

## Supplementary information

### **Reduction of Calcium Influx in the Vascular Contractile Response in Rat Aorta by a New Oxime Synthesized from *Senecio nutans* SCh. Bip (Chachacoma)**

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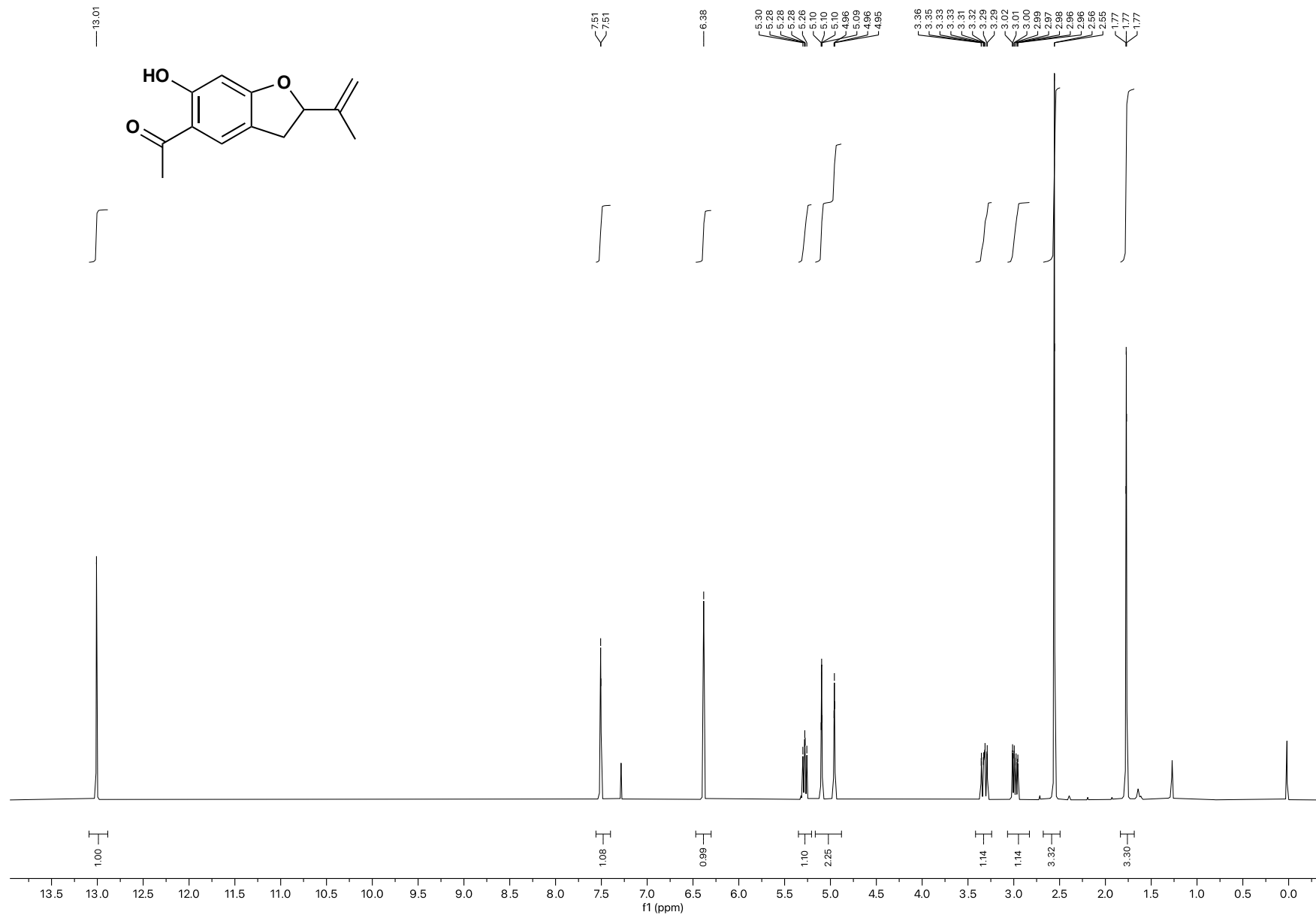
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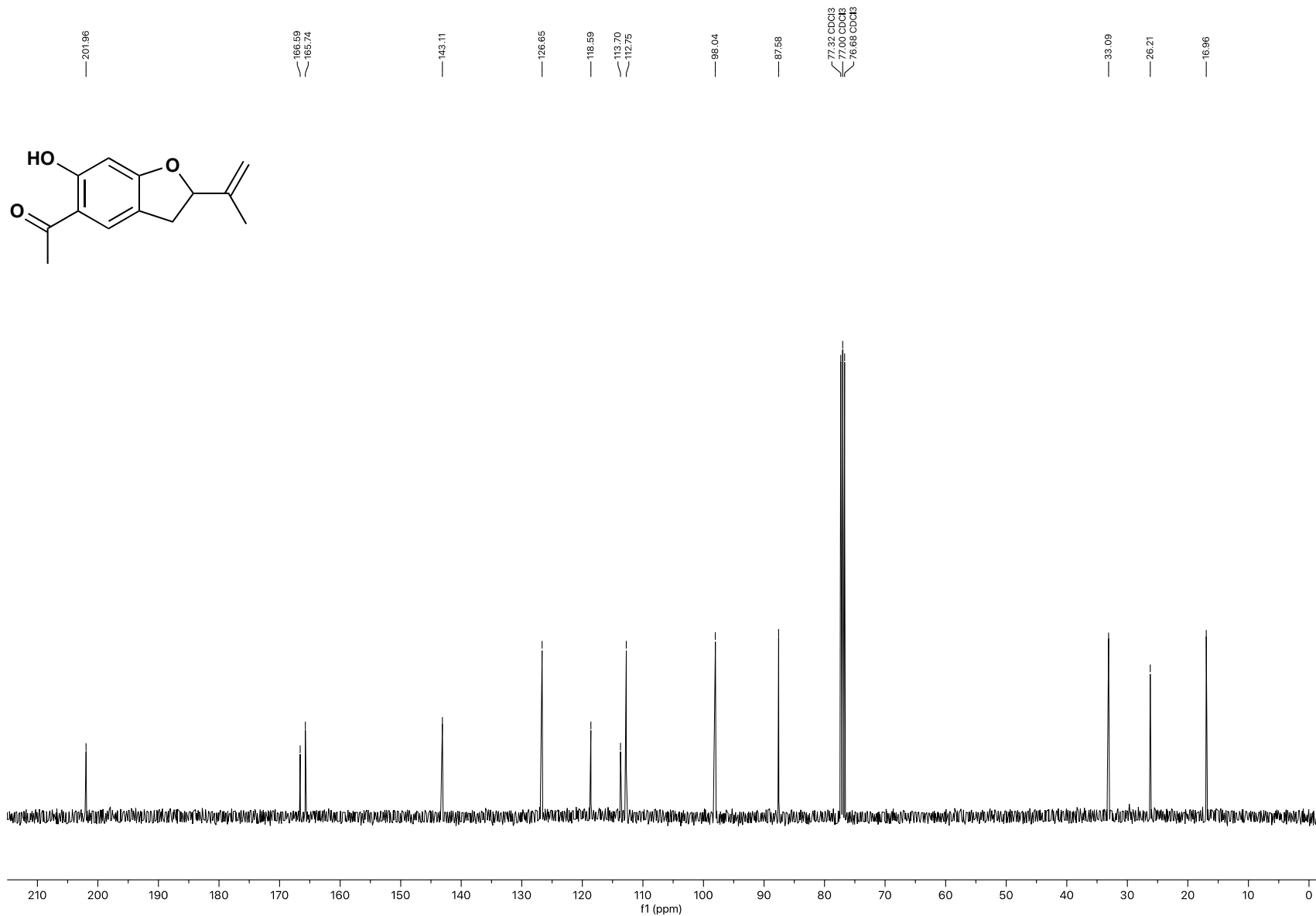
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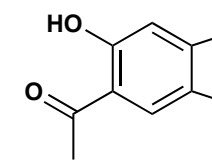
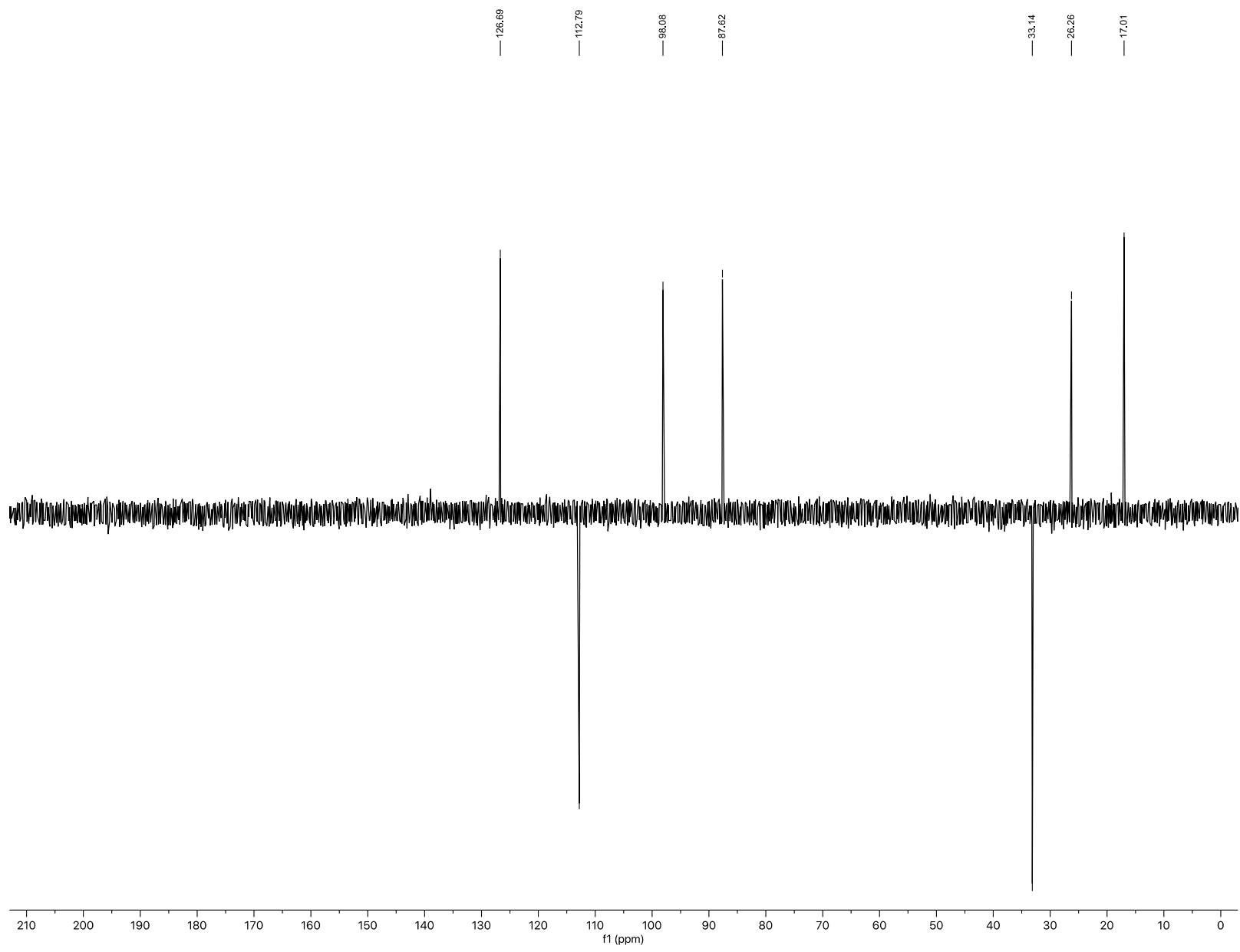
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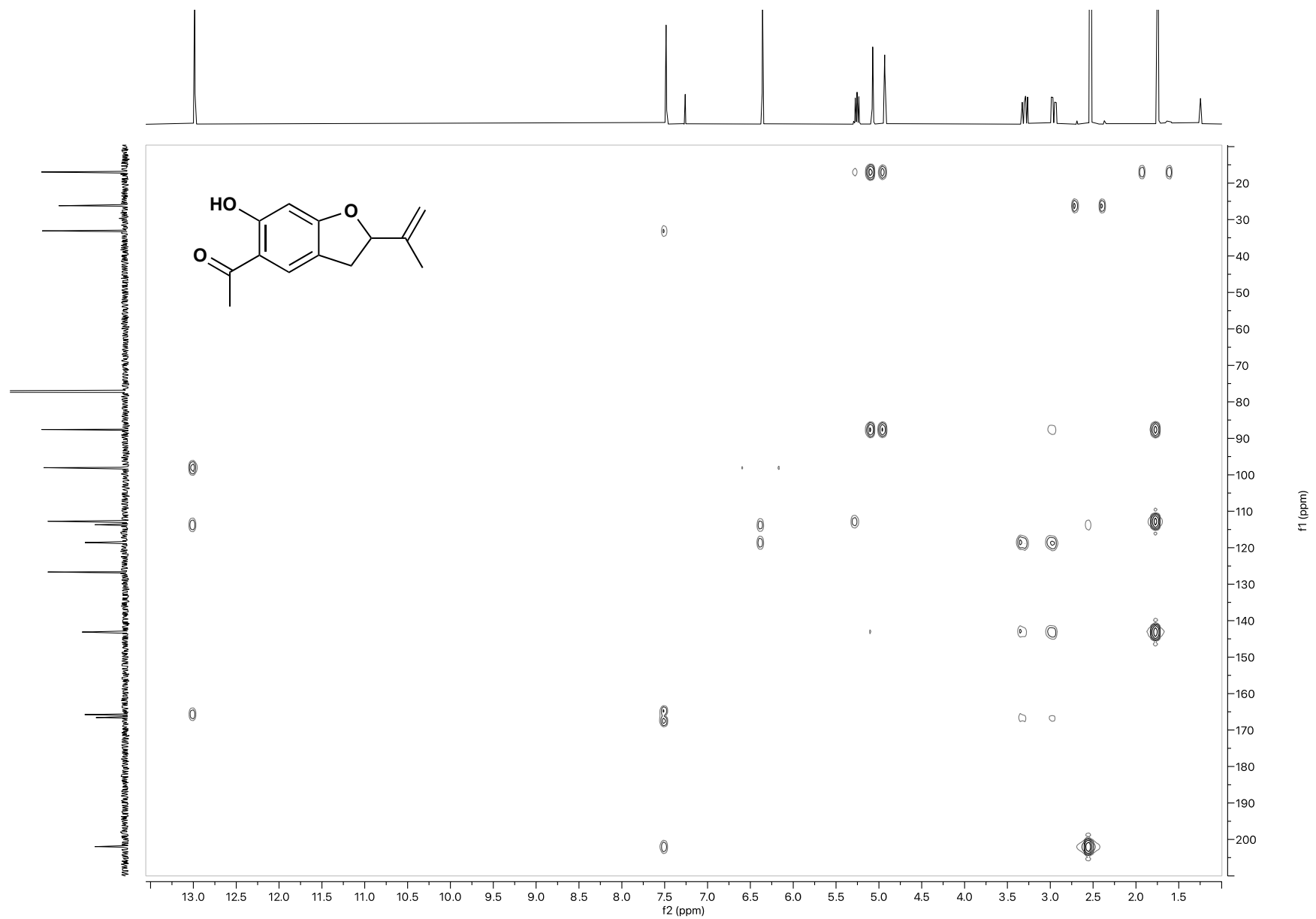
Supplementary figure 1.- <sup>1</sup>H NMR spectrum of 6-hydroxy-2-isopropenyl-5-acetyl-2,3-dihydrobenzofuran



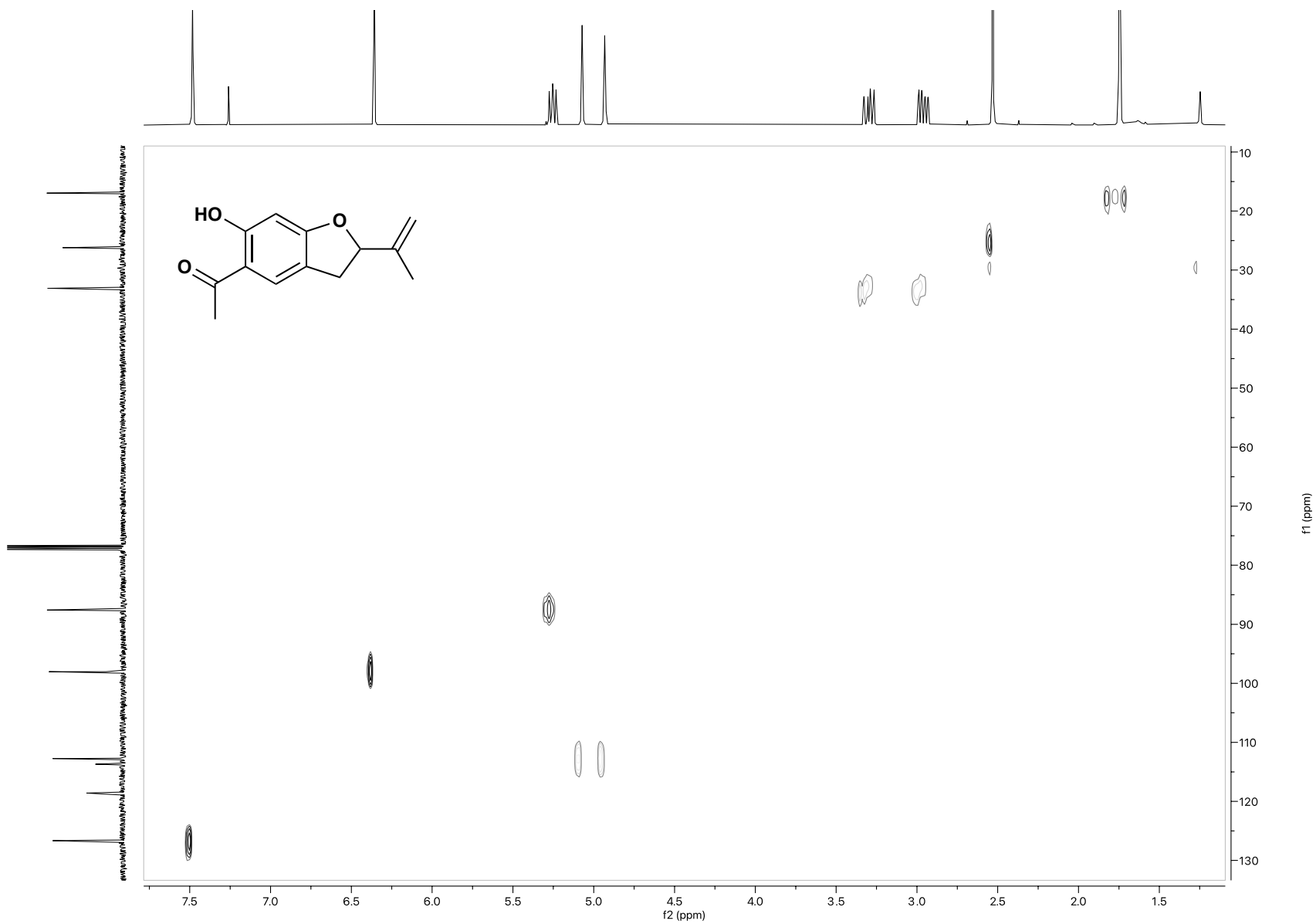
Supplementary figure 2.- <sup>13</sup>C NMR spectrum of 6-hydroxy-2-isopropenyl-5-acetyl-2,3-dihydrobenzofuran



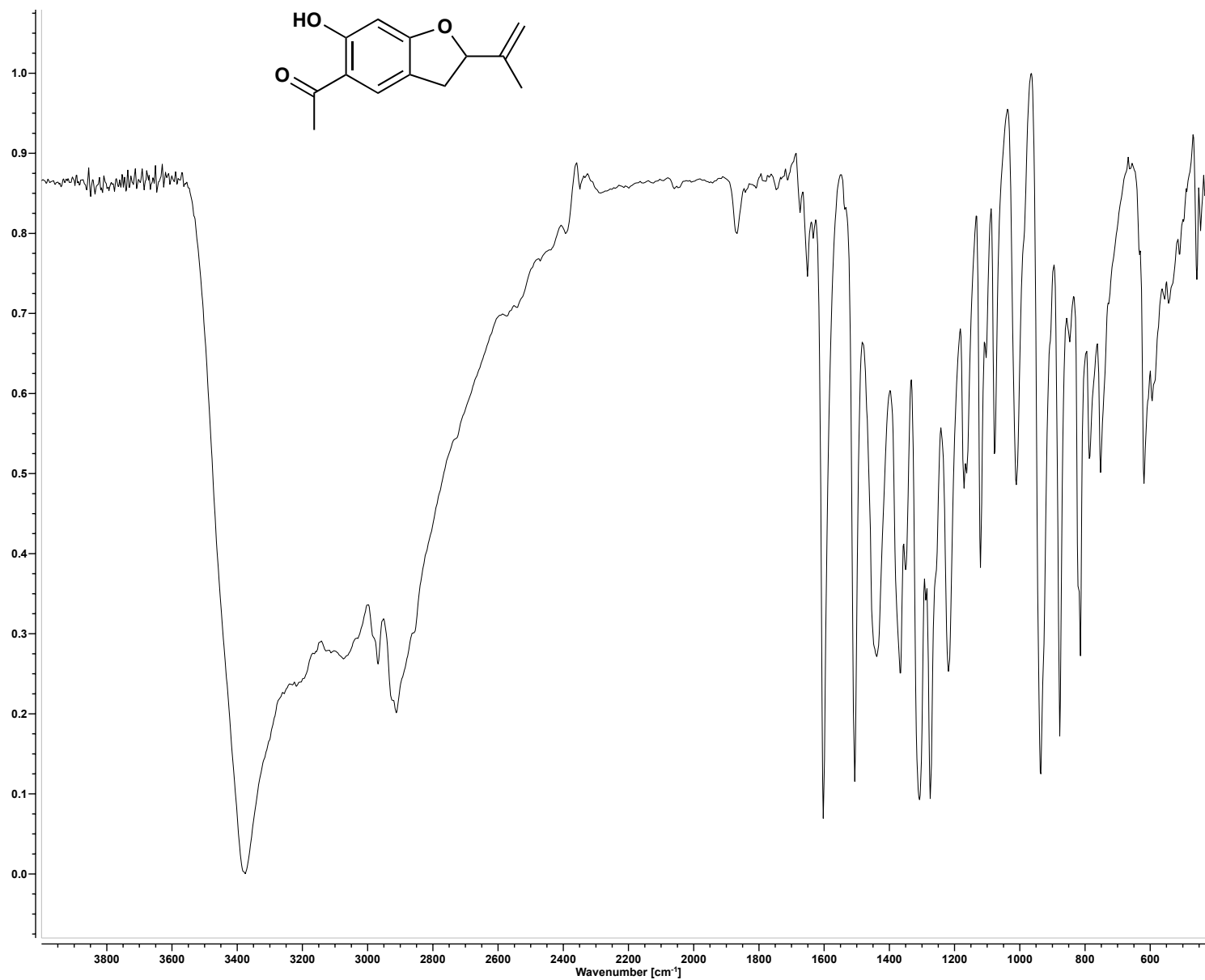
Supplementary figure 3.- DEPT135 spectrum of 6-hydroxy-2-isopropenyl-5-acetyl-2,3-dihydrobenzofuran



Supplementary figure 4.- HMBC spectrum of 6-hydroxy-2-isopropenyl-5-acetyl-2,3-dihydrobenzofuran

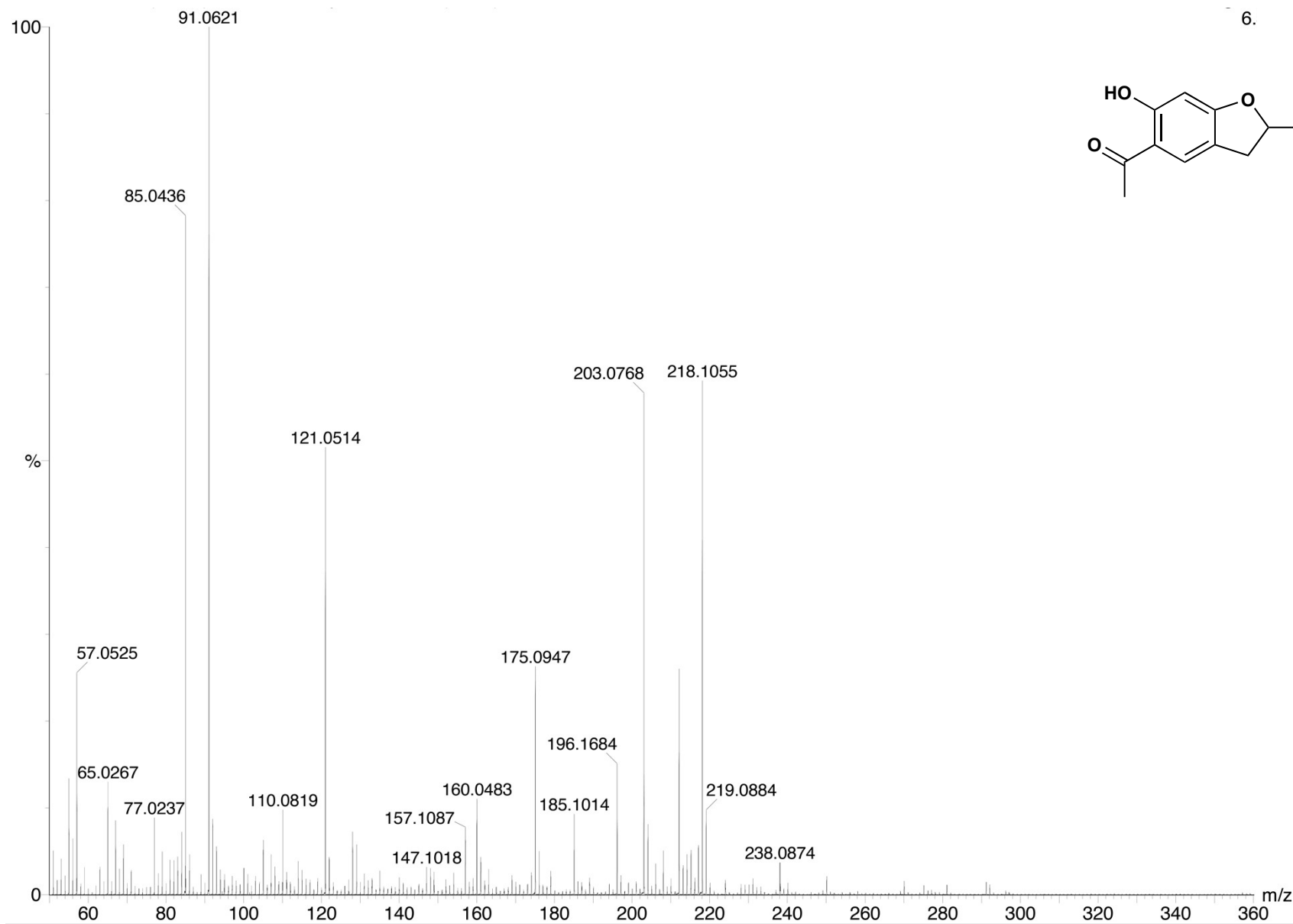
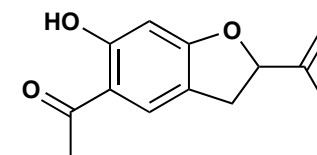


Supplementary figure 5.- HMBC spectrum of 6-hydroxy-2-isopropenyl-5-acetyl-2,3-dihydrobenzofuran



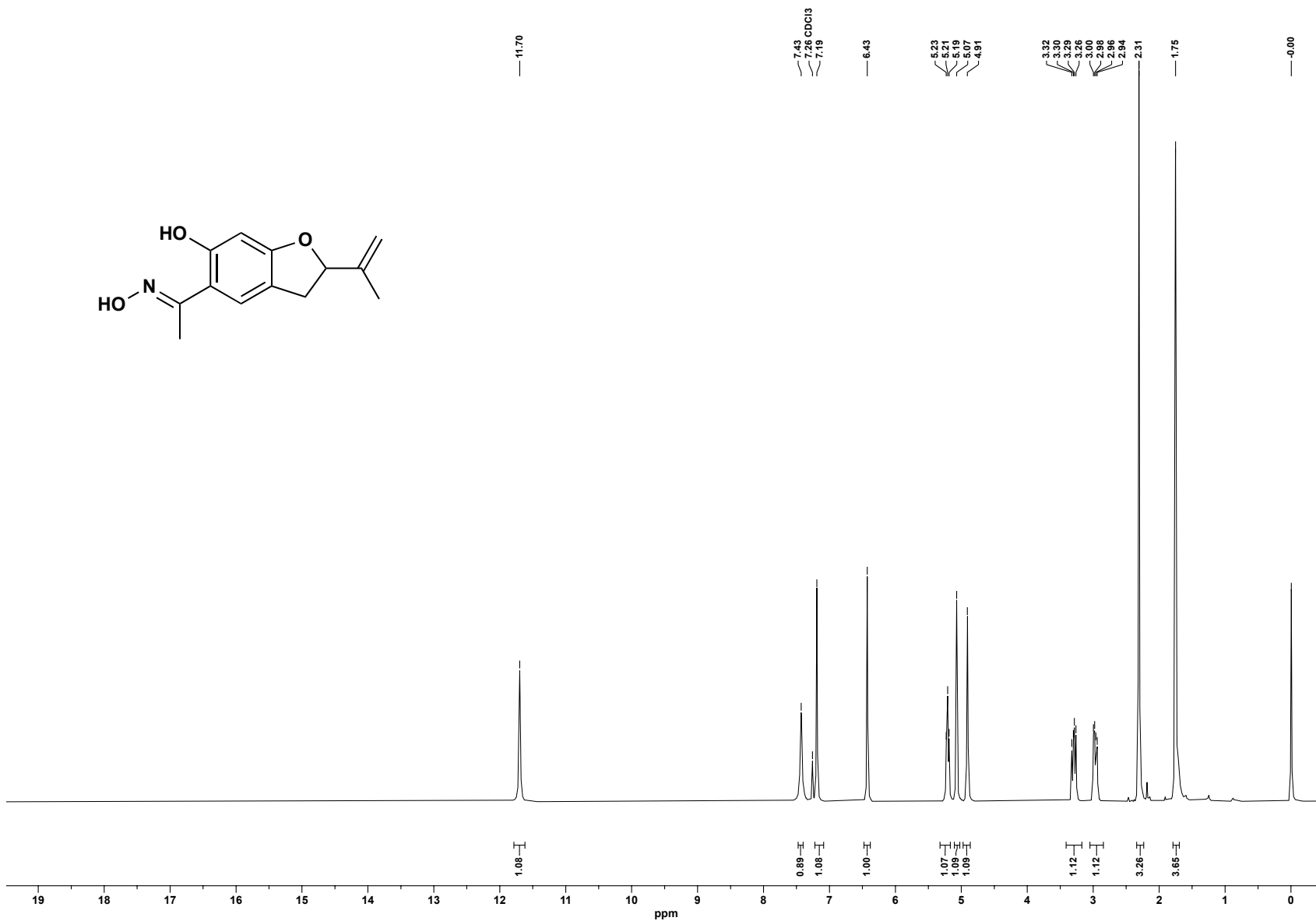
**Supplementary figure 6.- FT-IR spectrum of 6-hydroxy-2-isopropenyl-5-acetyl-2,3-dihydrobenzofuran**

6.

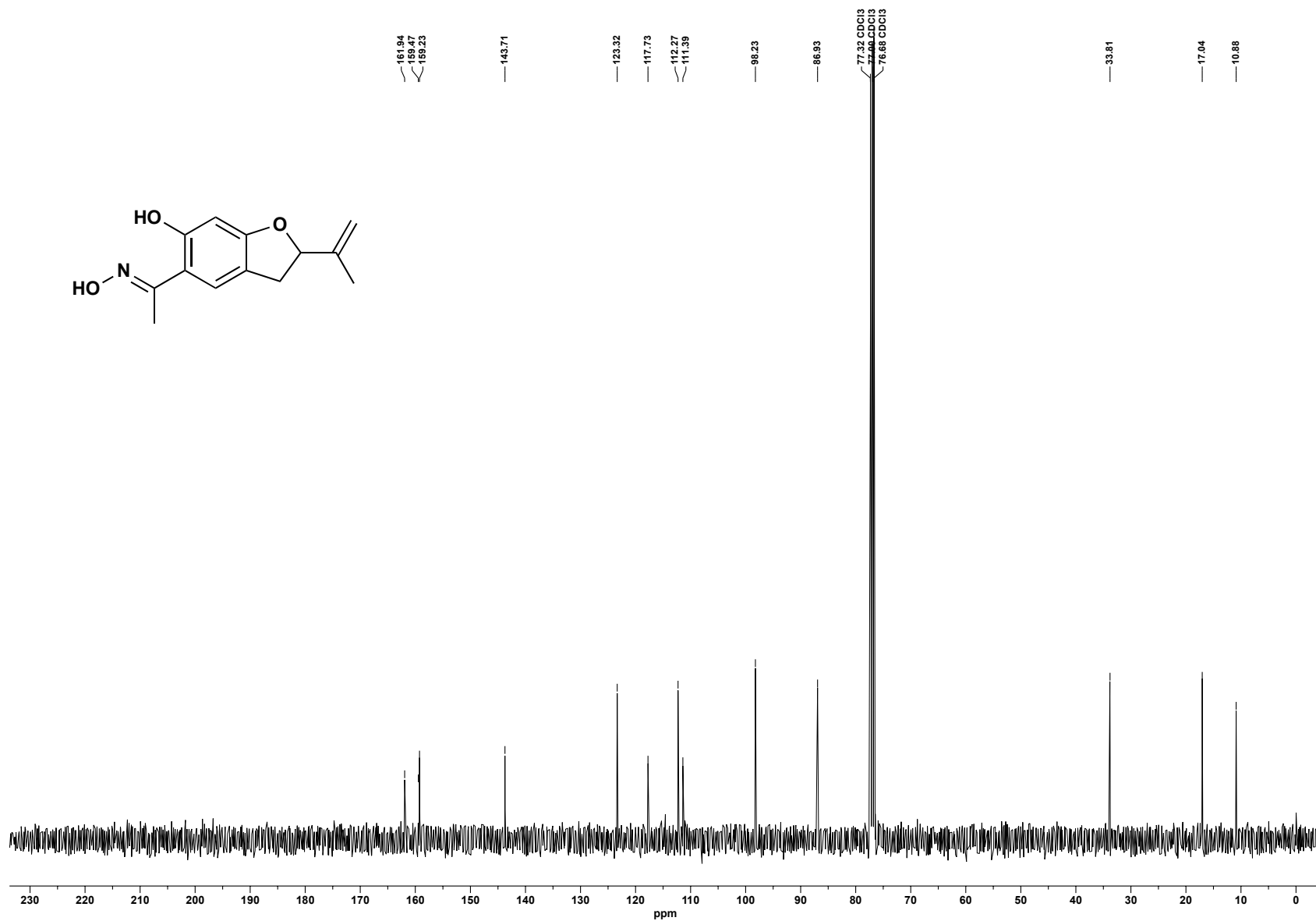


**Supplementary figure 7.-** HR EI-MS spectrum of 6-hydroxy-2-isopropenyl-5-acetyl-2,3-dihydrobenzofuran

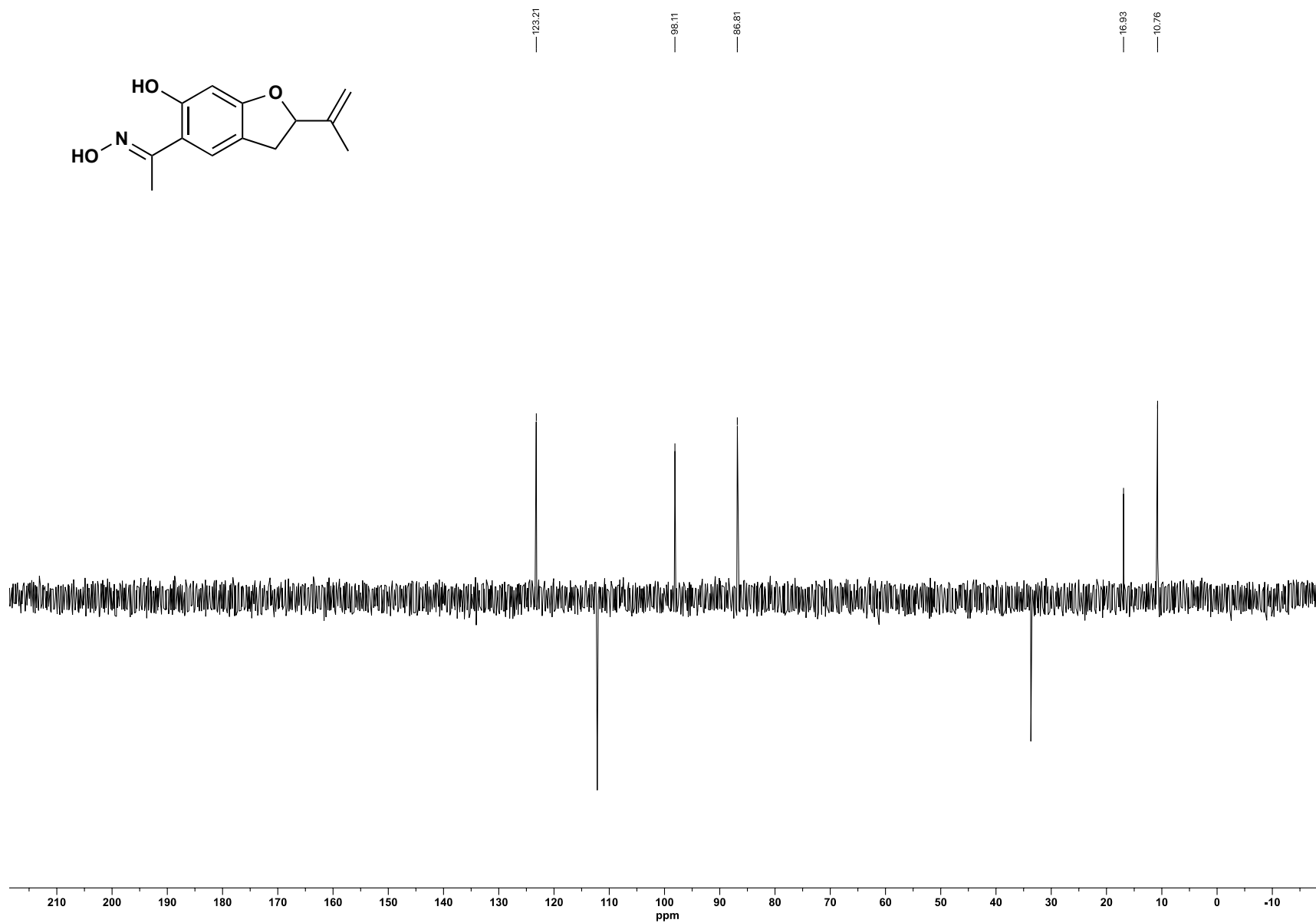
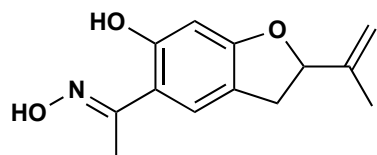




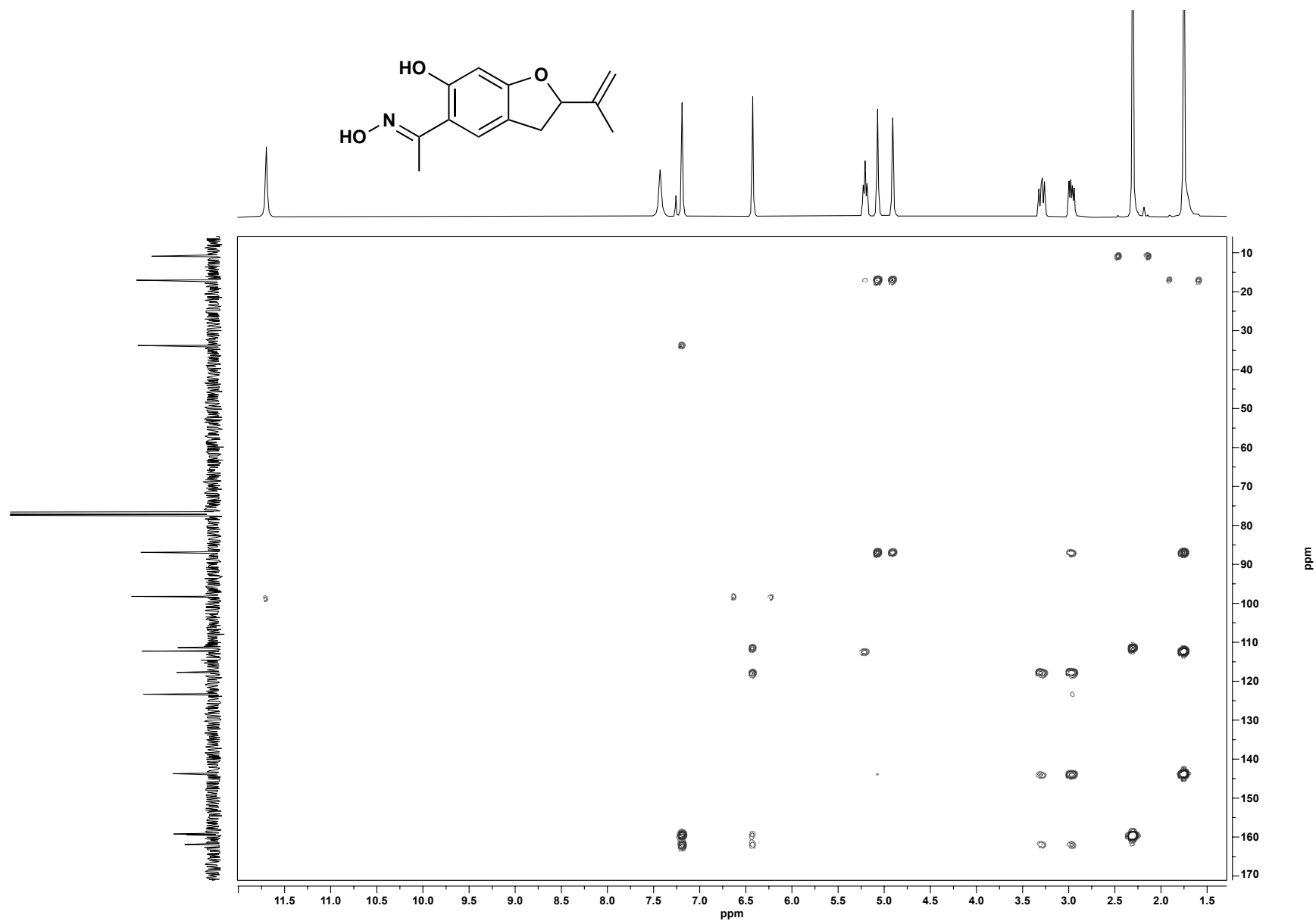
Supplementary figure 8.- <sup>1</sup>H NMR spectrum of 6-hydroxy-2-isopropenyl-5-acetyloxime-2,3-dihydrobenzofuran



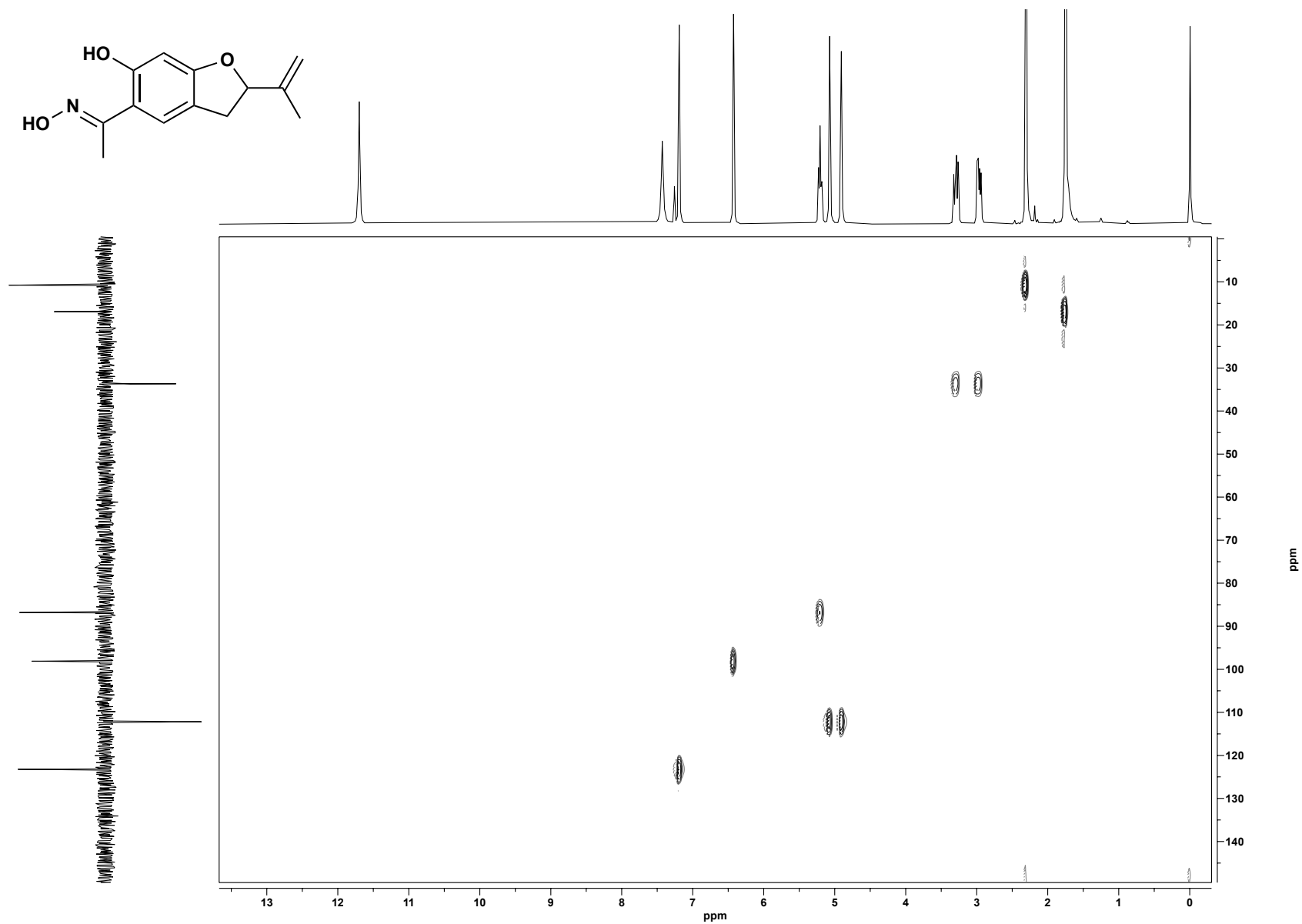
Supplementary figure 9.- <sup>13</sup>C NMR spectrum of 6-hydroxy-2-isopropenyl-5-acetyloxime-2,3-dihydrobenzofuran



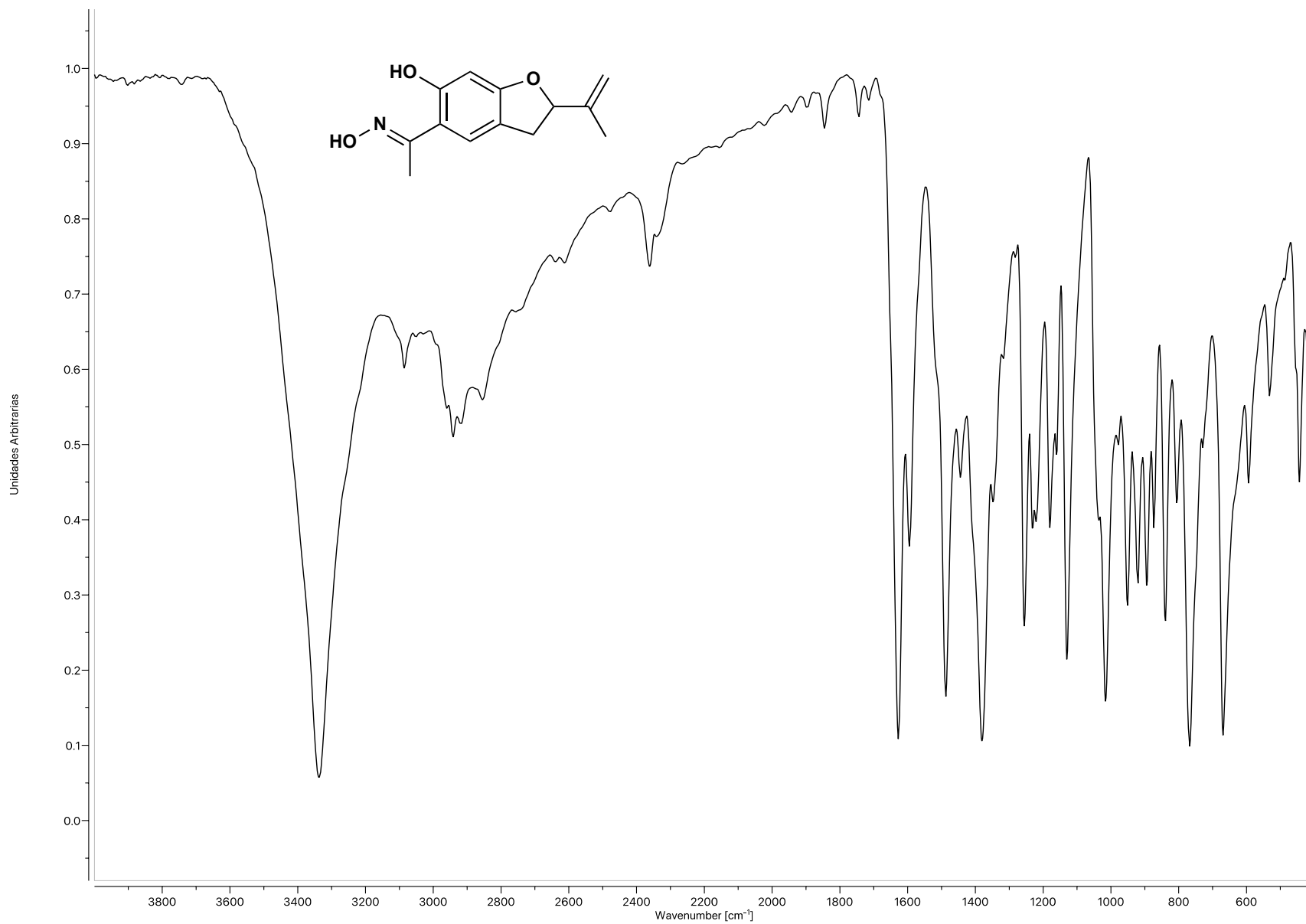
Supplementary figure 10.- DEPT135 spectrum of 6-hydroxy-2-isopropenyl-5-acetyloxime-2,3-dihydrobenzofuran



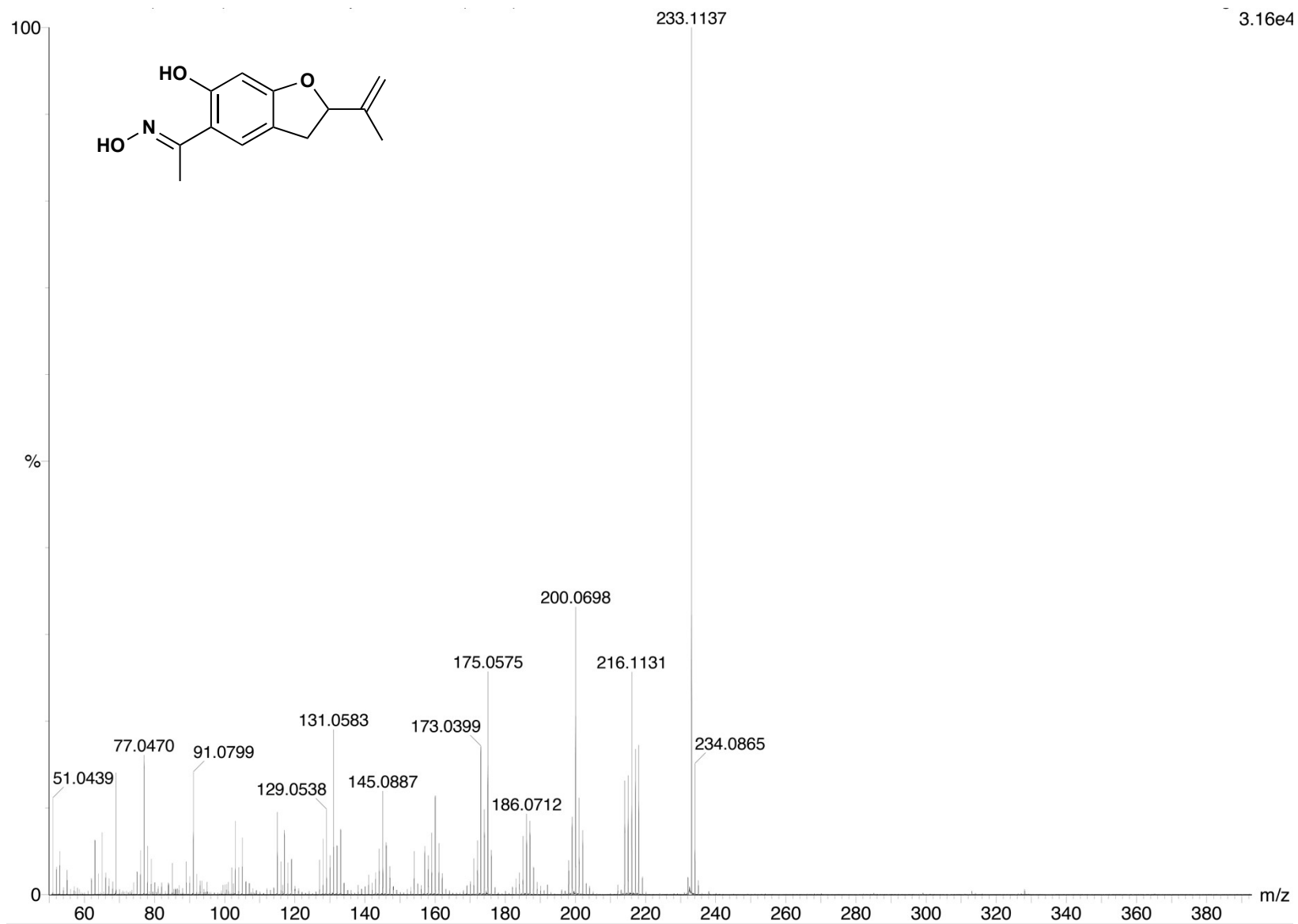
Supplementary figure 11.- HMBC spectrum of 6-hydroxy-2-isopropenyl-5-acetyloxime-2,3-dihydrobenzofuran



Supplementary figure 12.- HMQC spectrum of 6-hydroxy-2-isopropenyl-5-acetyloxime-2,3-dihydrobenzofuran



**Supplementary figure 13.-** FT-IR spectrum of 6-hydroxy-2-isopropenyl-5-acetyloxime-2,3-dihydrobenzofuran



**Supplementary figure 14.-** HR EI-MS spectrum of 6-hydroxy-2-isopropenyl-5-acetyloxime-2,3-dihydrobenzofuran