

Article

# Antinociceptive effect of hinokinin and kaurenoic acid isolated from *Aristolochia odoratissima* L.

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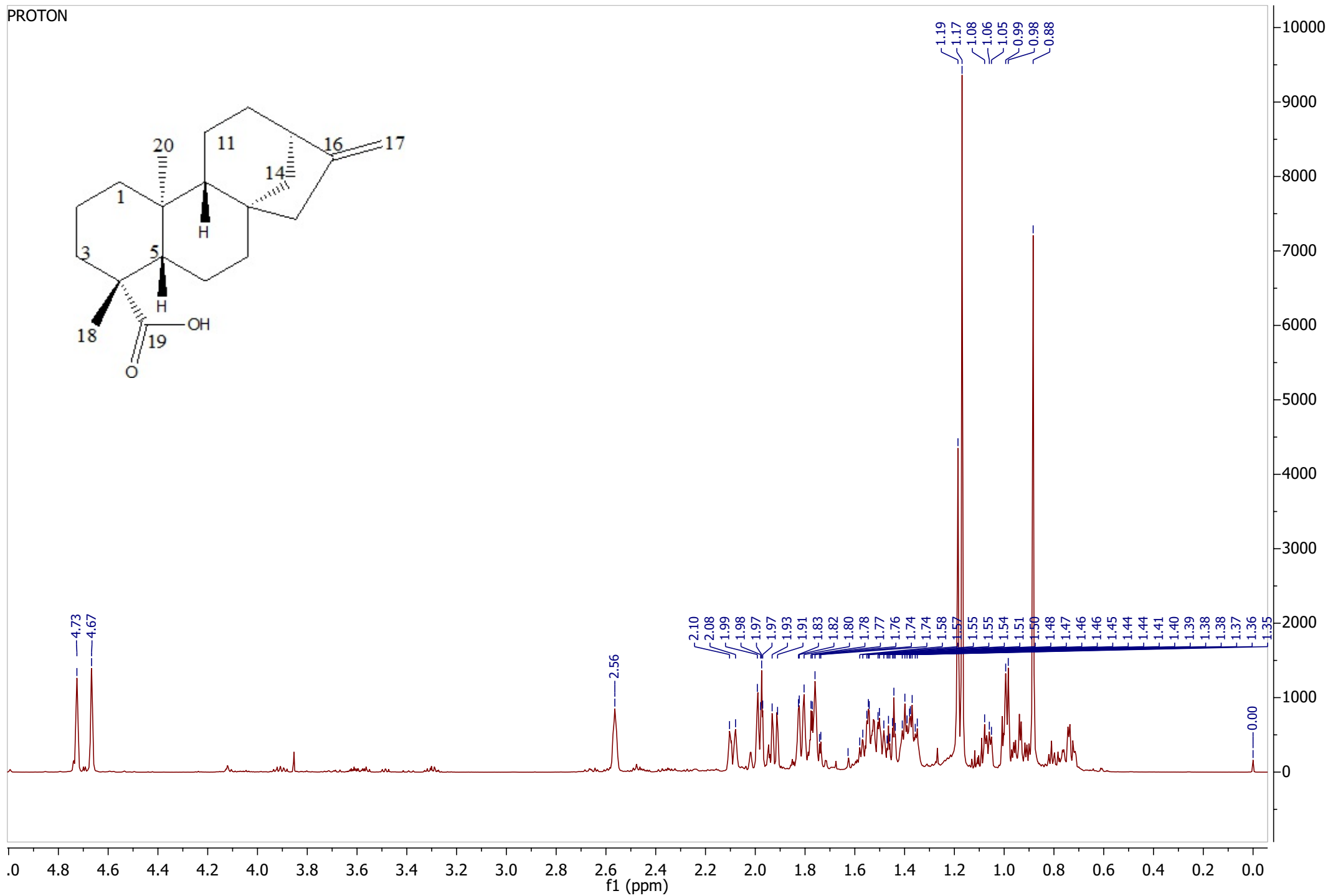
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**Figure S1.** <sup>1</sup>H NMR (CDCl<sub>3</sub>, 600 MHz) Compound **1**

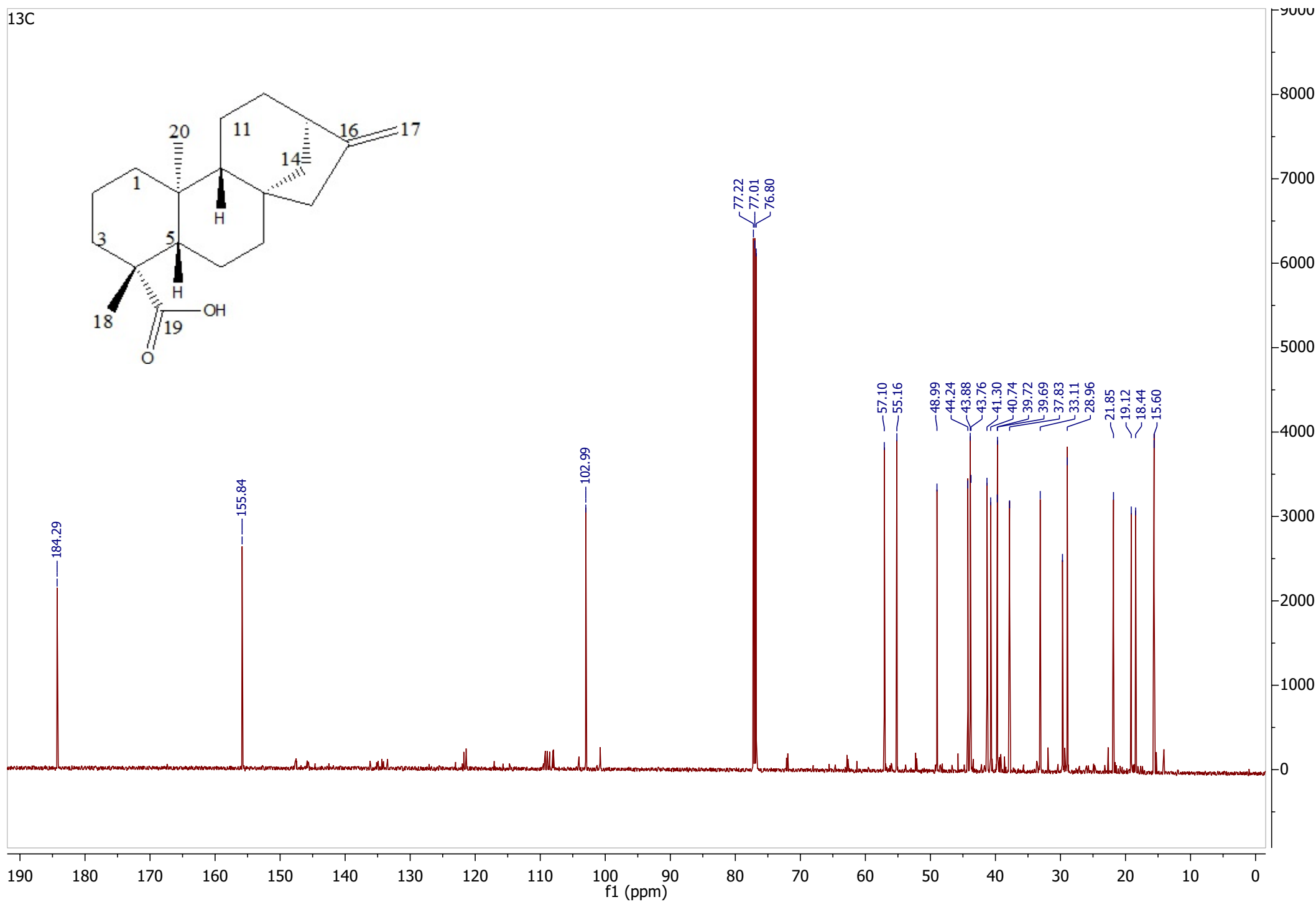
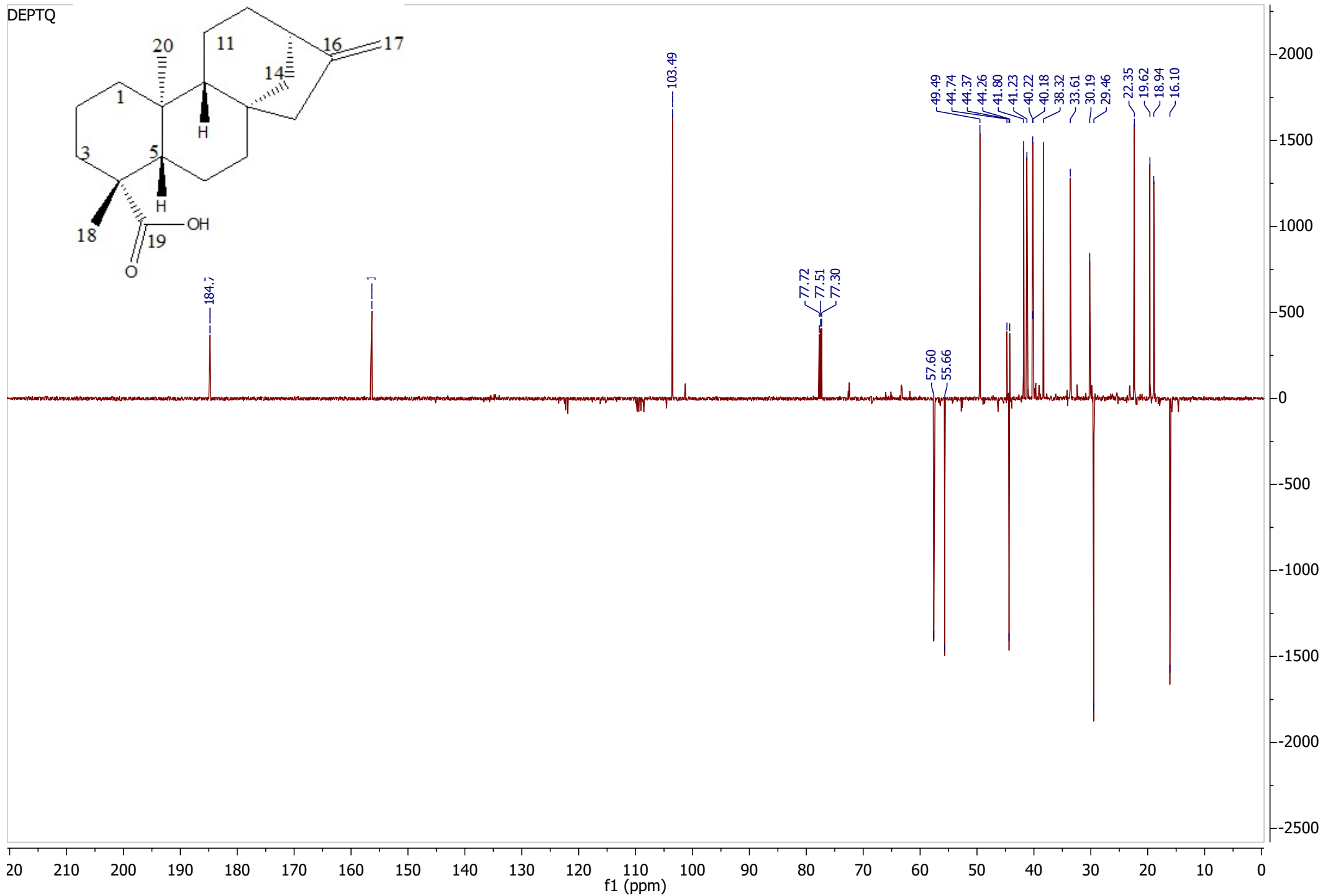
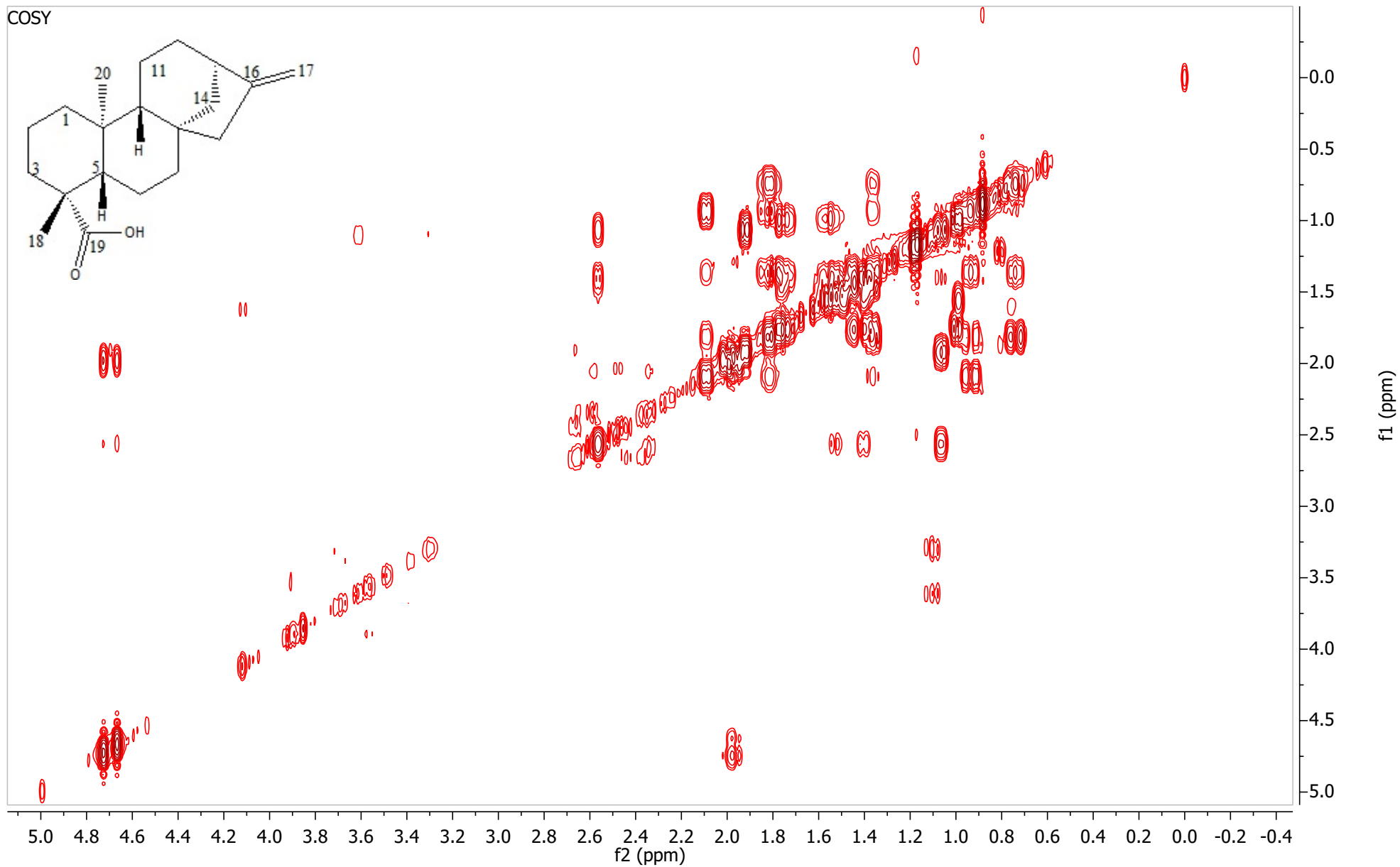
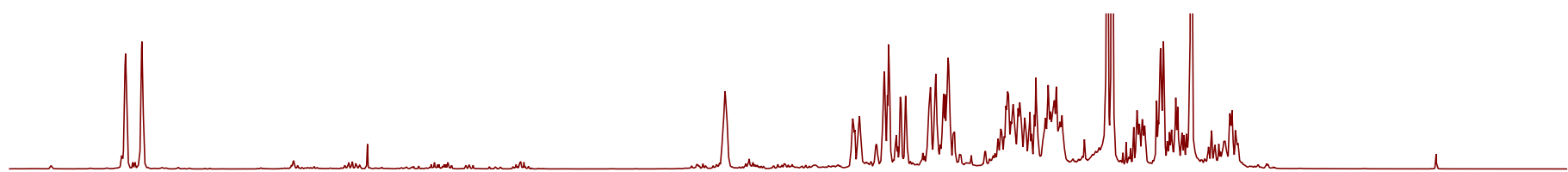


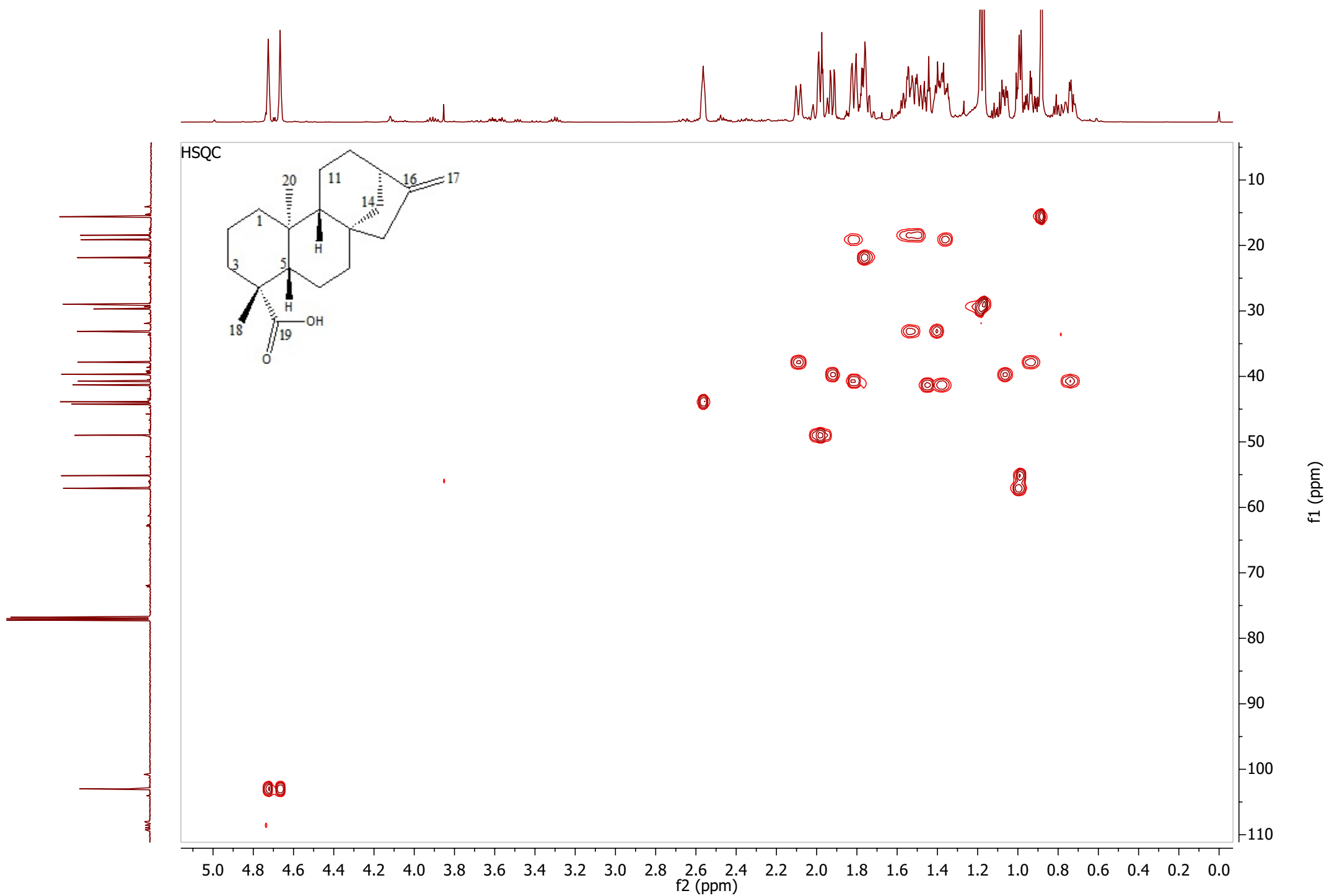
Figure S2. <sup>13</sup>C NMR (CDCl<sub>3</sub>, 150 MHz) Compound 1.

DEPTQ

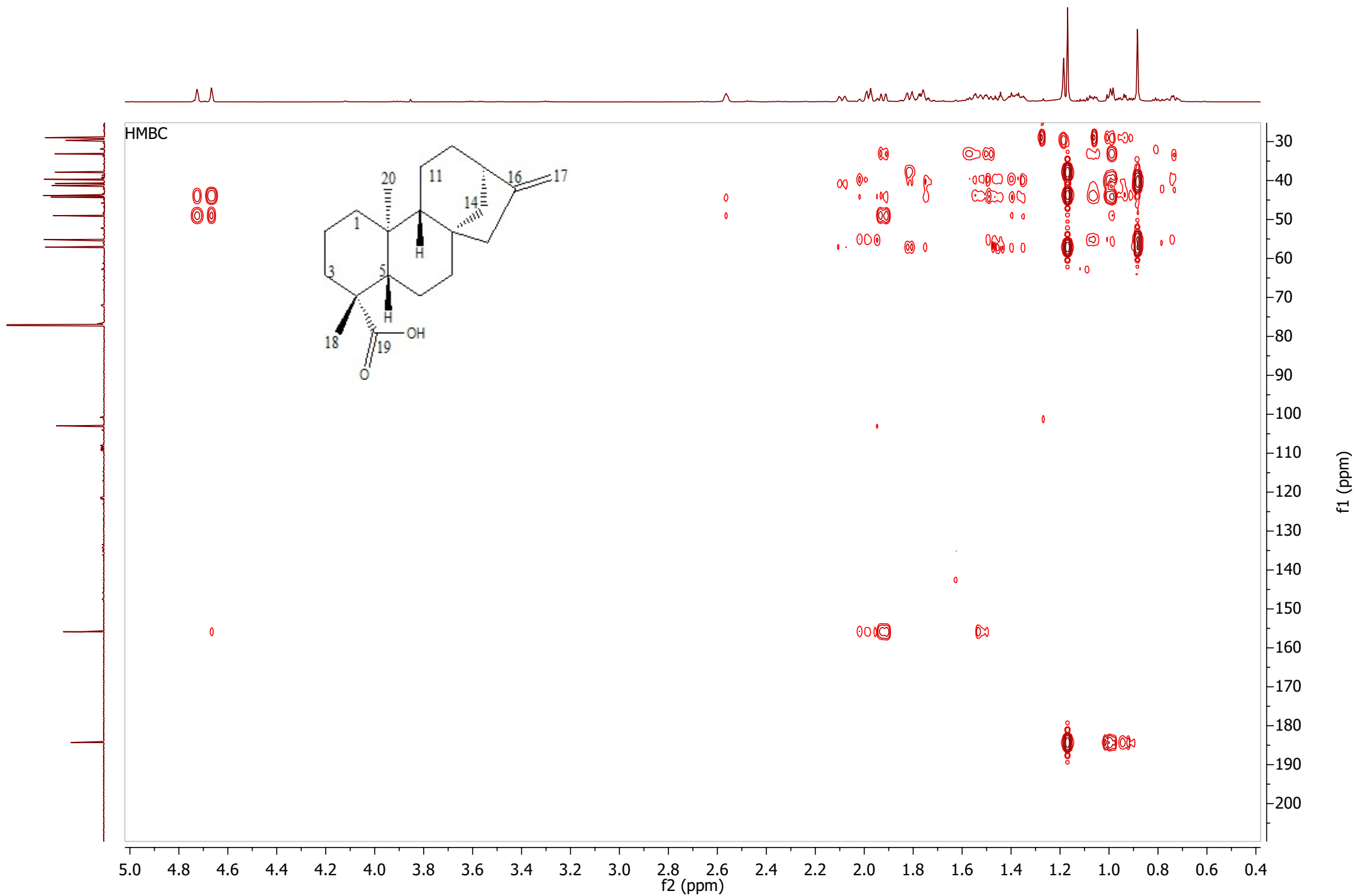


**Figure S3.** DEPTQ(CDCl<sub>3</sub>, 150 MHz) Compound **1**





**Figure S5.** HSQC ( $\text{CDCl}_3$ , 600 MHz) Compound **1**.



**Figure S6.** HMBC ( $\text{CDCl}_3$ , 600 MHz) Compound **1**

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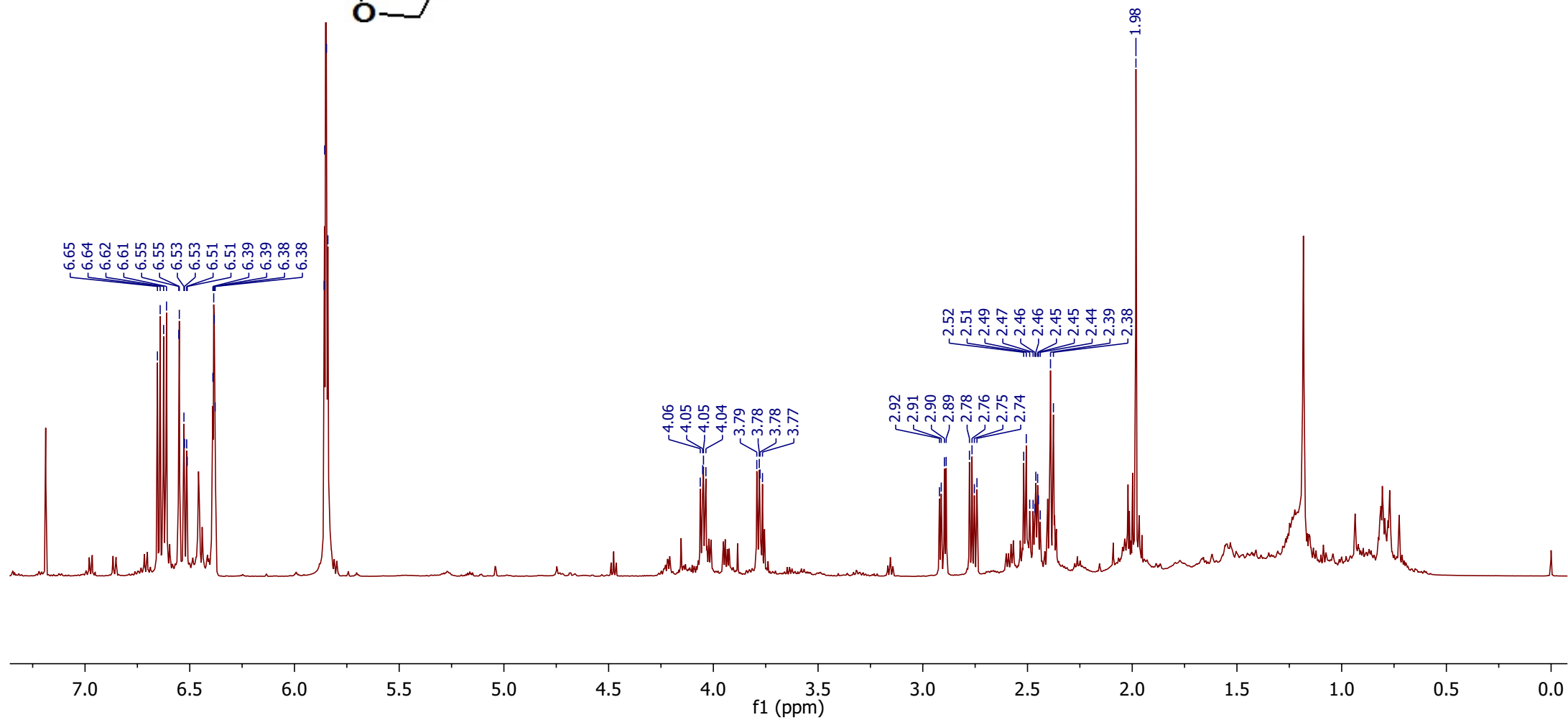
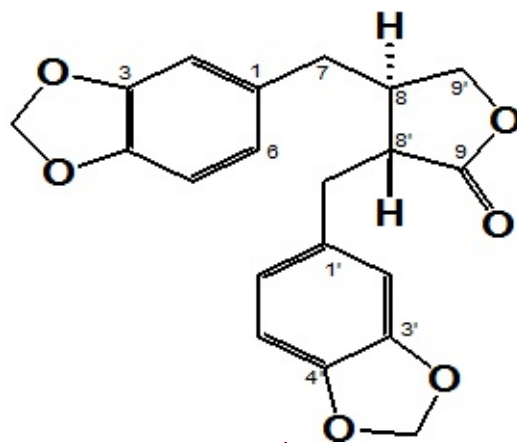
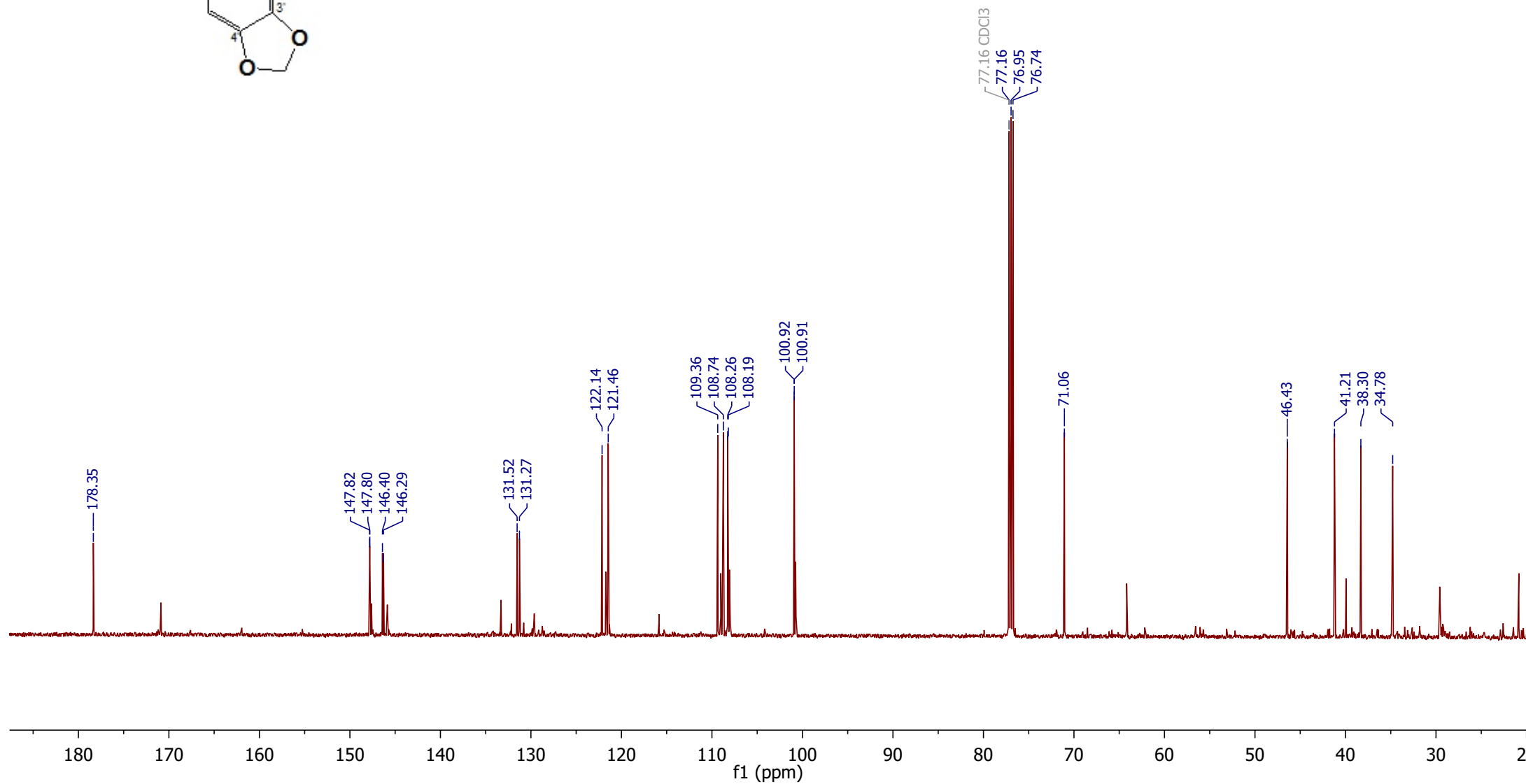
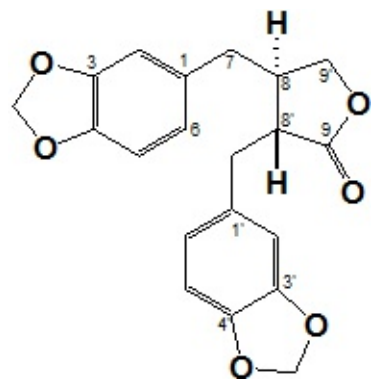


Figure S7. <sup>1</sup>H NMR (CDCl<sub>3</sub>, 600 MHz) Compound 2.





**Figure S8.** <sup>13</sup>C NMR (CDCl<sub>3</sub>, 150 MHz) Compound 2.

DEPTQ

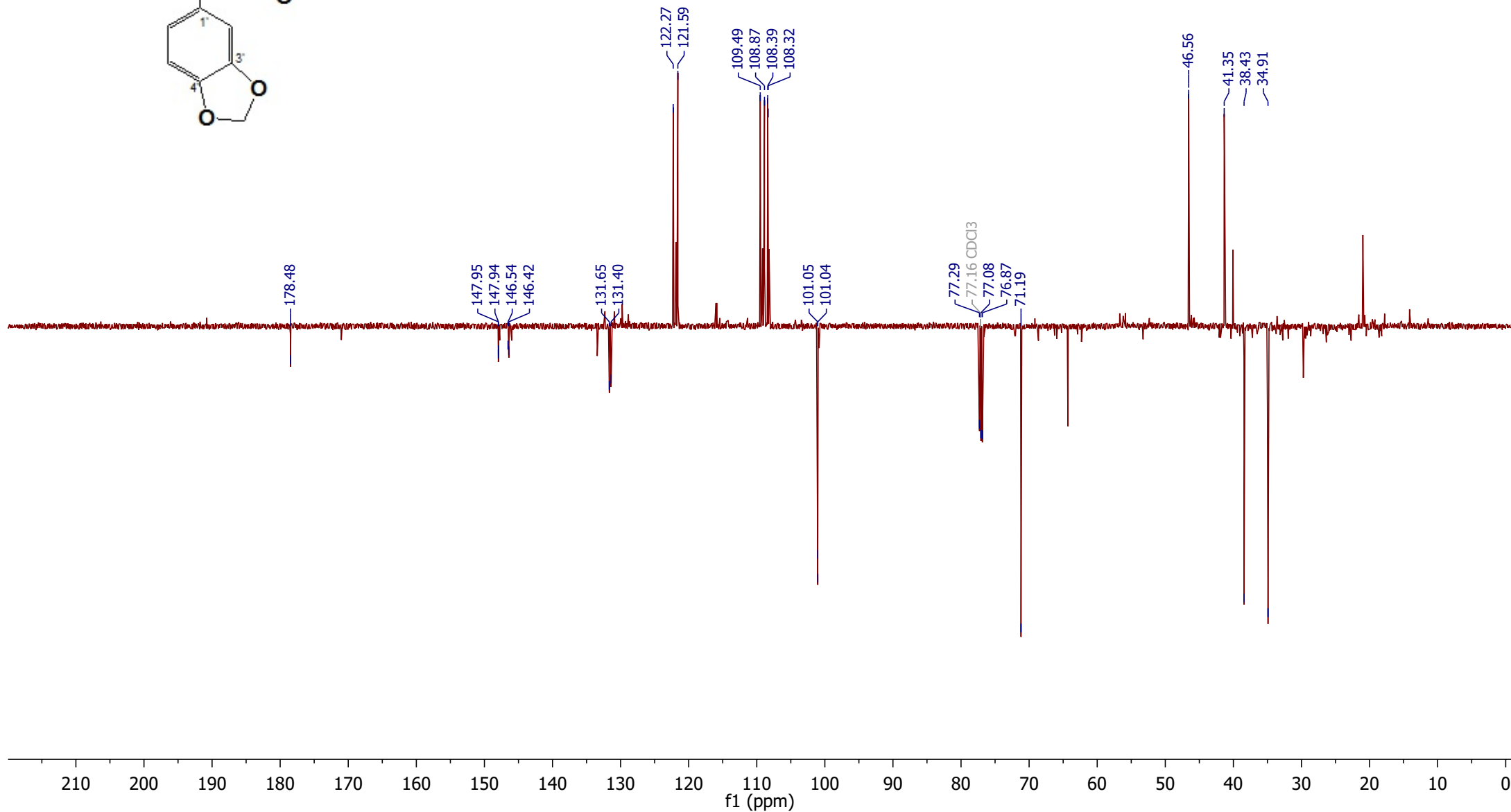
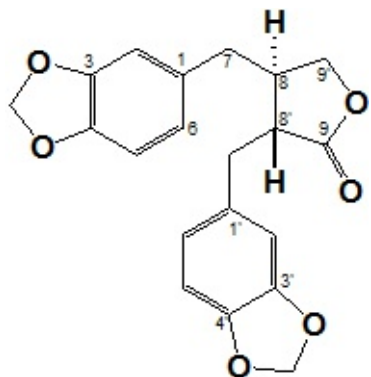
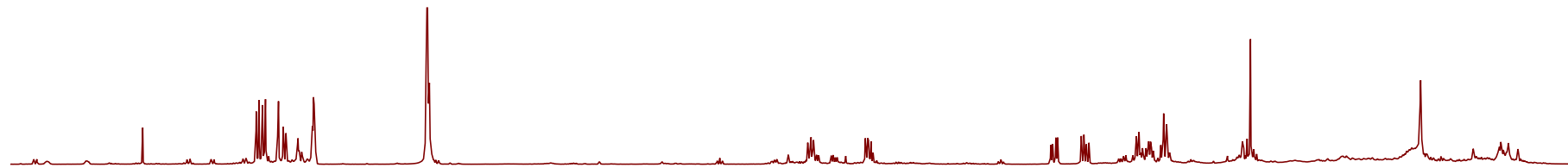
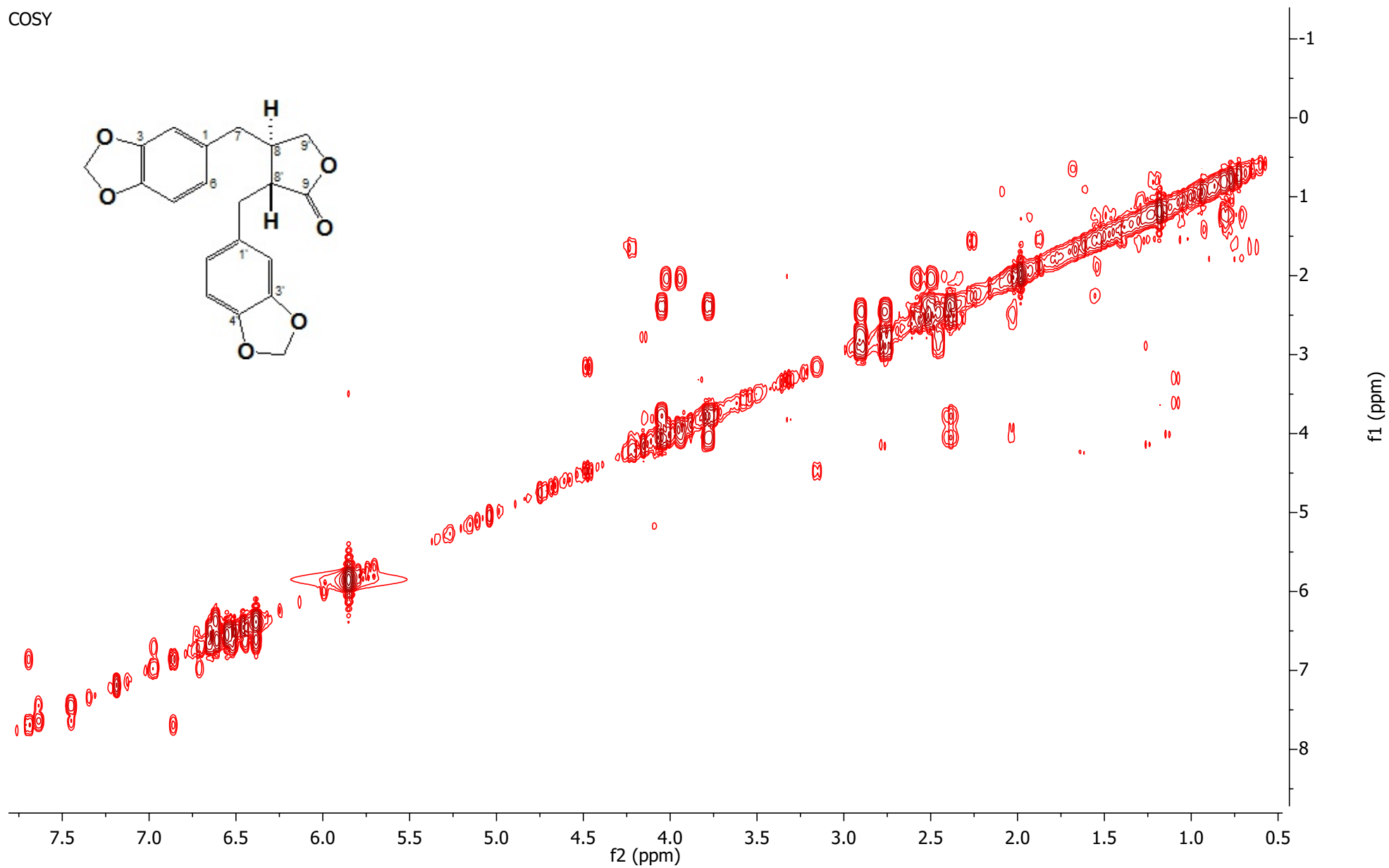
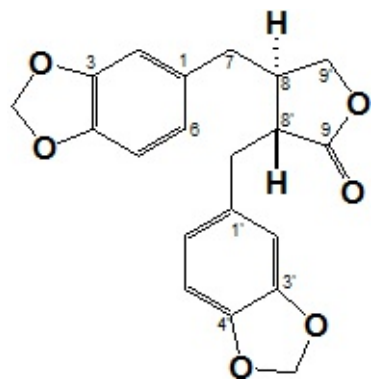


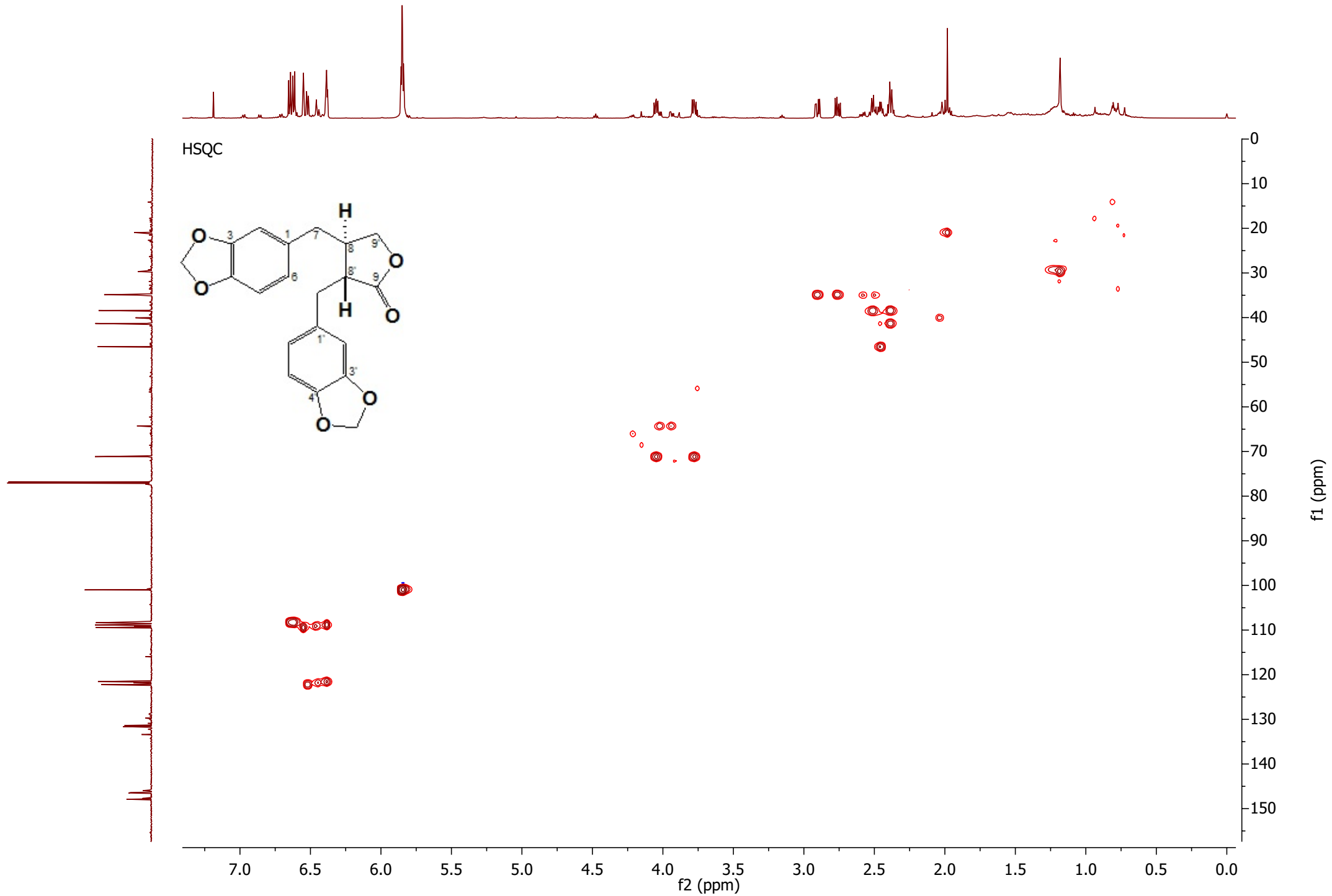
Figure S9. DEPTQ(CDCl<sub>3</sub>, 150 MHz) Compound 2.



COSY



**Figure S10.**  $^1\text{H}$ - $^1\text{H}$  COSY NMR ( $\text{CDCl}_3$ , 600 MHz) Compound **2**.



**Figure S11.** HSQC ( $\text{CDCl}_3$ , 600 MHz) Compound **2**.

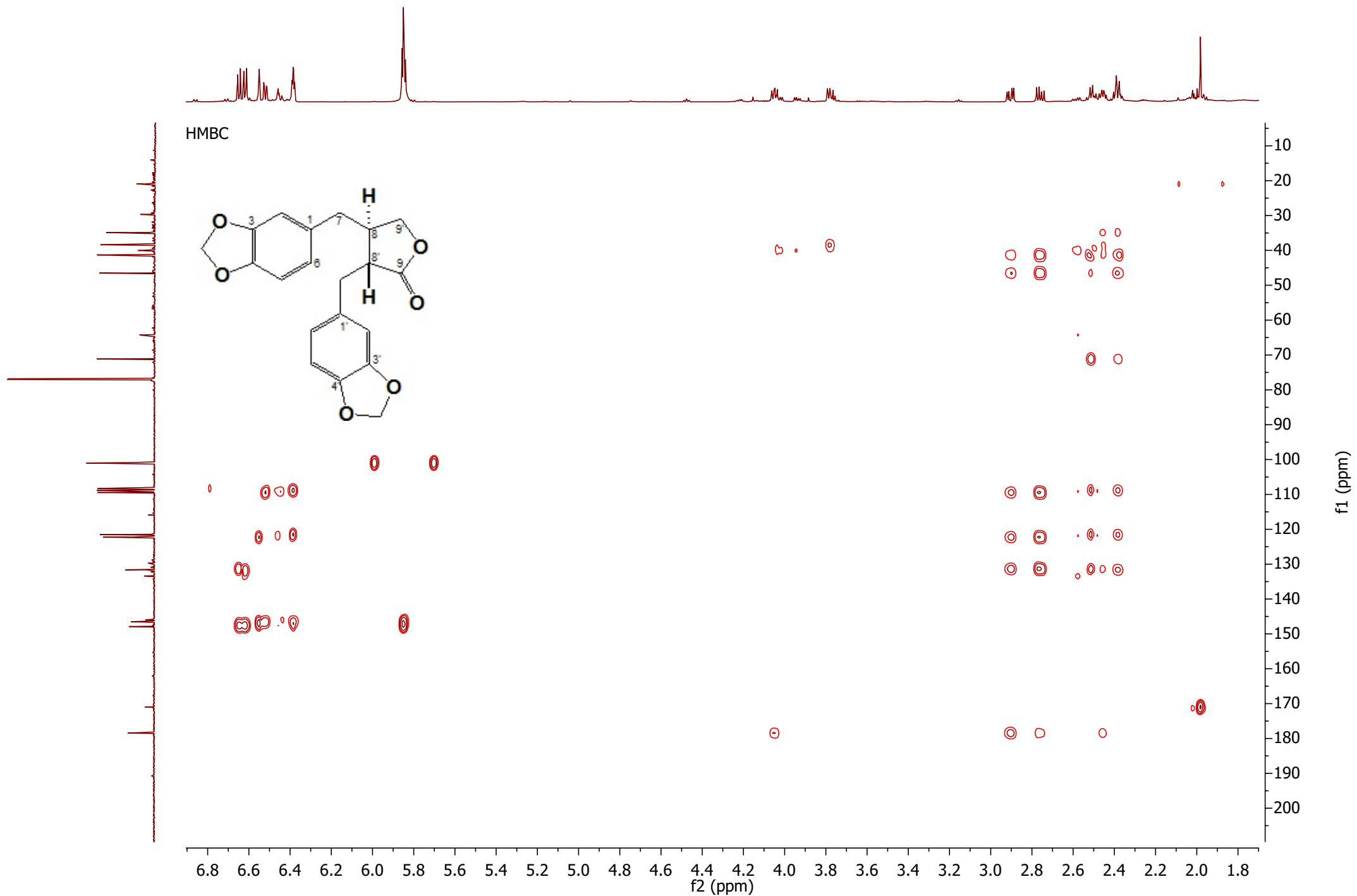


Figure S12. HMBC (CDCl<sub>3</sub>, 600 MHz) Compound 2.

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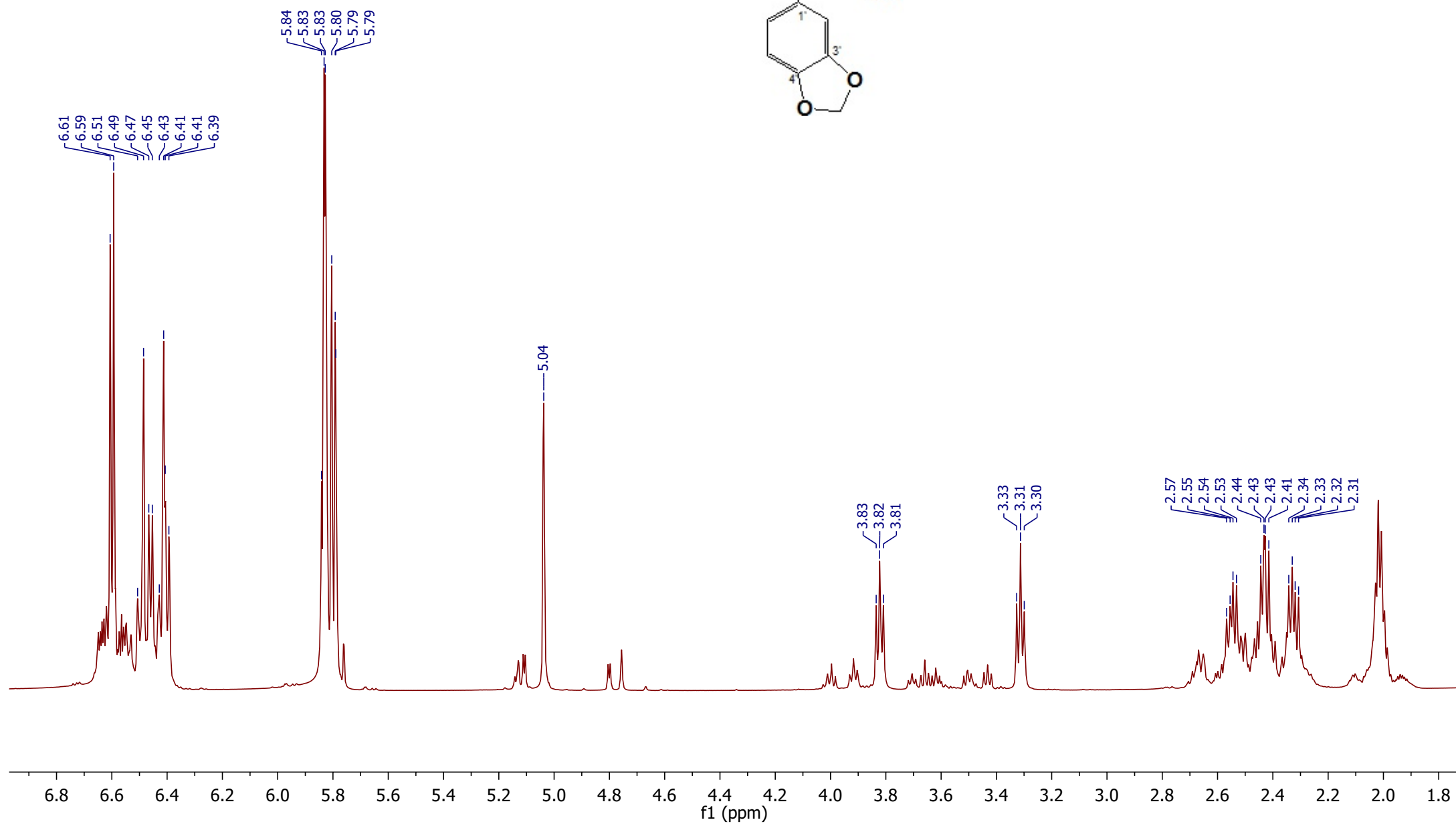
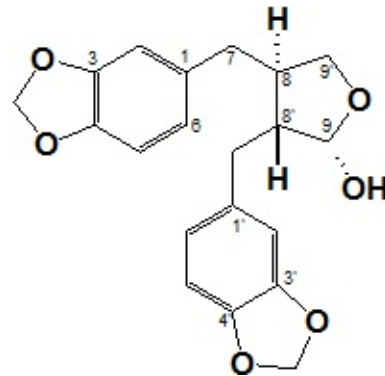
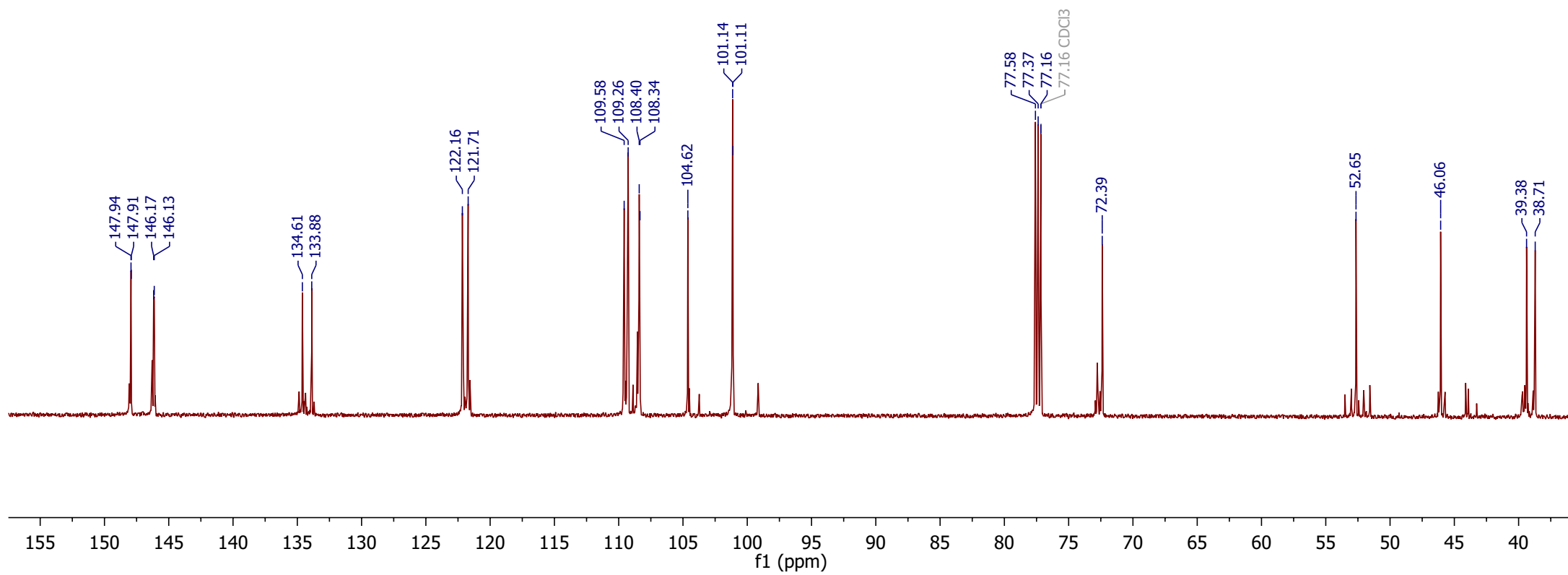
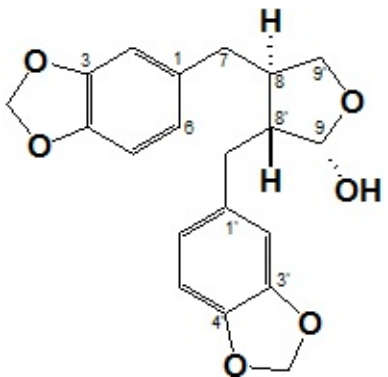


Figure S13. <sup>1</sup>H NMR (CDCl<sub>3</sub>, 600 MHz) Compound 3.



**Figure S14.** <sup>13</sup>C NMR (CDCl<sub>3</sub>, 150 MHz) Compound **3**.

DEPTQ

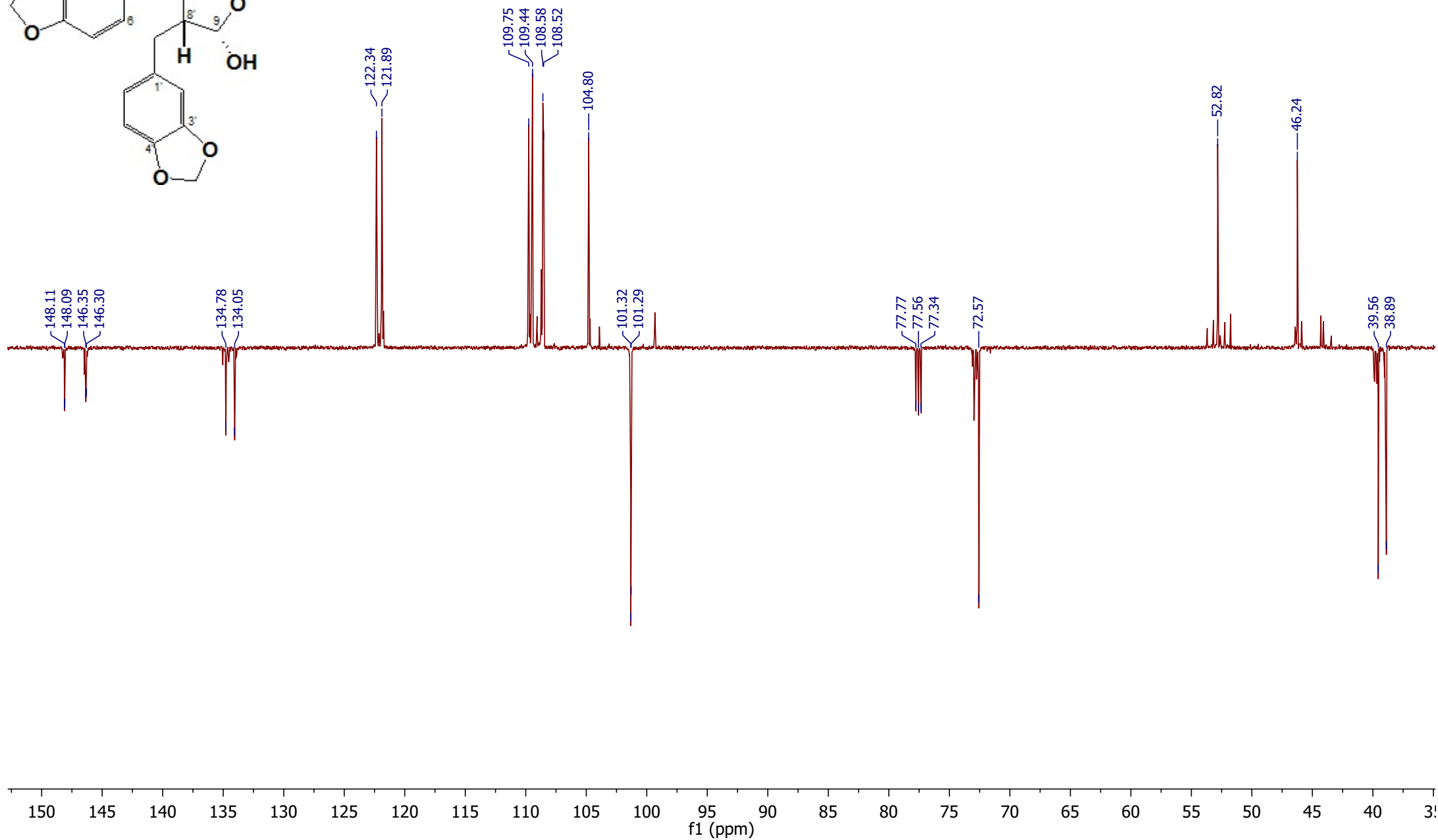
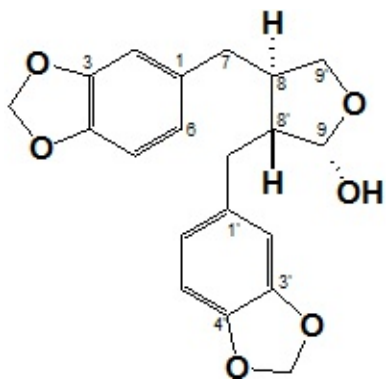
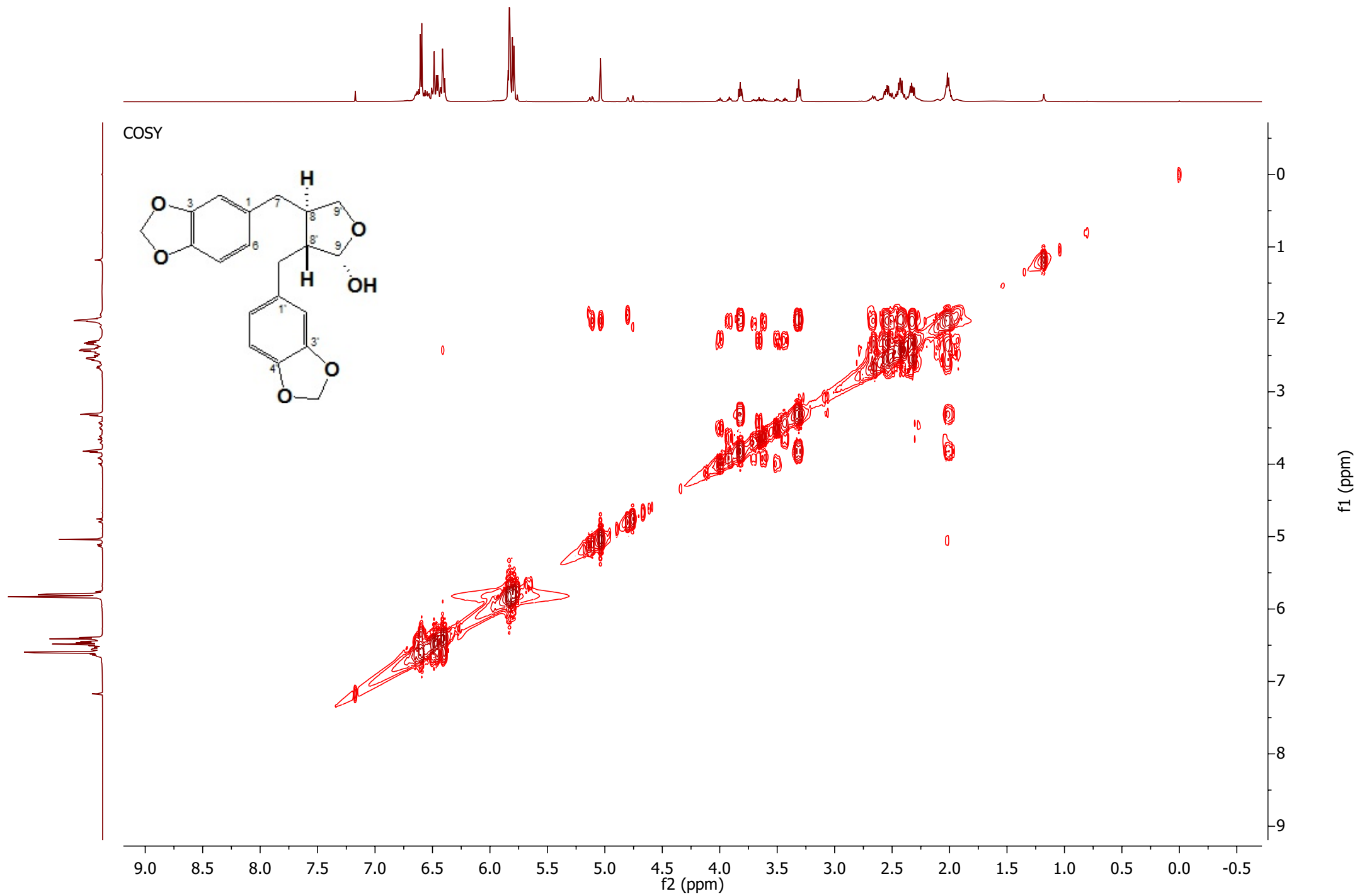
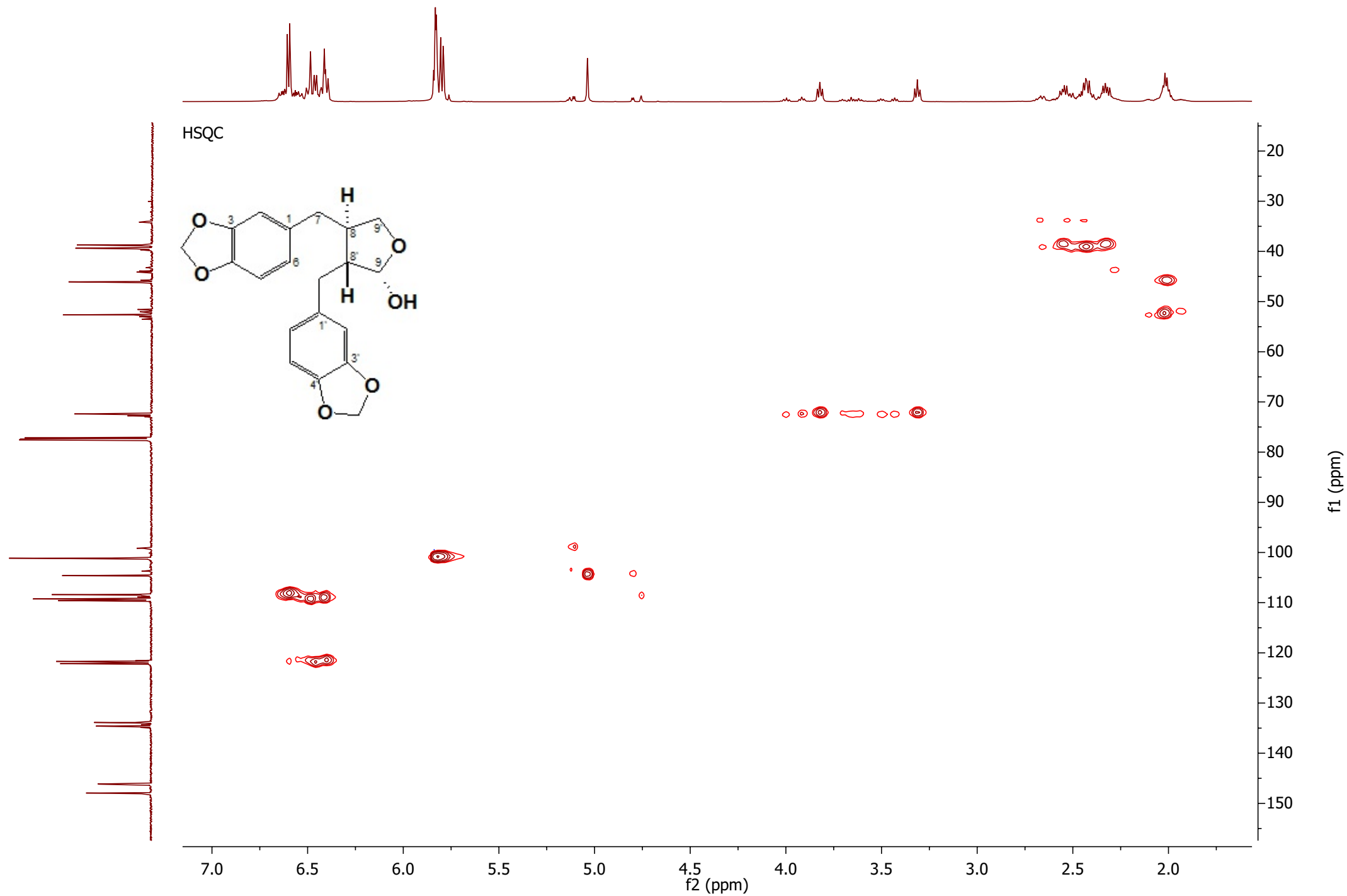


Figure S15. DEPTQ(CDCl<sub>3</sub>, 150 MHz) Compound 3.







**Figure S17.** HSQC ( $\text{CDCl}_3$ , 600 MHz) Compound **3**.

