

## Supplementary Data

### *Stenotrophomonas maltophilia: a Gram-negative bacterium useful for transformations of flavanone and chalcone*

Edyta Kostrzewa-Susłow <sup>1,\*</sup>, Monika Dymarska <sup>1</sup>, Urszula Guzik <sup>2</sup>, Danuta Wojcieszynska <sup>2</sup> and Tomasz Janeczko <sup>1</sup>

<sup>1</sup> Department of Chemistry, Faculty of Biotechnology and Food Science, Wrocław University of Environmental and Life Sciences, Norwida 25, 50-375 Wrocław, Poland

<sup>2</sup> Department of Biochemistry, Faculty of Biology and Environmental Protection, University of Silesia in Katowice, Jagiellonska 28, 40-032 Katowice, Poland

\* Correspondence: ekostrzew@gmail.com; Tel.: +48-71-320-5195

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Figure S1. <sup>1</sup>H NMR spectrum of 7-methoxyflavanone (1) (THF-d<sub>8</sub>, 600 MHz)

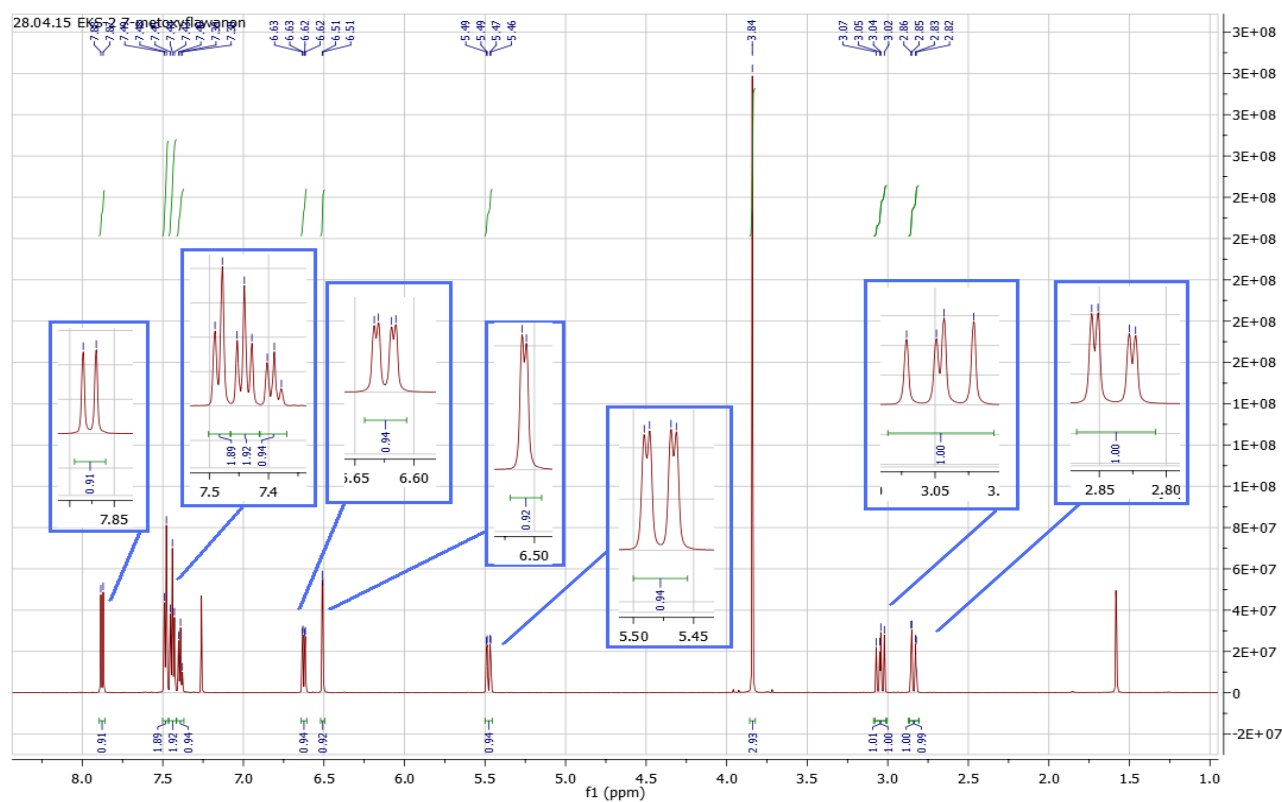


Figure S2. <sup>13</sup>C NMR spectrum of 7-methoxyflavanone (1) (THF-d<sub>8</sub>, 151 MHz)

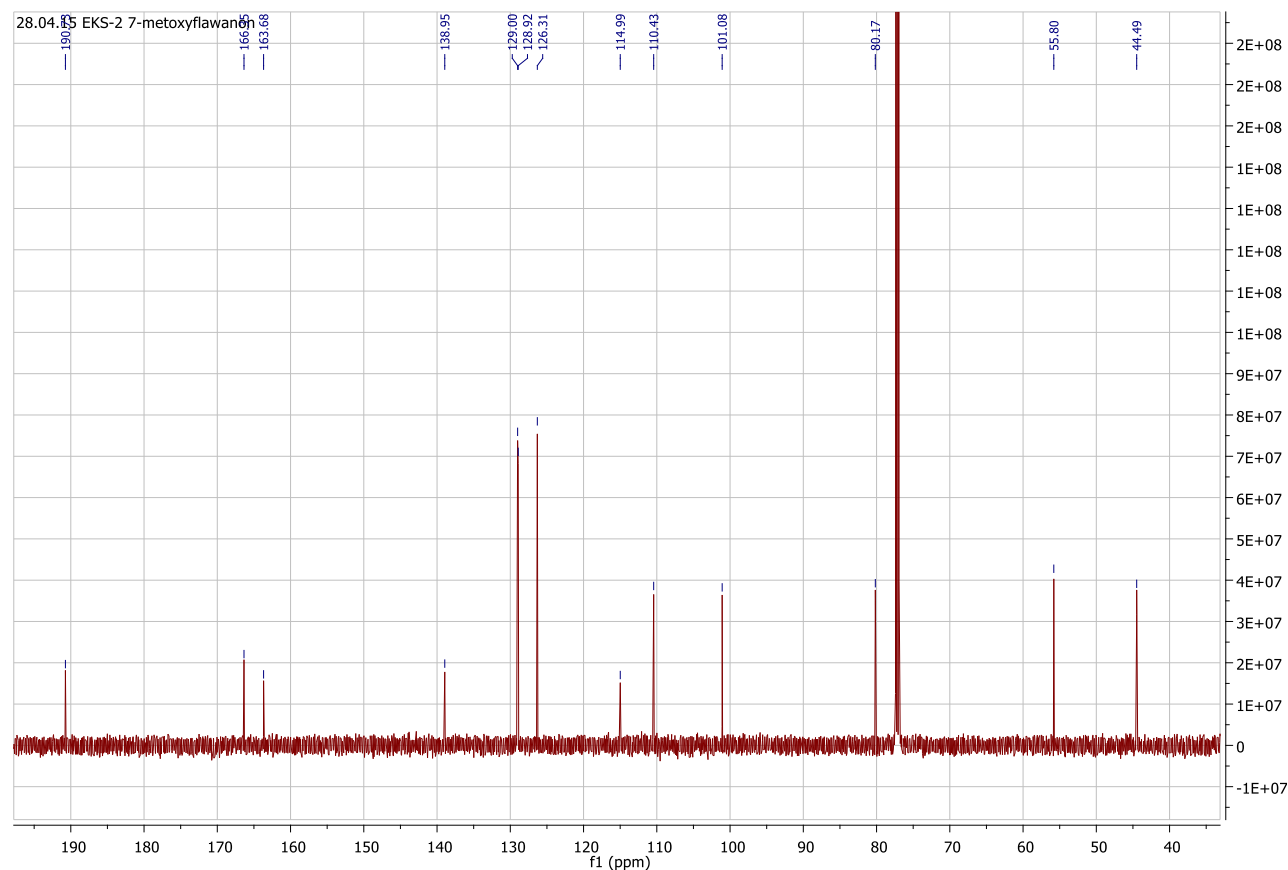


Figure S3.  $^1\text{H}$  NMR spectrum of 5, 7-dimethoxyflavanone (**2**) (THF- $d_6$ , 600 MHz)

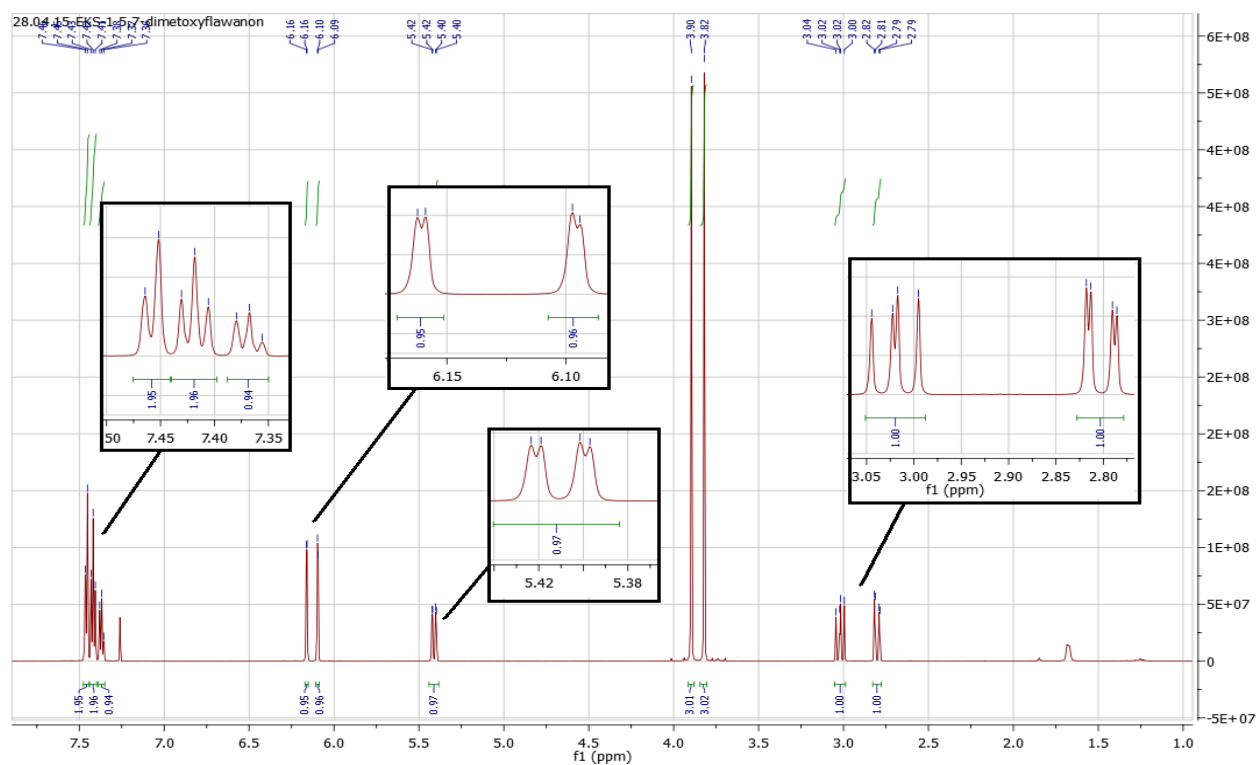


Figure S4.  $^{13}\text{C}$  NMR spectrum of 5, 7-dimethoxyflavanone (**2**) (THF- $d_6$ , 151 MHz)

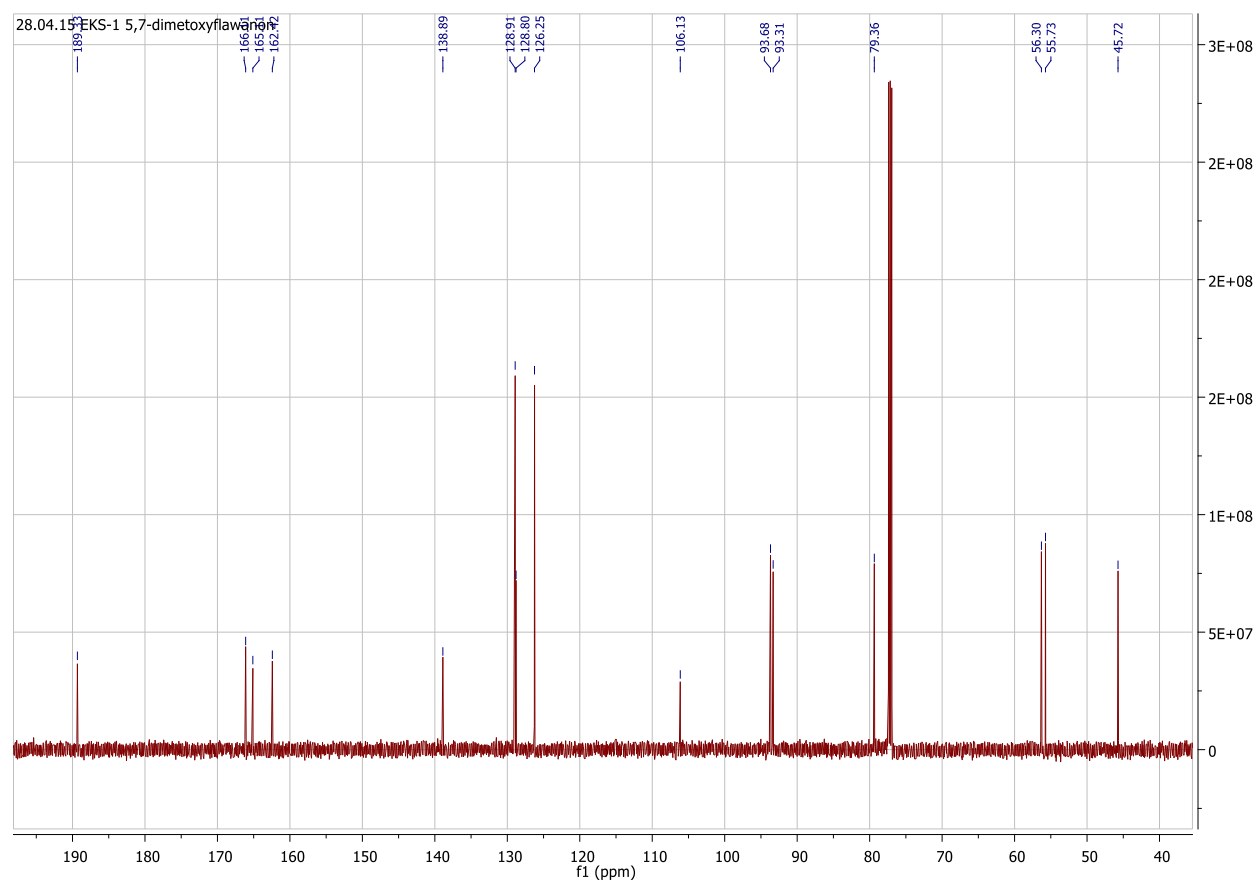


Figure S5.  $^1\text{H}$  NMR spectrum of 2'-hydroxy-3-methoxychalcone (**3**) ( $\text{CDCl}_3$ , 600 MHz)

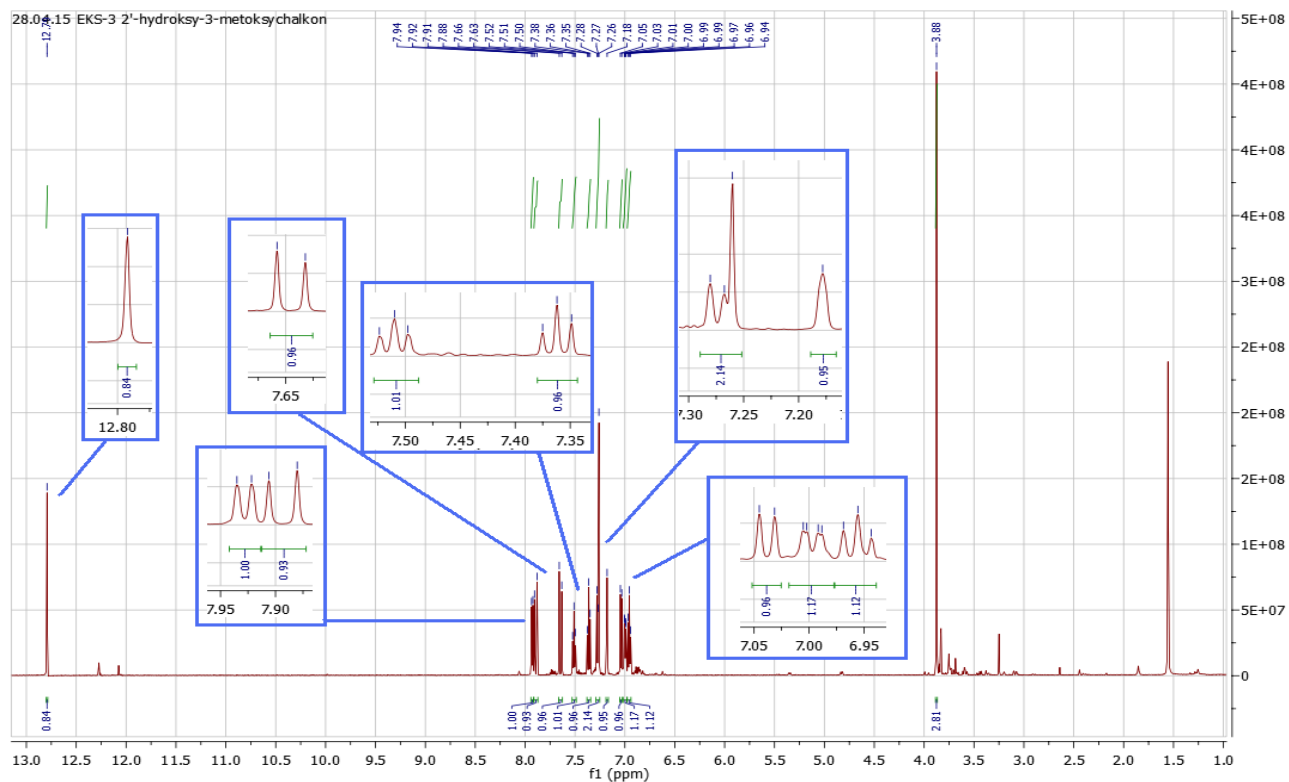


Figure S6.  $^{13}\text{C}$  NMR spectrum of 2'-hydroxy-3-methoxychalcone (**3**) ( $\text{CDCl}_3$ , 151 MHz)

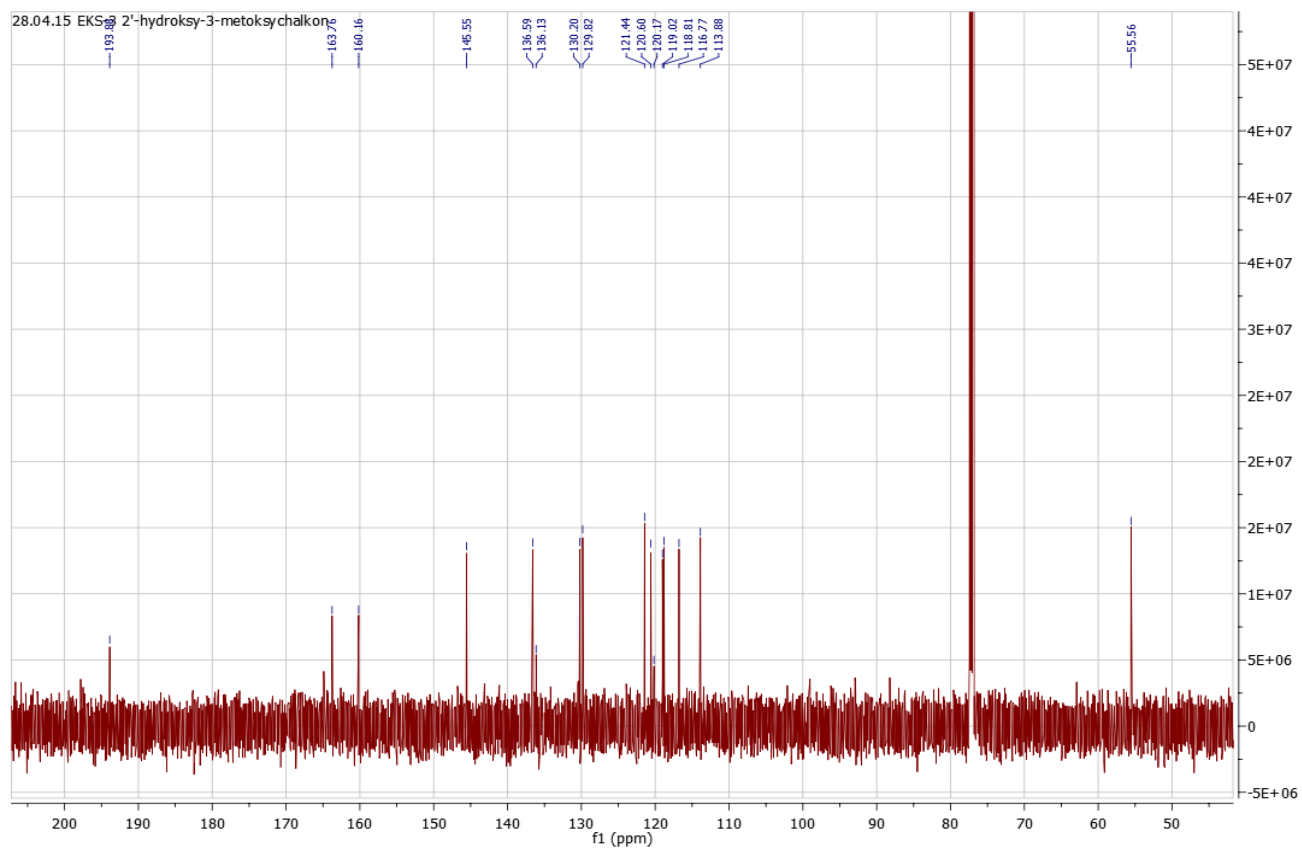


Figure S7.  $^1\text{H}$  NMR spectrum of 2'-hydroxy-4'-methoxychalcone (**4**) ( $\text{CDCl}_3$ , 600 MHz)

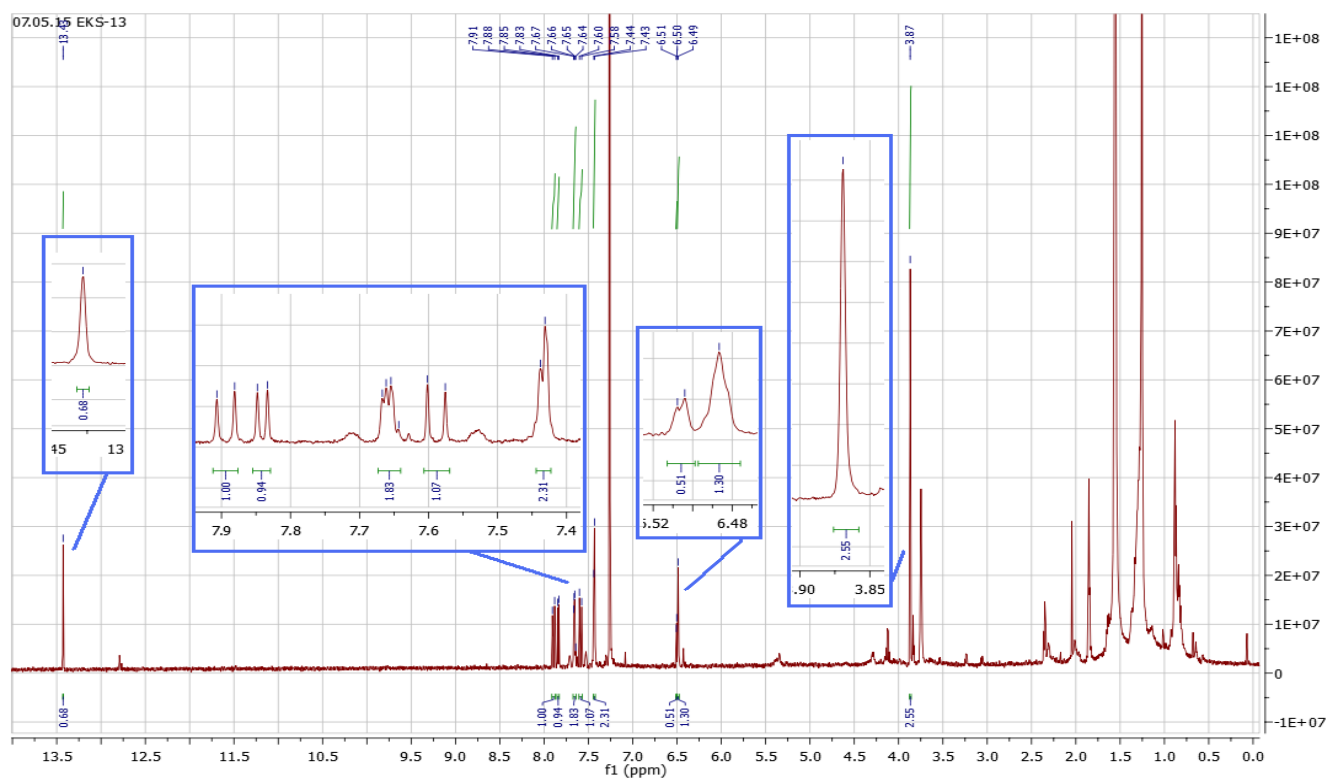


Figure S8.  $^{13}\text{C}$  NMR spectrum of 2'-hydroxy-4'-methoxychalcone (**4**) ( $\text{CDCl}_3$ , 151 MHz)

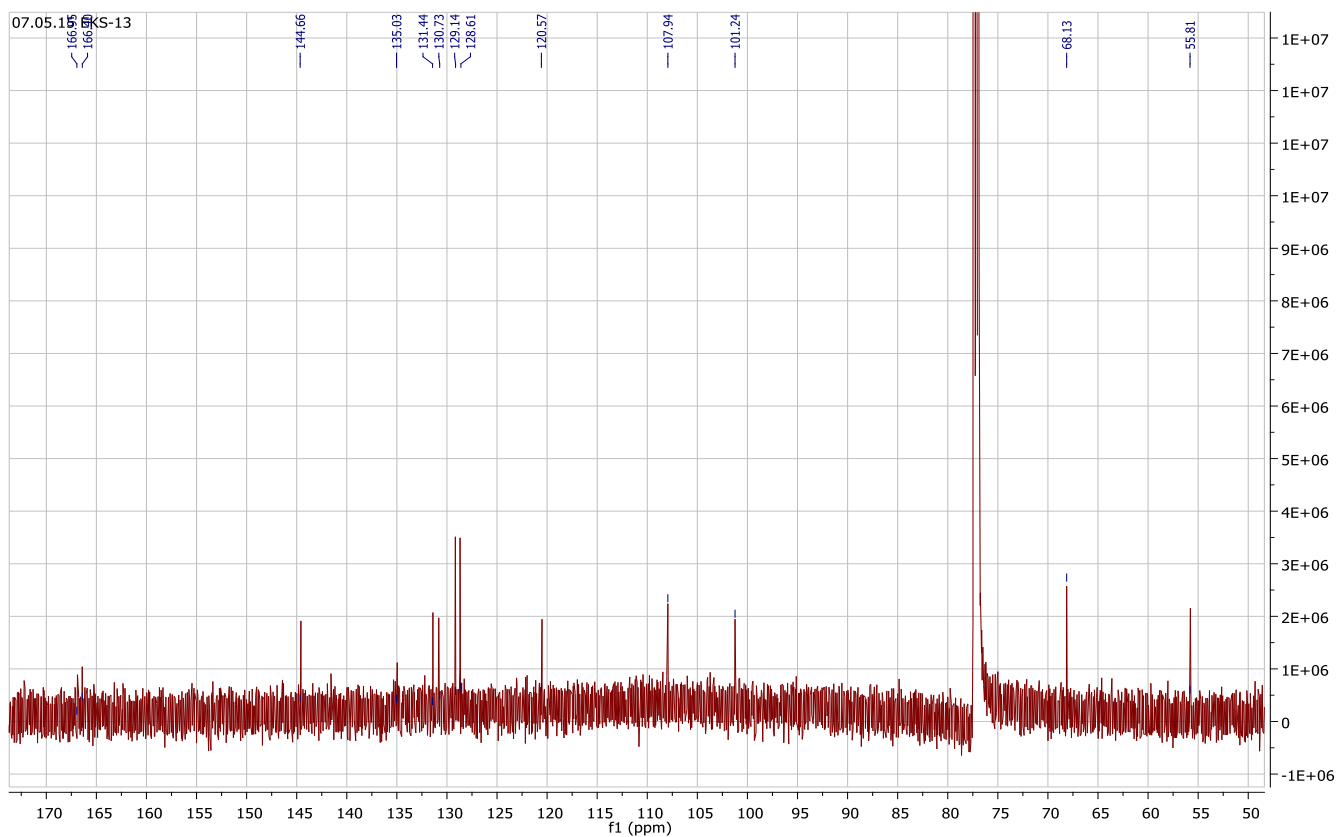


Figure S9. <sup>1</sup>H NMR spectrum of 2'-hydroxy-4'-methoxydihydrochalcone (5) (CDCl<sub>3</sub>, 600 MHz)

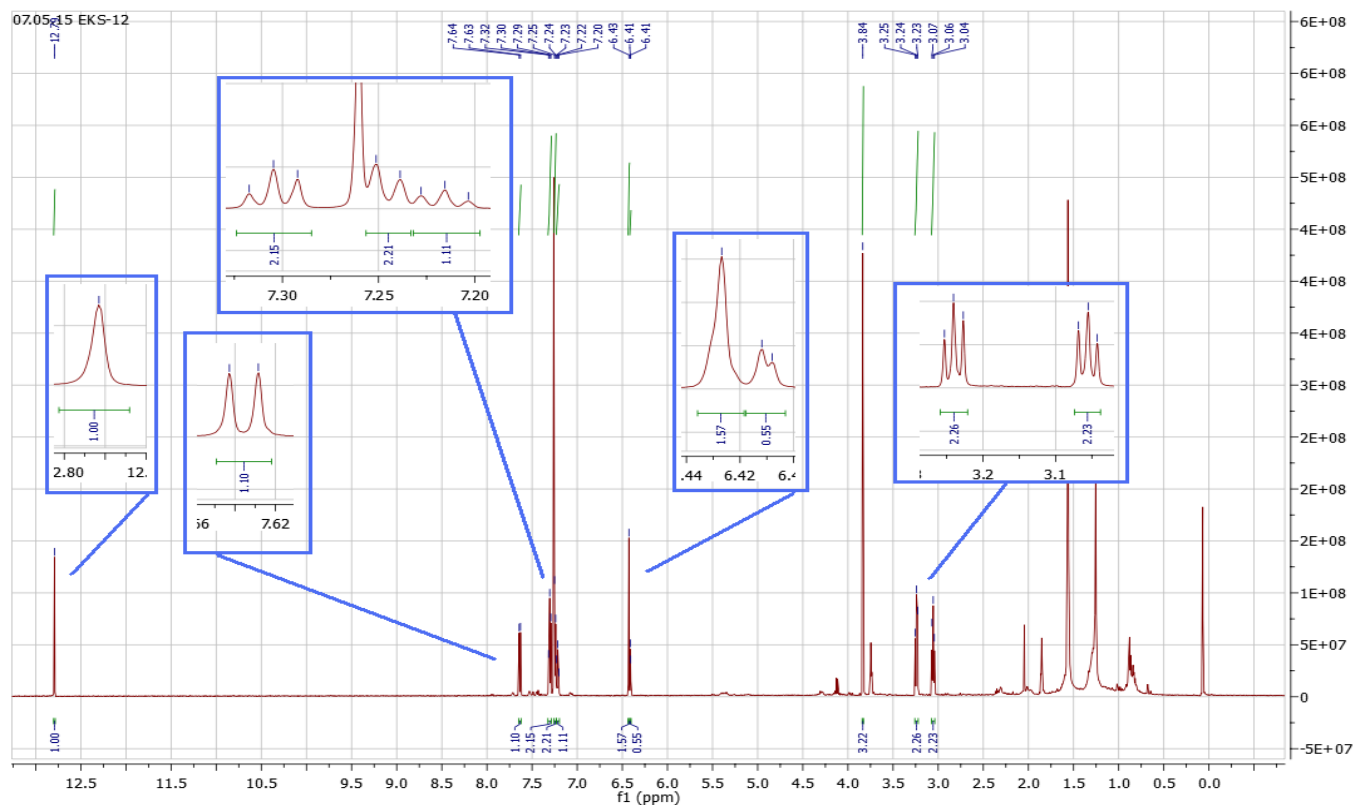


Figure S10. <sup>13</sup>C NMR spectrum of 2'-hydroxy-4'-methoxydihydrochalcone (5) (CDCl<sub>3</sub>, 151 MHz)

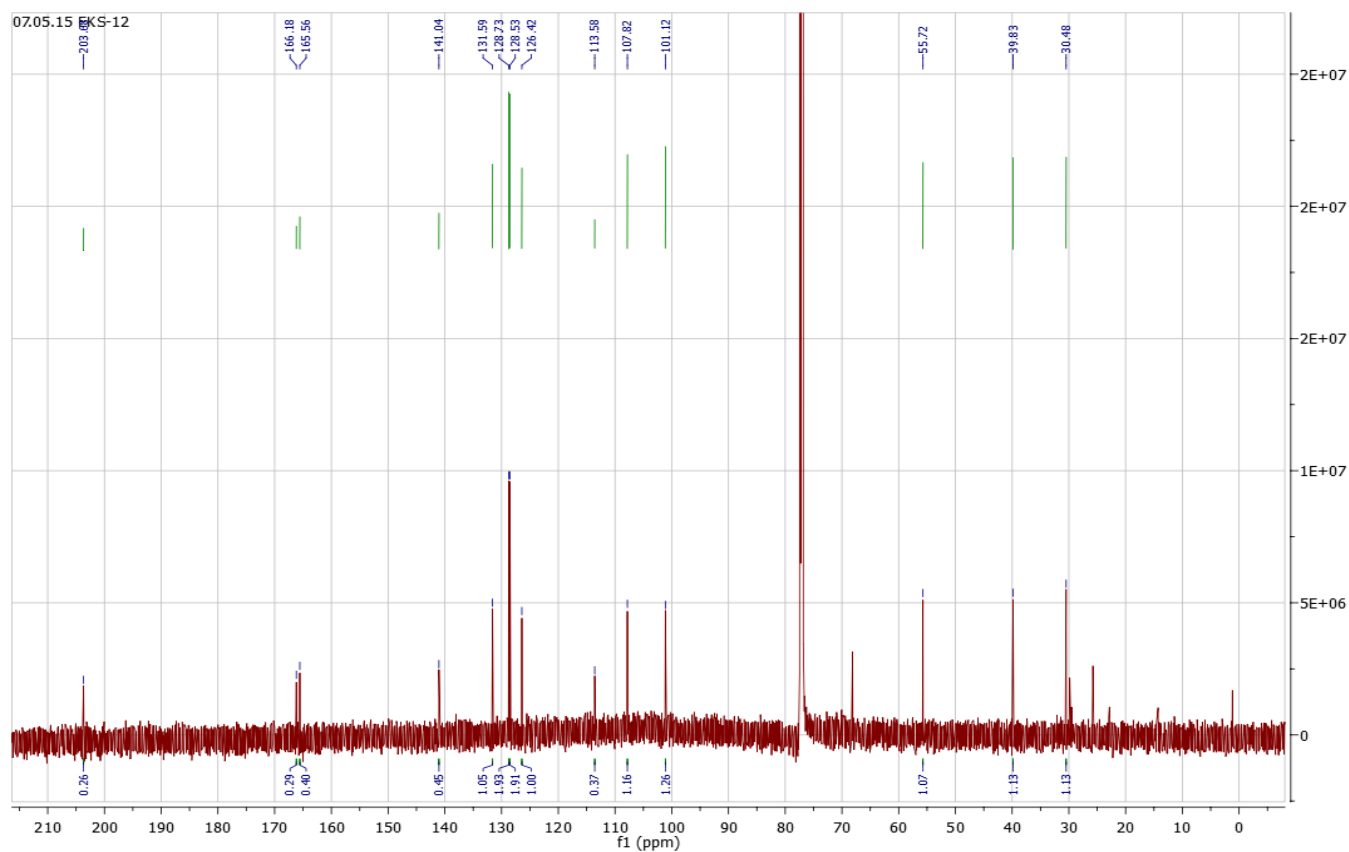


Figure S11.  $^1\text{H}$  NMR spectrum of 3,7,8-trihydroxyflavone (**6**) ( $\text{CDCl}_3$ , 600 MHz)

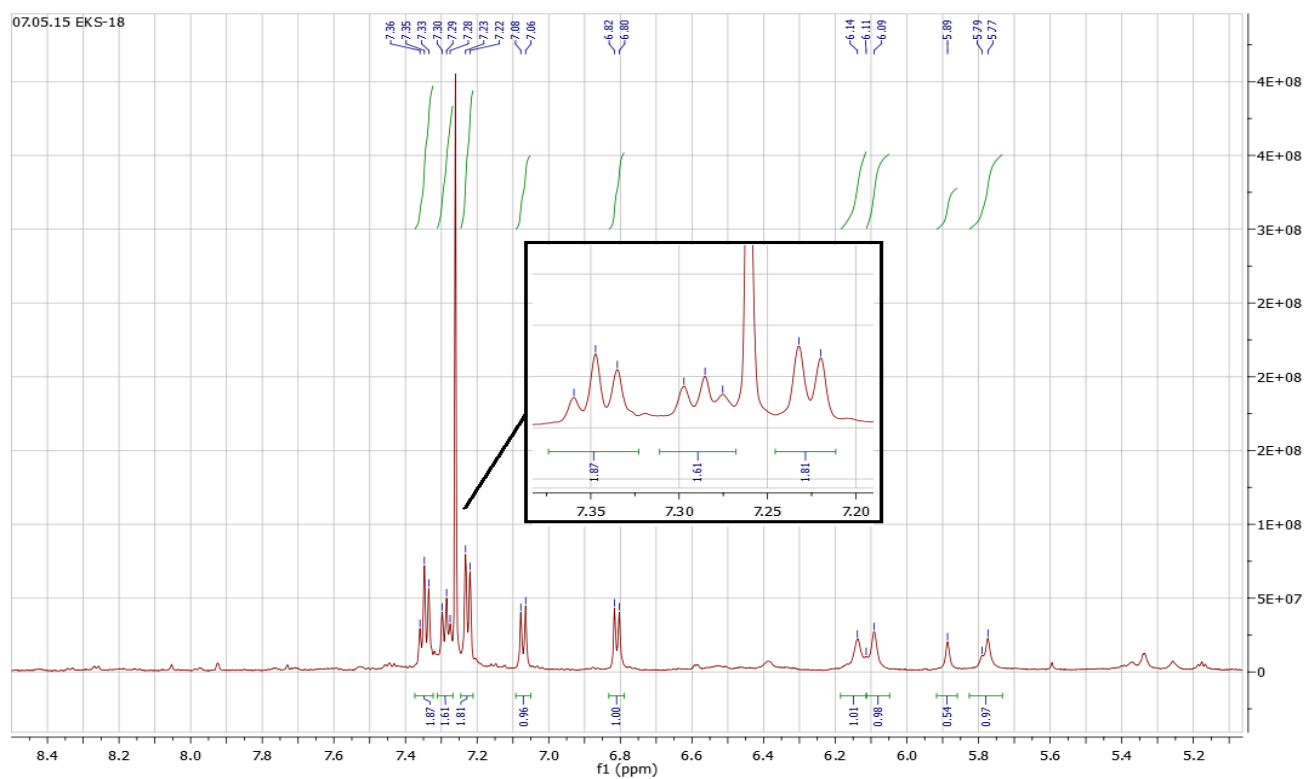


Figure S12.  $^{13}\text{C}$  NMR spectrum of 3,7,8-trihydroxyflavone (**6**) ( $\text{CDCl}_3$ , 151 MHz)

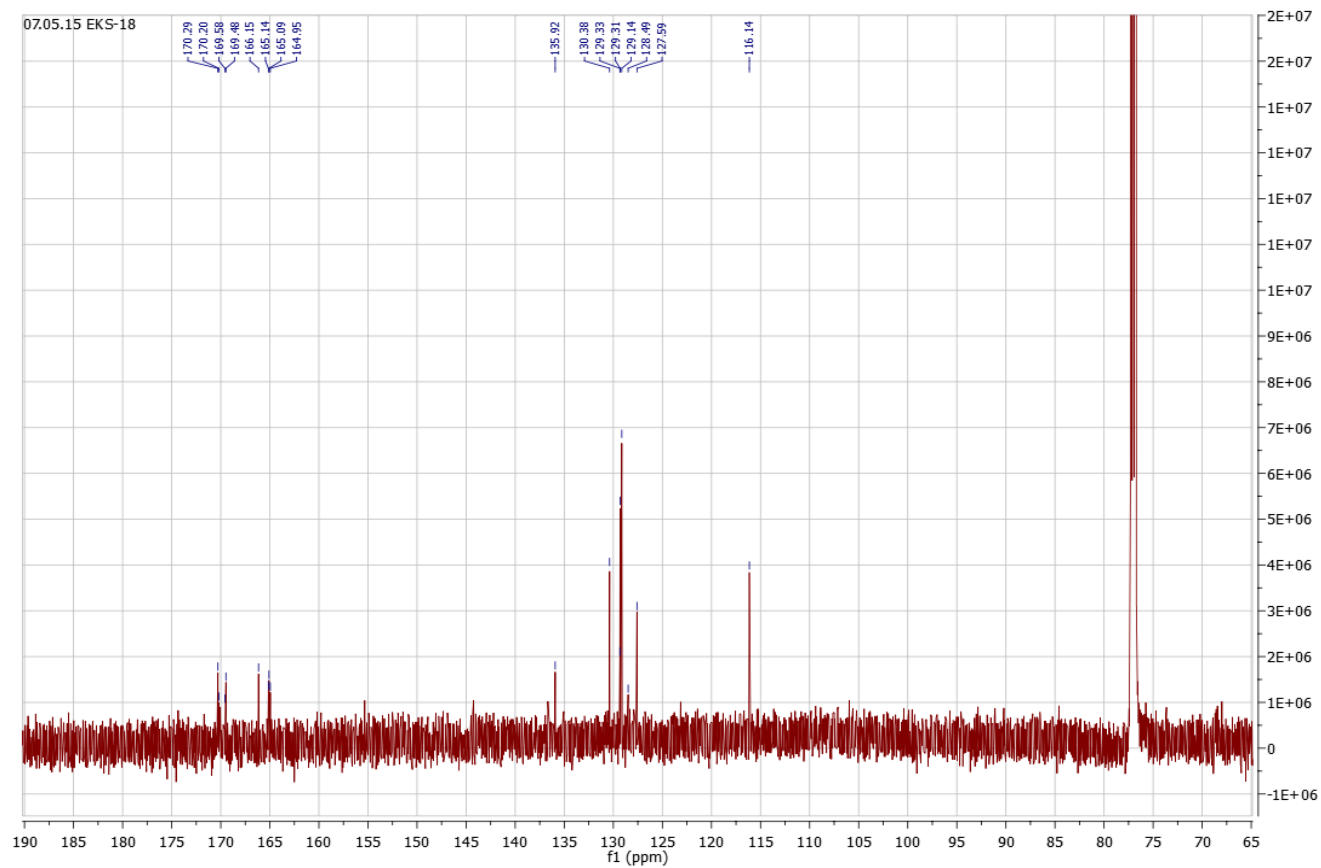


Figure S13. <sup>1</sup>H NMR spectrum of 7-hydroxyflavanone (7) (THF, 600 MHz)

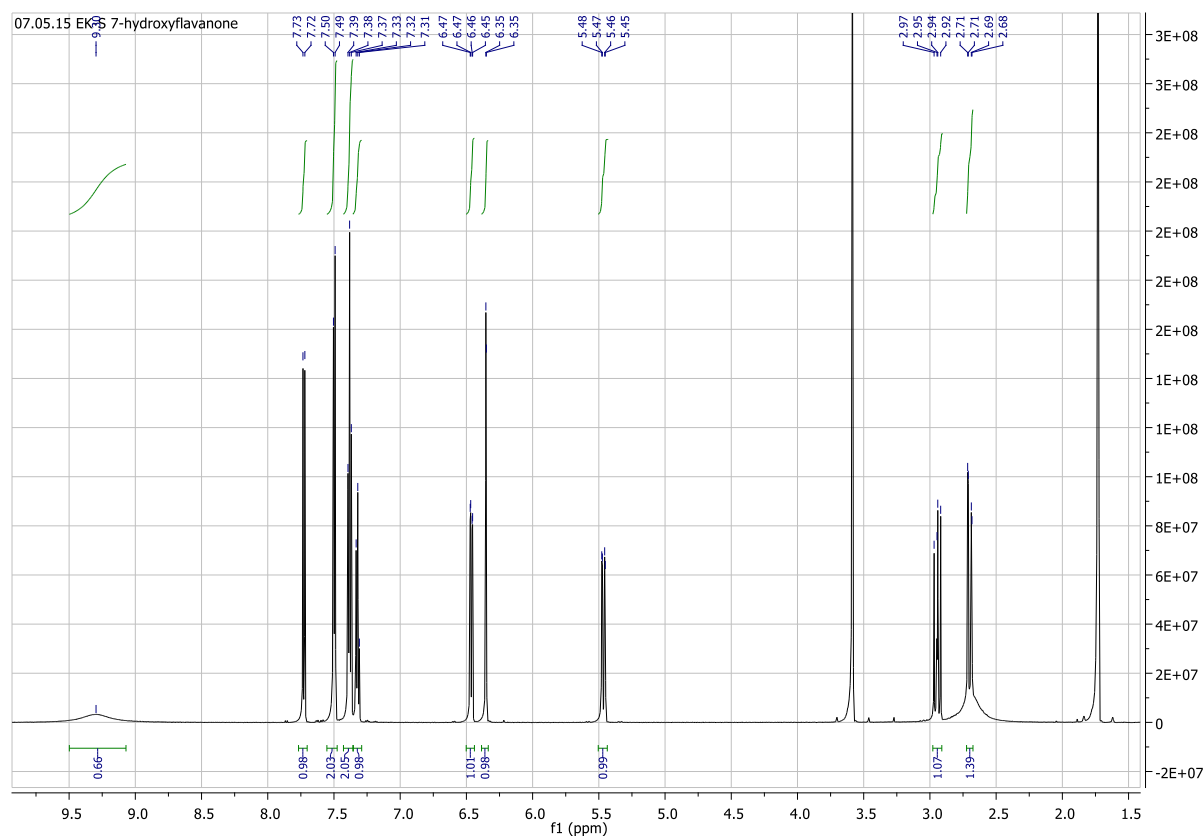


Figure S14. <sup>13</sup>C NMR spectrum of 7-hydroxyflavanone (7) (THF, 151 MHz)

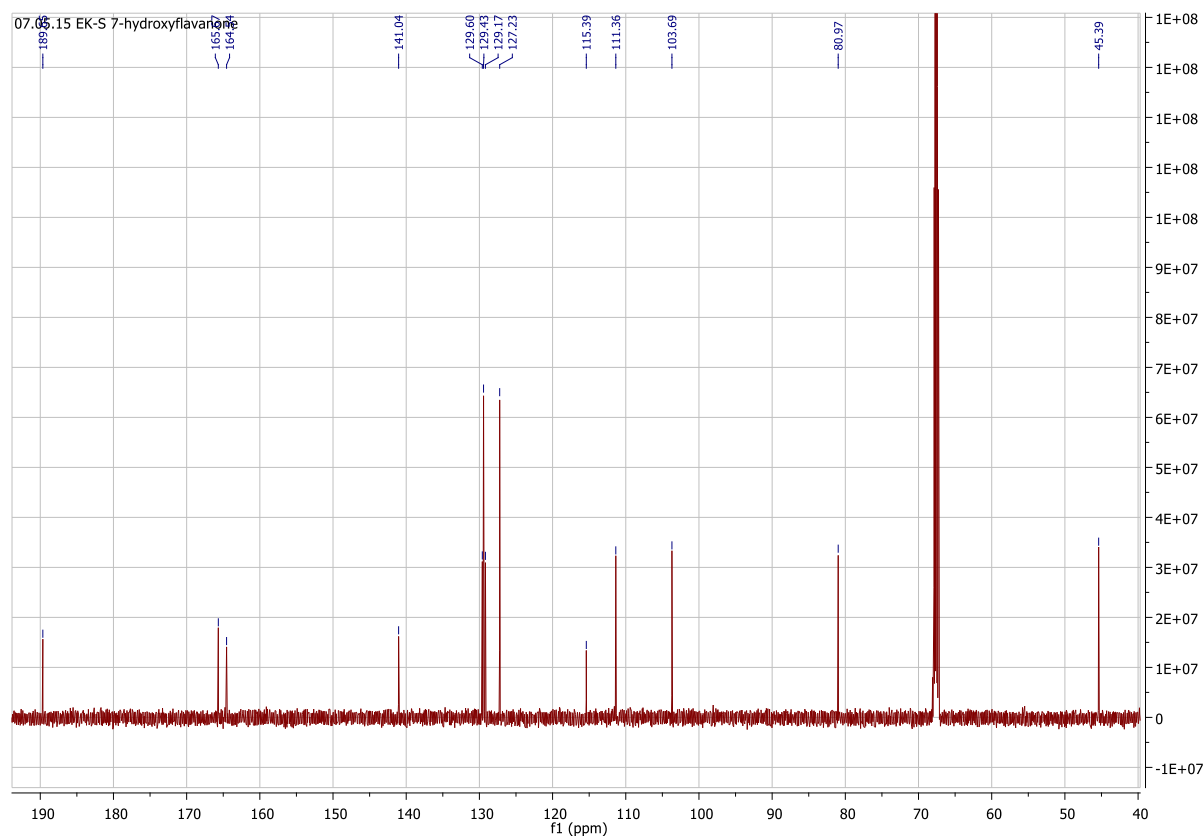




Figure S15.  $^1\text{H}$  NMR spectrum of 2'-hydroxy-4', 6'-dimethoxychalcone (**8**) ( $\text{CDCl}_3$ , 600 MHz)

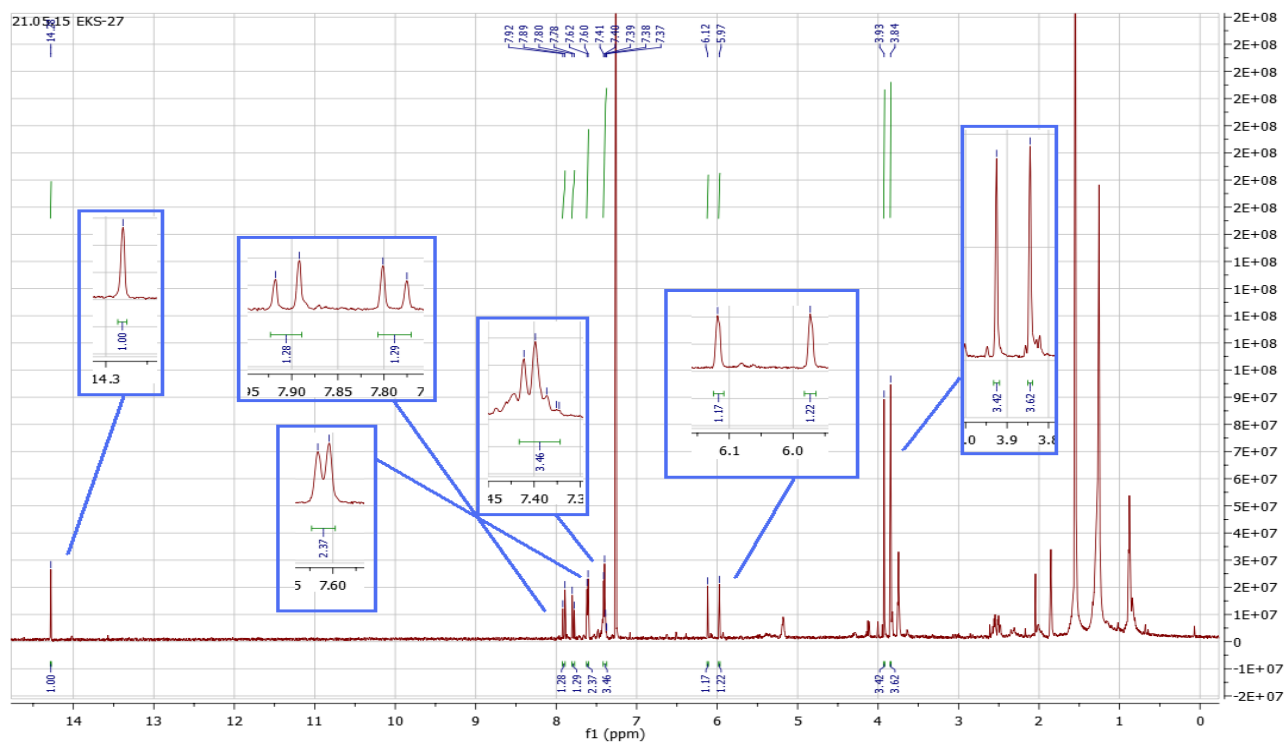


Figure S16.  $^{13}\text{C}$  NMR spectrum of 2'-hydroxy-4', 6'-dimethoxychalcone (**8**) ( $\text{CDCl}_3$ , 151 MHz)

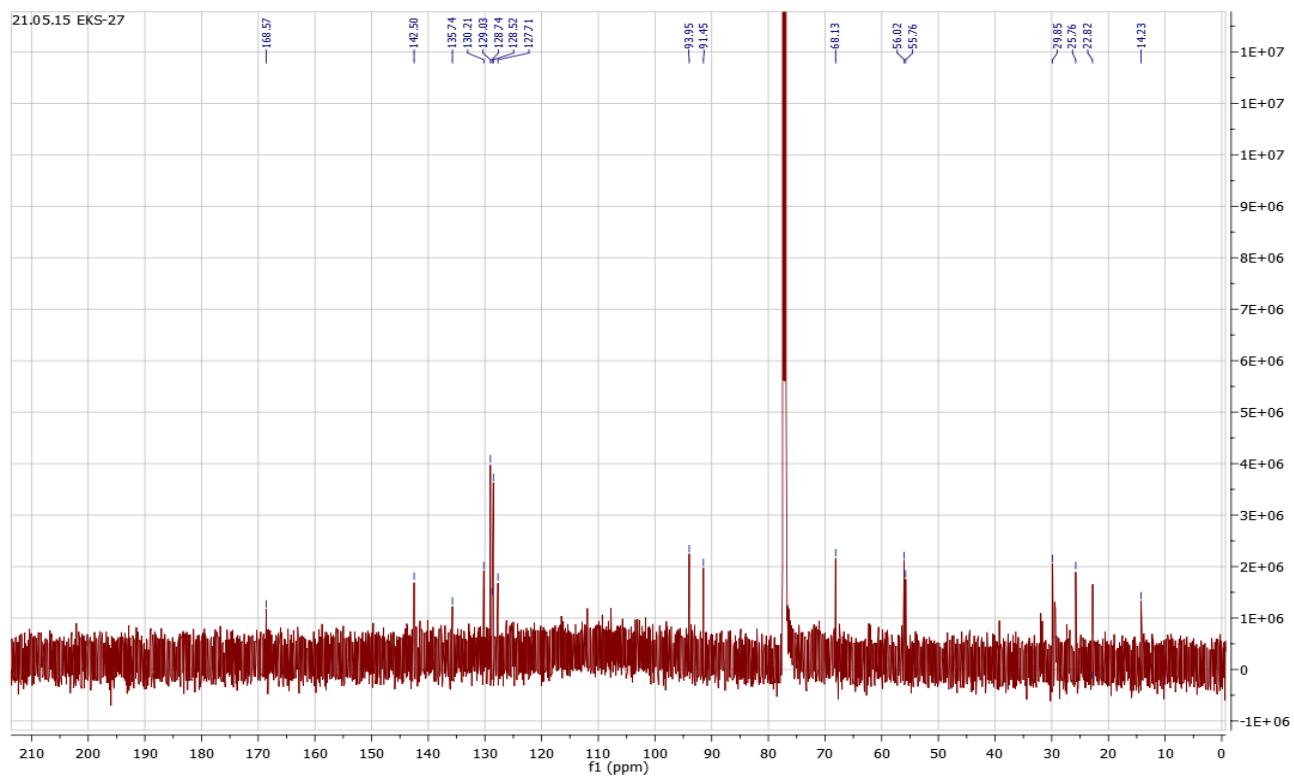


Figure S17.  $^1\text{H}$  NMR spectrum of 2'-hydroxy-4',6'-dimethoxydihydrochalcone (9) ( $\text{CDCl}_3$ , 600 MHz)

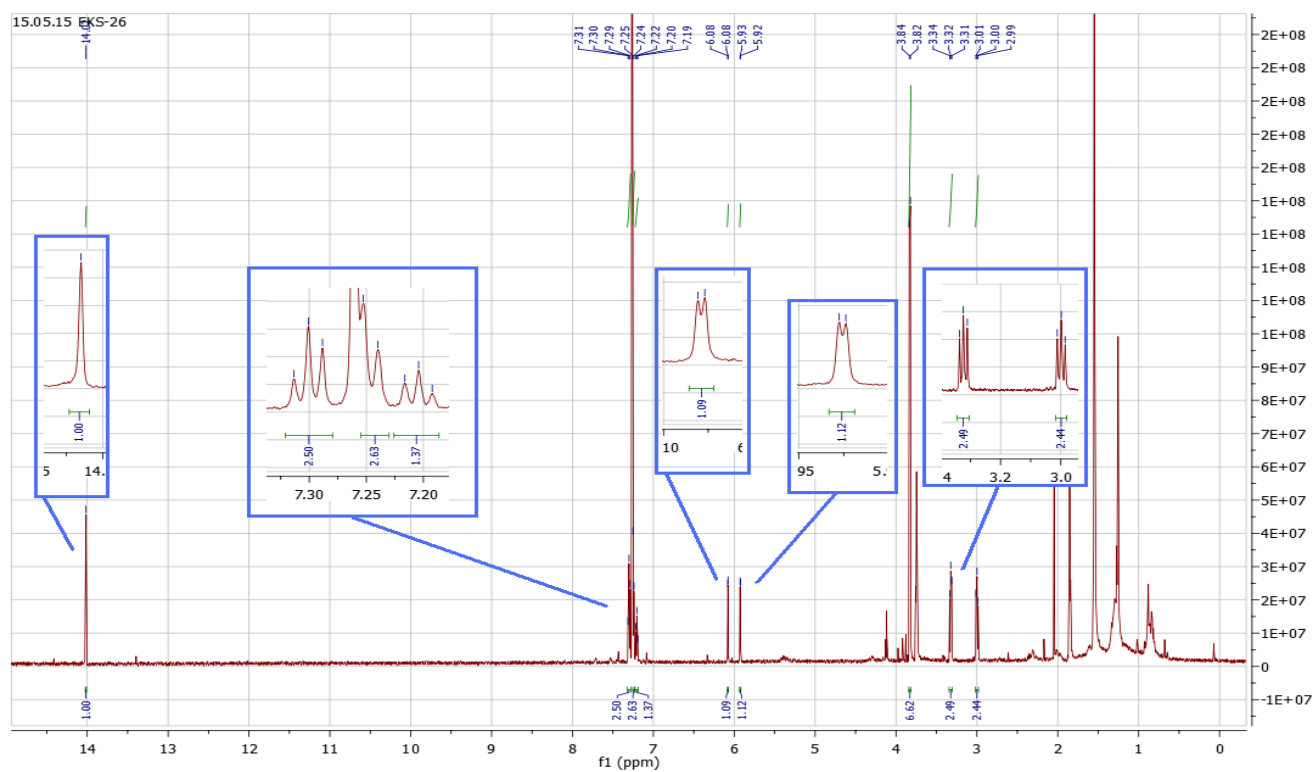


Figure S18.  $^{13}\text{C}$  NMR spectrum of 2'-hydroxy-4',6'-dimethoxydihydrochalcone (9) ( $\text{CDCl}_3$ , 151 MHz)

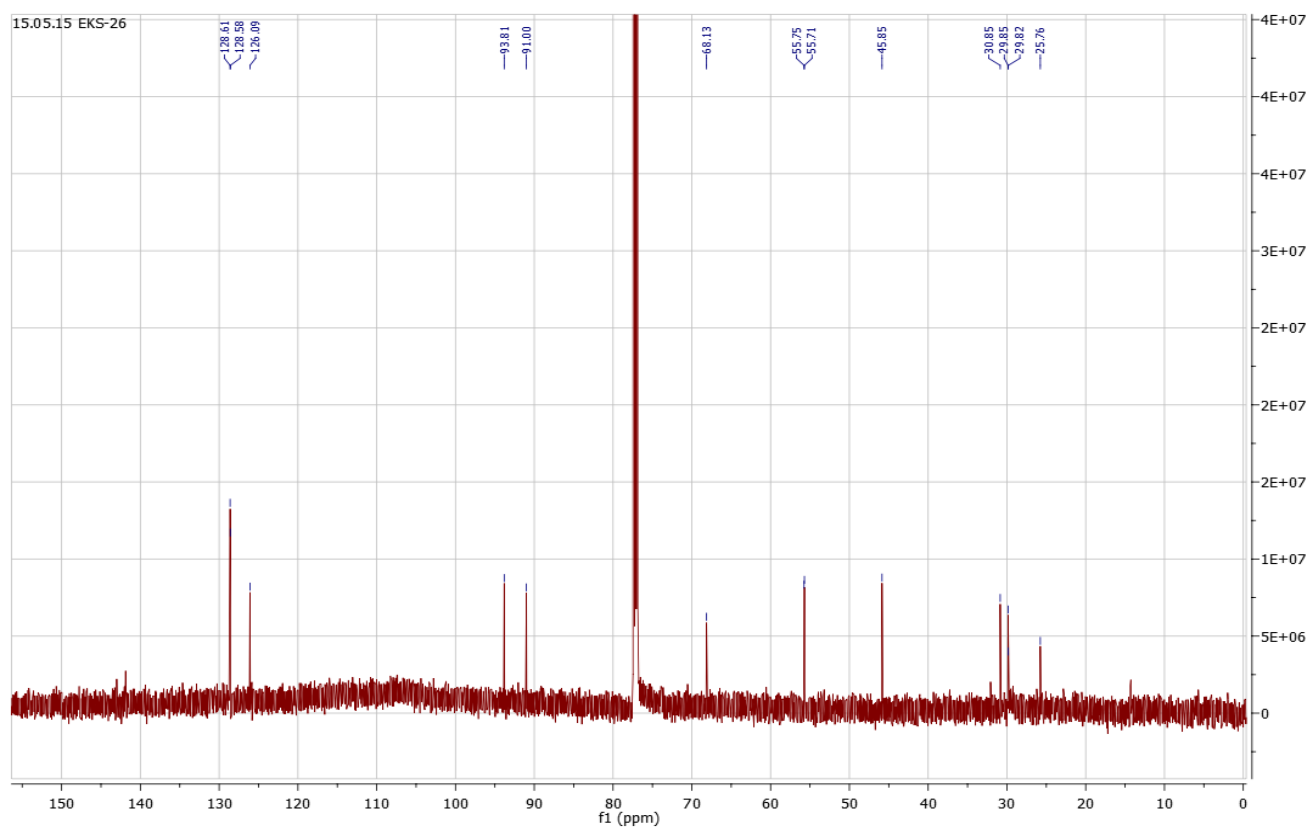




Figure S21. <sup>1</sup>H NMR spectrum of 3'-methoxyflavanone (**11**) (CDCl<sub>3</sub>, 600 MHz)

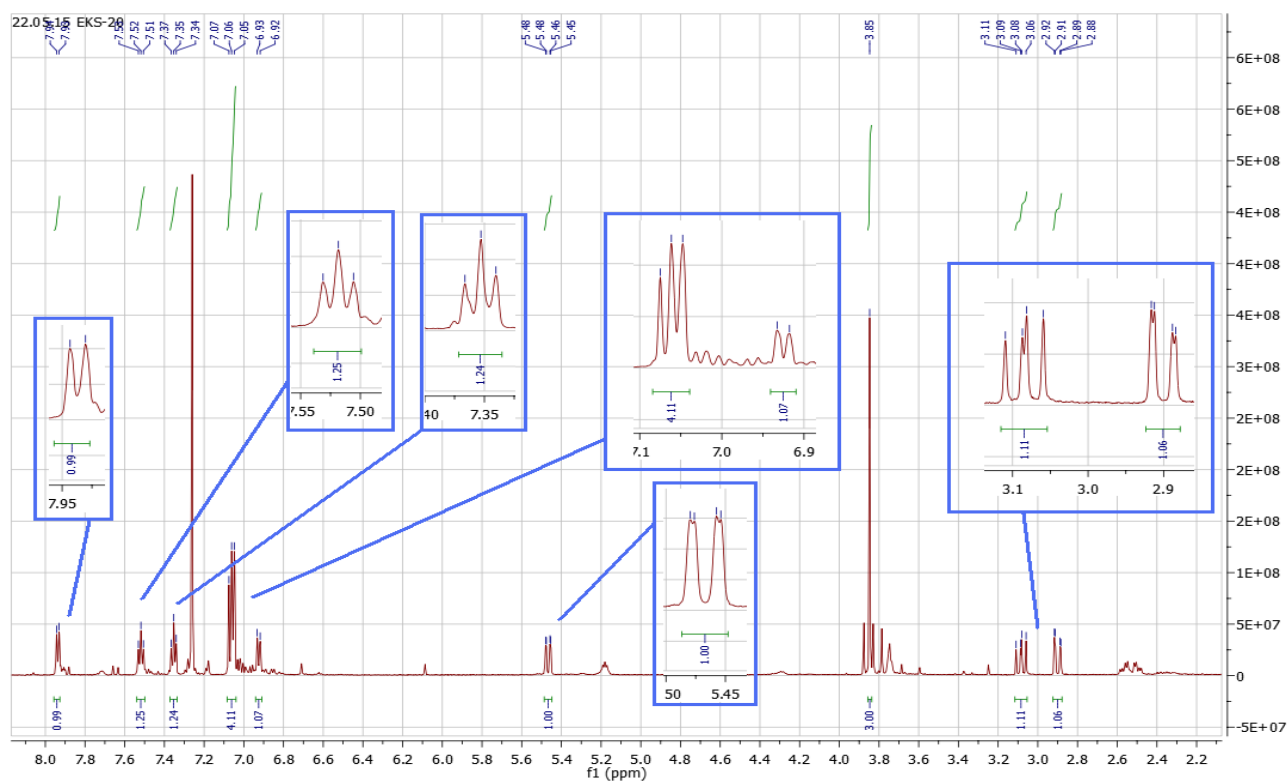


Figure S22. <sup>13</sup>C NMR spectrum of 3'-methoxyflavanone (**11**) (CDCl<sub>3</sub>, 151 MHz)

