

## Supporting Information

*Rec. Nat. Prod.* X:X (2019) XX-XX

### New Aromadendrane Sesquiterpenoid Pseuboydone F from the Marine-derived Fungus *Pseudallescheriaboydii* F44-1

Mei-Xiang Yuan<sup>1</sup>, Qi Guo<sup>1</sup>, Yan-Qin Ran<sup>2</sup>, Yi Qiu<sup>1</sup>, Wen-Jian Lan<sup>3</sup>,  
and Hou-Jin Li<sup>1,\*</sup>

<sup>1</sup>*School of Chemistry, Sun Yat-sen University, Guangzhou 510275, P. R. China*

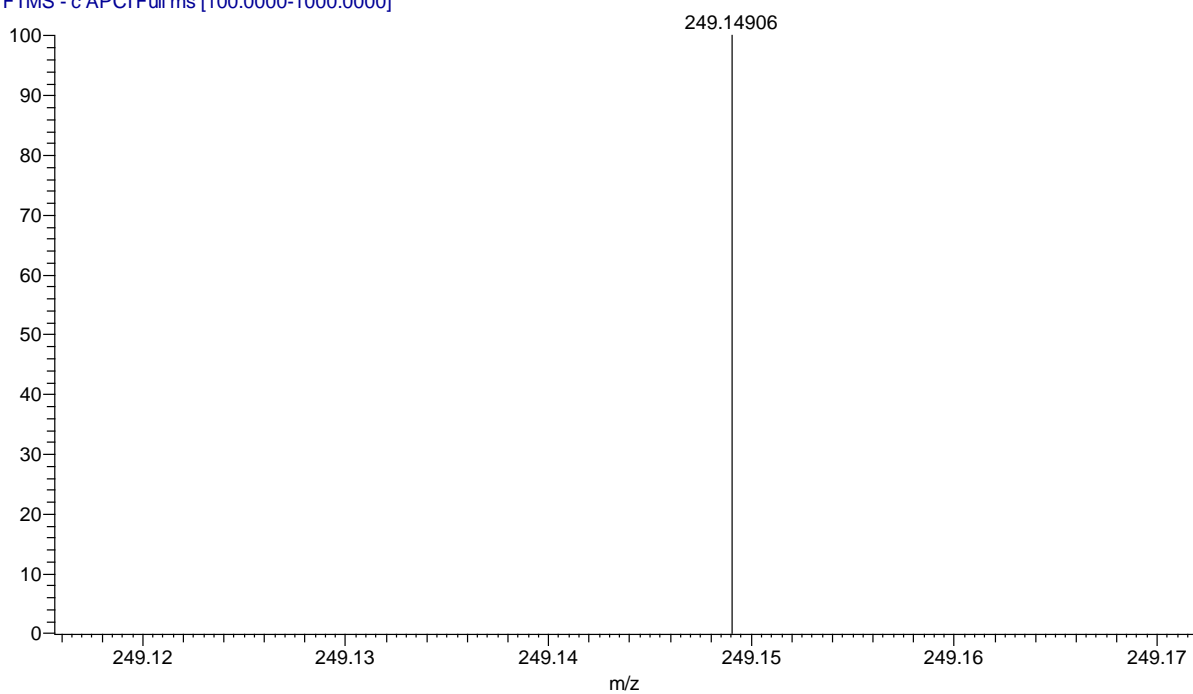
<sup>2</sup>*School of Traditional Chinese Medicine, Guangdong Pharmaceutical University, Guangzhou 510006, P.  
R. China*

<sup>3</sup>*School of Pharmaceutical Sciences, Sun Yat-sen University, Guangzhou 510006, P. R. China*

Table of Contents	Page
<b>Figure S1:</b> HR-APCI-MS spectrum of pseuboydone F ( <b>1</b> )	2
<b>Figure S2:</b> <sup>1</sup> H NMR spectrum of pseuboydone F ( <b>1</b> ) in CDCl <sub>3</sub> (600 MHz)	3
<b>Figure S3:</b> <sup>13</sup> C NMR spectrum of pseuboydone F ( <b>1</b> ) in CDCl <sub>3</sub> (150 MHz)	4
<b>Figure S4:</b> DEPT 135 spectrum of pseuboydone F ( <b>1</b> ) in CDCl <sub>3</sub> (150 MHz)	5
<b>Figure S5:</b> <sup>1</sup> H- <sup>1</sup> H COSY spectrum of pseuboydone F ( <b>1</b> ) in CDCl <sub>3</sub>	6
<b>Figure S6:</b> HMQC spectrum of pseuboydone F ( <b>1</b> ) in CDCl <sub>3</sub>	7
<b>Figure S7:</b> HMBC spectrum of pseuboydone F ( <b>1</b> ) in CDCl <sub>3</sub>	8
<b>Figure S8:</b> NOESY spectrum of pseuboydone F ( <b>1</b> ) in CDCl <sub>3</sub>	9
<b>Figure S9:</b> <sup>1</sup> H NMR spectrum of pseuboydone A ( <b>2</b> ) in CDCl <sub>3</sub> (400 MHz)	10
<b>Figure S10:</b> <sup>13</sup> C NMR spectrum of pseuboydone A ( <b>2</b> ) in CDCl <sub>3</sub> (100 MHz)	11

\* Corresponding author: E-Mail: ceslhj@mail.sysu.edu.cn; Phone: 86-20-84113698; Fax: 86-20-84112245

new1 #12 RT: 0.04 AV: 1 NL: 3.25E7  
T: FTMS - c APCI Full ms [100.0000-1000.0000]



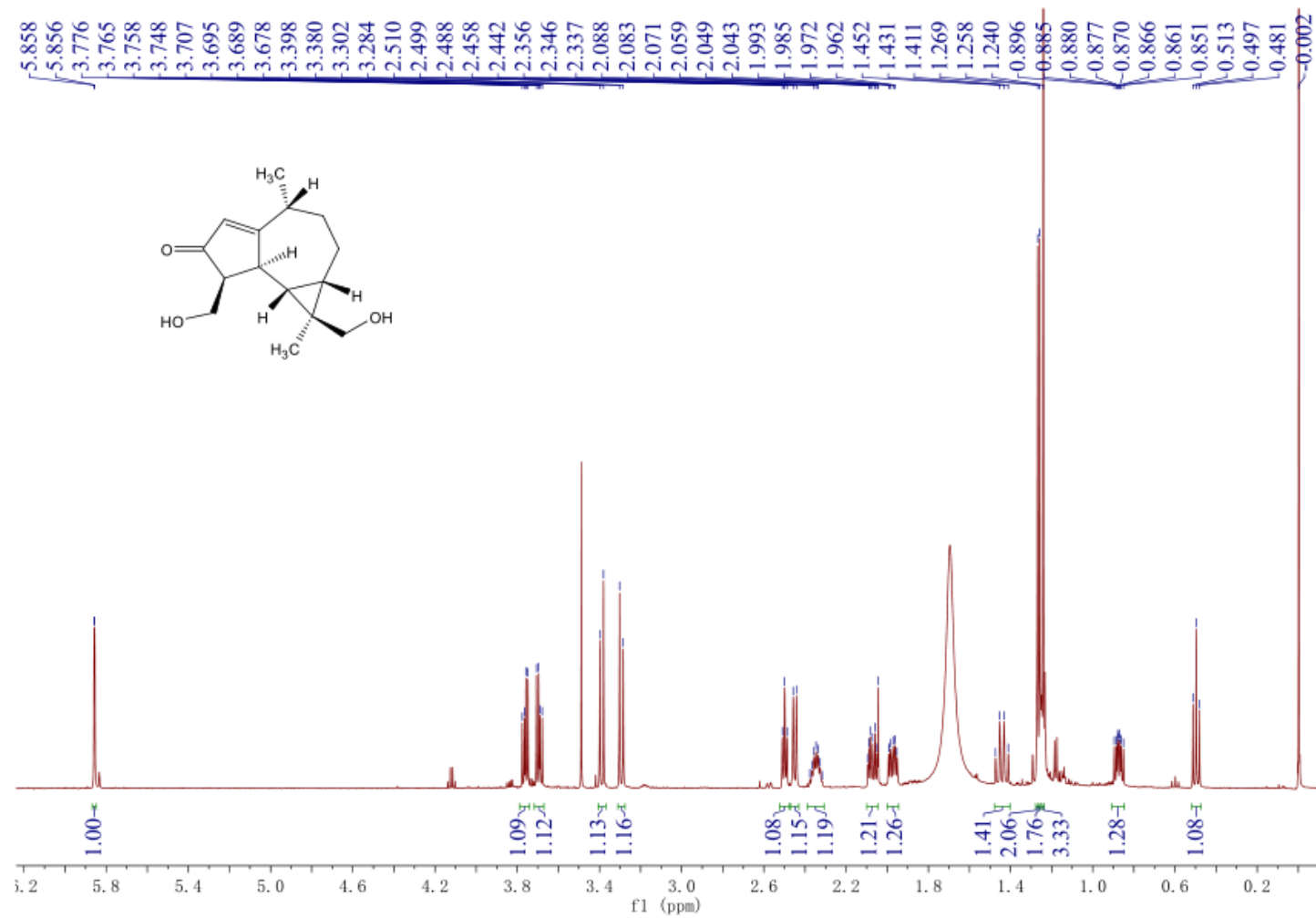
SPECTRUM - simulation :

<i>m/z</i>	Theo. Mass	Delta (ppm)	RDB equiv.	Composition
249.14906	249.14962	-2.24	5.5	C <sub>15</sub> H <sub>21</sub> O <sub>3</sub>

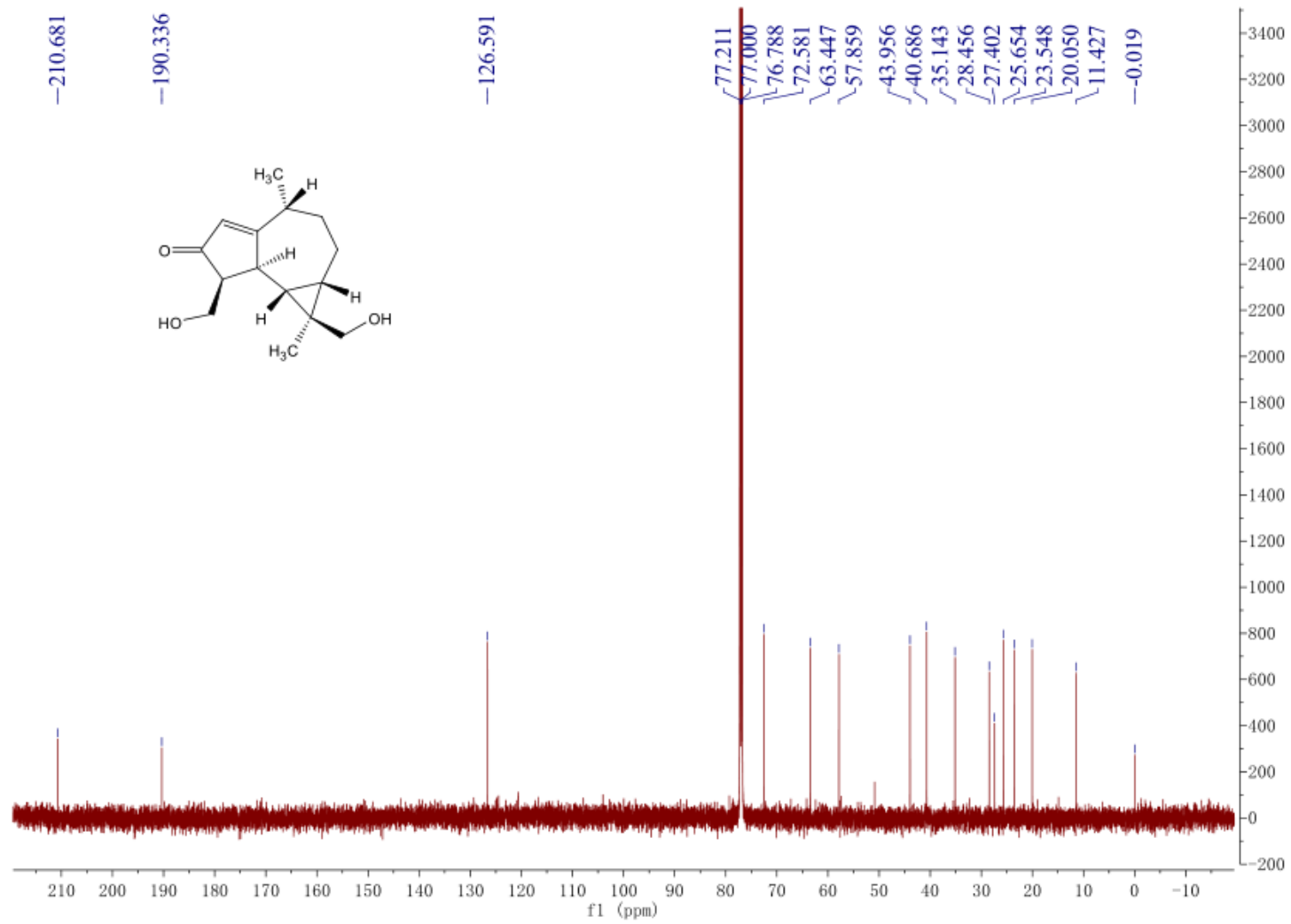
Limits:

- (1) Charge: -1
- (2) Nitrogen-Rule: Do not use
- (3) Mass tolerance: 5.00 ppm
- (4) Elements in use: <sup>12</sup>C(0~30), <sup>1</sup>H(0~40), <sup>16</sup>O(0~5)

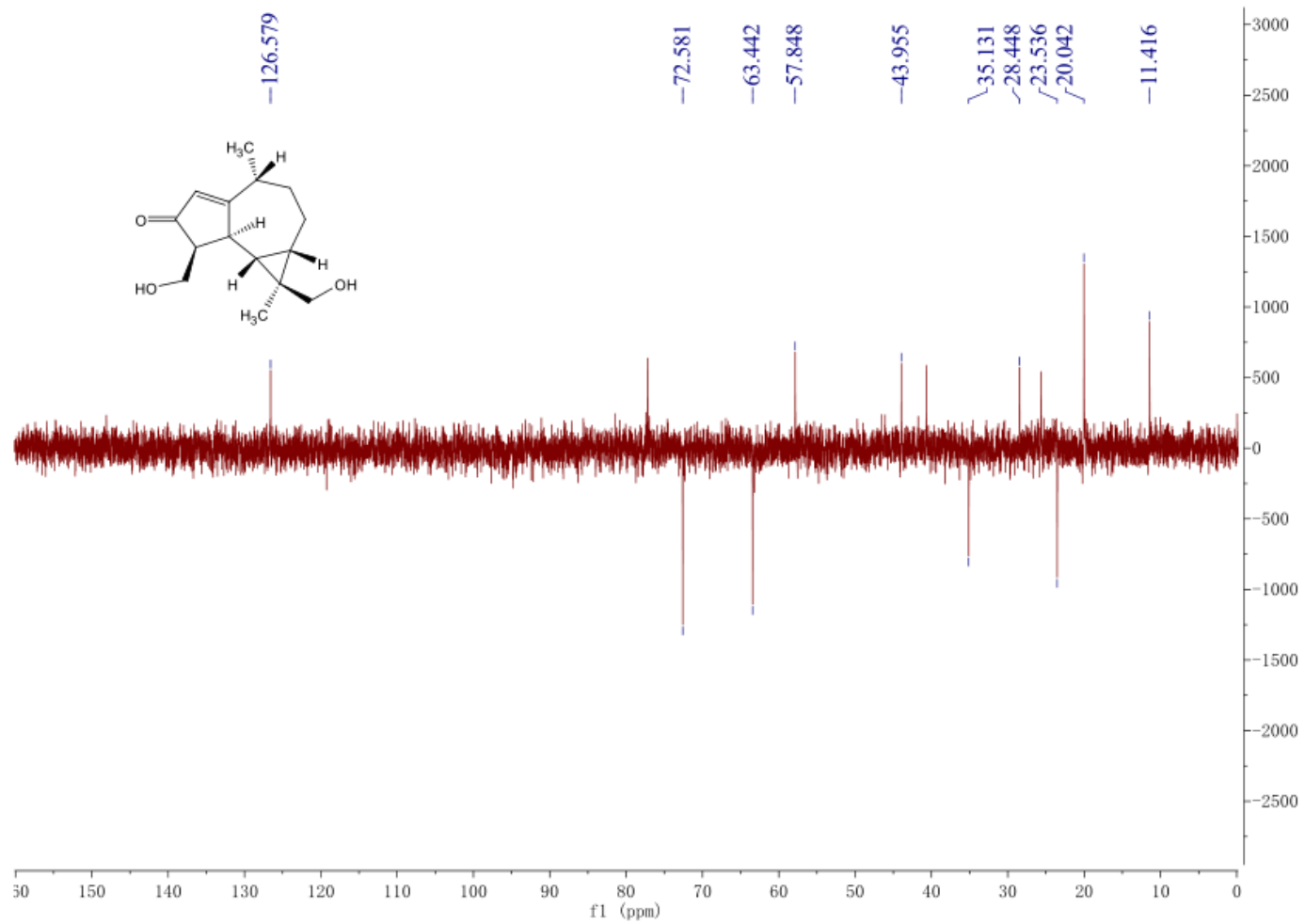
**Figure S1:** HR-APCI-MS spectrum of pseuboydone F (1)



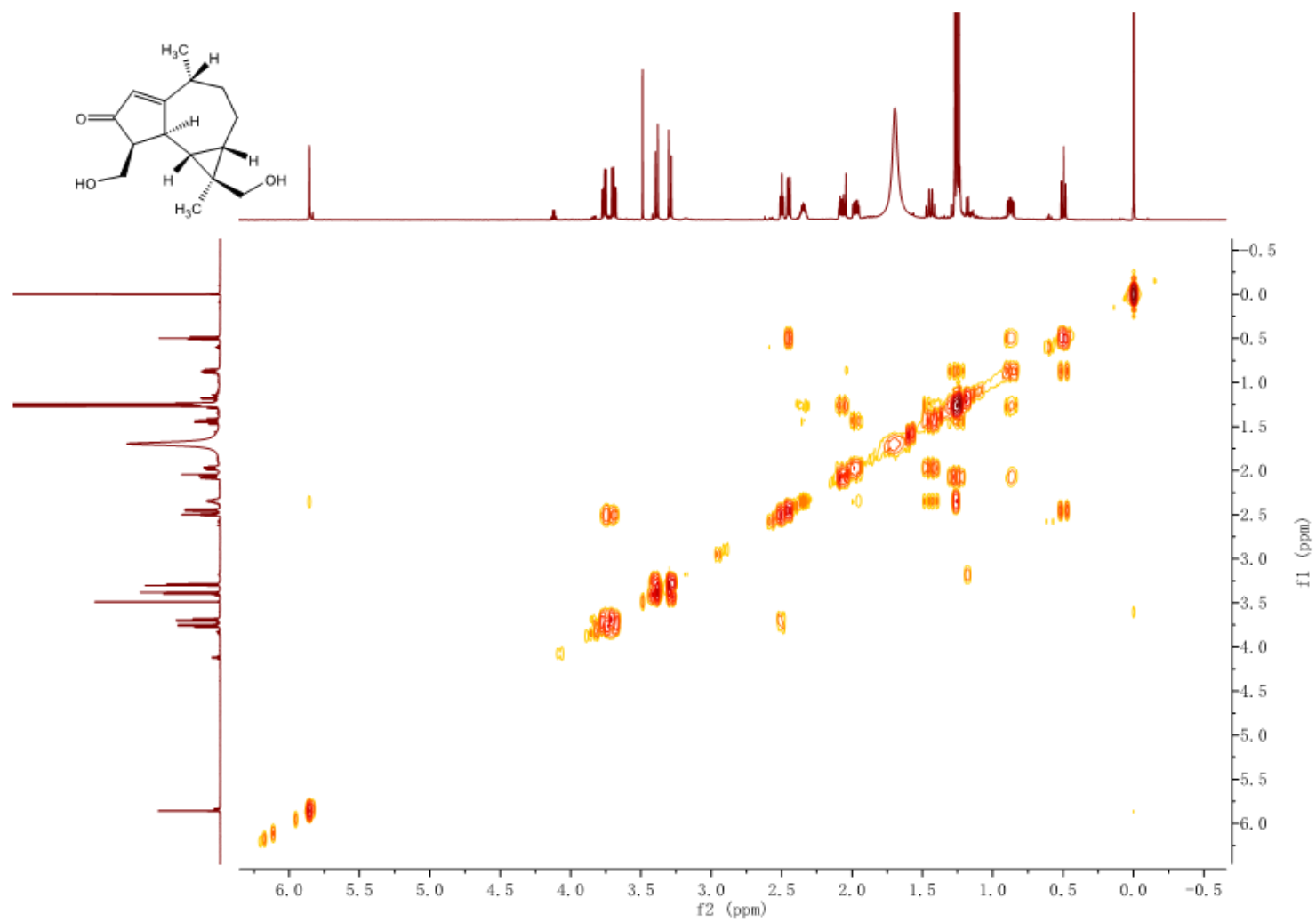
**Figure S2:** <sup>1</sup>H NMR spectrum of pseudoydone F (1) in CDCl<sub>3</sub> (600 MHz)



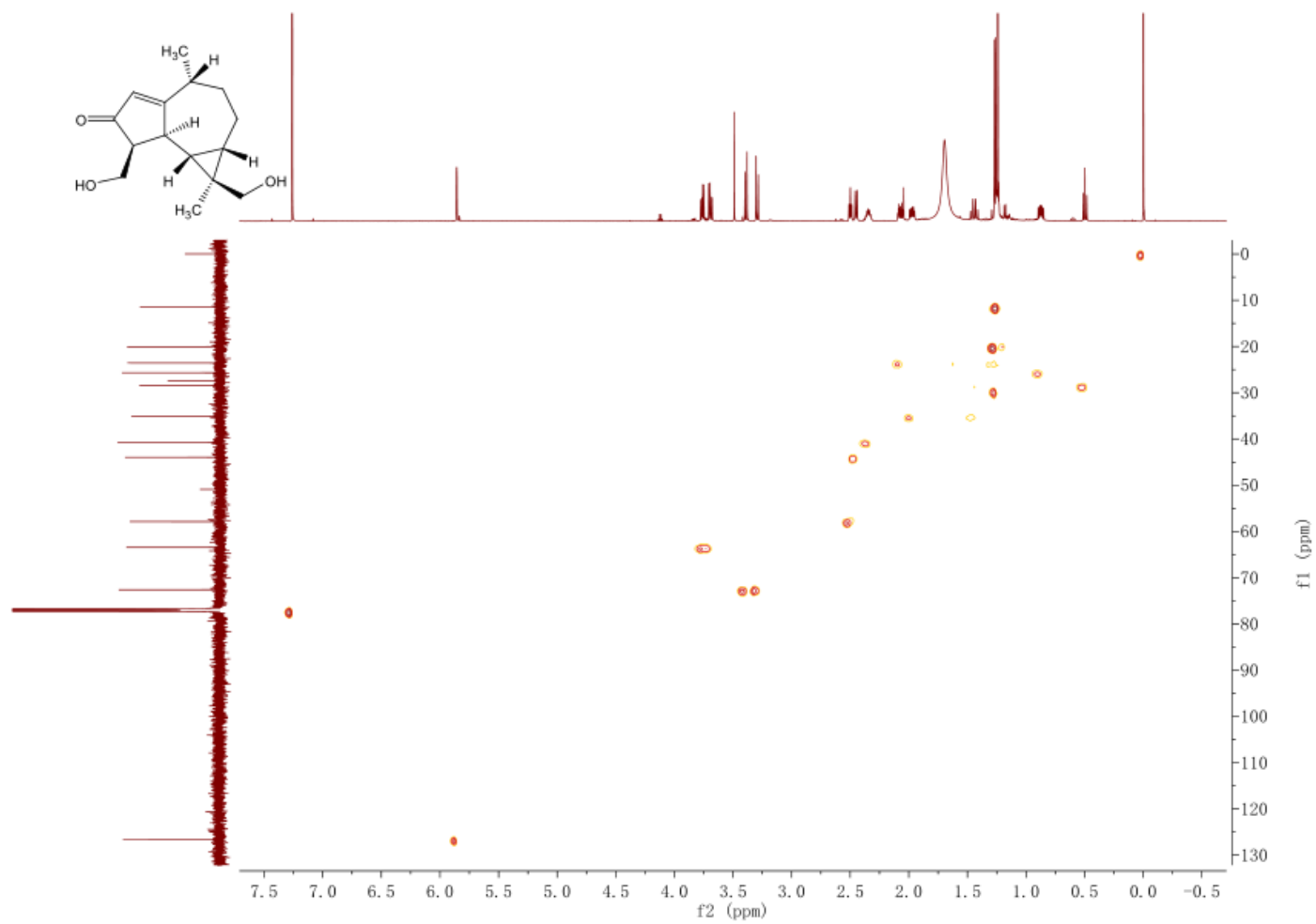
**Figure S3:**  $^{13}\text{C}$  NMR spectrum of pseudoydone F (1) in  $\text{CDCl}_3$  (150 MHz)



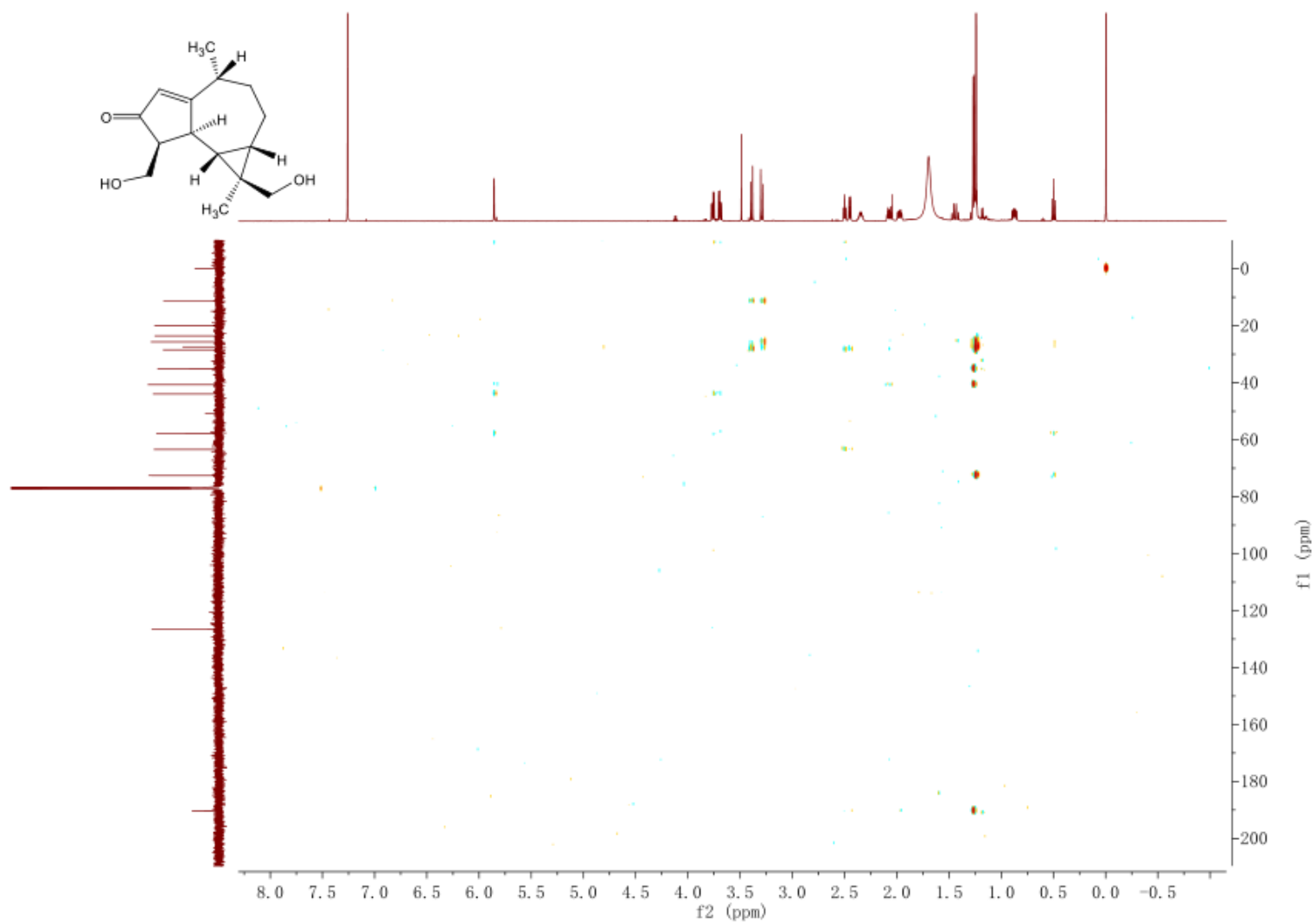
**Figure S4:** DEPT 135 spectrum of pseudoydone F (**1**) in CDCl<sub>3</sub> (150 MHz)



**Figure S5:**  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of pseudoydone F (**1**) in  $\text{CDCl}_3$

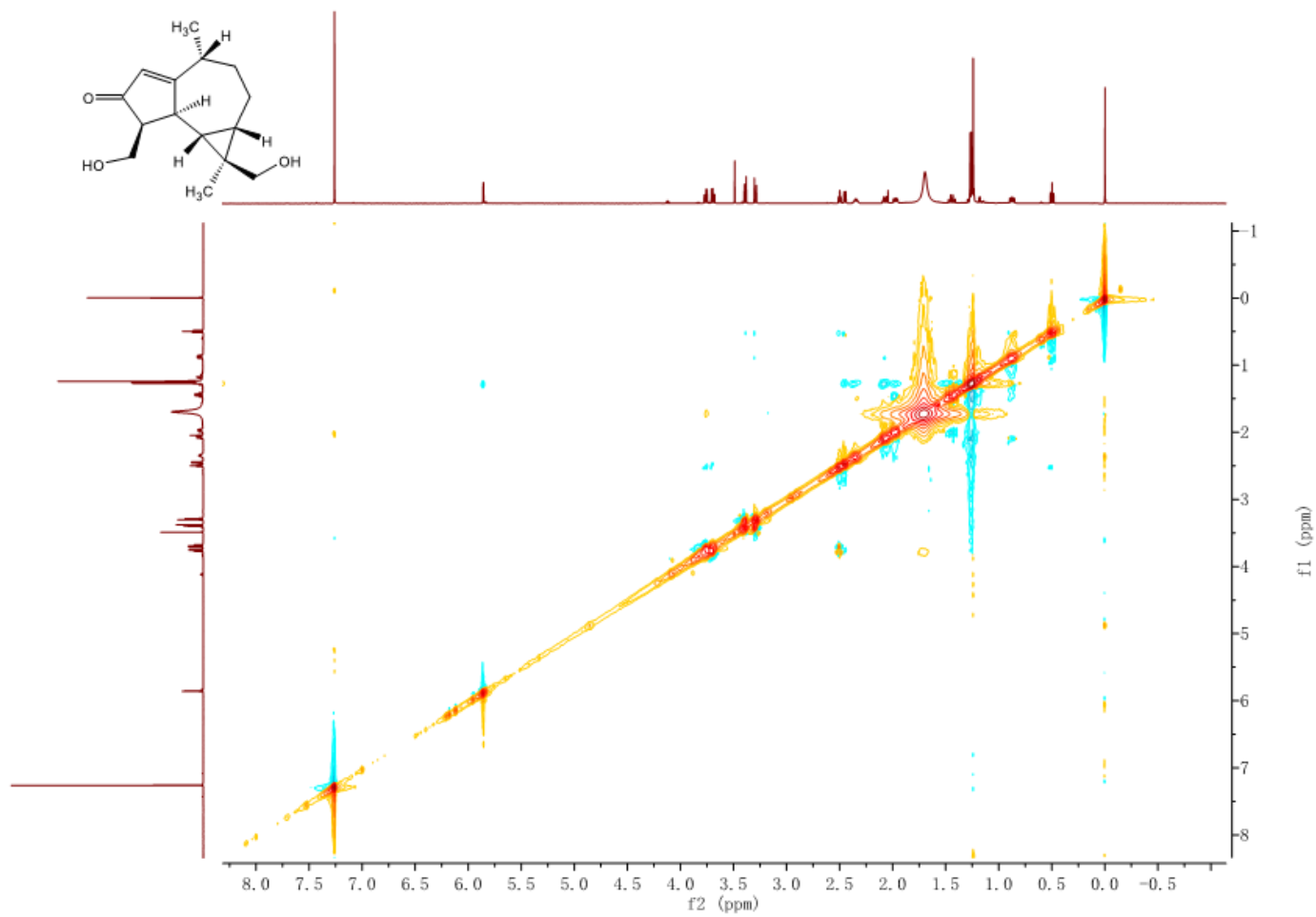


**Figure S6:** HMQC spectrum of pseuboydone F (**1**) in CDCl<sub>3</sub>

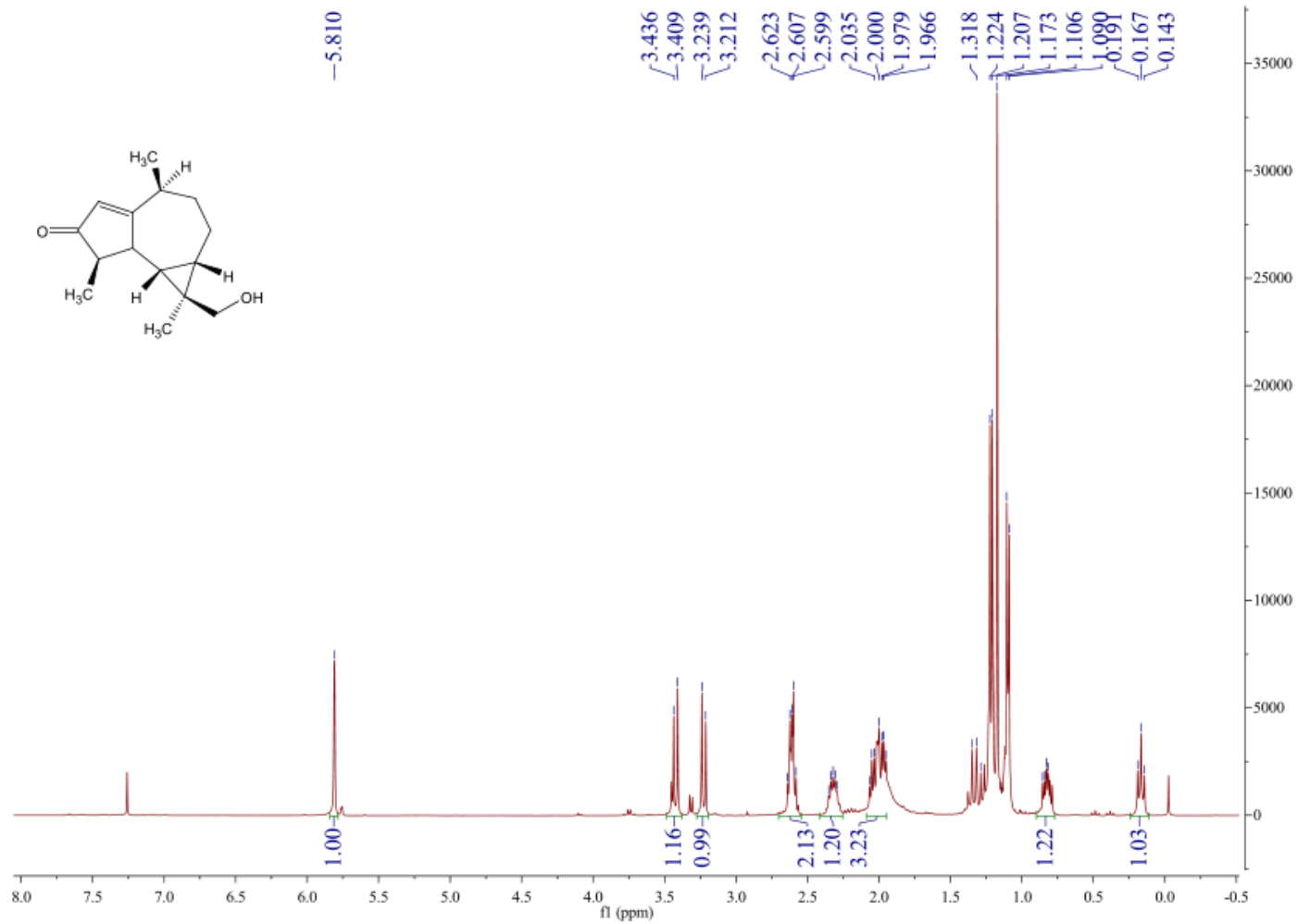


**Figure S7:** HMBC spectrum of pseuboydone F (1) in CDCl<sub>3</sub>

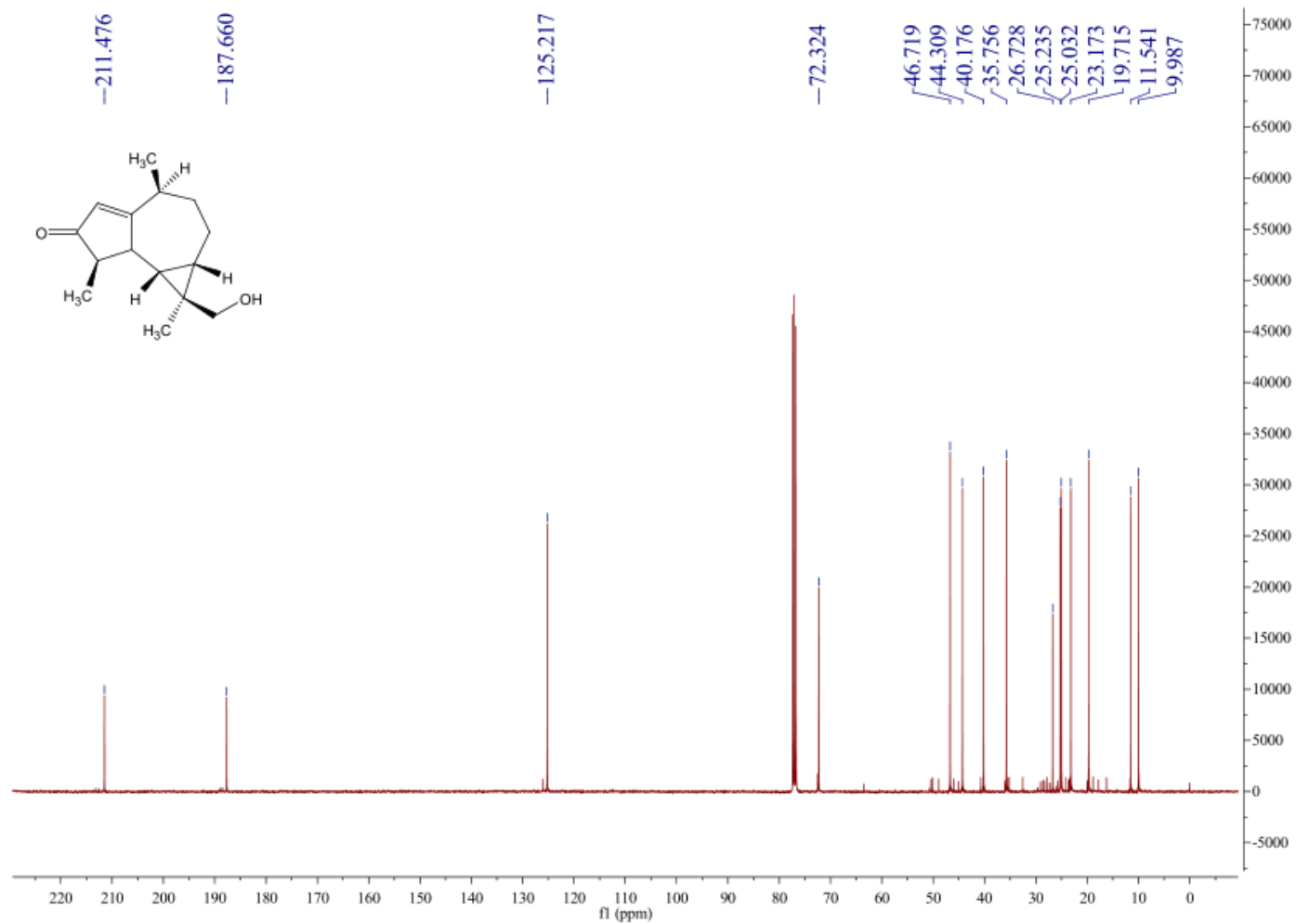




**Figure S8:** NOESY spectrum of pseudoydone F (**1**) in CDCl<sub>3</sub>



**Figure S9:**  $^1\text{H}$  NMR spectrum of pseudoydone A (**2**) in  $\text{CDCl}_3$  (400 MHz)



**Figure S10:**  $^{13}\text{C}$  NMR spectrum of pseuboydone A (**2**) in  $\text{CDCl}_3$  (100 MHz)