

# Synthesis, Antibacterial Effects, and Toxicity of Licochalcone C

## SUPPLEMENTARY MATERIAL

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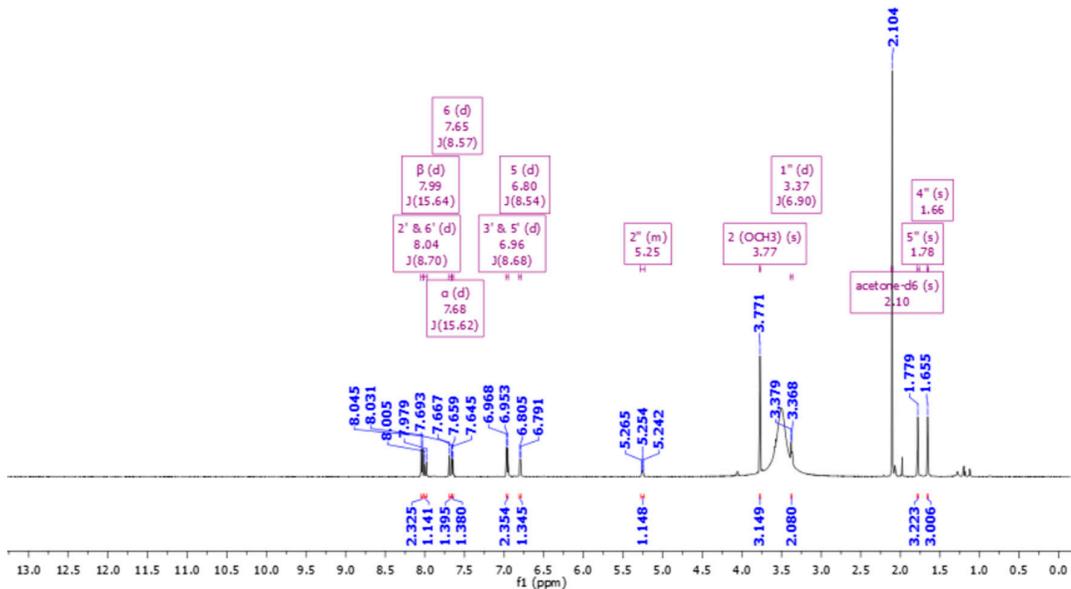
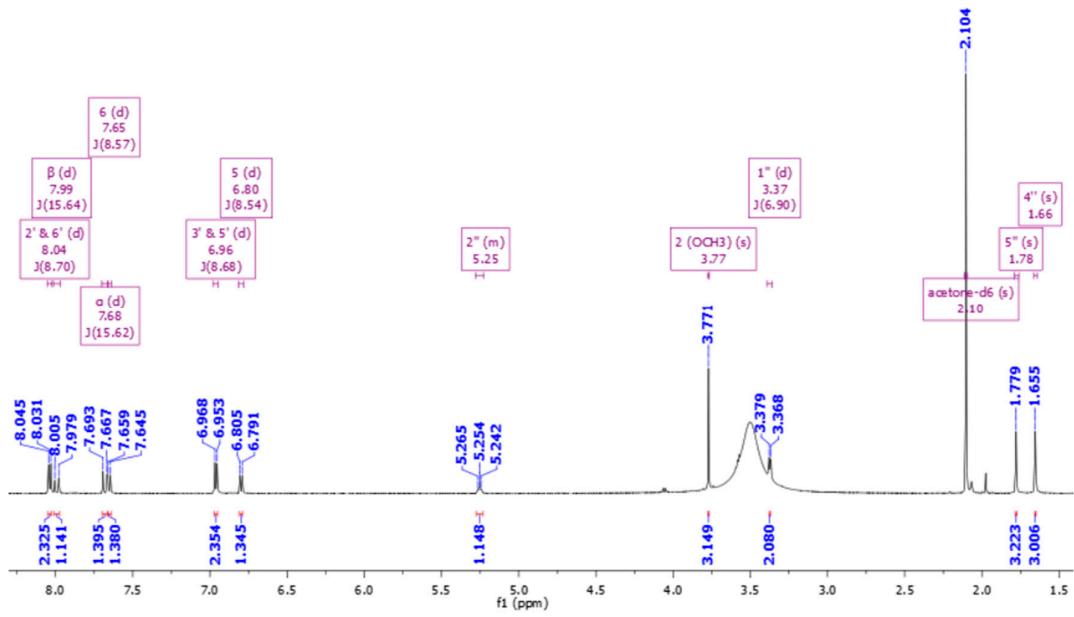
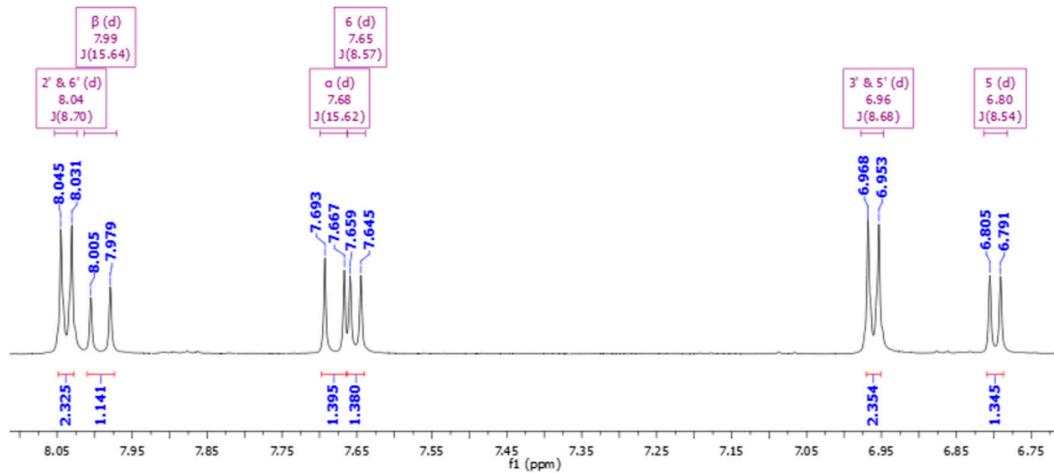


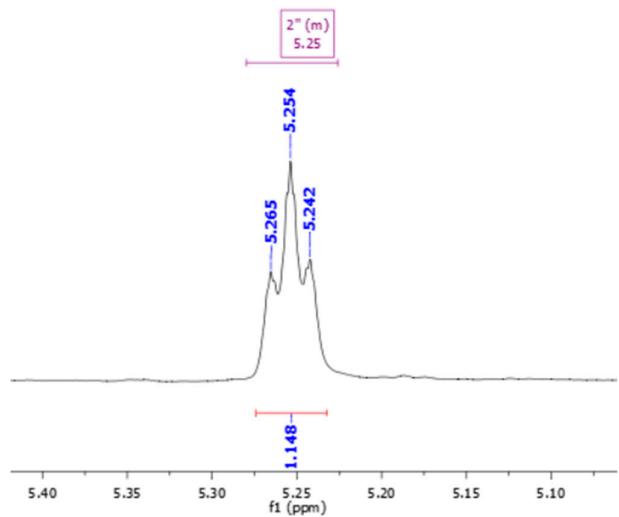
Figure S1. <sup>1</sup>H NMR spectrum of LCC (acetone-*d*<sub>6</sub>; 600 MHz)



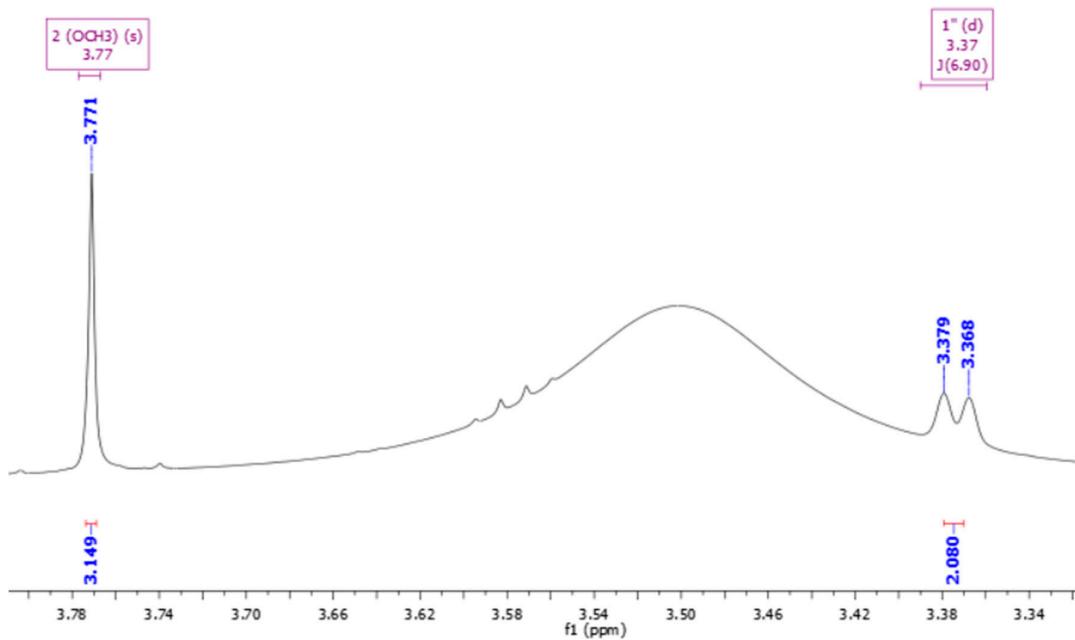
**Figure S2.** Amplification of <sup>1</sup>H spectrum of LCC (1.5 – 8.0 ppm) (acetone-*d*<sub>6</sub>; 600 MHz)



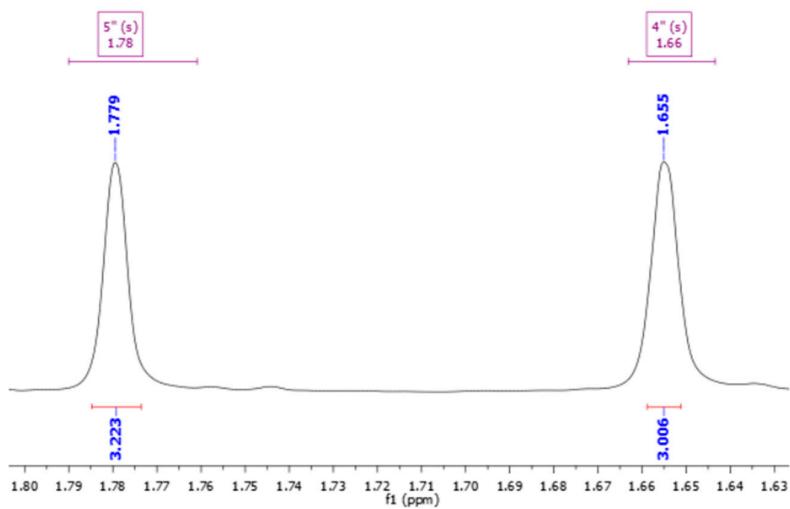
**Figure S3.** Amplification of <sup>1</sup>H spectrum of LCC (6.75 – 8.05 ppm) (acetone-*d*<sub>6</sub>; 600 MHz)



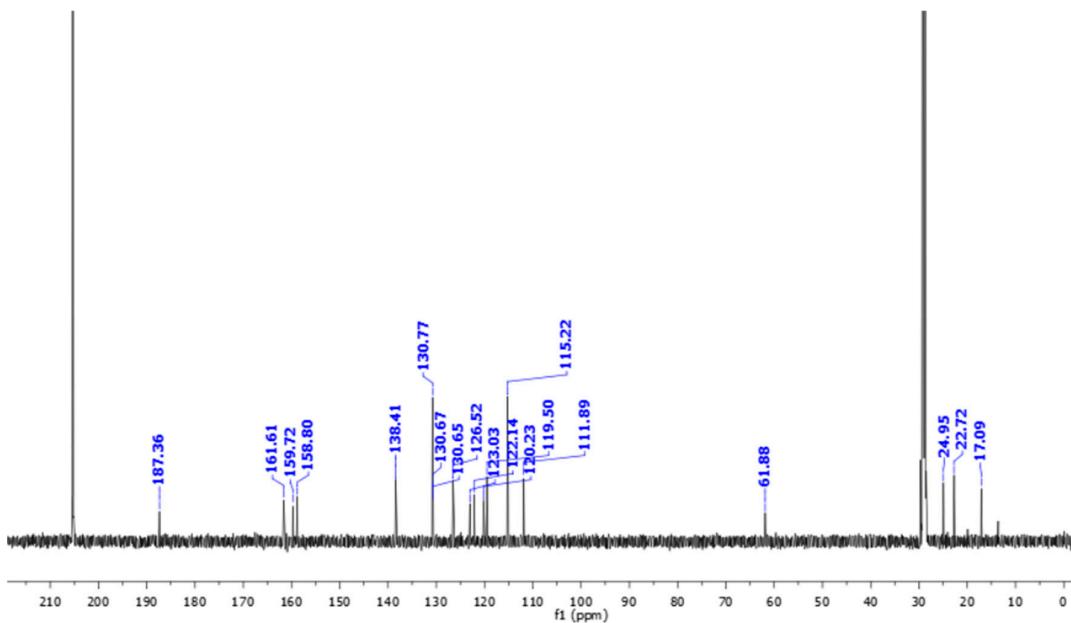
**Figure S4.** Amplification of  $^1\text{H}$  spectrum of LCC (5.1 – 5.4 ppm) (acetone- $d_6$ ; 600 MHz)



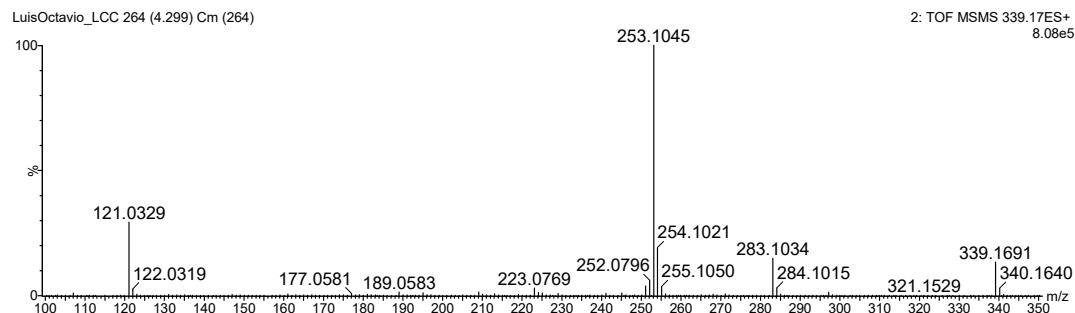
**Figure S5.** Amplification of  $^1\text{H}$  NMR spectrum of LCC (3.34 – 3.78 ppm) (acetone- $d_6$ ; 600 MHz)



**Figure S6.** Amplification of <sup>1</sup>H NMR spectrum of LCC (1.8 – 1.6 ppm) (acetone-*d*<sub>6</sub>; 600 MHz)



**Figure S7.** <sup>13</sup>C NMR spectrum of LCC (acetone-*d*<sub>6</sub>; 150 MHz)



**Figure S8.** MS spectrum of LCC performed by electrospray (positive mode).