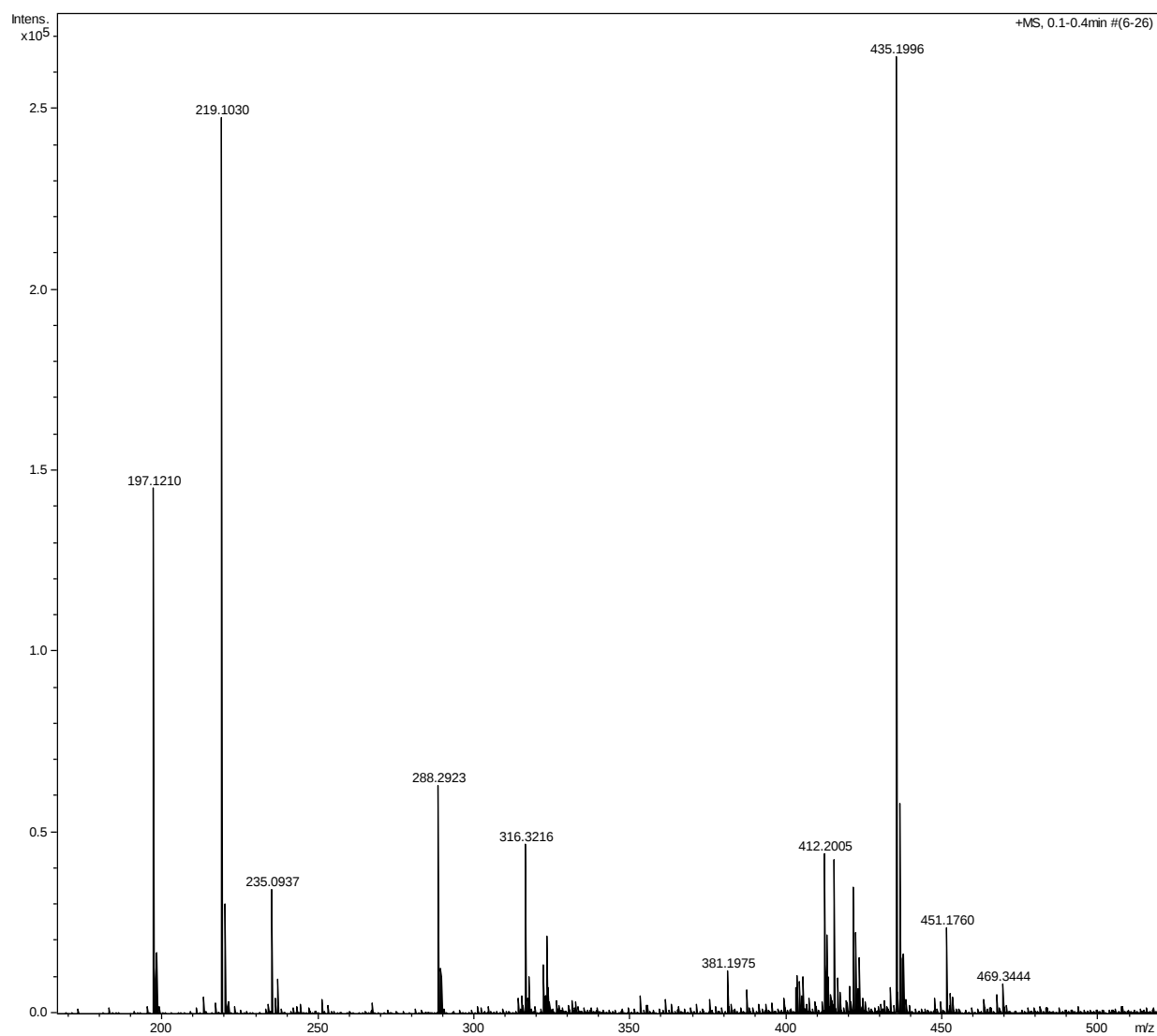


Figure S1. HRESIMS spectrum of compound **3** (annularin I).

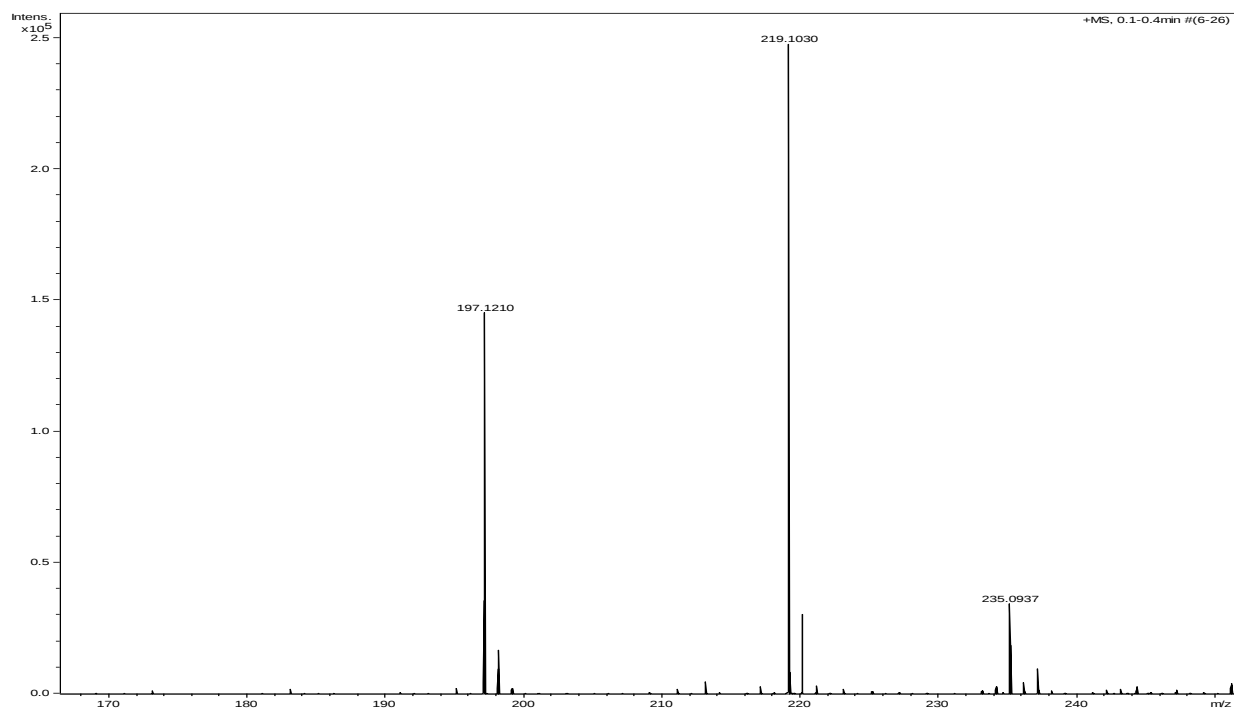


Figure S2. Expansion of HRESIMS spectrum of compound **3** (annularin I).

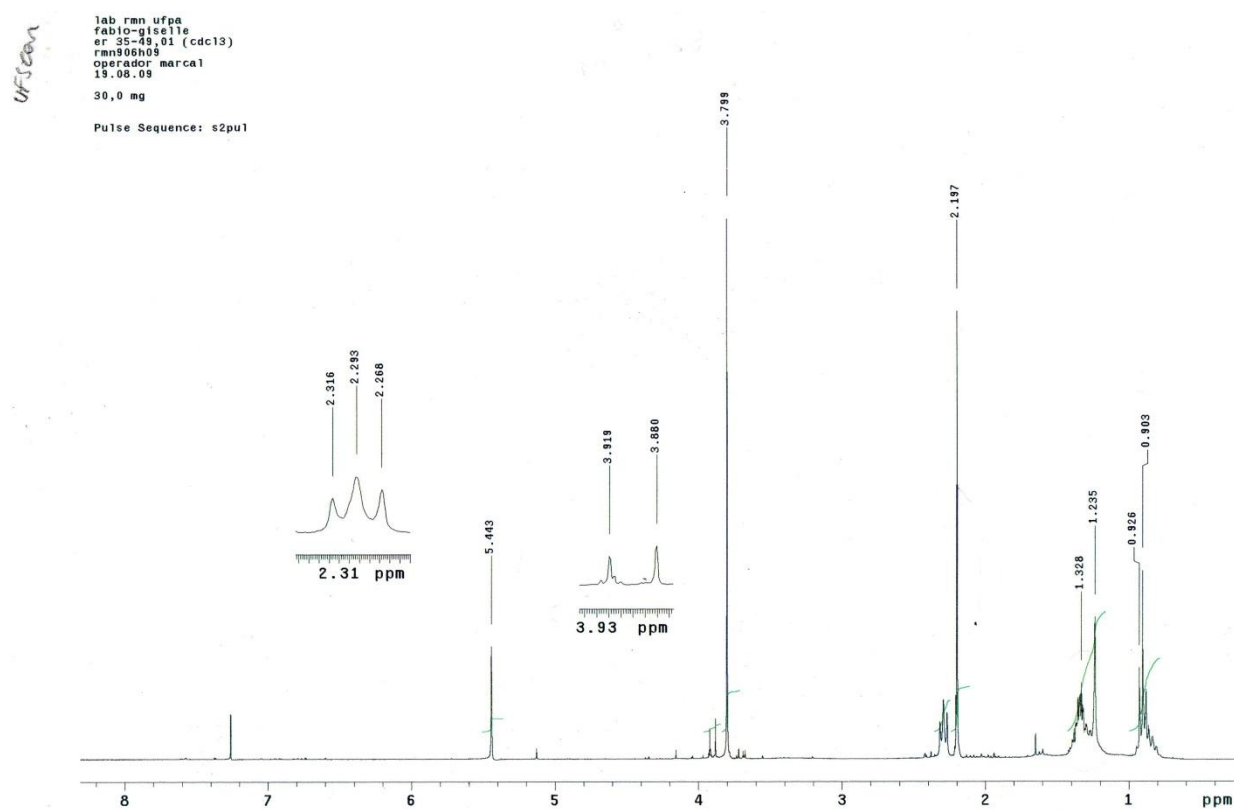


Figure S3. ¹H NMR (300 MHz, CDCl₃) spectrum of compound **3** (annularin I).

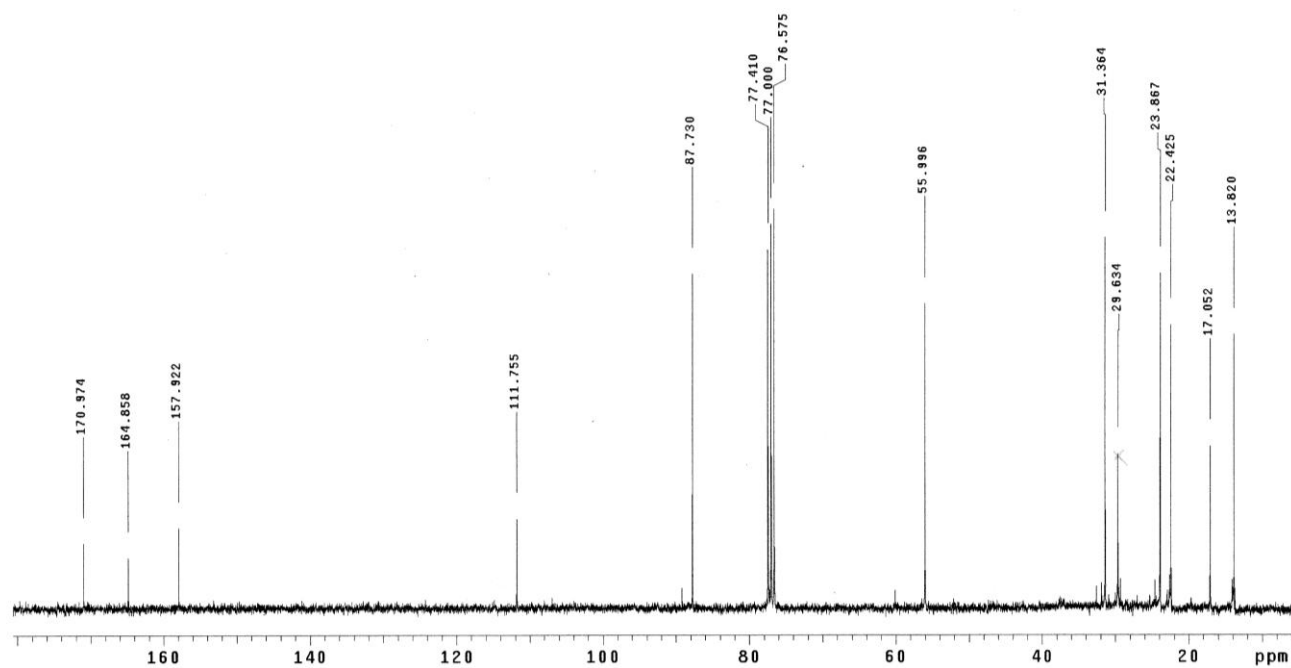


Figure S4. ¹³C NMR (75 MHz, CDCl₃) spectrum of compound 3 (annularin I).

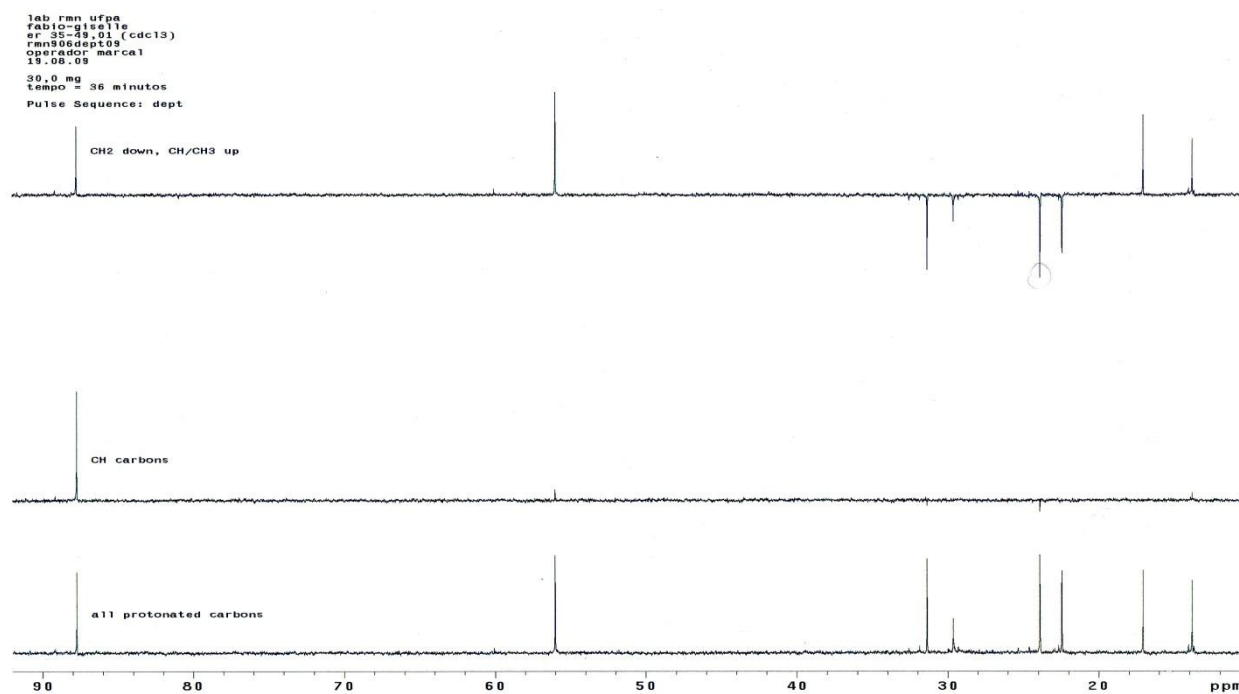


Figure S5. DEPT (75 MHz, CDCl₃) spectrum of compound 3 (annularin I).

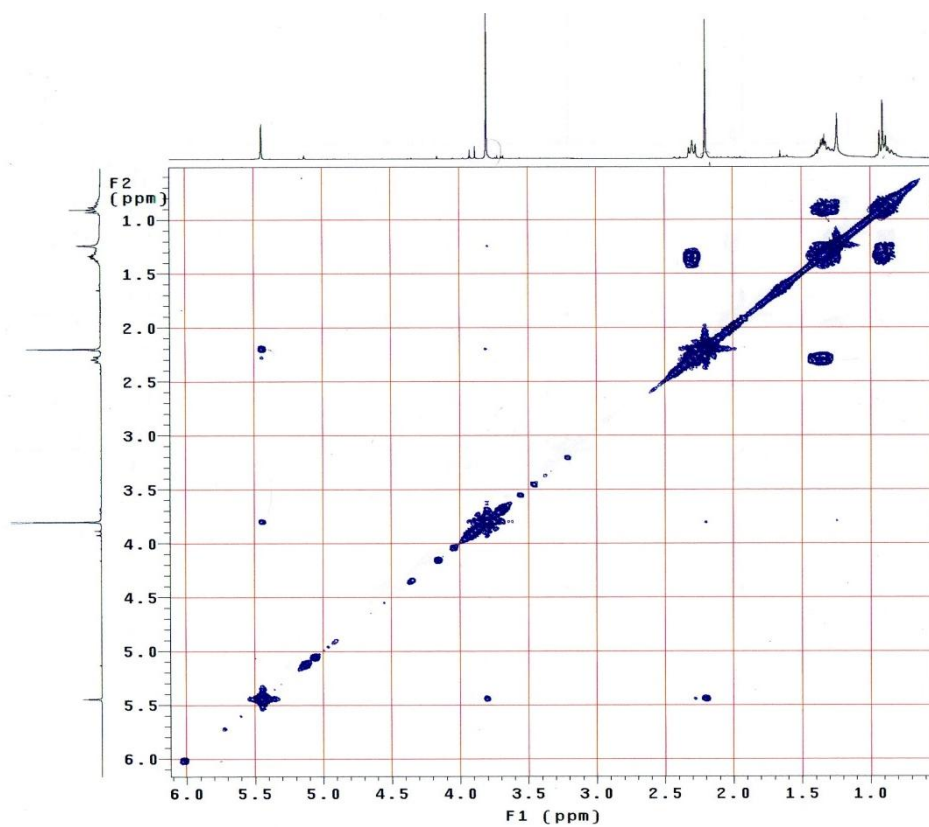


Figure S6. COSY (300 MHz) spectrum of compound **3** (annularin I).

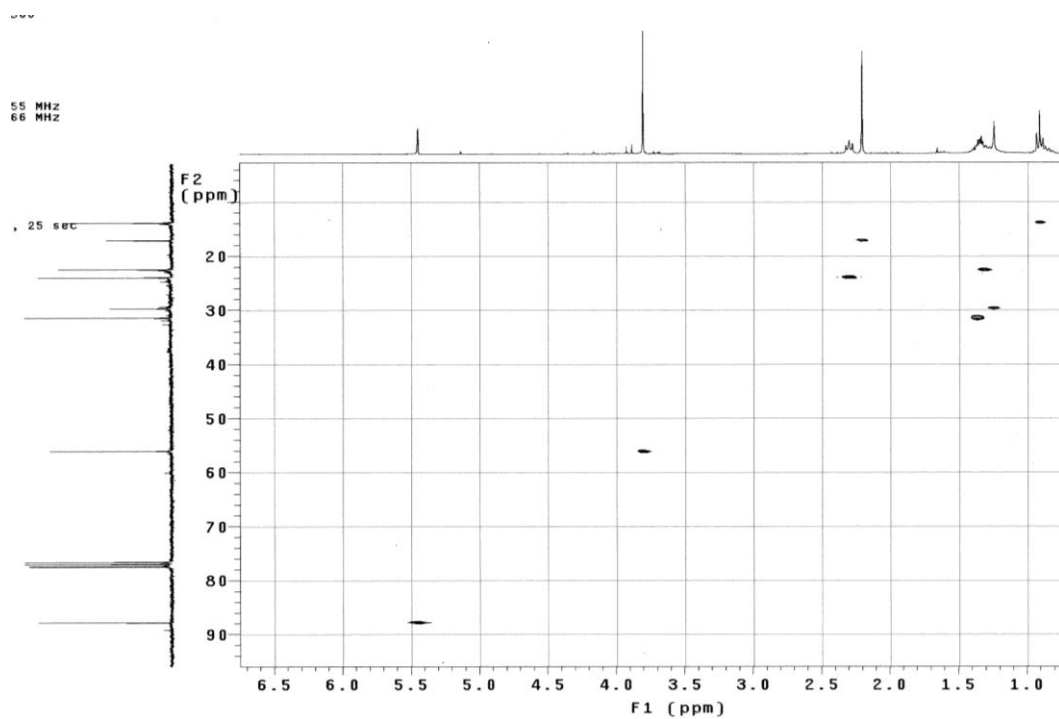


Figure S7. HETCOR (300 MHz) spectrum of compound **3** (annularin I).

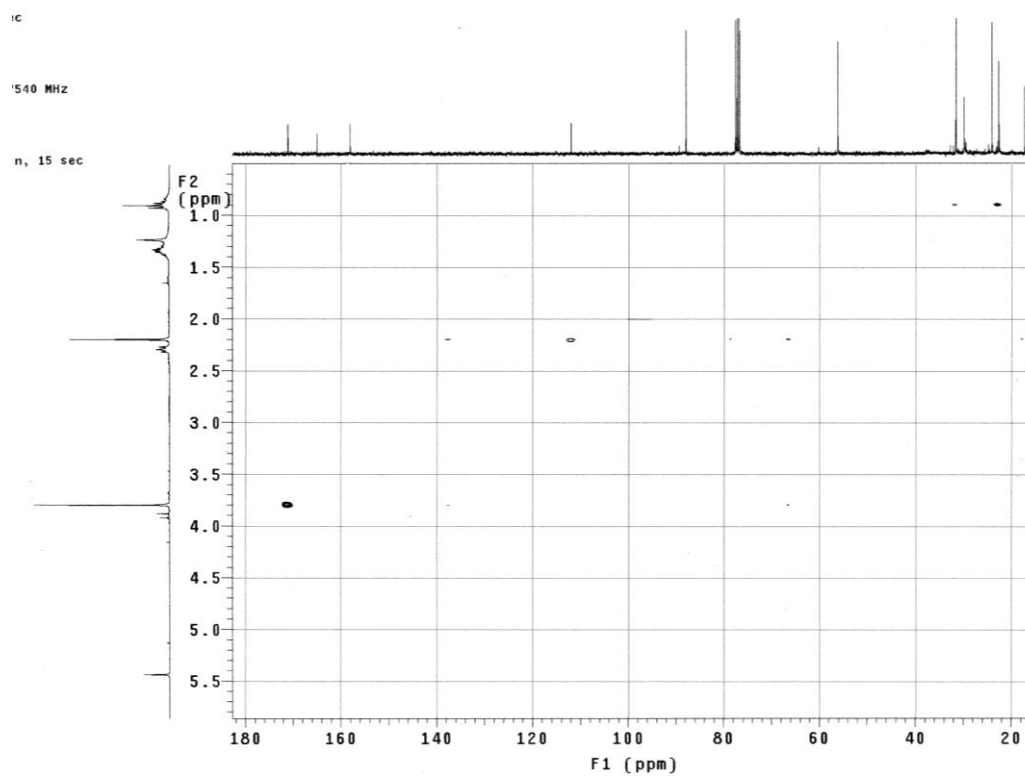


Figure S8. HMBC (300 MHz) spectrum of compound **3** (annularin I).

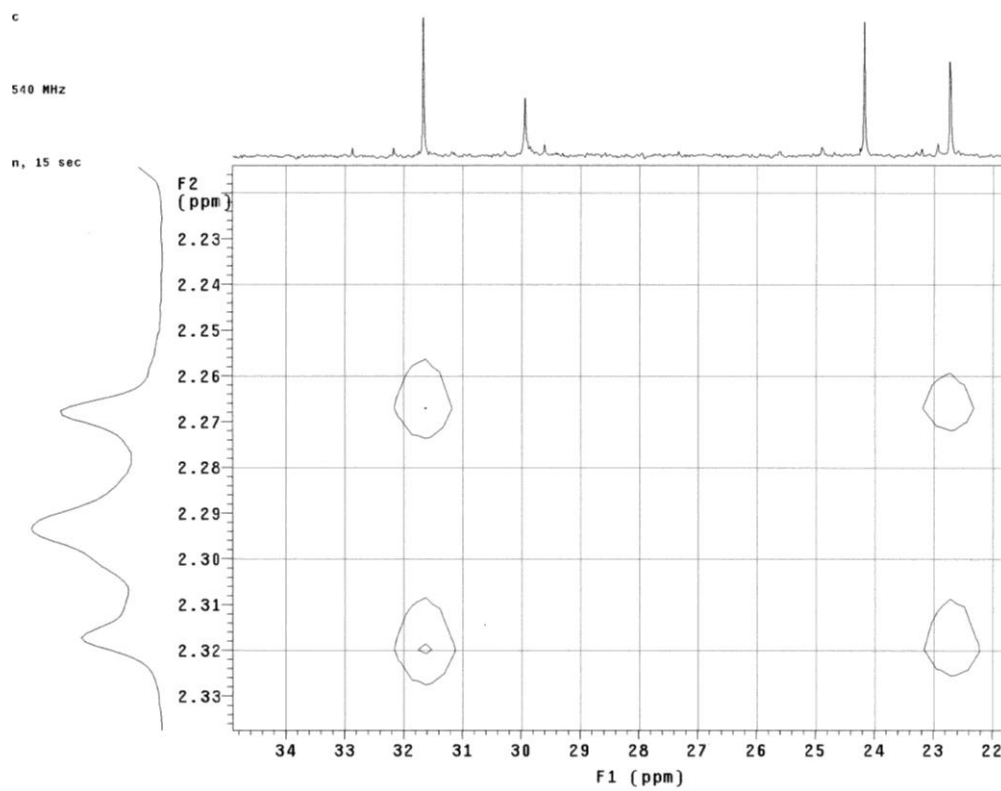


Figure S9. HMBC (300 MHz) spectrum of compound **3** (annularin I) (from 22 to 35 ppm).

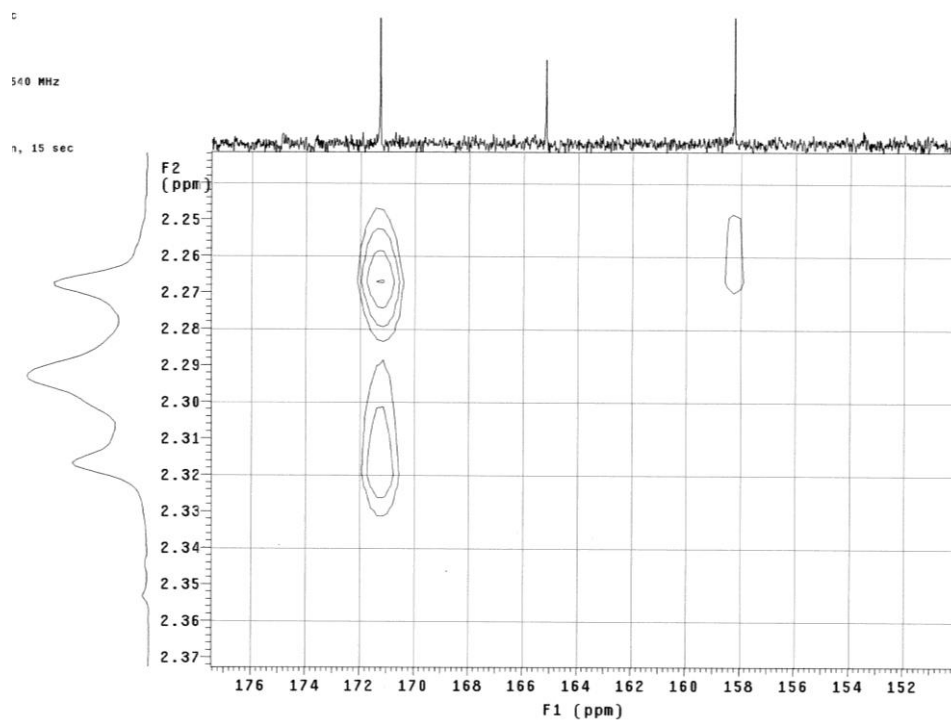


Figure S10. HMBC (300 MHz) spectrum of compound 3 (annularin I) (from 151 to 177 ppm).

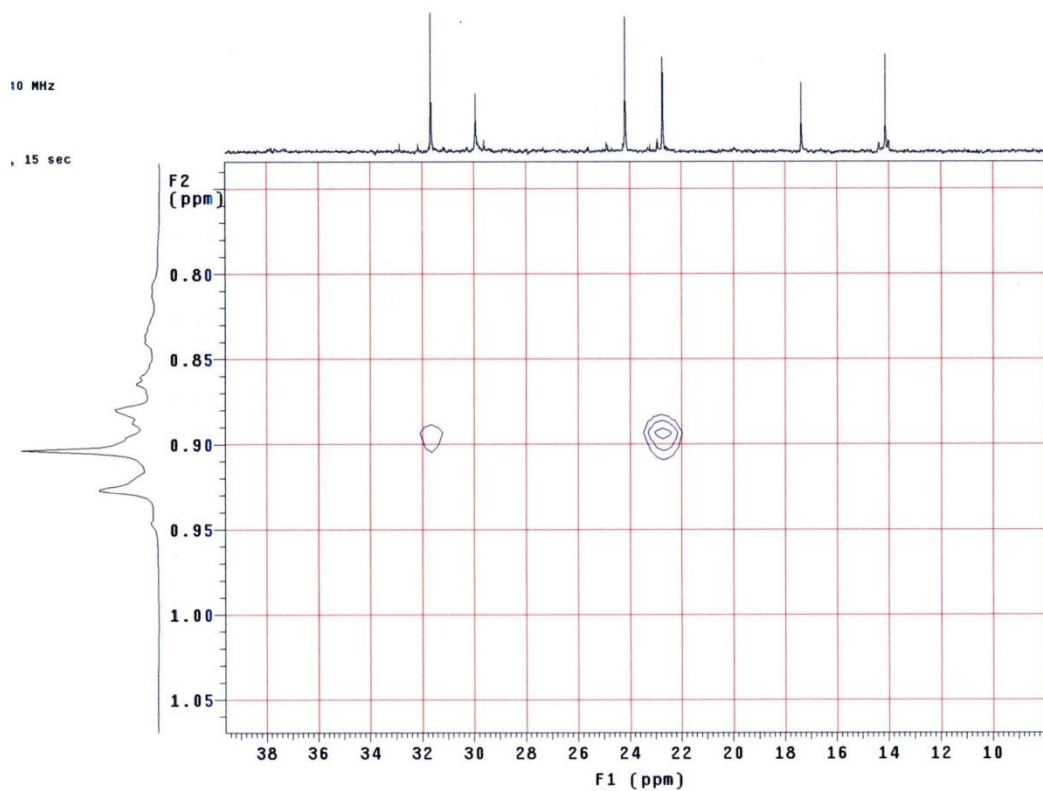


Figure S11. HMBC (300 MHz) spectrum of compound 3 (annularin I) (from 10 to 38 ppm).

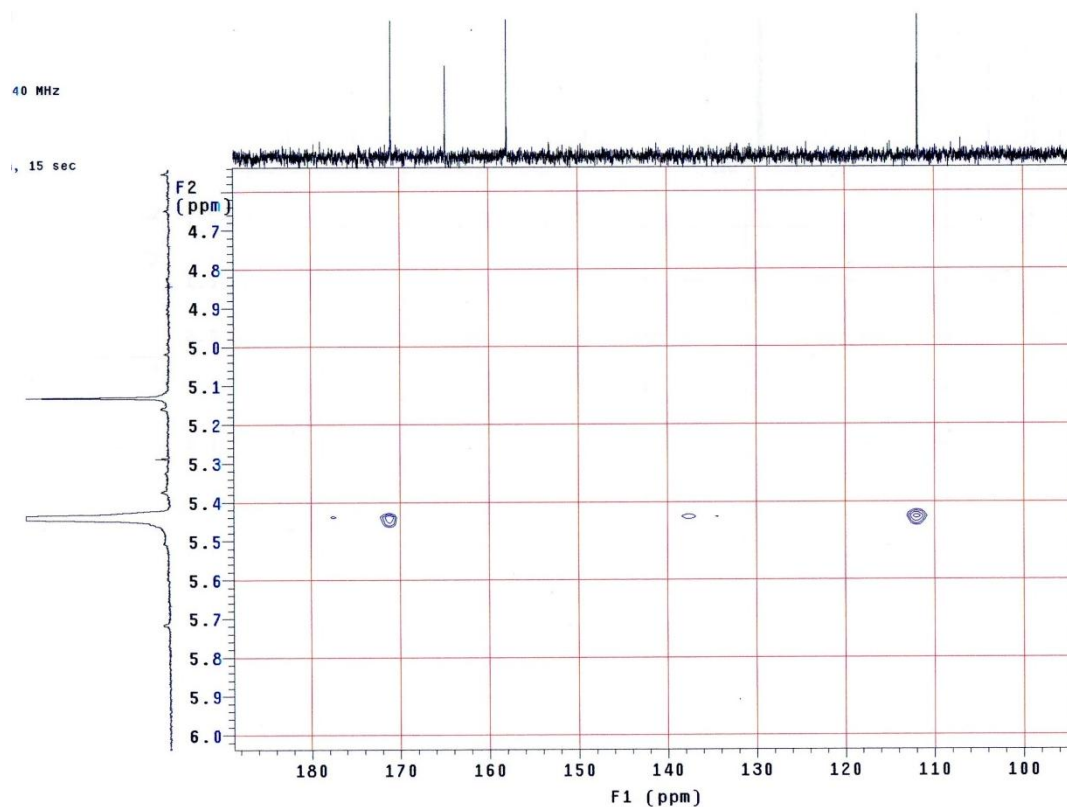


Figure S12. HMBC (300 MHz) spectrum of compound **3** (annularin I) (from 99 to 190 ppm).

Annularin J (**4**)

Colorless oil; ^1H NMR and ^{13}C NMR data, see Table 1 of the main manuscript; HRESIMS $[\text{M} + \text{H}]^+$ calcd. for $\text{C}_{11}\text{H}_{16}\text{O}_4$: 213.1095; found: 213.1132. LRAPCIMS (Daughter ion, 20 eV) m/z : 213 ($[\text{M} + \text{H}]^+$, 22%), 153 (100), 141 (22), 125 (70).

ANNULARIN_J 41 (0.829) Cm (3:49)

1: TOF MS ES+
1.76e7

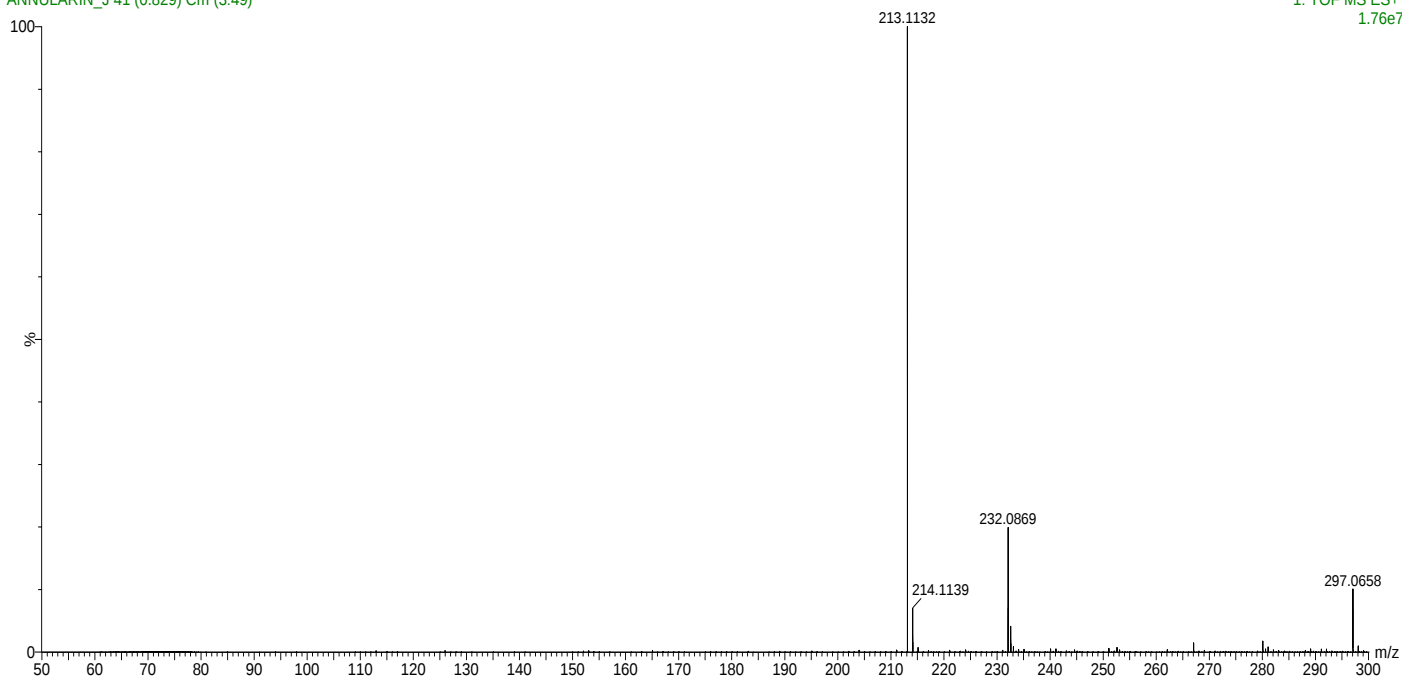


Figure S13. HRESIMS spectrum of compound **4** (annularin J).

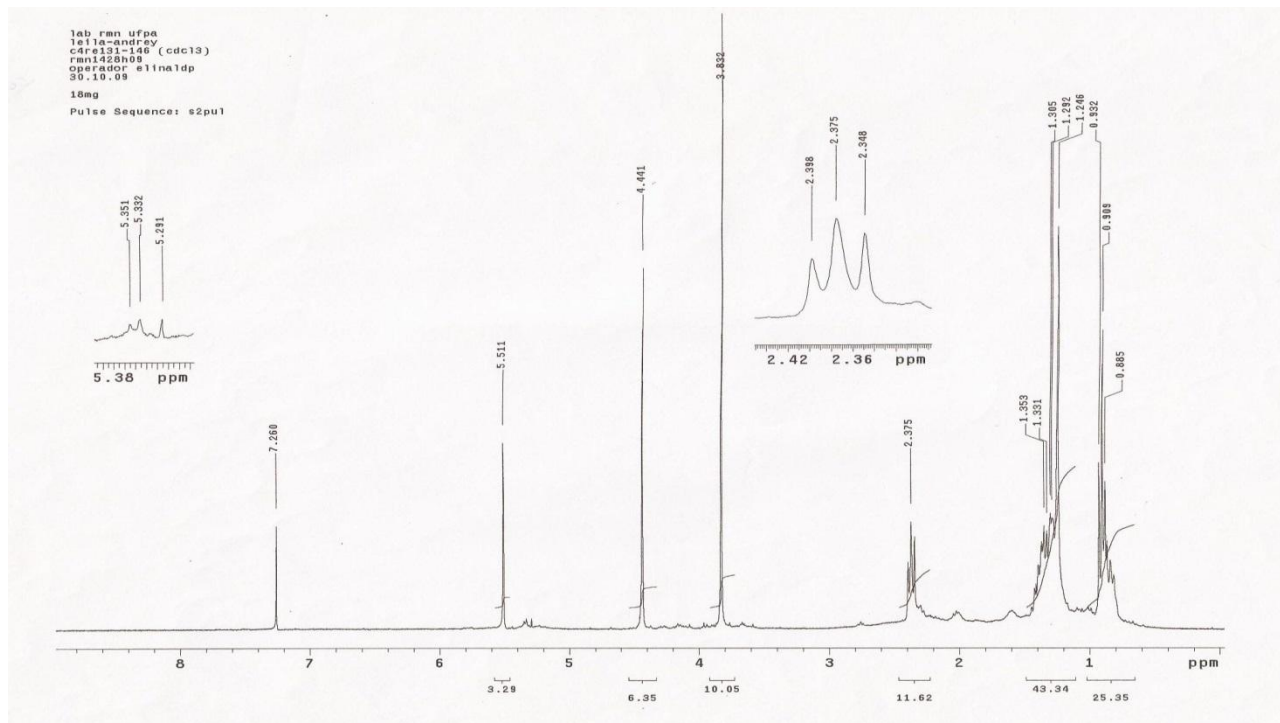


Figure S14. ^1H NMR (300 MHz, CDCl_3) spectrum of compound **4** (annularin J).

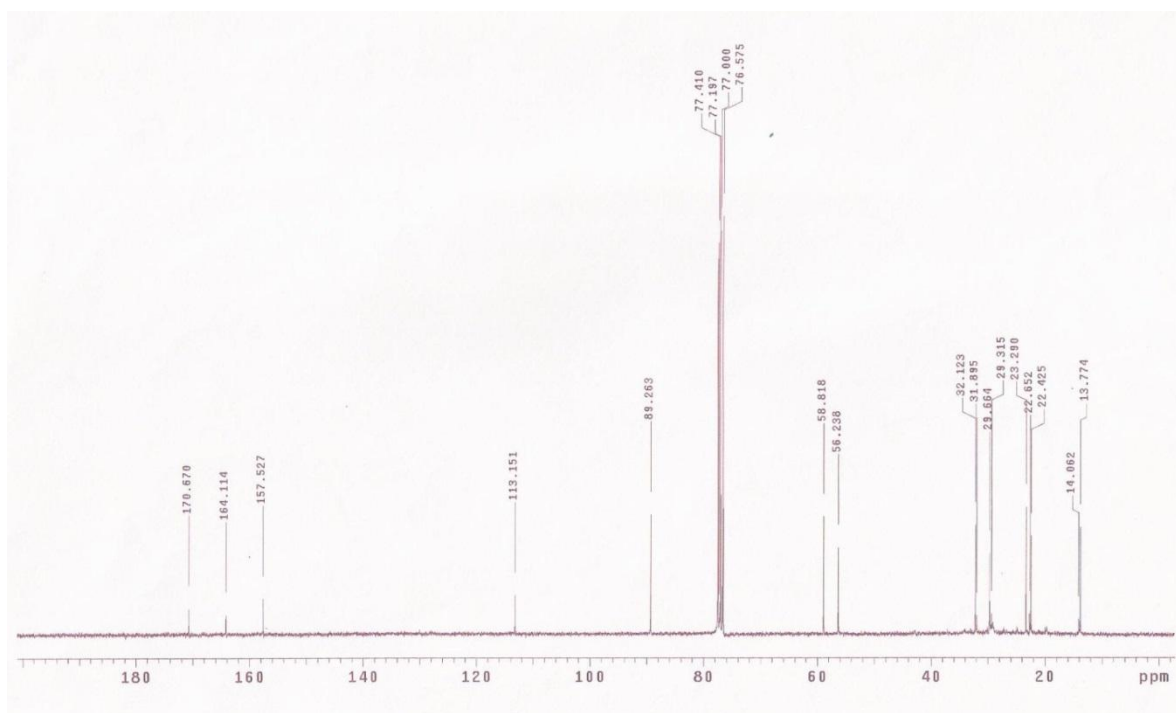


Figure S15. ¹³C NMR (75 MHz, CDCl₃) spectrum of compound **4** (annularin J).

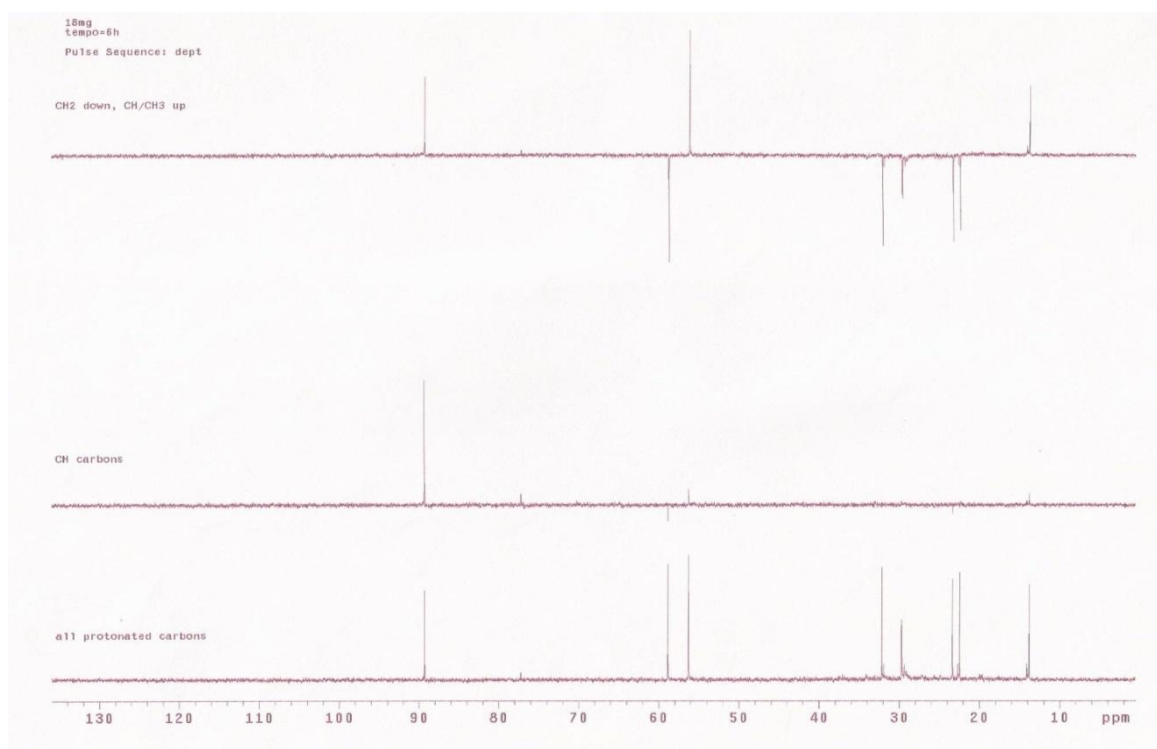


Figure S16. DEPT spectrum of compound **4**.

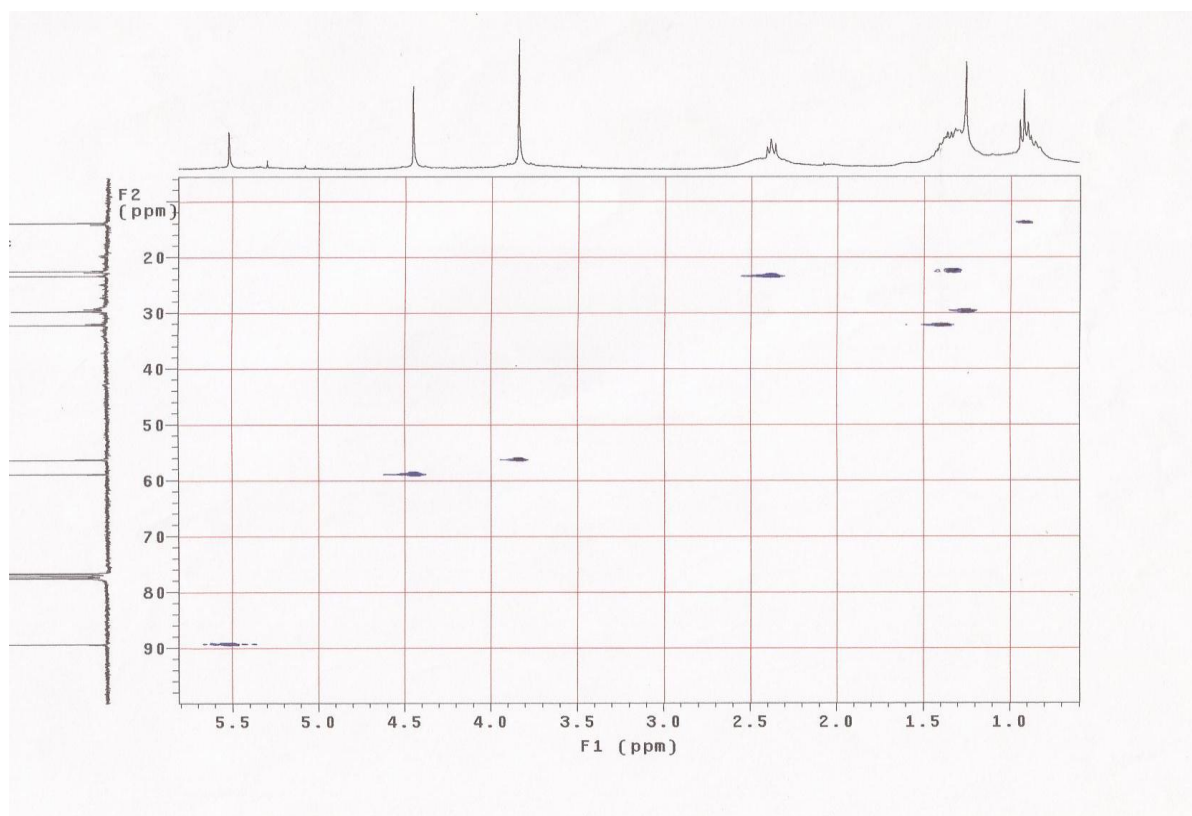


Figure S17. HETCOR (300 MHz) spectrum of compound **4** (annularin J).

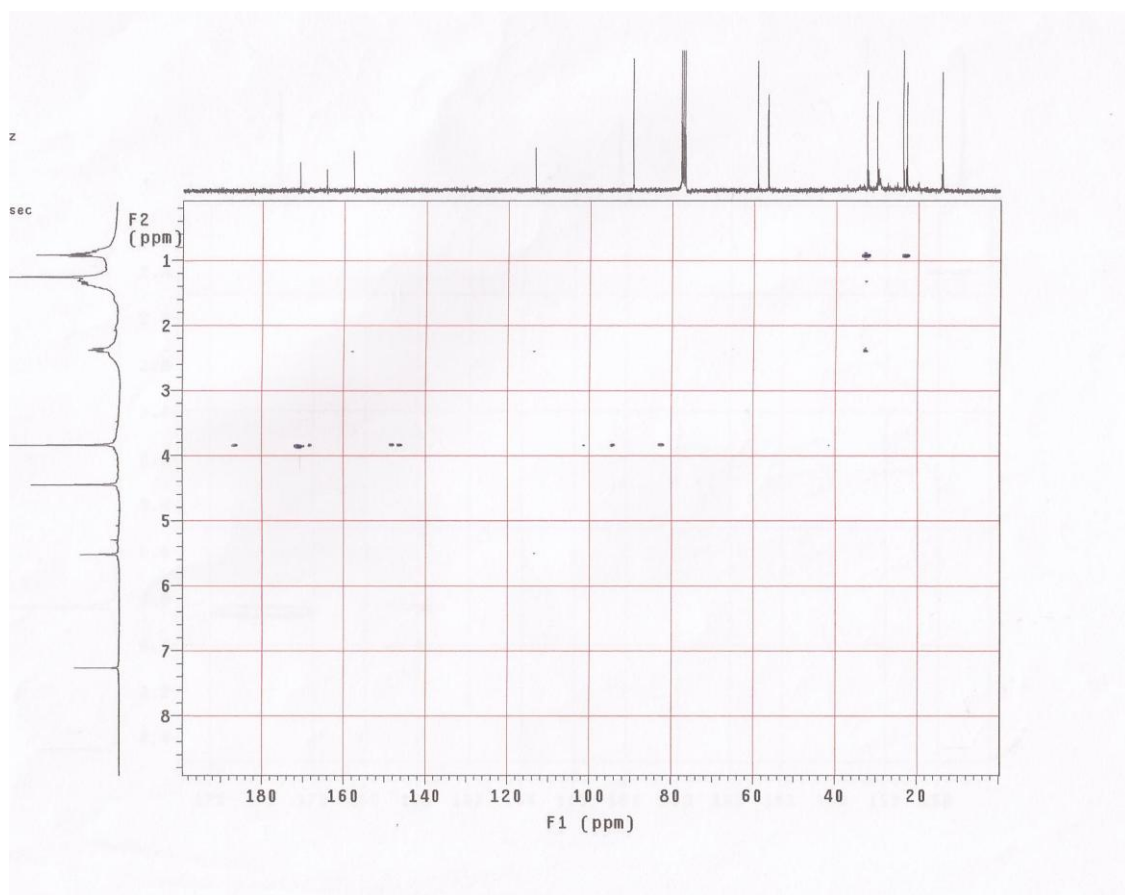


Figure S18. HMBC (300 MHz) spectrum of compound **4** (annularin J).