## SUPPORTING INFORMATION

## Spiroketones and a biphenyl analog from stems and leaves of *Larrea nitida* and their inhibitory activity against IL-6 production

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Figure S 1. The <sup>1</sup>H NMR (400 MHz) and <sup>13</sup>C (100 MHz) spectra spectra of 1 in methanol- $d_4$ 



**Figure S 2**. The HSQC spectrum of **1** in methanol- $d_4$ 



**Figure S 3**. The HMBC spectrum of **1** in methanol- $d_4$ 



**Figure S 4**. The COSY spectrum of **1** in methanol- $d_4$ 



Figure S 5. The <sup>1</sup>H NMR (400 MHz) and <sup>13</sup>C (100 MHz) spectra spectra of 2 in methanol- $d_4$ 



**Figure S 6**. The HSQC spectrum of **2** in methanol- $d_4$ 





**Figure S 7**. The HMBC spectrum of **2** in methanol- $d_4$ 

**Figure S 8**. The COSY spectrum of **2** in methanol- $d_4$ 







Figure S 10. The <sup>1</sup>H NMR (400 MHz) and <sup>13</sup>C (100 MHz) spectra spectra of 3 in methanol- $d_4$ 







**Figure S 12**. The HMBC spectrum of **3** in methanol- $d_4$ 



**Figure S 13**. The COSY spectrum of **3** in methanol- $d_4$ 

