

## Supplementary data

# Flavonoids from *Selaginella doederleinii* Hieron and Their Antioxidant and Antiproliferative Activities

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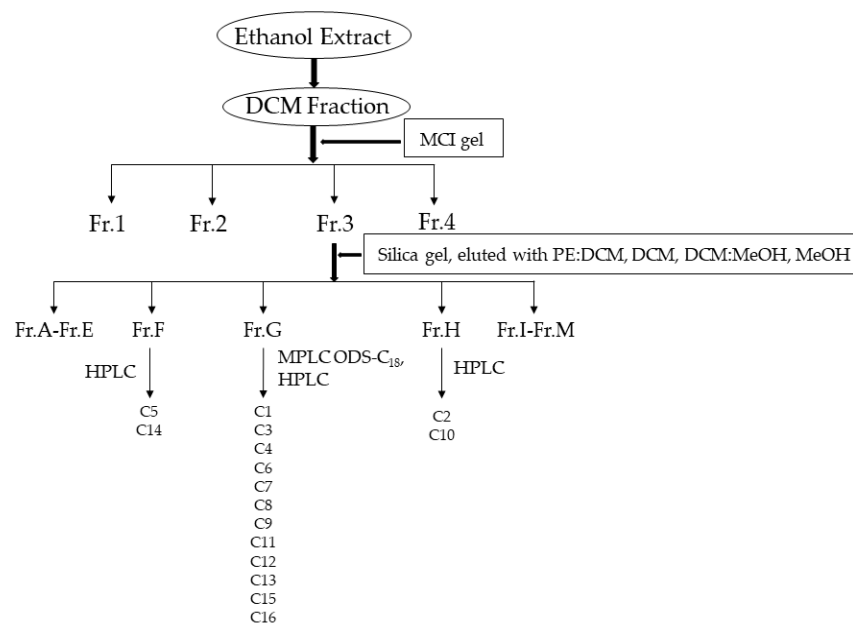
**Figure S13.** DEPT (150 MHz) spectrum of compound **3** in Methanol- $d_4$

**Figure S14.** HSQC (600 MHz) spectrum of compound **3** in Methanol- $d_4$

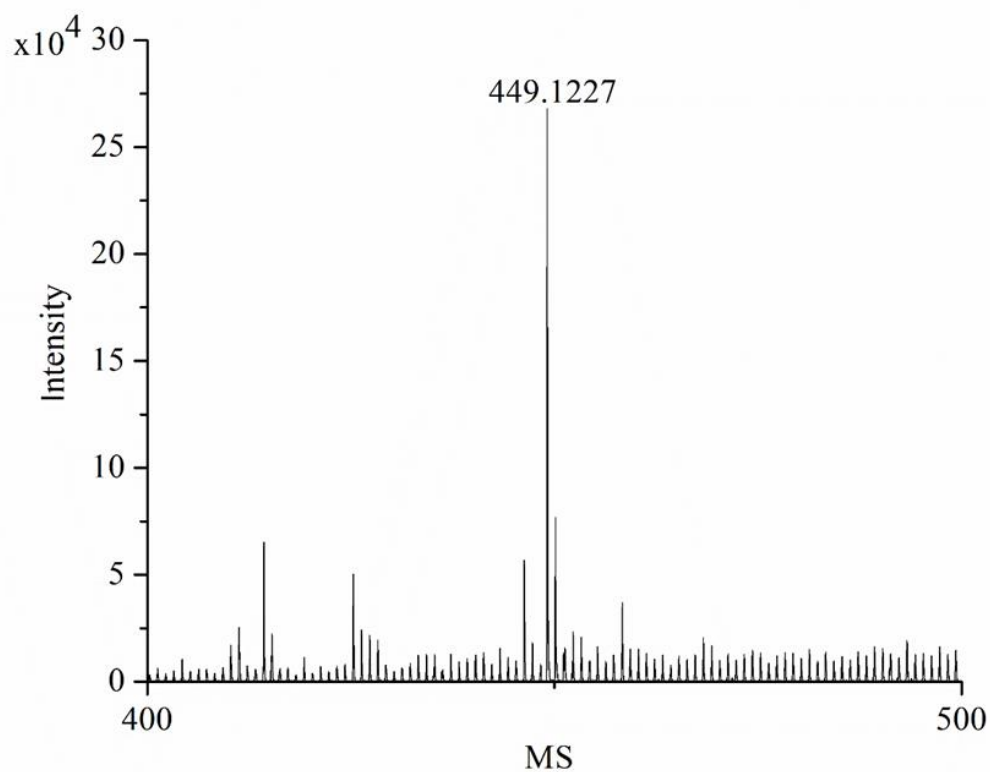
**Figure S15.**  $^1\text{H}$ - $^1\text{H}$  COSY (600 MHz) spectrum of compound **3** in Methanol- $d_4$

**Figure S16.** HMBC (600 MHz) spectrum of compound **3** in Methanol- $d_4$

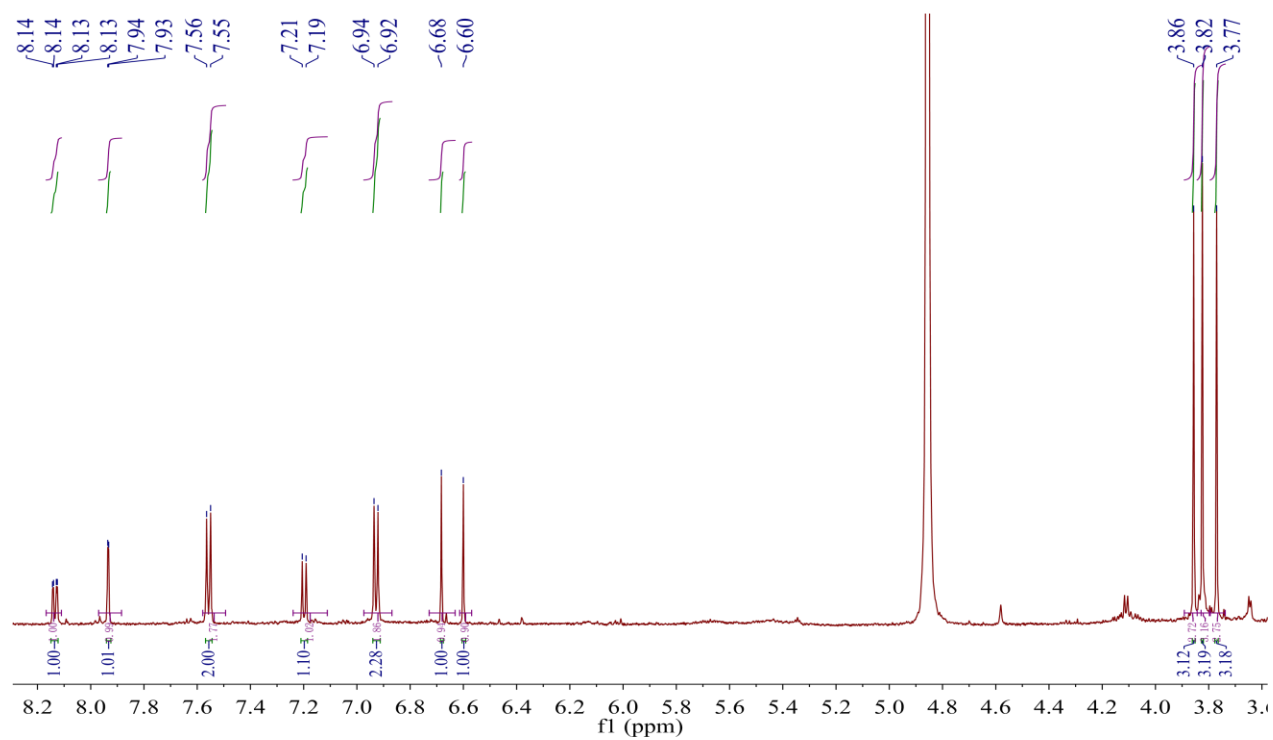
**Figure S17.** NOESY (600 MHz) spectrum of compound **3** in Methanol- $d_4$



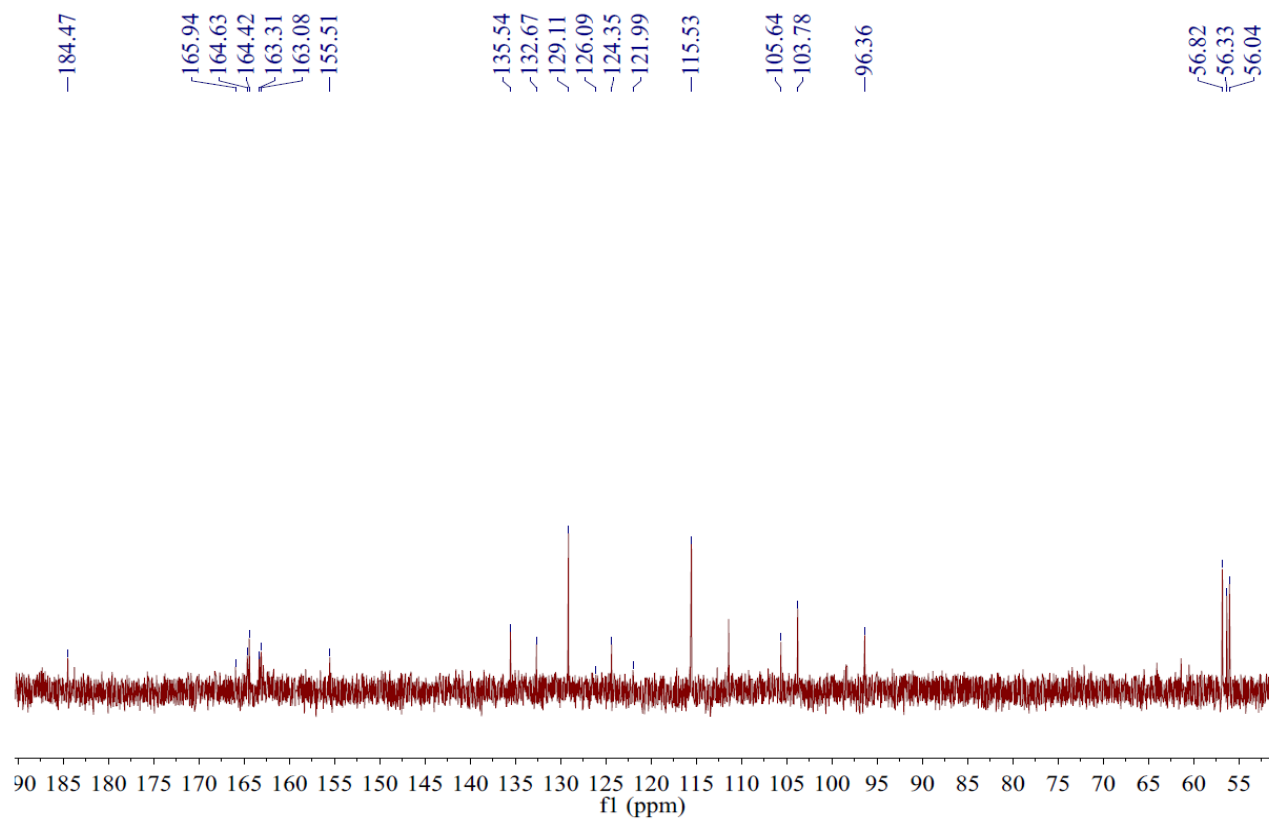
**Figure S1.** Isolation flow diagram of compounds **1-16**



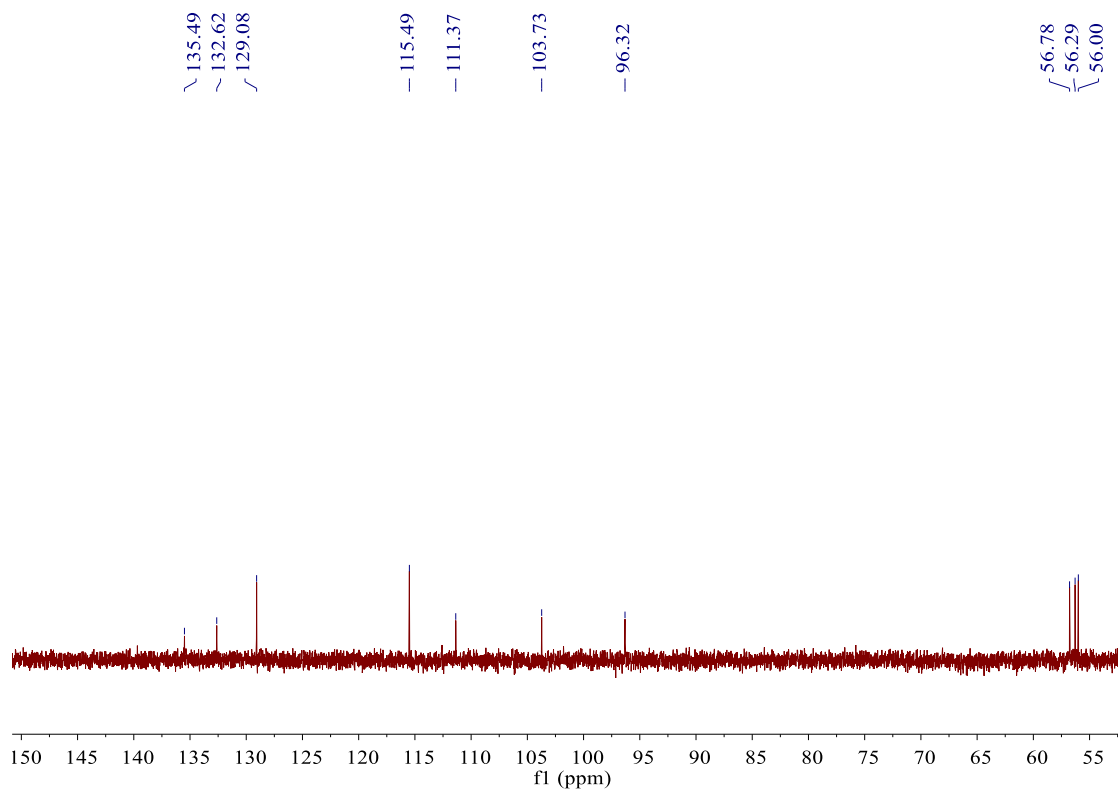
**Figure S2.** UPLC-QTOF-MS spectrum of compound **1**



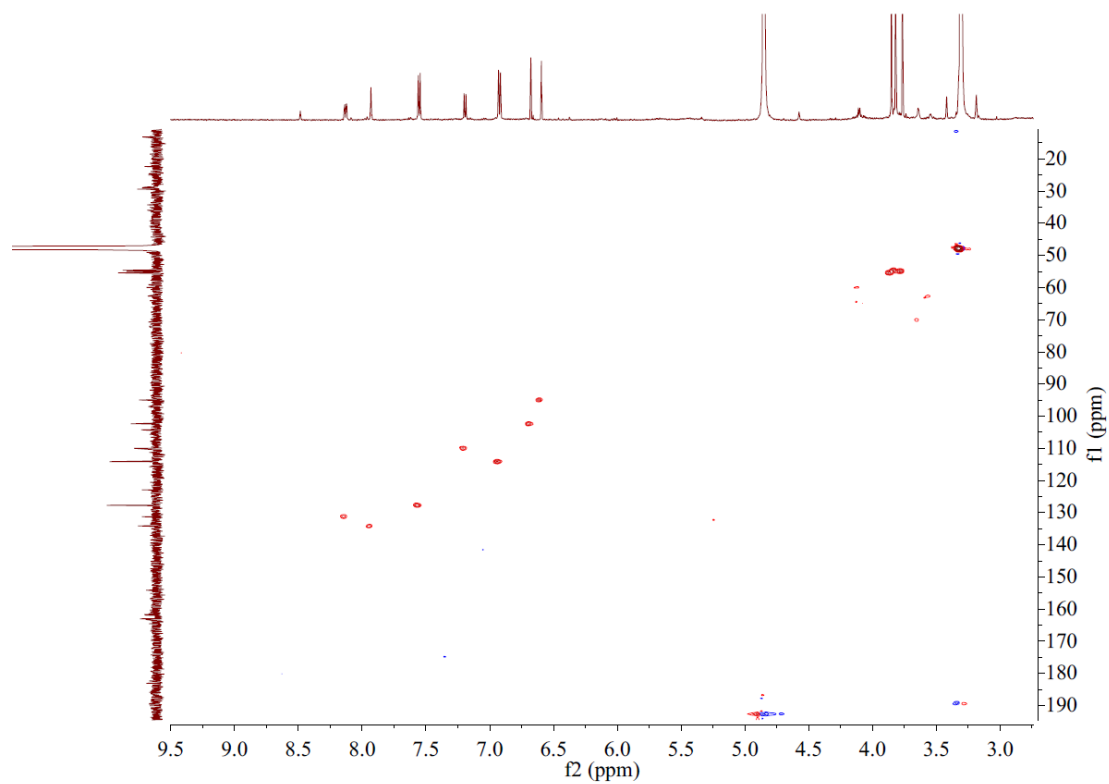
**Figure S3.** <sup>1</sup>H NMR (600 MHz) spectrum of compound **1** in Methanol-*d*<sub>4</sub>



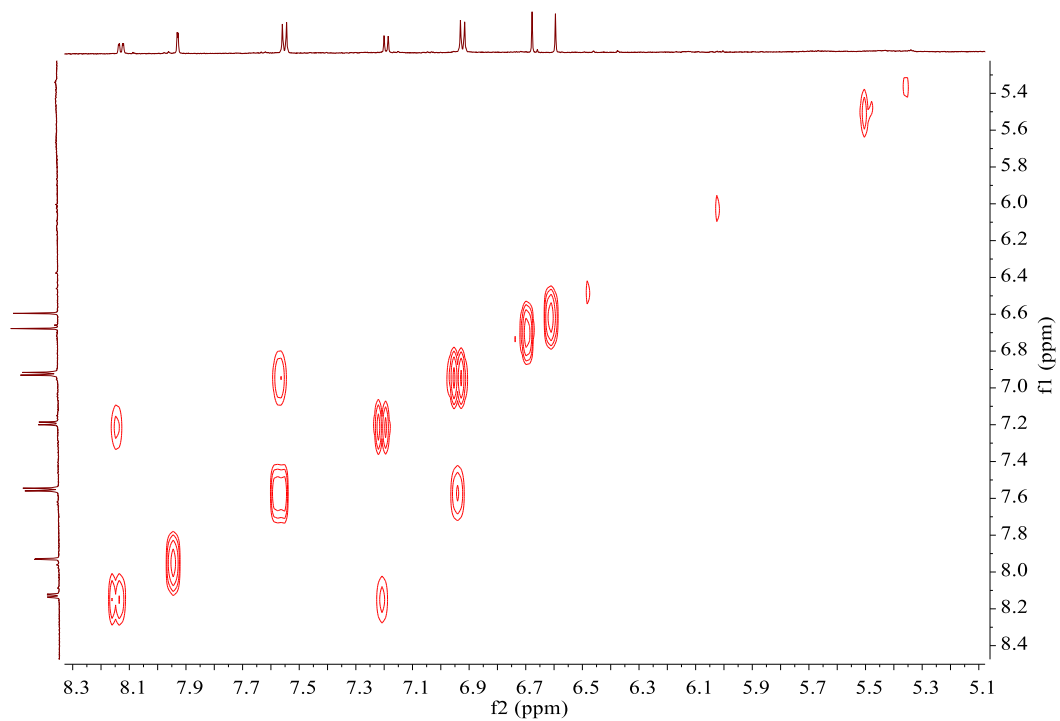
**Figure S4.**  $^{13}\text{C}$  NMR (150 MHz) spectrum of compound **1** in Methanol- $d_4$



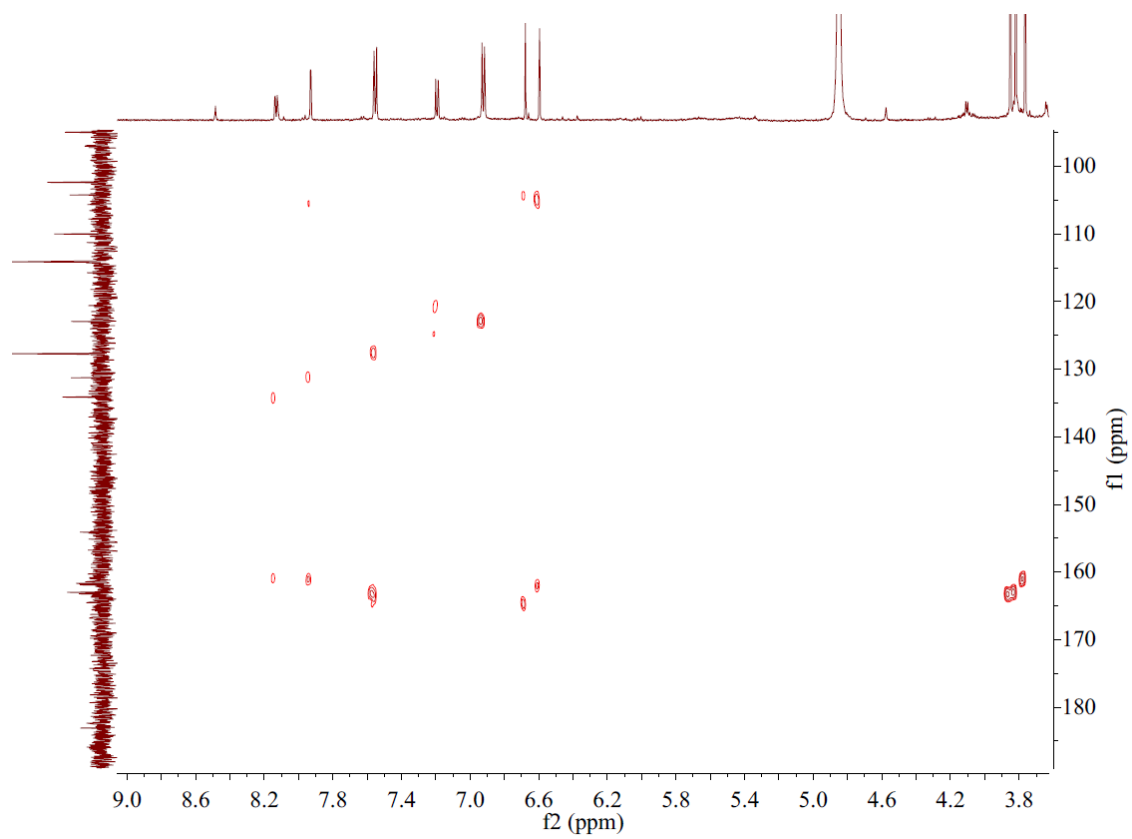
**Figure S5.** DEPT (150 MHz) spectrum of compound **1** in Methanol- $d_4$



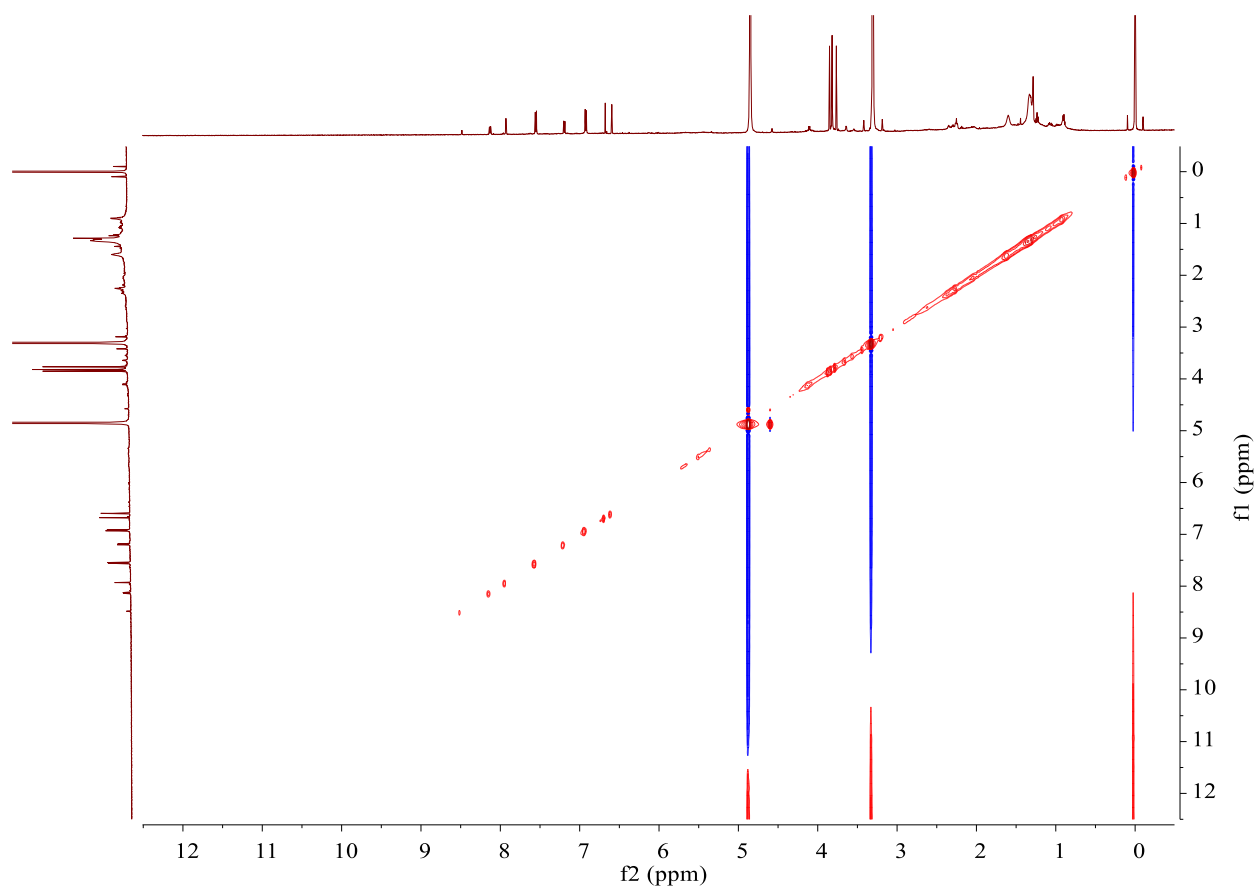
**Figure S6.** HSQC (600 MHz) spectrum of compound **1** in Methanol-*d*<sub>4</sub>



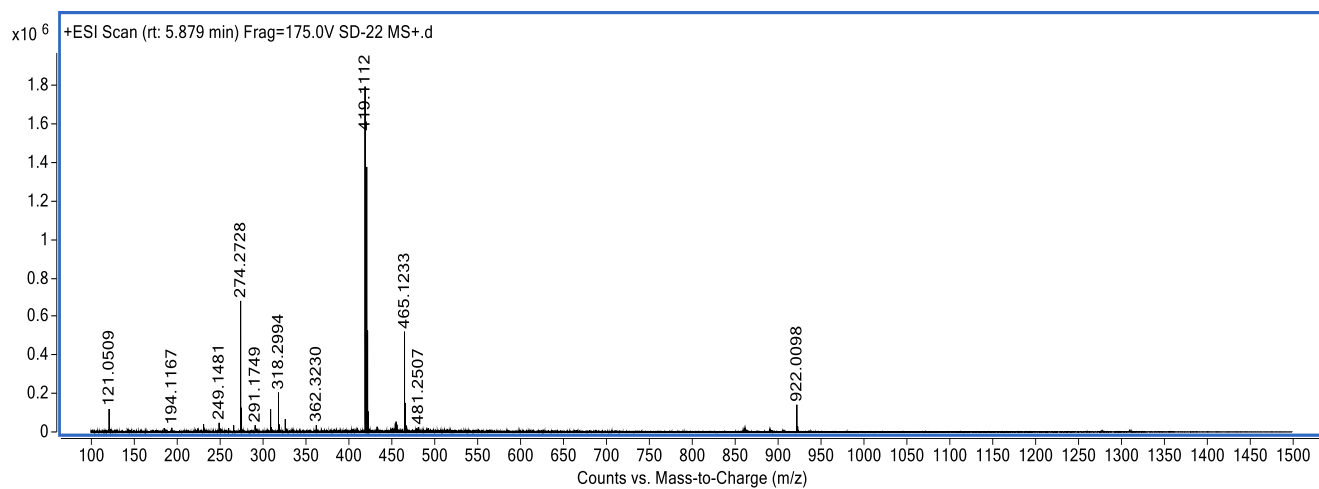
**Figure S7.** <sup>1</sup>H-<sup>1</sup>H COSY (600 MHz) spectrum of compound **1** in Methanol-*d*<sub>4</sub>



**Figure S8.** HMBC (600 MHz) spectrum of compound **1** in Methanol- $d_4$

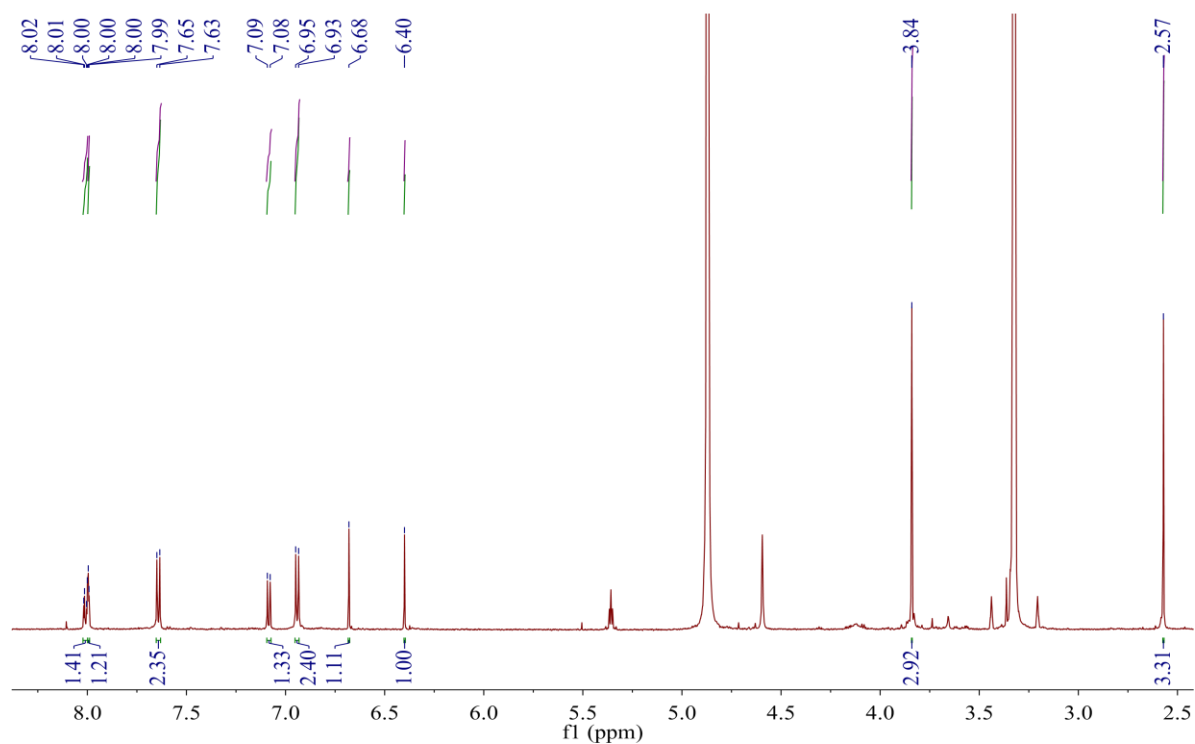


**Figure S9.** NOESY (600 MHz) spectrum of compound **1** in Methanol-*d*<sub>4</sub>

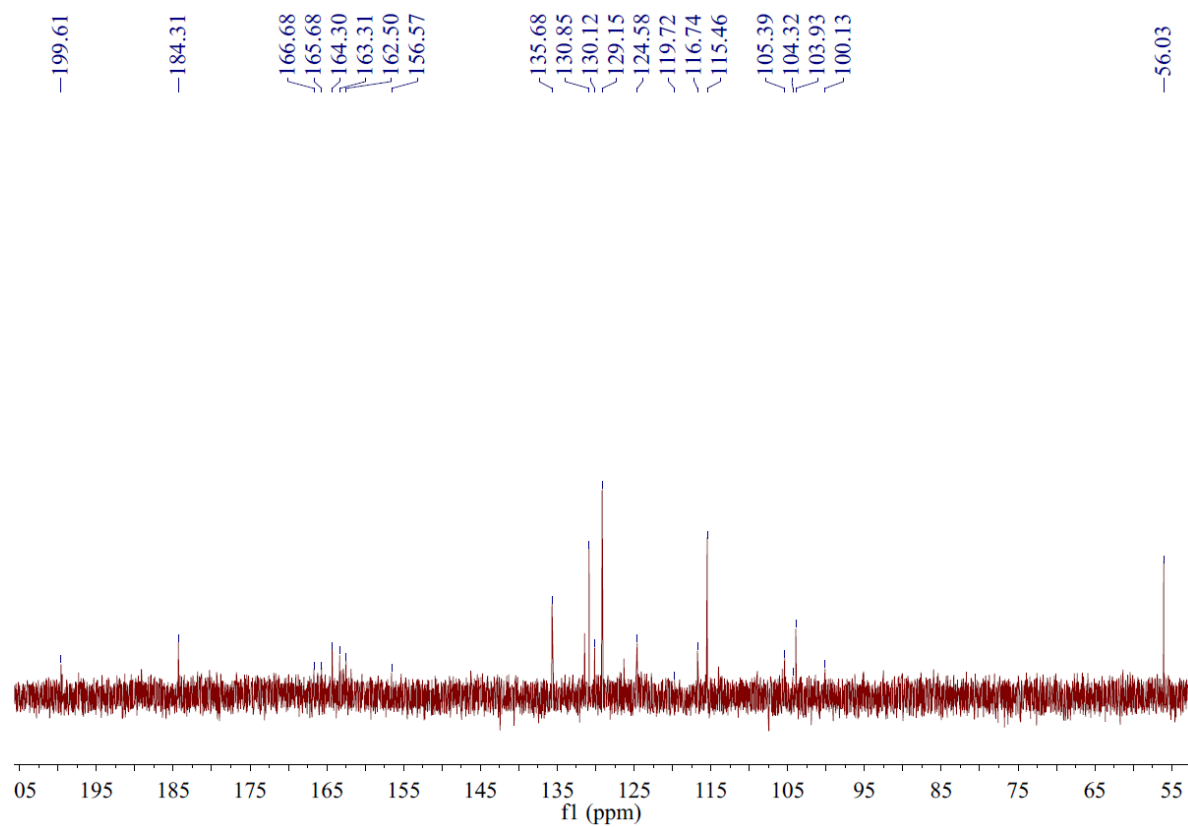


**Figure S10.** UPLC-QTOF-MS spectrum of compound **3**

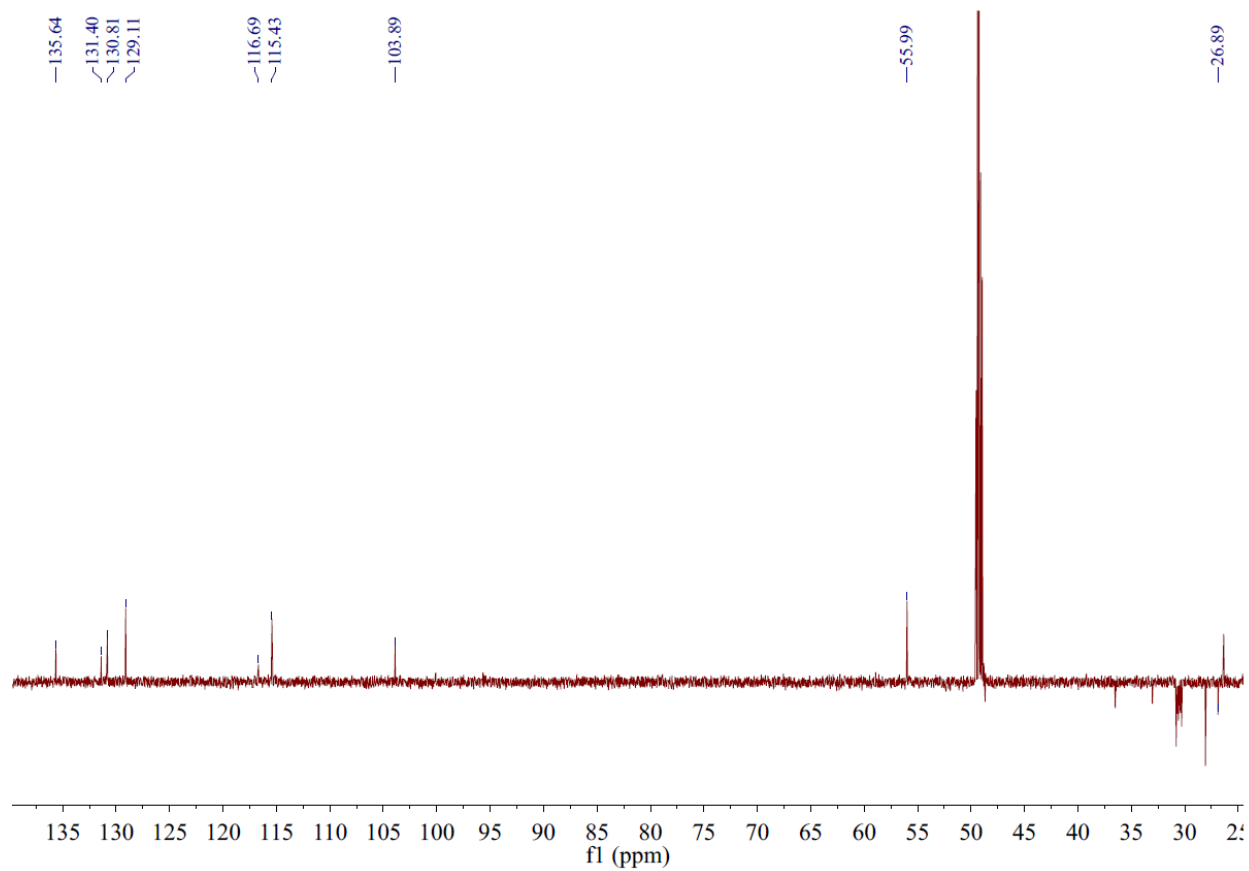




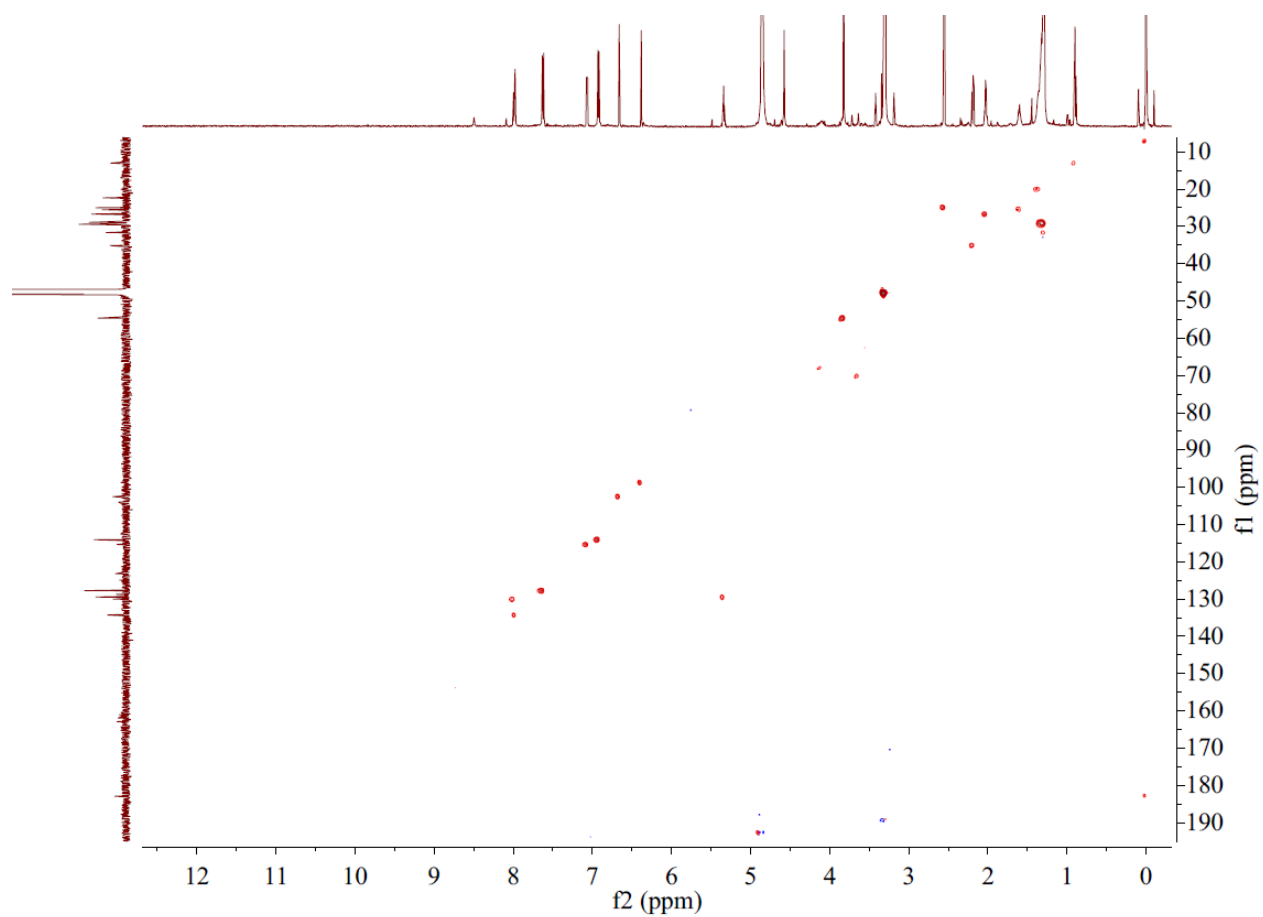
**Figure S11.**  $^1\text{H}$  NMR (600 MHz) spectrum of compound **3** in Methanol- $d_4$



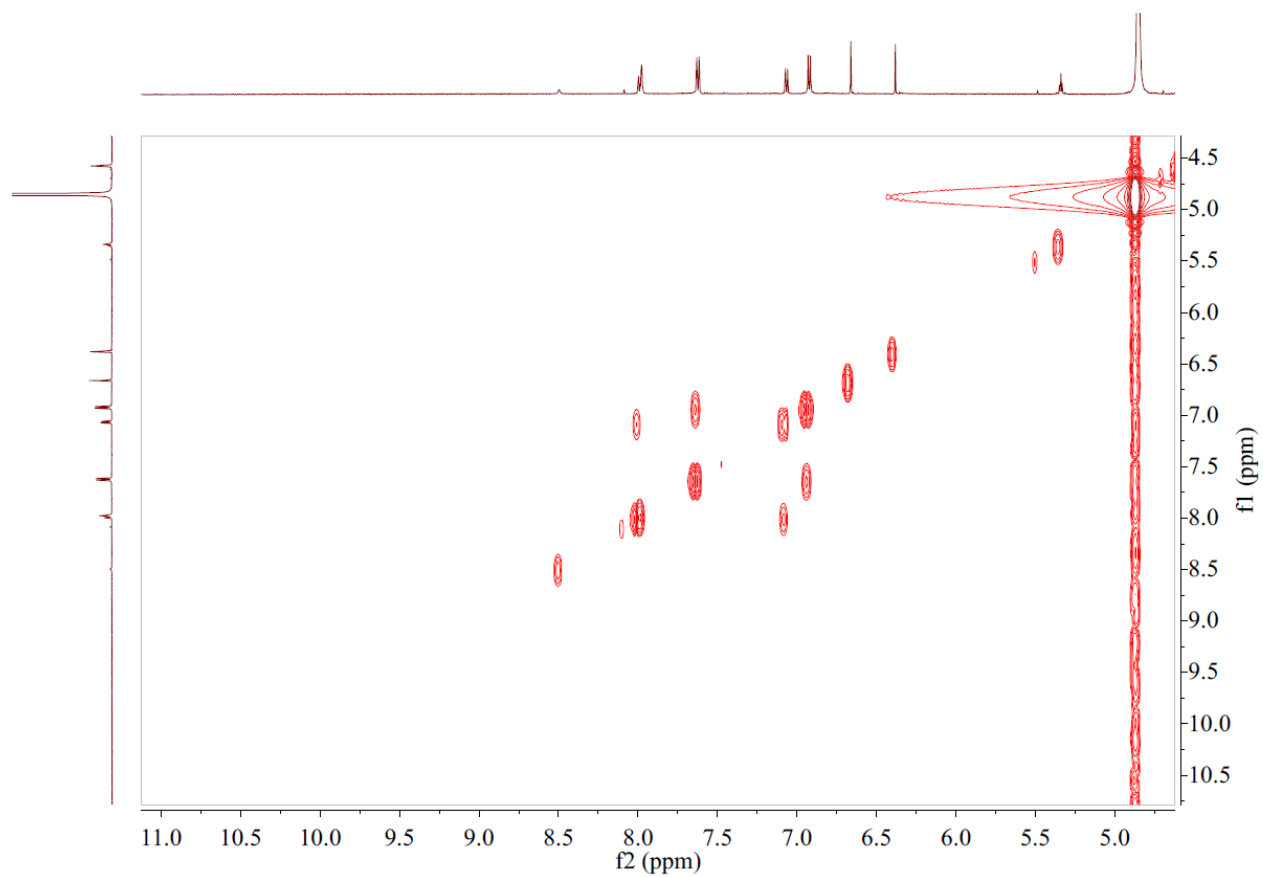
**Figure S12.**  $^{13}\text{C}$  NMR (150 MHz) spectrum of compound **3** in Methanol- $d_4$



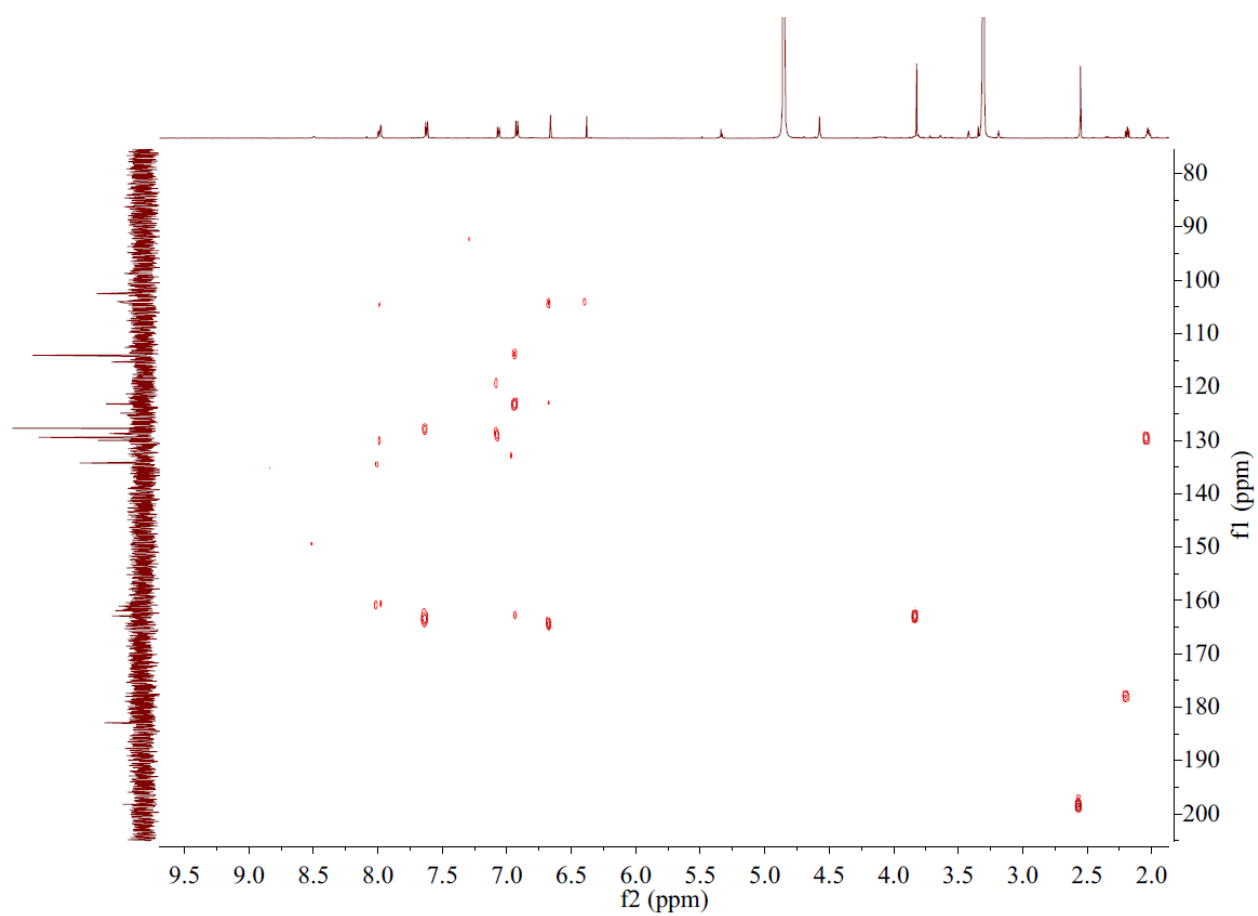
**Figure S13.** DEPT (150 MHz) spectrum of compound 3 in Methanol-*d*<sub>4</sub>



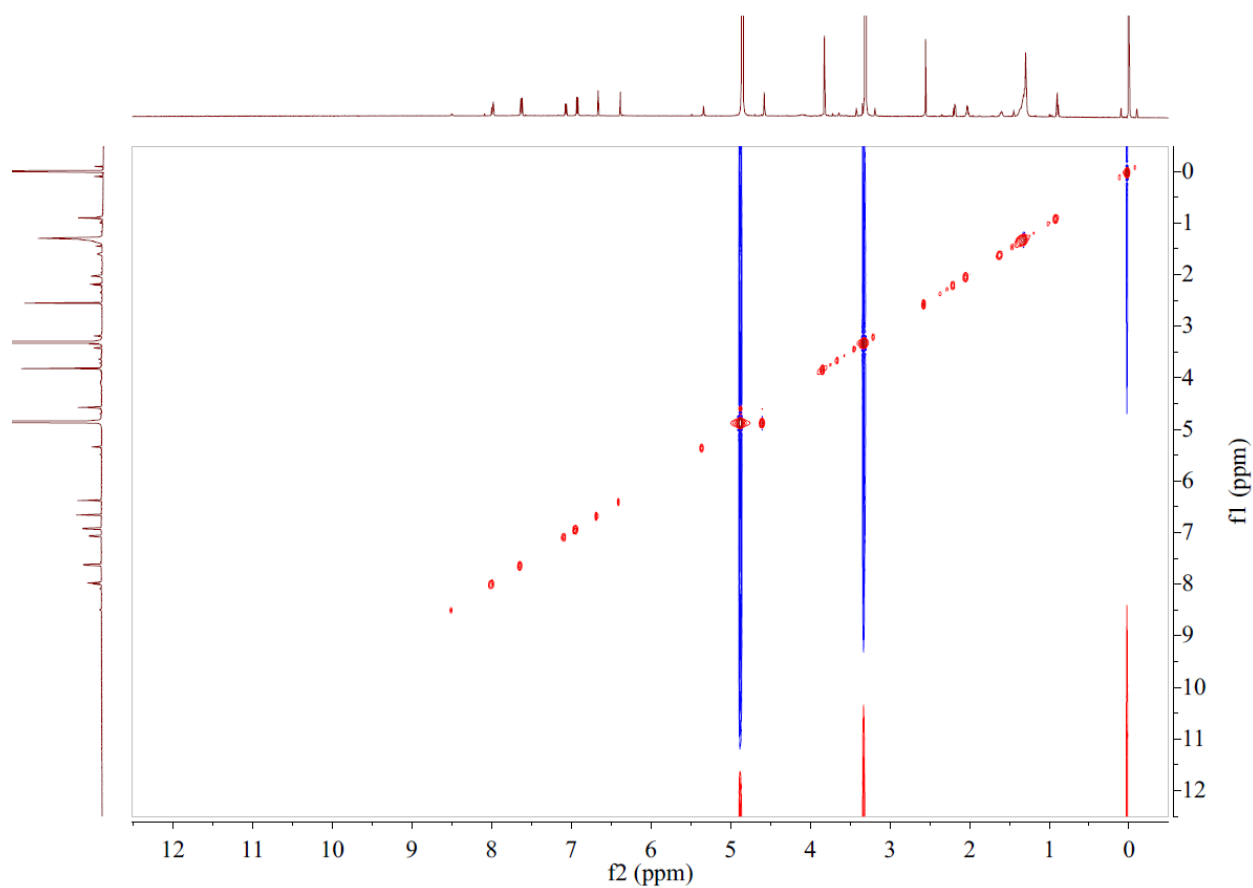
**Figure S14.** HSQC (600 MHz) spectrum of compound **3** in Methanol-*d*<sub>4</sub>



**Figure S15.**  $^1\text{H}$ - $^1\text{H}$  COSY (600 MHz) spectrum of compound **3** in Methanol- $d_4$



**Figure S16.** HMBC (600 MHz) spectrum of compound **3** in Methanol-*d*<sub>4</sub>



**Figure S17.** NOESY (600 MHz) spectrum of compound **3** in Methanol-*d*<sub>4</sub>