

*Supporting information*

**CHROMONE DERIVATIVES FROM THE TWIGS OF CASSIA AGNES AND THEIR ANTI-ROTAVIRUS ACTIVITY**

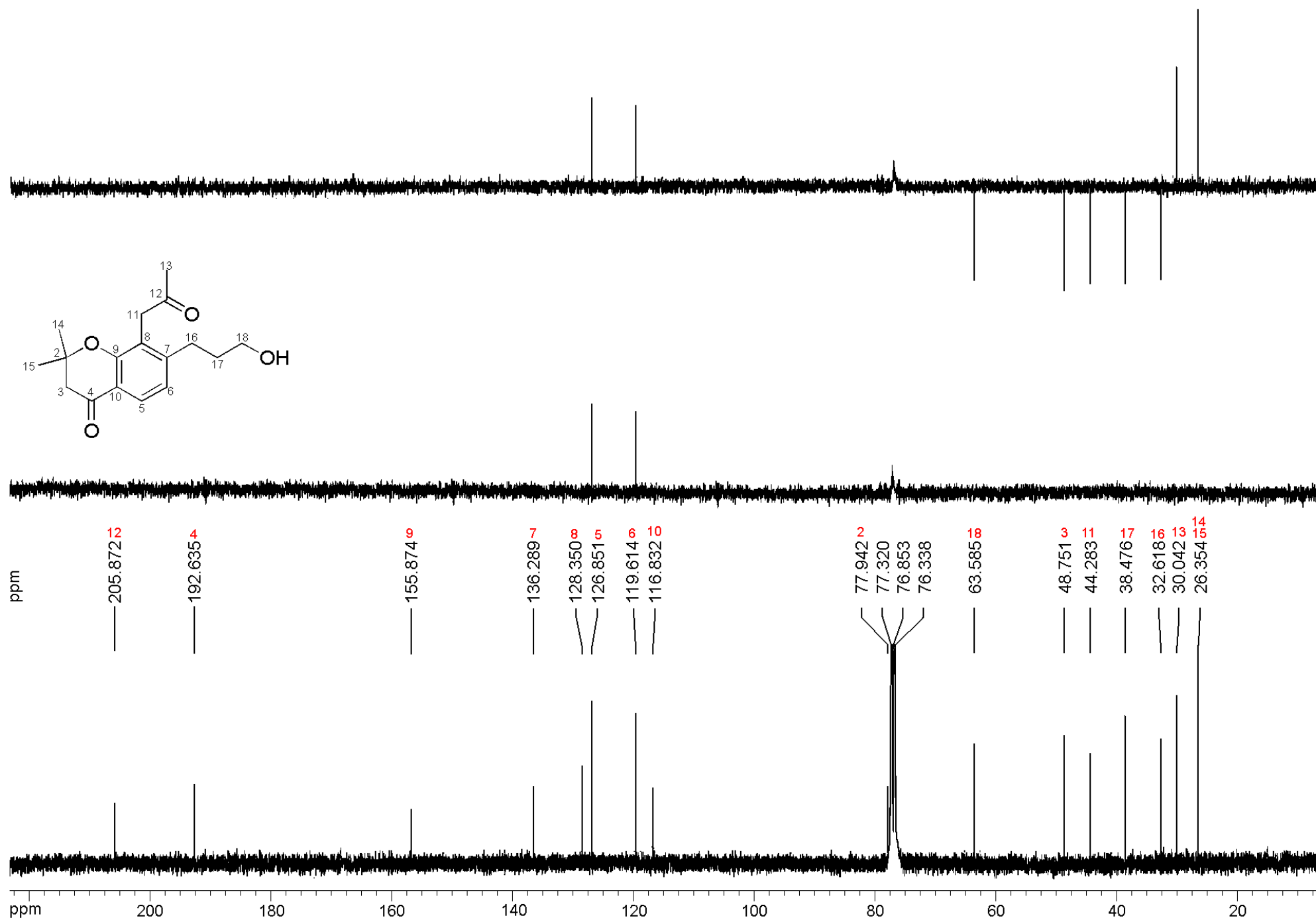
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Figure S1  $^{13}\text{C}$  NMR spectrum of 7-(3-hydroxypropyl)-2,2-dimethyl-8-(2-oxopropyl)chroman-4-one (**1**)



**Figure S2**  $^1\text{H}$  NMR spectrum of 7-(3-hydroxypropyl)-2,2-dimethyl-8-(2-oxopropyl)chroman-4-one (**1**)

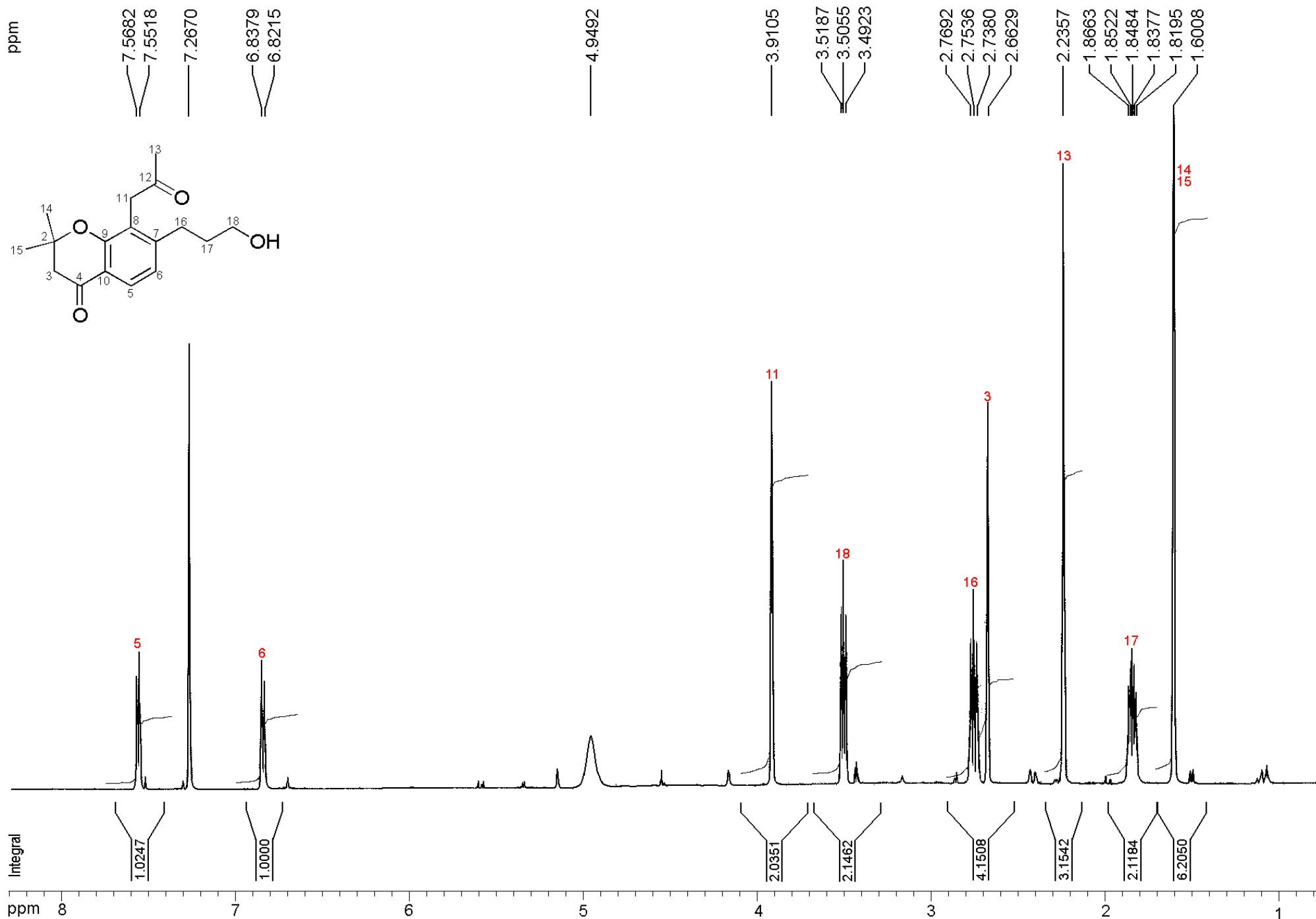
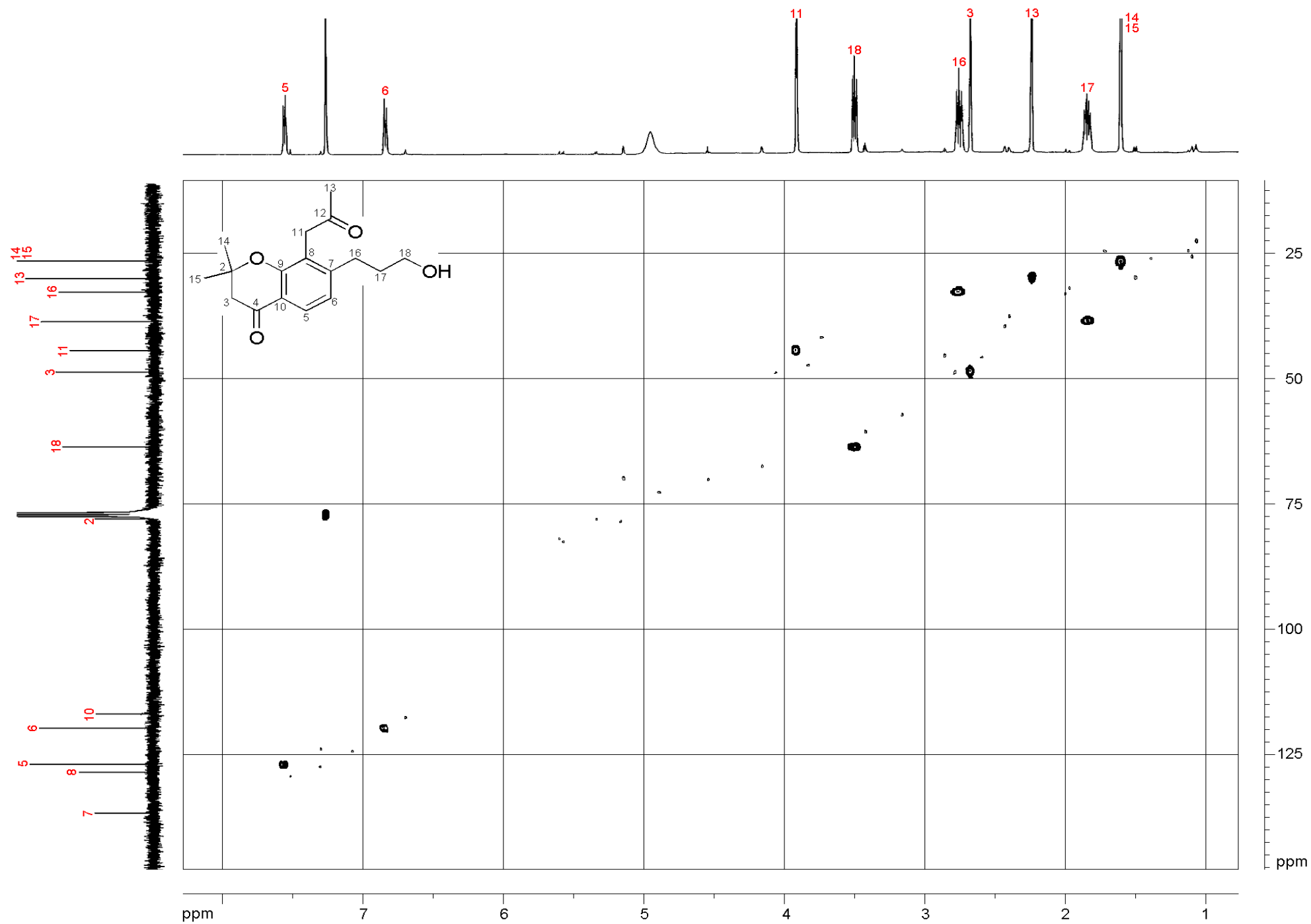


Figure S3 HSQC NMR spectrum of 7-(3-hydroxypropyl)-2,2-dimethyl-8-(2-oxopropyl)chroman-4-one (1)



**Figure S4** HMBC NMR spectrum of 7-(3-hydroxypropyl)-2,2-dimethyl-8-(2-oxopropyl)chroman-4-one (**1**)

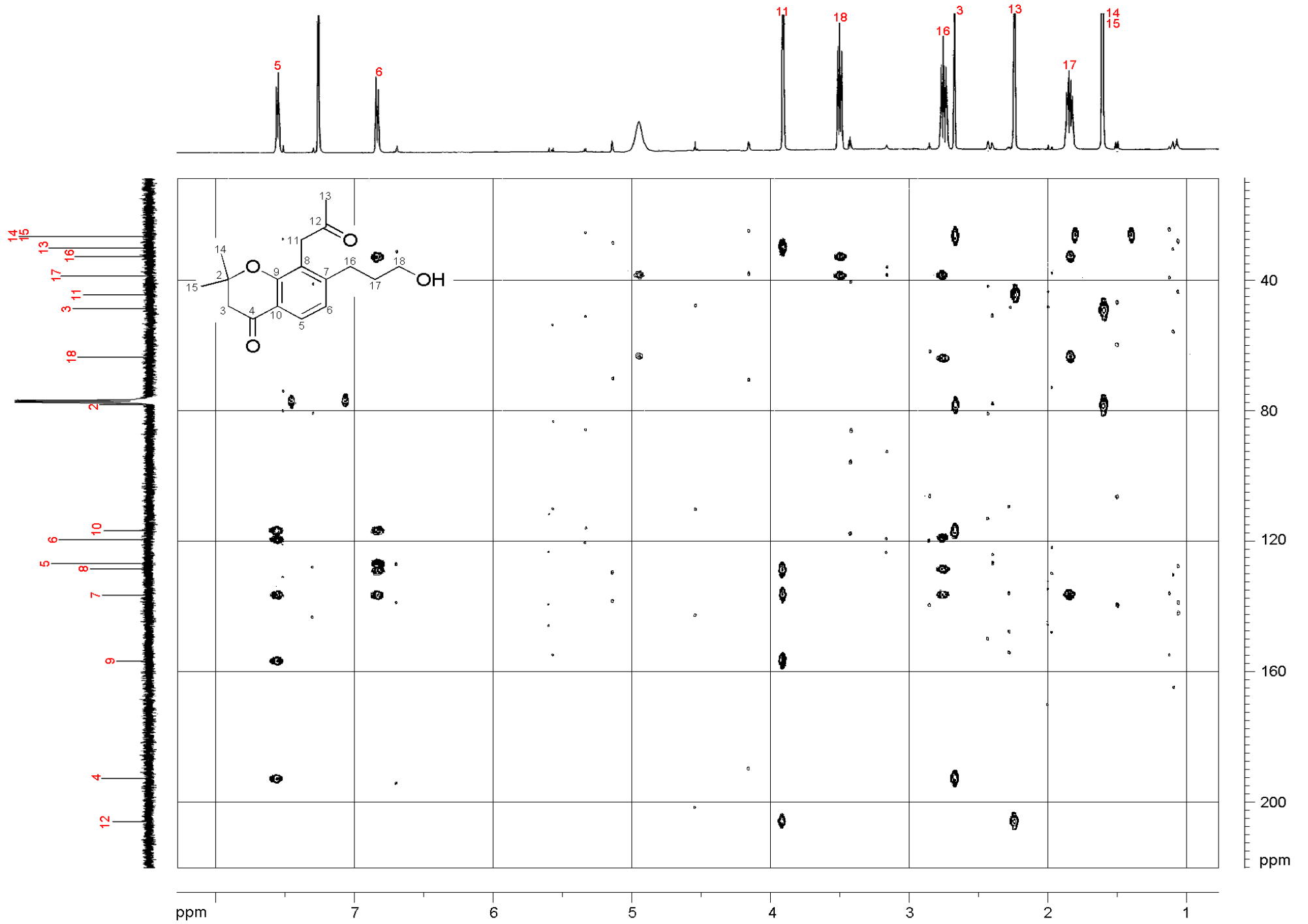


Figure S5 <sup>13</sup>C NMR spectrum of 2,2,7-trimethyl-8-(2-oxopropyl) chroman-4-one (2)

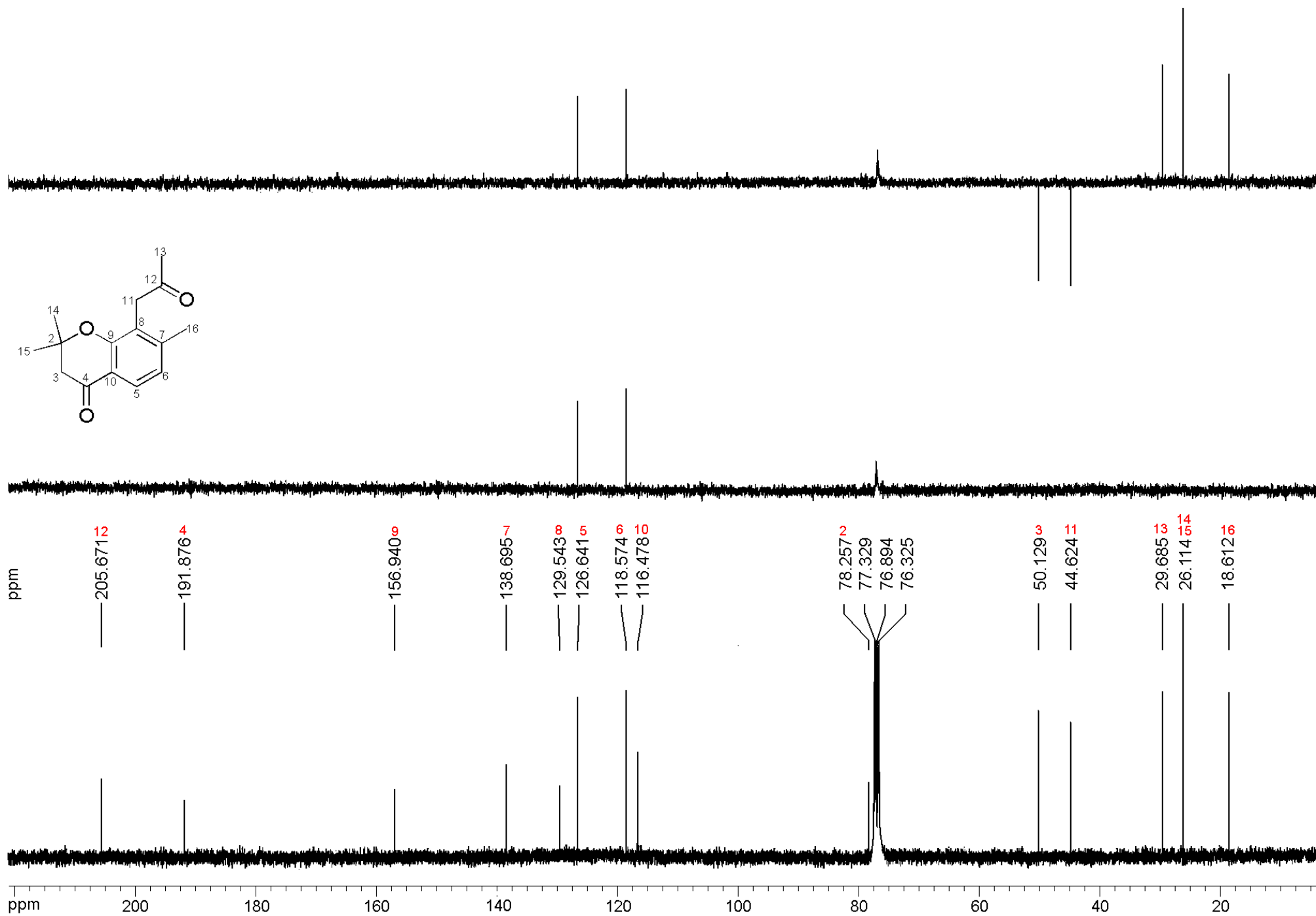


Figure S6 <sup>1</sup>H NMR spectrum of 2,2,7-trimethyl-8-(2-oxopropyl) chroman-4-one (2)

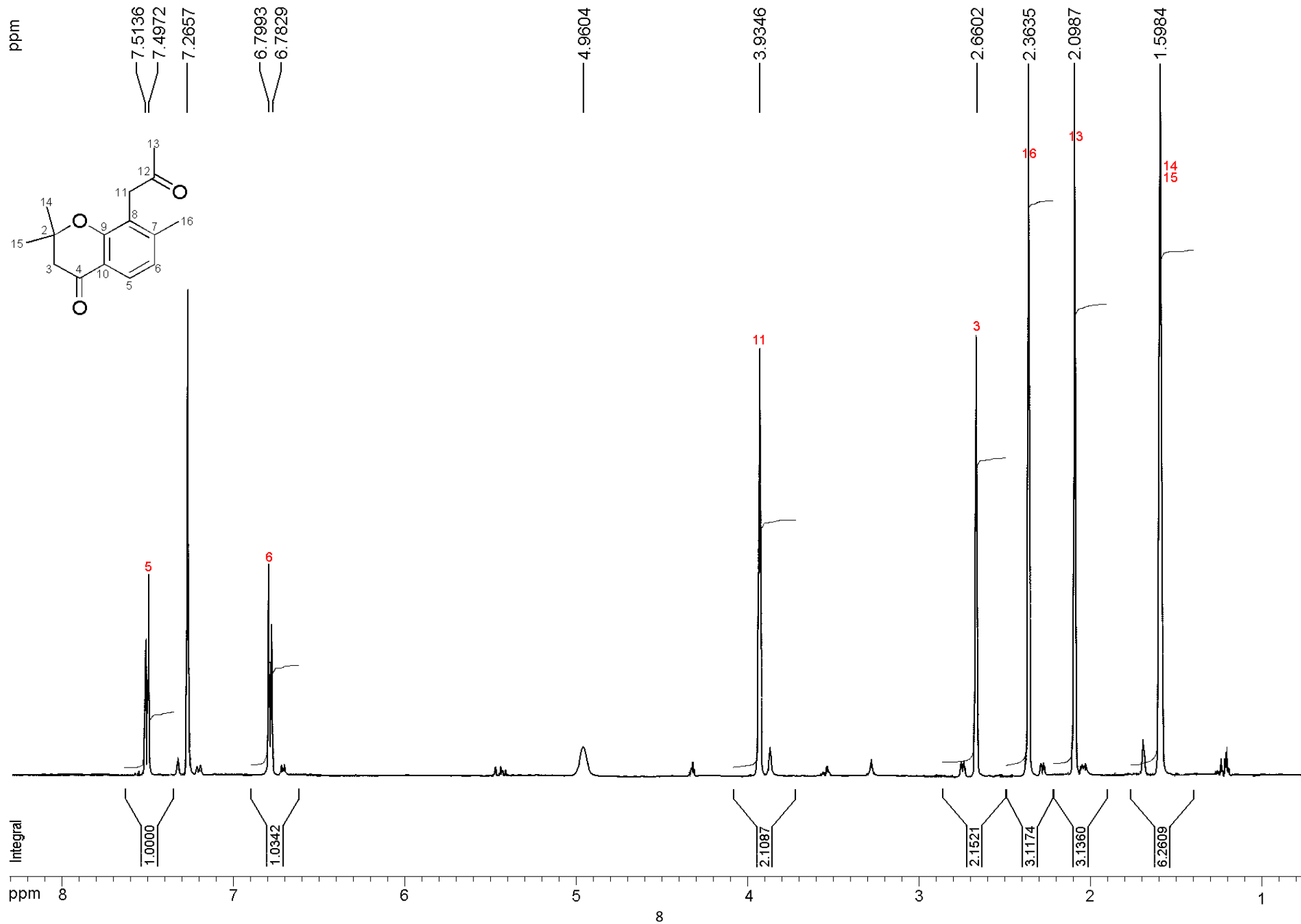




Figure S7 <sup>13</sup>C NMR spectrum of 6-(3-hydroxypropyl)-2,2-dimethyl-8-(2-oxopropyl)chroman-4-one (3)

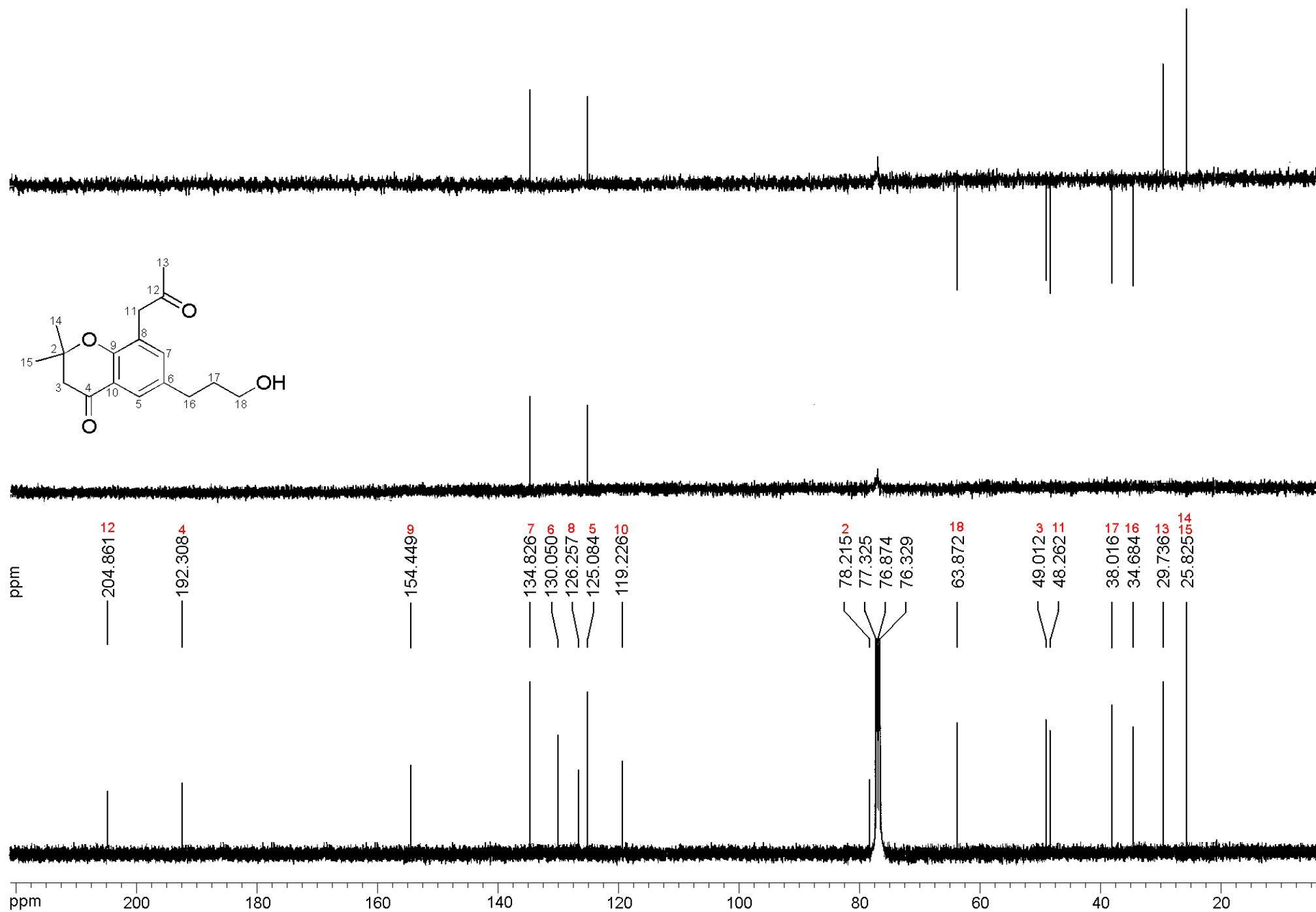


Figure S8 <sup>1</sup>H NMR spectrum of 6-(3-hydroxypropyl)-2,2-dimethyl-8-(2-oxopropyl)chroman-4-one (3)

