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## Supporting Information

### **KH<sub>2</sub>PO<sub>4</sub> PROMOTED PRACTICAL AND ENVIRONMENTALLY FRIENDLY PREPARATION OF COUMARIN-3-CARBOXYLIC ACIDS UNDER SOLVENT-FREE CONDITION**

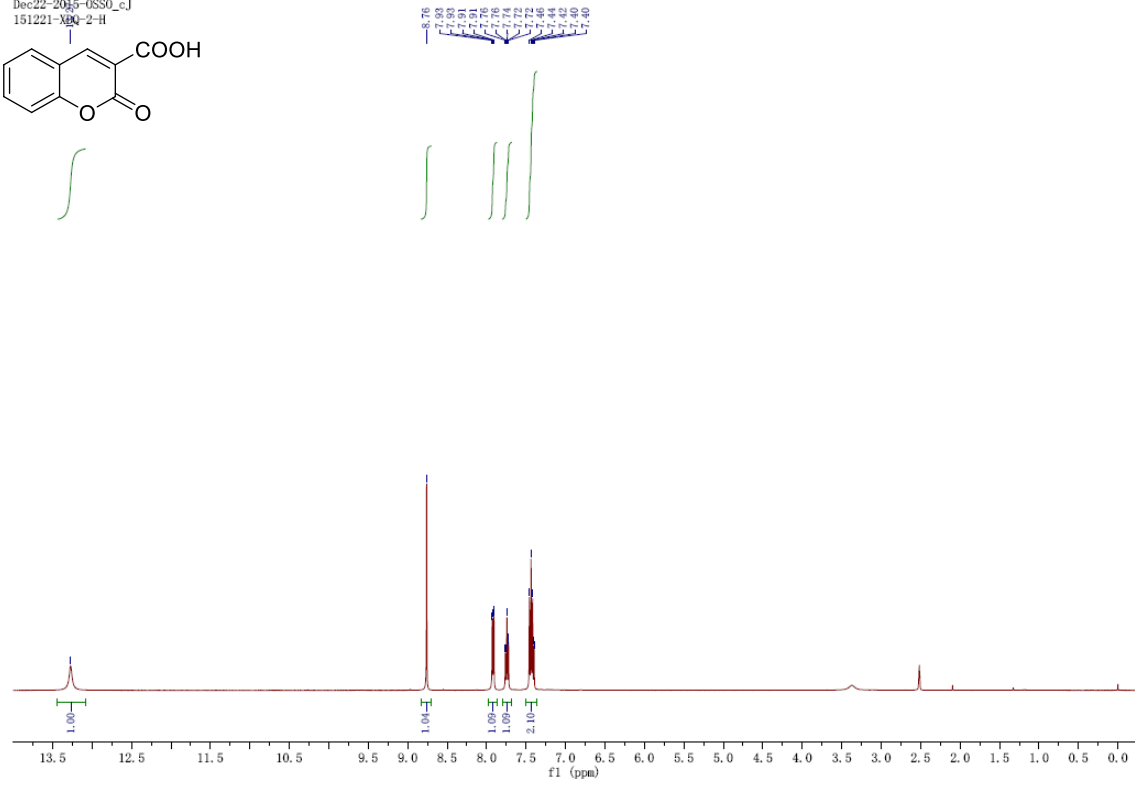
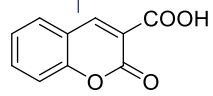
**Shuangqiu Gao, Di Xiao, Ying Yang, Xiaoyü Wei, Sai Sun, Jian Lang, and  
Chengwei Lv\***

School of Chemistry and Chemical Engineering, Liaoning Normal University, Dalian 116029, PR  
China; E-mail: chengweilv@126.com

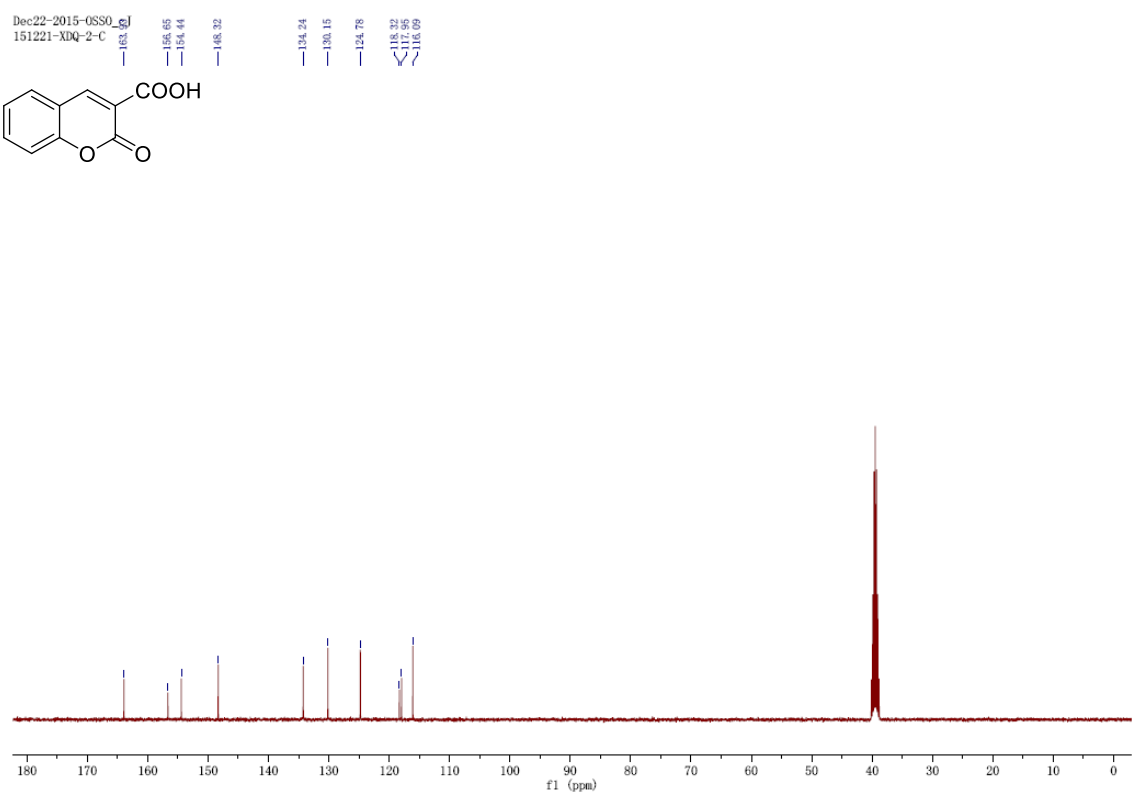
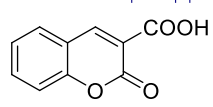
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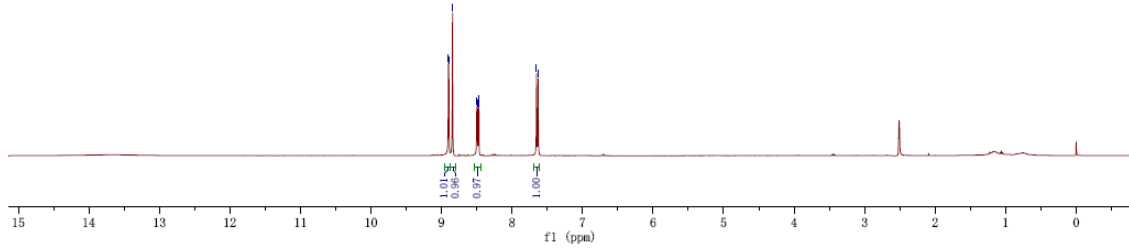
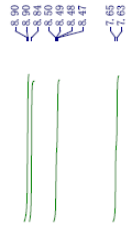
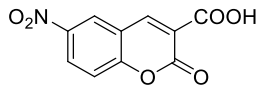
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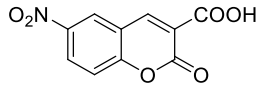
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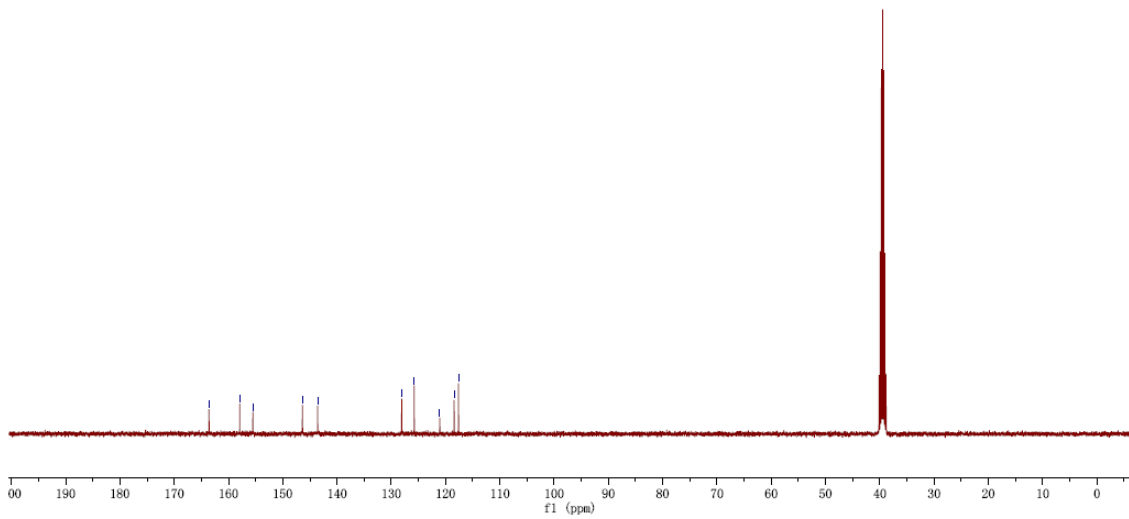
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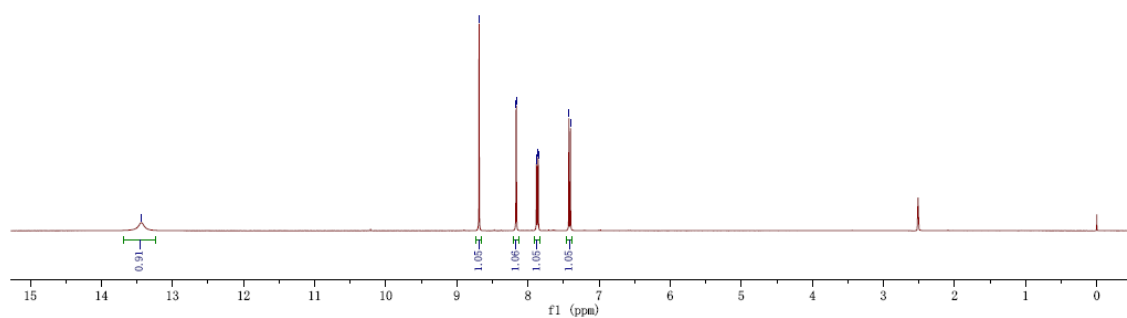
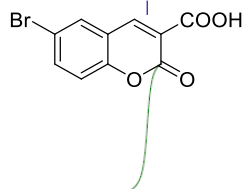
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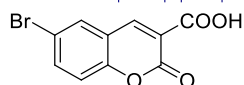
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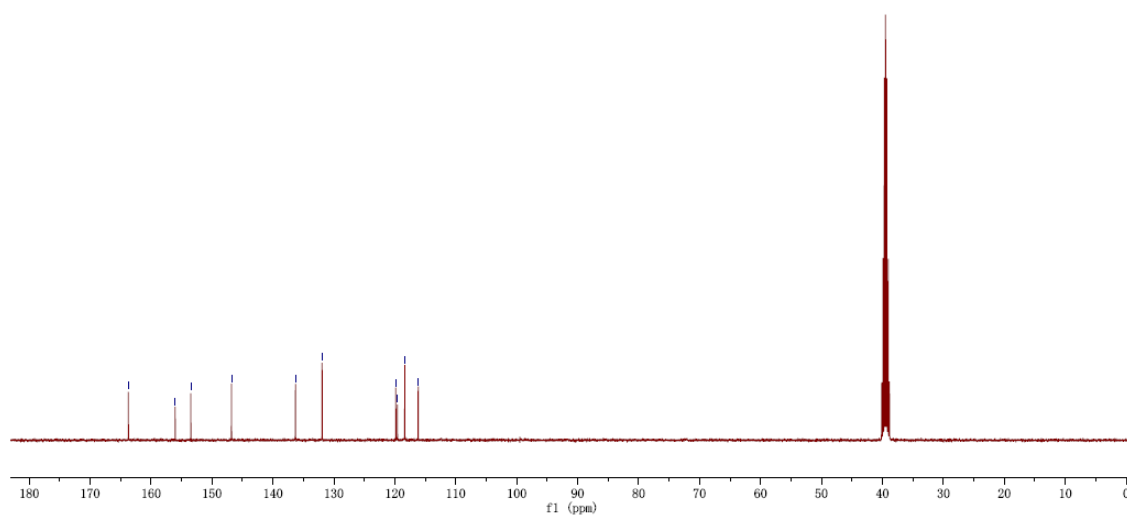
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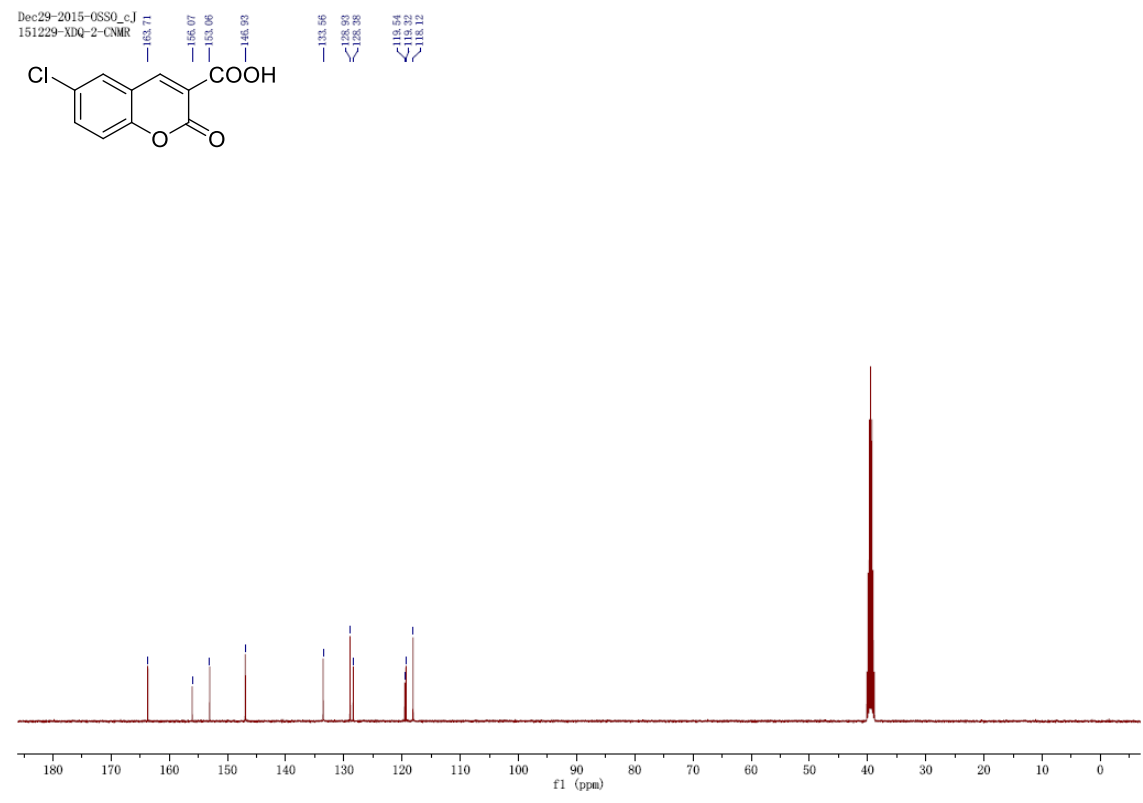
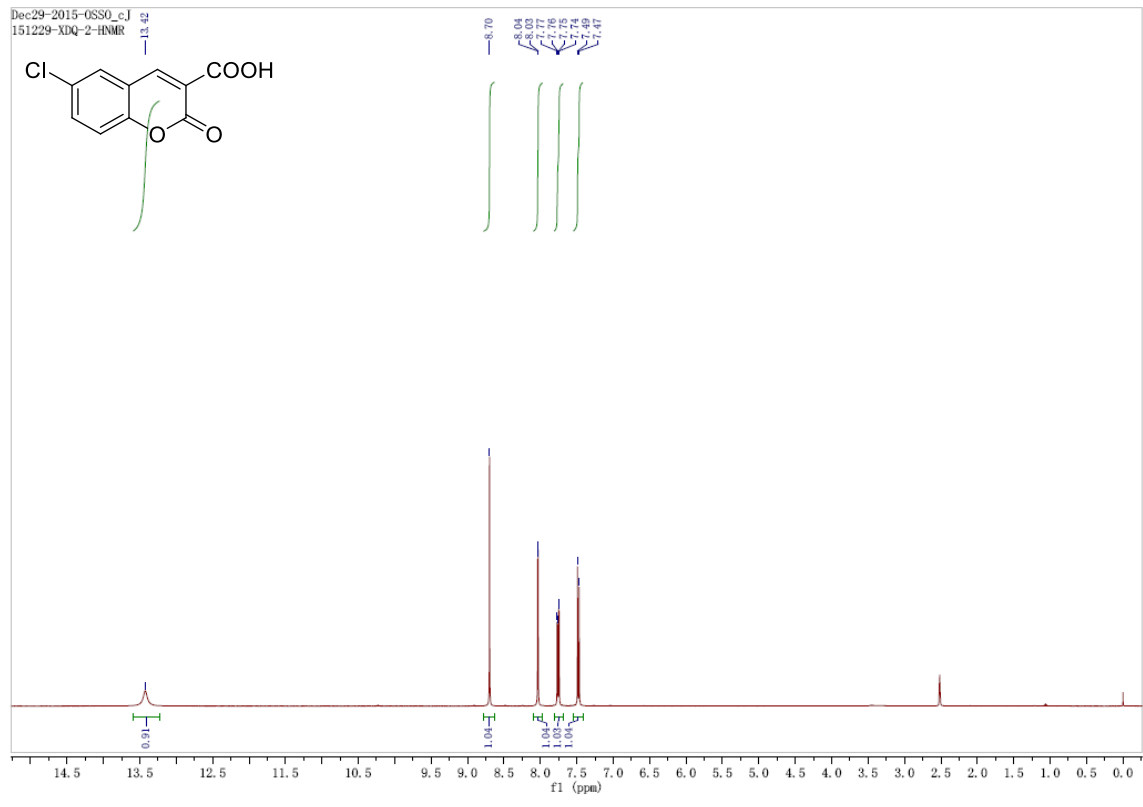


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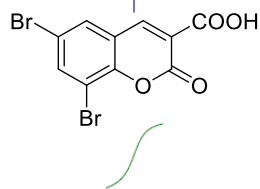


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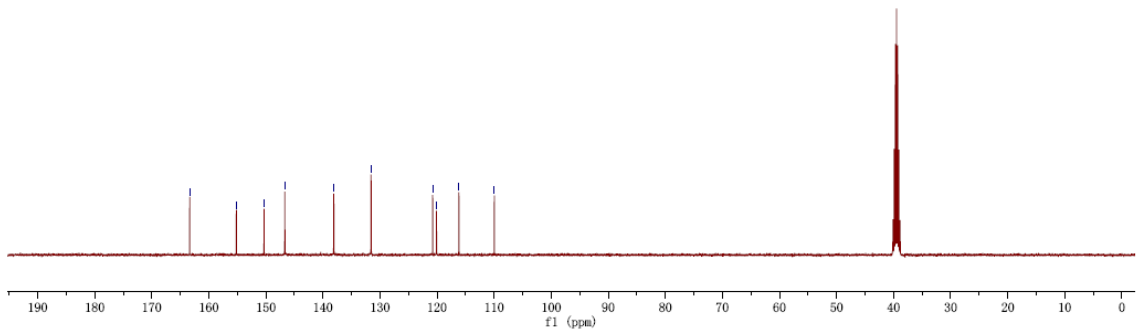
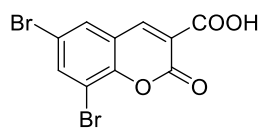




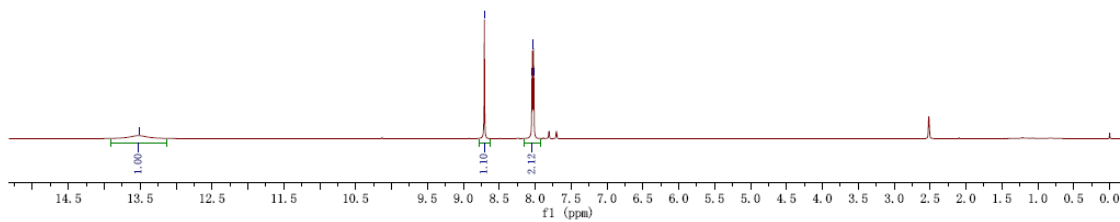
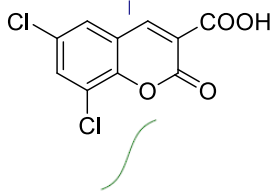
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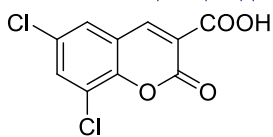
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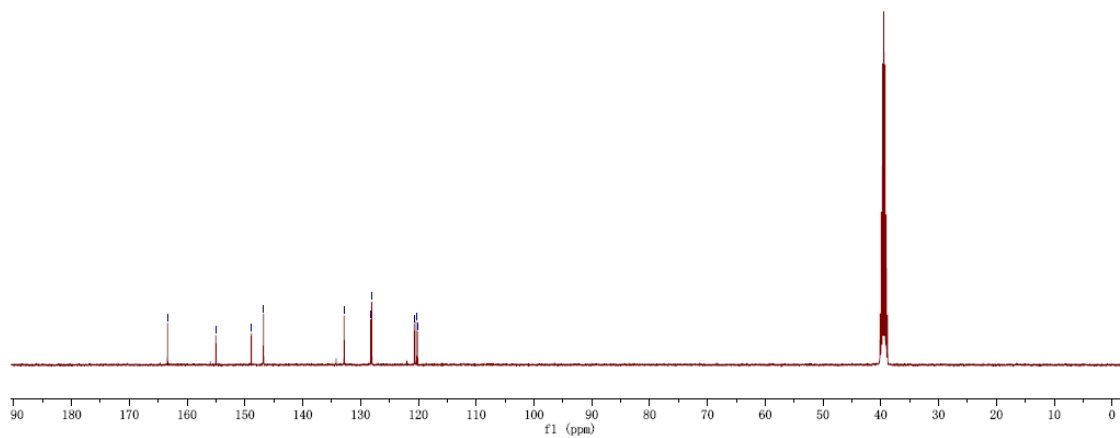
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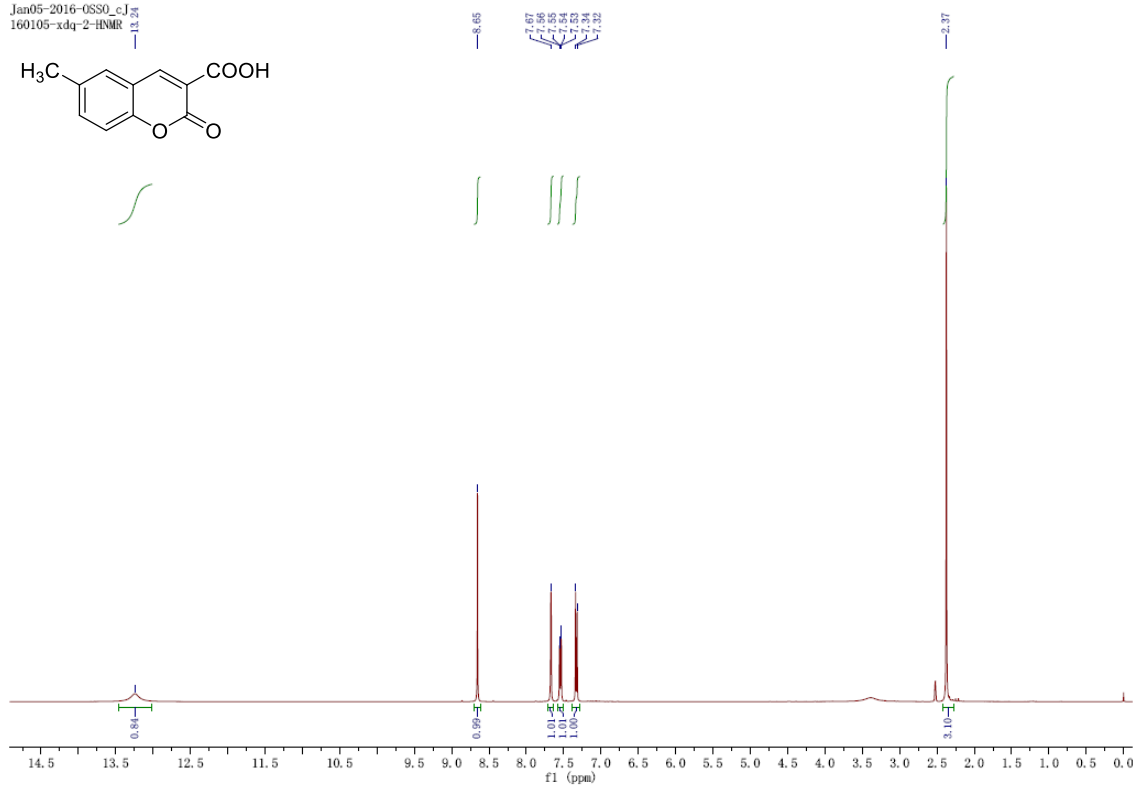
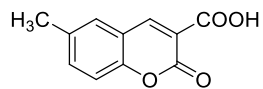
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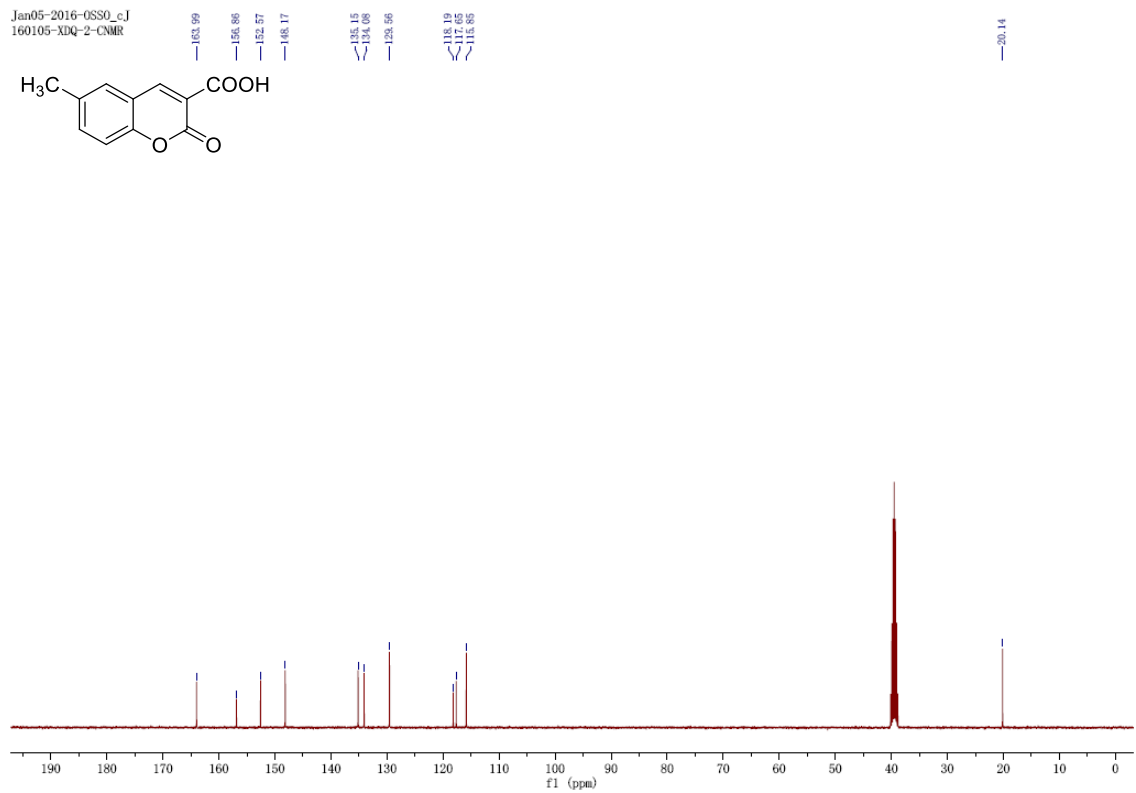
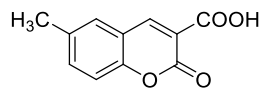
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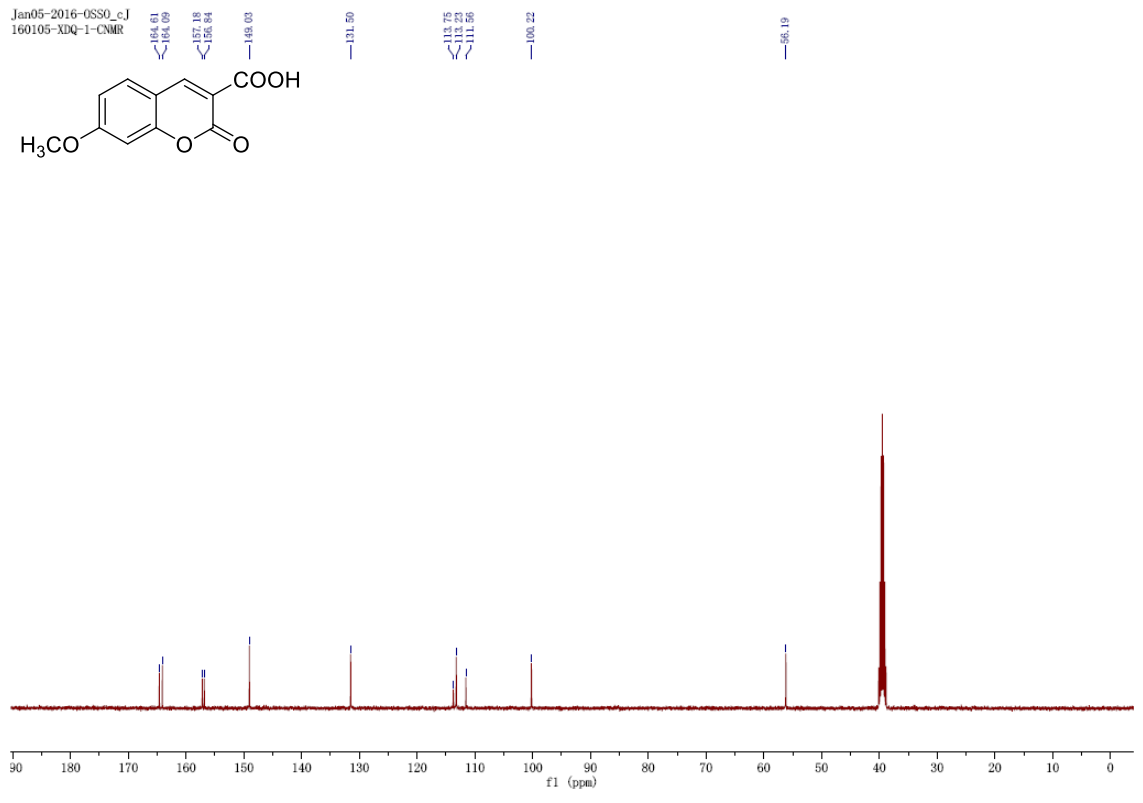
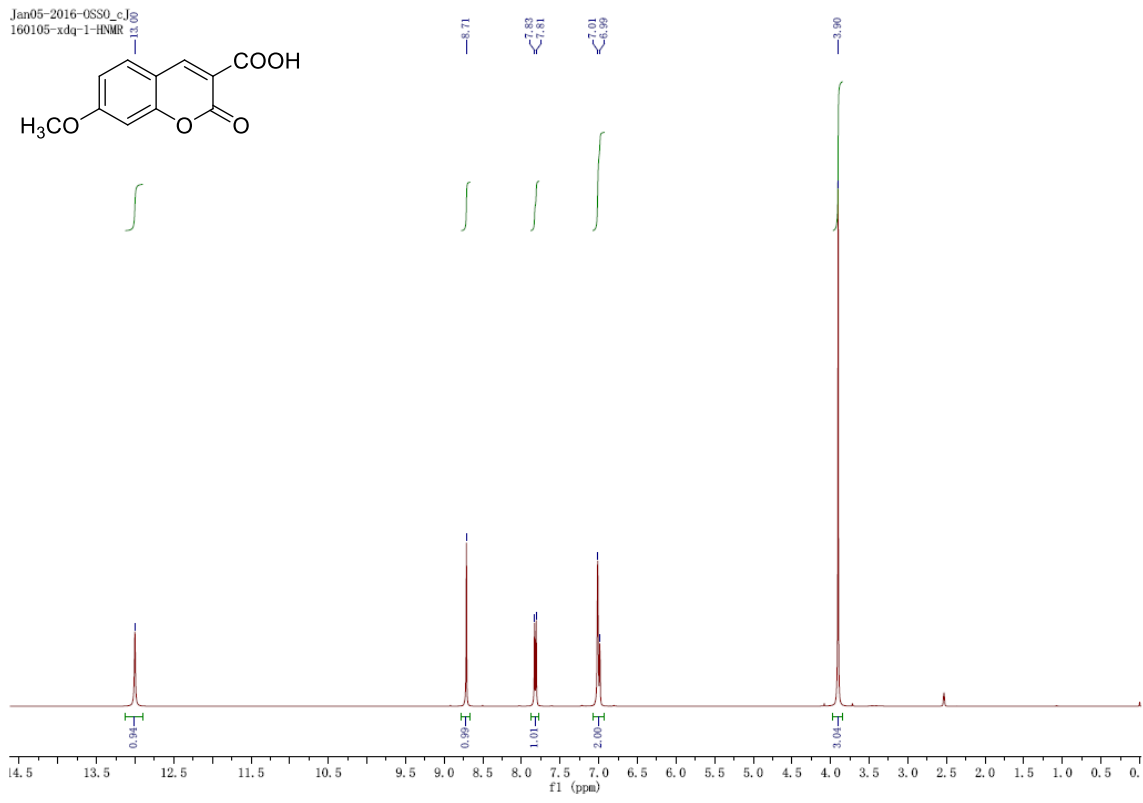
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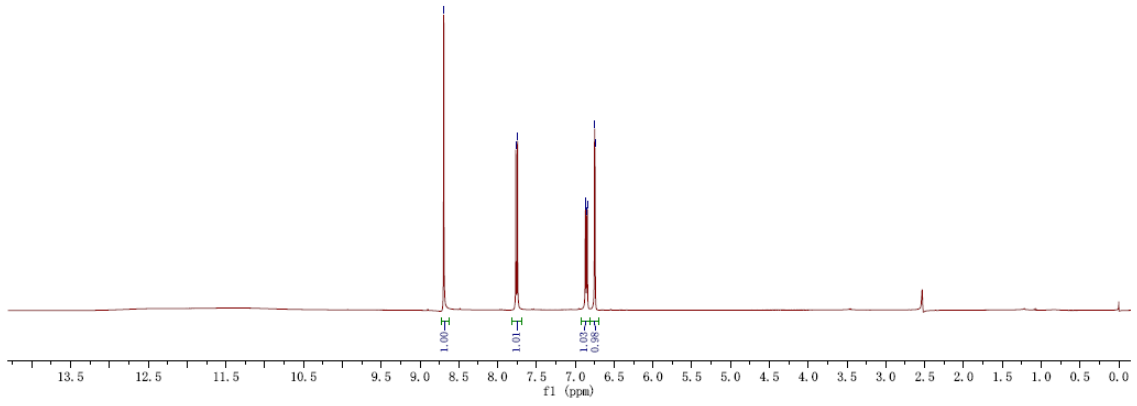
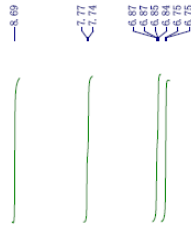
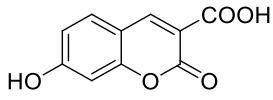
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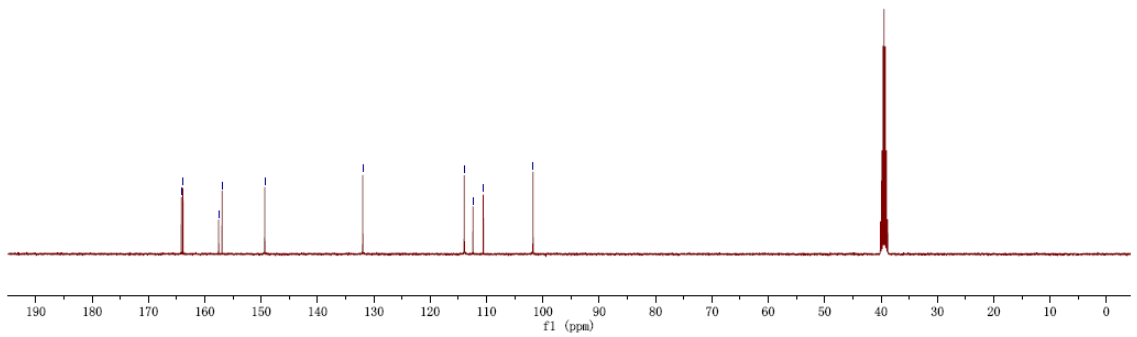
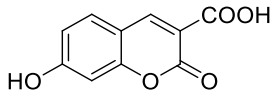




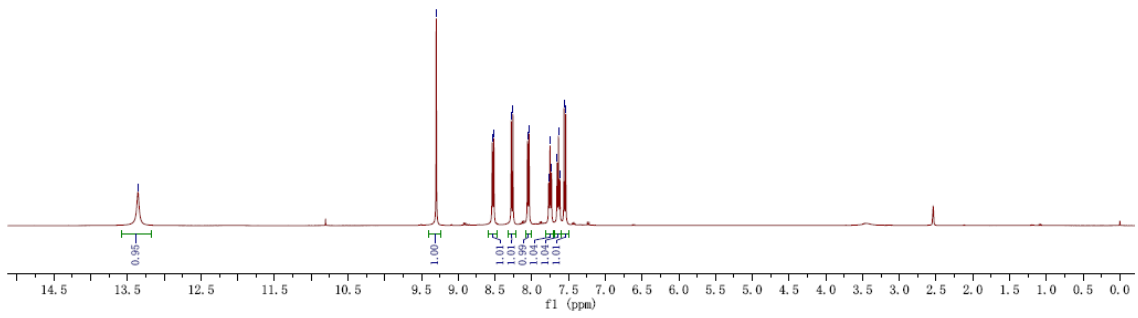
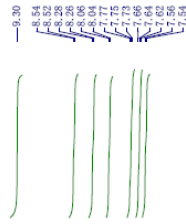
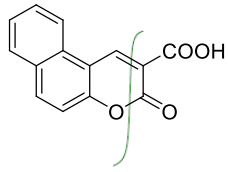
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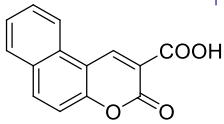
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Jan25-2016-OSSQ\_cJ  
160125-XDQ-11-H



Jan25-2016-OSSQ\_cJ  
160125-XDQ-11-C



164.23  
156.71  
156.04  
143.60  
135.74  
128.71  
128.89  
128.32  
122.17  
117.04  
116.38  
111.97

