

# Sesquiterpene lactones from *Calea pinnatifida*: absolute configuration and structural requirements for antitumor activity

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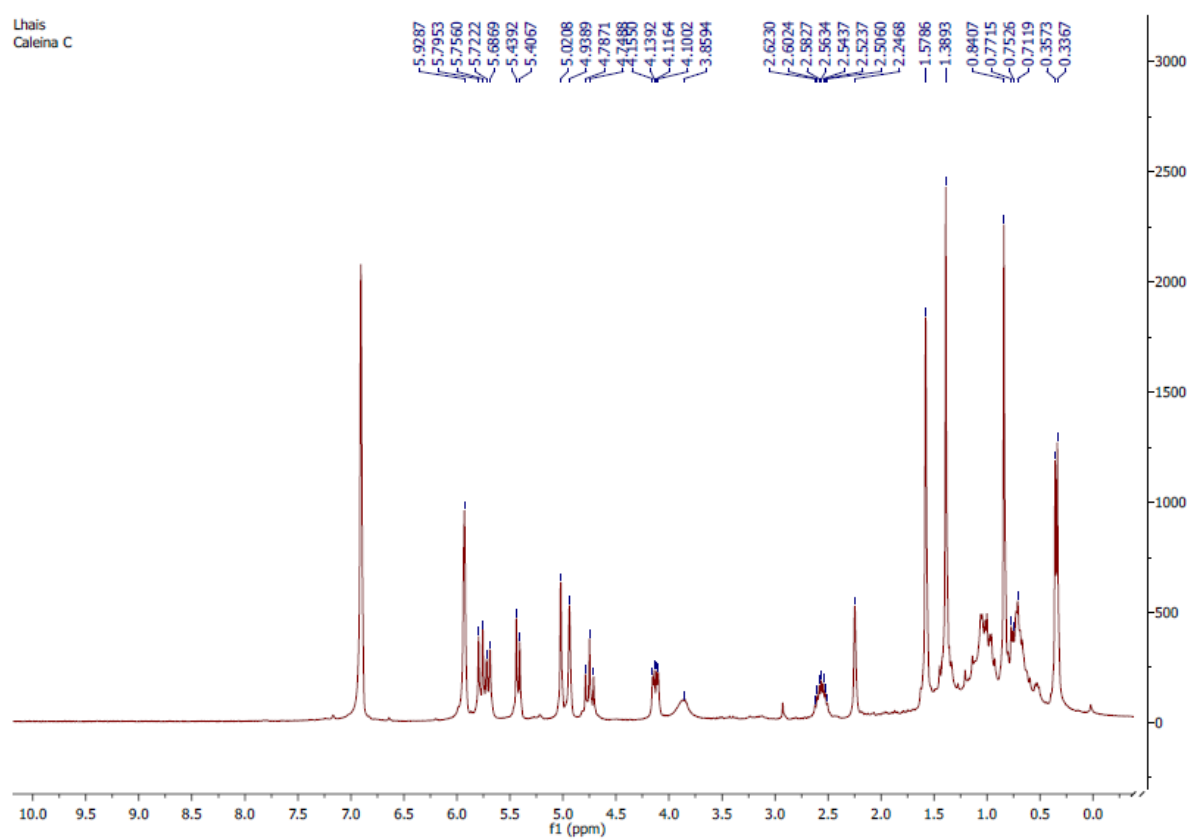


Figure S1: <sup>1</sup>H NMR spectrum of (1) (300 MHz; Benzene *d*<sub>6</sub>)

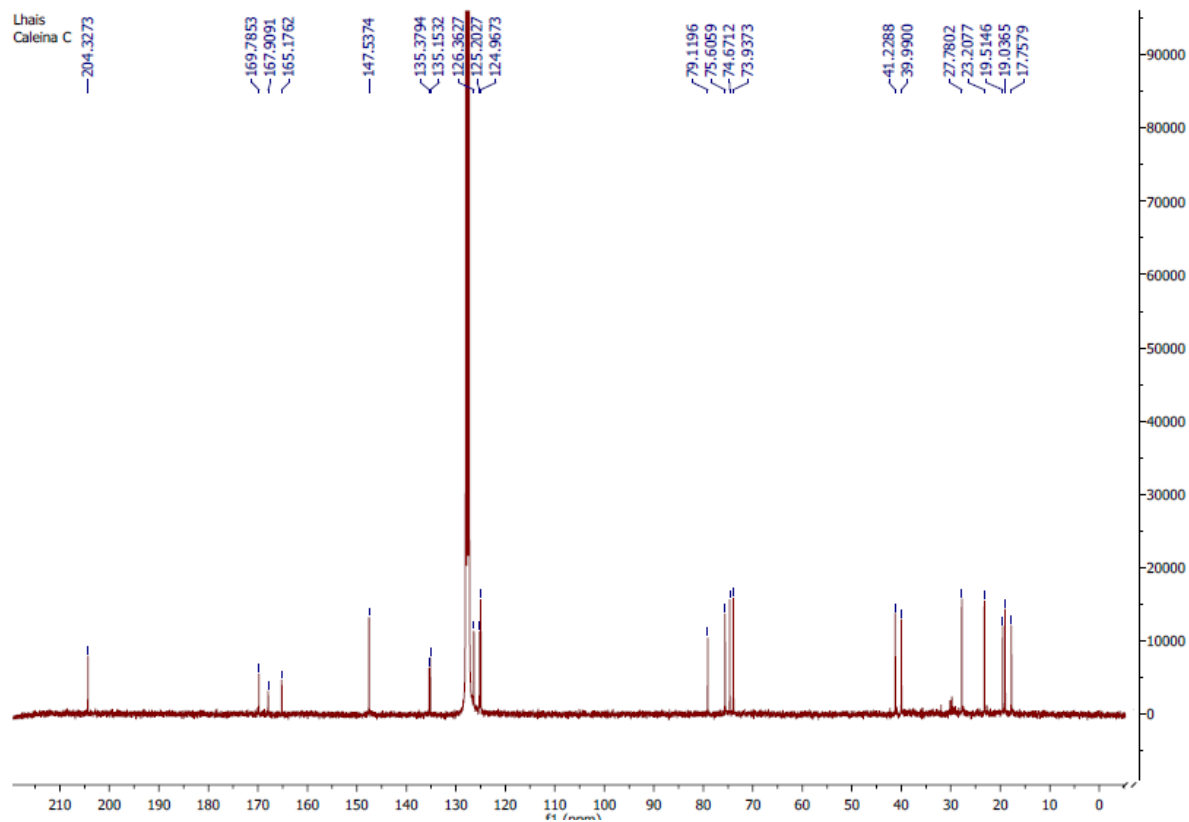


Figure S2: <sup>13</sup>C NMR spectrum of (1) (75 MHz; Benzene *d*<sub>6</sub>)

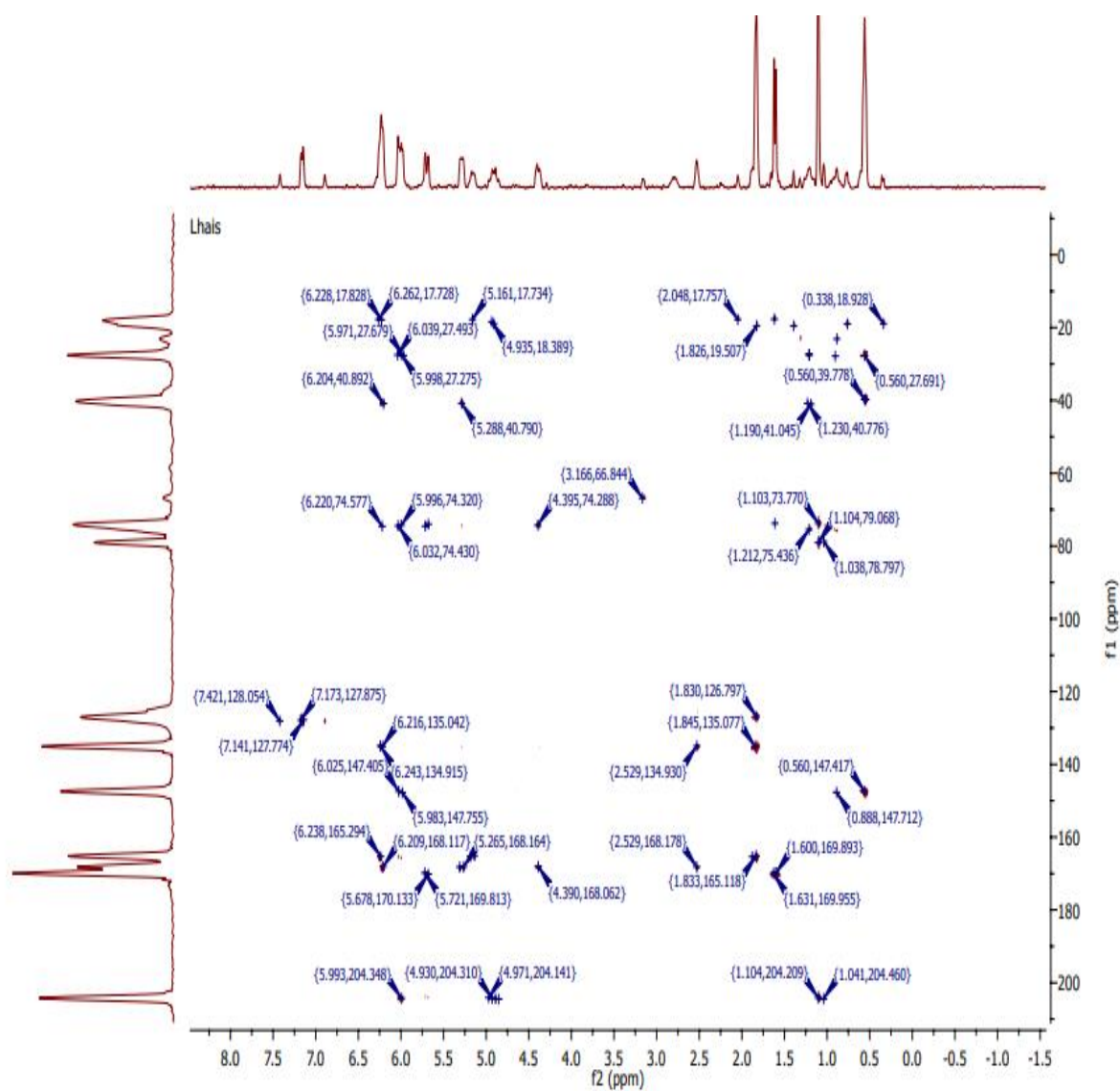


Figure S3: HMBC NMR spectrum of (1) (300 MHz; Benzene  $d_6$ )

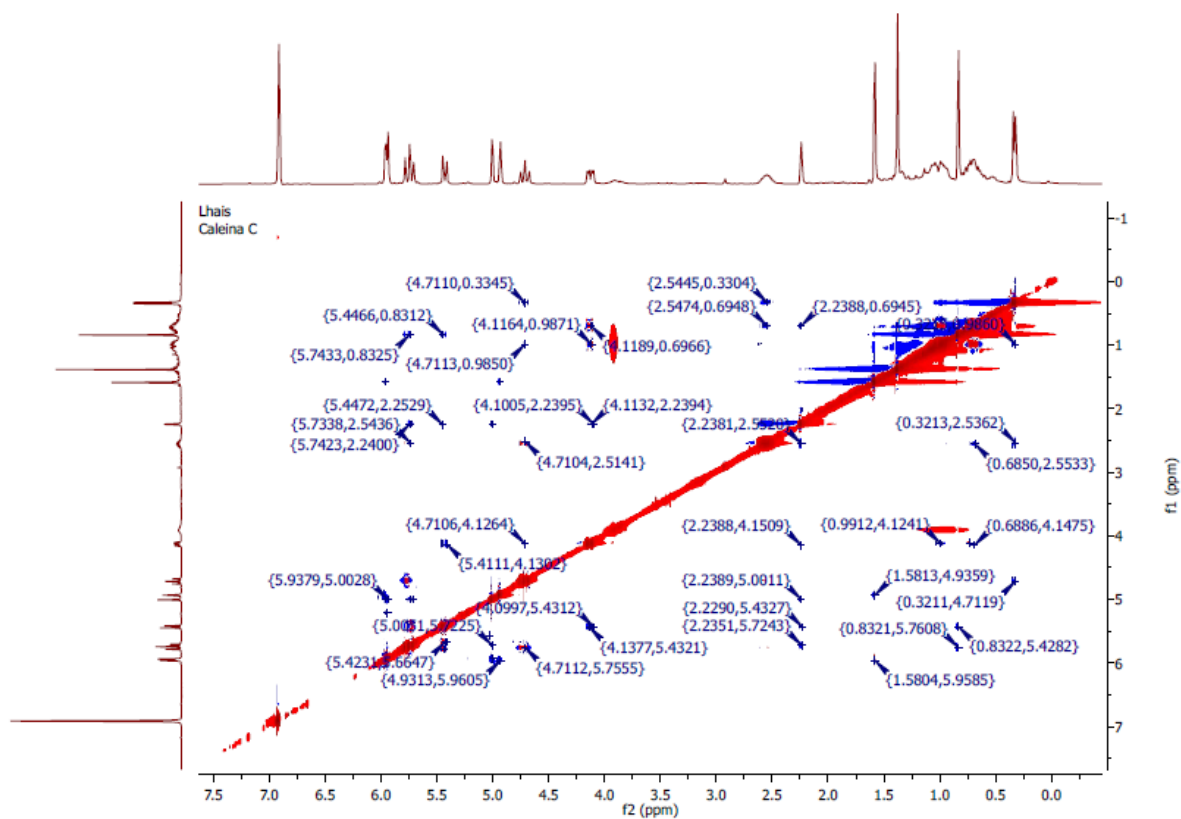


Figure S4: **NOESY** NMR spectrum of (1) (300 MHz; Benzene  $d_6$ )

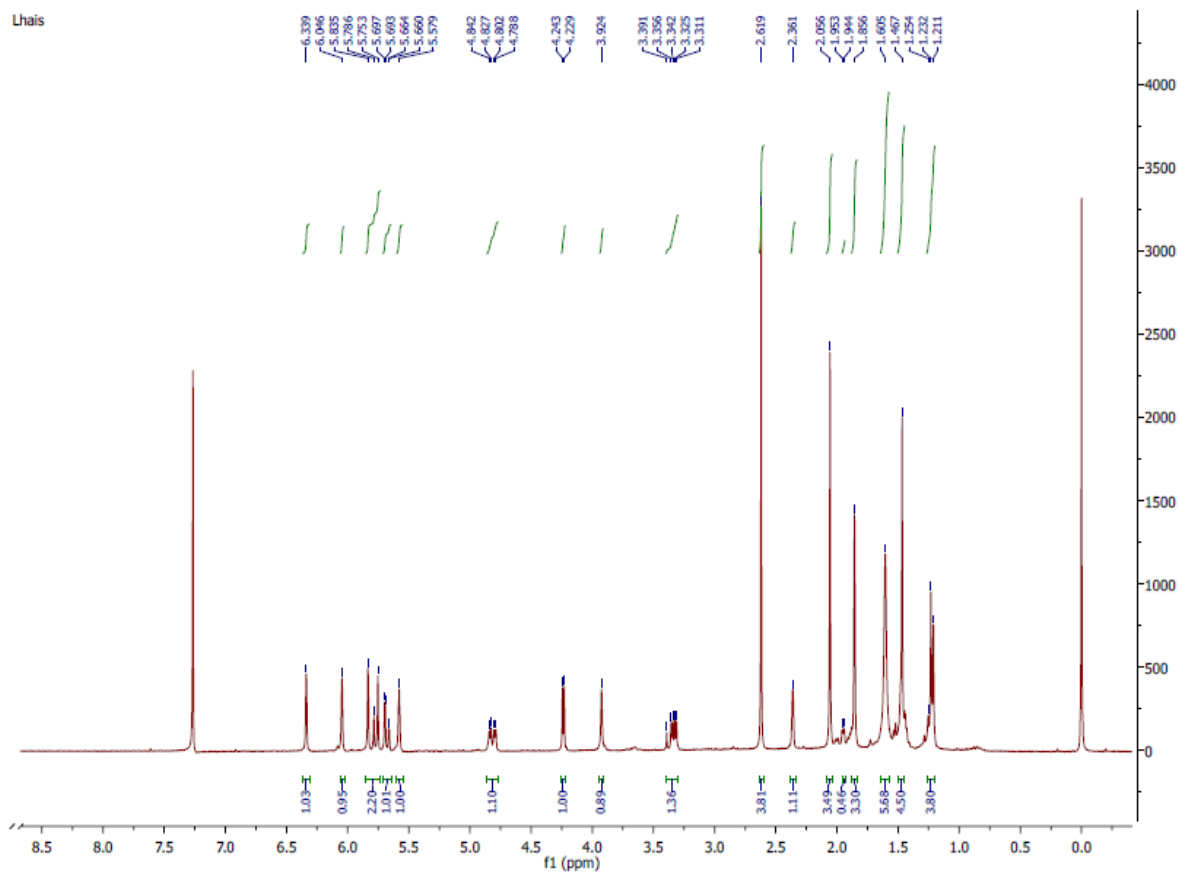


Figure S5:  $^1\text{H}$  NMR spectrum of **(2)** (300 MHz;  $\text{CDCl}_3$ )

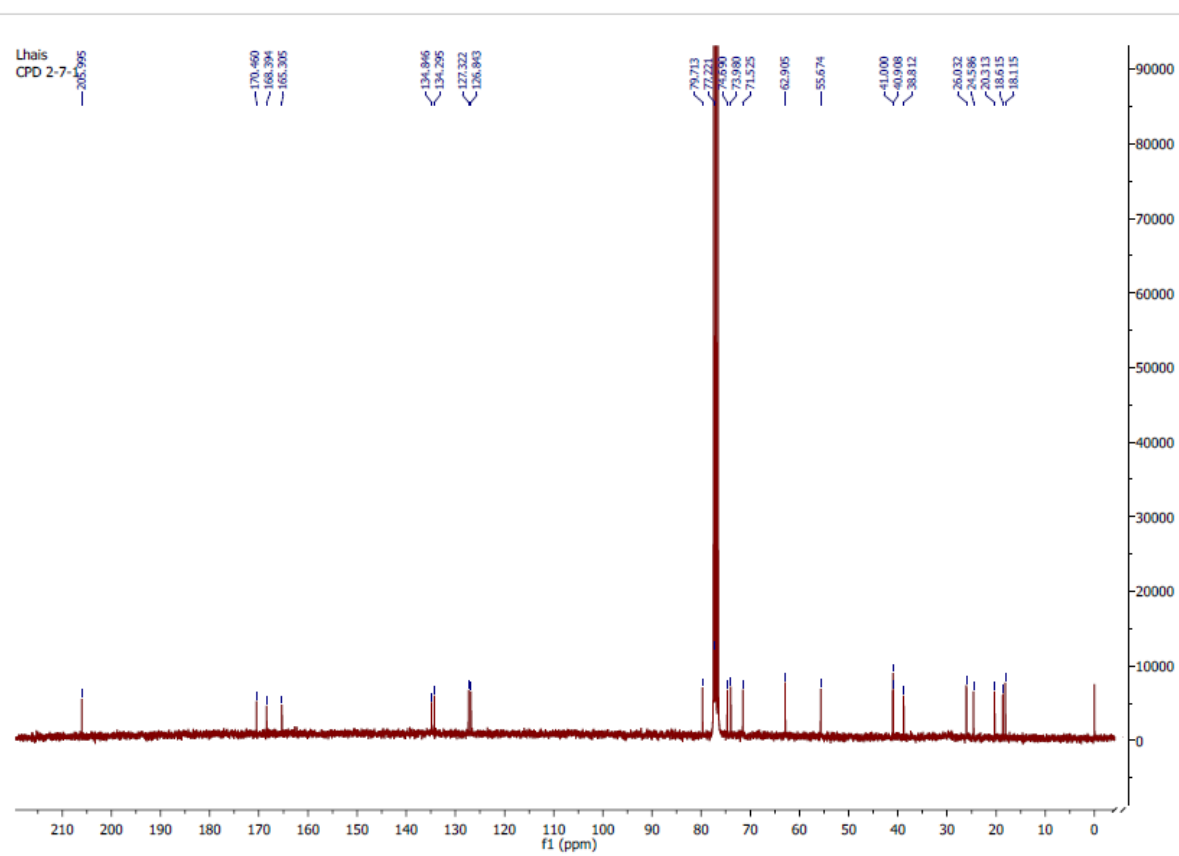


Figure S6:  $^{13}\text{C}$  NMR spectrum of **(2)** (75 MHz;  $\text{CDCl}_3$ )

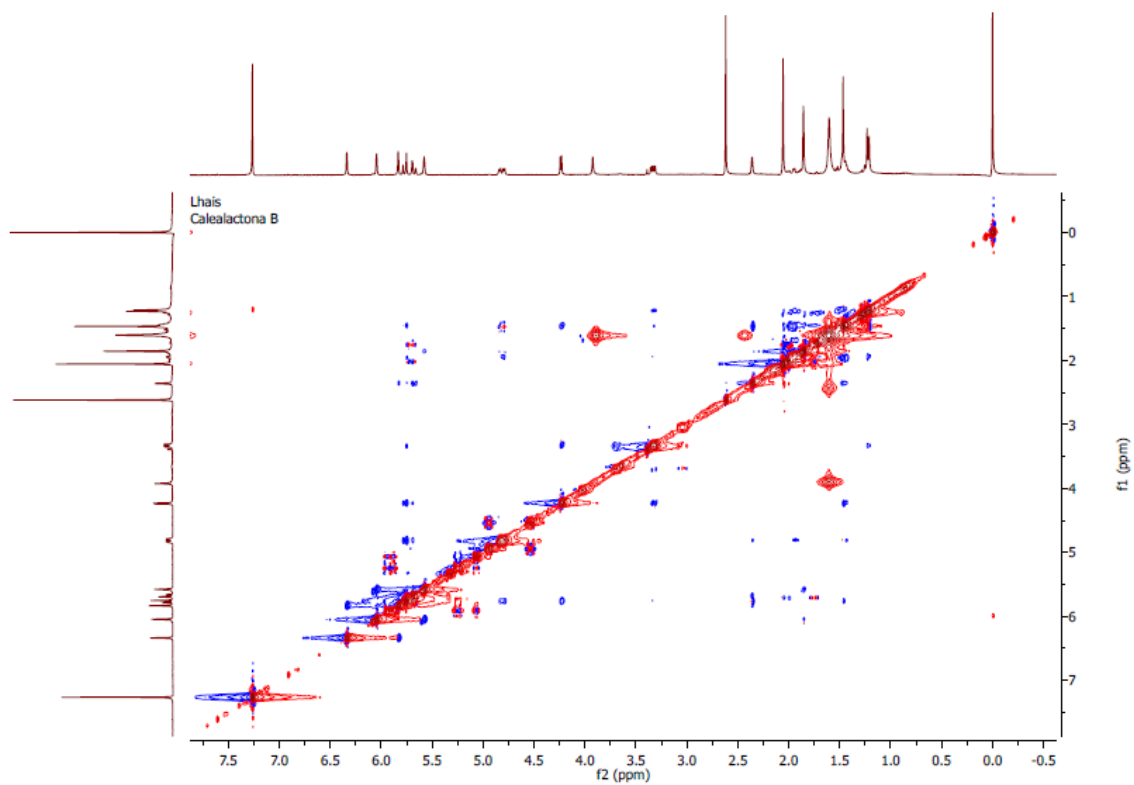


Figure S7: **NOESY** NMR spectrum of **(2)** (300 MHz; CDCl<sub>3</sub>)

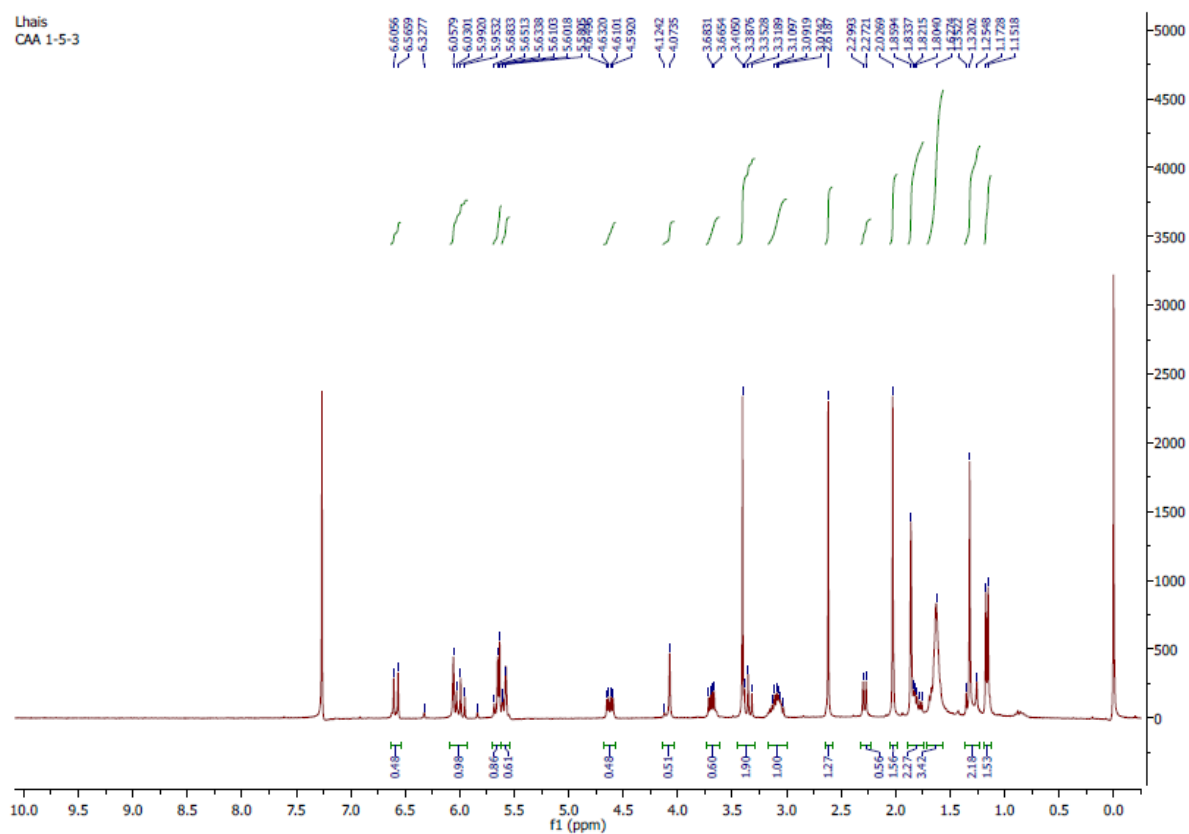


Figure S8: <sup>1</sup>H NMR spectrum of **(3)** (300 MHz; CDCl<sub>3</sub>)

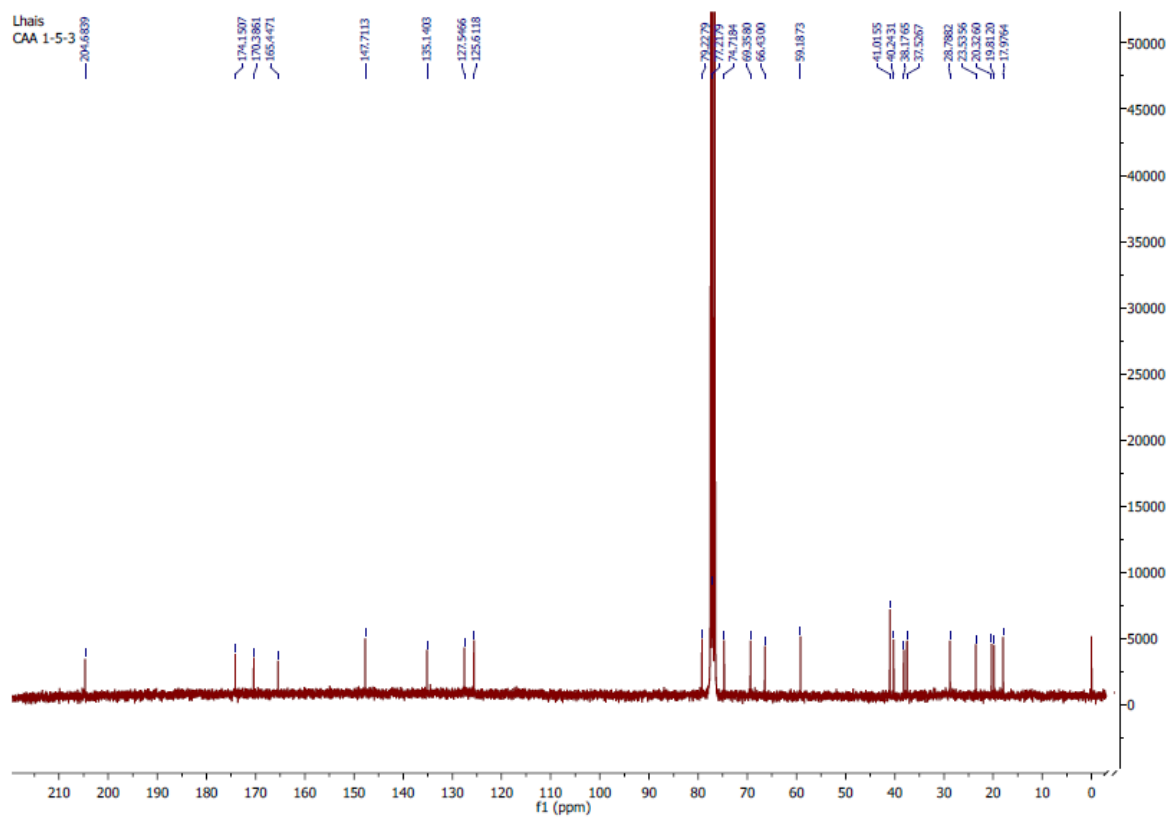


Figure S9:  $^{13}\text{C}$  NMR spectrum of **(3)** (75 MHz;  $\text{CDCl}_3$ )