

<Supplementary data>

## SIRT1 activation enhancing 8,3'-neolignans from the twigs of *Corylopsis coreana* Uyeki

Hyun Woo Kim<sup>1,2</sup>, Jin Bum Jeon<sup>1</sup>, Mi Zhang<sup>1</sup>, Hyo-Moon Cho,<sup>1</sup> Byeol Ryu,<sup>1</sup> Ba-Wool Lee,<sup>1</sup> William H. Gerwick,<sup>2,3</sup> and Won Keun Oh<sup>1,\*</sup>

<sup>1</sup> Korea Bioactive Natural Material Bank, Research Institute of Pharmaceutical Sciences, College of Pharmacy and Research Institute of Pharmaceutical Sciences, Seoul National University

<sup>2</sup> Center for Marine Biotechnology and Biomedicine, Scripps Institution of Oceanography, University of California, San Diego, La Jolla, California 92093, United States

<sup>3</sup> Skaggs School of Pharmacy and Pharmaceutical Sciences, UC San Diego, 9500 Gilman Drive, La Jolla, California 92093, United states

\* Correspondence: wkoh1@snu.ac.kr

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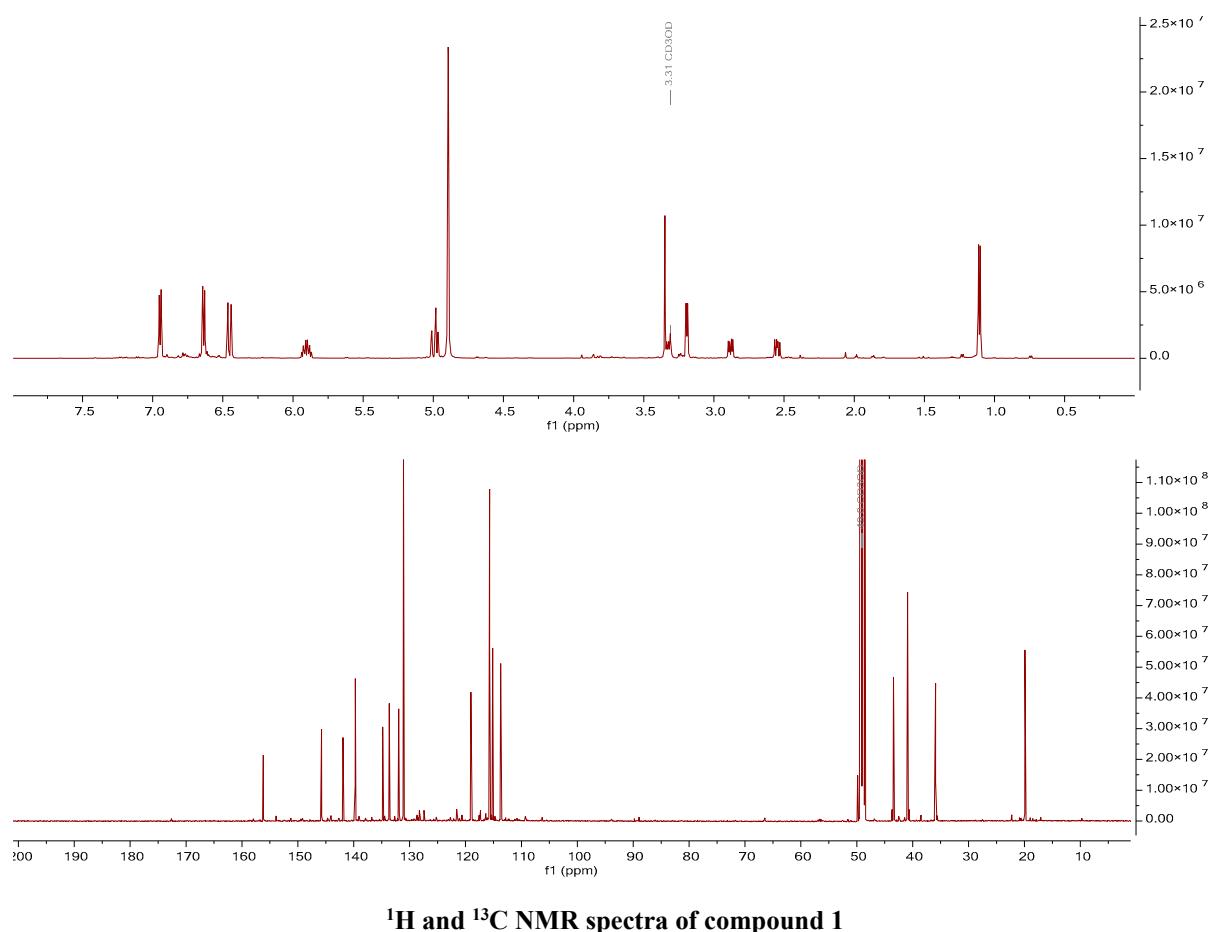
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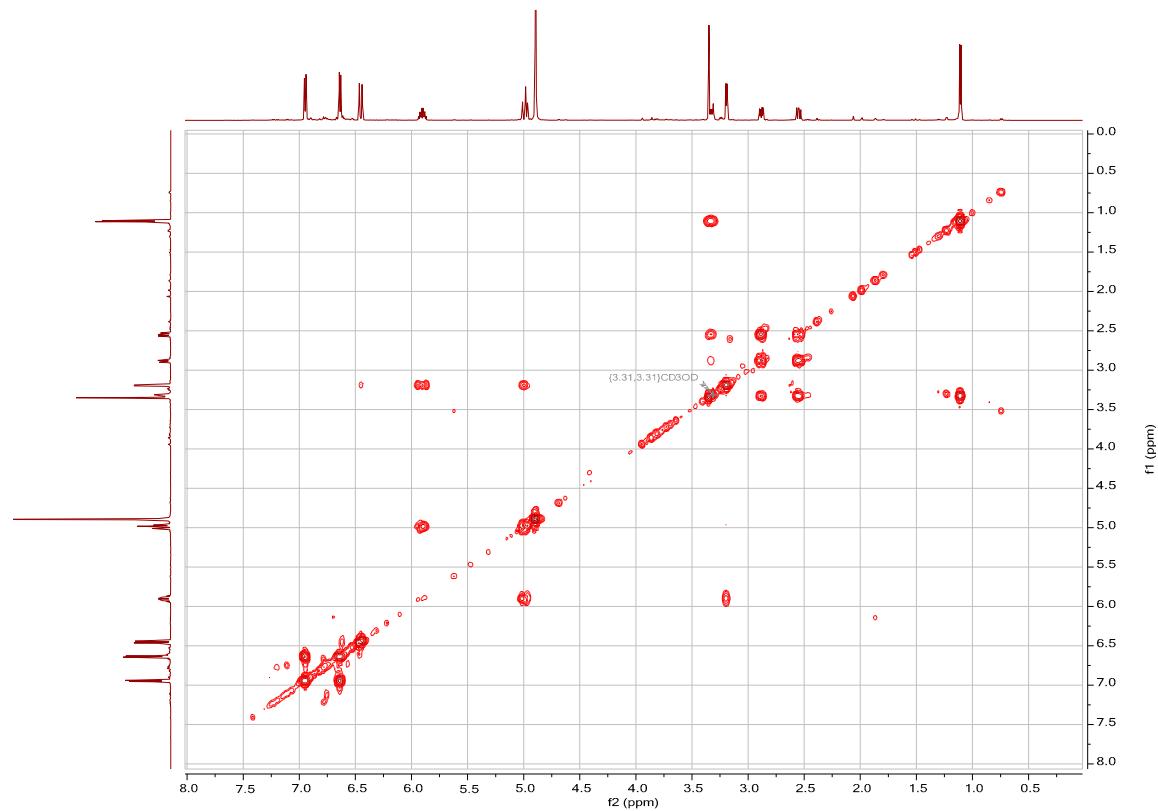
**Figure S10.** Cell viability of isolated compounds (**1-16**) on the HEK-293 cells

**Figure S1.** 1D NMR spectra of compound **1** in methanol-*d*<sub>4</sub>

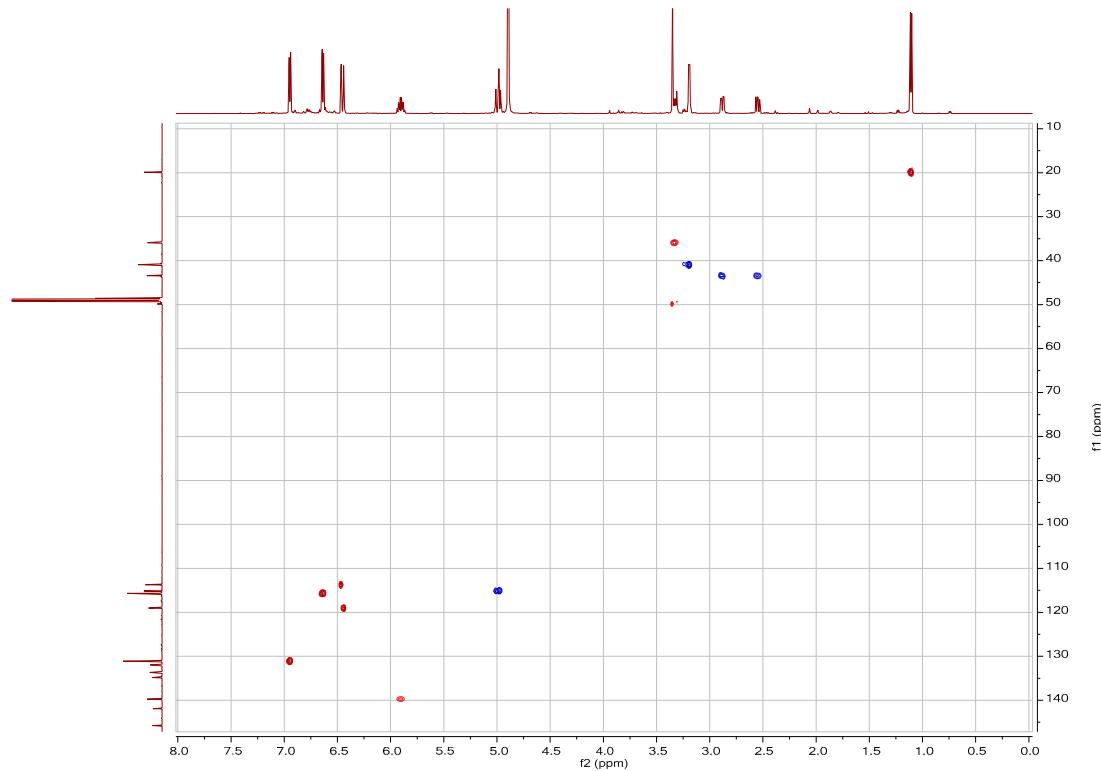


<sup>1</sup>H and <sup>13</sup>C NMR spectra of compound **1**

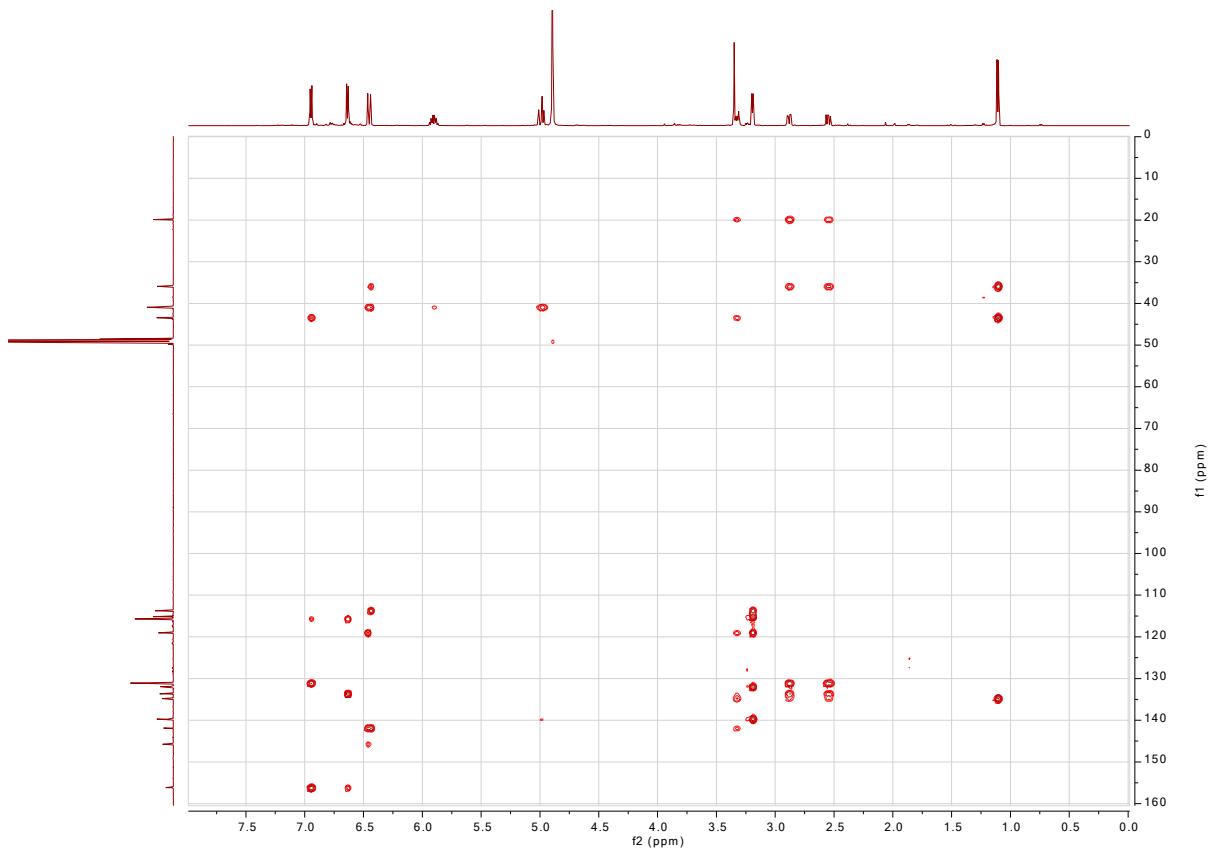
**Figure S2.** 2D NMR spectra of compound **1** in methanol-*d*<sub>4</sub>



**COSY spectrum of compound 1**

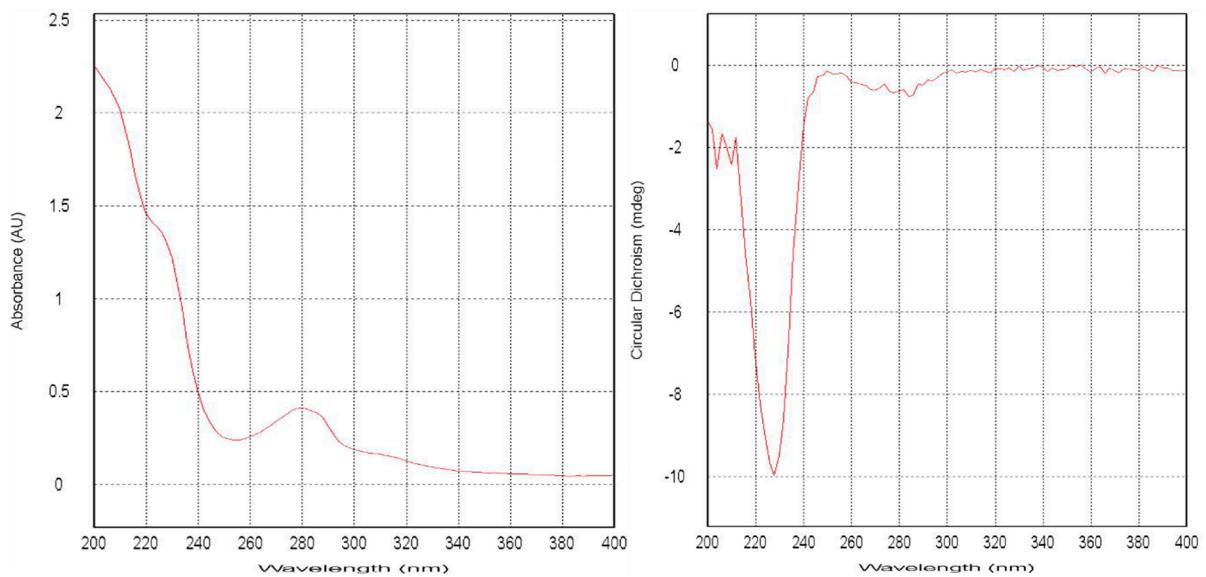


**HSQC spectrum of compound 1**

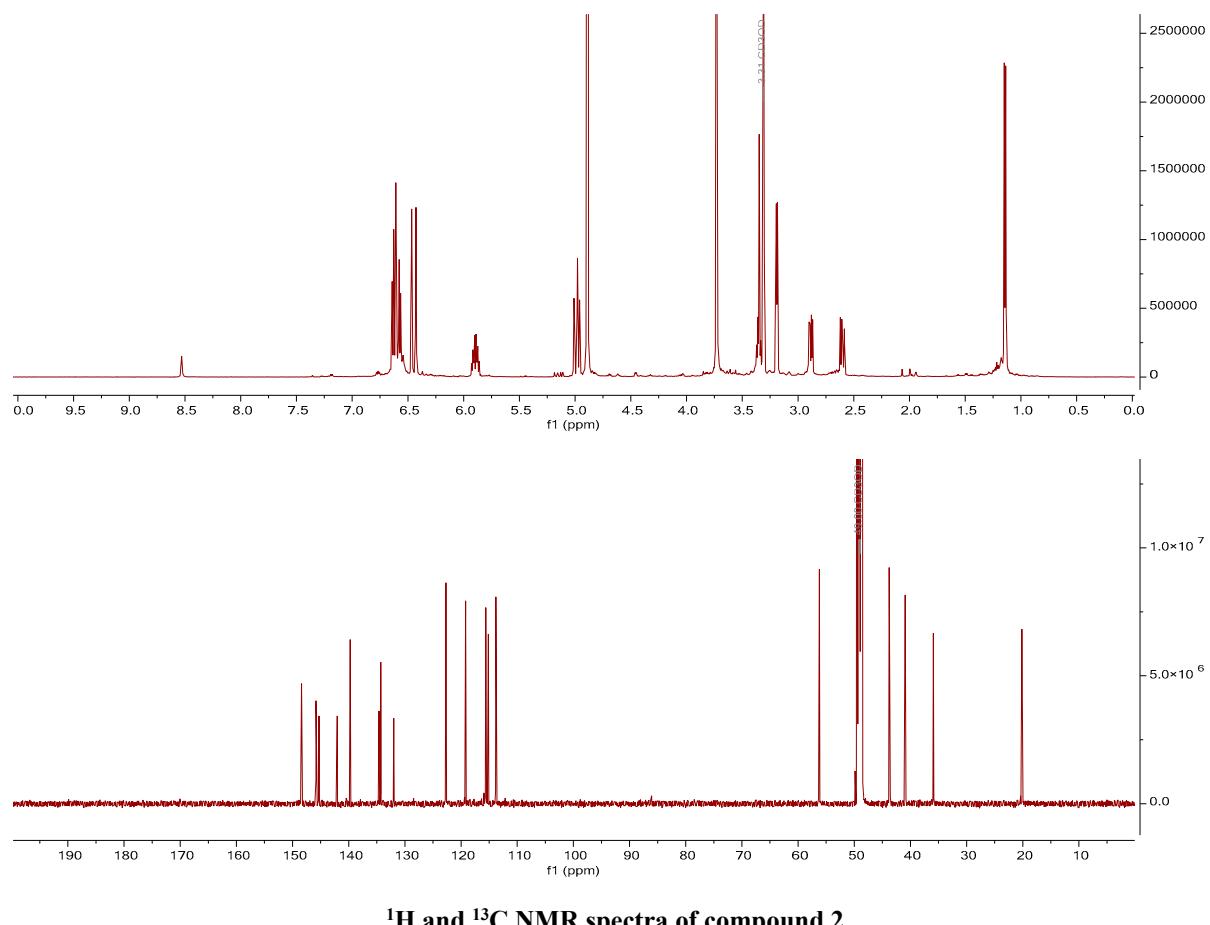


**HMBC spectrum of compound 1**

**Figure S3.** UV and ECD spectra of compound 1

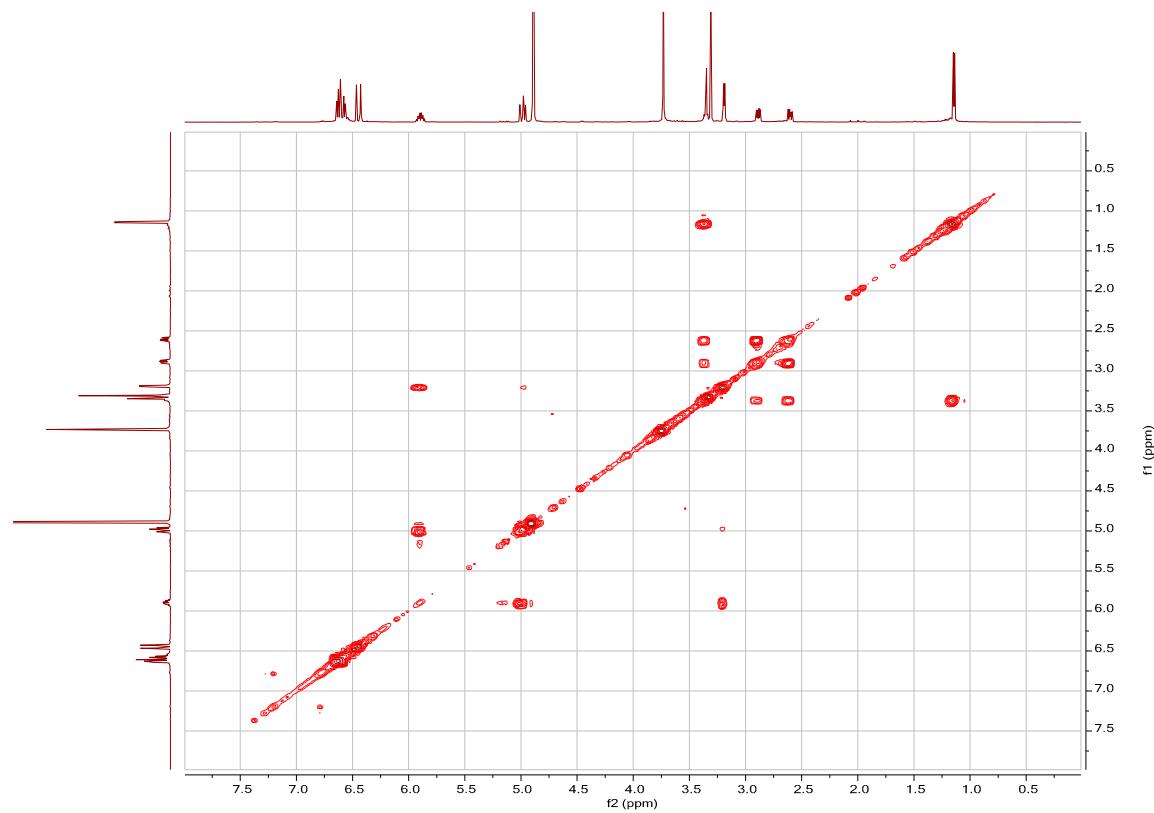


**Figure S4.** 1D NMR spectra of compound **2** in methanol- *d*<sub>4</sub>

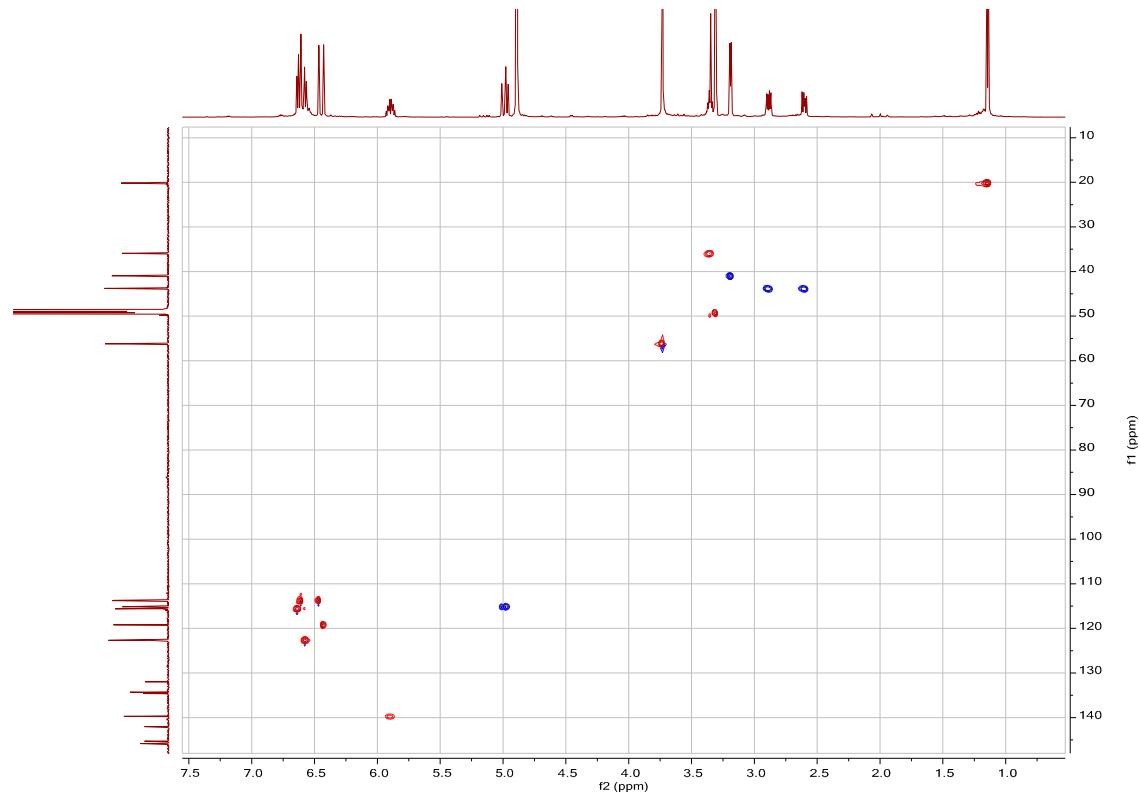


<sup>1</sup>H and <sup>13</sup>C NMR spectra of compound **2**

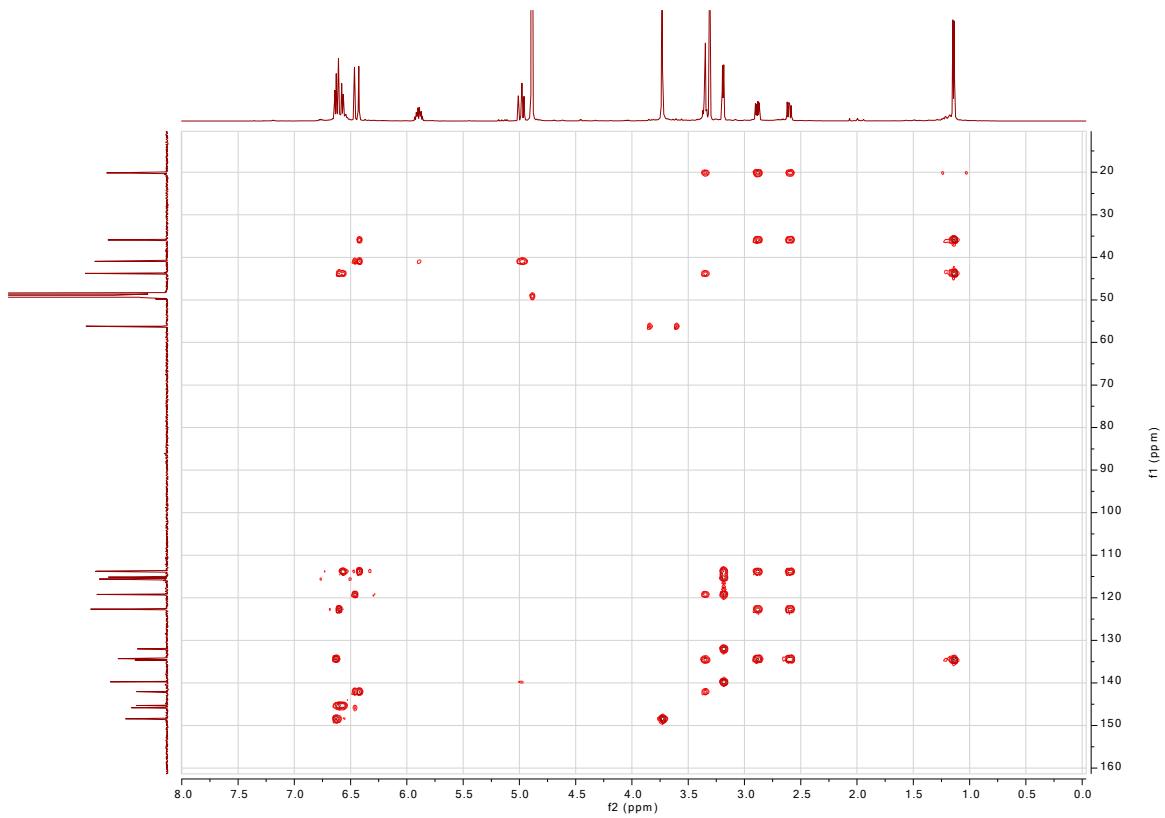
**Figure S5.** 2D NMR spectra of compound **2** in methanol-*d*<sub>4</sub>



**COSY spectrum of compound 2**

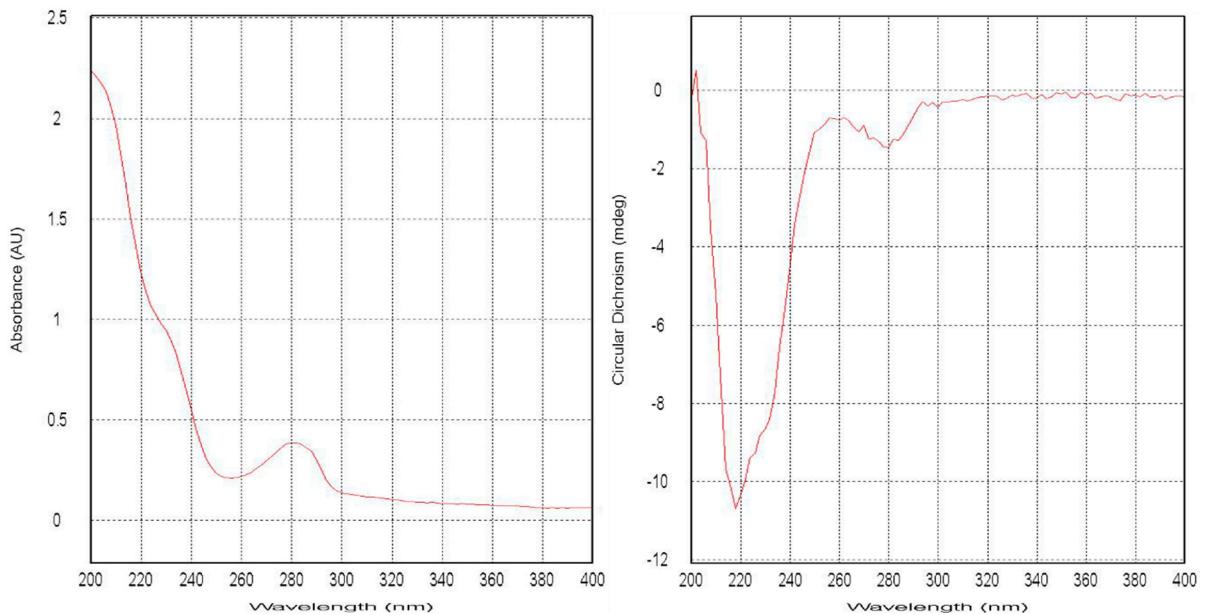


**HSQC spectrum of compound 2**

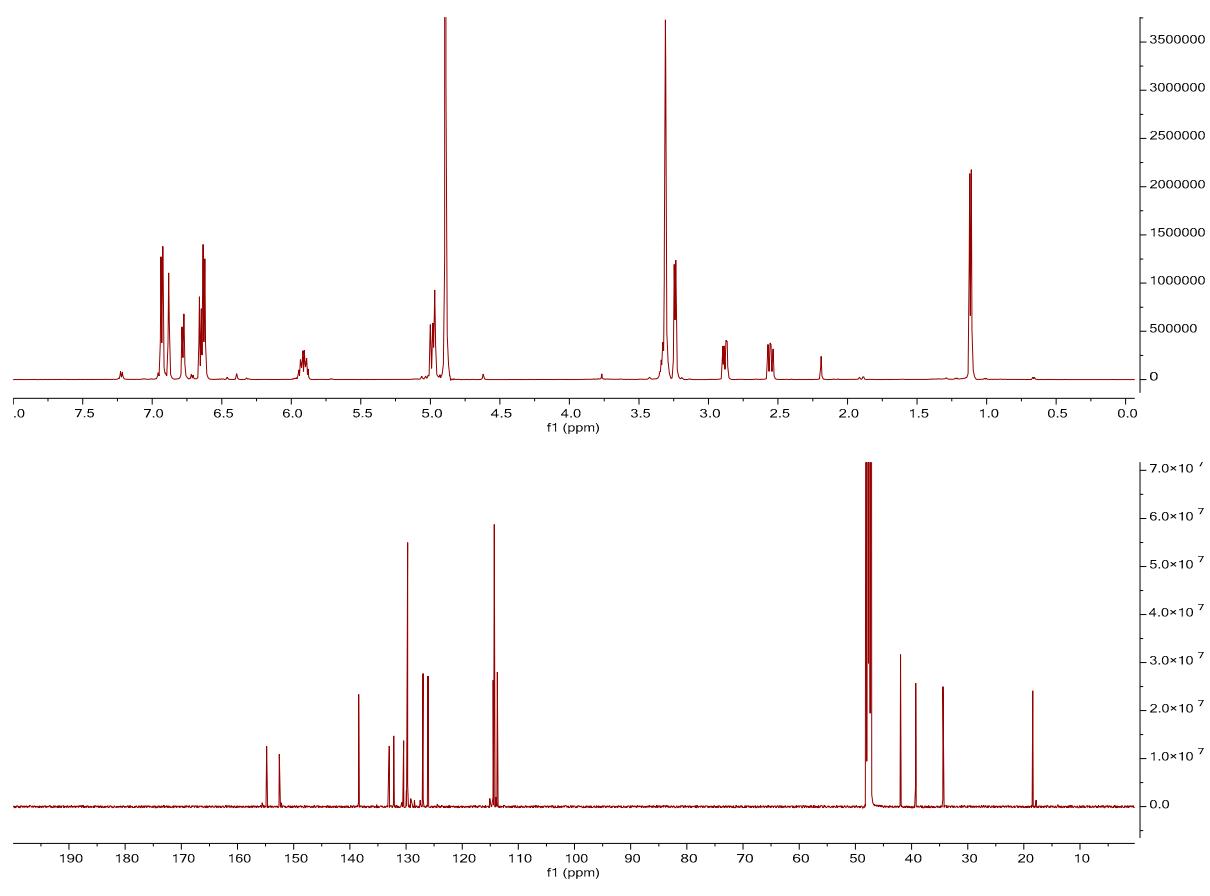


**HMBC spectrum of compound 2**

**Figure S6.** UV and ECD spectra of compound 2

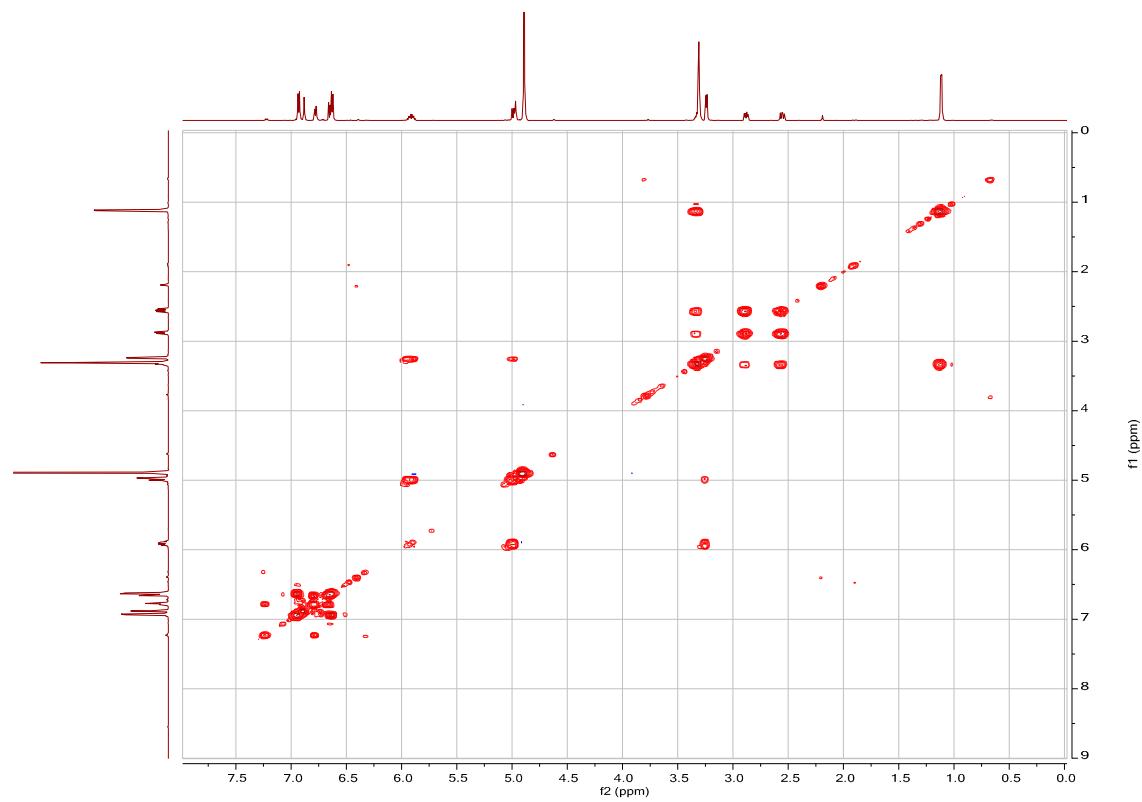


**Figure S7.** 1D NMR spectra of compound **3** in methanol-*d*<sub>4</sub>

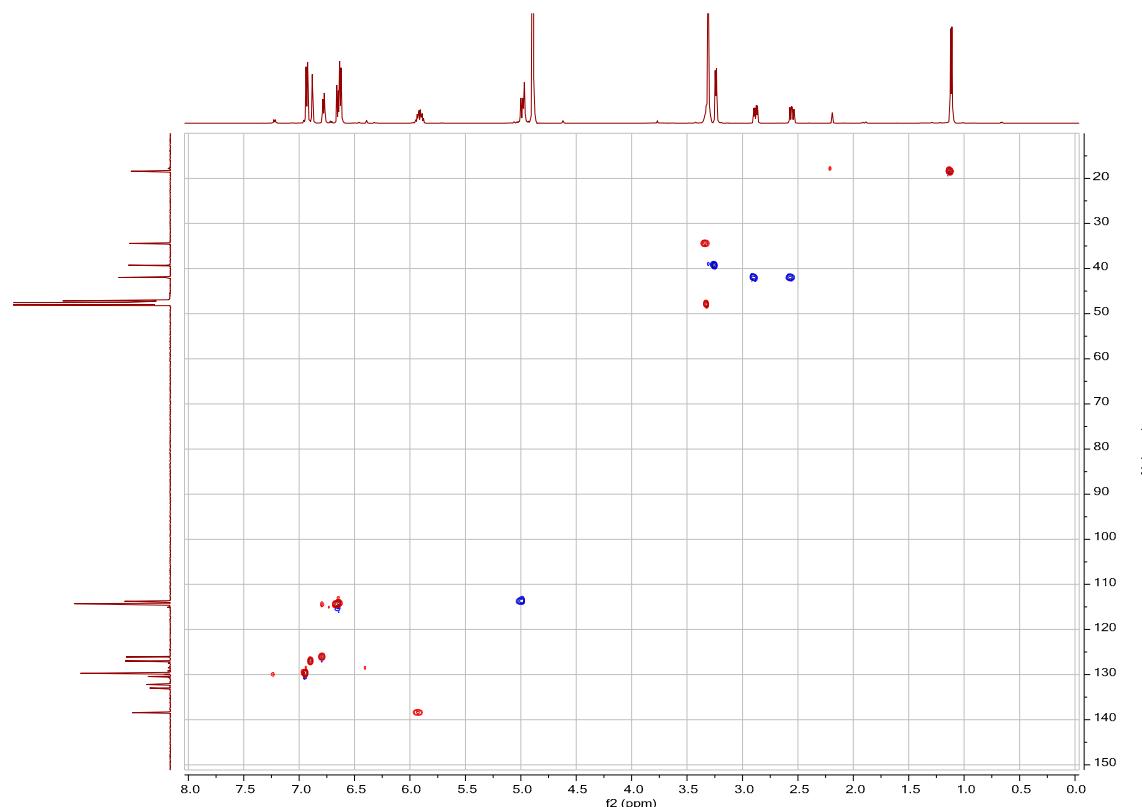


<sup>1</sup>H and <sup>13</sup>C NMR spectra of compound **3**

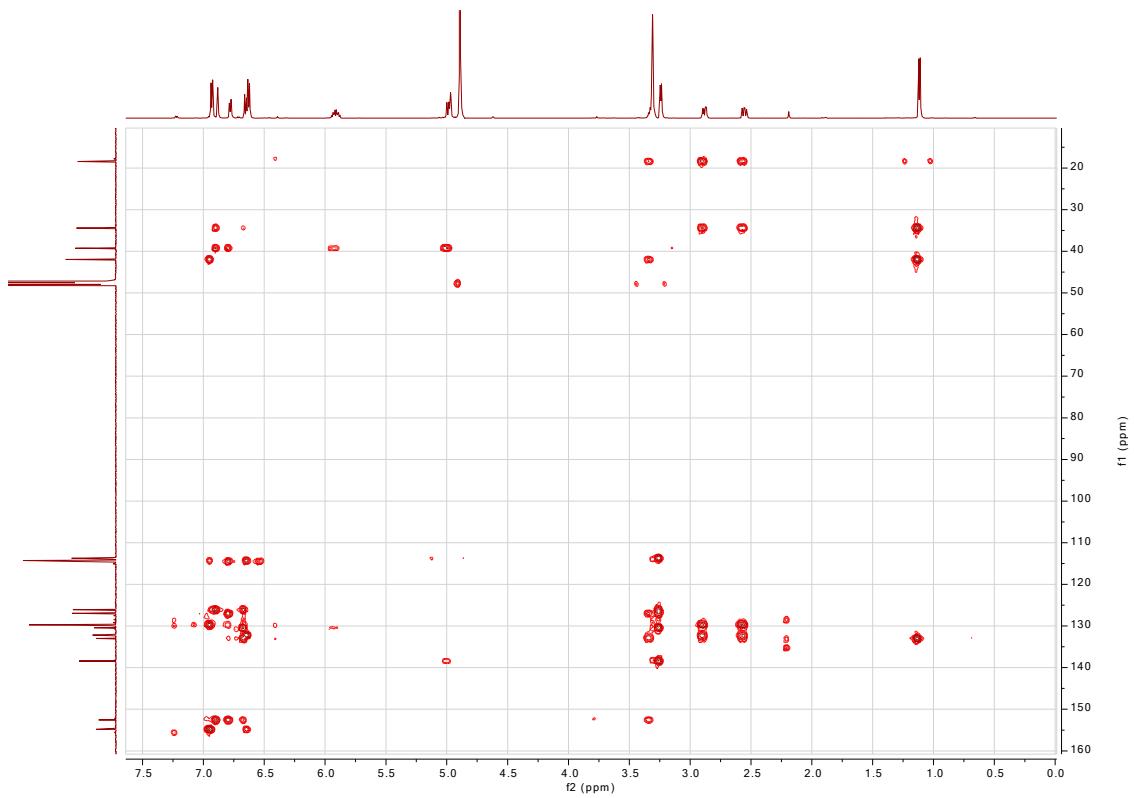
**Figure S8.** 2D NMR spectra of compound **3** in methanol-*d*<sub>4</sub>



**COSY spectrum of compound 3**

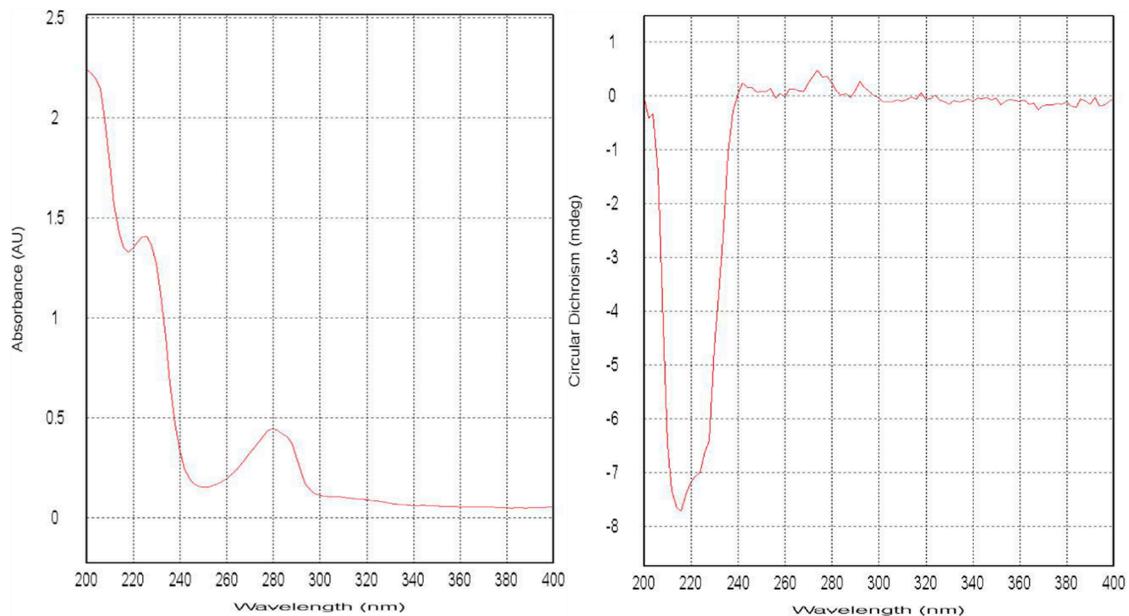


**HSQC spectrum of compound 3**



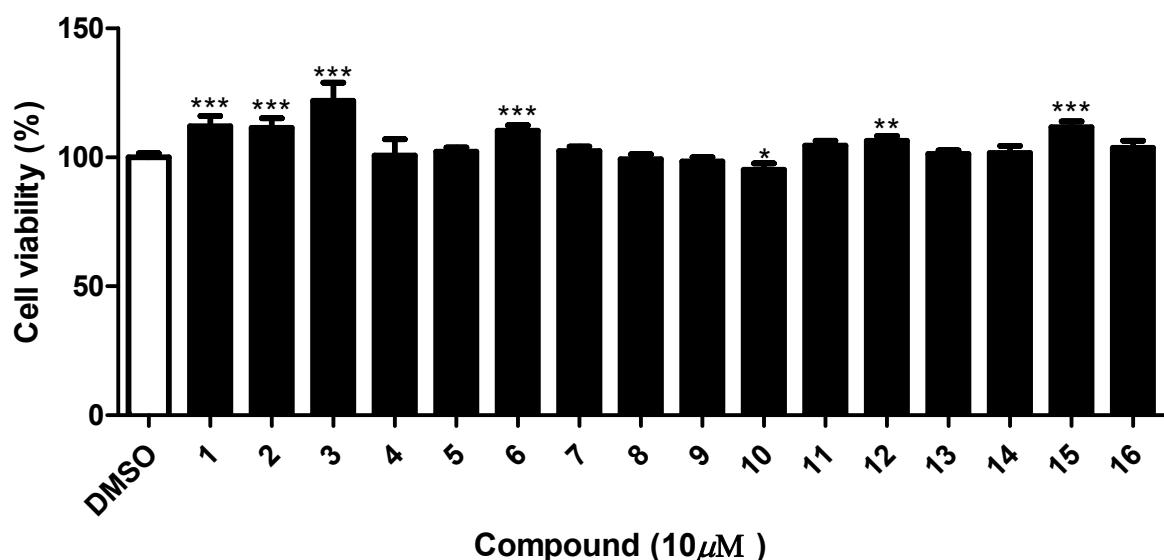
**HMBC spectrum of compound 3**

**Figure S9.** UV and ECD spectra of compound 3



**Figure S10.** Cell viability of isolated compounds (**1-16**) on the HEK-293 cells

A.



B.

