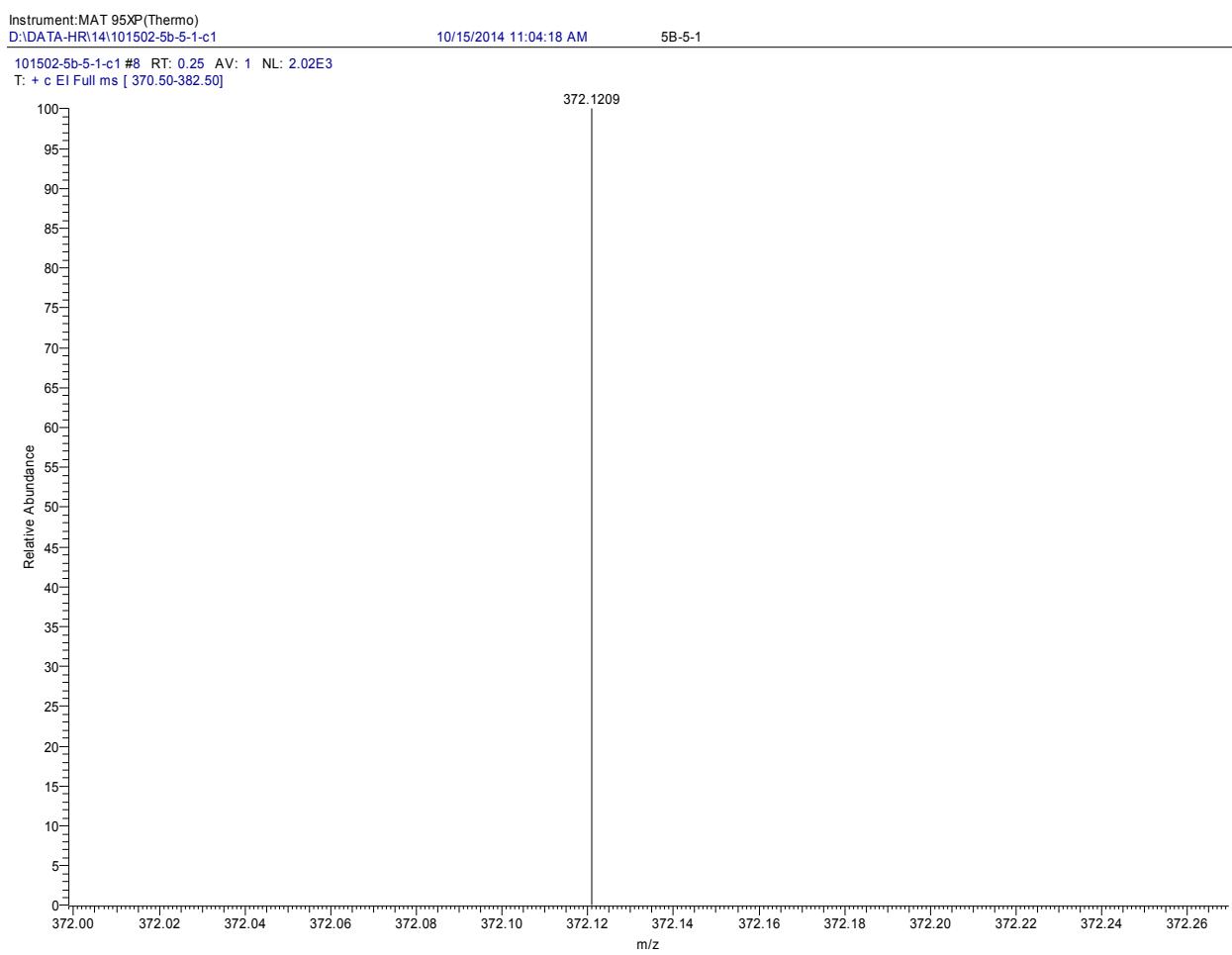
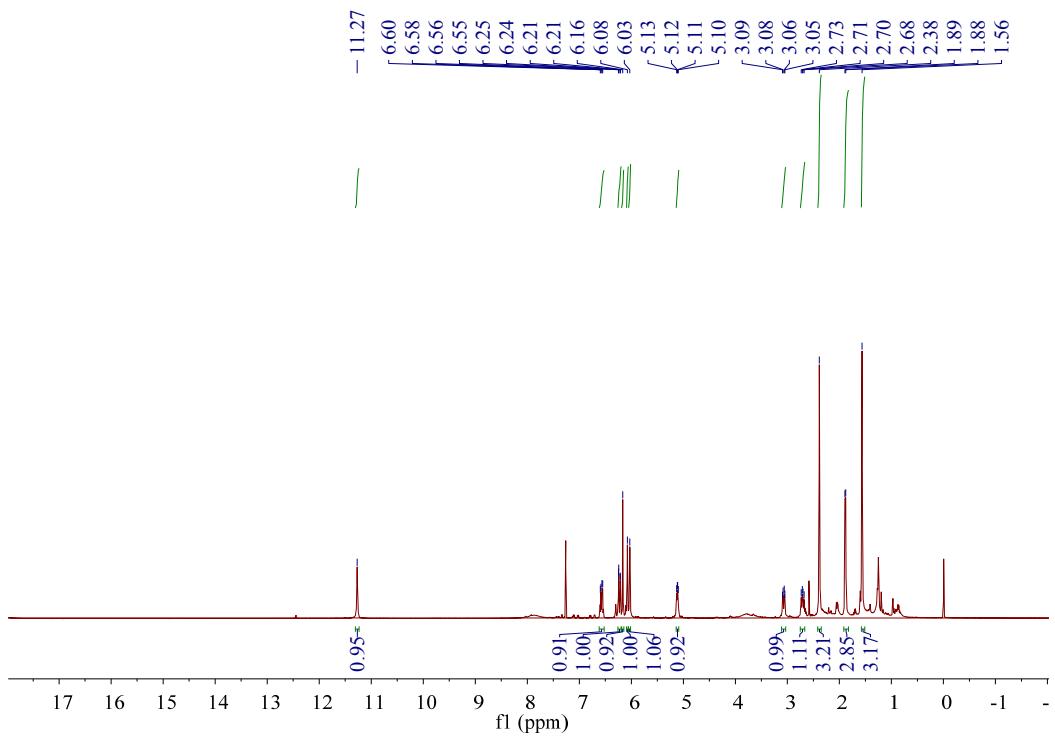


# Supplementary Information

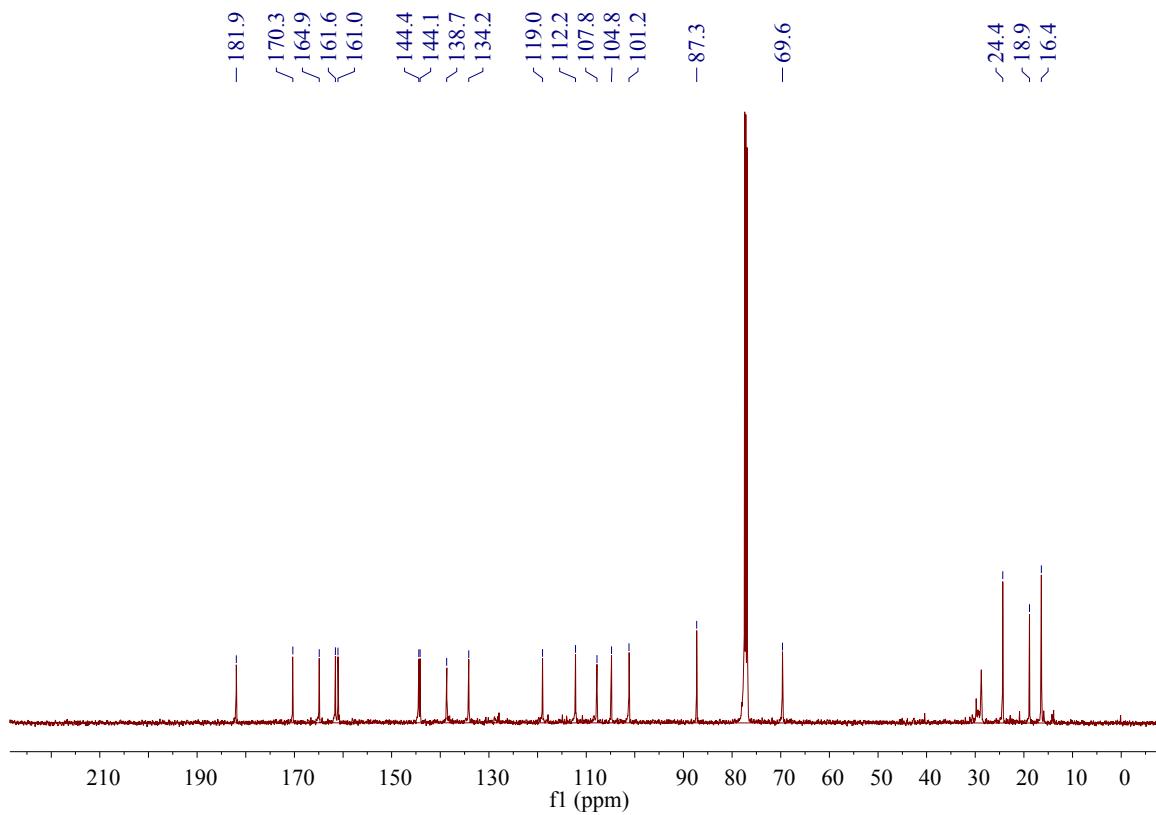
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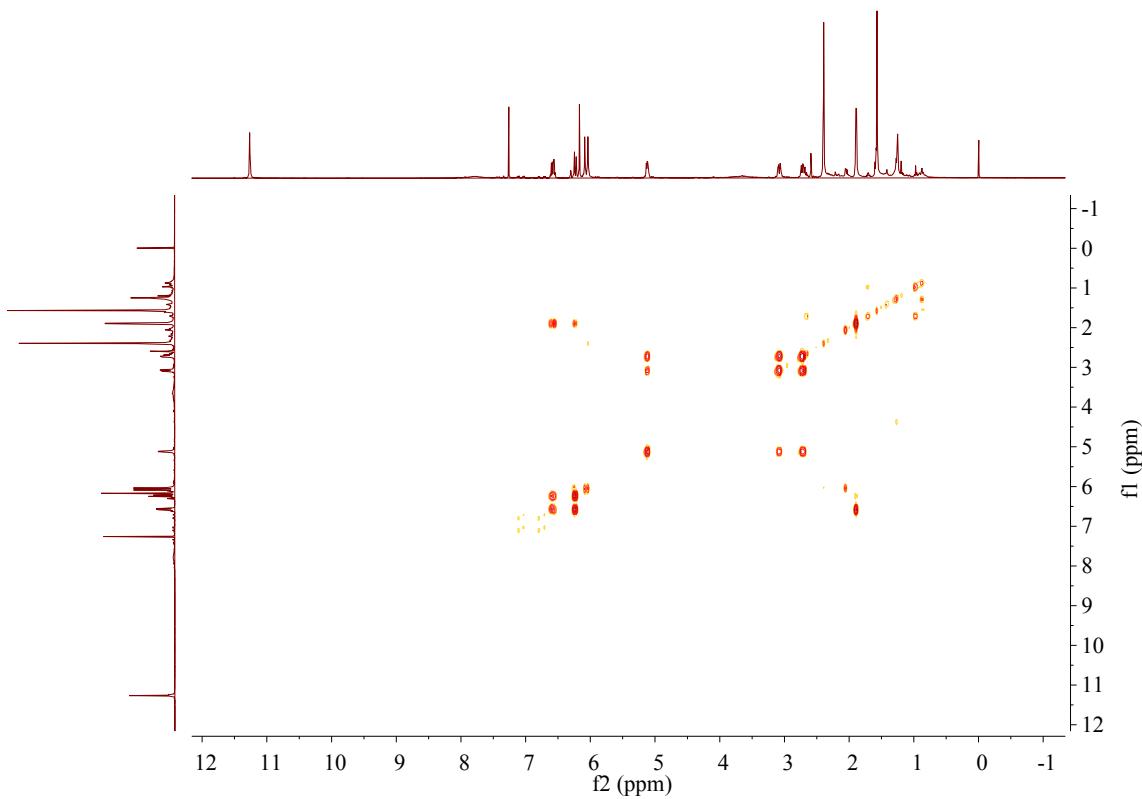
**Figure S1.** HREIMS spectrum of Compound 1.



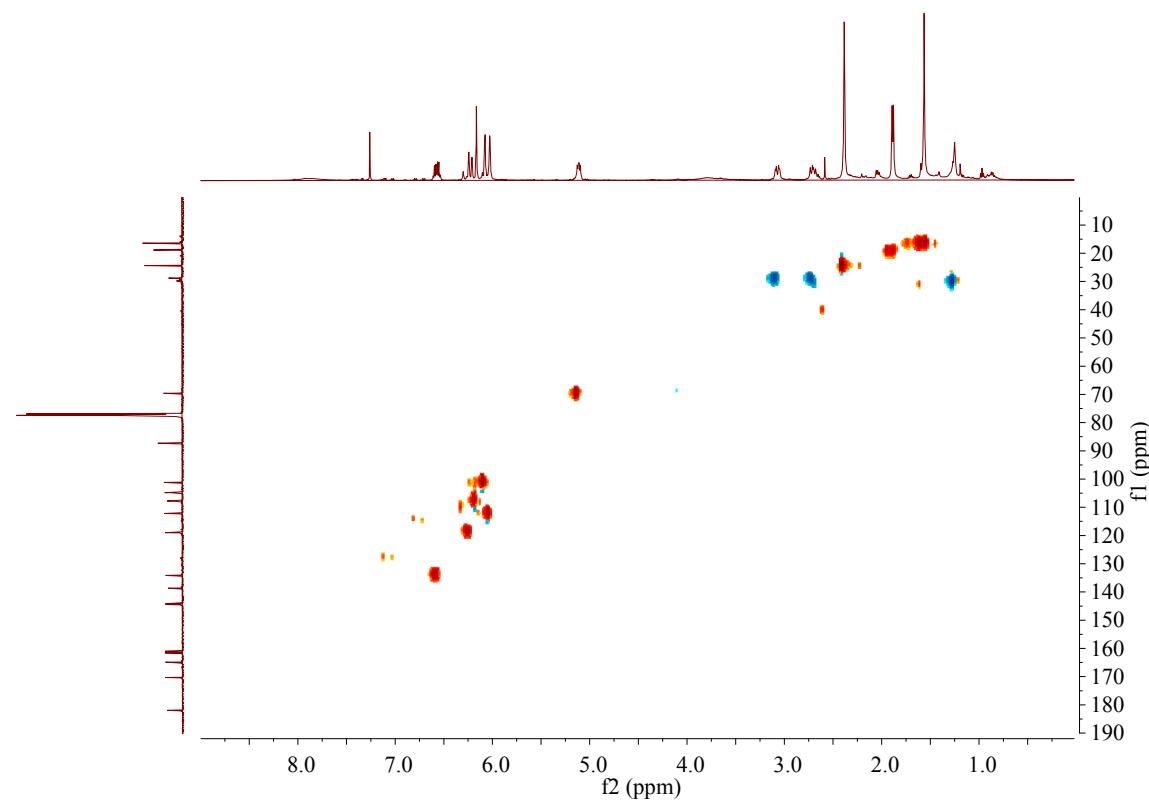
**Figure S2.**  $^1\text{H}$  NMR (500 MHz,  $\text{CDCl}_3$ ) spectrum of Compound 1.



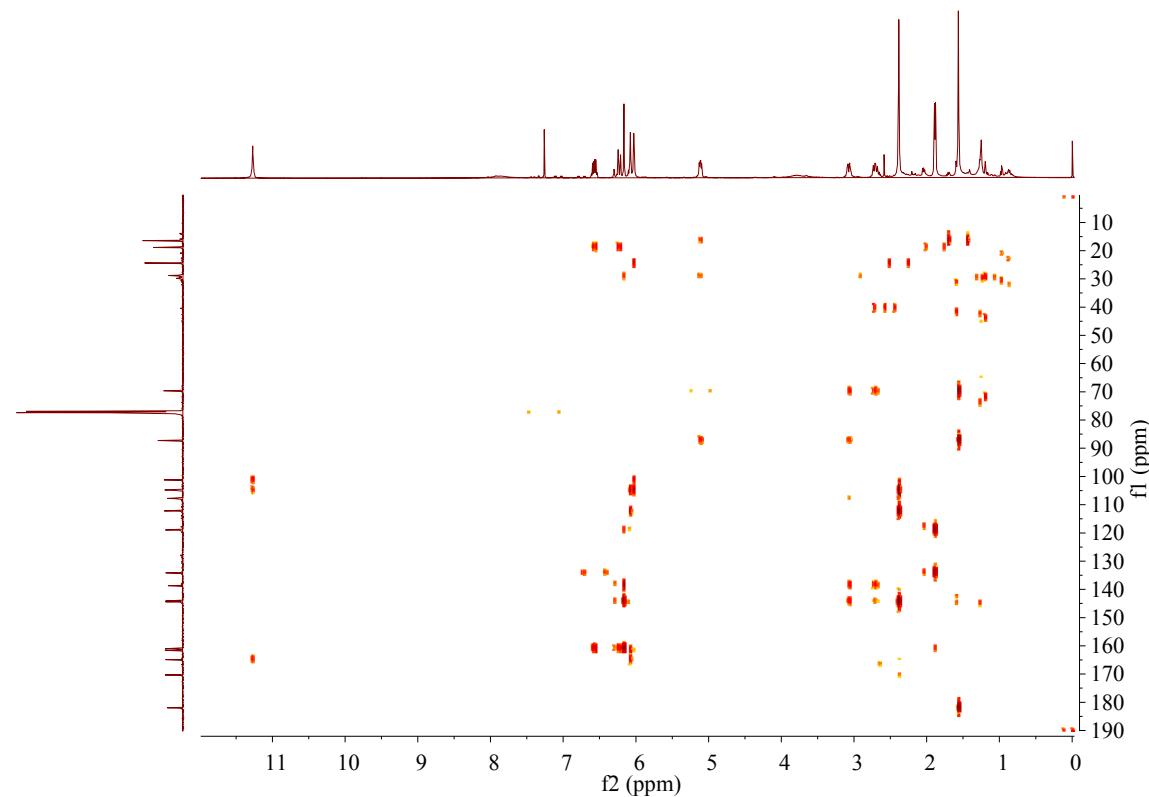
**Figure S3.** <sup>13</sup>C NMR (125 MHz, CDCl<sub>3</sub>) spectrum of Compound 1.



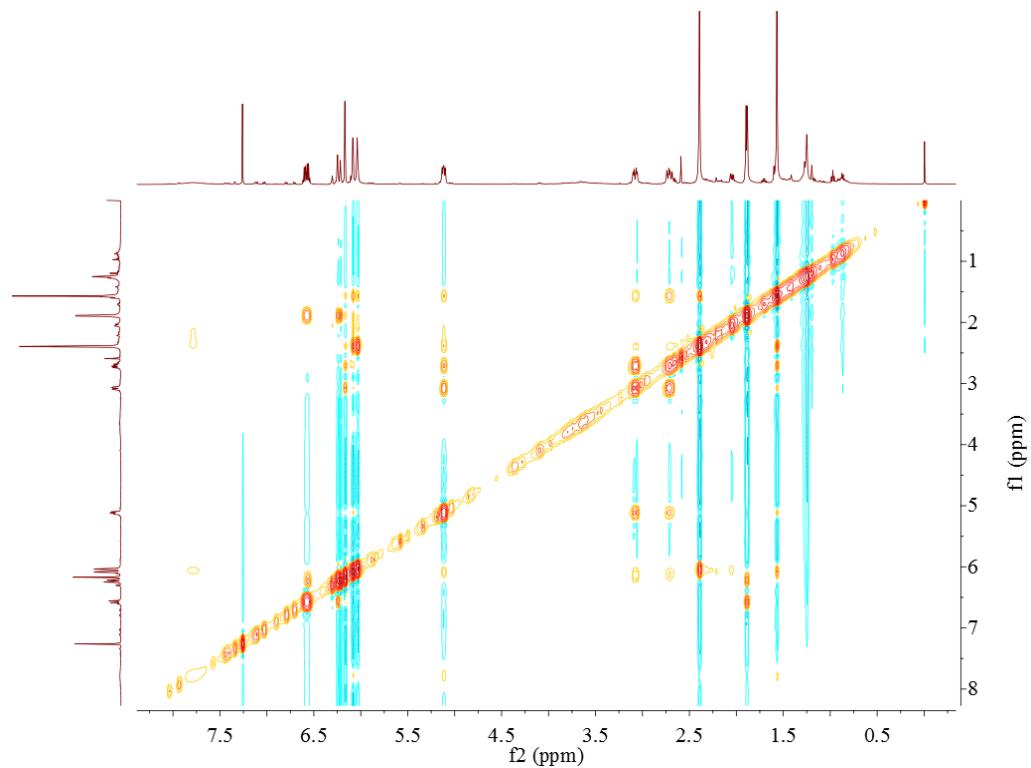
**Figure S4.** <sup>1</sup>H-<sup>1</sup>H COSY spectrum of Compound 1.



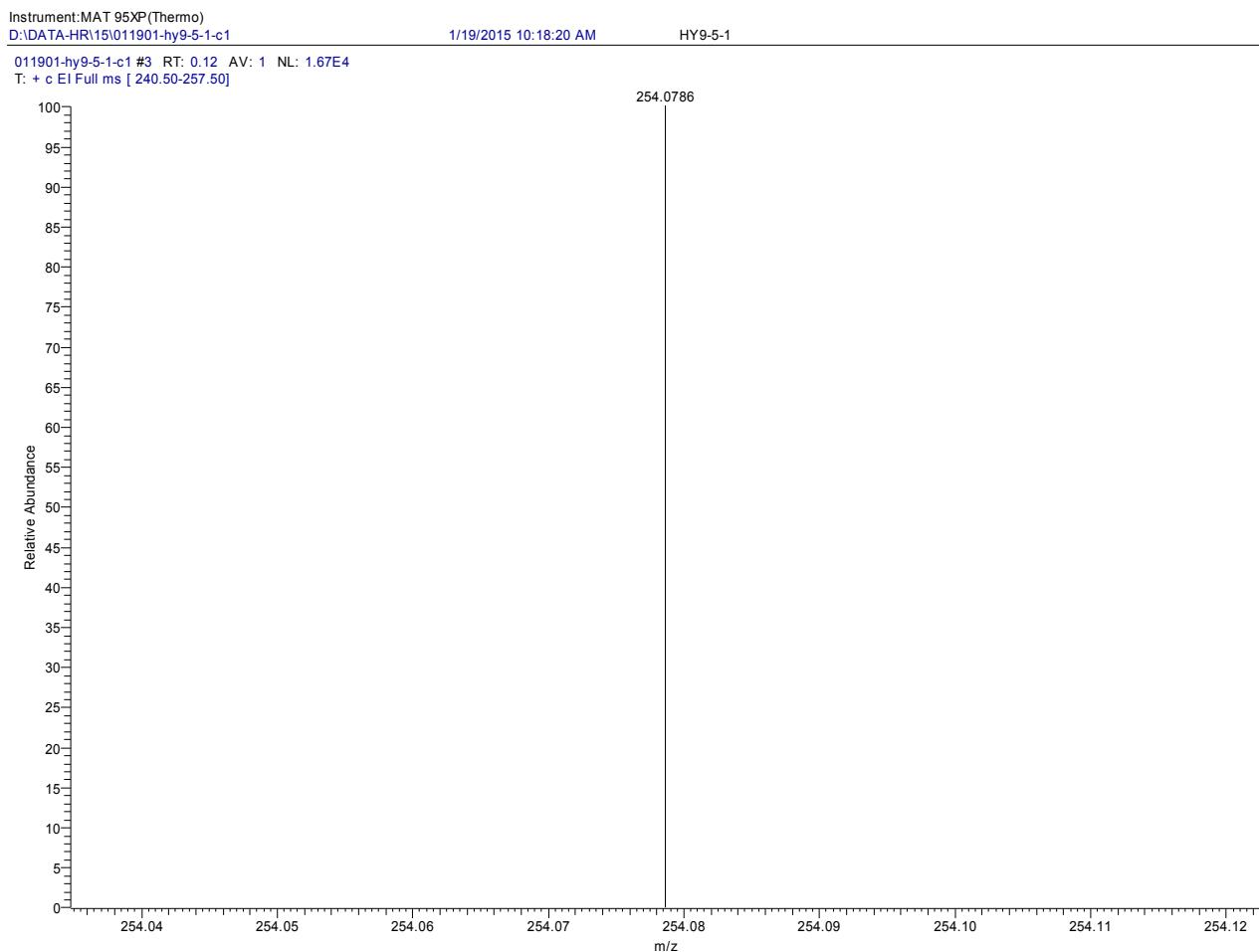
**Figure S5.** HSQC spectrum of Compound 1.



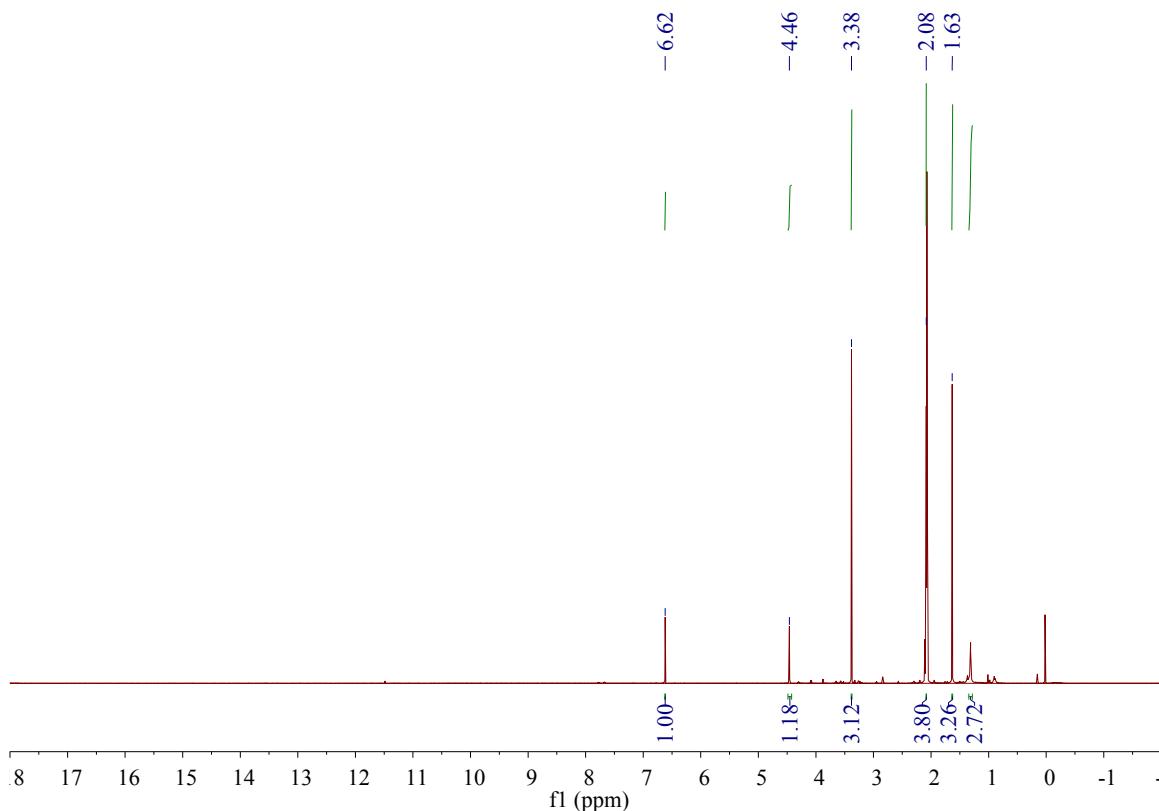
**Figure S6.** HMBC spectrum of Compound 1.



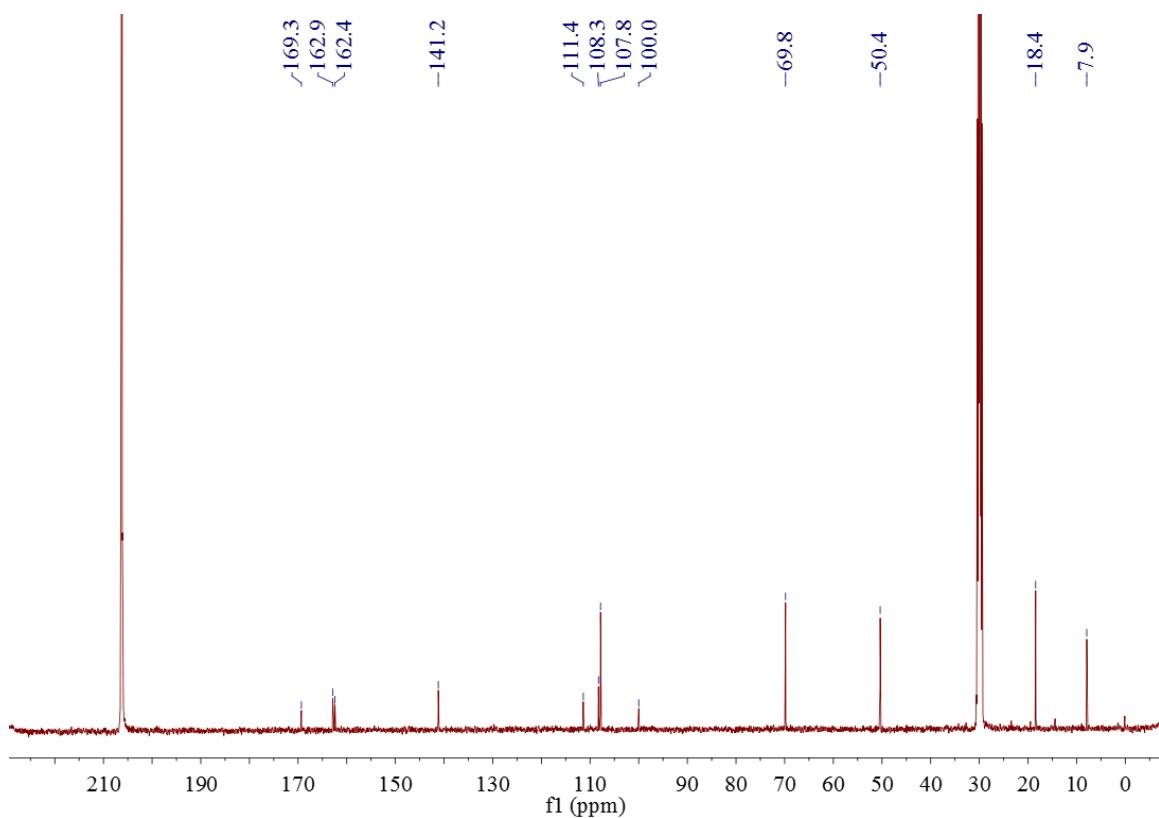
**Figure S7.** NOESY spectrum of Compound 1.



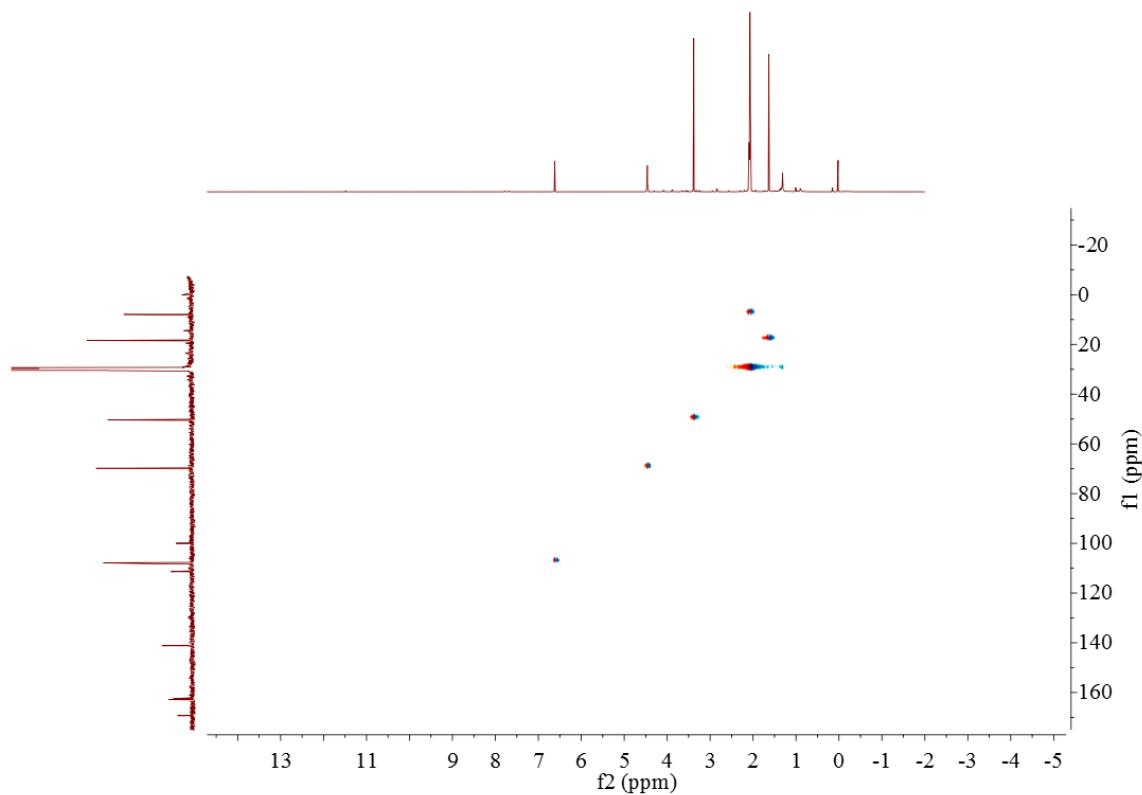
**Figure S8.** HREIMS spectrum of Compound 2.



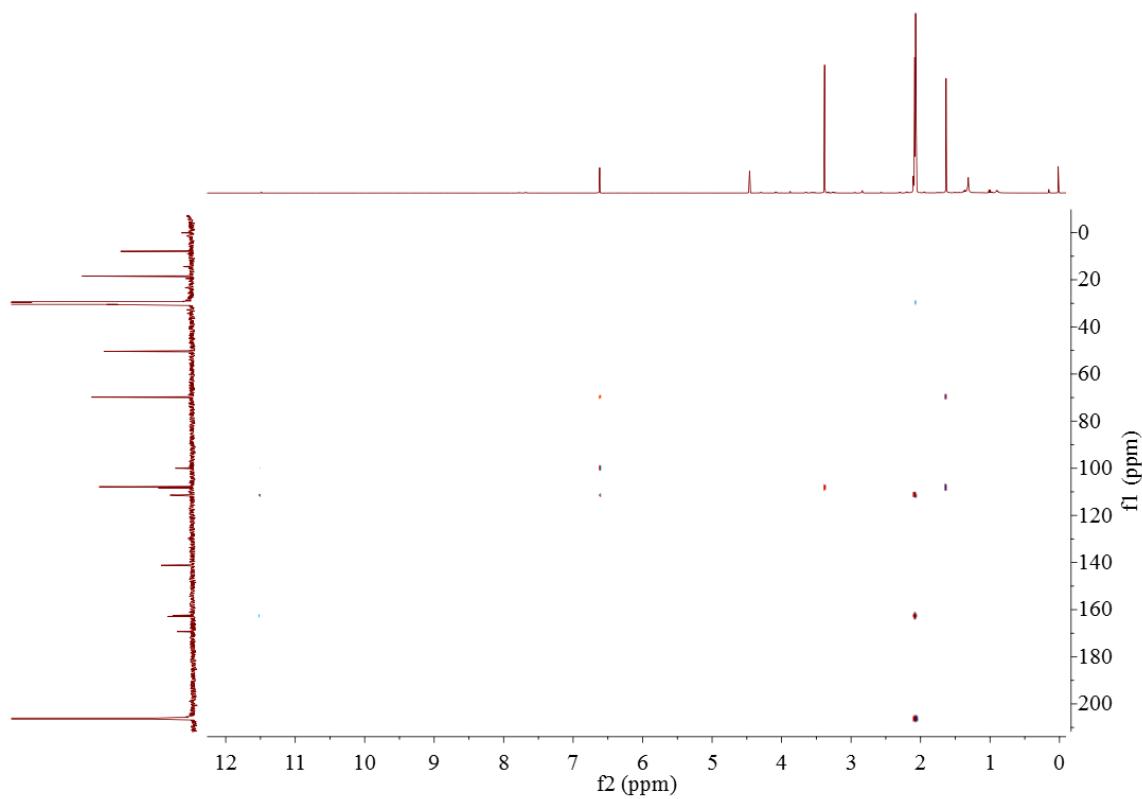
**Figure S9.** <sup>1</sup>H NMR (500 MHz, acetone-*d*<sub>6</sub>) spectrum of Compound 2.



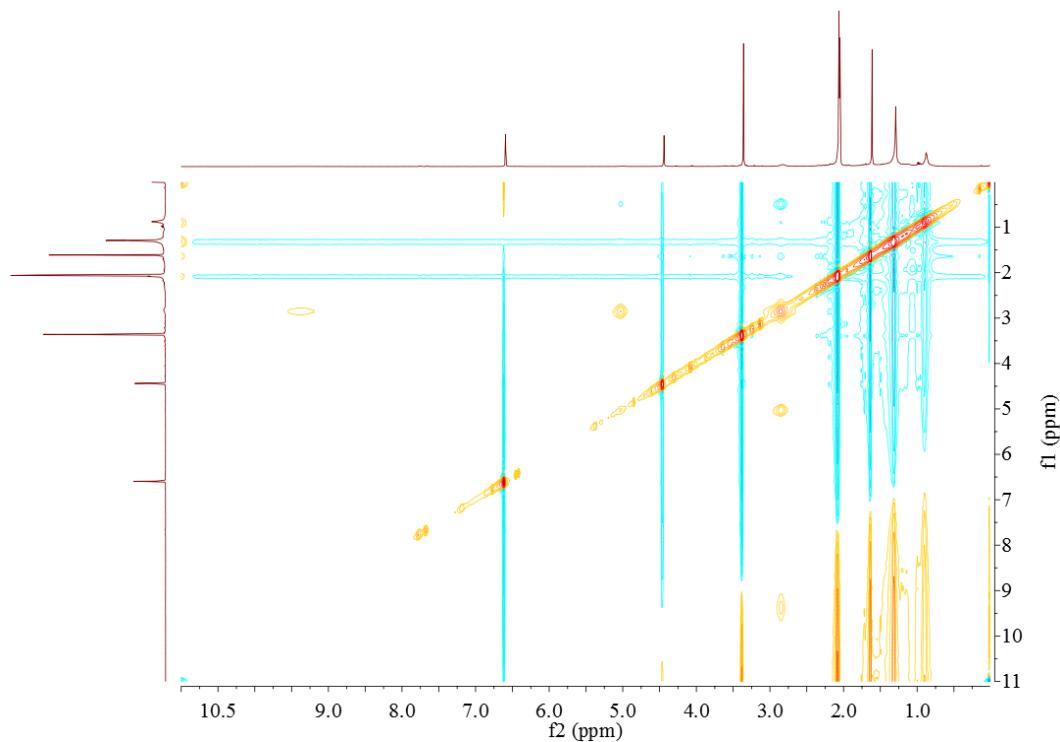
**Figure S10.** <sup>13</sup>C NMR (125 MHz, acetone-*d*<sub>6</sub>) spectrum of Compound 2.



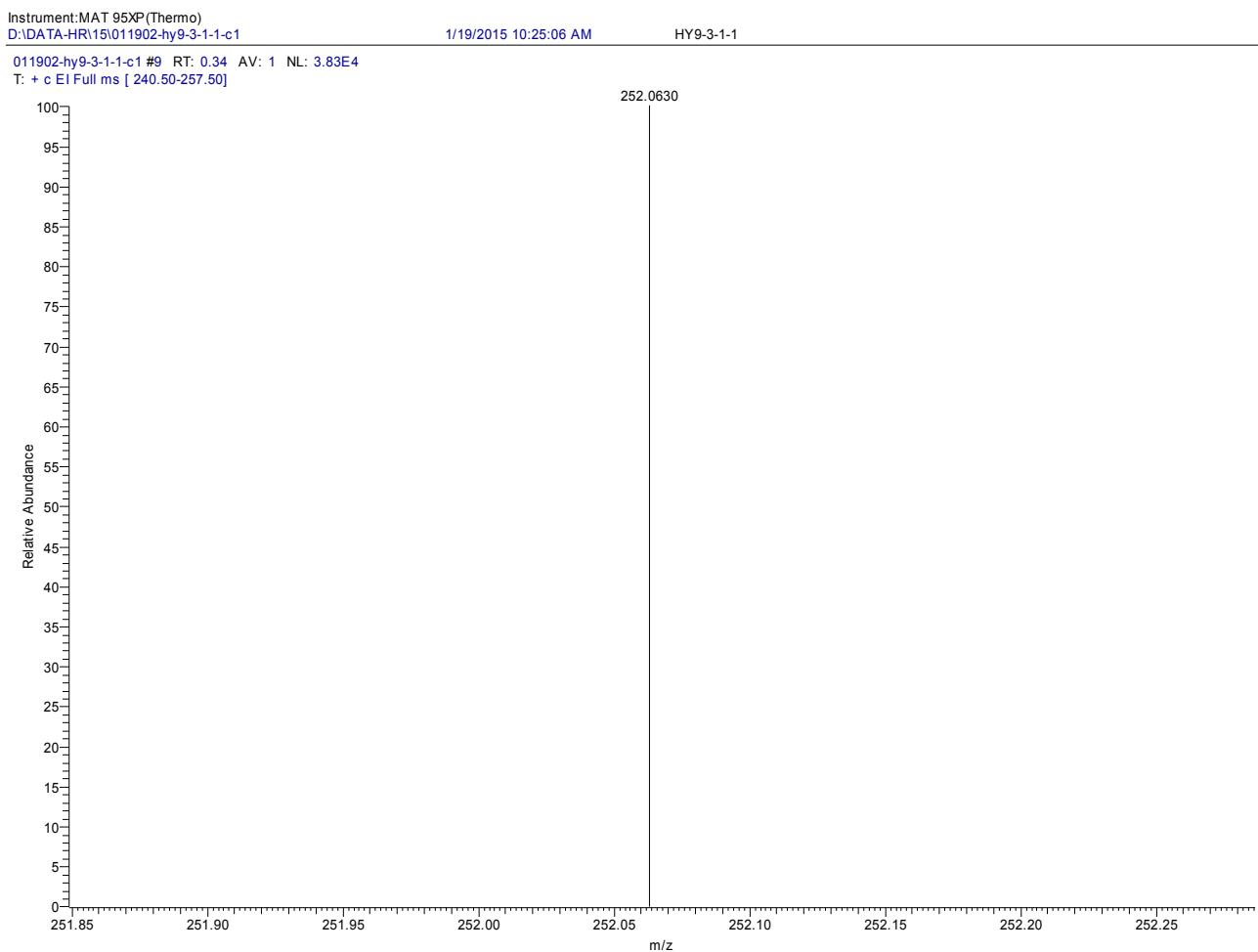
**Figure S11.** HSQC spectrum of Compound 2.



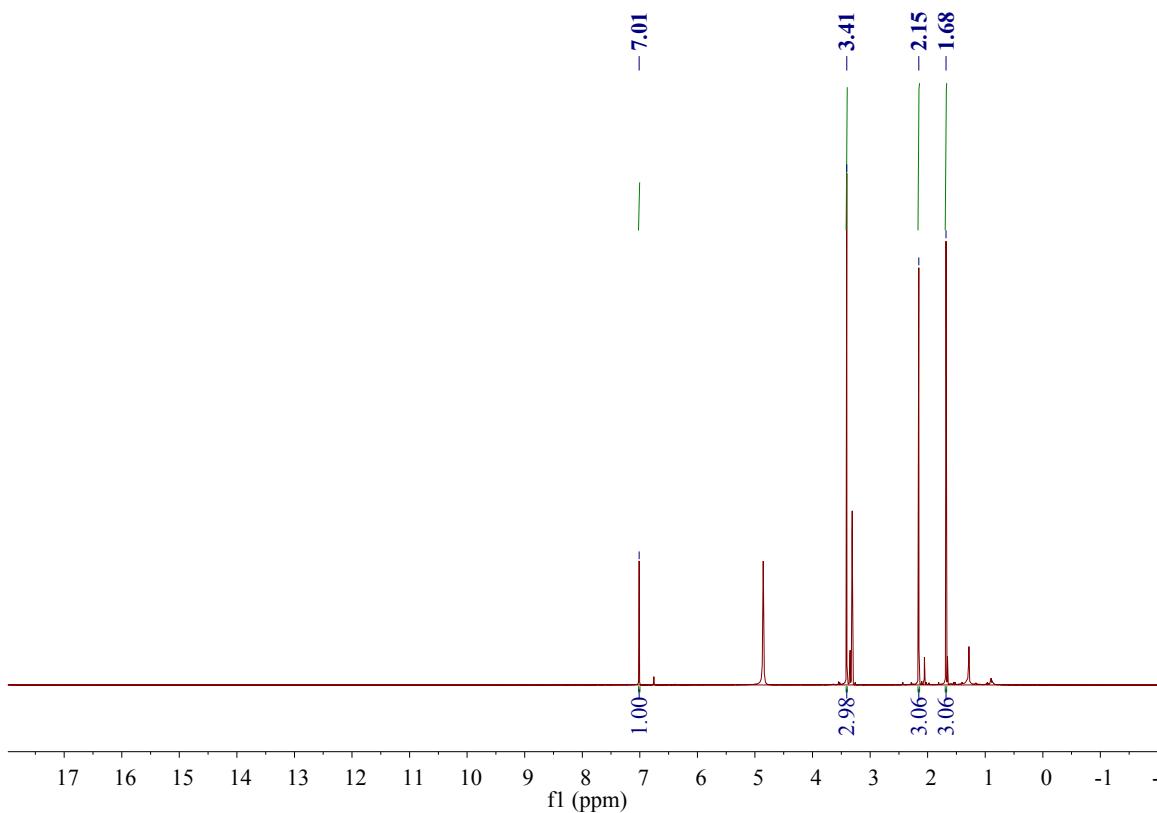
**Figure S12.** HMBC spectrum of Compound 2.



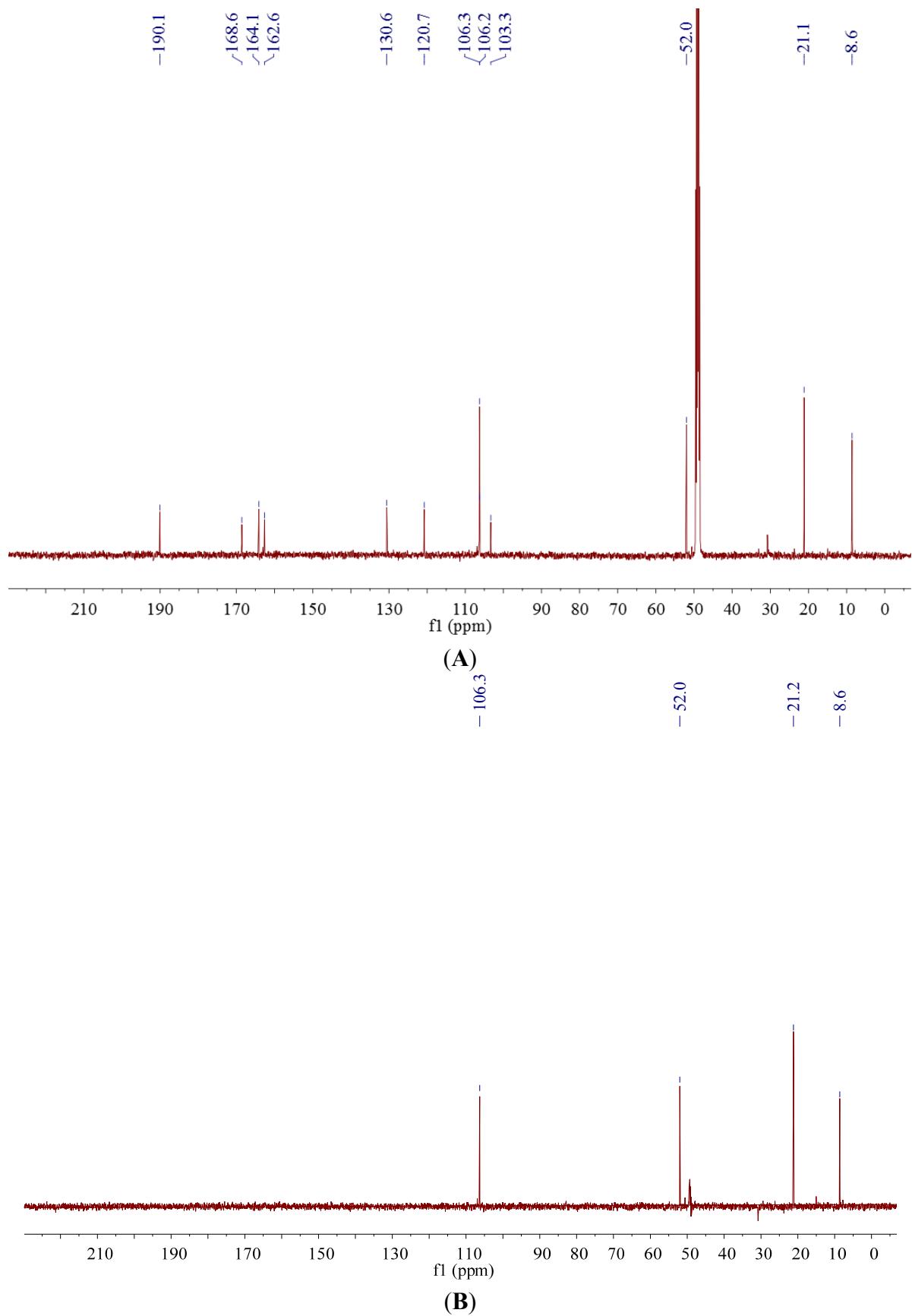
**Figure S13.** NOESY spectrum of Compound 2.



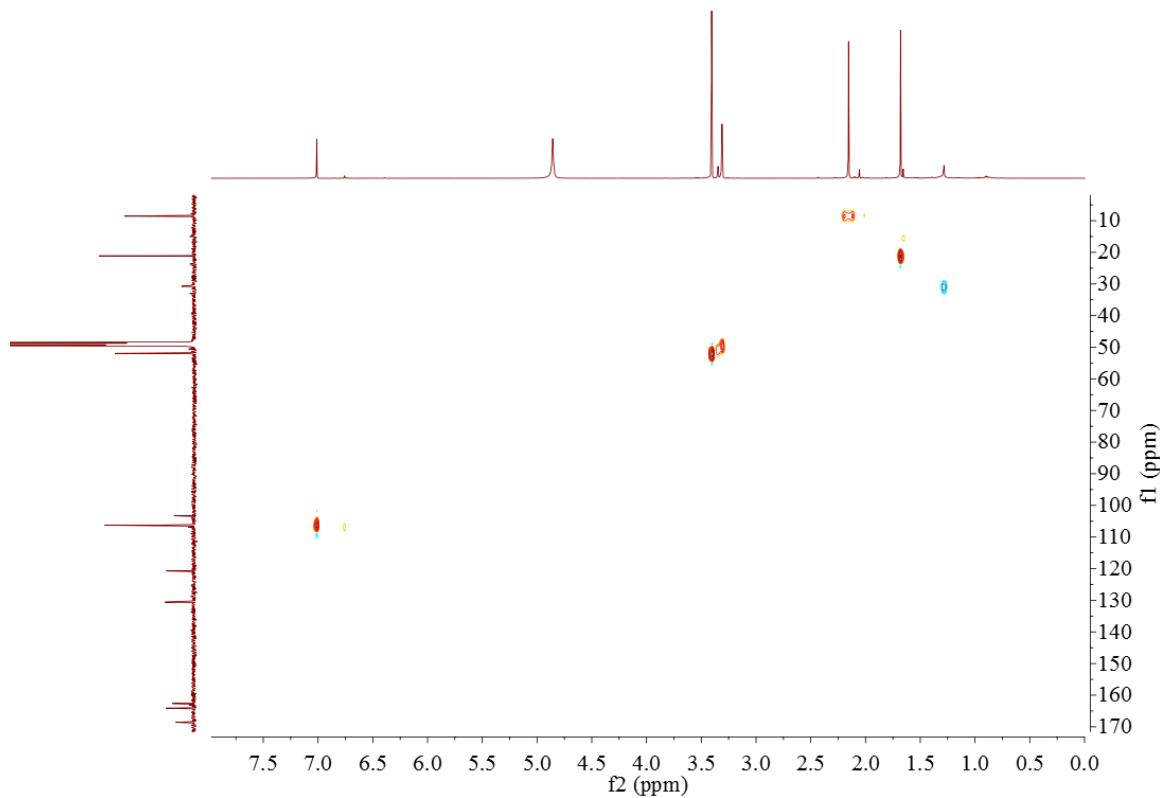
**Figure S14.** HREIMS spectrum of Compound 3.



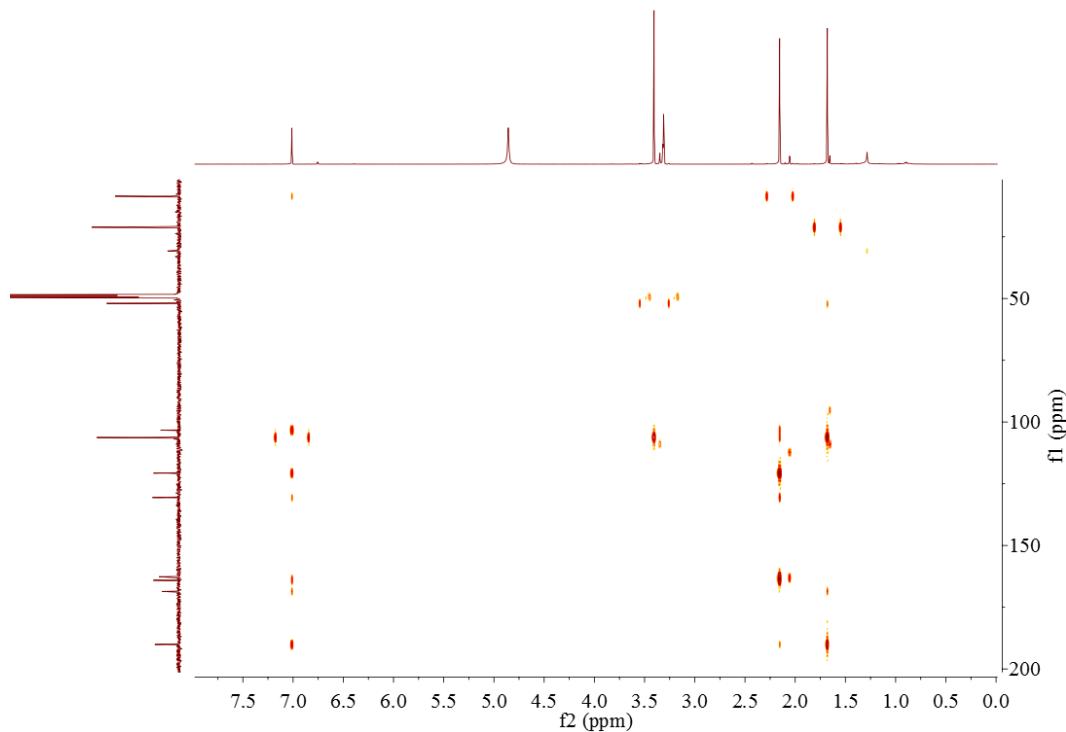
**Figure S15.**  ${}^1\text{H}$  NMR (500 MHz, Methanol- $d_4$ ) spectrum of Compound 3.



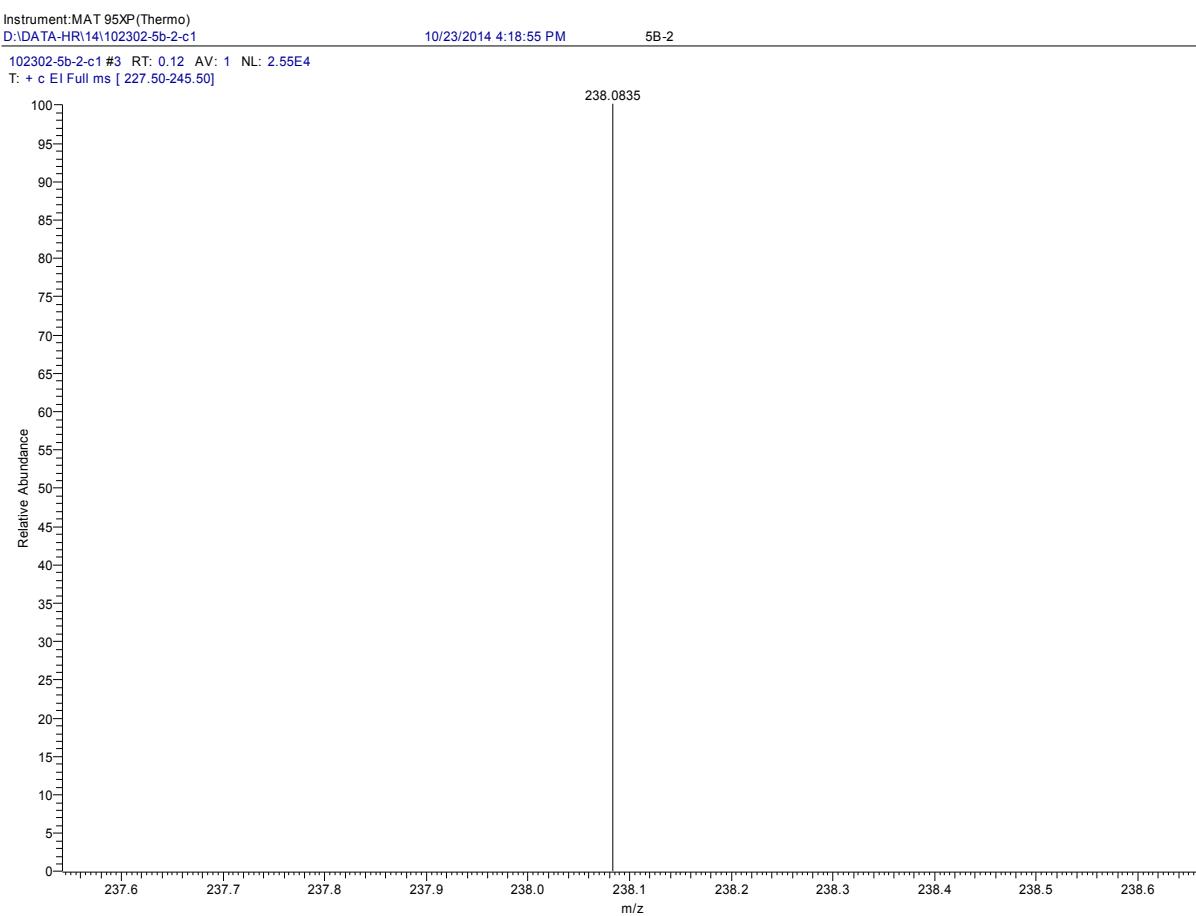
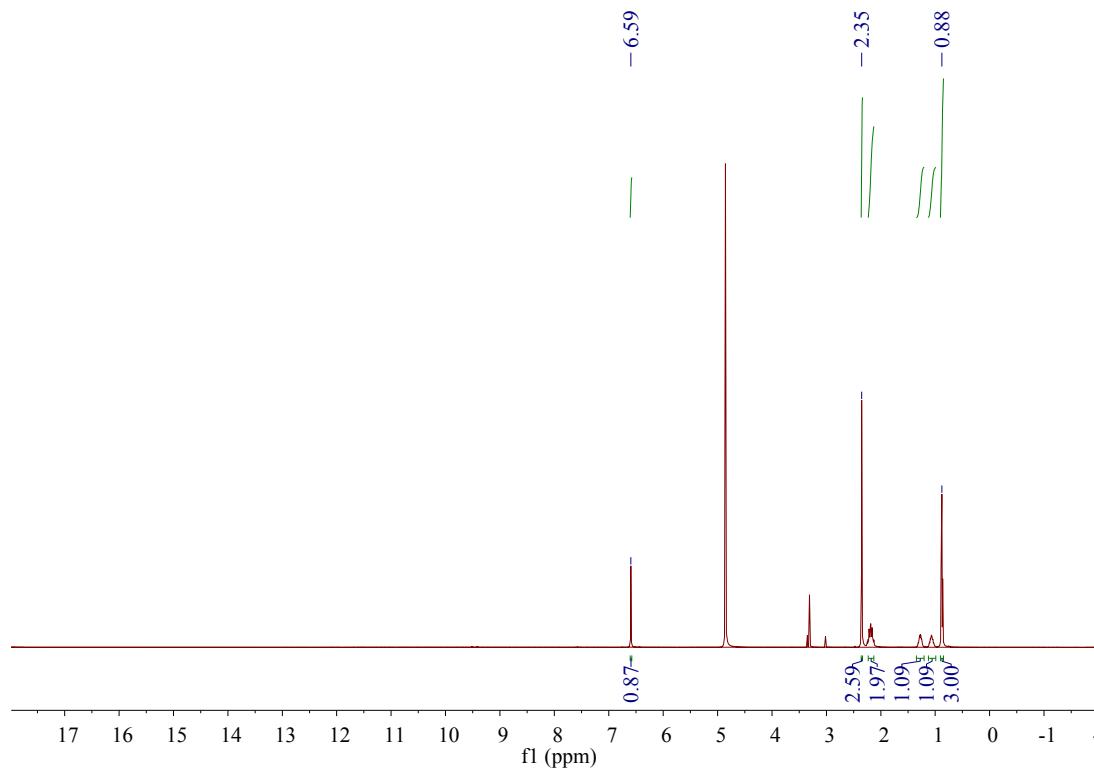
**Figure S16.** <sup>13</sup>C NMR (125 MHz, Methanol-*d*4) (A) and DEPT spectra of Compound 3 (B).

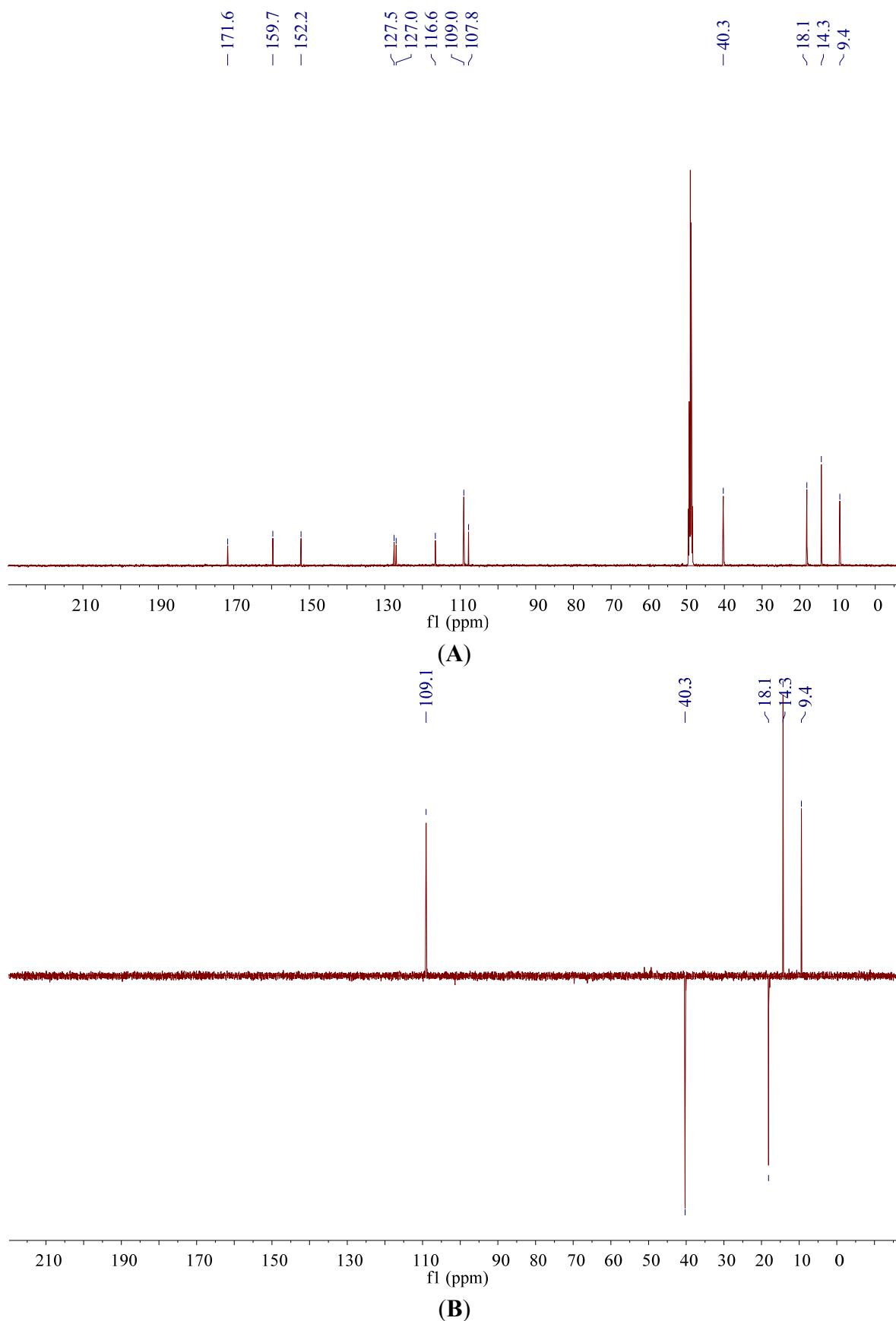


**Figure S17.** HSQC spectrum of Compound 3.

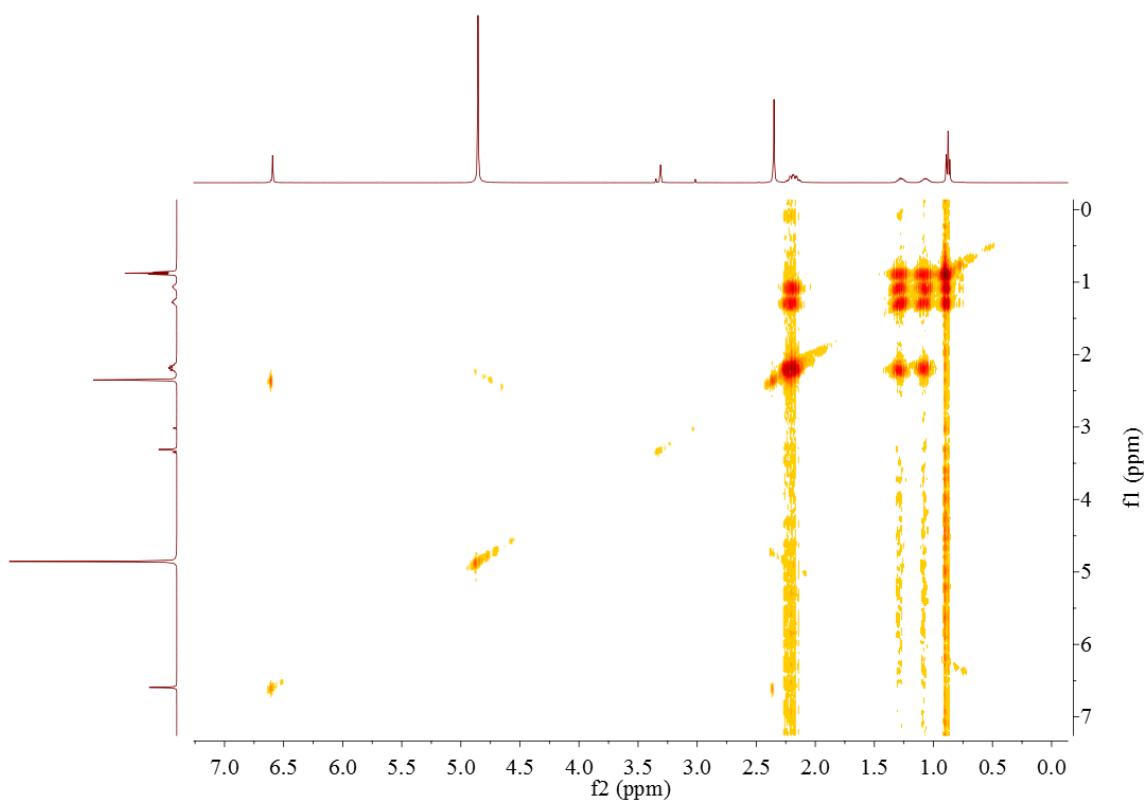


**Figure S18.** HMBC spectrum of Compound 3.

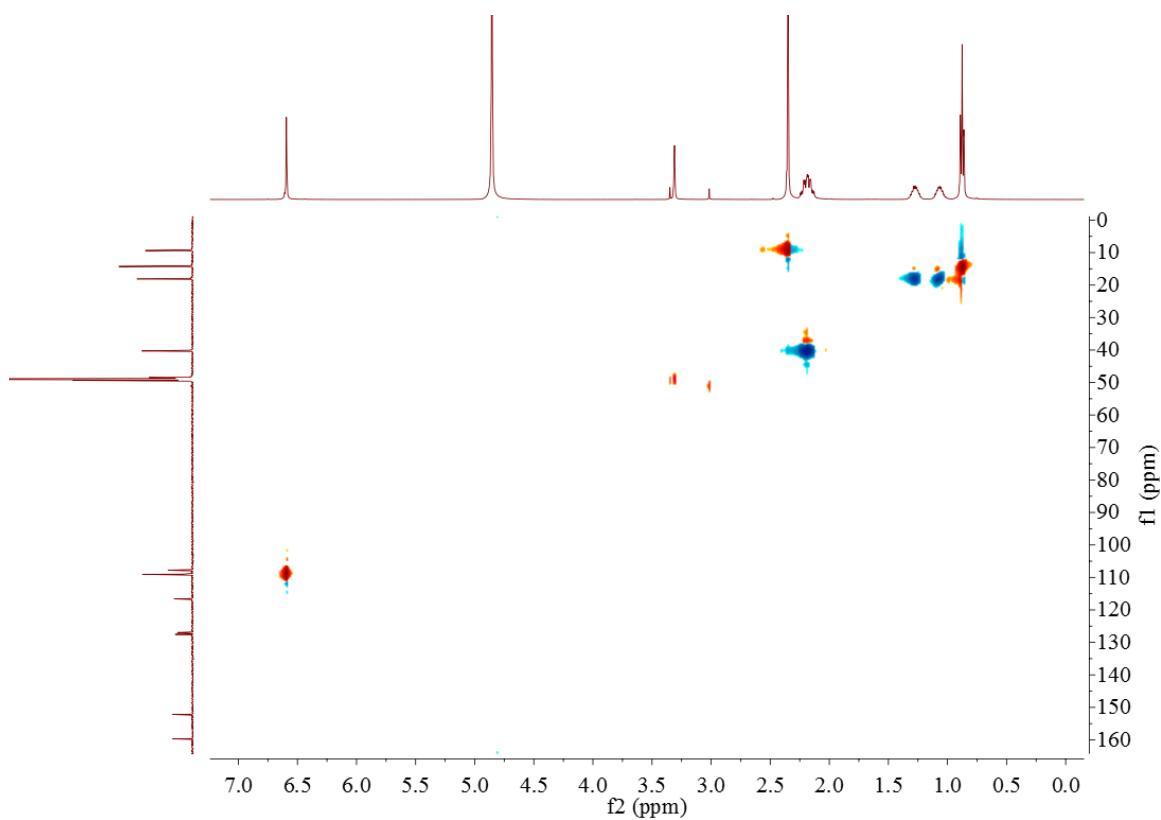
**Figure S19.** HREIMS spectrum of Compound 4.**Figure S20.**  $^1\text{H}$  NMR (500 MHz, Methanol- $d_4$ ) spectrum of Compound 4.



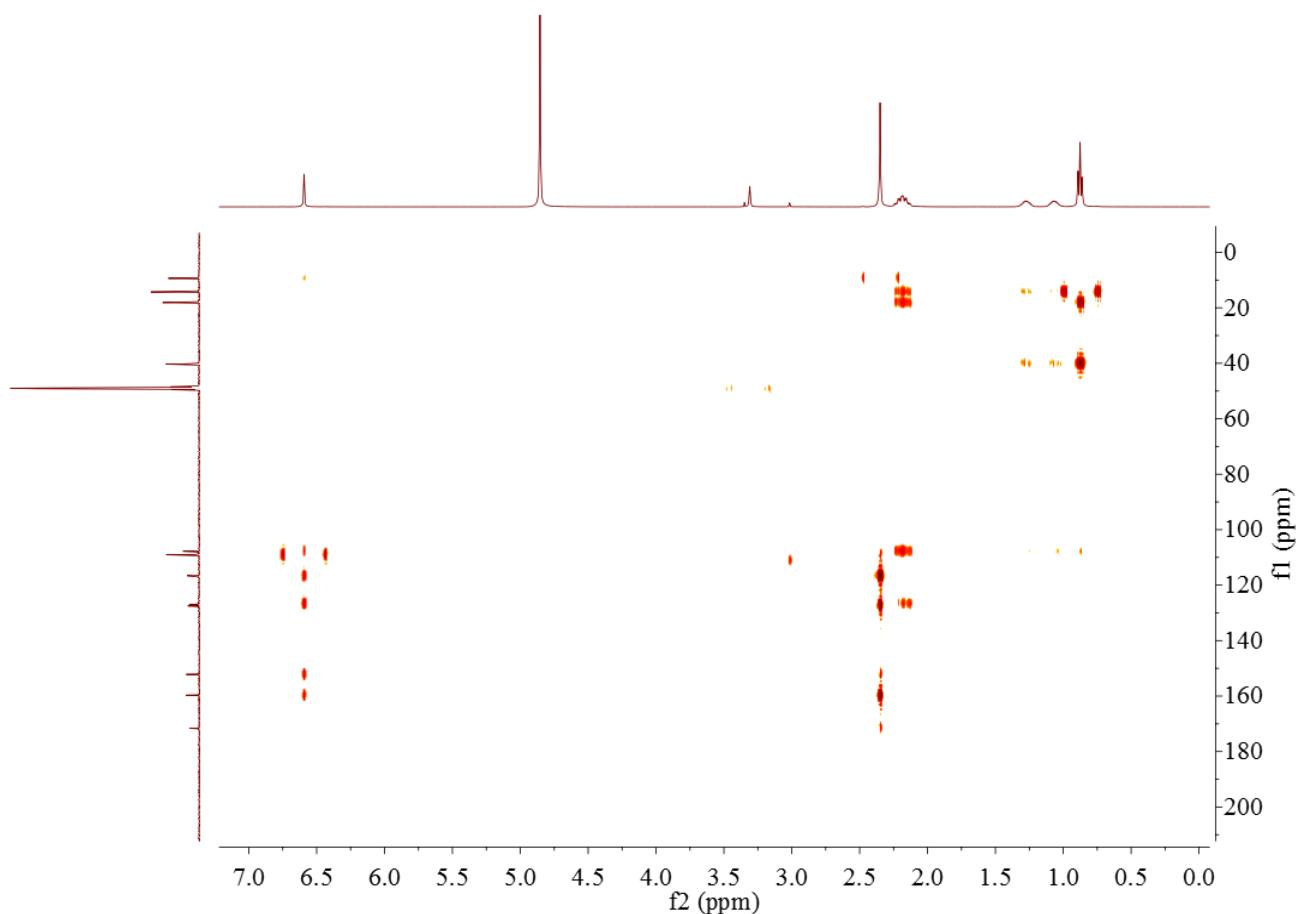
**Figure S21.** <sup>13</sup>C NMR (125 MHz, Methanol-*d*4) (A) and DEPT spectra of Compound 4 (B).



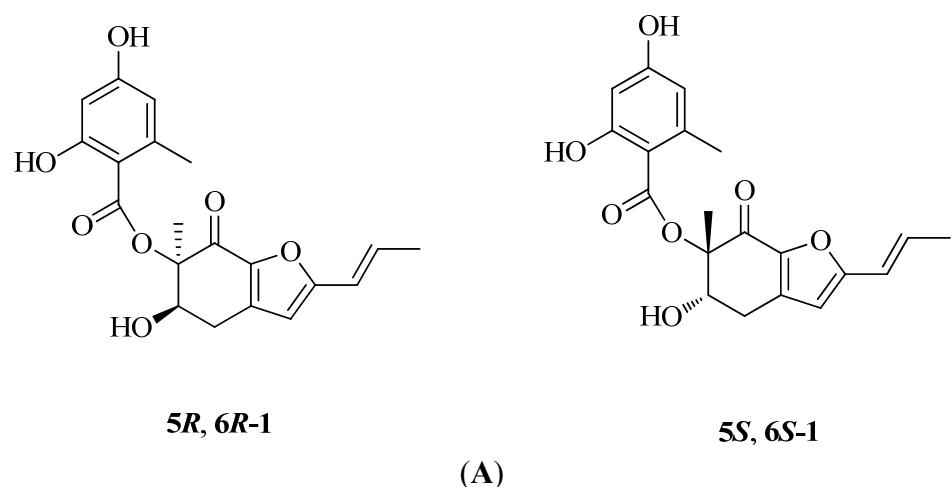
**Figure S22.**  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of Compound 4.



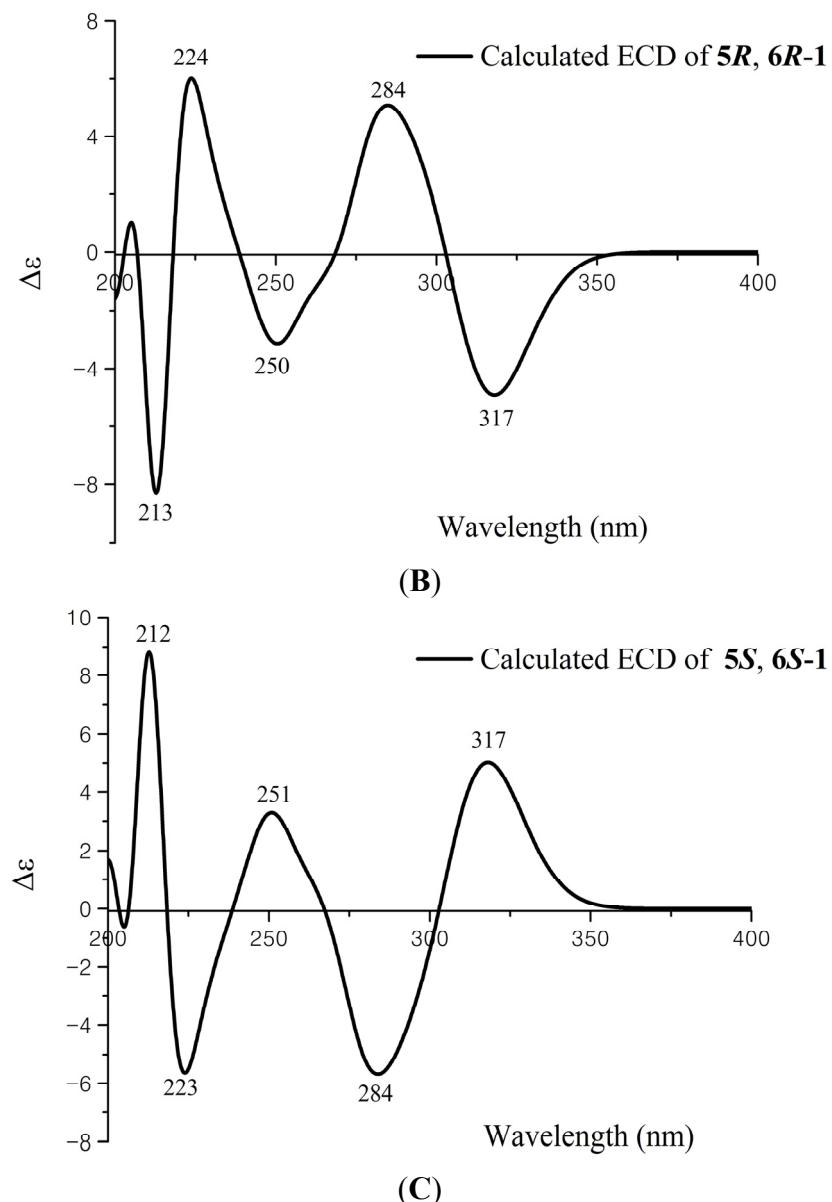
**Figure S23.** HSQC spectrum of Compound 4.



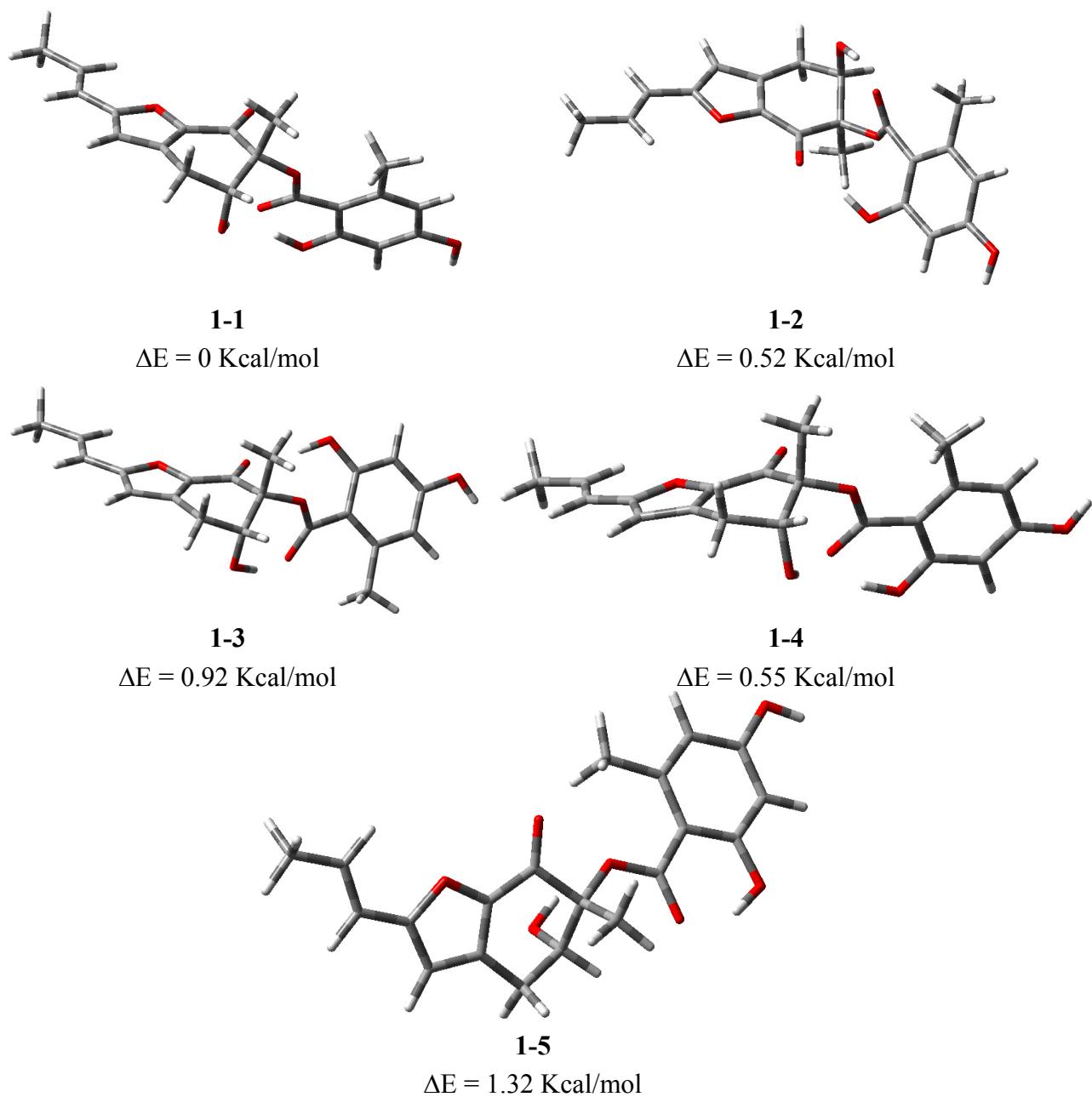
**Figure S24.** HMBC spectrum of Compound 4.



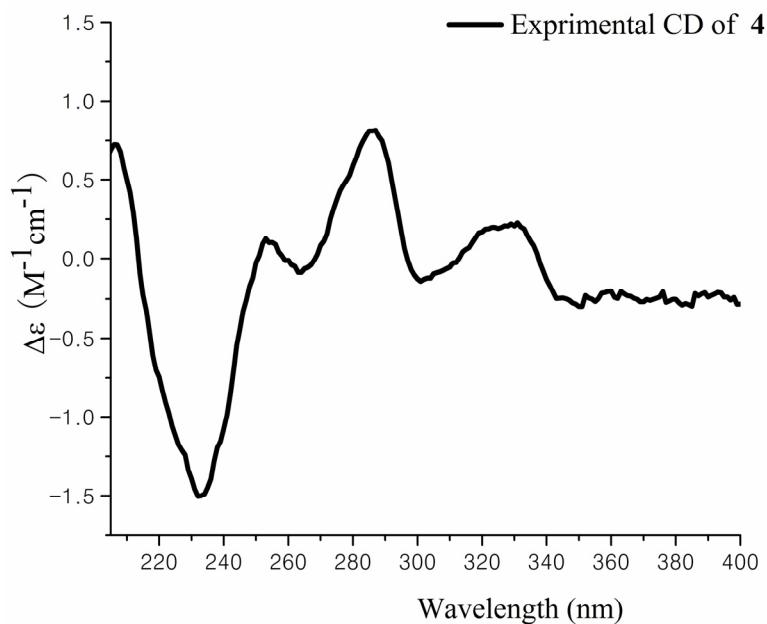
**Figure S25. Cont.**



**Figure S25.** The structures (A) and calculated ECD spectra of the two isomers of **5R,6R-1** (B) and **5S,6S-1** (C).



**Figure S26.** DFT-optimized low-energy structures (**1-1–1-5**) for 5*R*,6*R*.



**Figure S27.** CD spectrum of Compound 4.

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