

## **Supplementary Material**

### **Semisynthesis and inhibitory effects on TLR-mediated-inflammatory responses of solidagenone derivatives**

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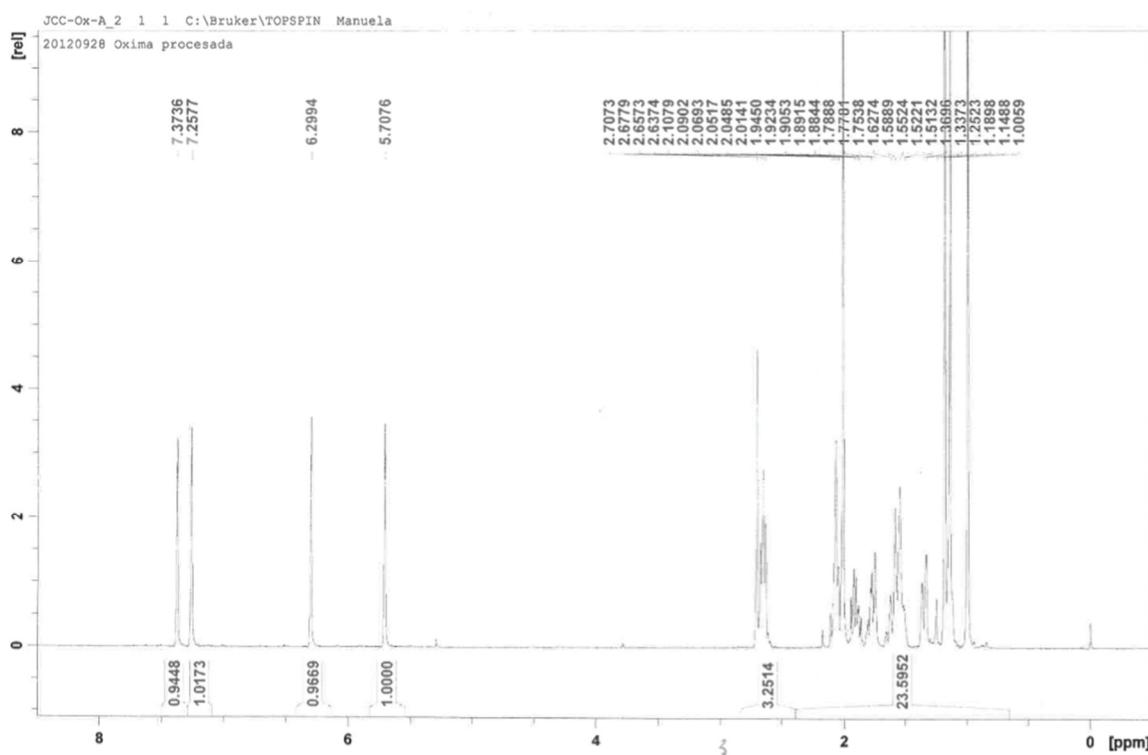
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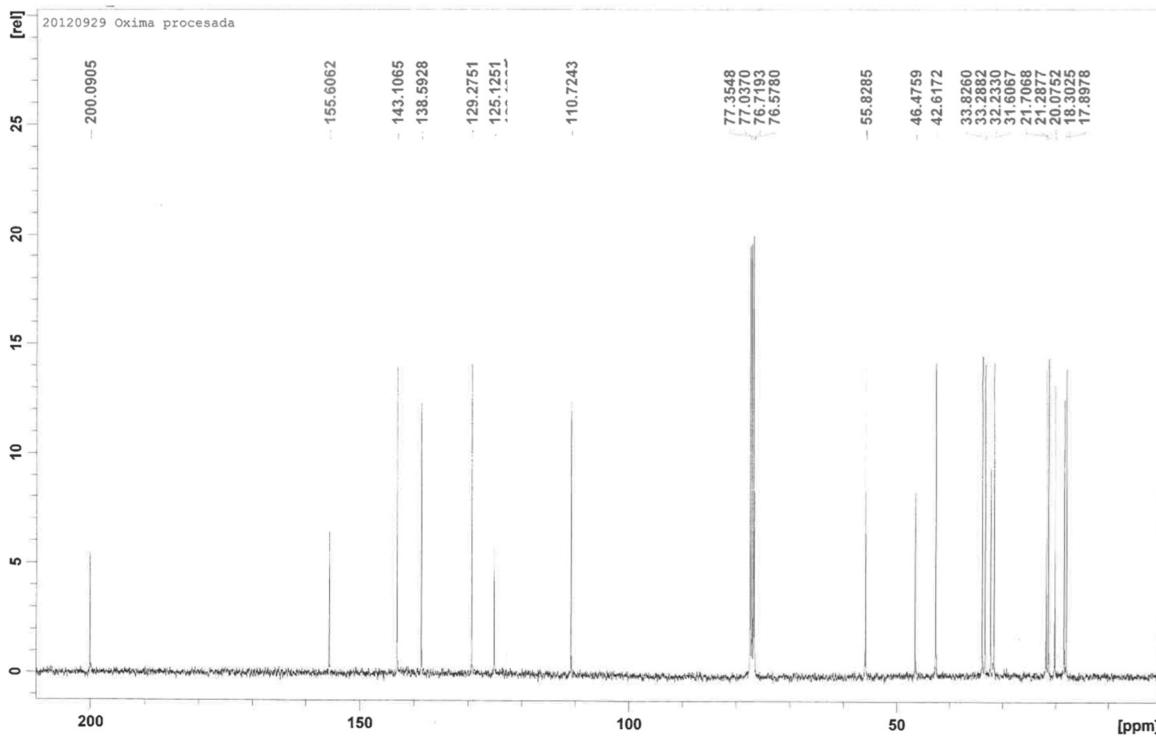
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**<sup>1</sup>H NMR (CDCl<sub>3</sub>, 500 MHz) and <sup>13</sup>C NMR (CDCl<sub>3</sub>, 125 MHz) of compounds (1-10)**

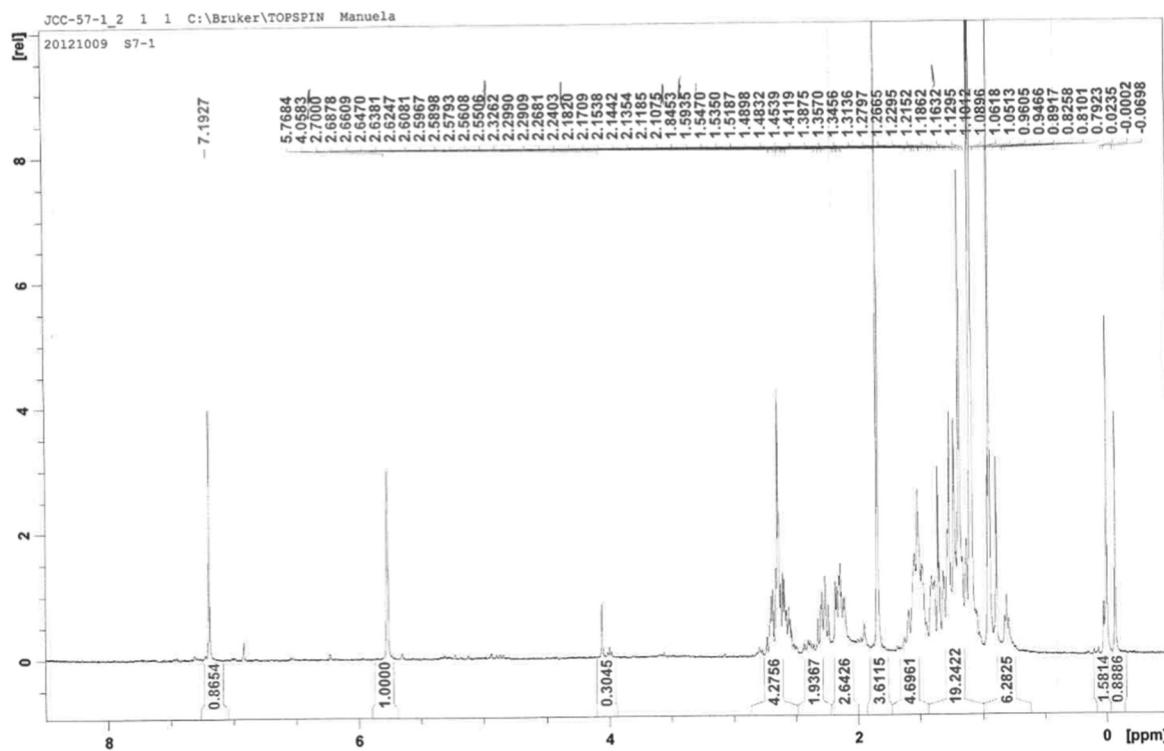
### **<sup>1</sup>H NMR (CDCl<sub>3</sub>, 400 MHz) of compound 1**



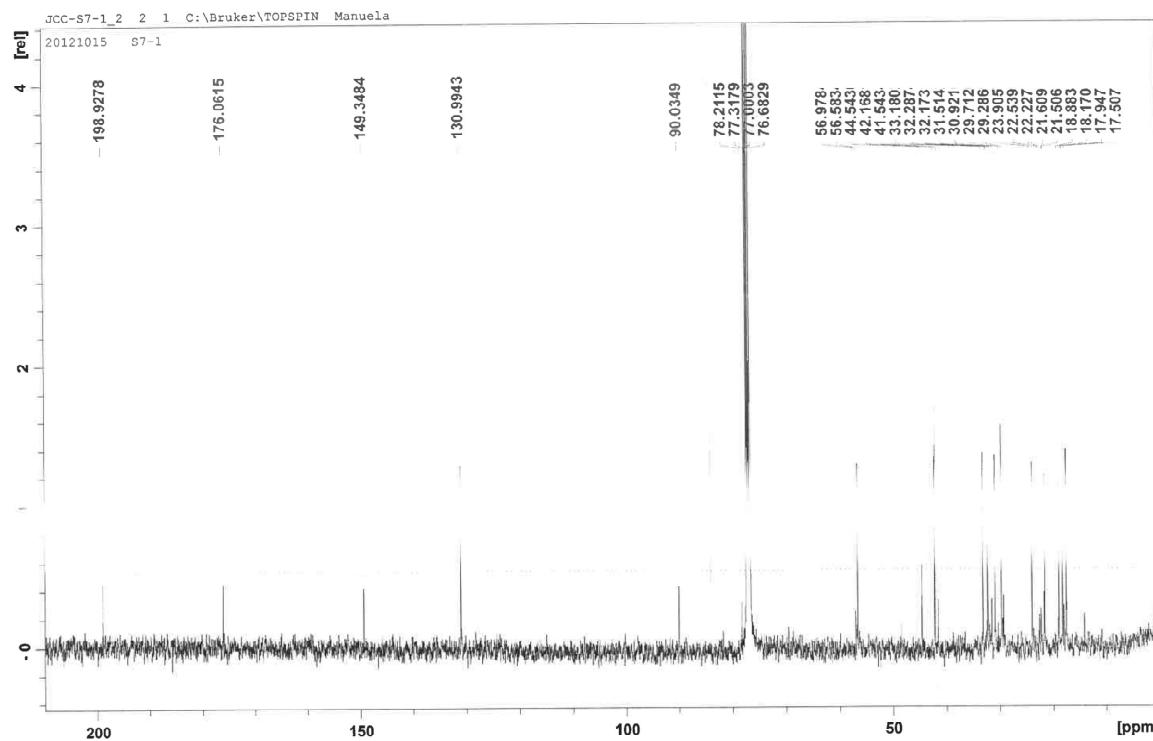
### **<sup>13</sup>C NMR (CDCl<sub>3</sub>, 100 MHz) of compound 1**



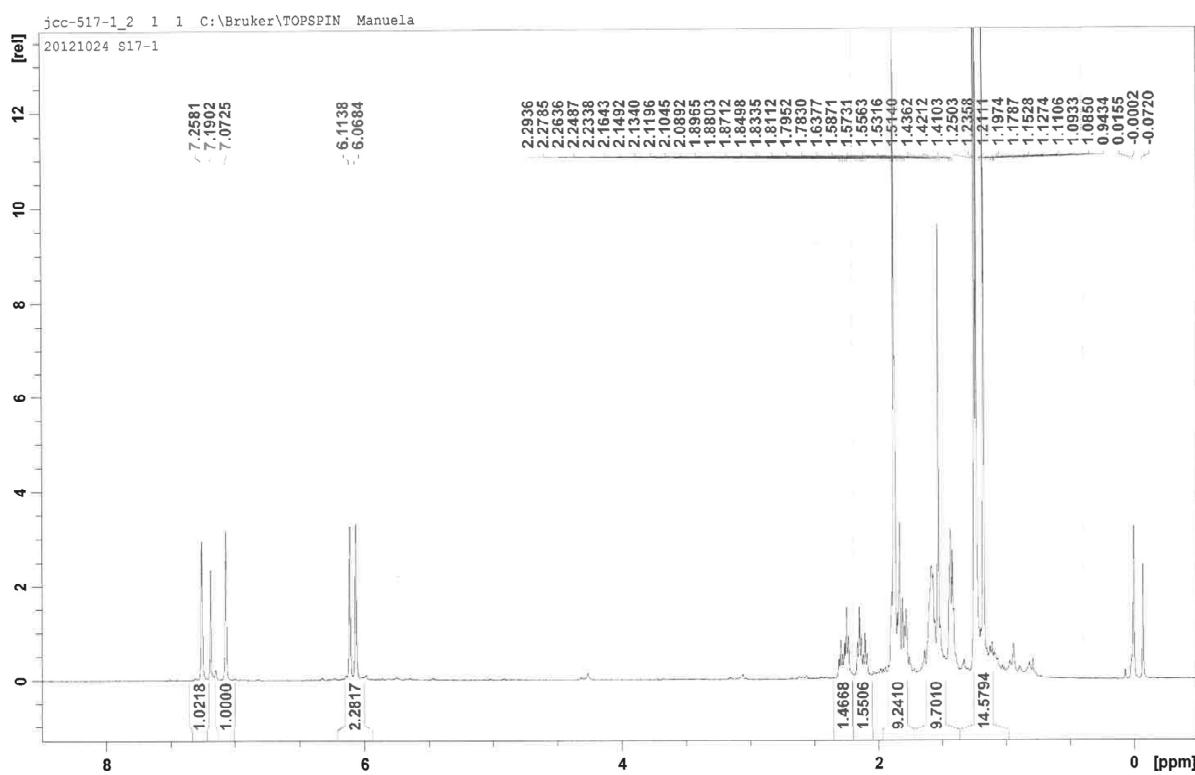
**<sup>1</sup>H NMR (CDCl<sub>3</sub>, 400 MHz) of compound 2**



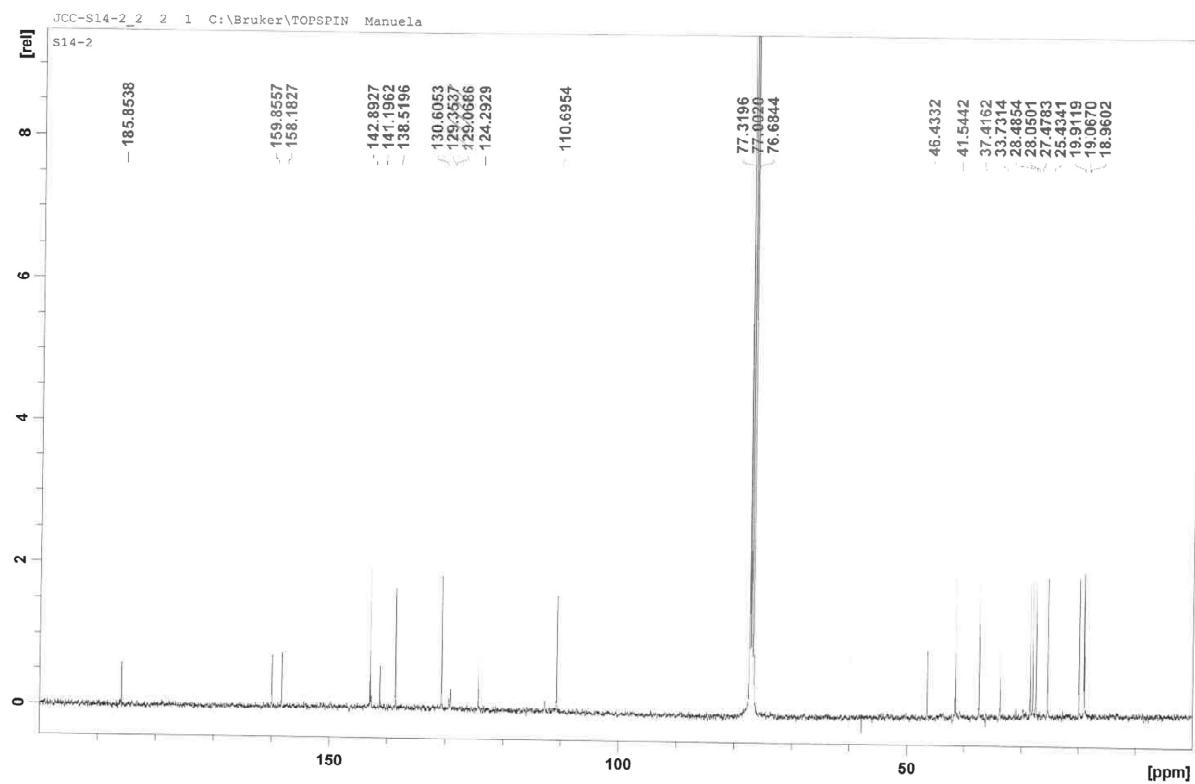
**<sup>13</sup>C NMR (CDCl<sub>3</sub>, 100 MHz) of compound 2**



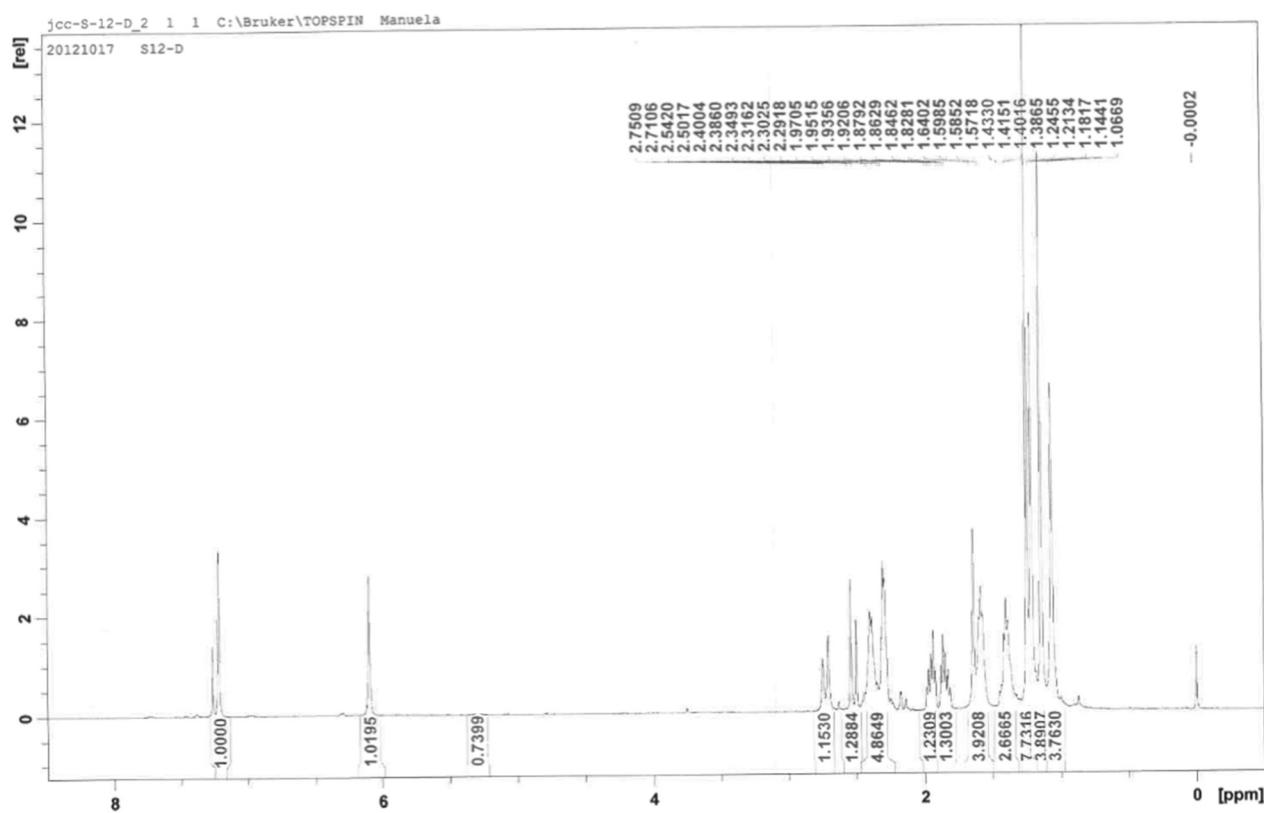
**<sup>1</sup>H NMR (CDCl<sub>3</sub>, 400 MHz) of compound 3**



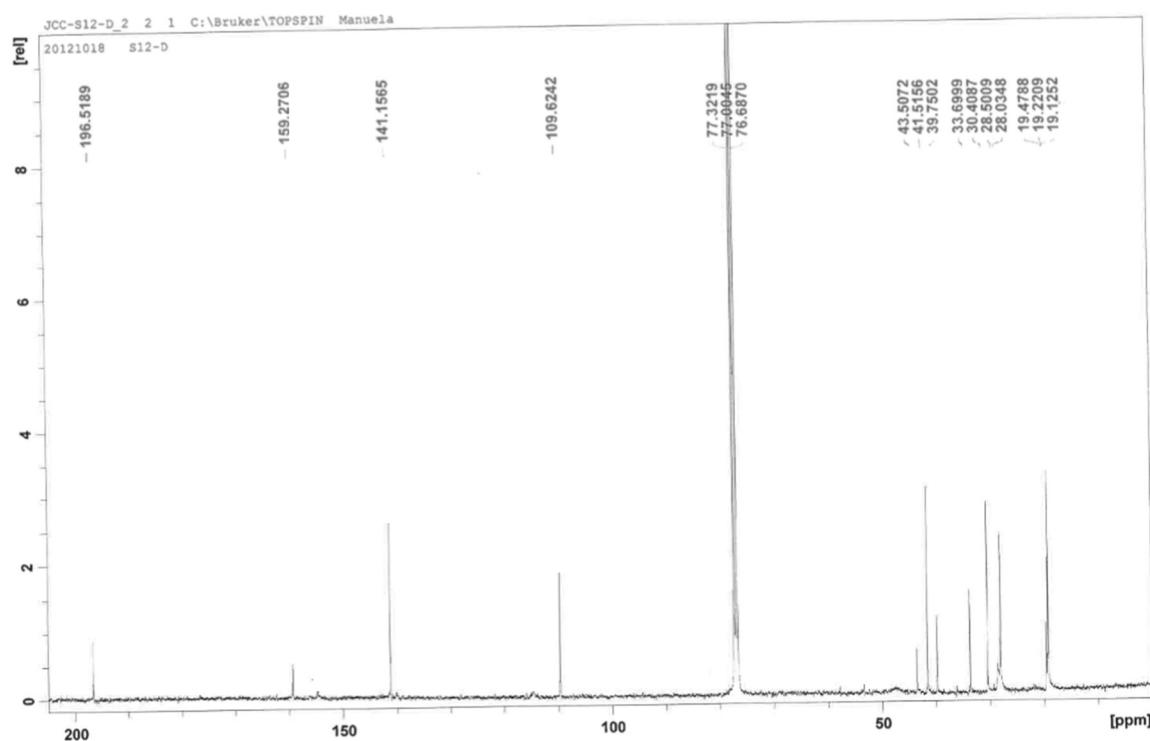
**<sup>13</sup>C NMR (CDCl<sub>3</sub>, 100 MHz) of compound 3**



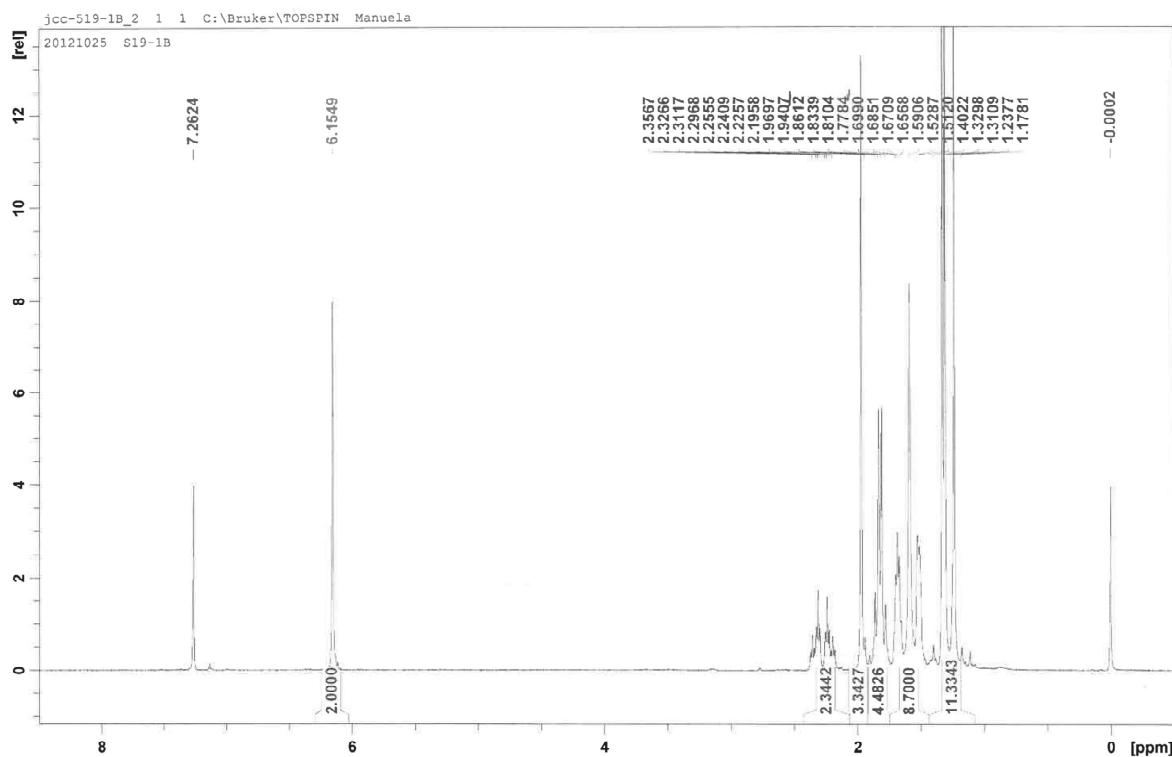
**<sup>1</sup>H NMR (CDCl<sub>3</sub>, 400 MHz) of compound 4**



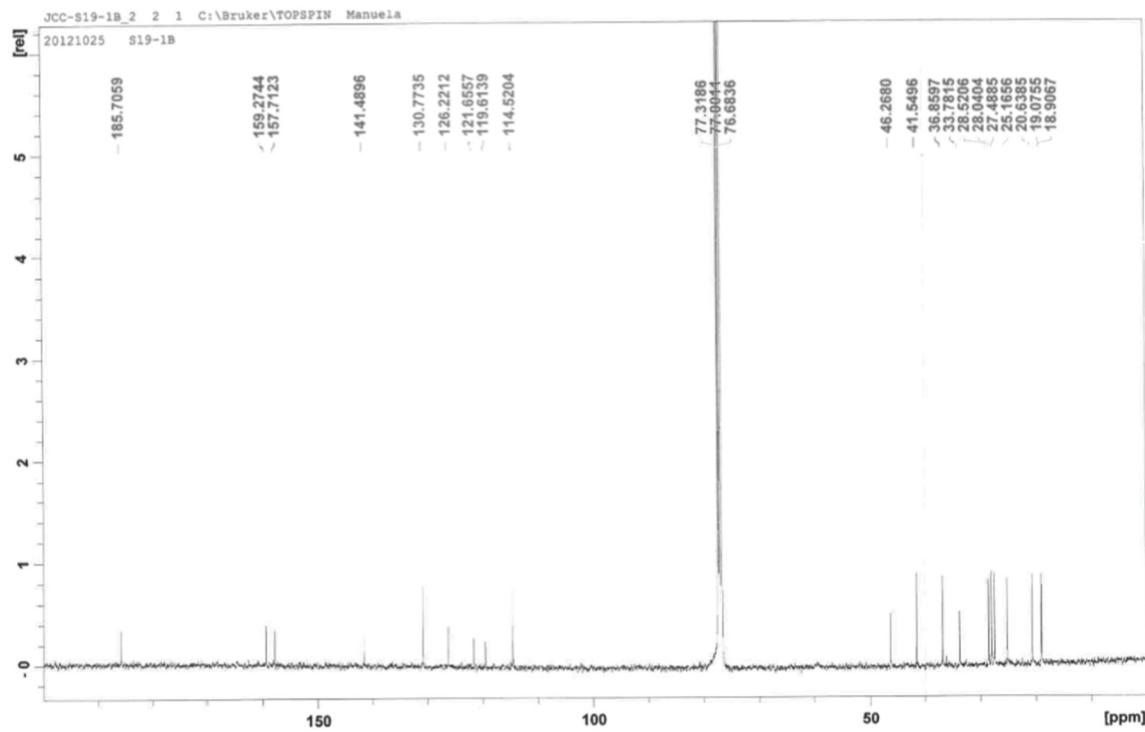
**<sup>13</sup>C NMR (CDCl<sub>3</sub>, 100 MHz) of compound 4**



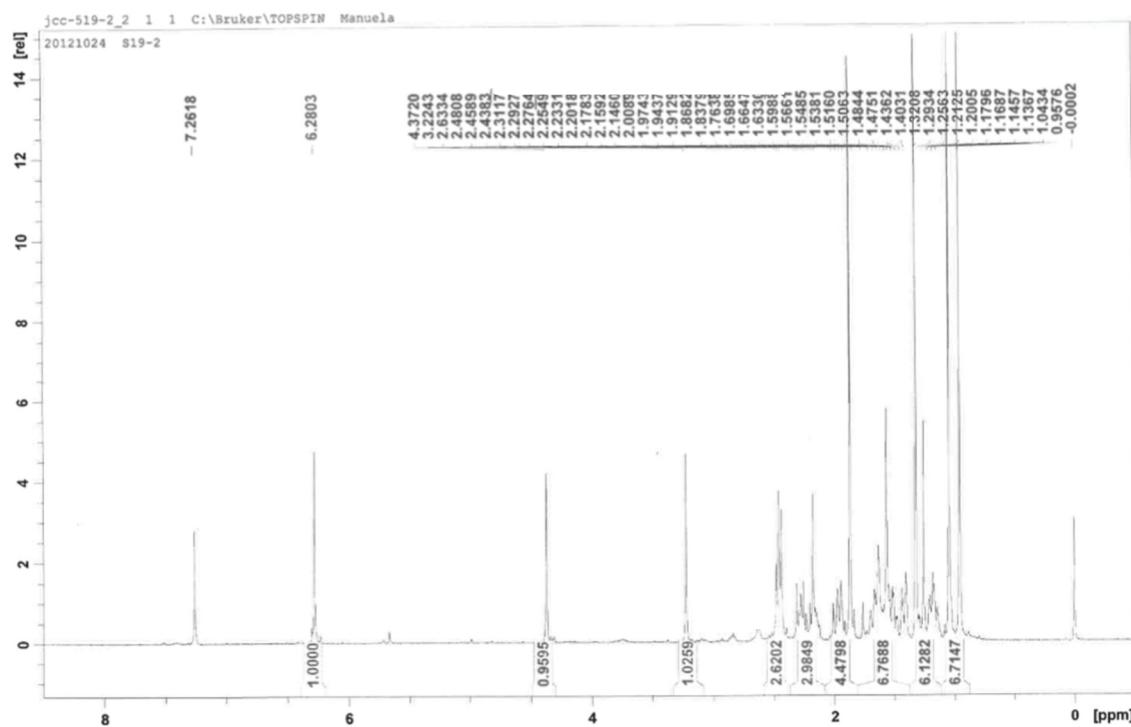
**<sup>1</sup>H NMR (CDCl<sub>3</sub>, 400 MHz) of compound 5**



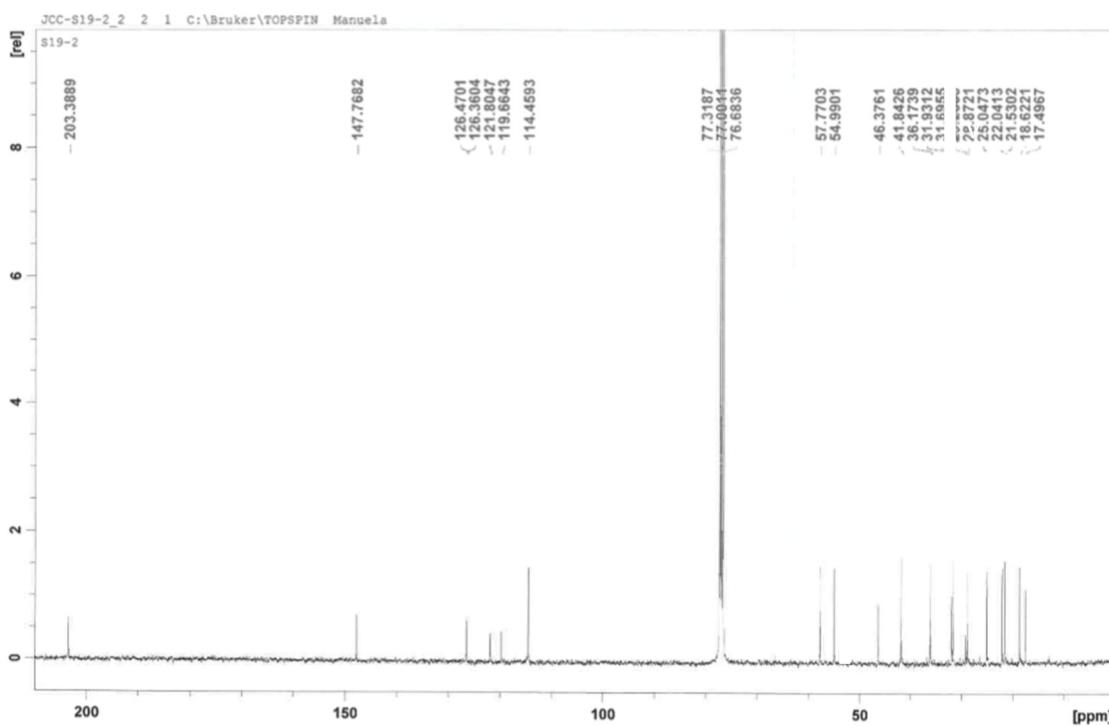
**<sup>13</sup>C NMR (CDCl<sub>3</sub>, 100 MHz) of compound 5**



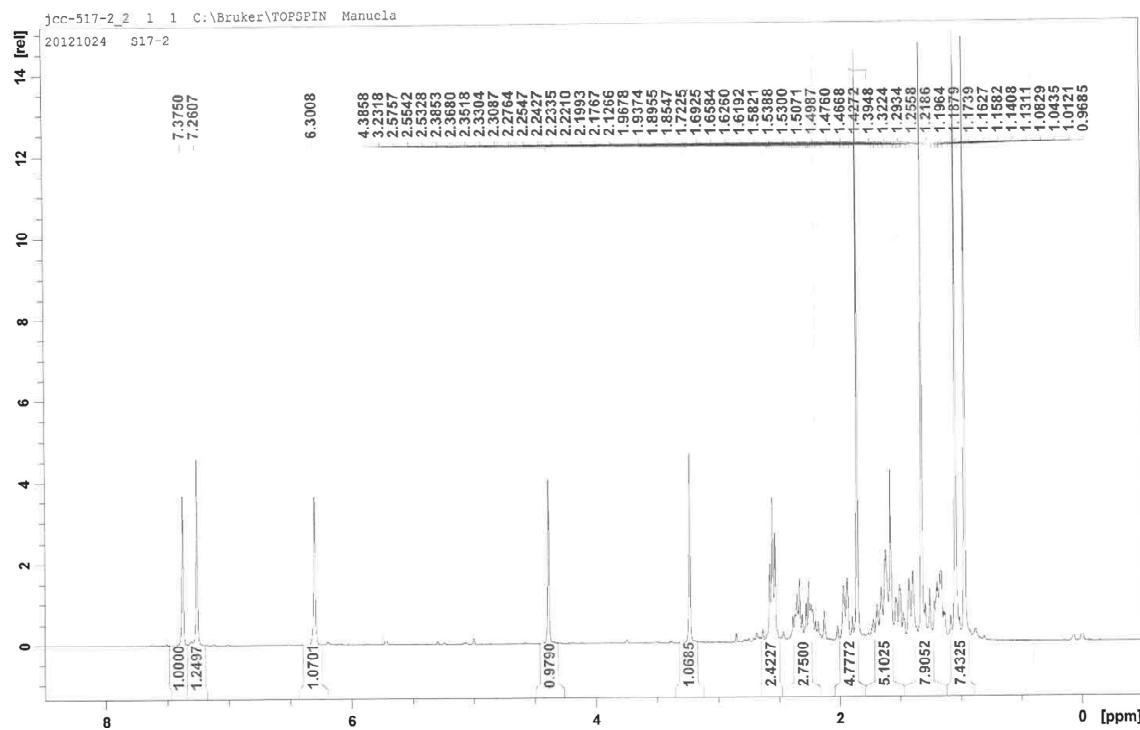
**<sup>1</sup>H NMR (CDCl<sub>3</sub>, 400 MHz) of compound 6**



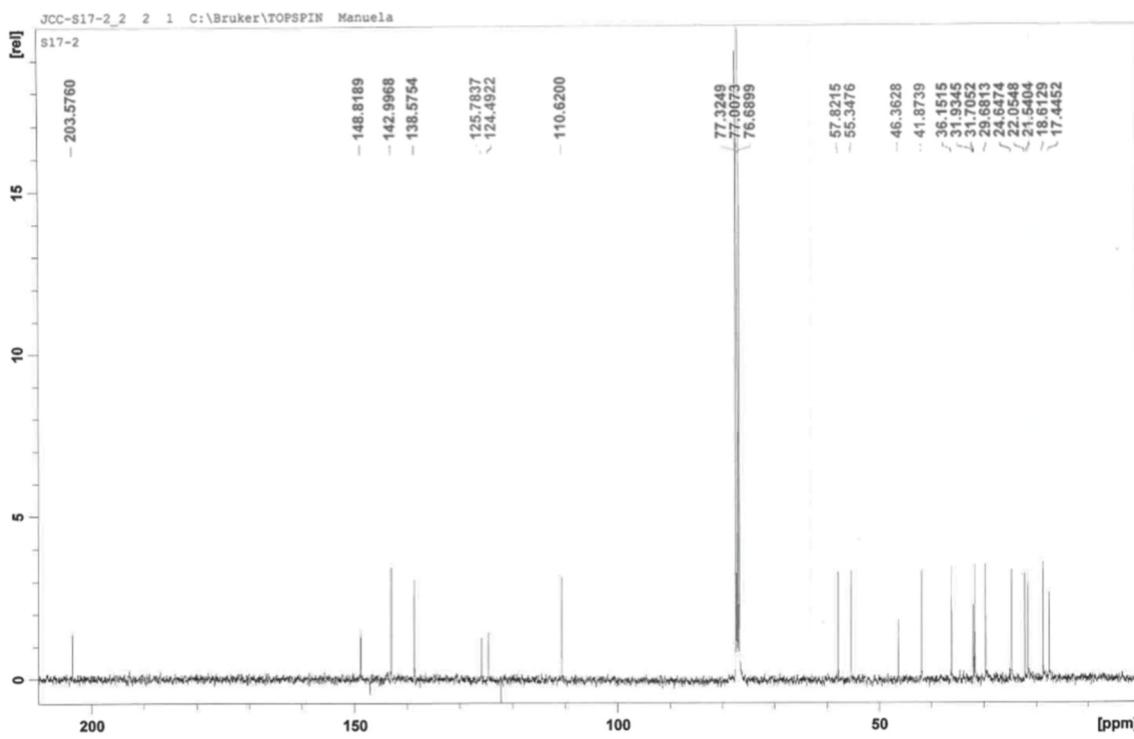
**<sup>13</sup>C NMR (CDCl<sub>3</sub>, 100 MHz) of compound 6**



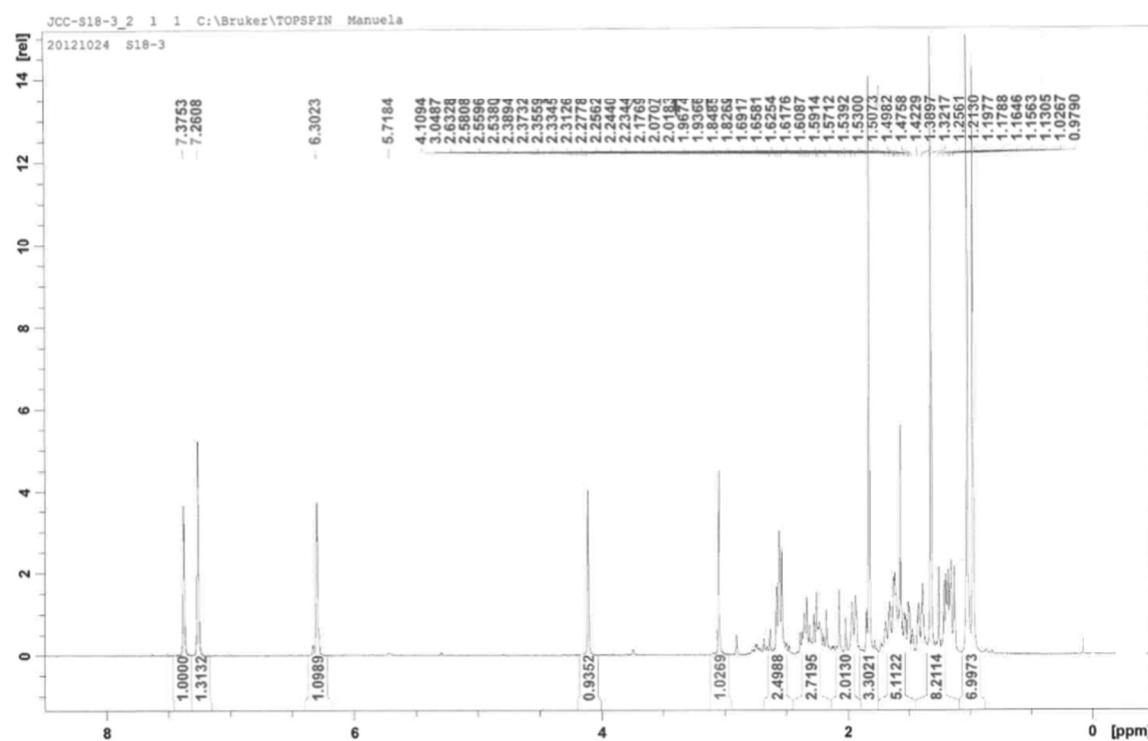
**<sup>1</sup>H NMR (CDCl<sub>3</sub>, 400 MHz) of compound 7**



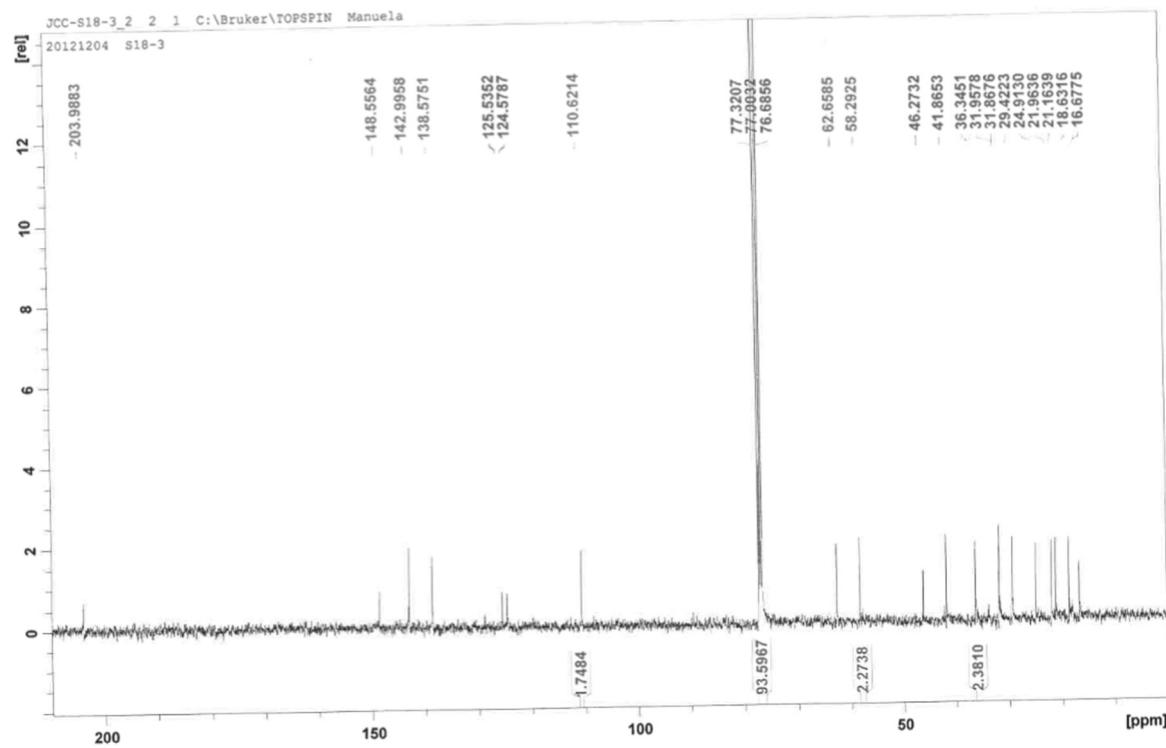
**<sup>13</sup>C NMR (CDCl<sub>3</sub>, 100 MHz) of compound 7**



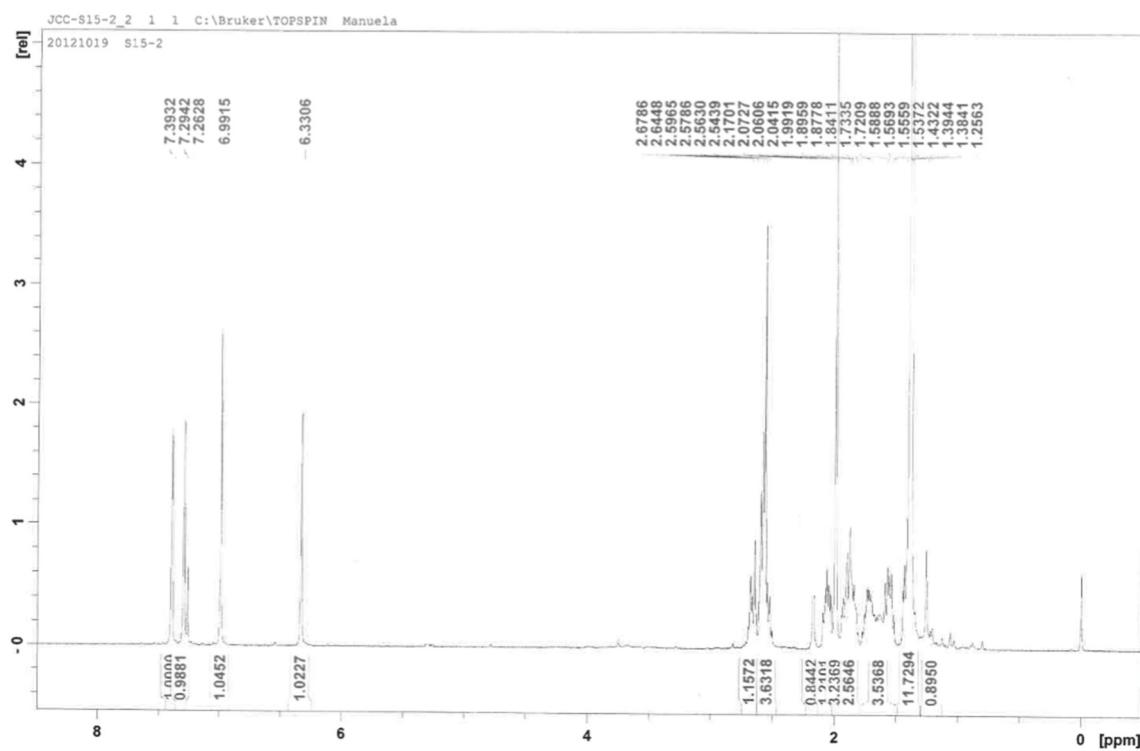
**<sup>1</sup>H NMR (CDCl<sub>3</sub>, 400 MHz) of compound 8**



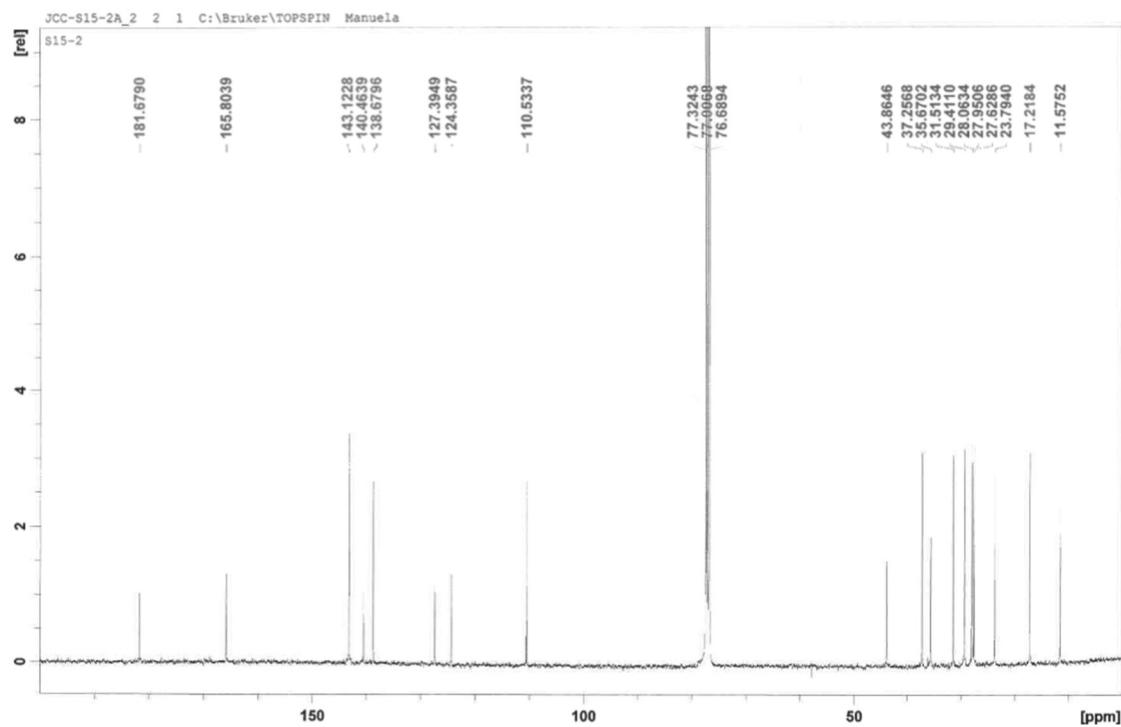
**<sup>13</sup>C NMR (CDCl<sub>3</sub>, 100 MHz) of compound 8**



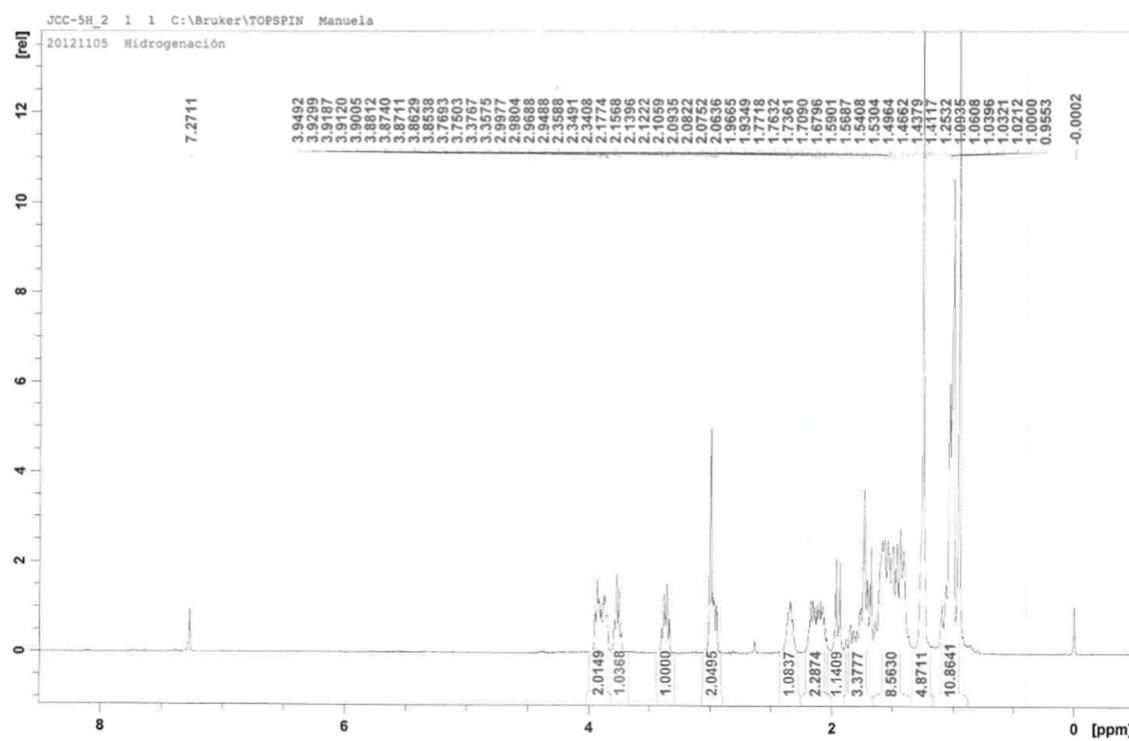
**<sup>1</sup>H NMR (CDCl<sub>3</sub>, 400 MHz) of compound 9**



**<sup>13</sup>C NMR (CDCl<sub>3</sub>, 100 MHz) of compound 9**



**<sup>1</sup>H NMR (CDCl<sub>3</sub>, 400 MHz) of compound 10**



**<sup>13</sup>C NMR (CDCl<sub>3</sub>, 100 MHz) of compound 10**

