

## Supporting Information

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### A New Diarylbenzophenone from *Selaginella tamariscina*

Wanling Chen<sup>1#</sup>, Yujie Peng<sup>1#</sup>, Wanxia Huang<sup>1</sup>, Lu Zhou<sup>1</sup>, Xinyu Quan<sup>1</sup>,  
Qiong Zhao<sup>1</sup>, Dan Zhang<sup>1</sup>, Xifeng Sheng<sup>1</sup>, Yixiao Luo<sup>1\*</sup> and Hui Zou<sup>1,2\*</sup>

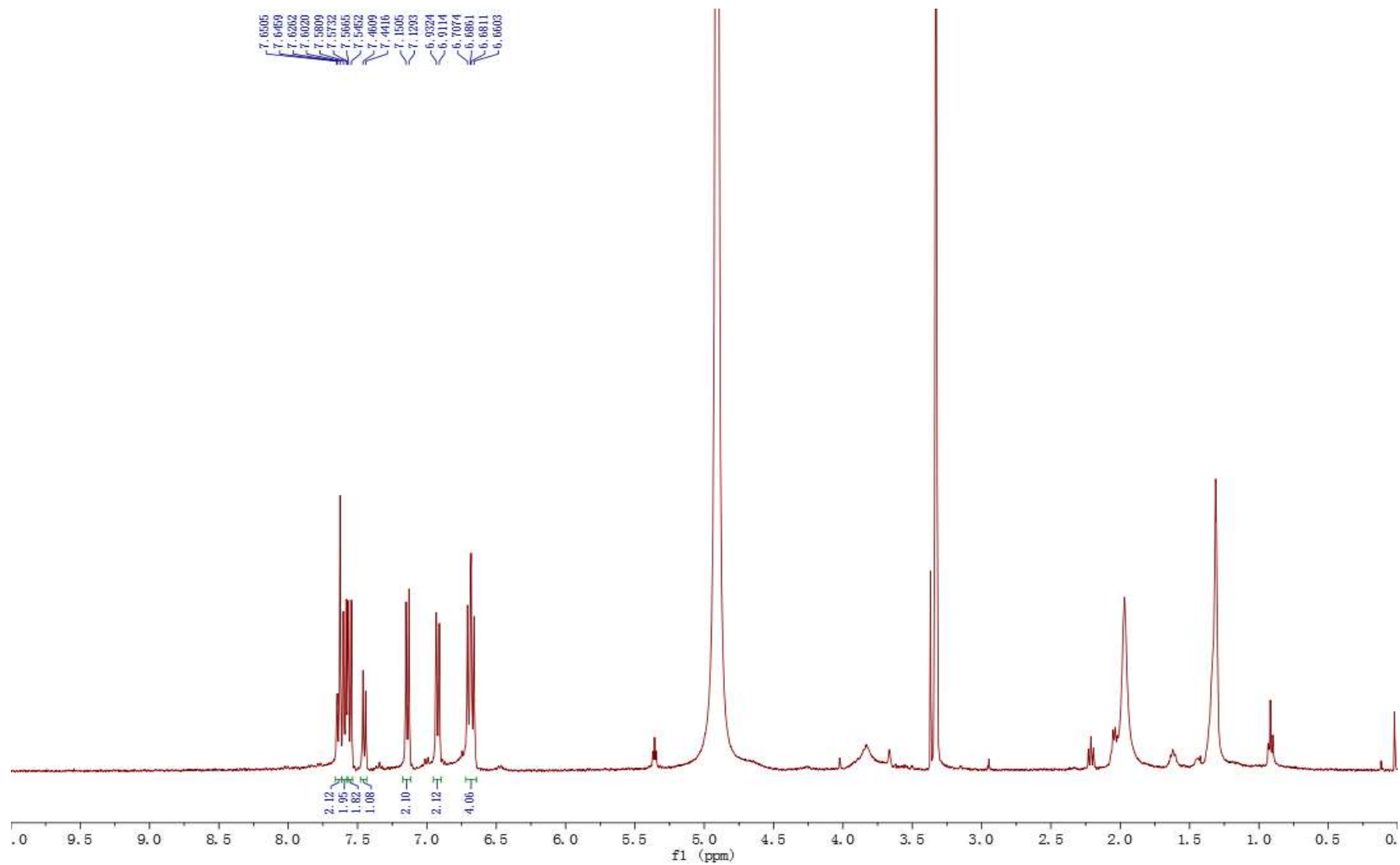
<sup>1</sup>Key Laboratory of Study and Discovery of Small Targeted Molecules of Hunan Province, School of Medicine, Hunan Normal University, Changsha 410013, R. P. China

<sup>2</sup>Key Laboratory of Epigenetics and Oncology, Research Center for Preclinical Medicine, Southwest Medical University, Luzhou, Sichuan 646000, R. P. China

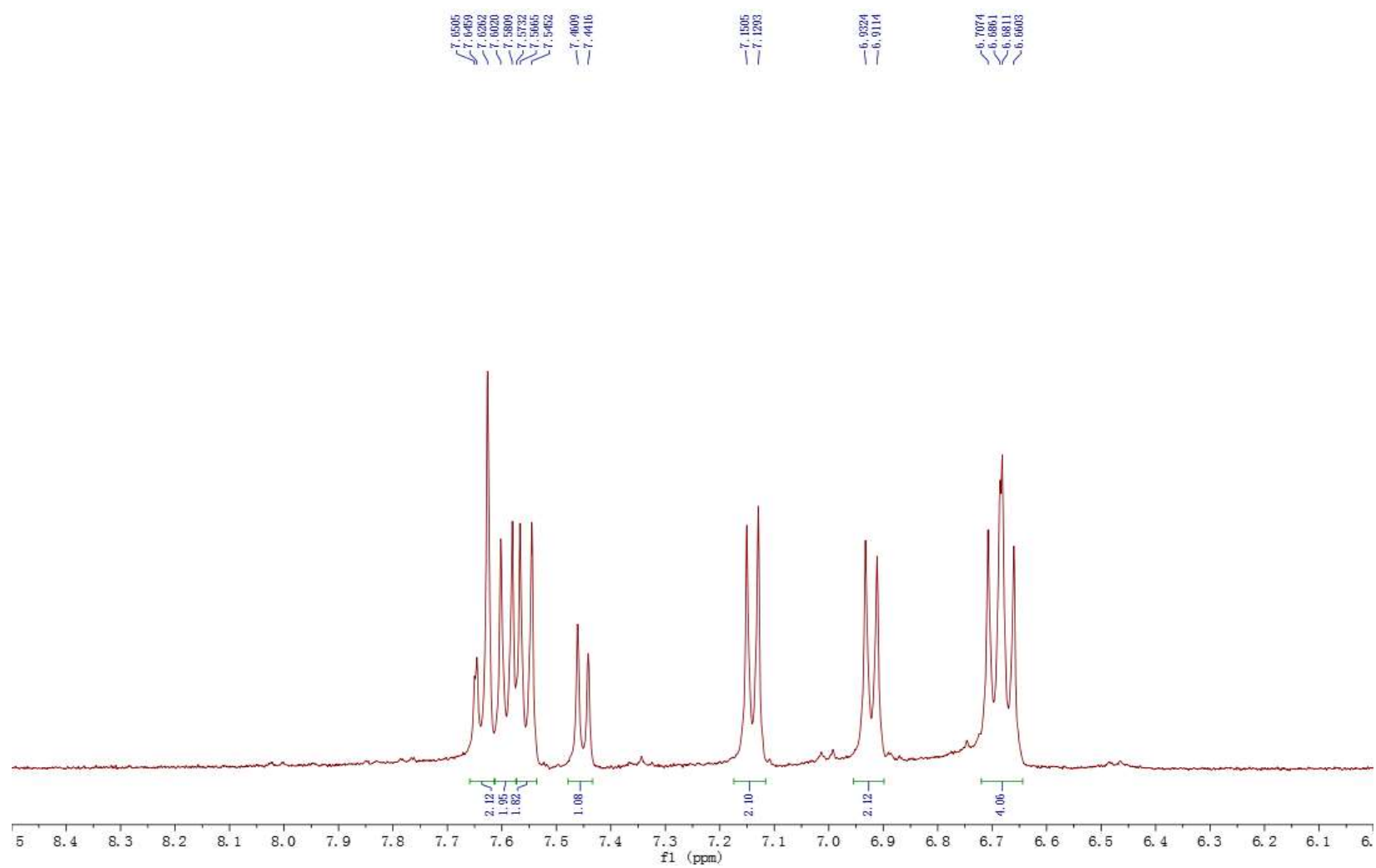
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# These authors contributed equally to this work.

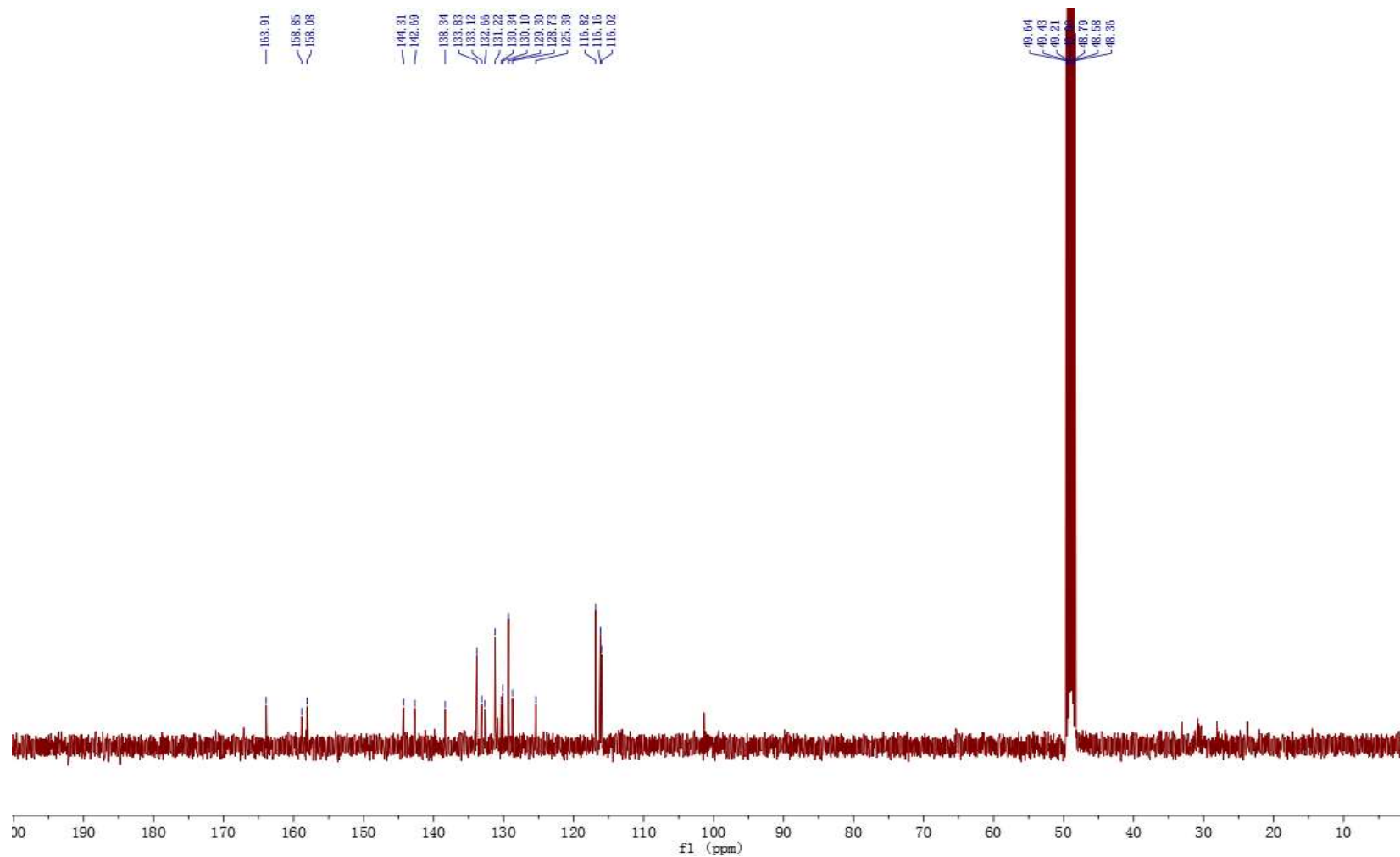
\* Corresponding authors: Email: luoyx@hunnu.edu.cn (Yixiao Luo) and zouhui308@163.com (Hui Zou)



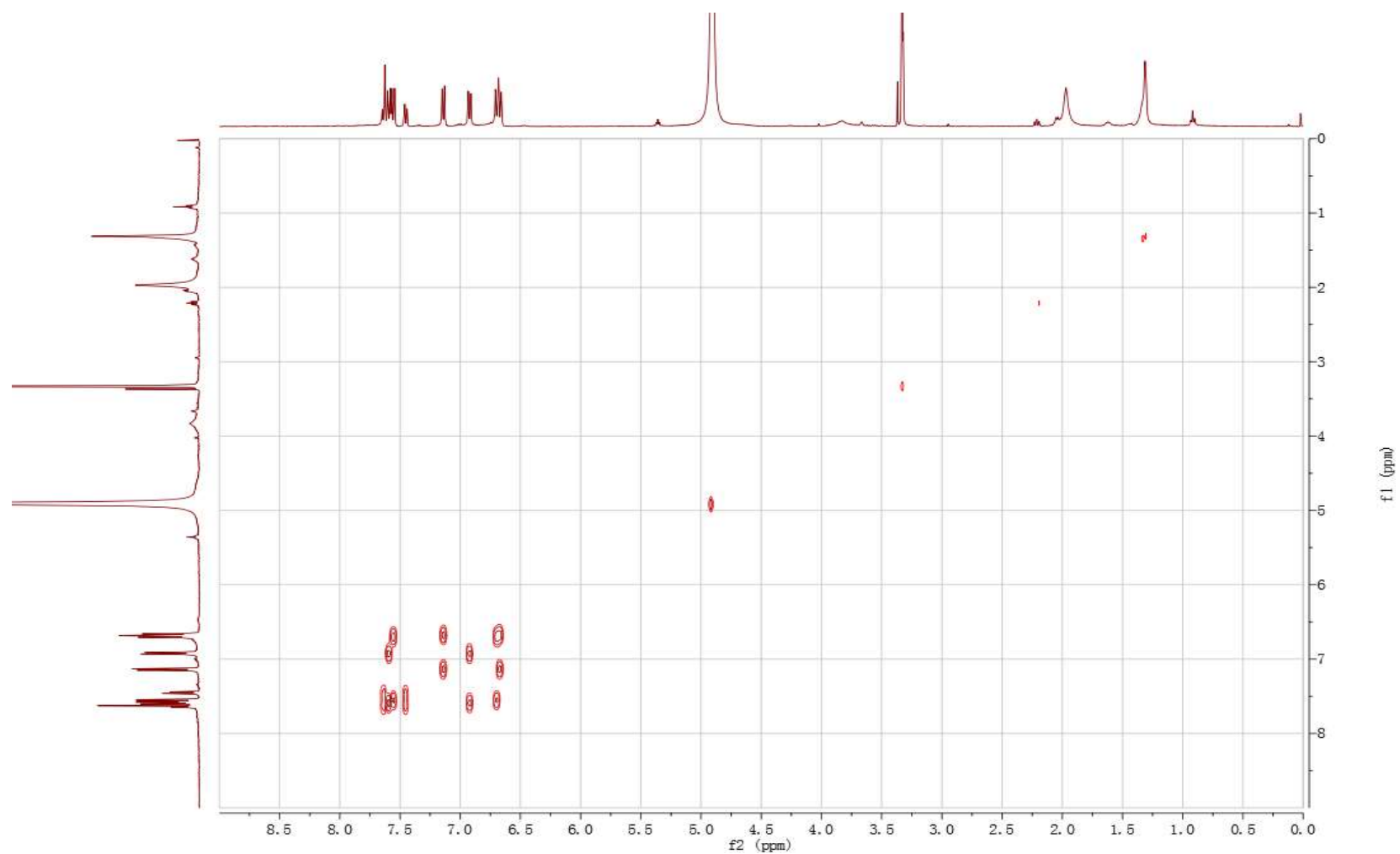
**Figure S1:**  $^1\text{H}$  NMR spectrum of **1** in  $\text{CD}_3\text{OD}$  (400 MHz)



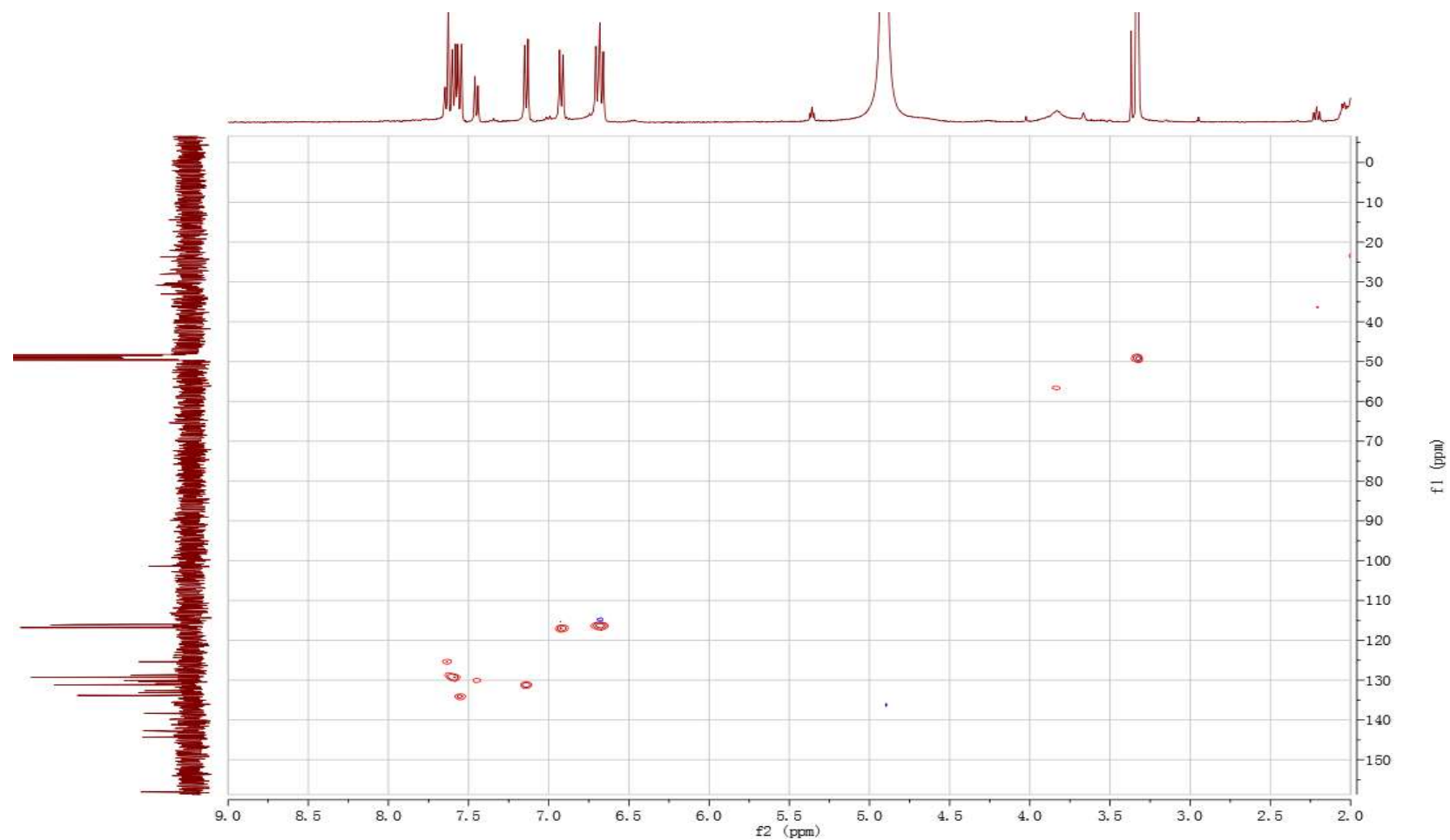
**Figure S2:** enlarged  $^1\text{H}$  NMR spectrum of **1**  $\text{CD}_3\text{OD}$  (400 MHz)



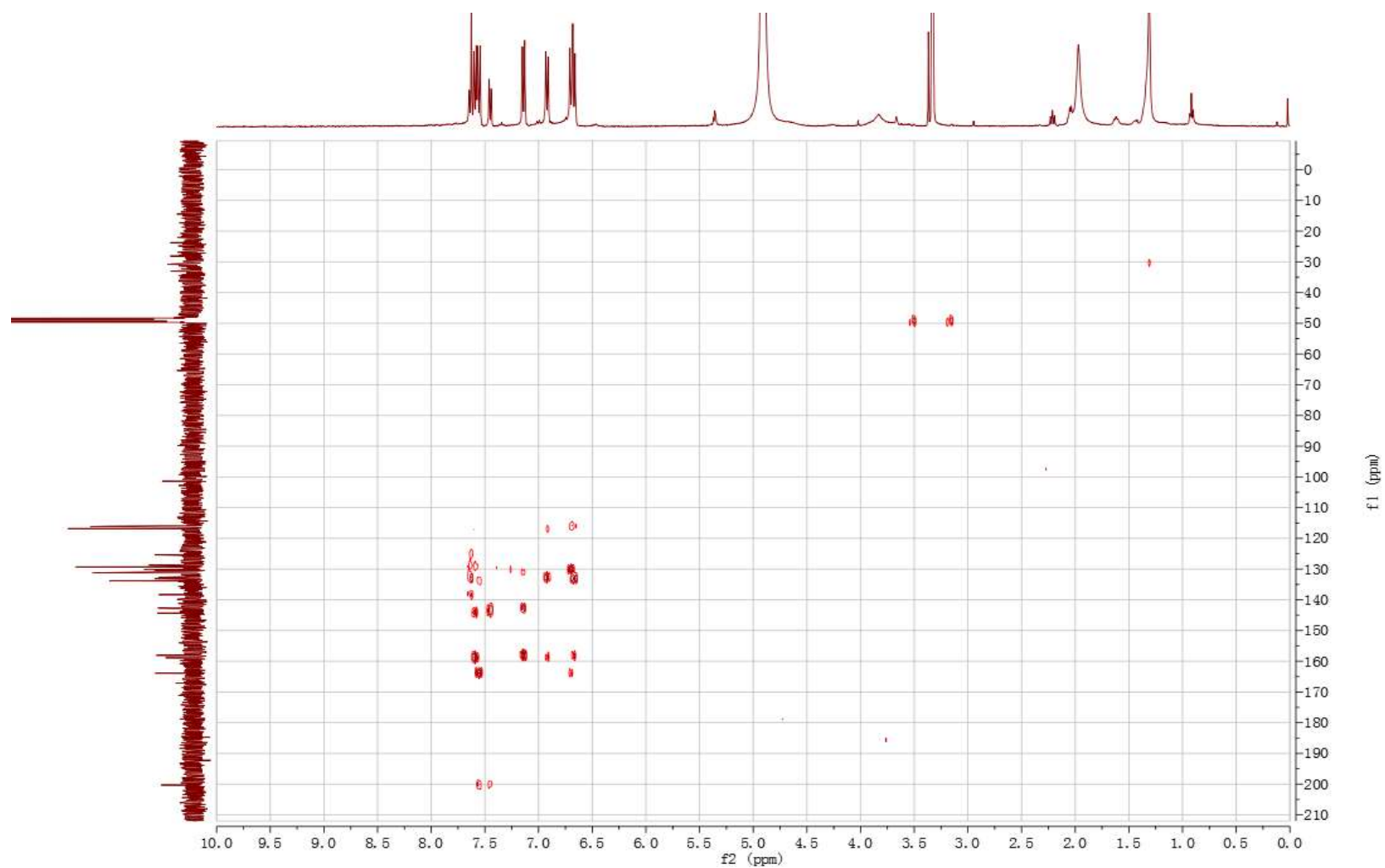
**Figure S3:**  $^{13}\text{C}$  NMR spectrum of **1**  $\text{CD}_3\text{OD}$  (100 MHz)



**Figure S4:**  $^1\text{H}$ - $^1\text{H}$  COSY spectrum of **1**



**Figure S5:** HSQC spectrum of compound **1**



**Figure S6:** HMBC spectrum of **1**

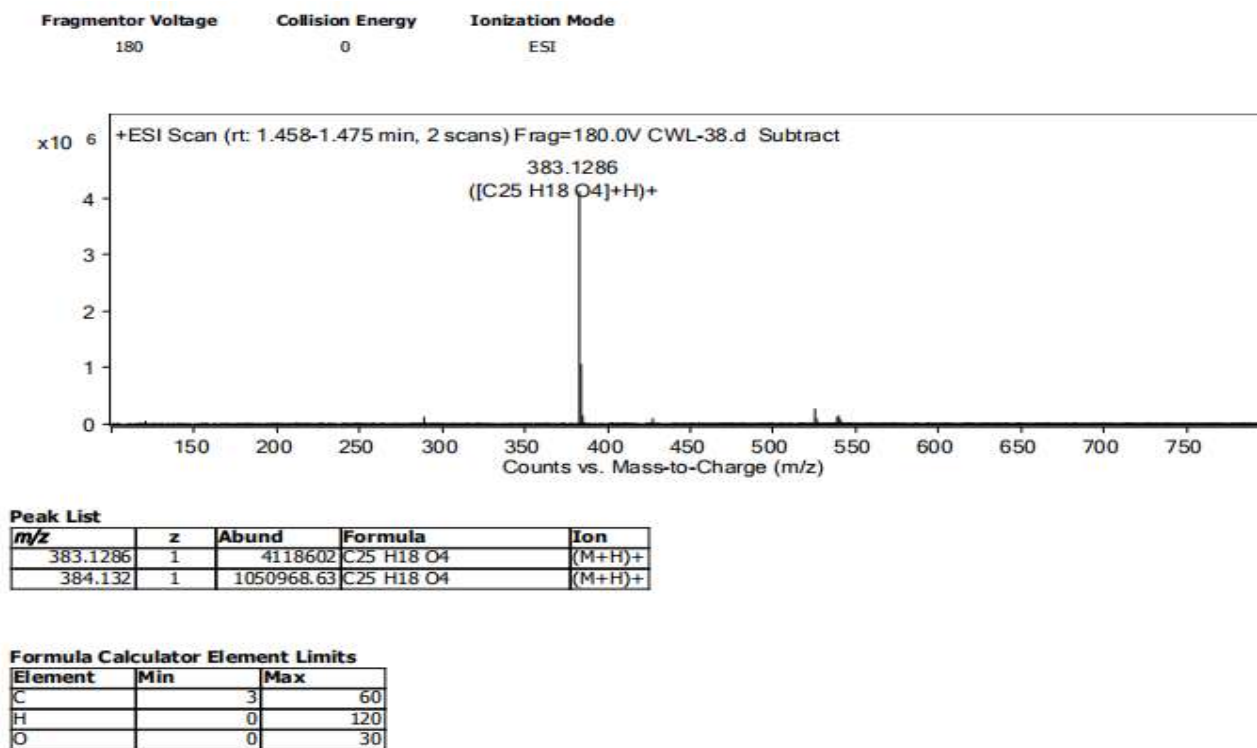


Figure S7: HR-ESI-MS spectrum of **1**



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Analyze

Refine

Analyze by:  
*No substances available*

Chemical Structure similarity

SUBSTANCES

Select All

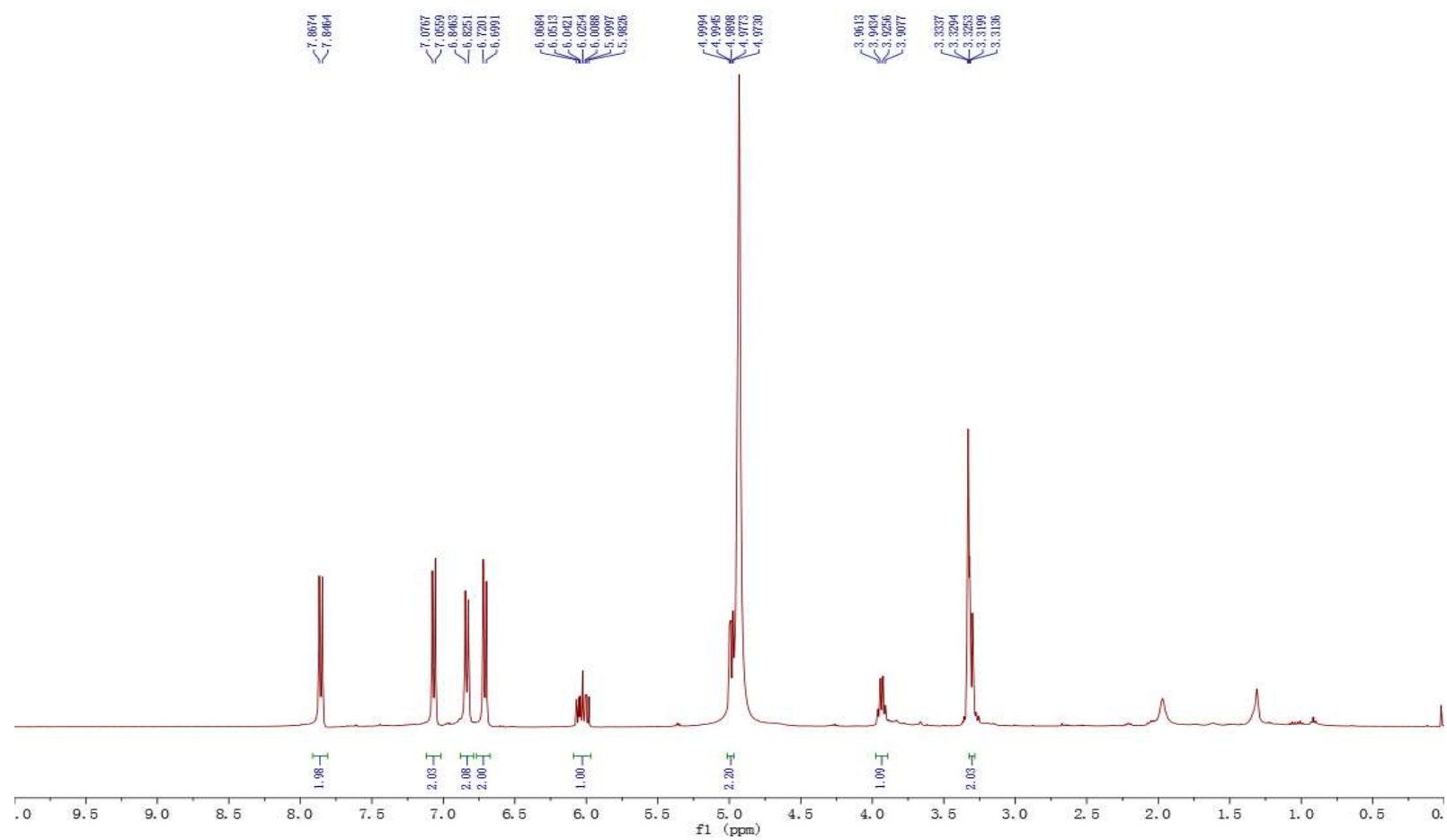
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0 of 7 Similarity Candidates Selected

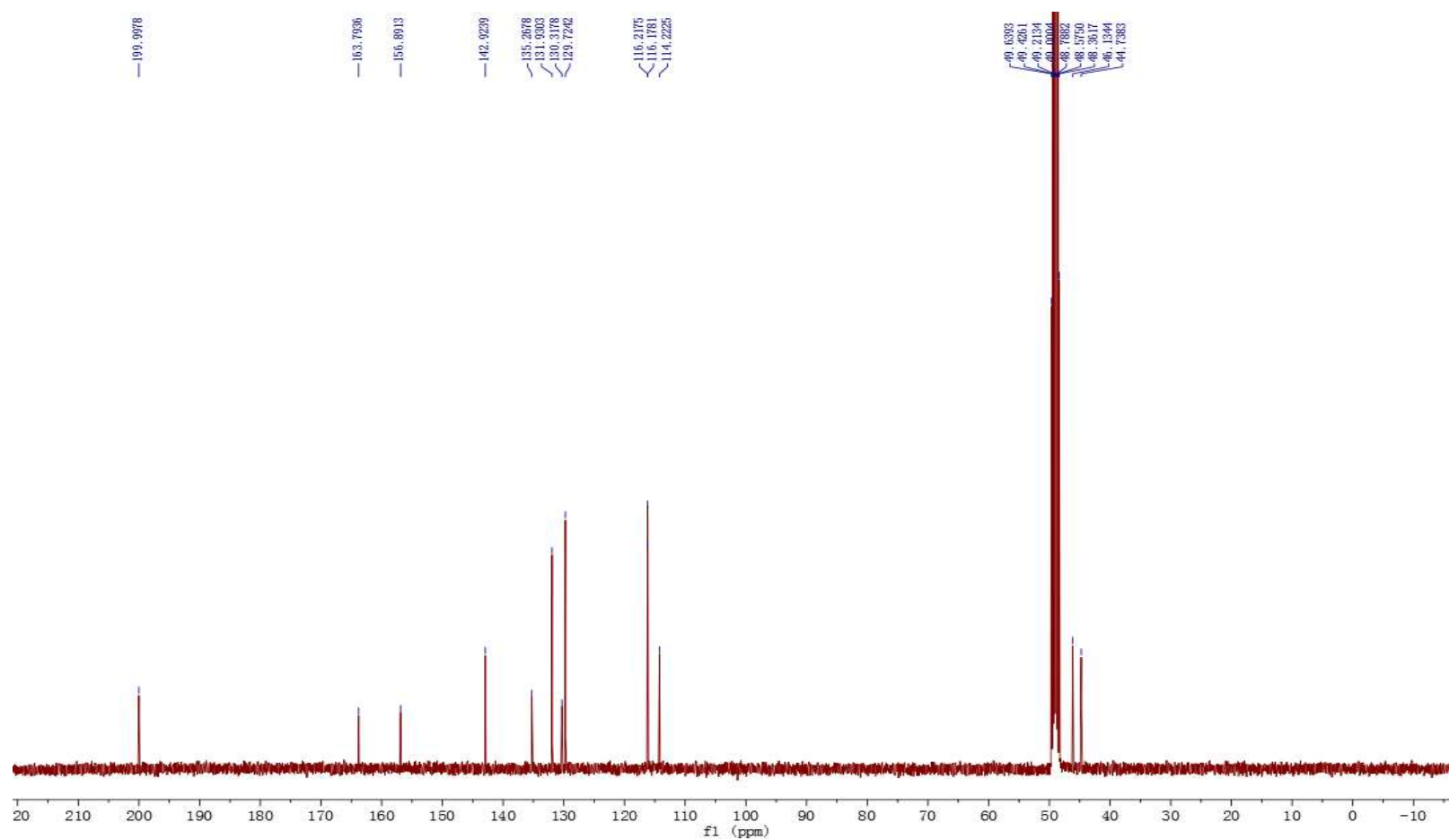
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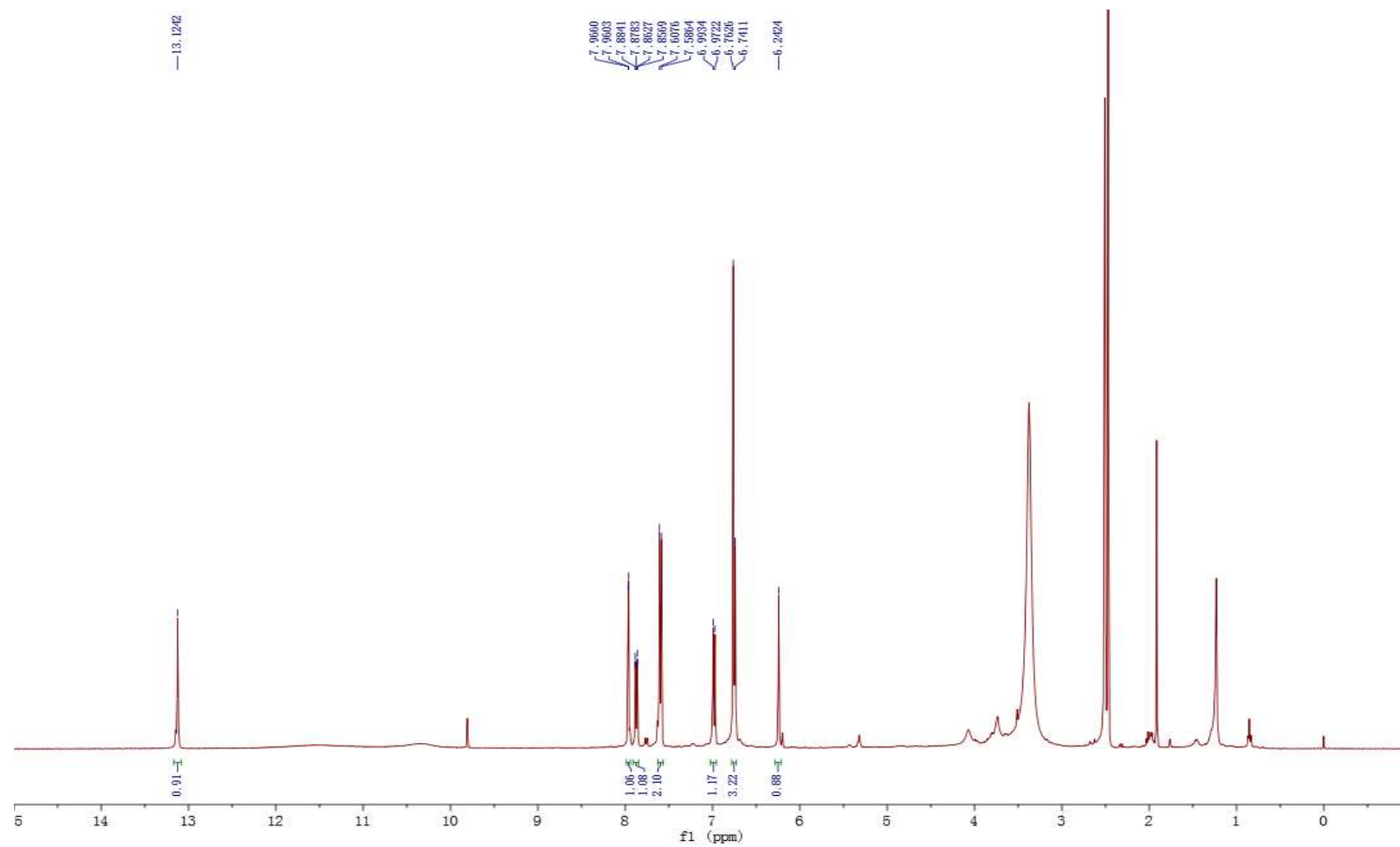
**Figure S8:** Scifinder report for **1**



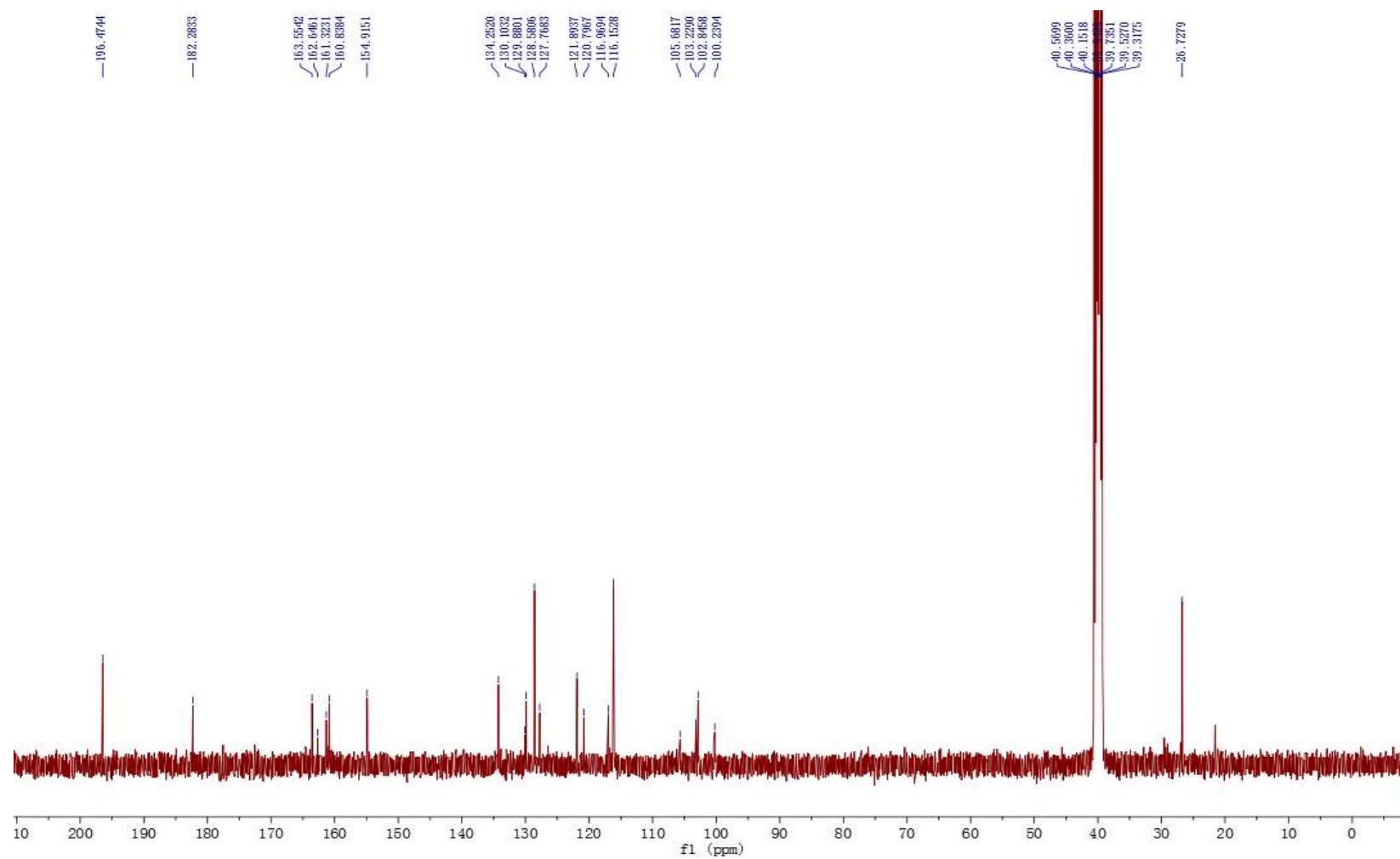
**Figure S9:** <sup>1</sup>H NMR spectrum of **2** in CD<sub>3</sub>OD (400 MHz)



**Figure S10:**  $^{13}\text{C}$  NMR spectrum of **2**  $\text{CD}_3\text{OD}$  (100 MHz)



**Figure S11:**  $^1\text{H}$  NMR spectrum of **3** in  $\text{DMSO}-d_6$  (400 MHz)



**Figure S12:** <sup>13</sup>C NMR spectrum of **3** DMSO-*d*<sub>6</sub> (100 MHz)