

## **Design, synthesis and biological evaluation of 3',4',5'-trimethoxy flavonoid benzimidazole derivatives as potential anti-tumor agents**

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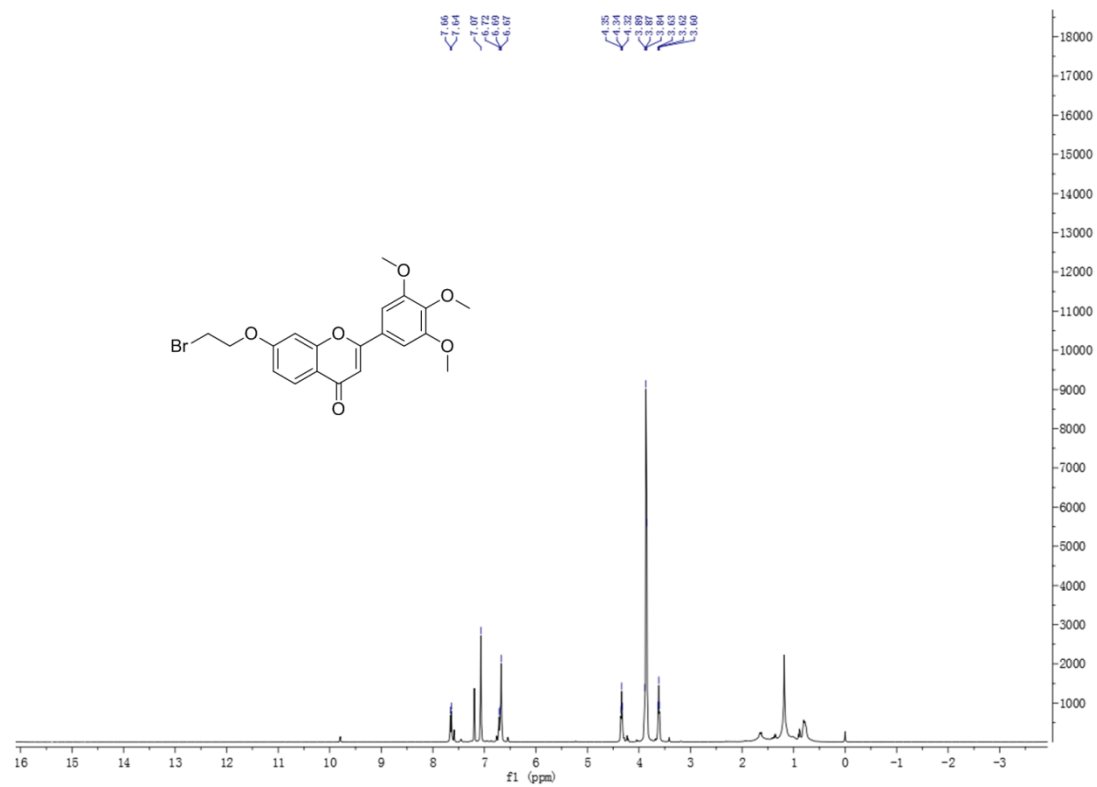
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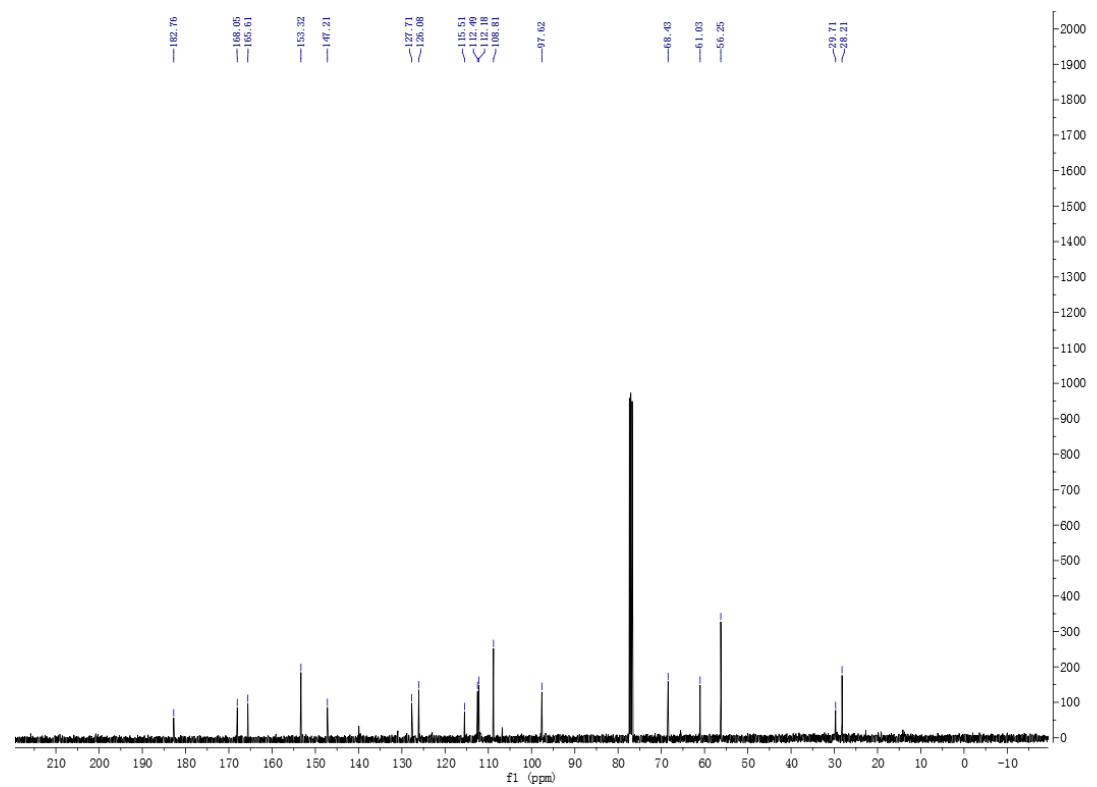
<sup>1</sup> These authors contributed equally to this work.

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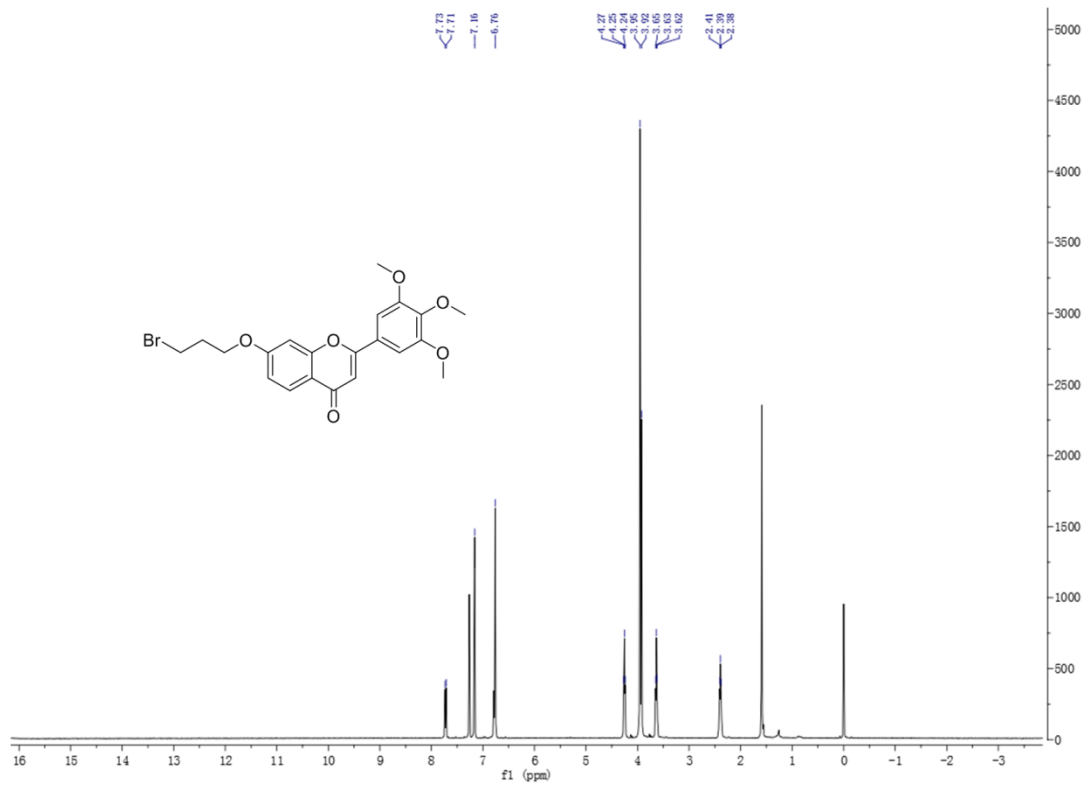
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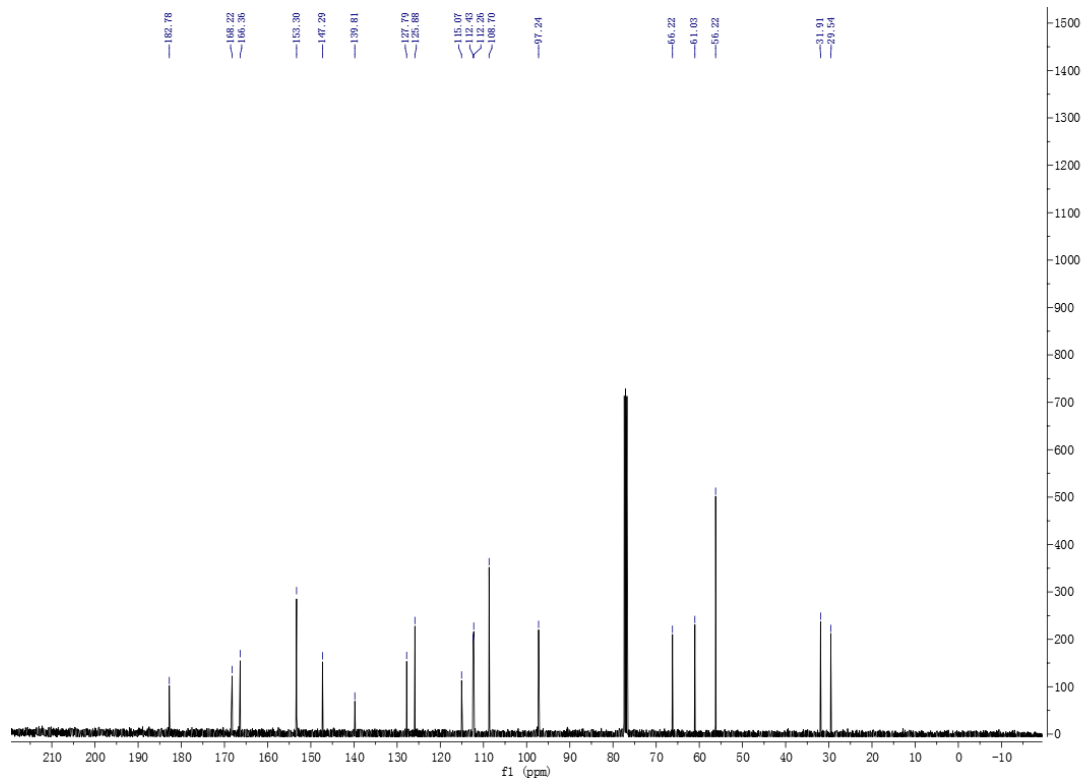
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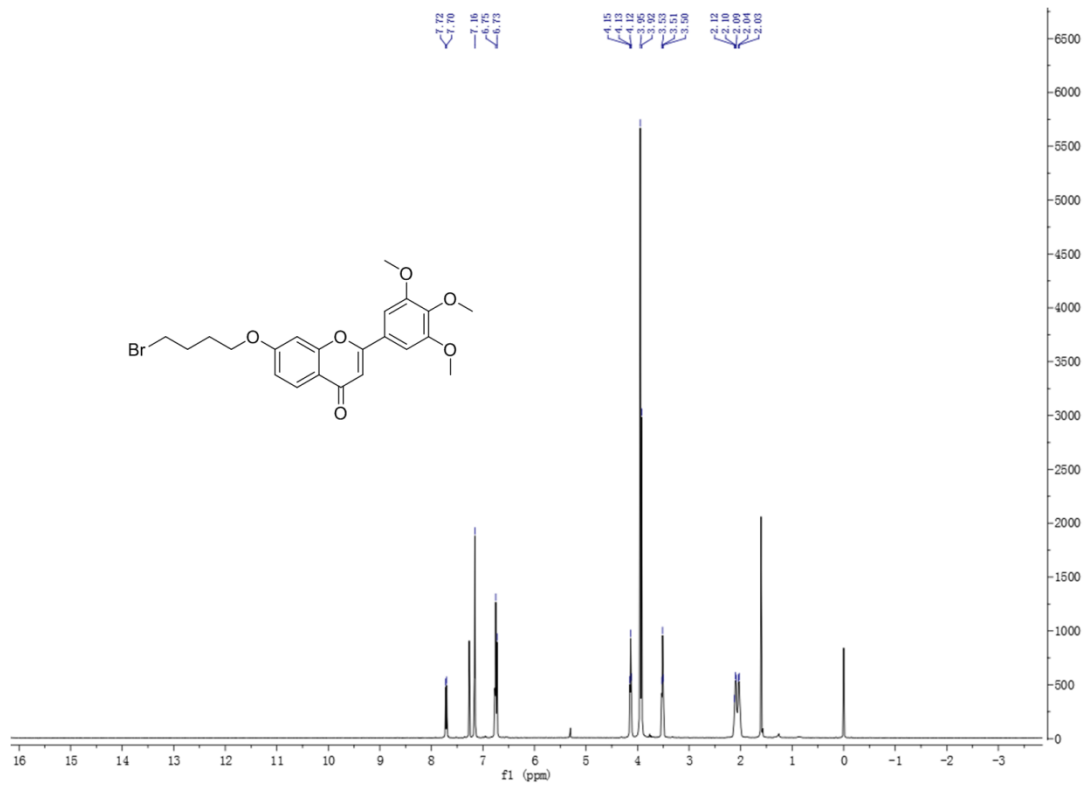
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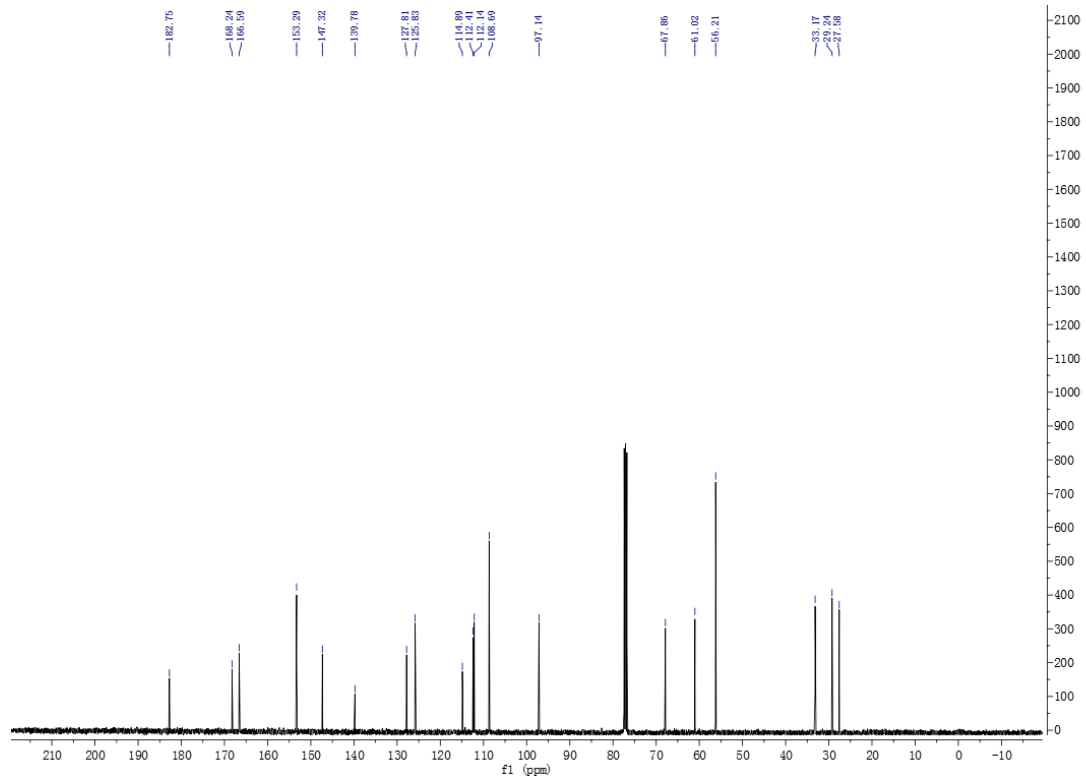
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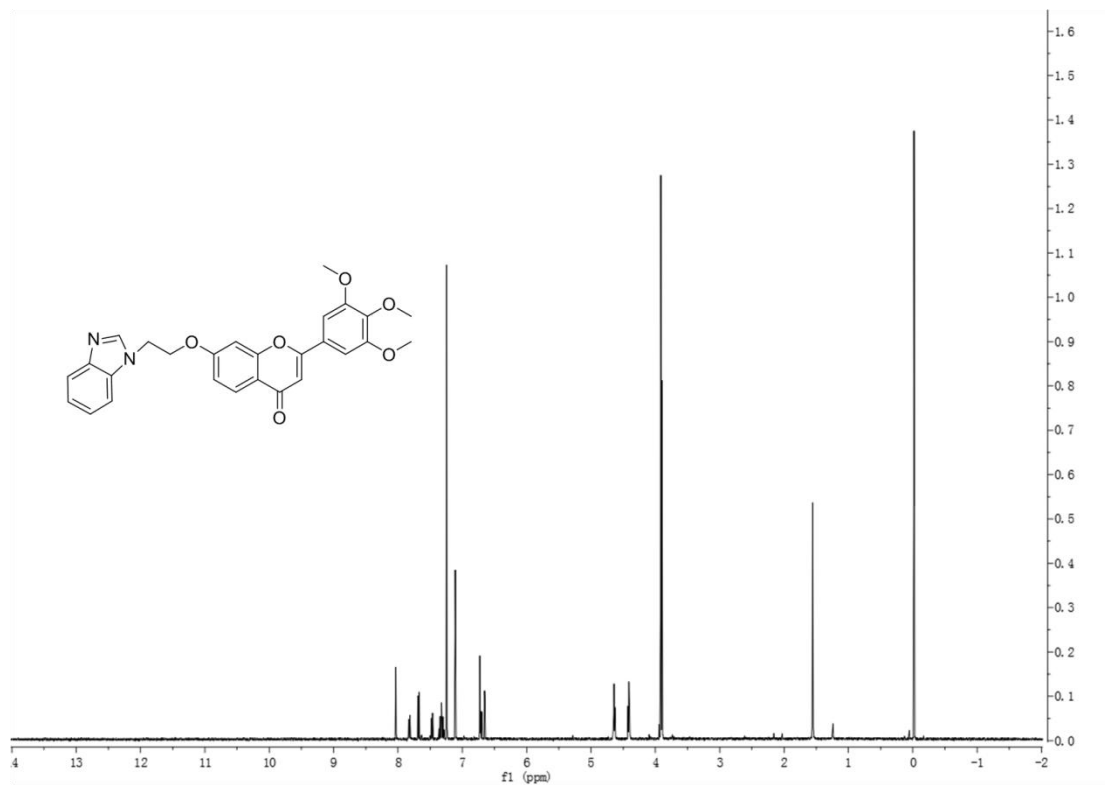
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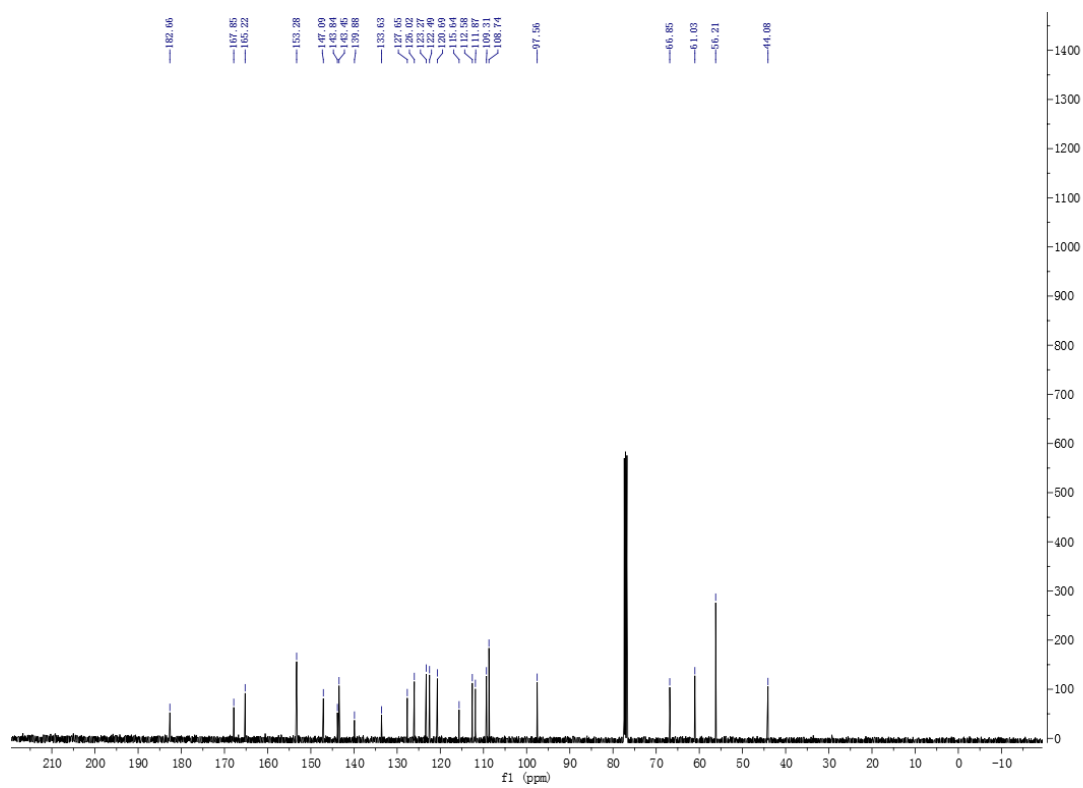
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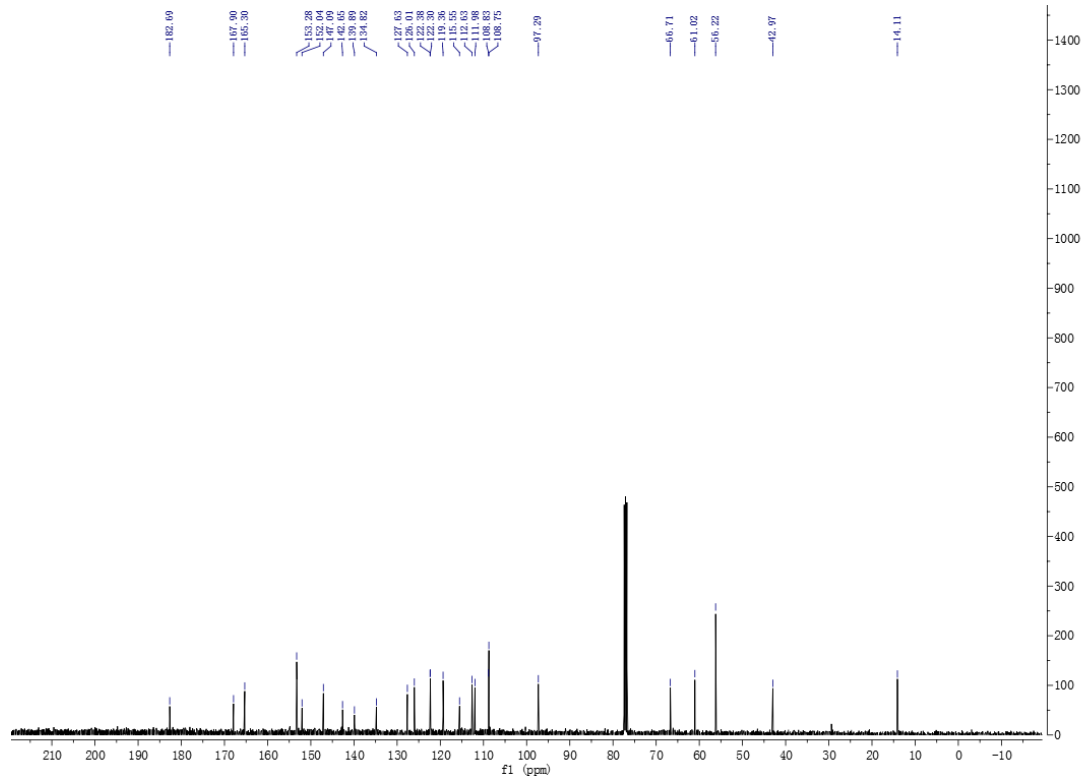
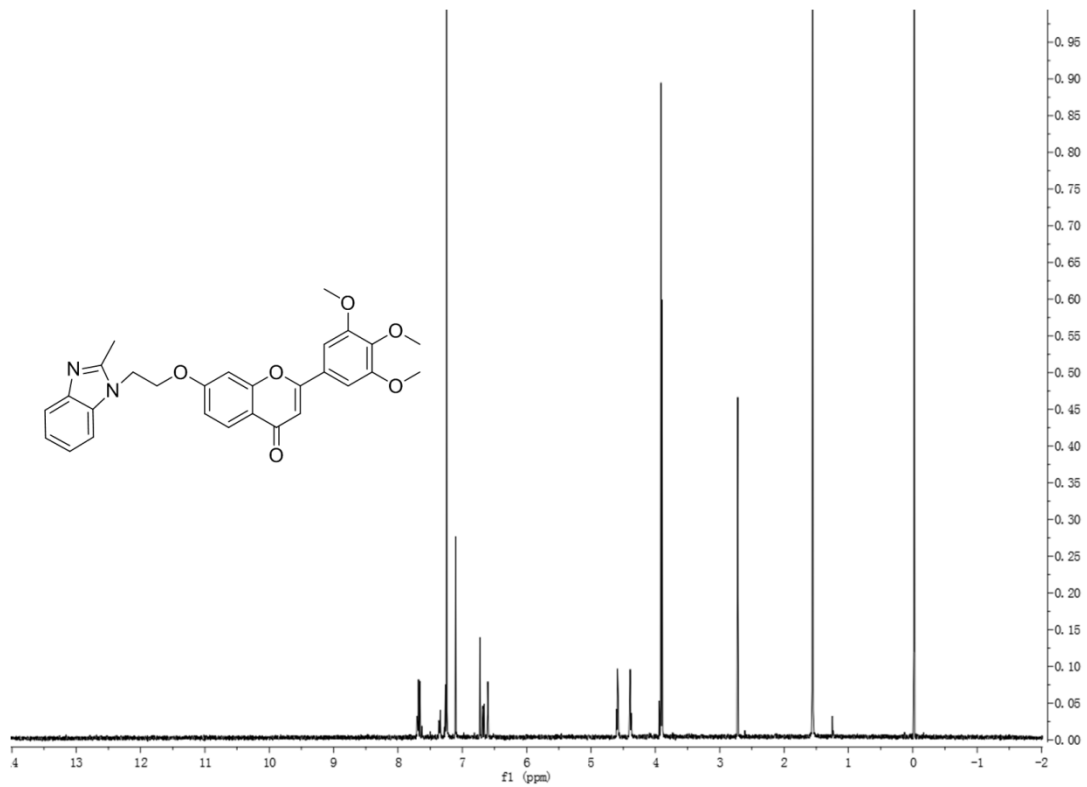
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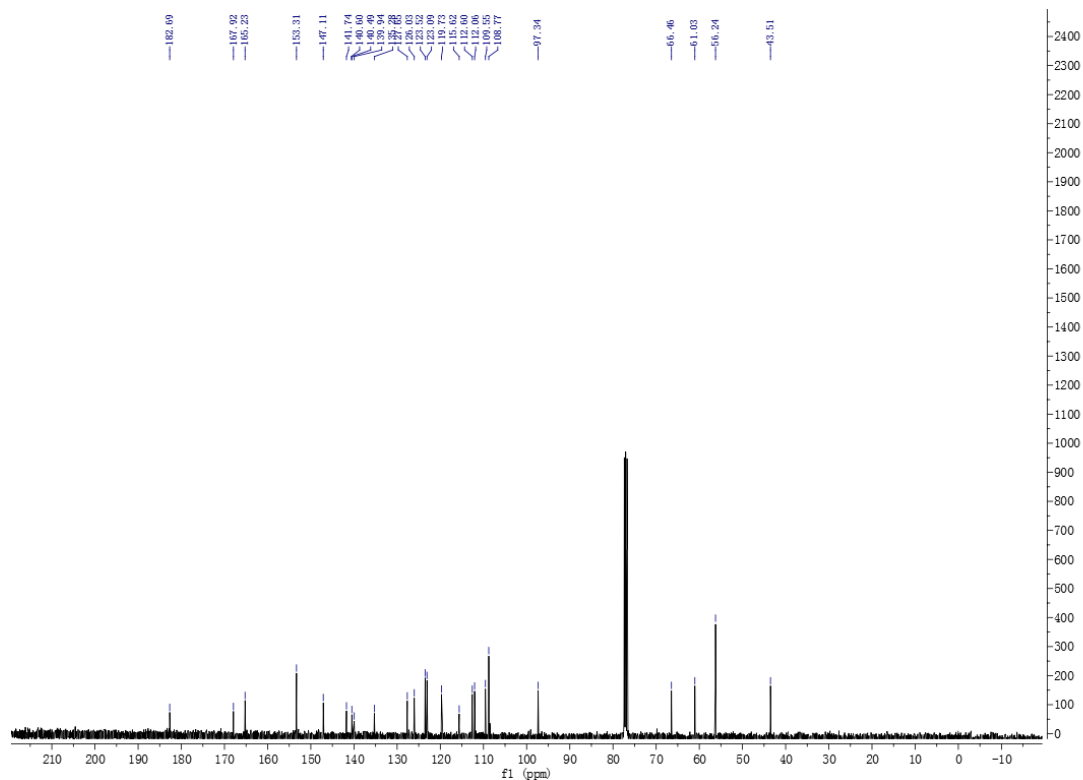
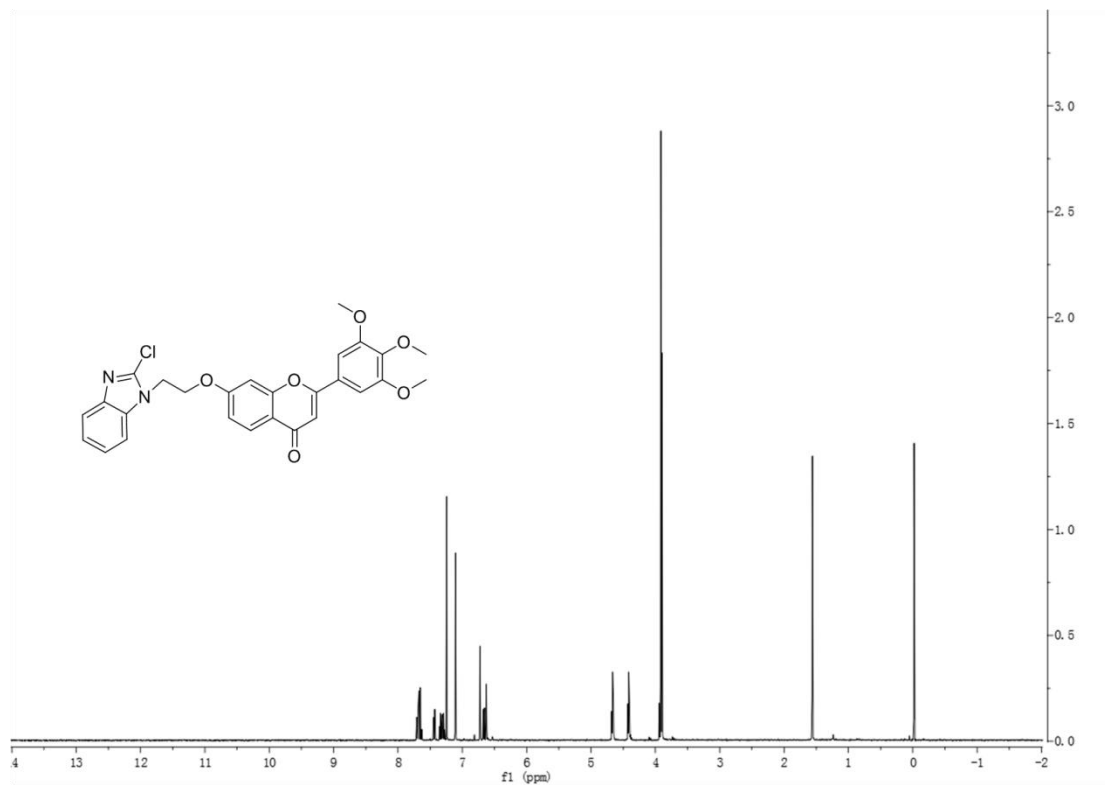


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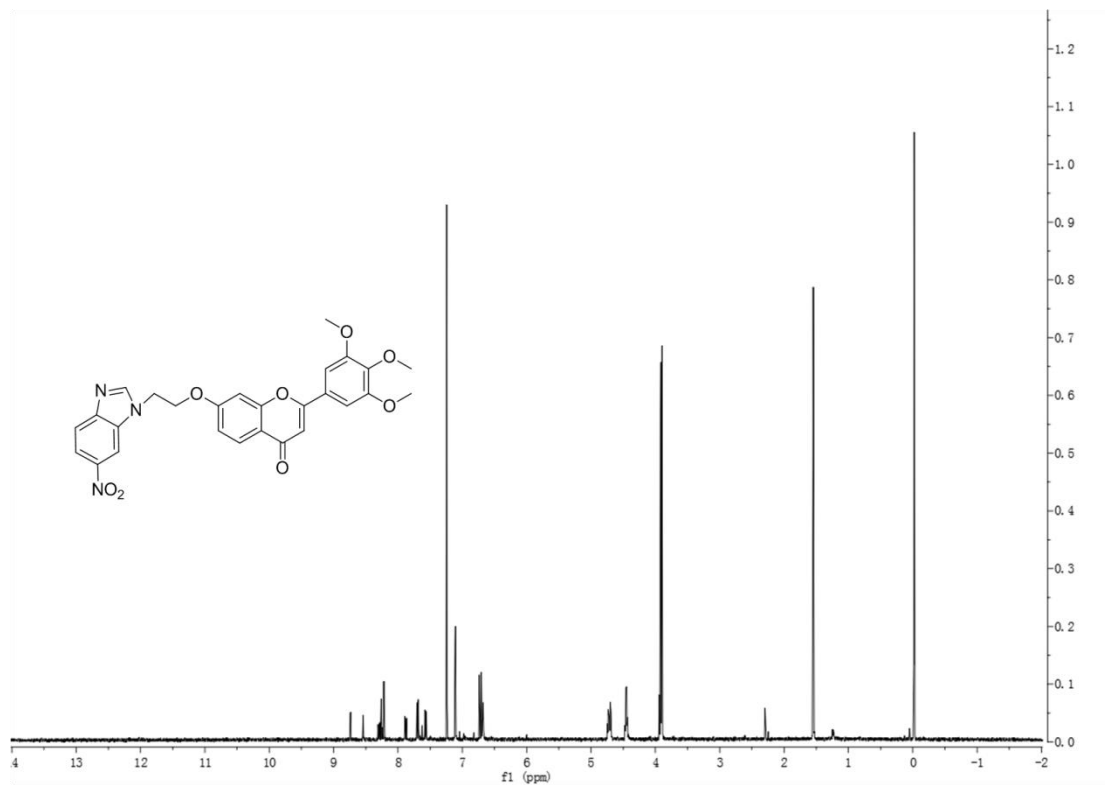


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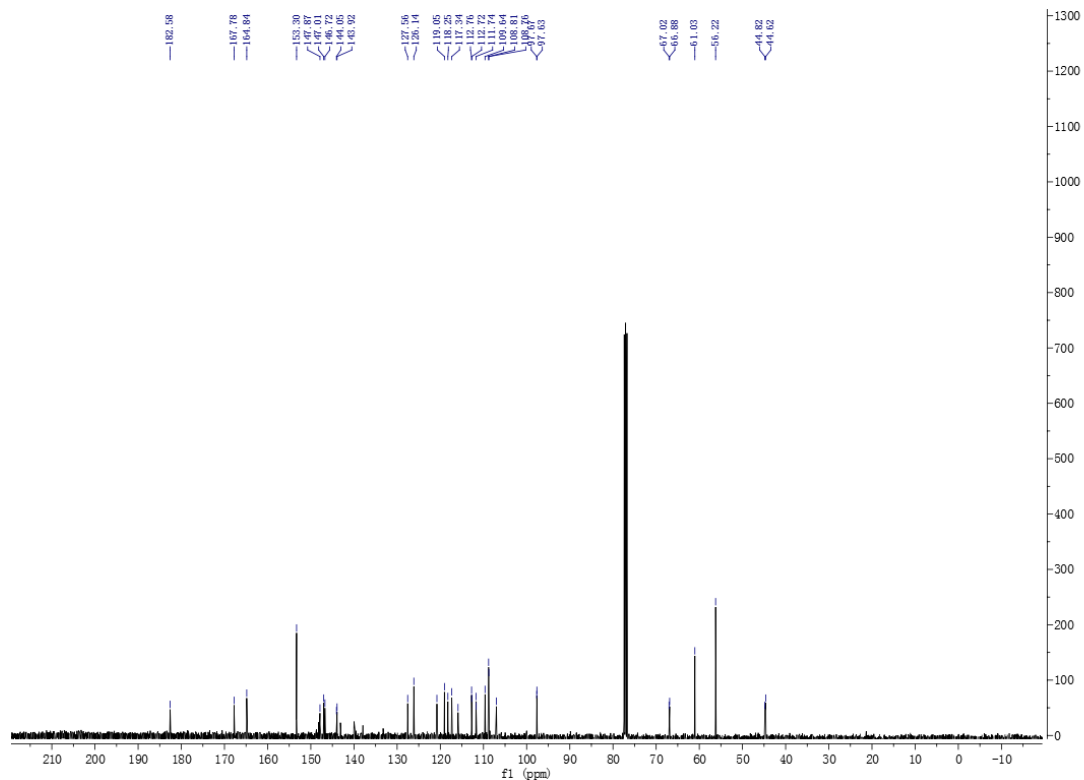




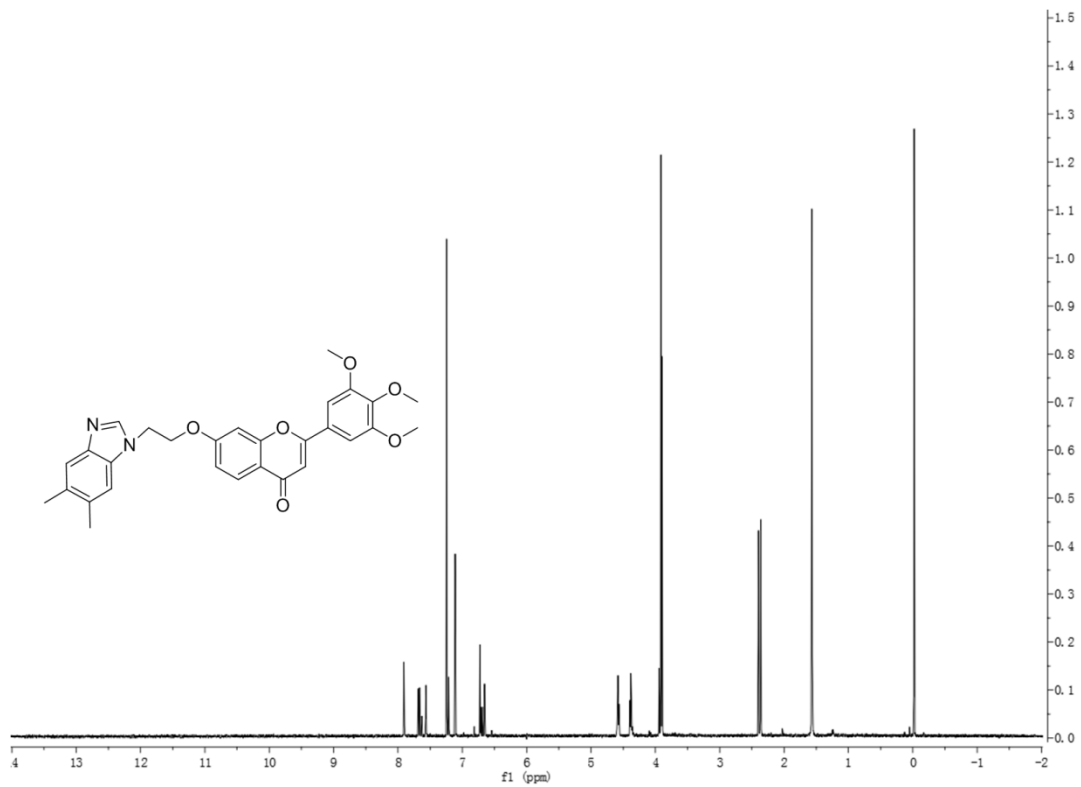




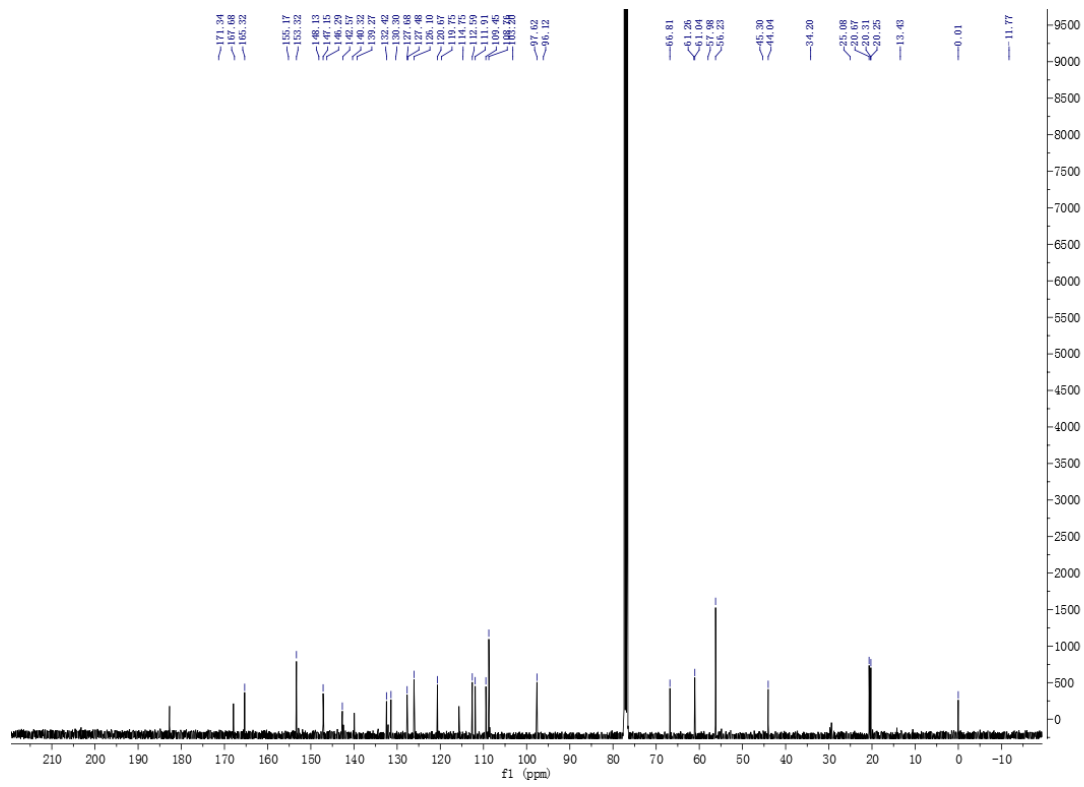
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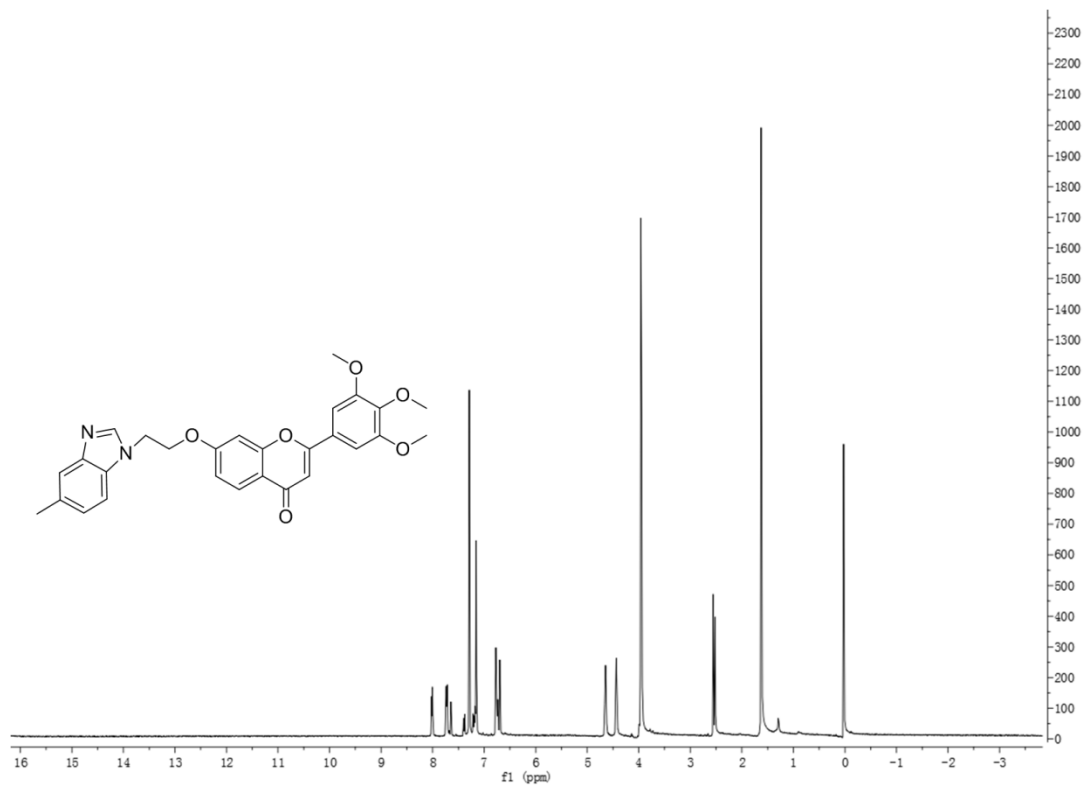
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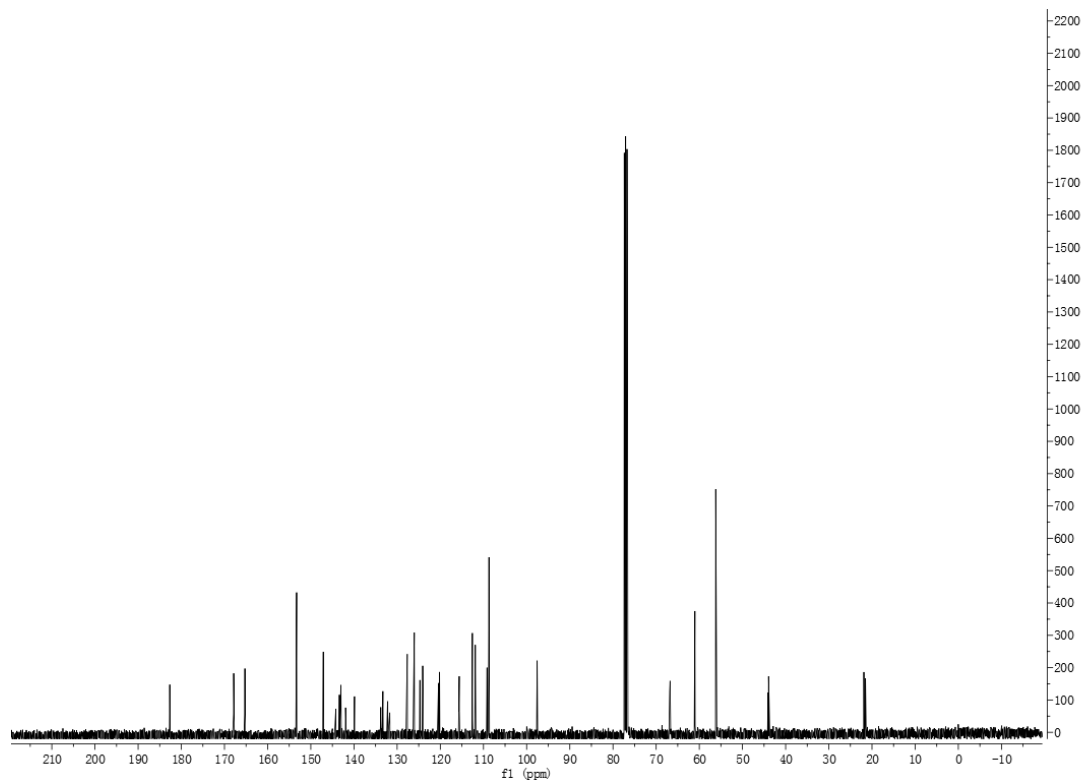
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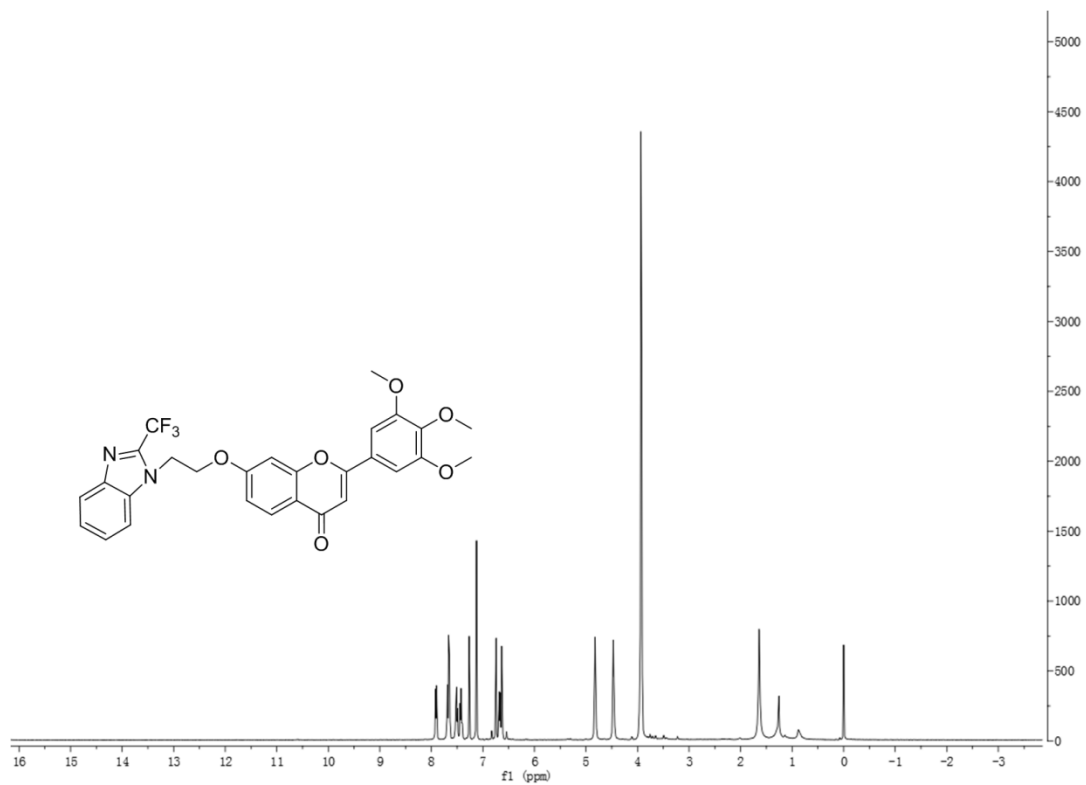
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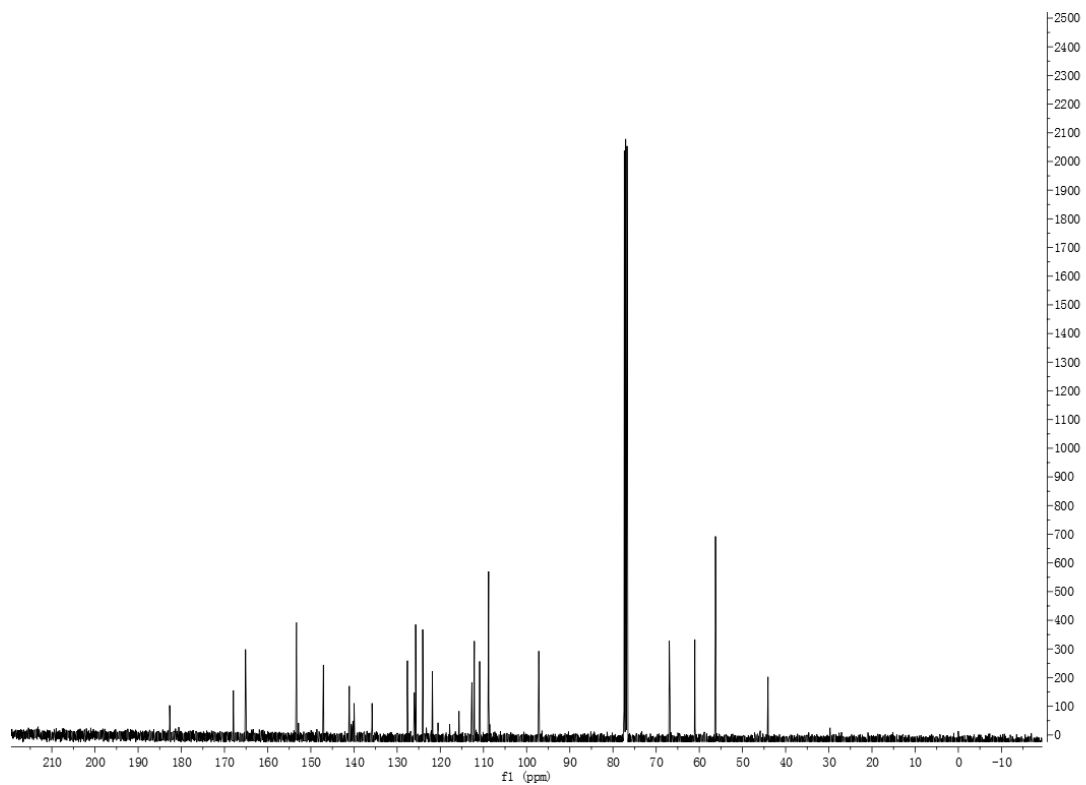
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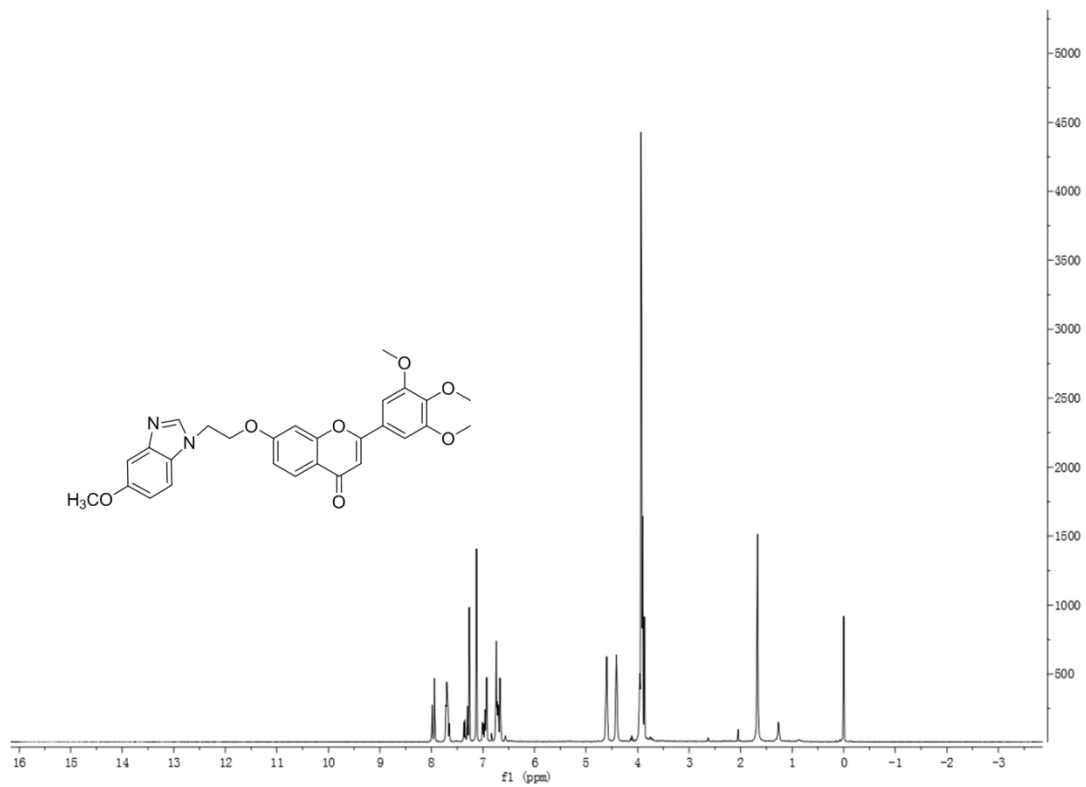
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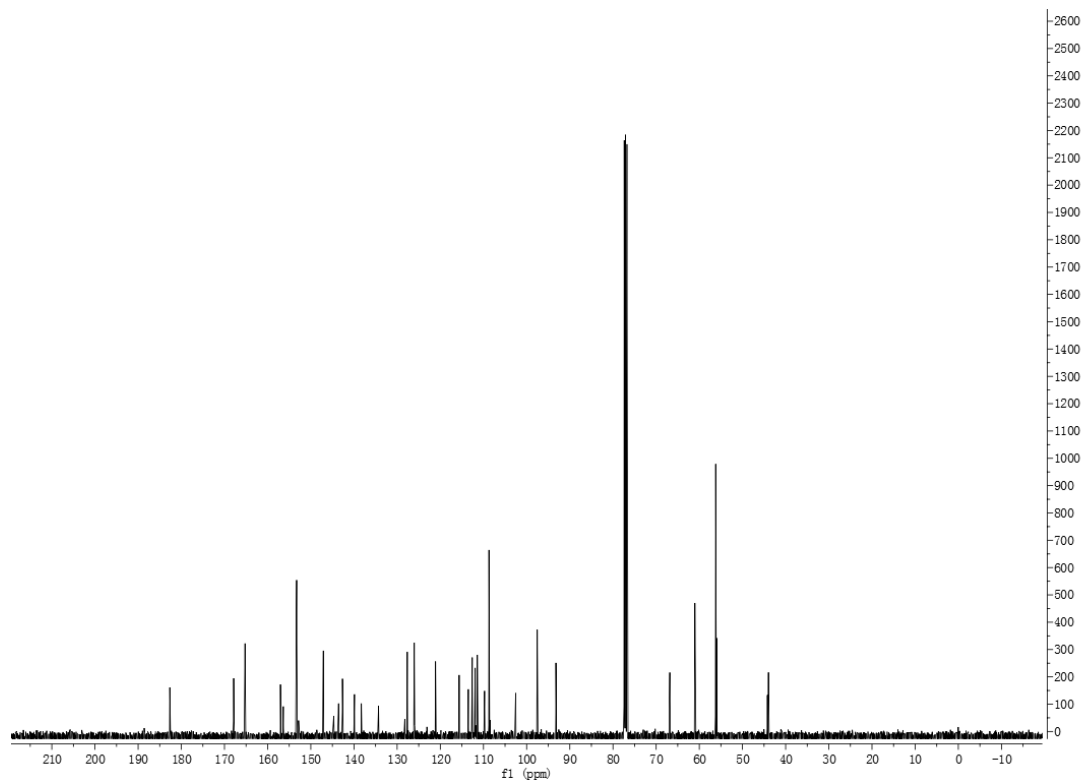
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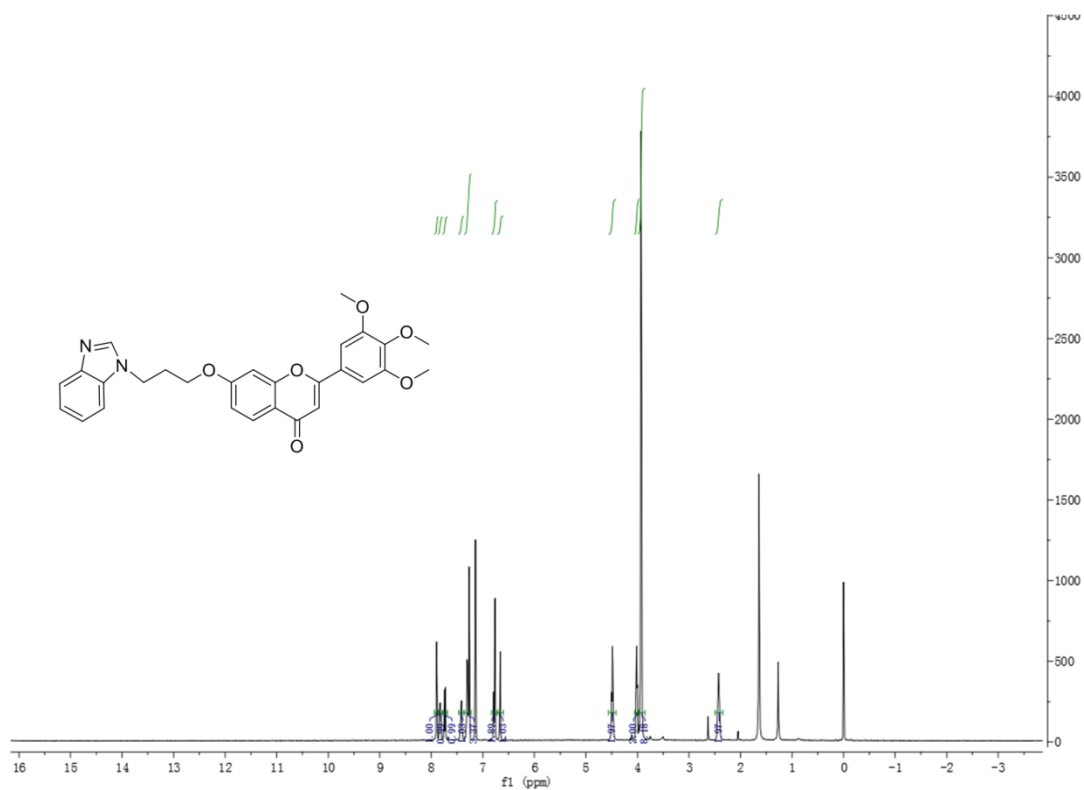
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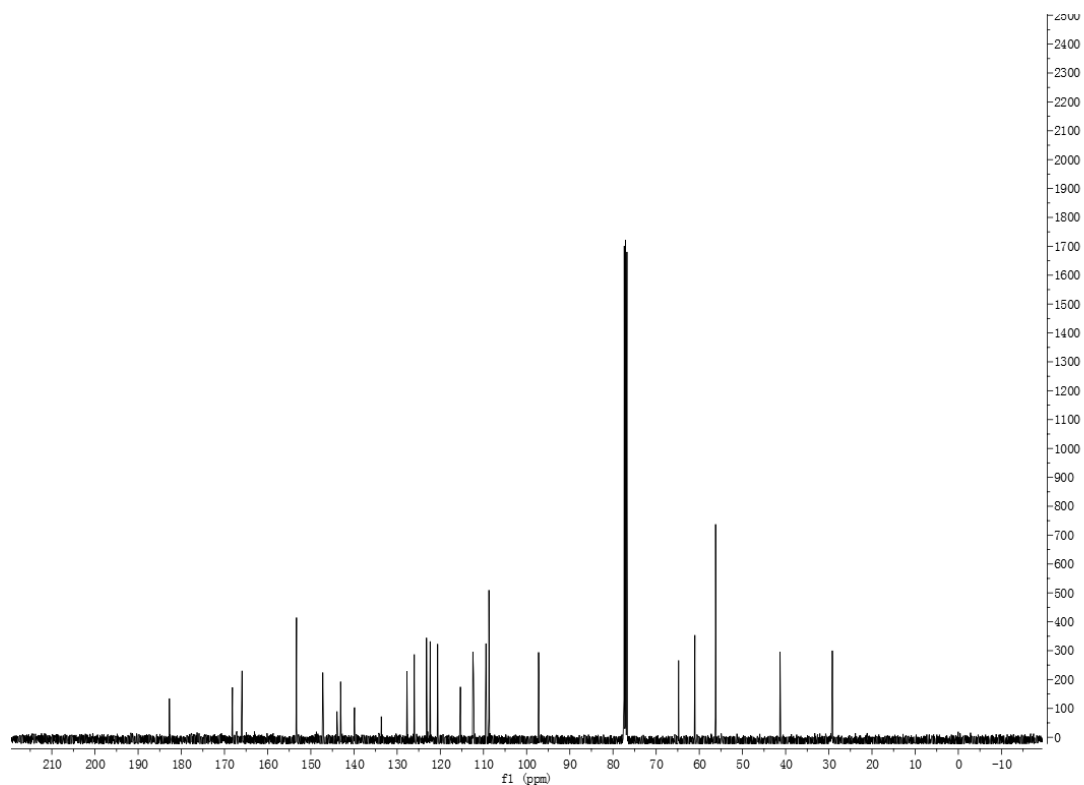
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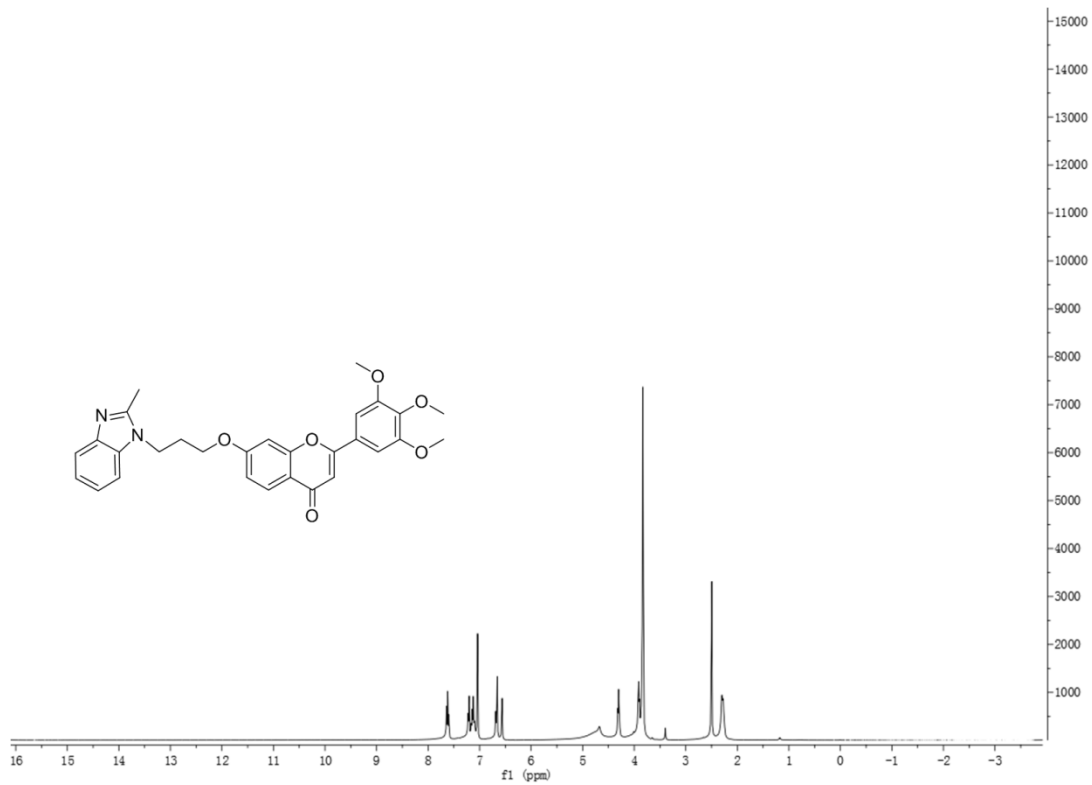
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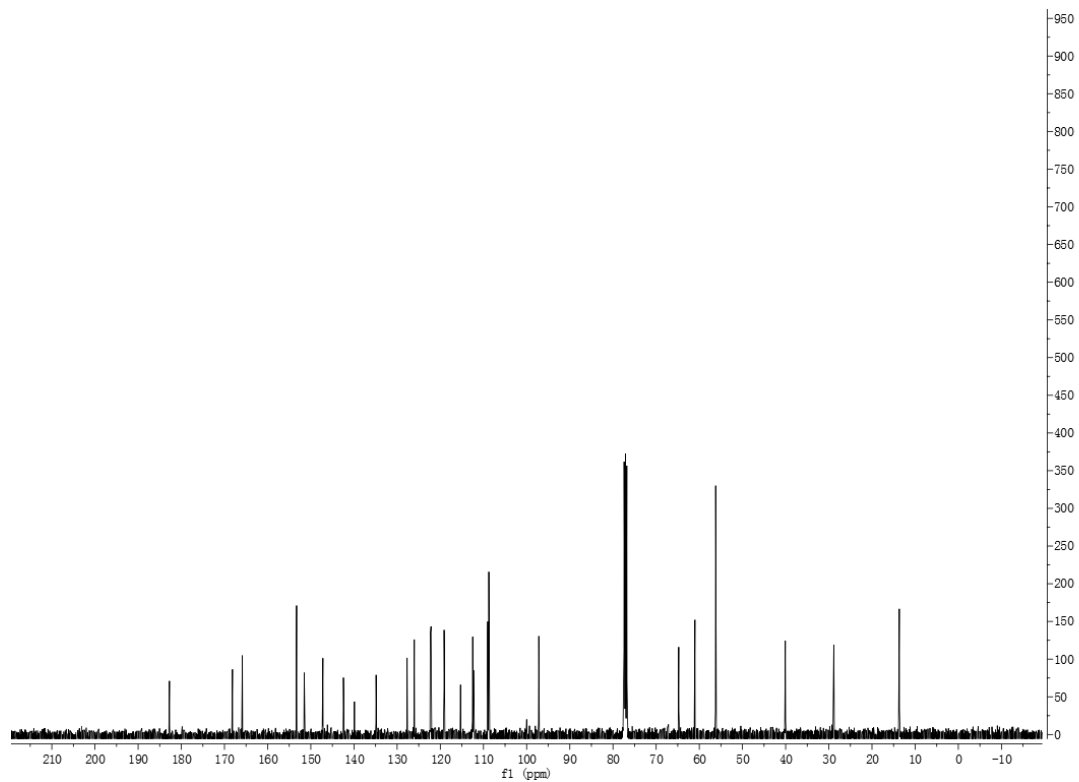
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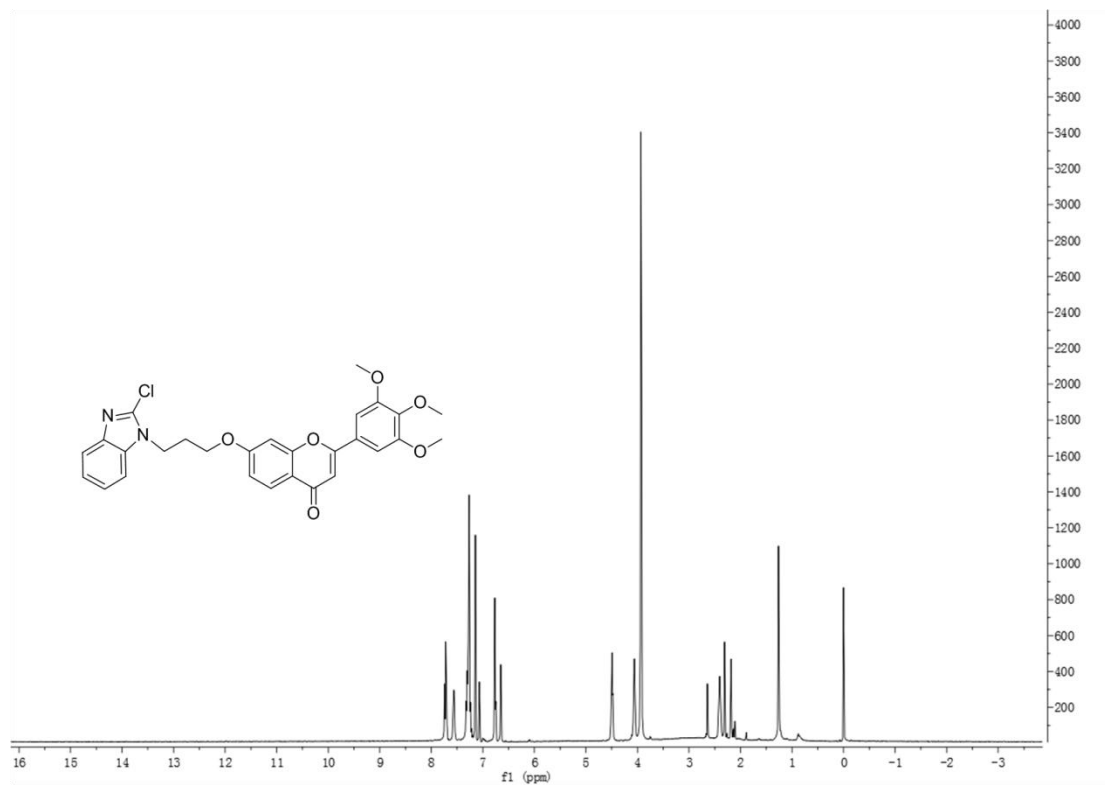
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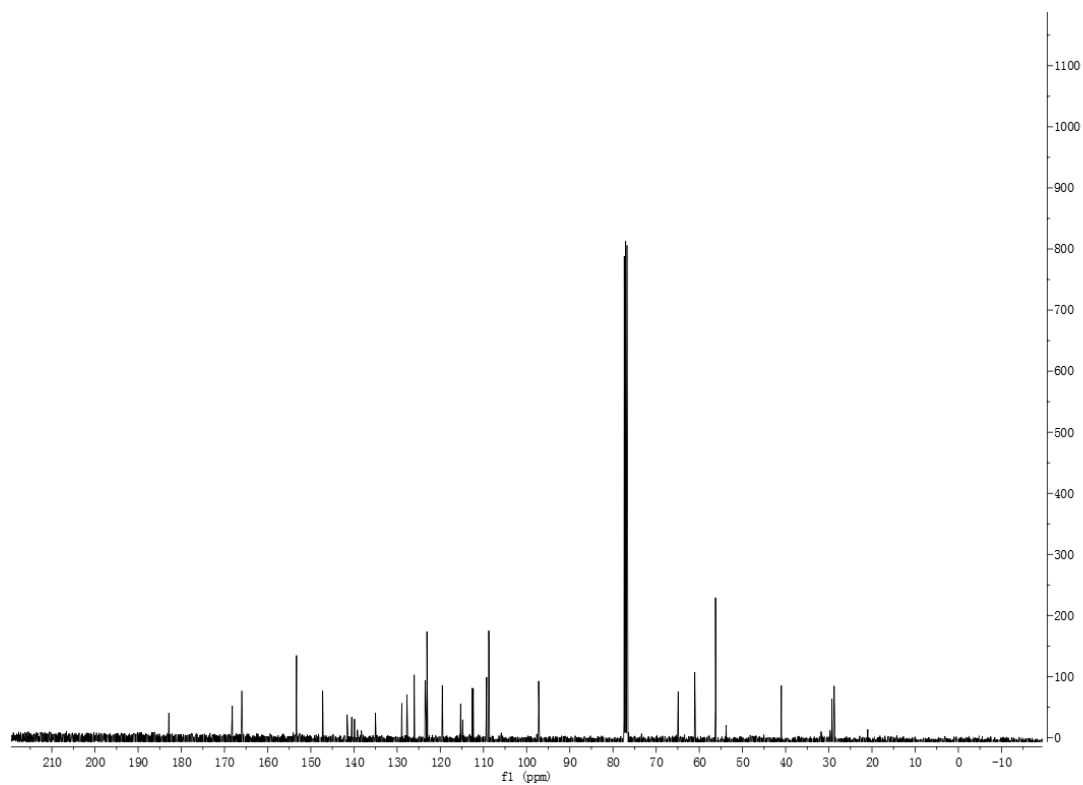
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<sup>13</sup>C NMR of compound 14

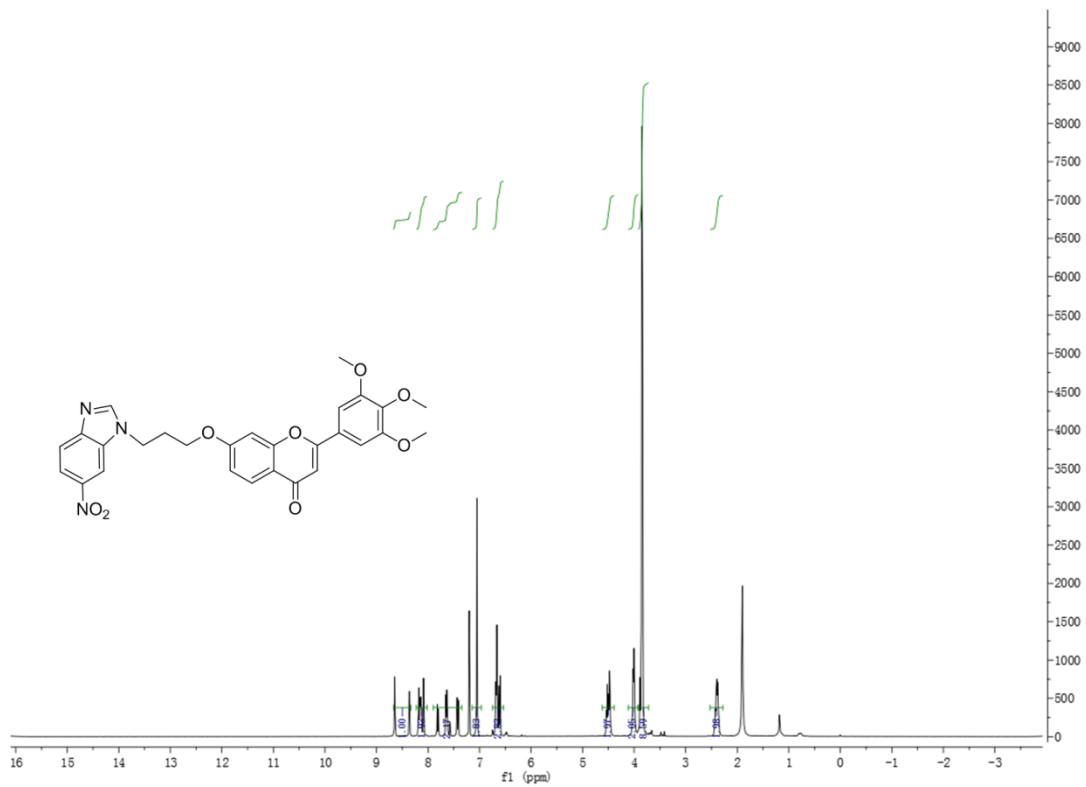


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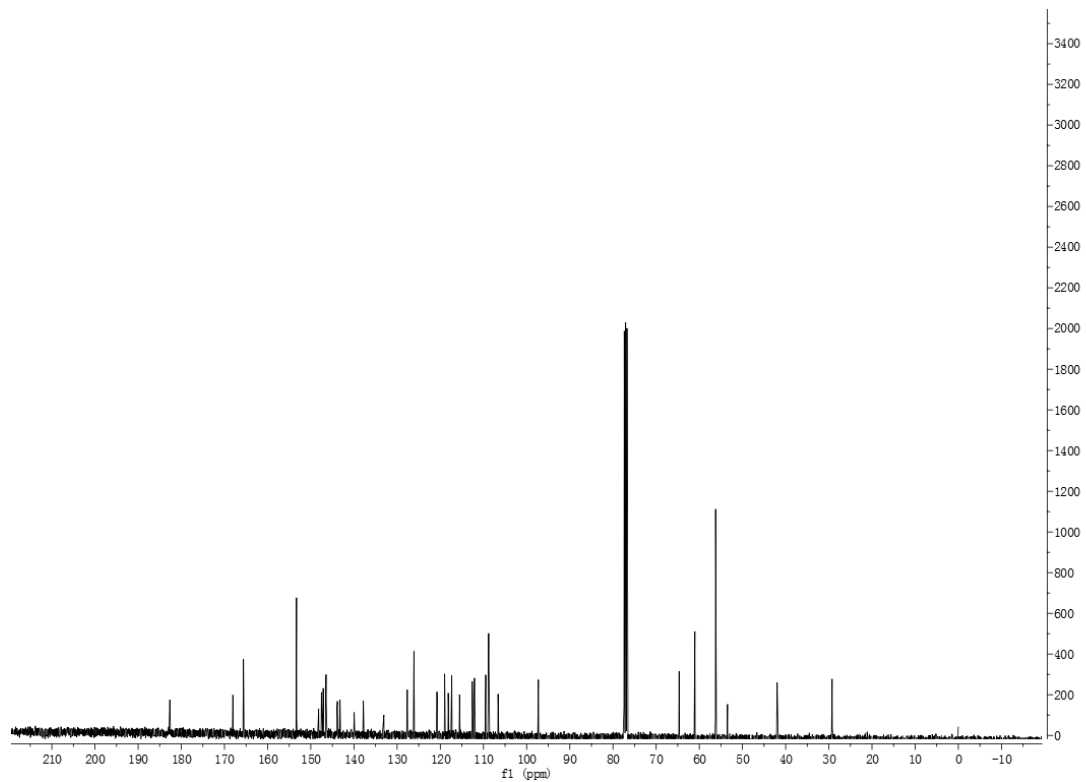


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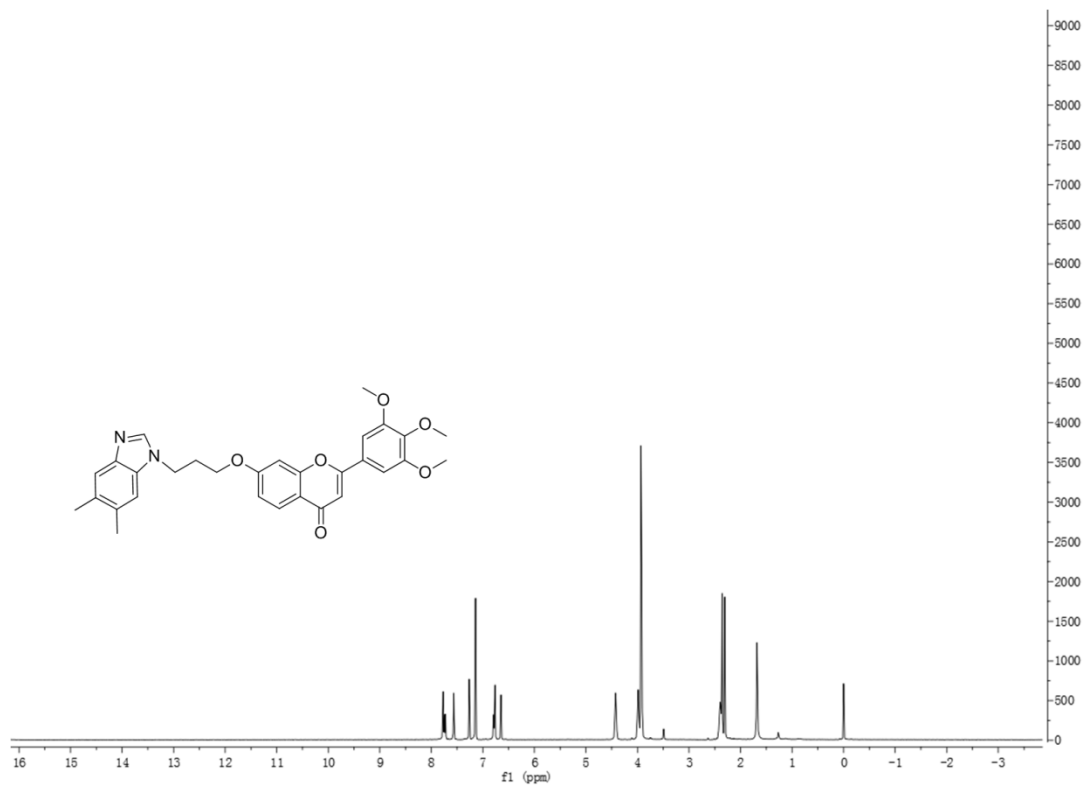




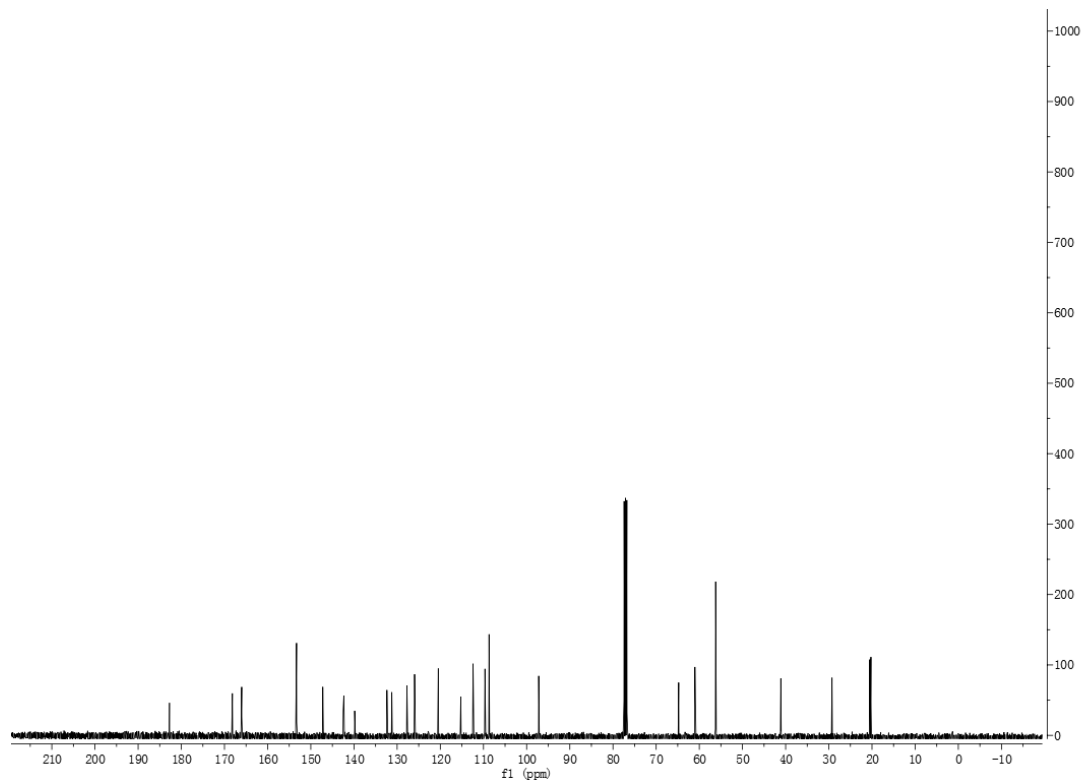
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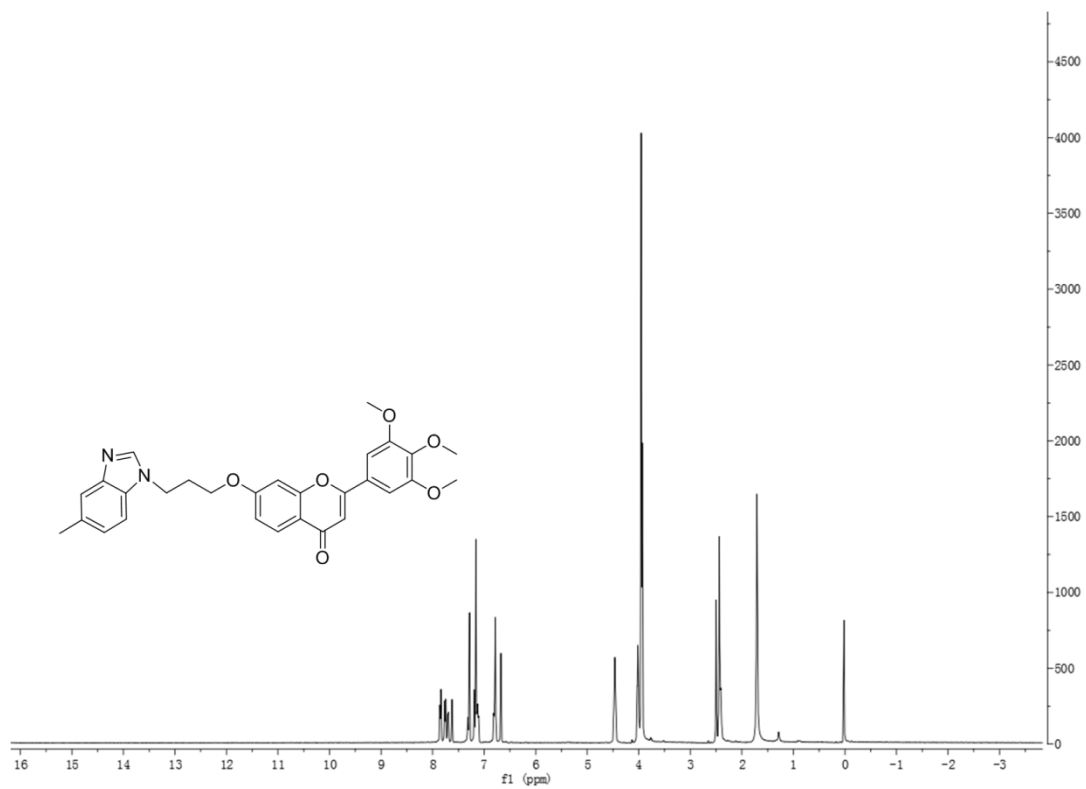
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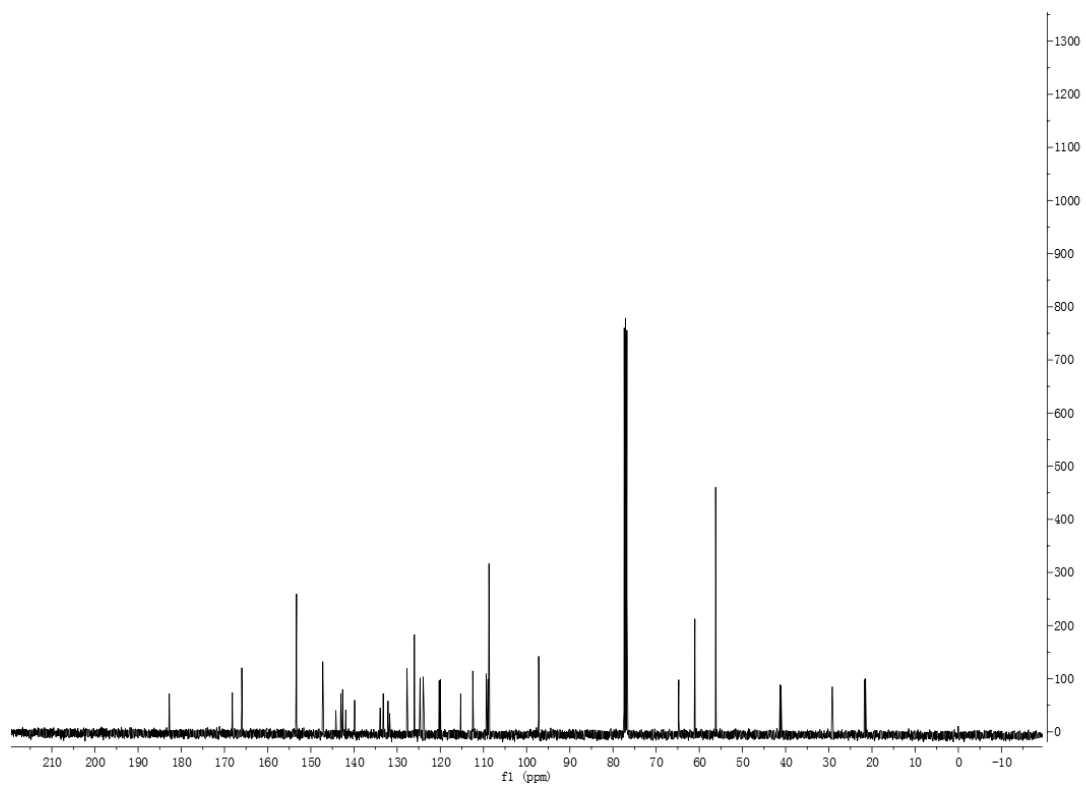
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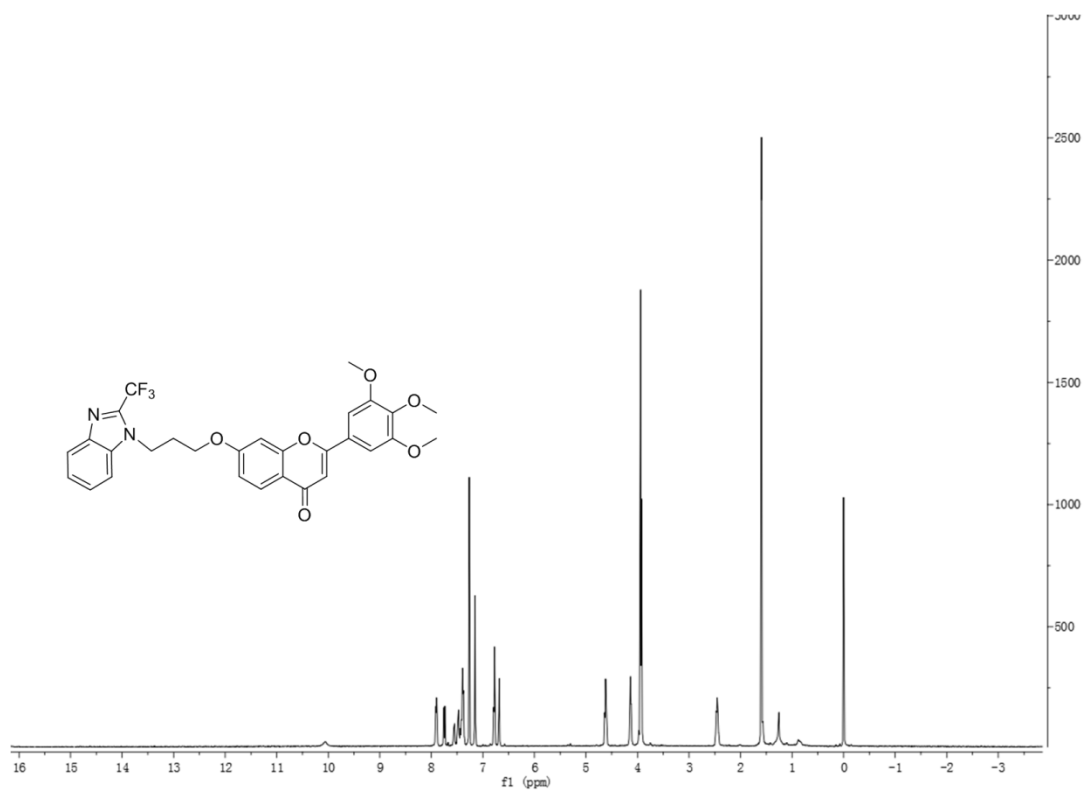
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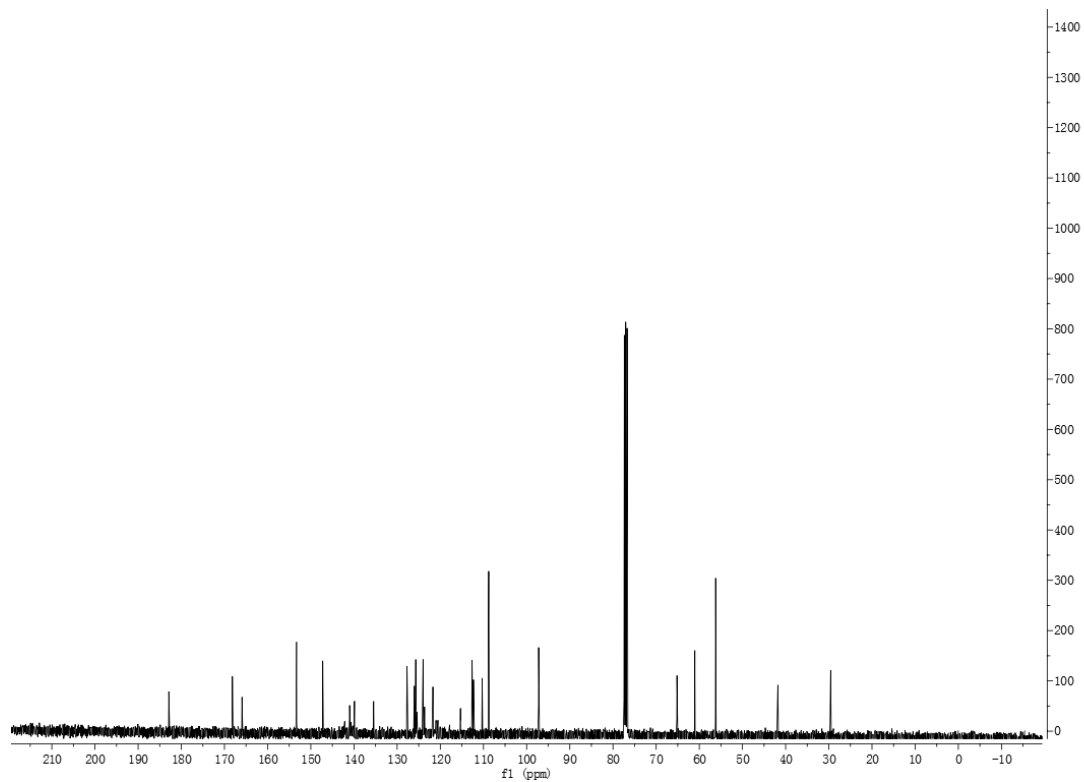
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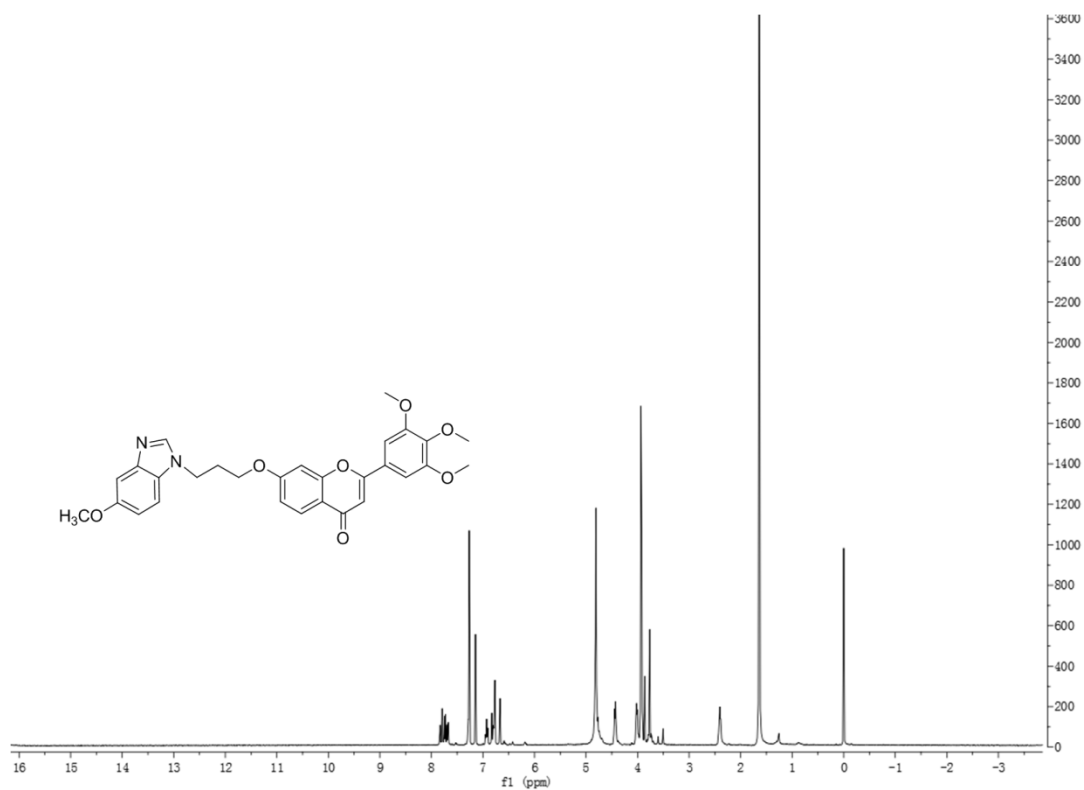
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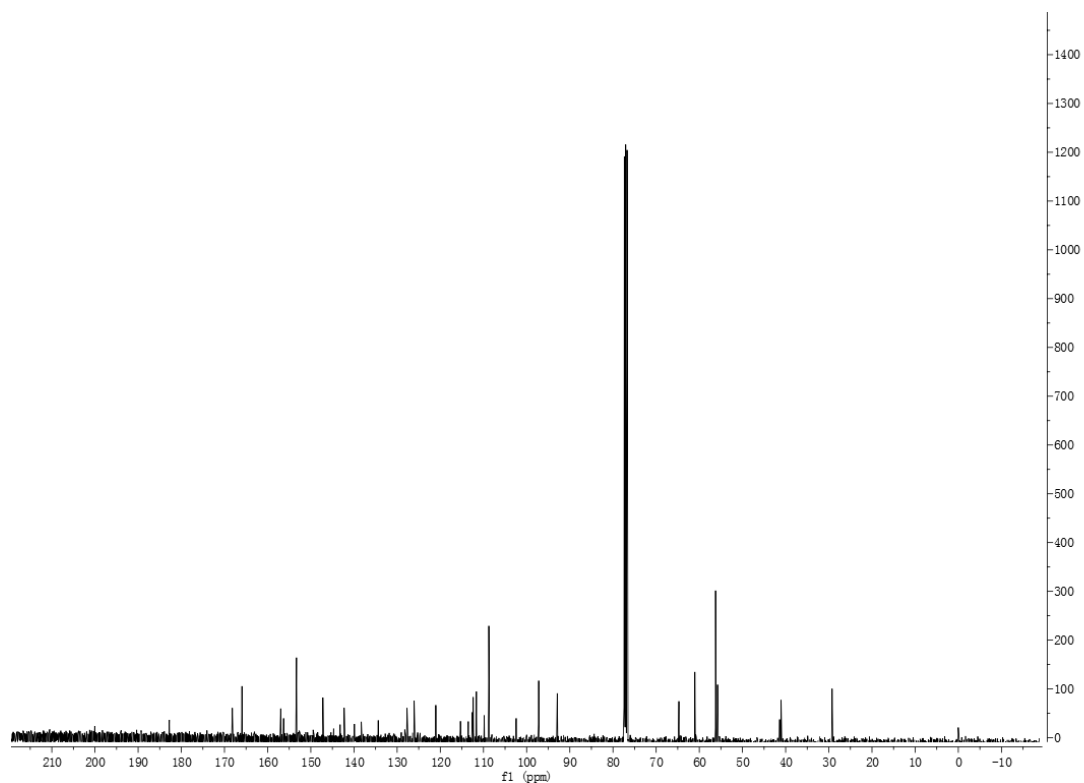
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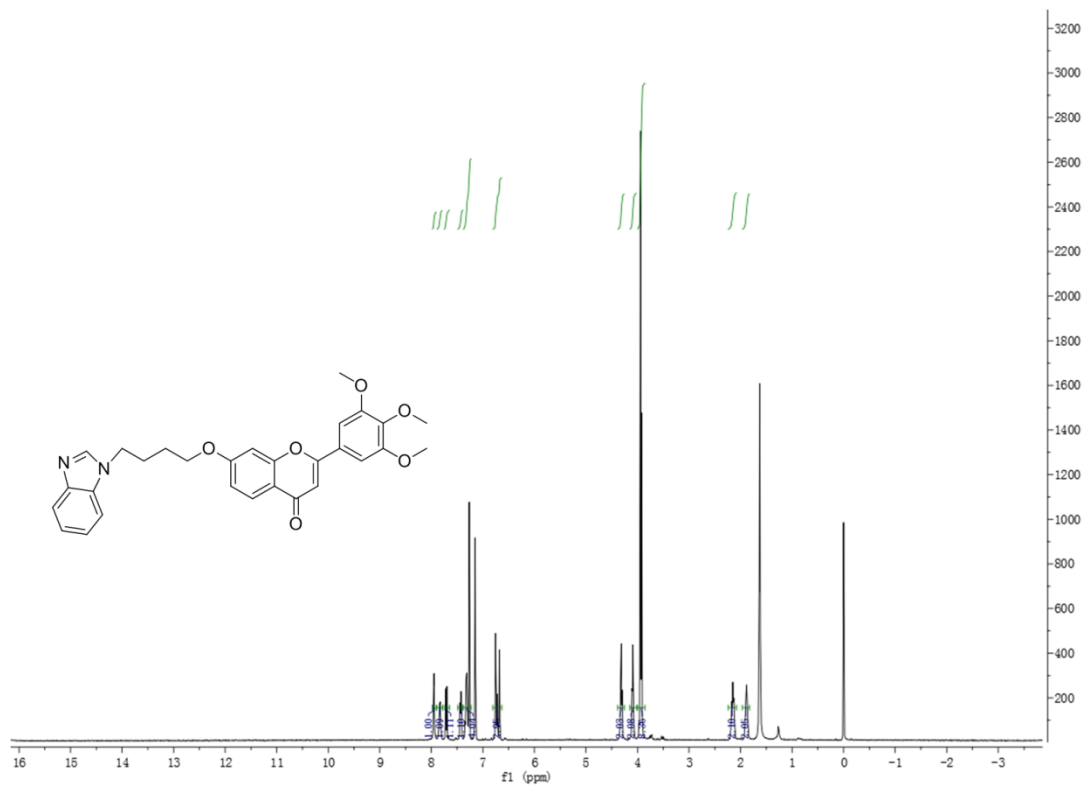
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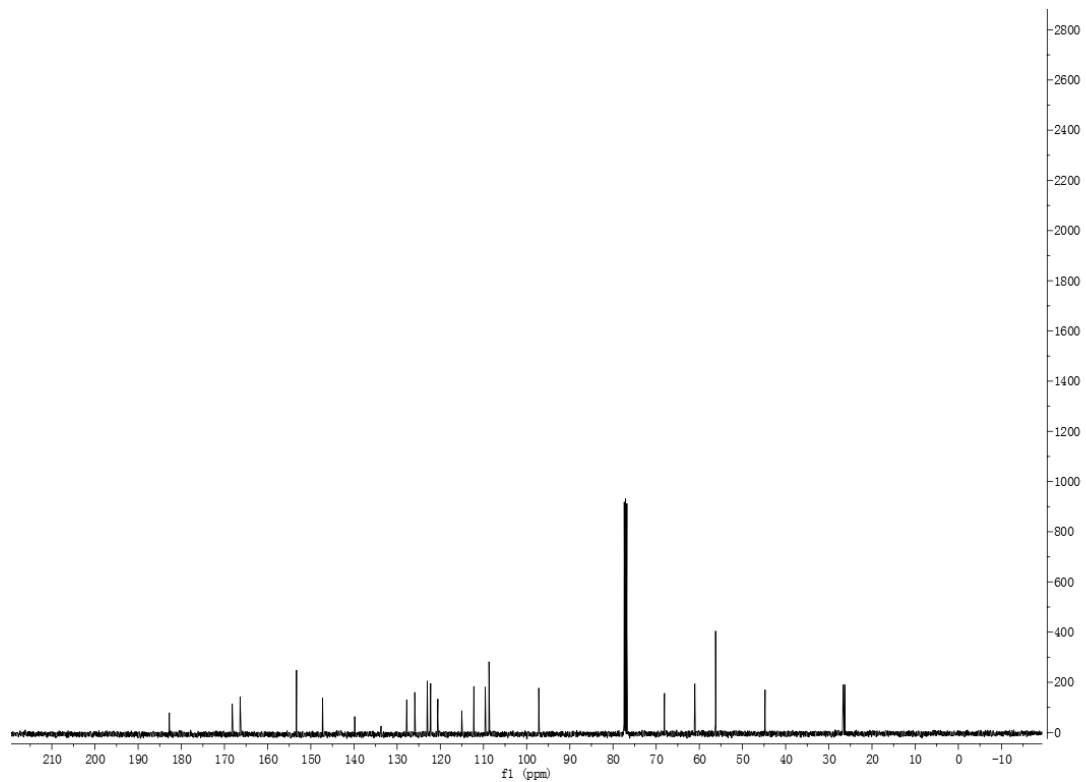
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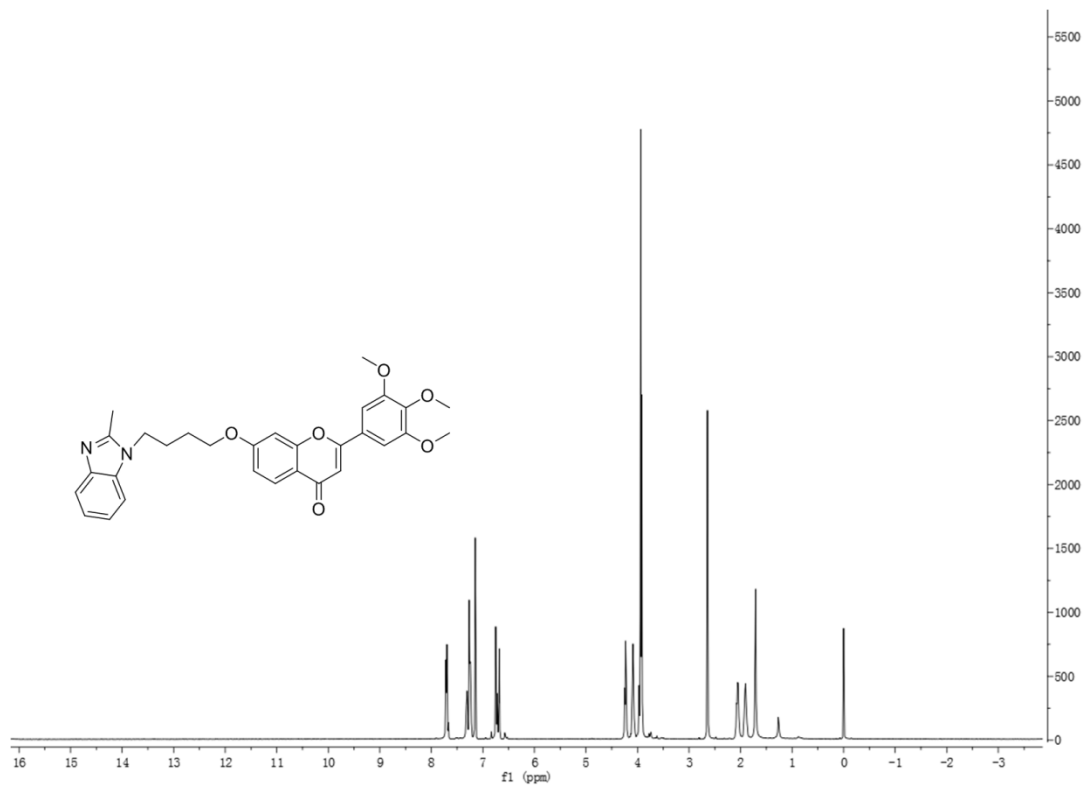
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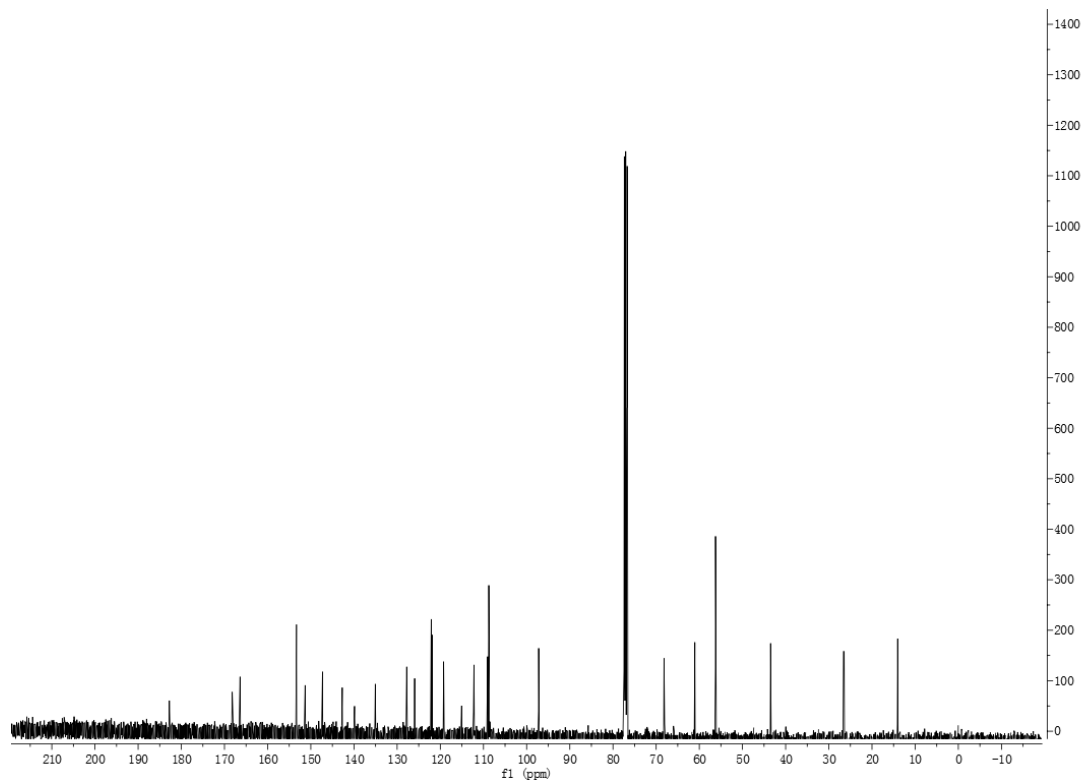
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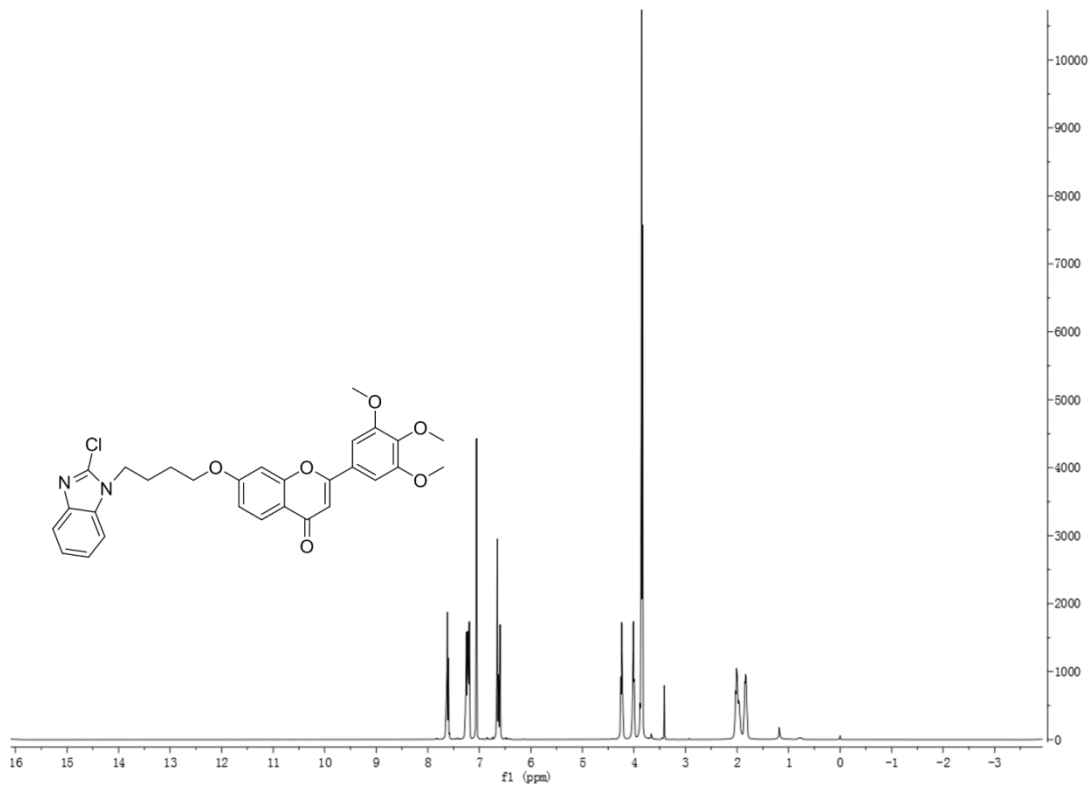
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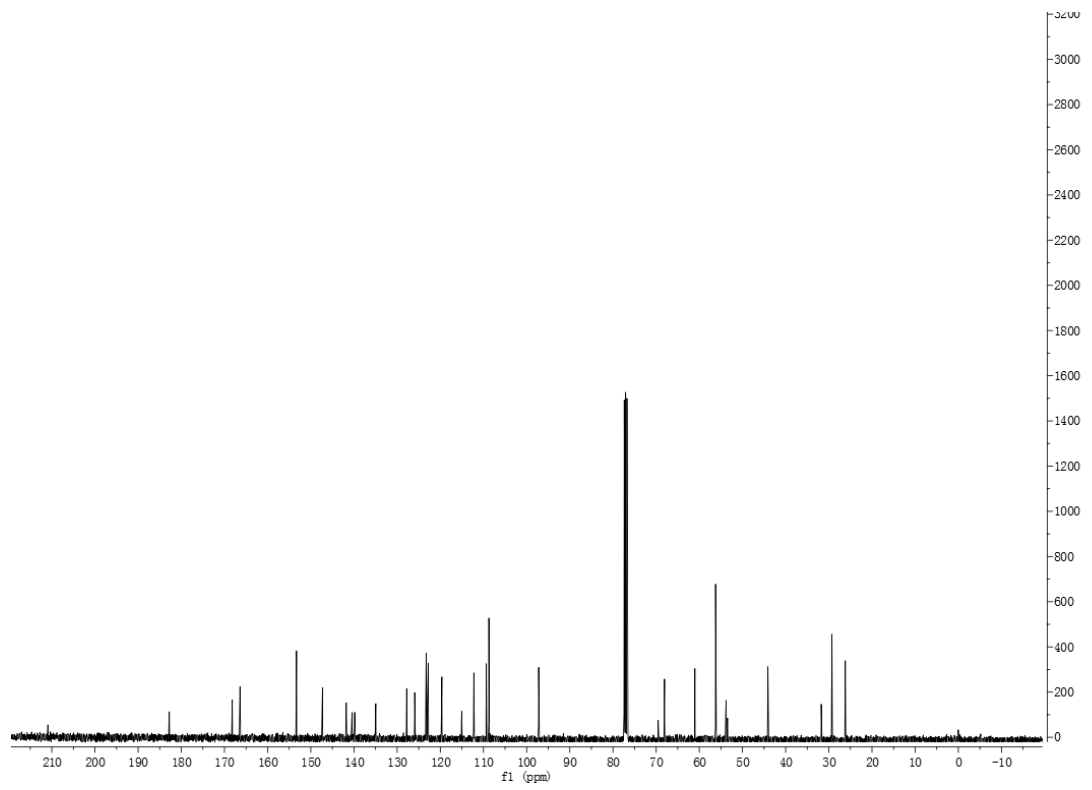
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<sup>13</sup>C NMR of compound 22

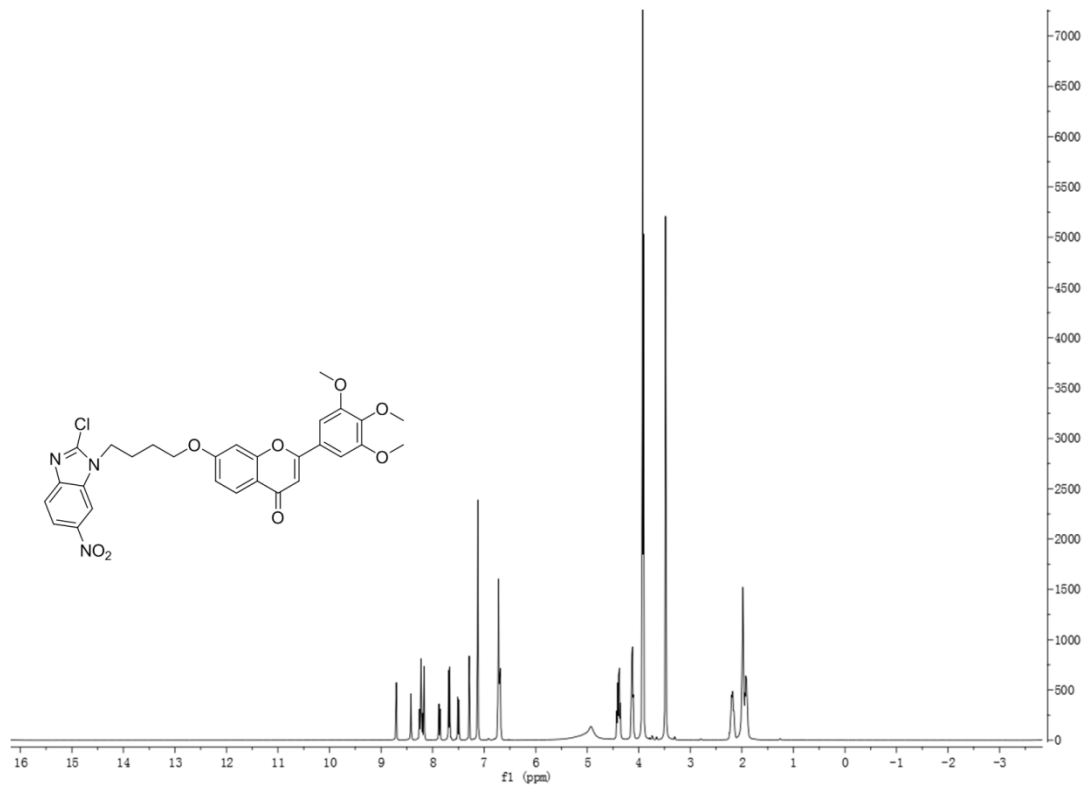


<sup>1</sup>H NMR of compound 23

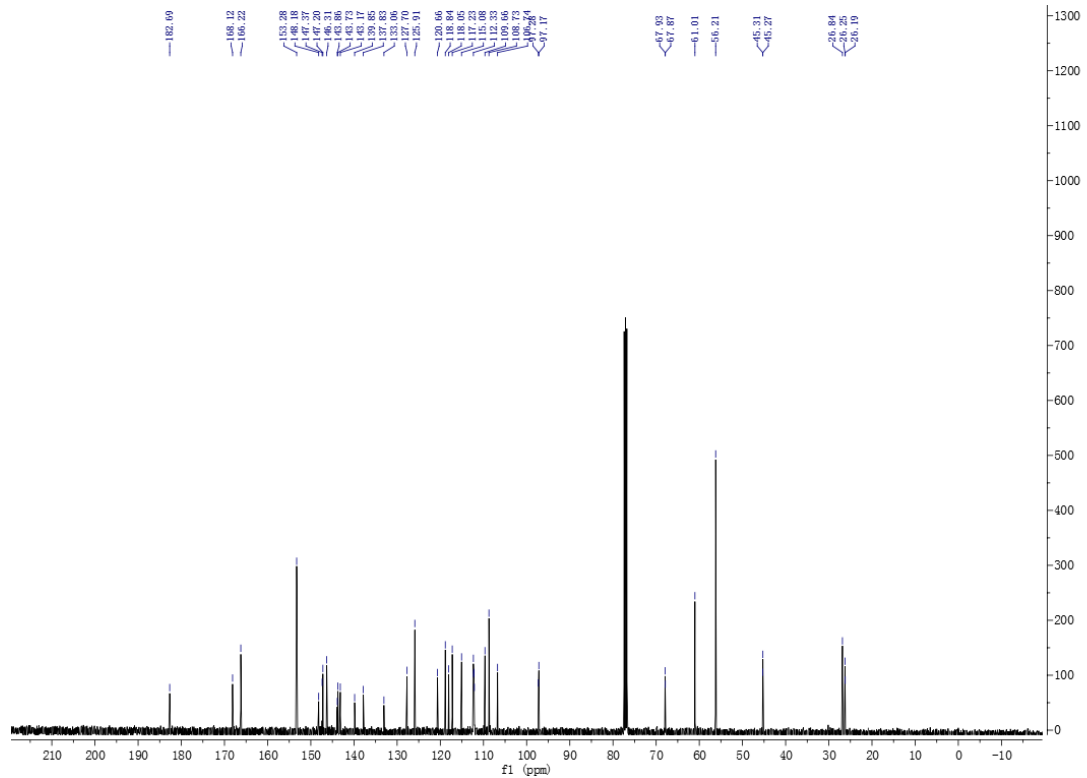


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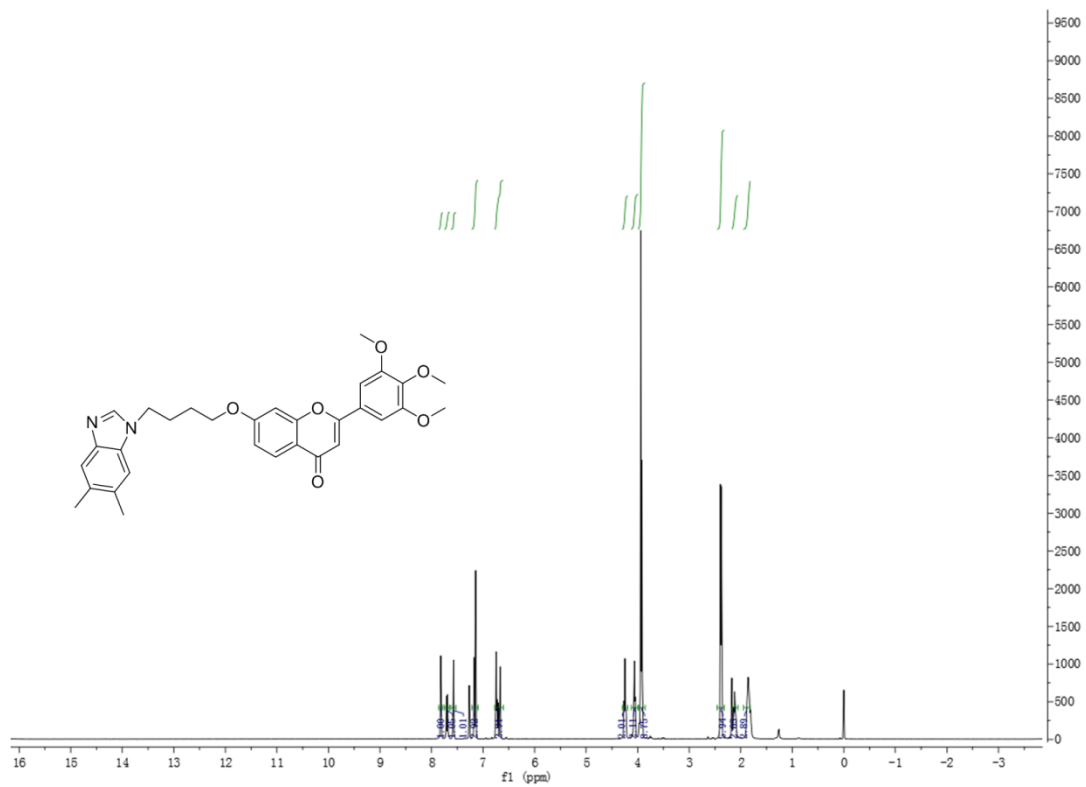




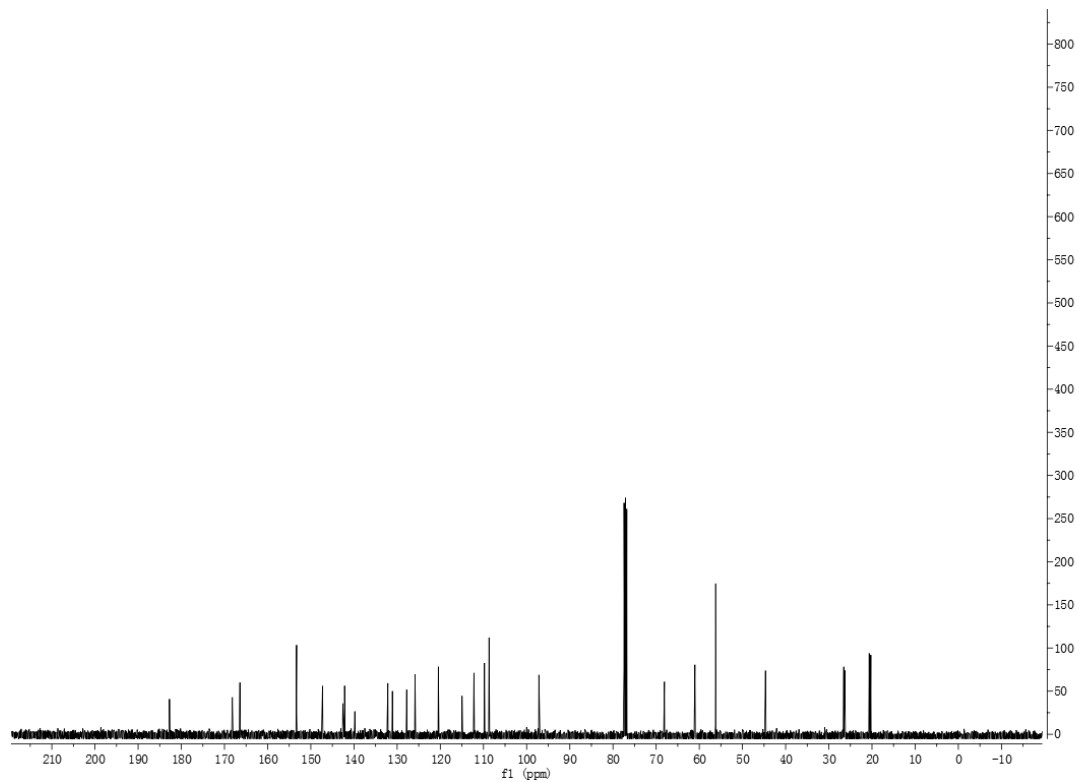
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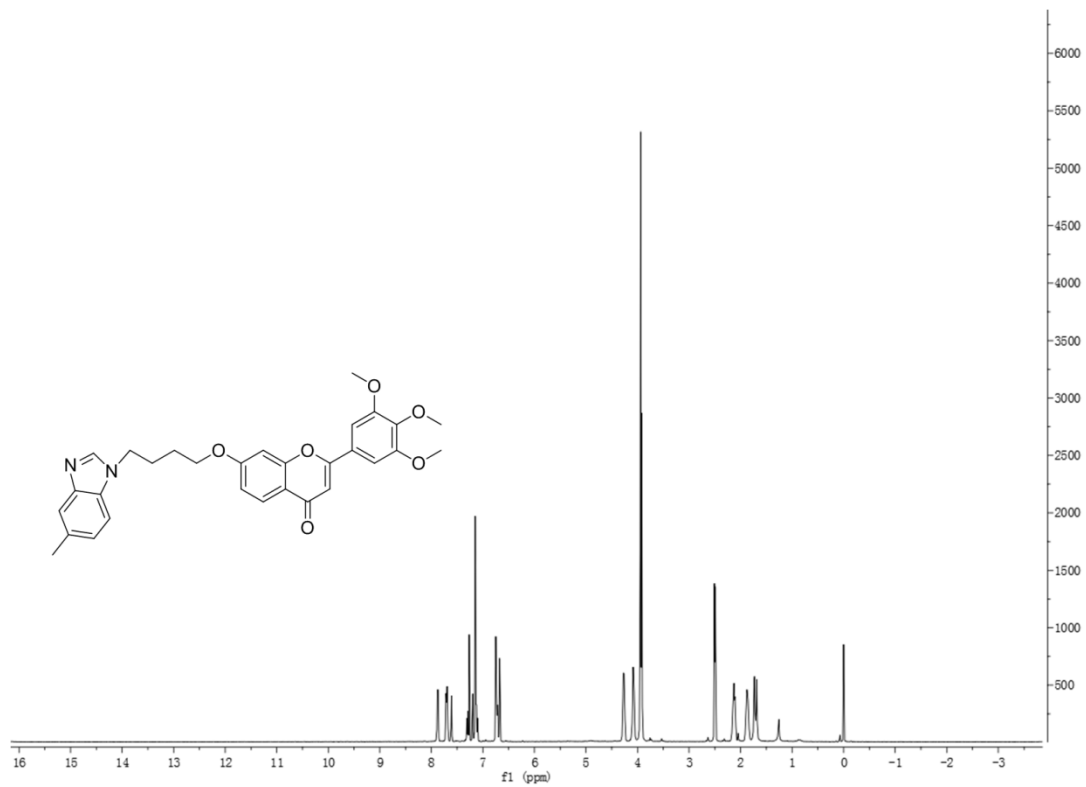
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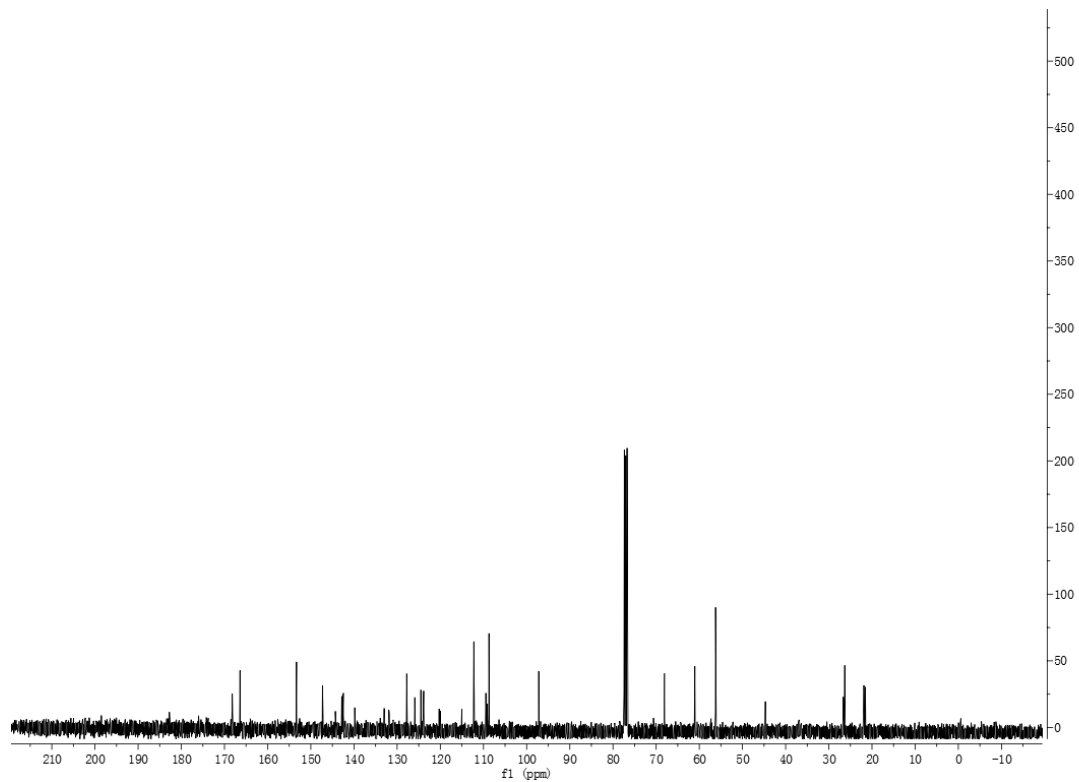
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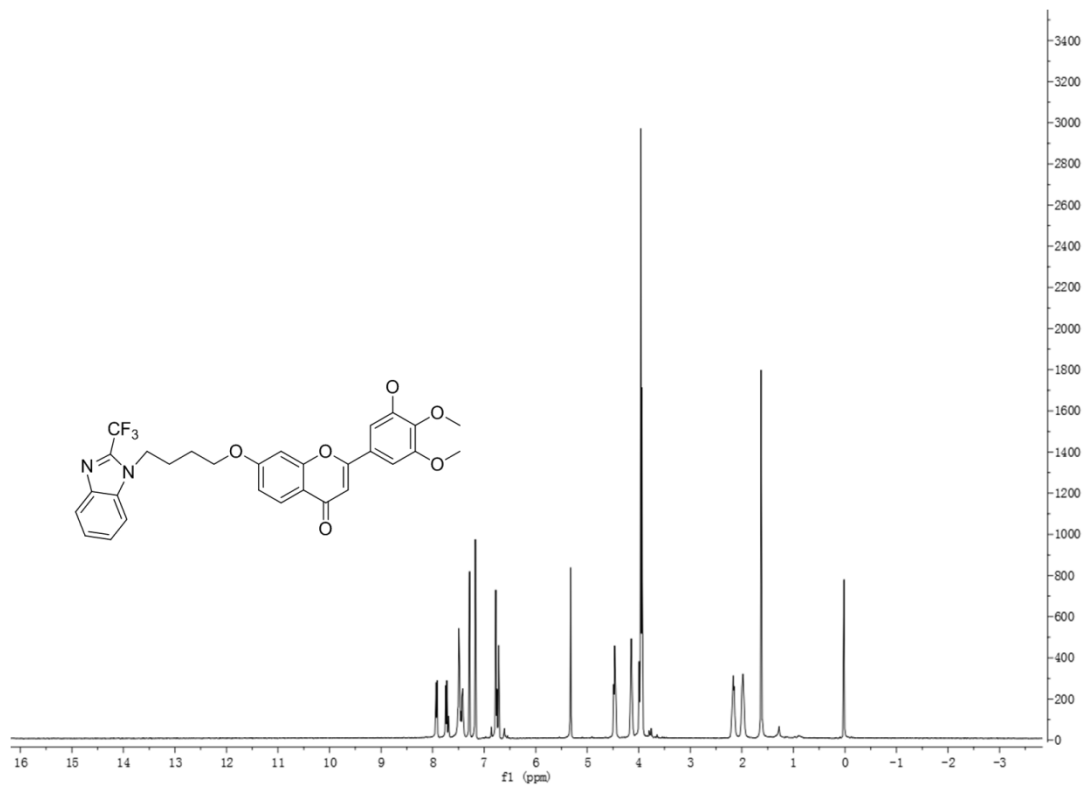
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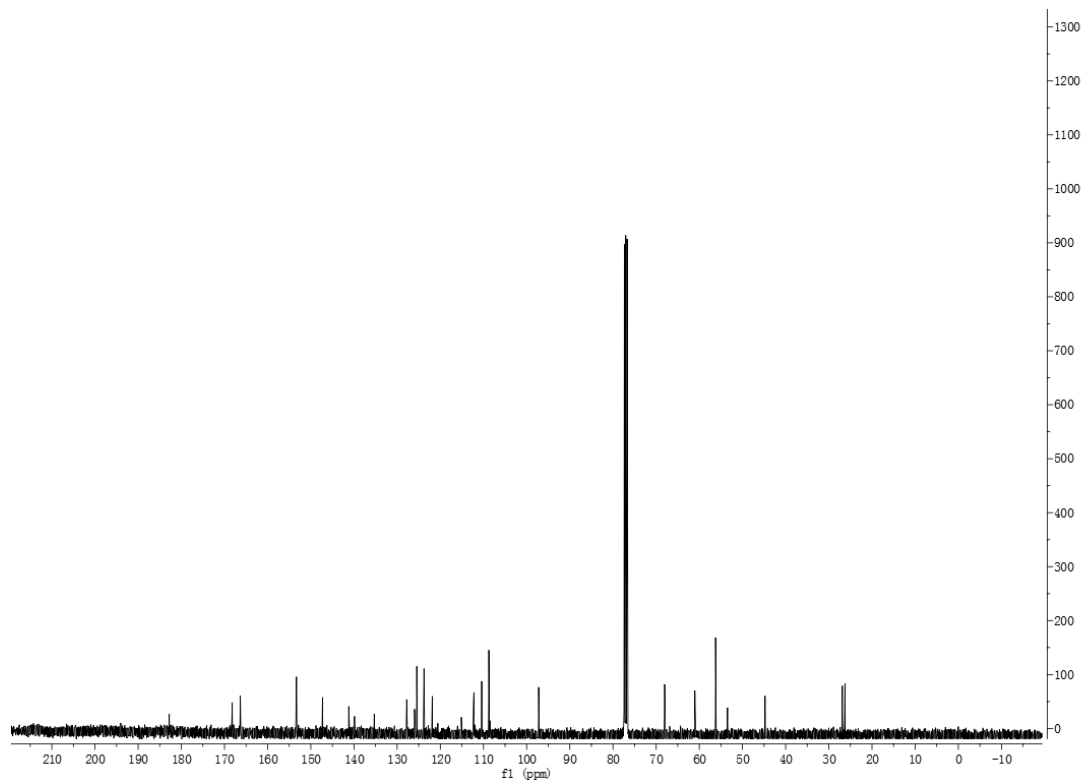
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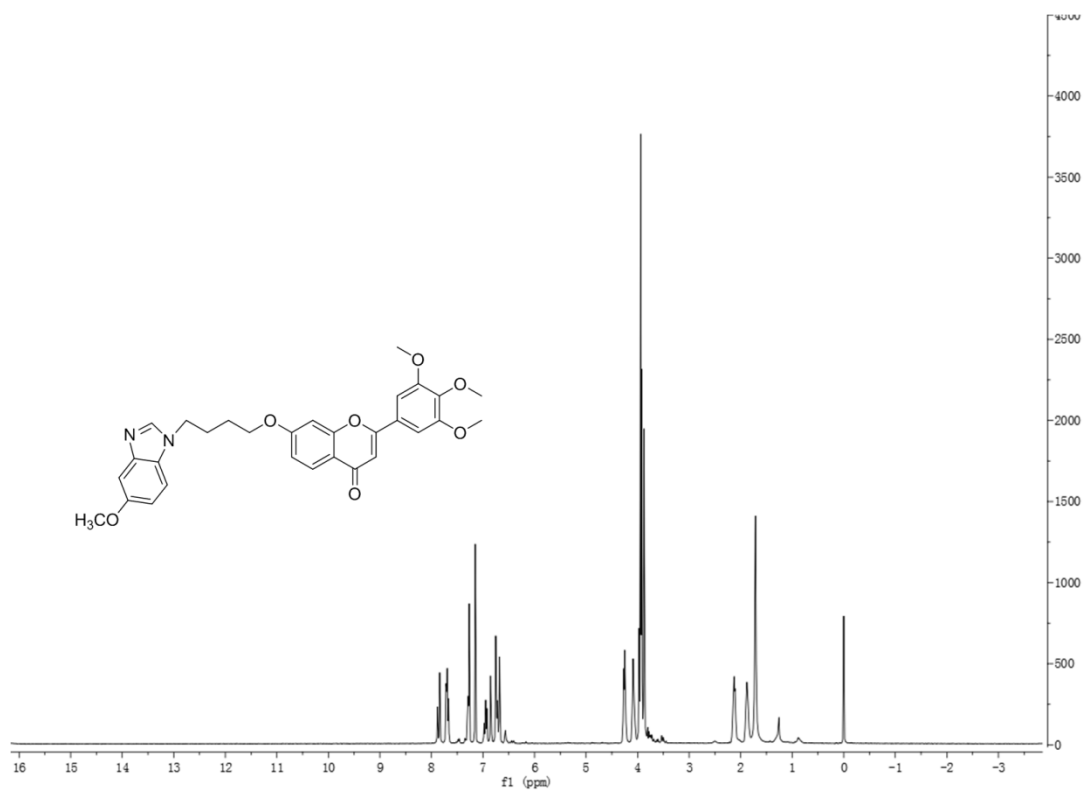
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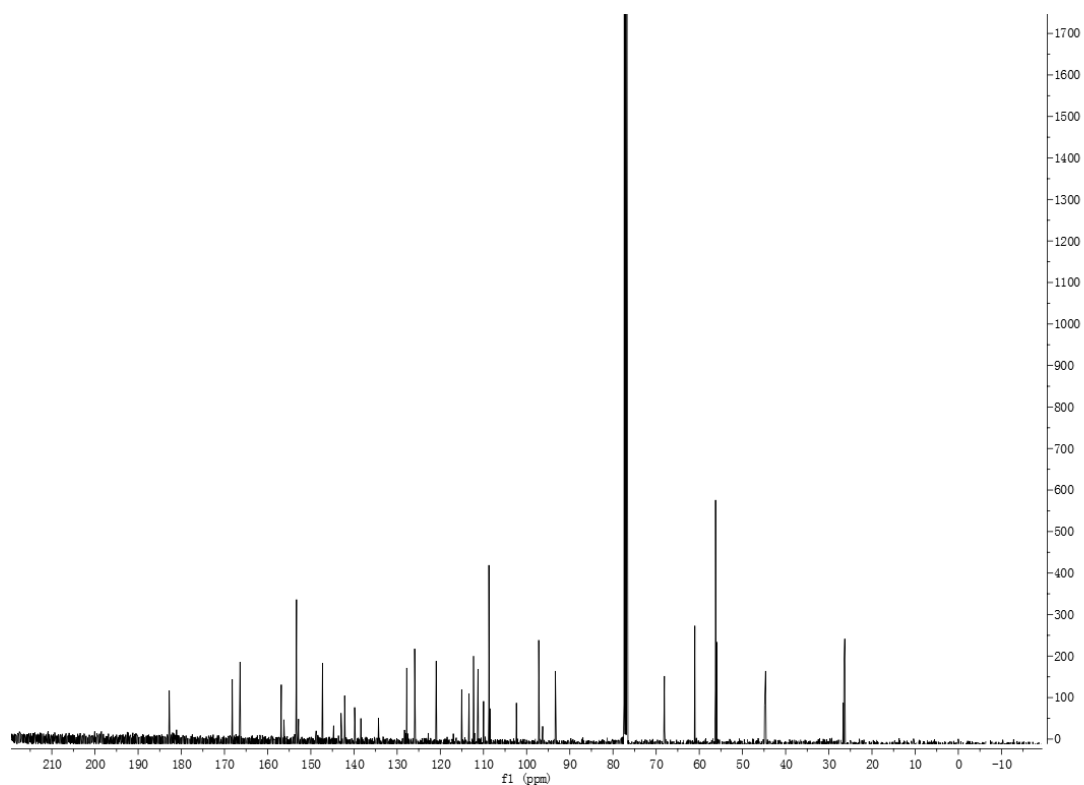
<sup>1</sup>H NMR of compound 27



<sup>13</sup>C NMR of compound 27



<sup>1</sup>H NMR of compound 28



<sup>13</sup>C NMR of compound 28