

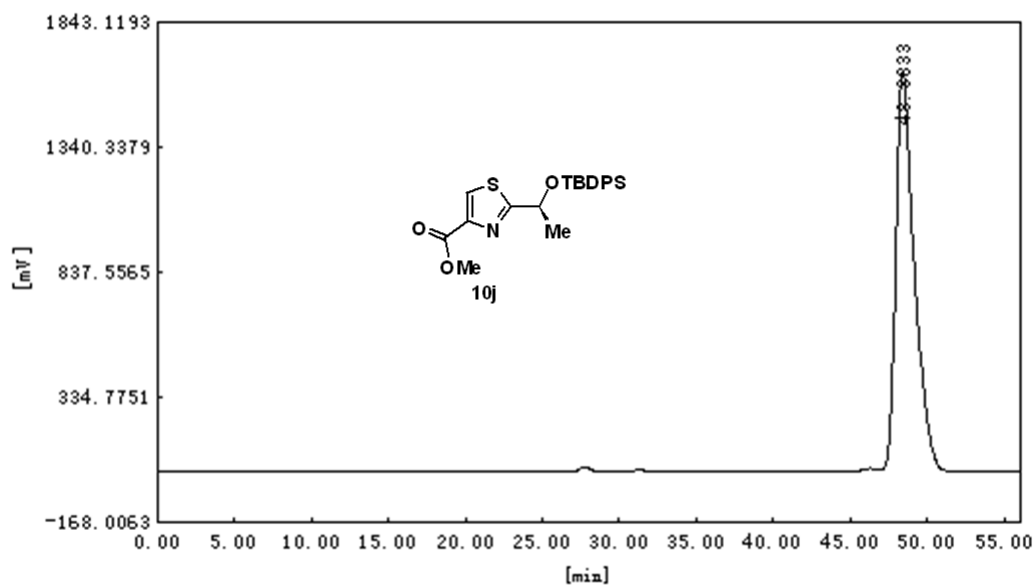
## Supporting Information

### **Concise Synthesis of 2, 4-Disubstituted Thiazoles from $\beta$ -Azido Disulfides and Carboxylic Acids or Anhydrides: Asymmetric Synthesis of Cystothiazole C**

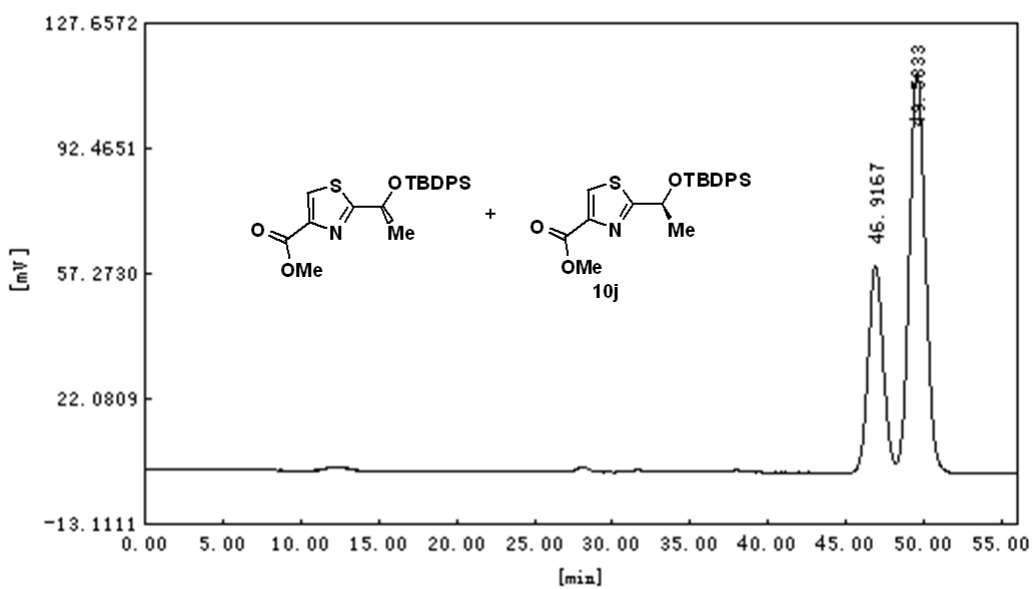
Yi Liu<sup>a,b</sup>, Xue Sun<sup>a,b</sup>, Xing, Zhang<sup>a</sup>, Jun Liu<sup>\*a</sup> and Yuguo Du<sup>\*a,b</sup>

*<sup>a</sup>State Key Laboratory of Environmental Chemistry and Eco-toxicology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing 100085, China, and <sup>b</sup>School of Chemistry and Chemical Engineering, University of Chinese Academy of Sciences, Beijing 100049, China.*

**e.e.-Determination of 10j and its enantiomer by using HPLC with chiral modified column.**

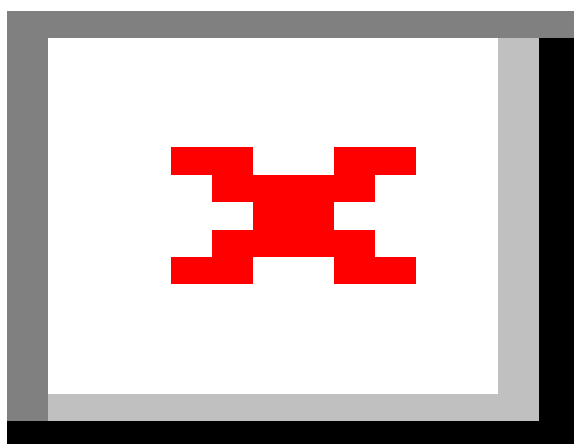
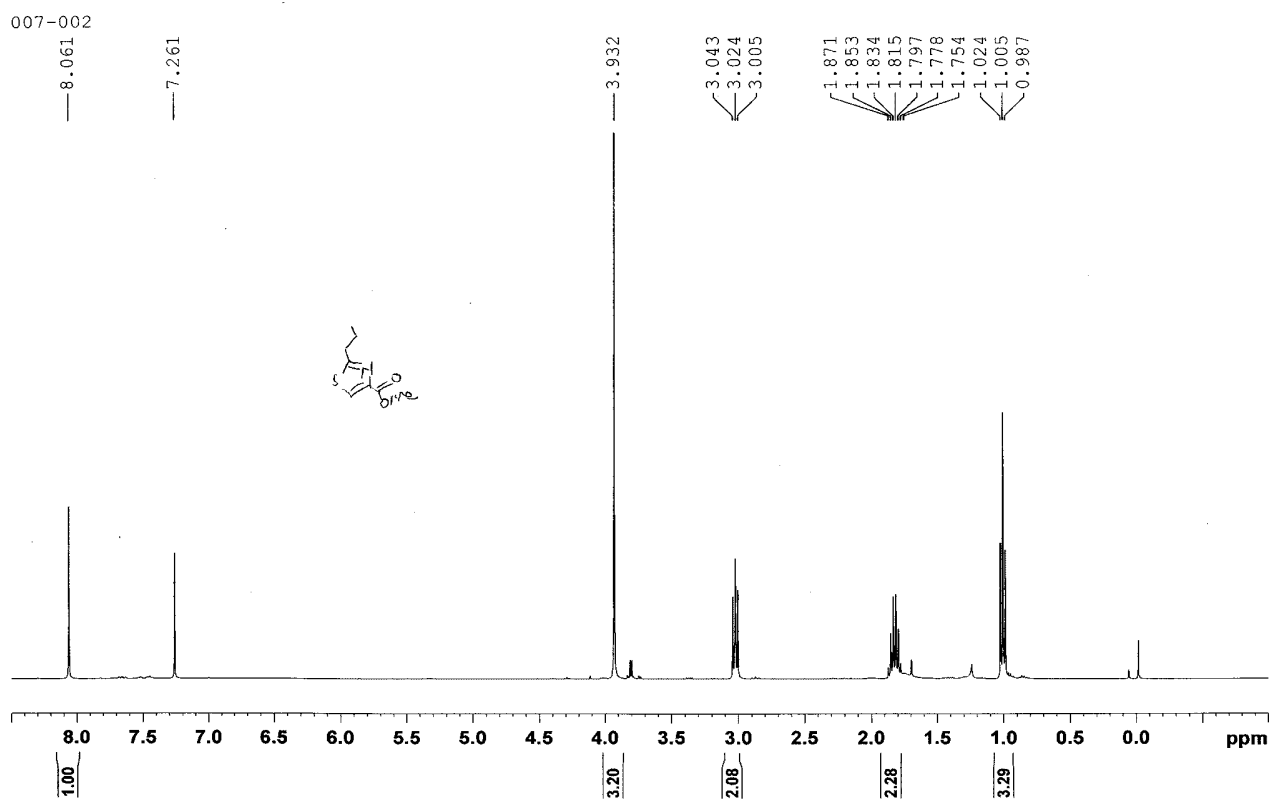
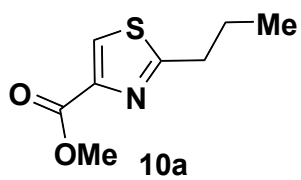


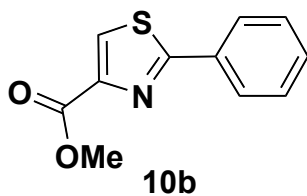
Enantiomer analysis for our synthetic **10j**.



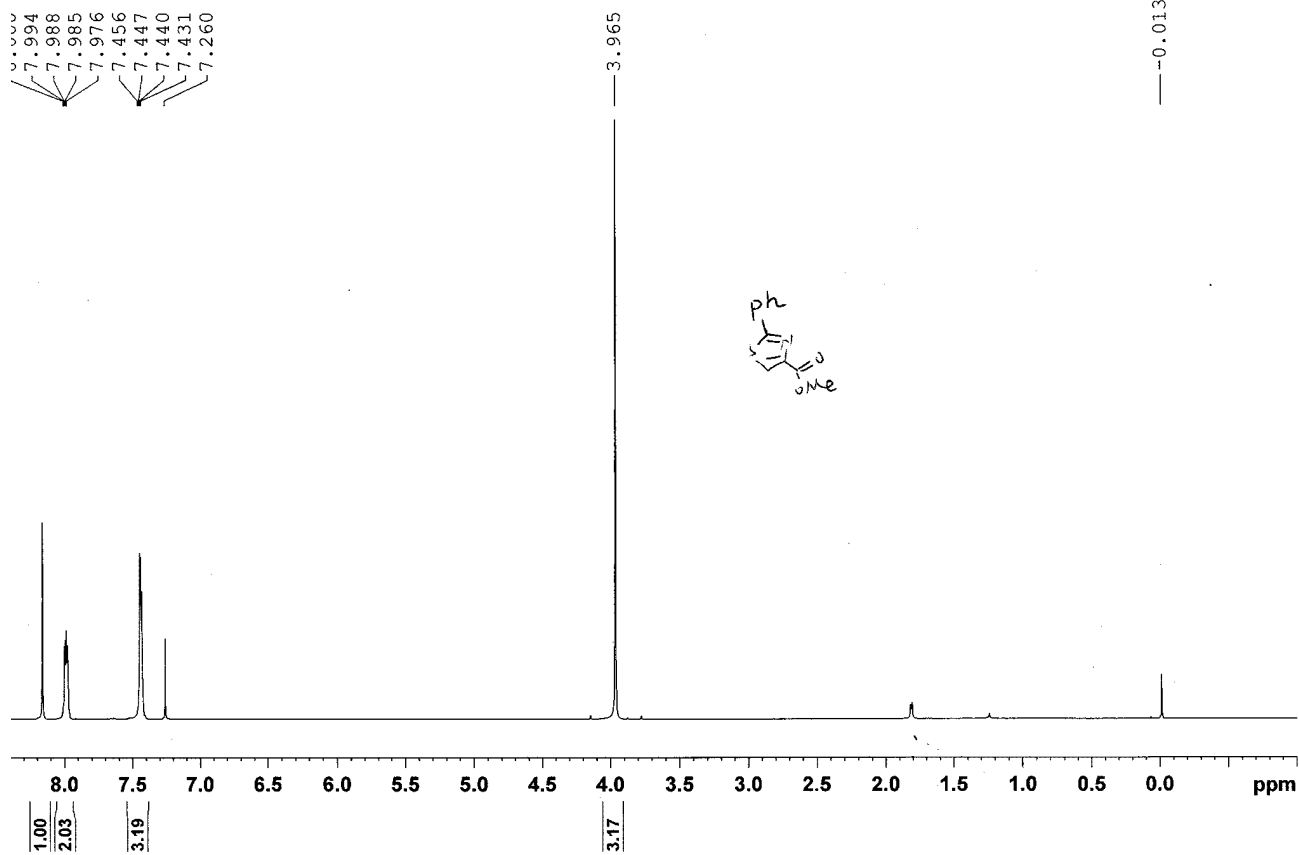
Chirality analysis for an authentic sample by mixing of **10j** and its enantiomer

# Copies of NMR Spectra

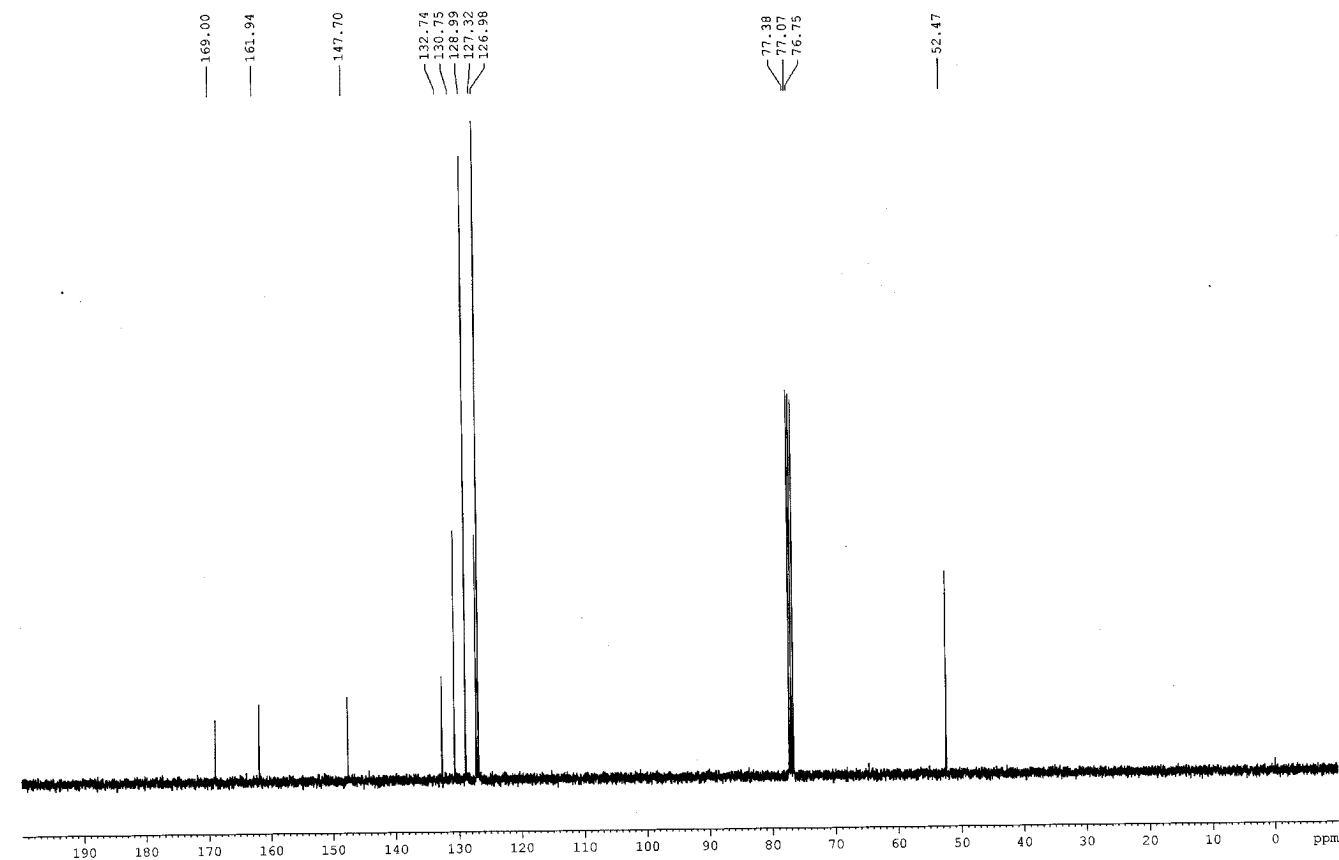


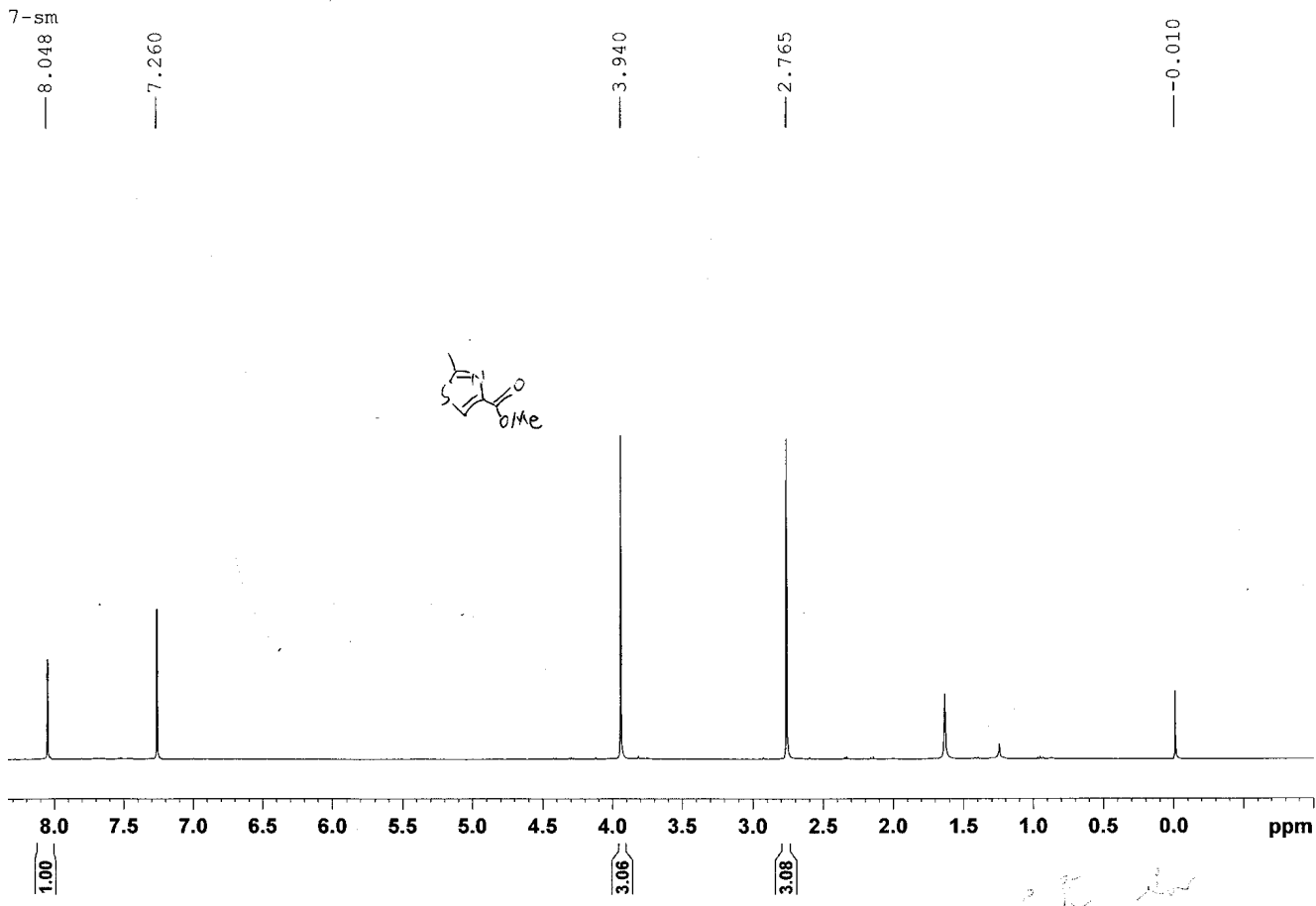
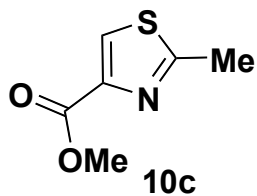


07-061-001

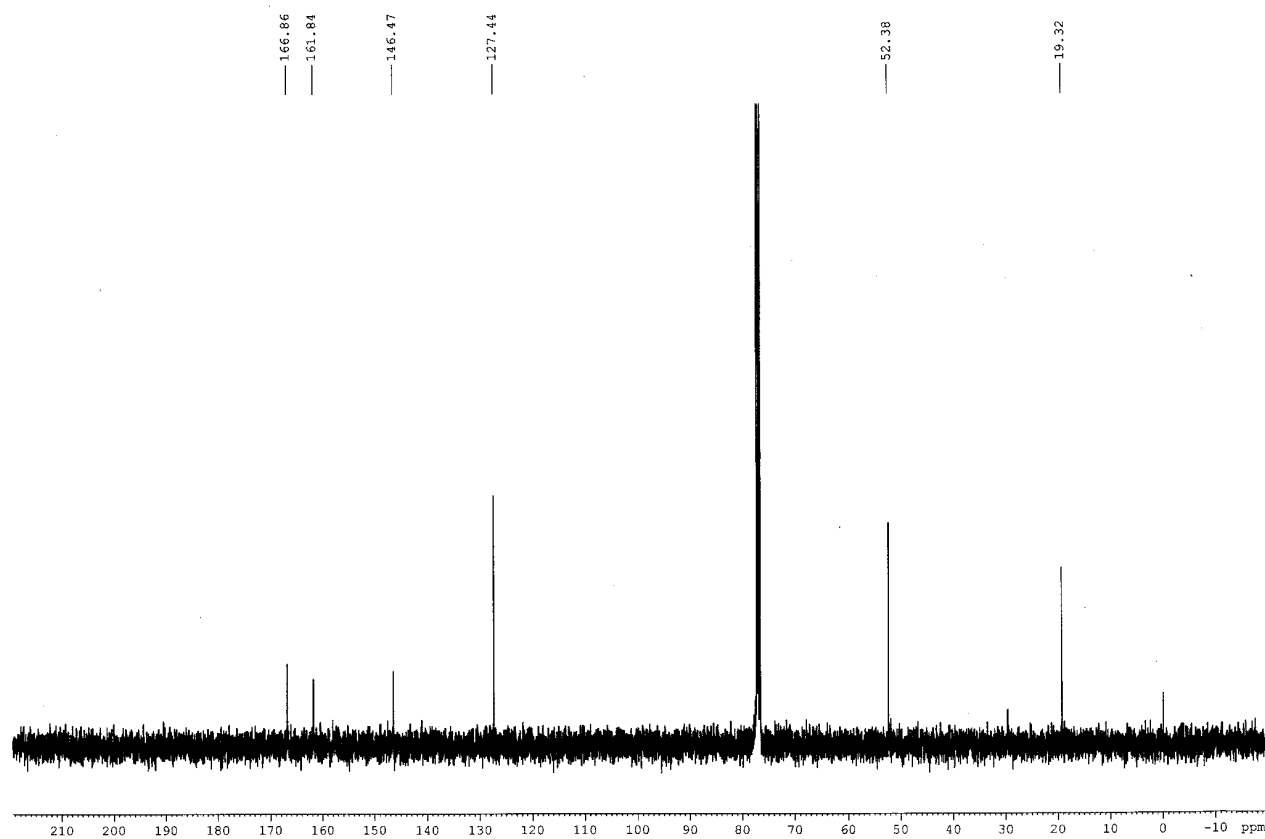


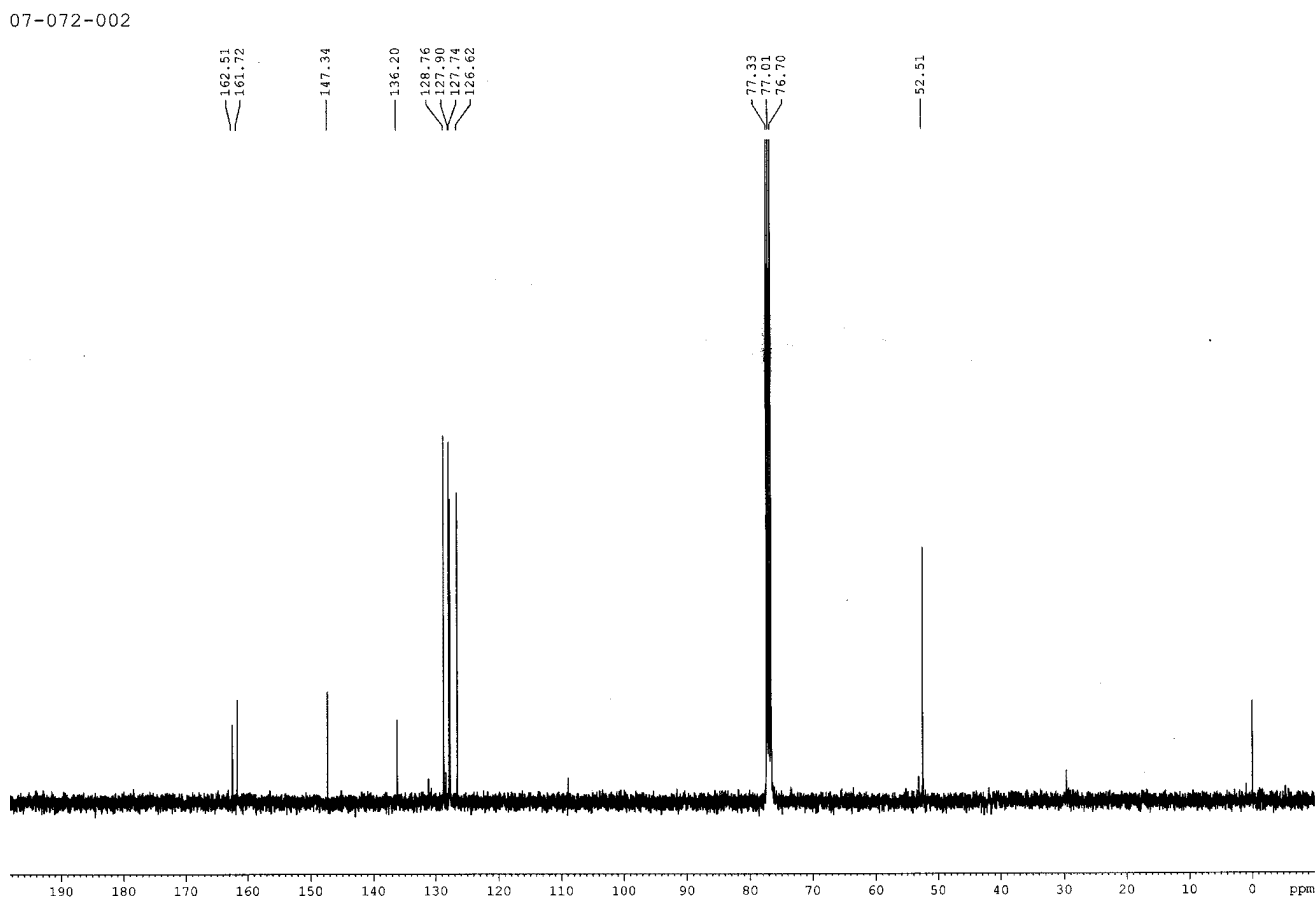
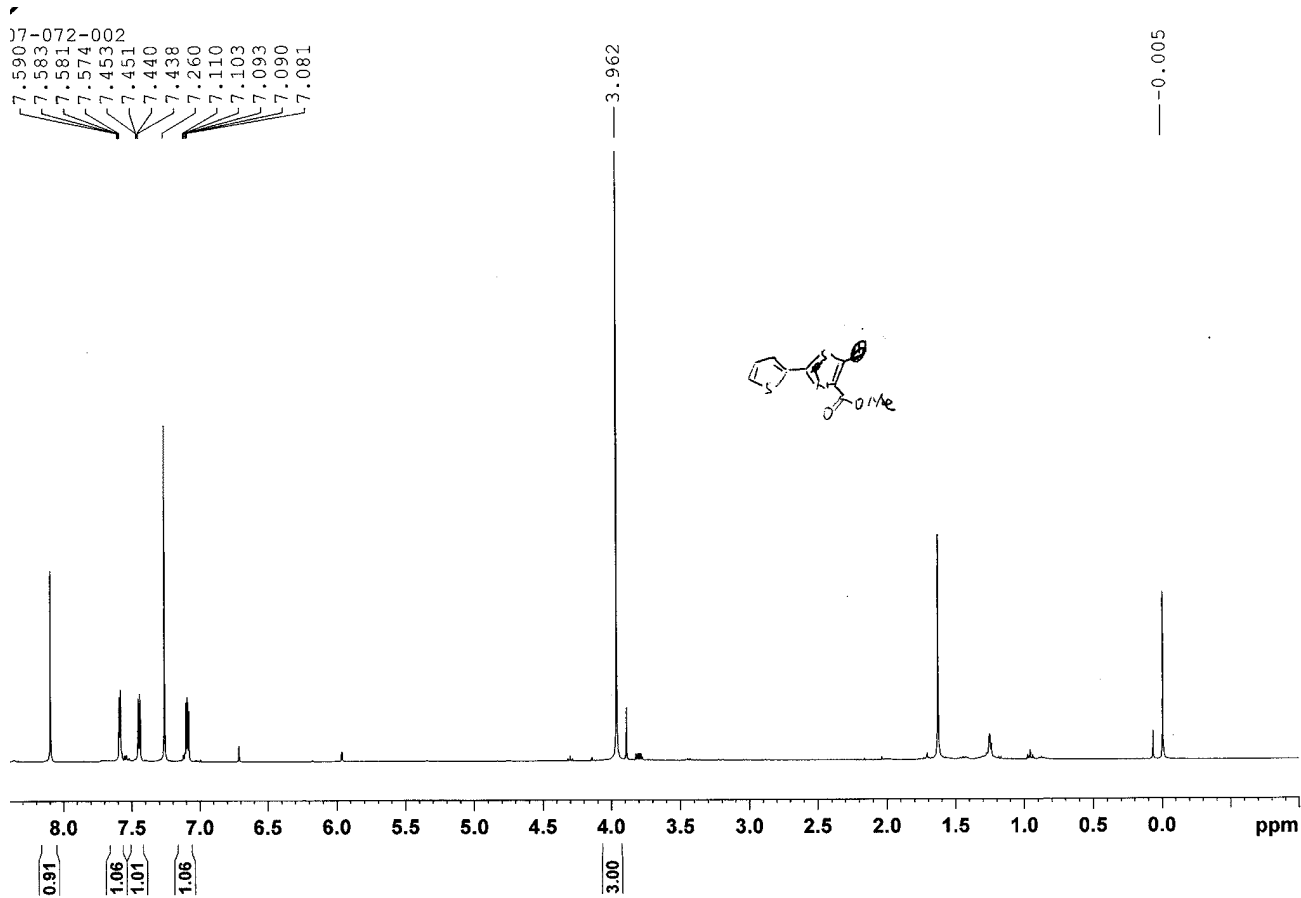
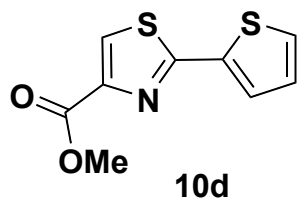
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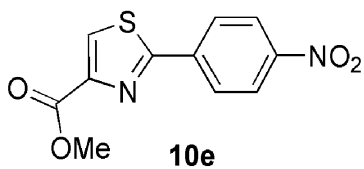




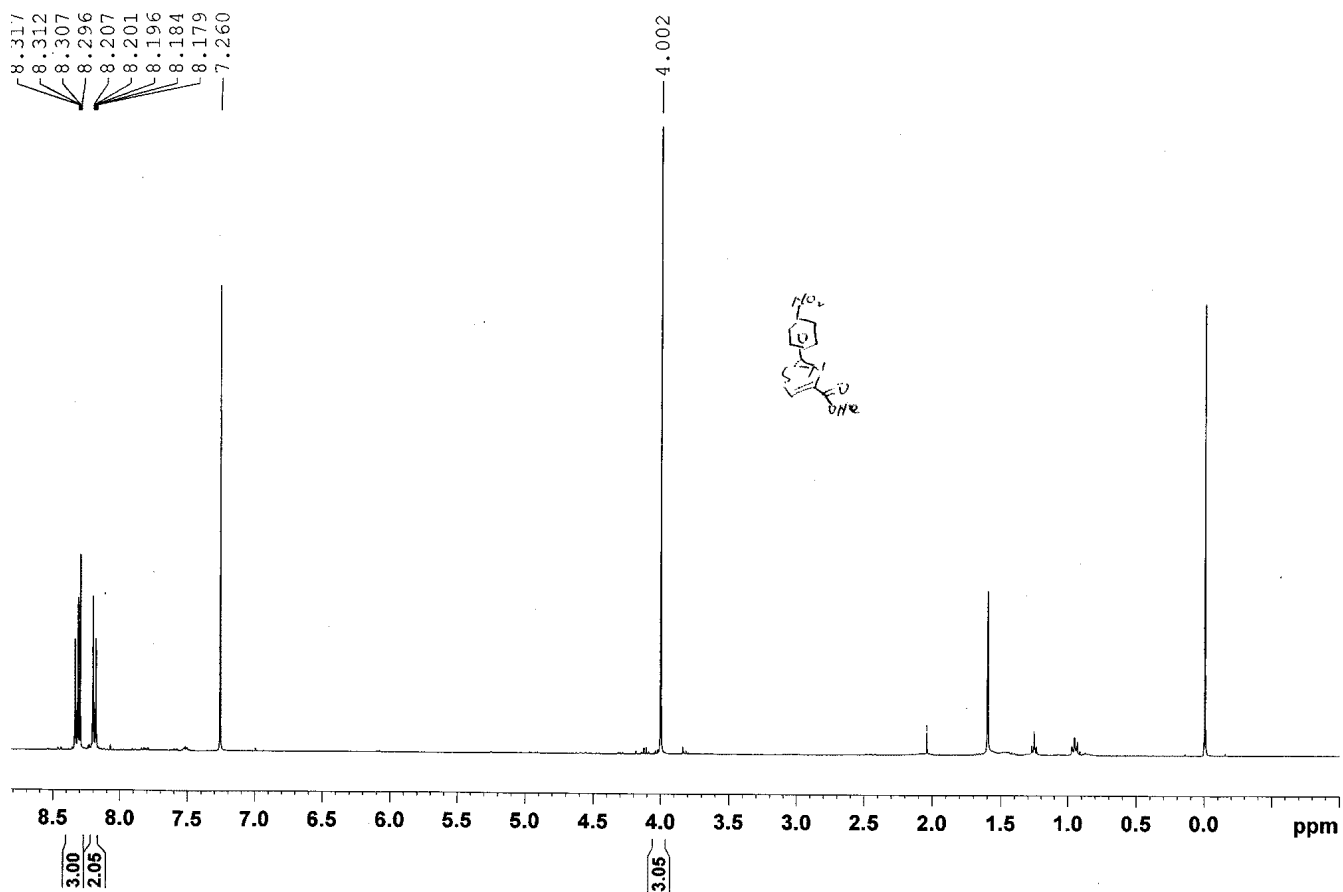
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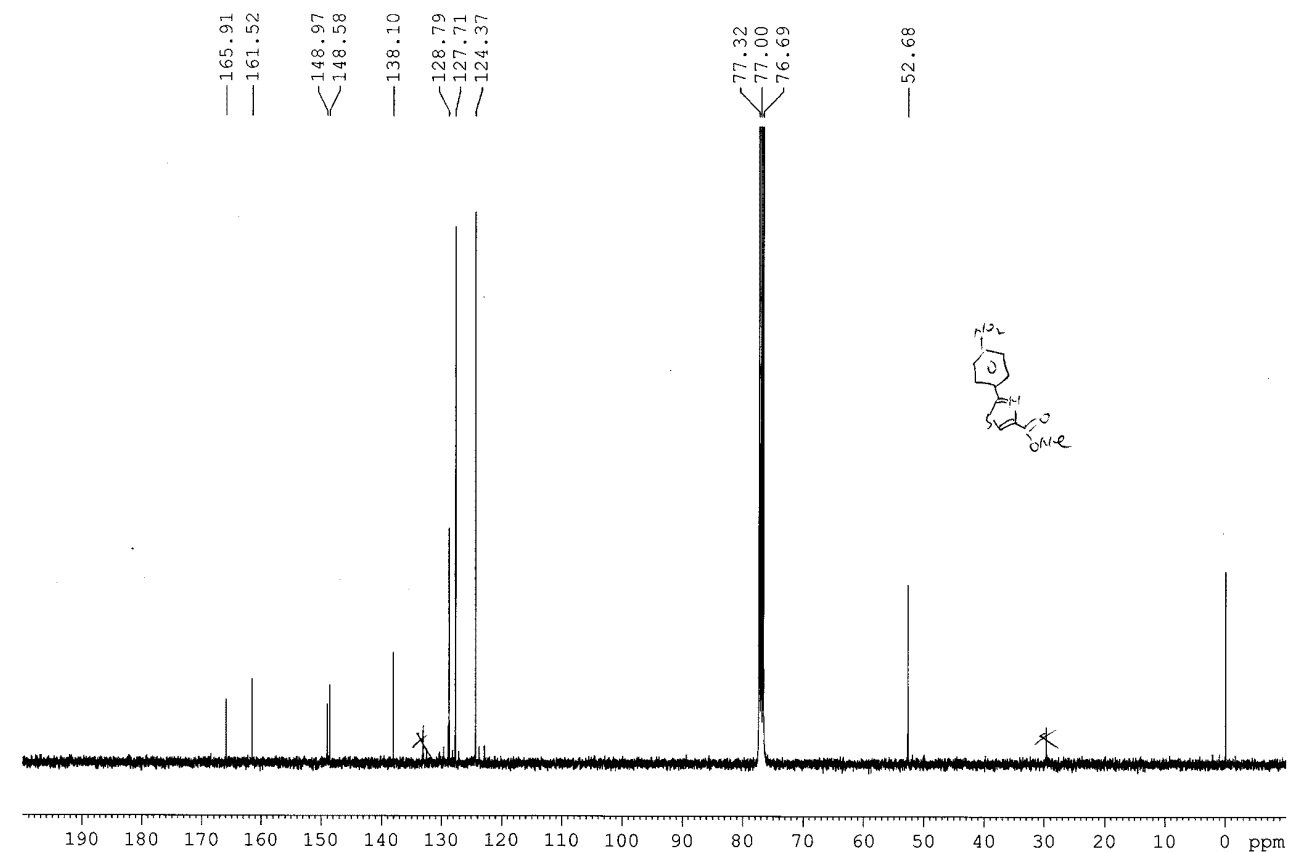


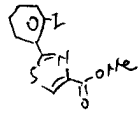
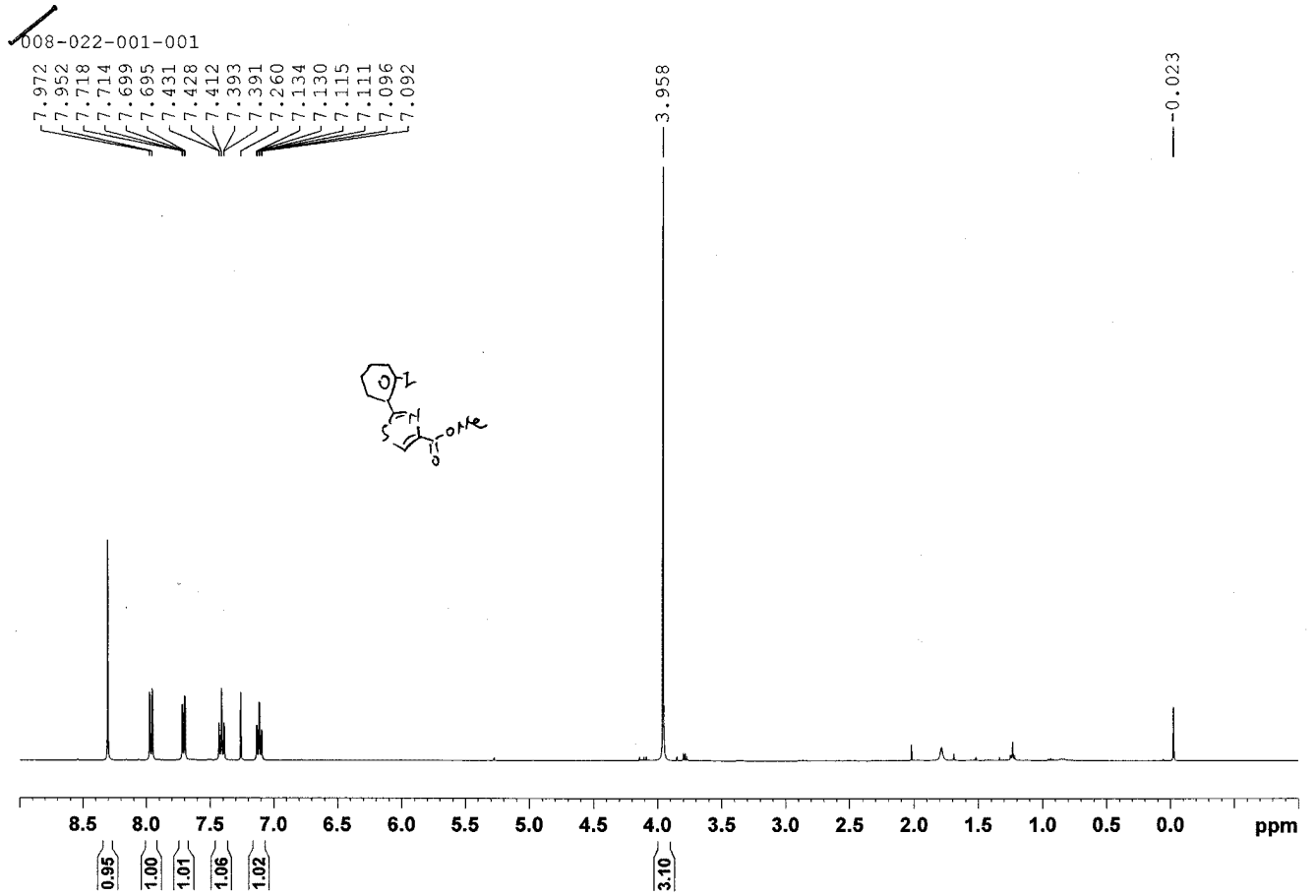
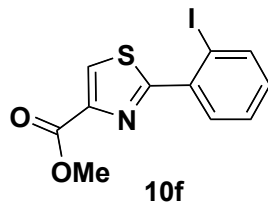


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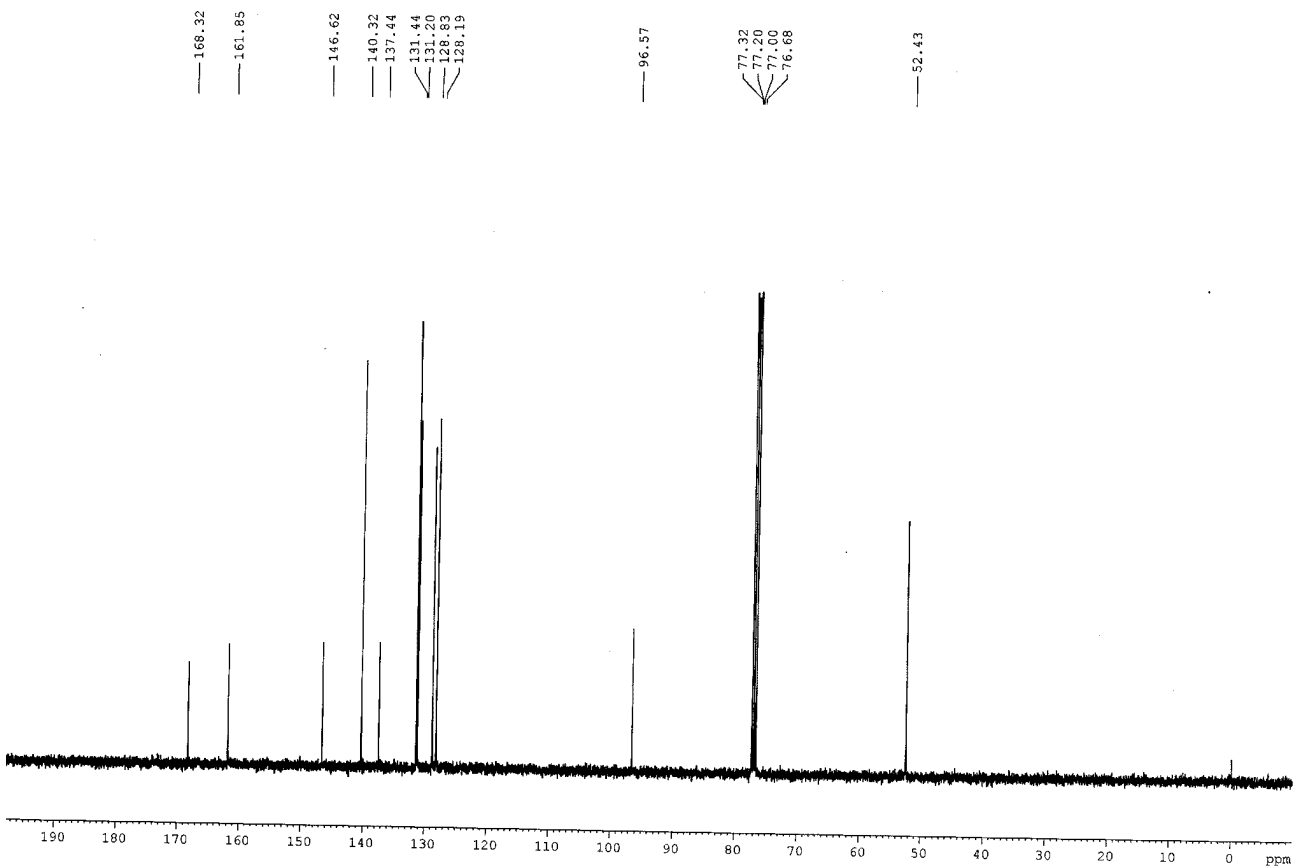


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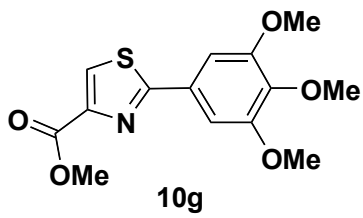




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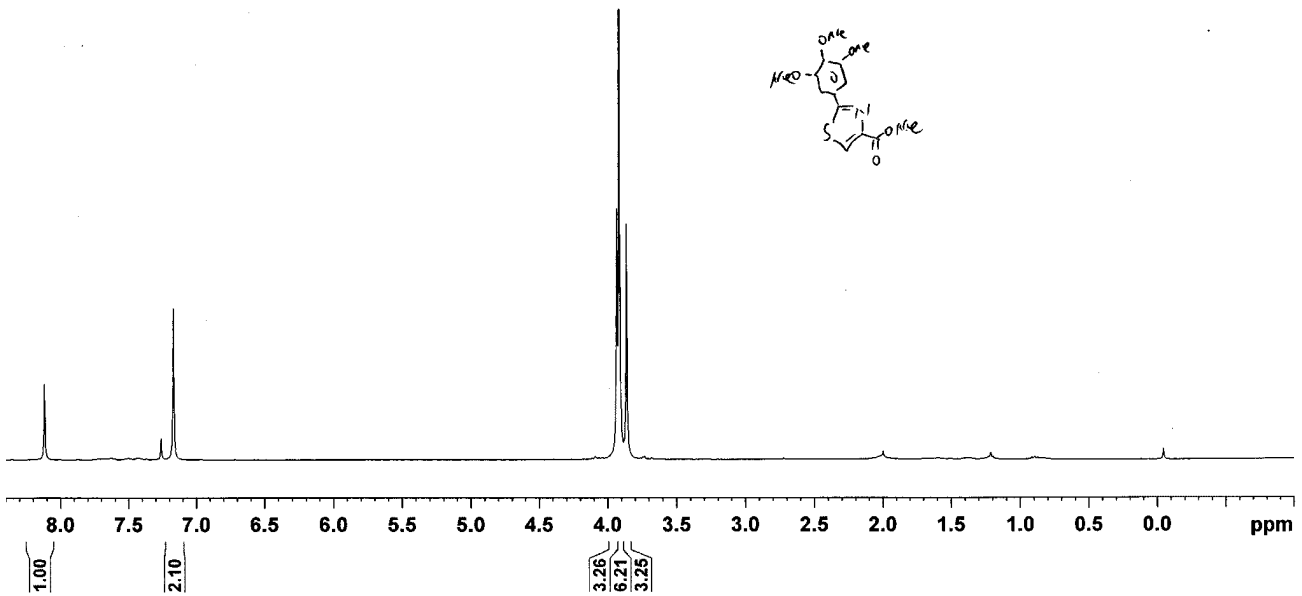
38-029-001

8.117

7.260  
7.170

3.933  
3.914  
3.862

-0.044



108-029-001

168.82

161.84

153.56

147.49

140.42

128.21  
127.18

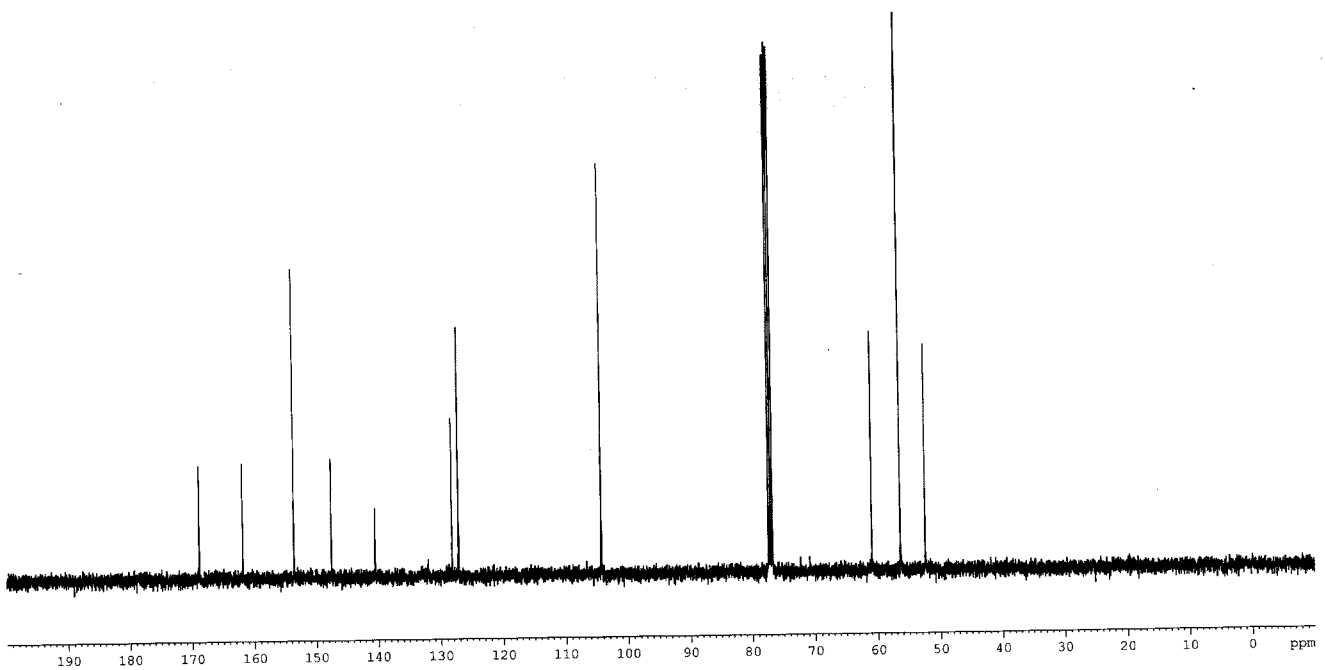
104.25

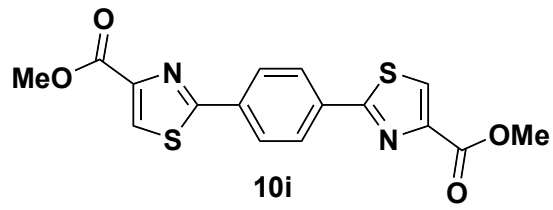
77.42  
77.10  
76.78

60.95

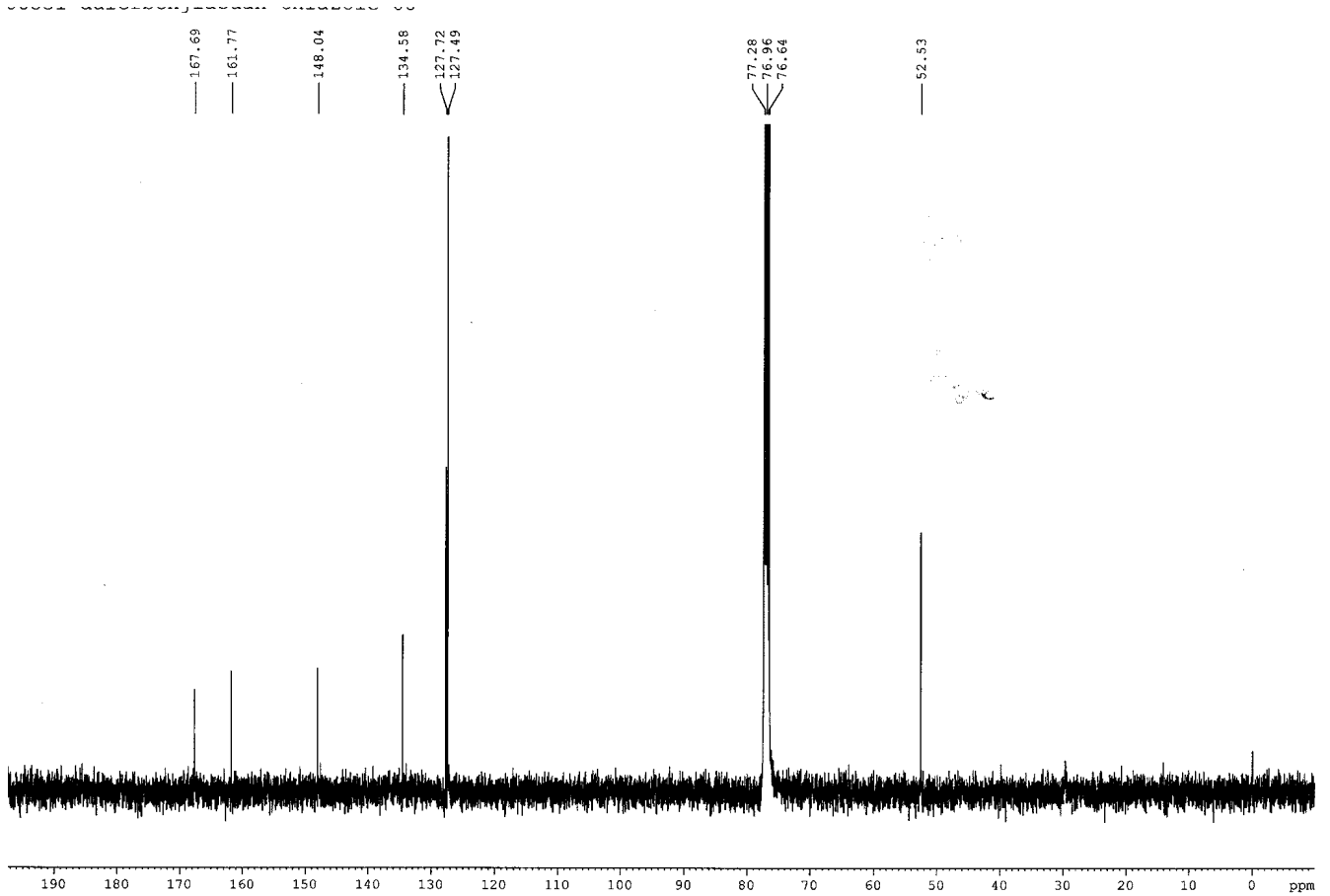
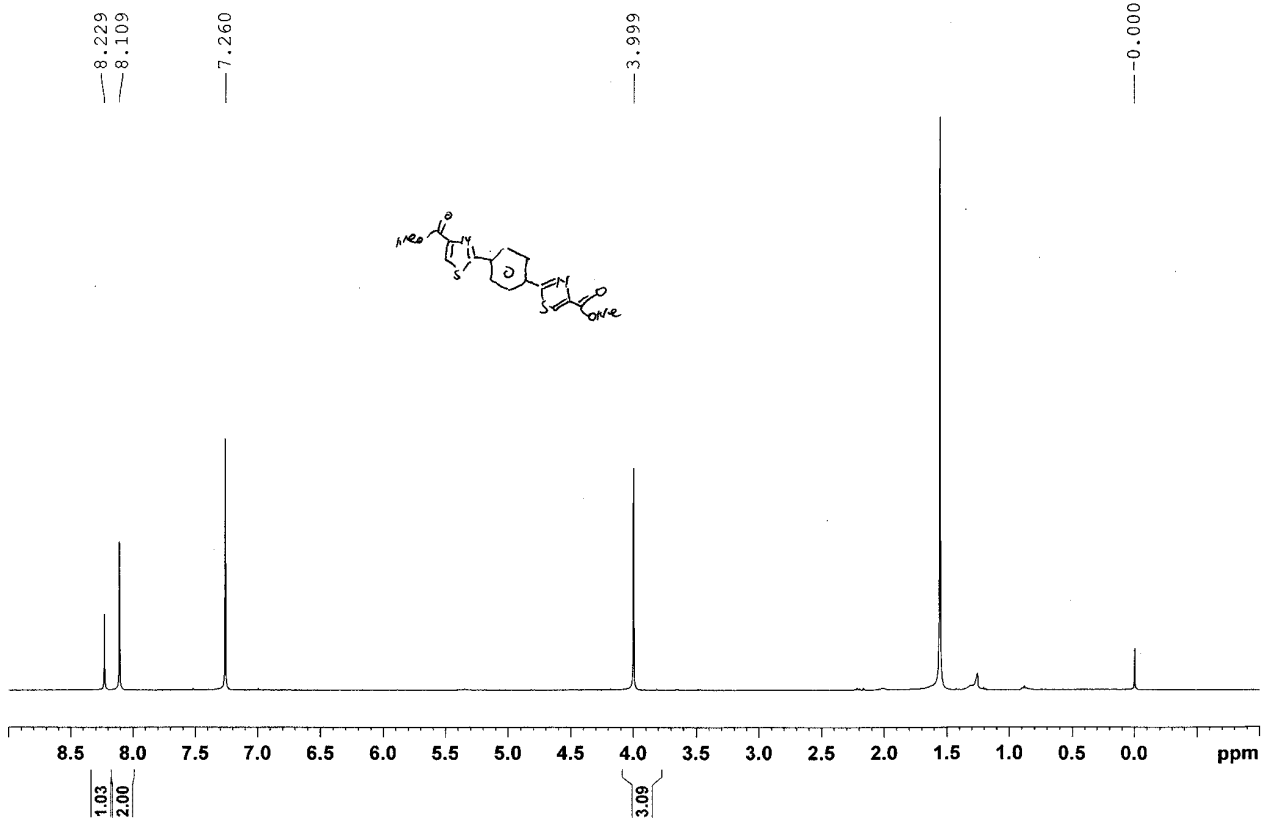
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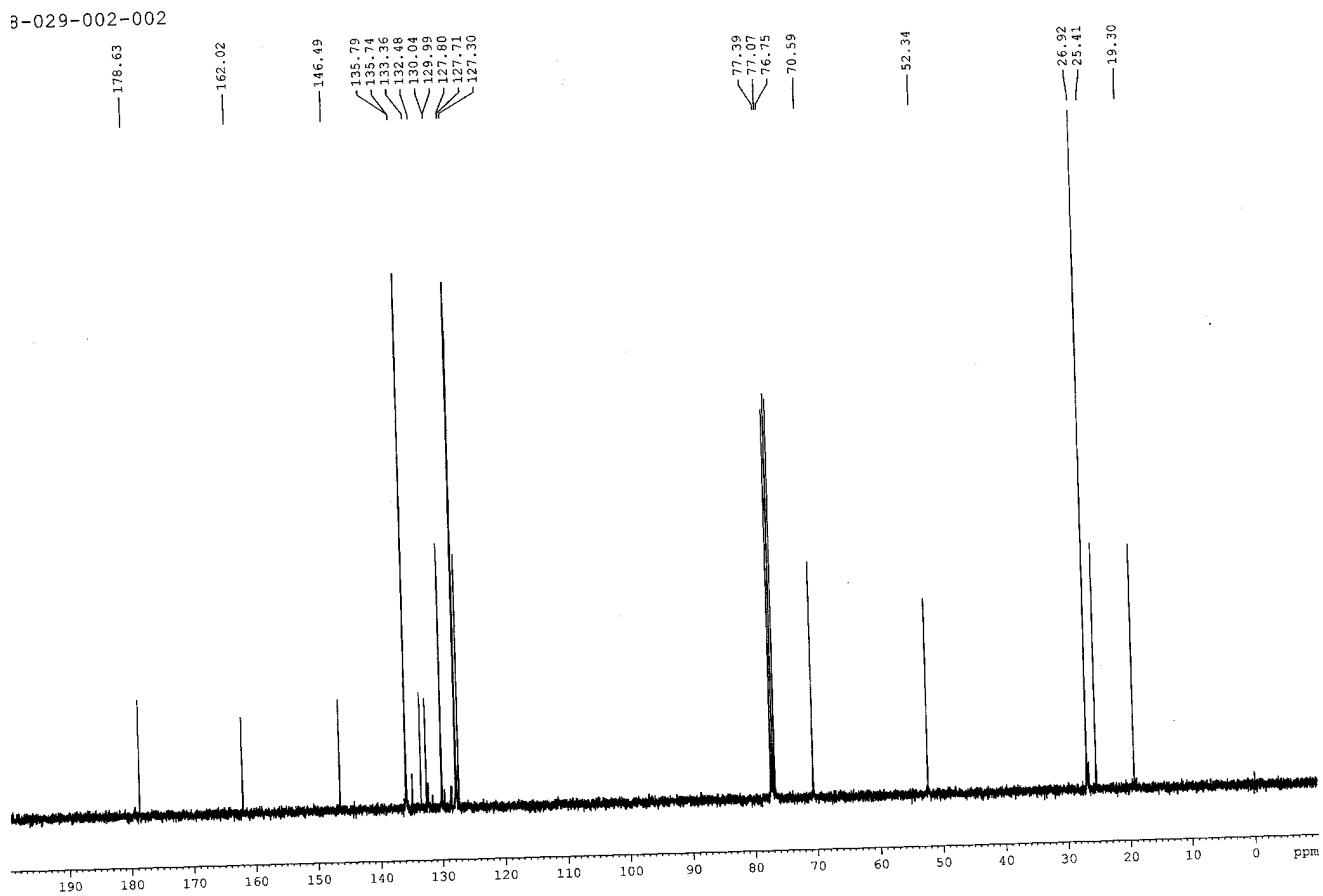
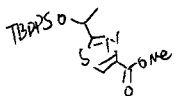
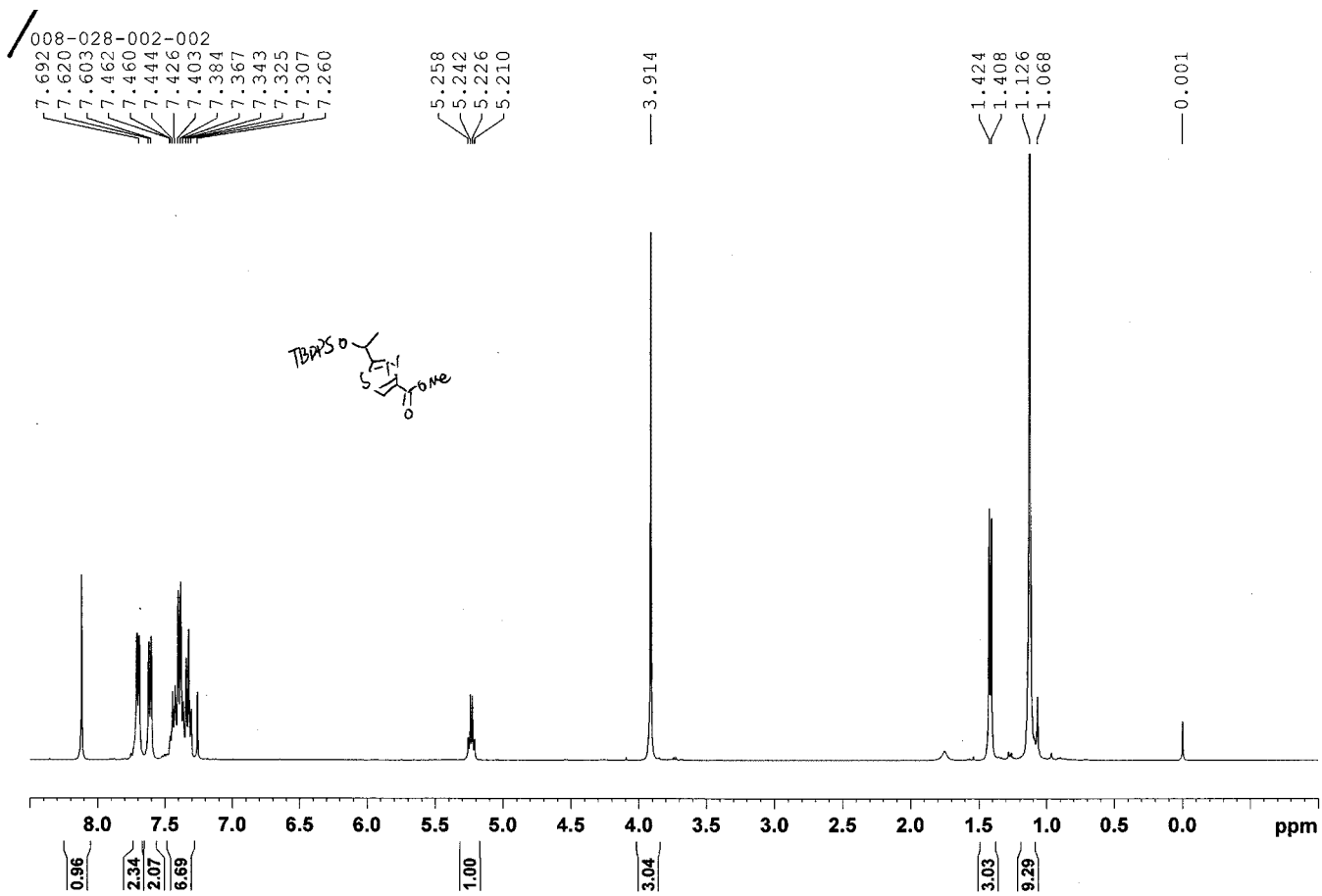
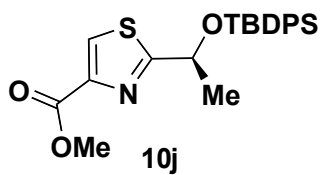
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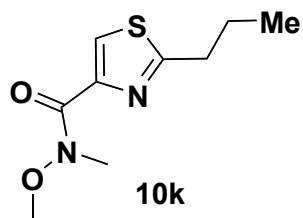




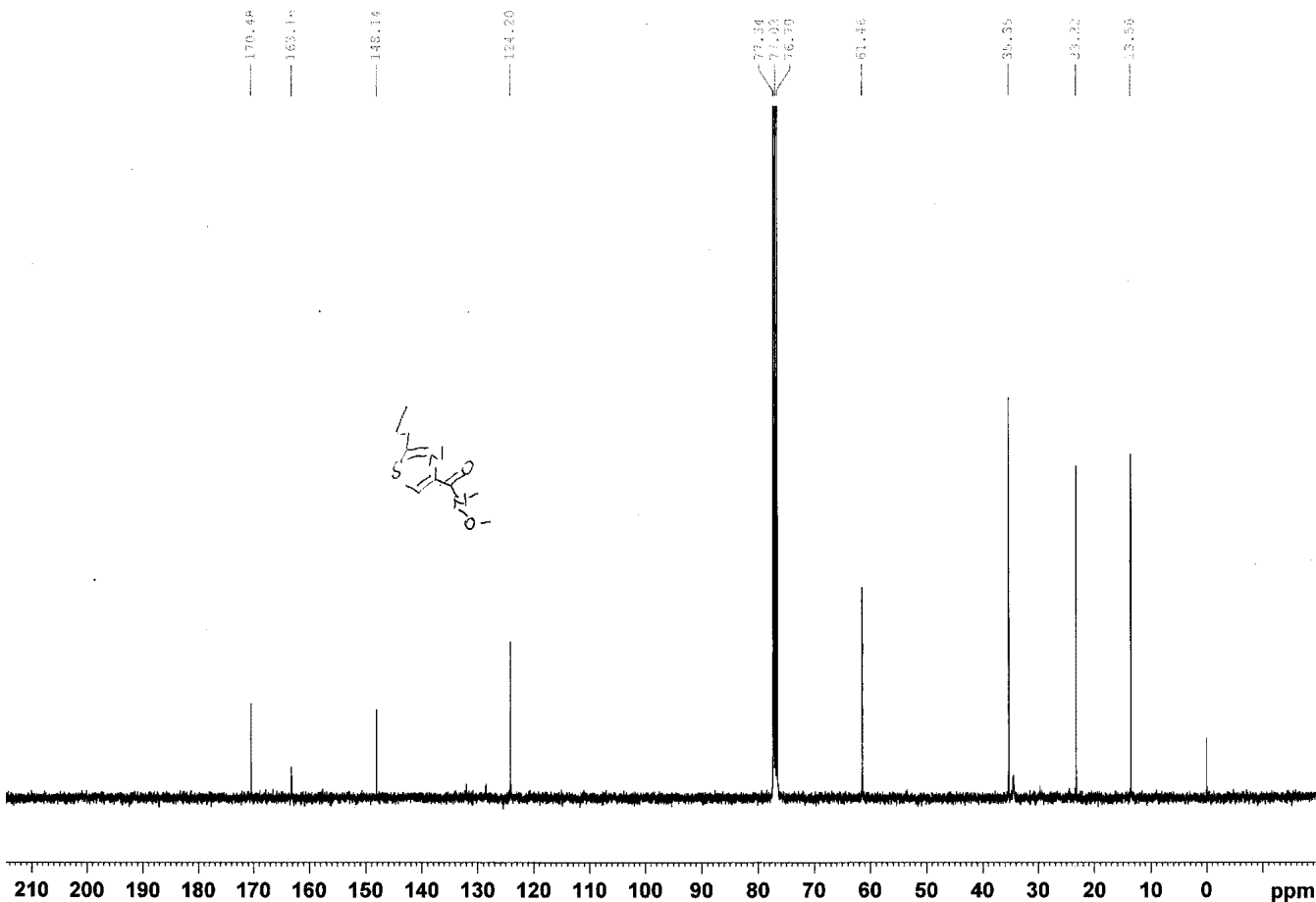
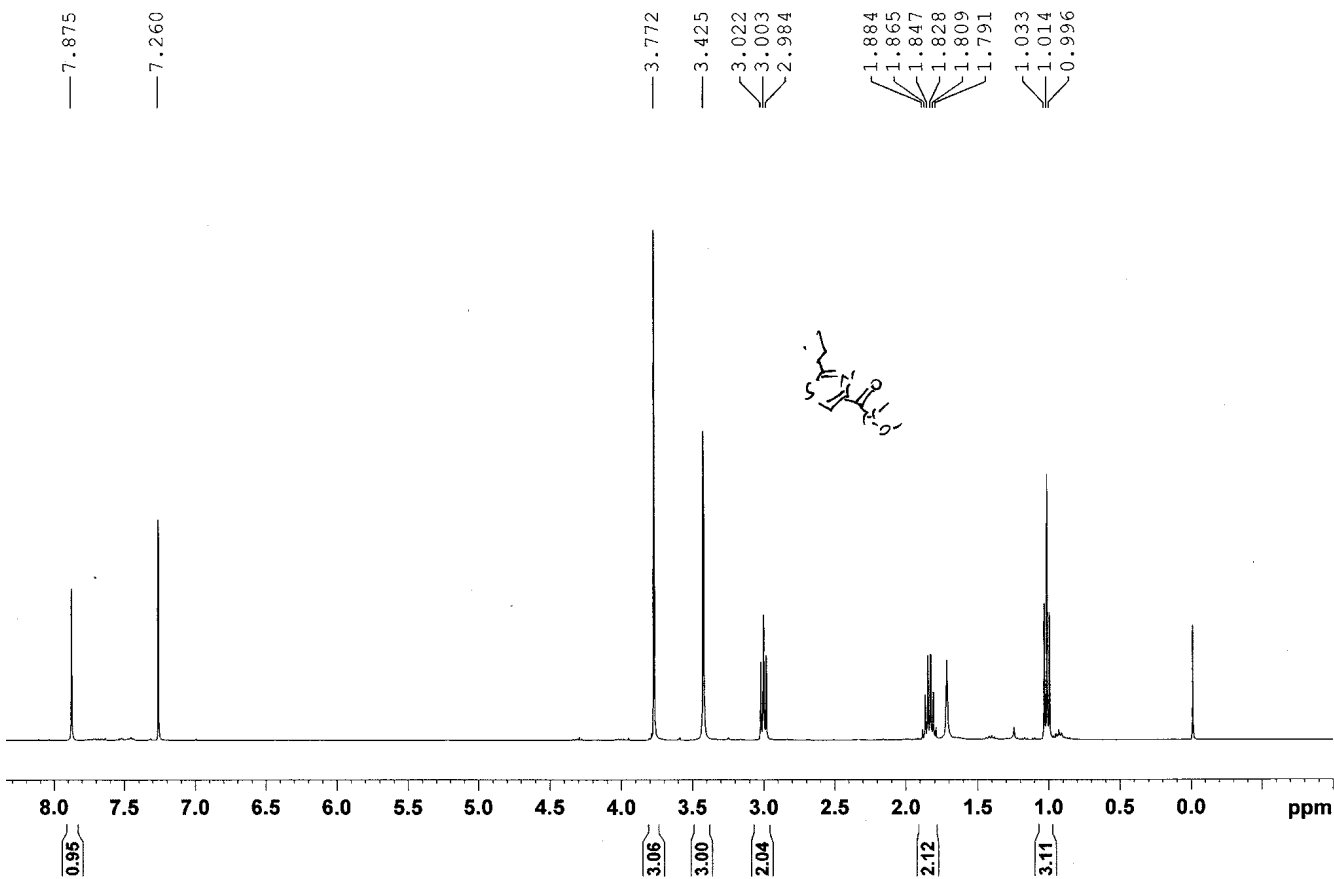
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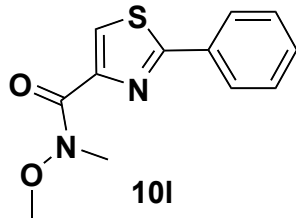




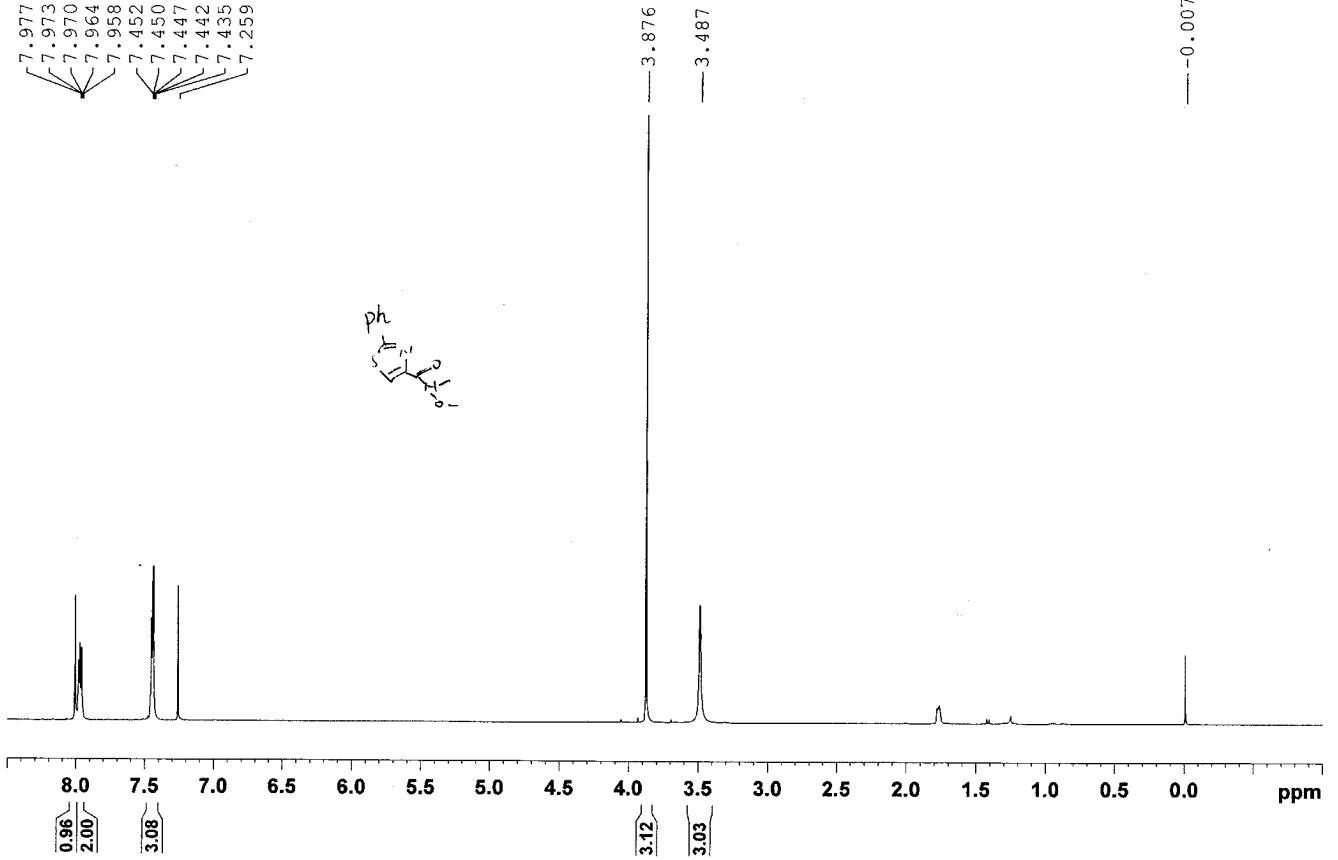


7-069-002-500000

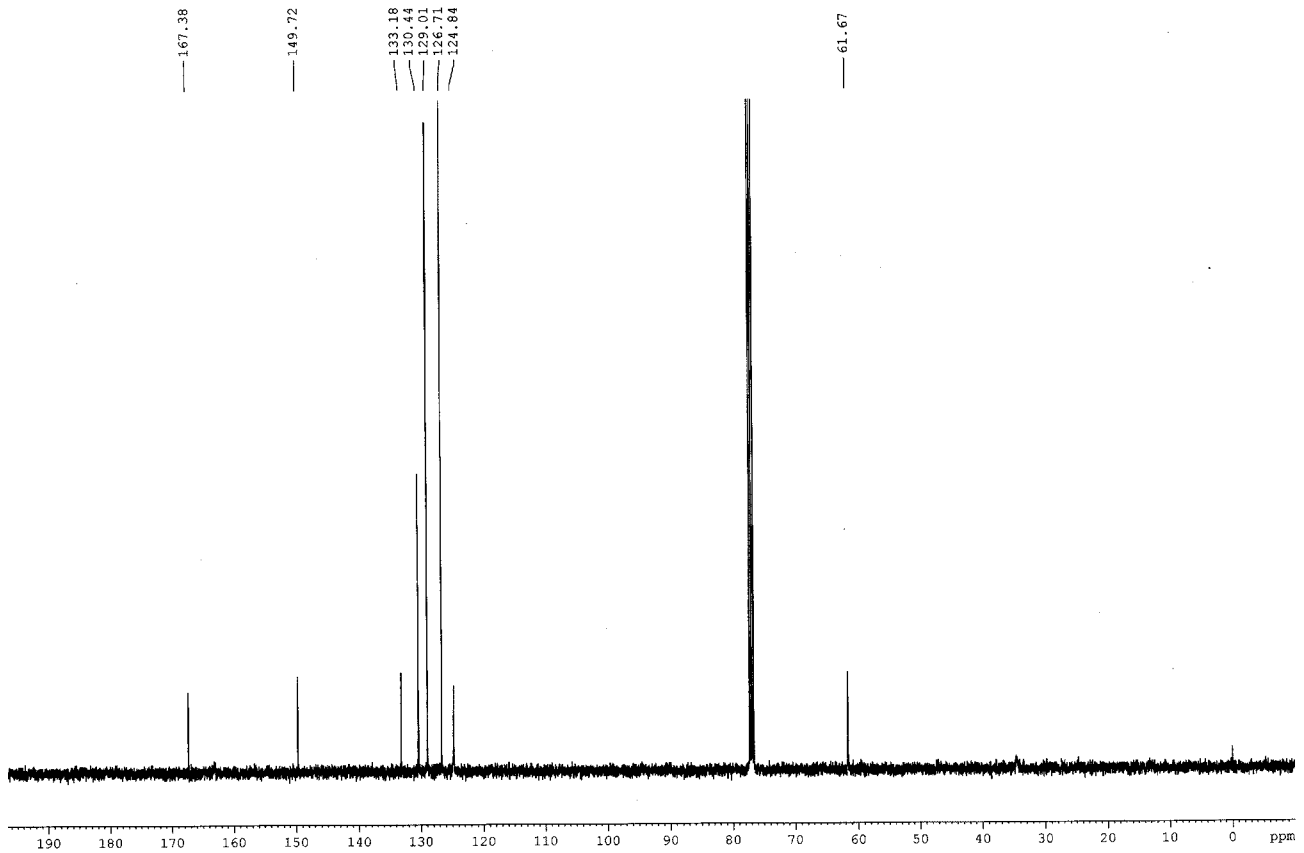


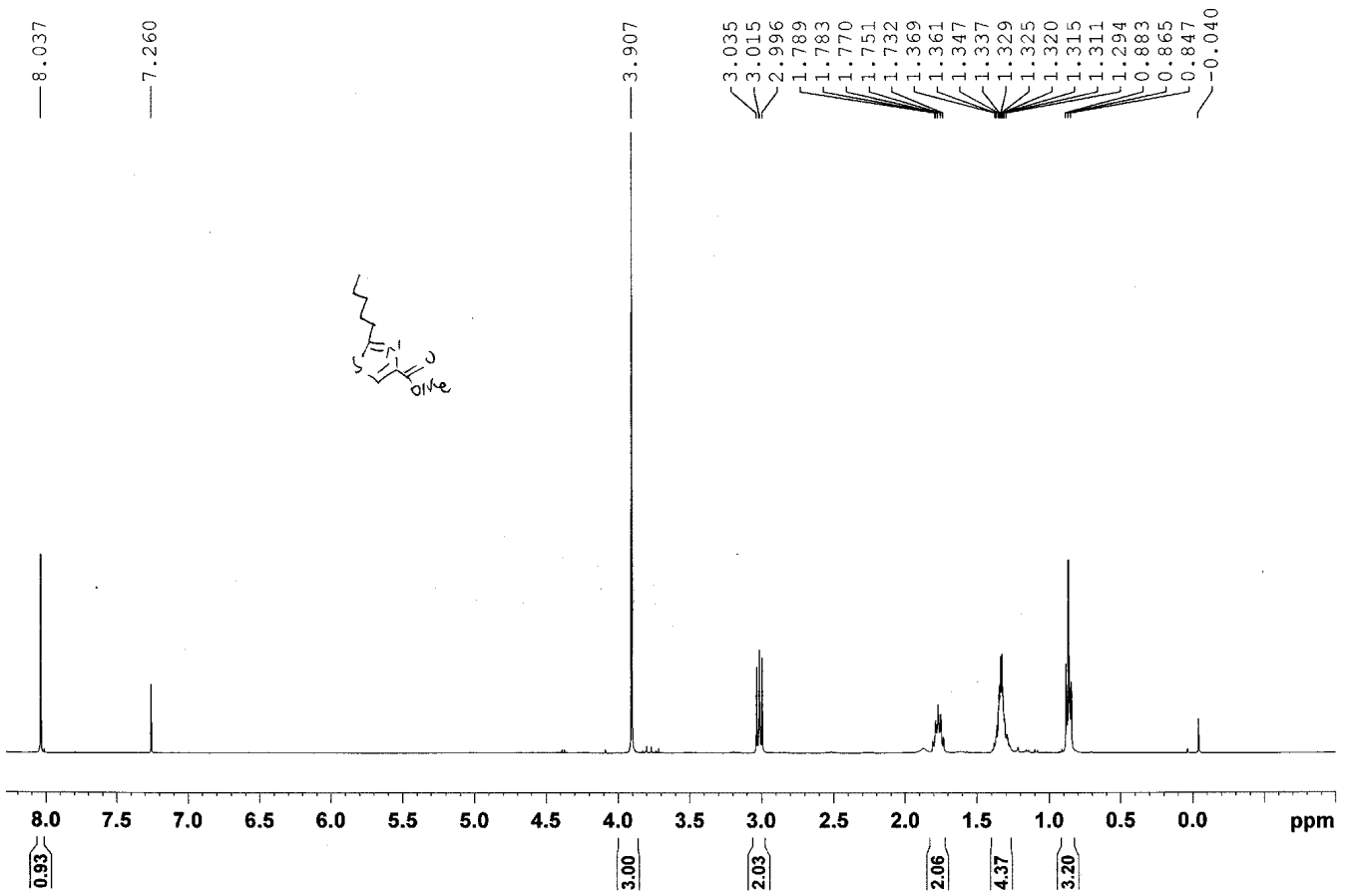
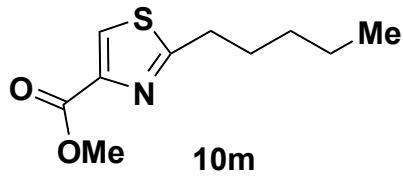


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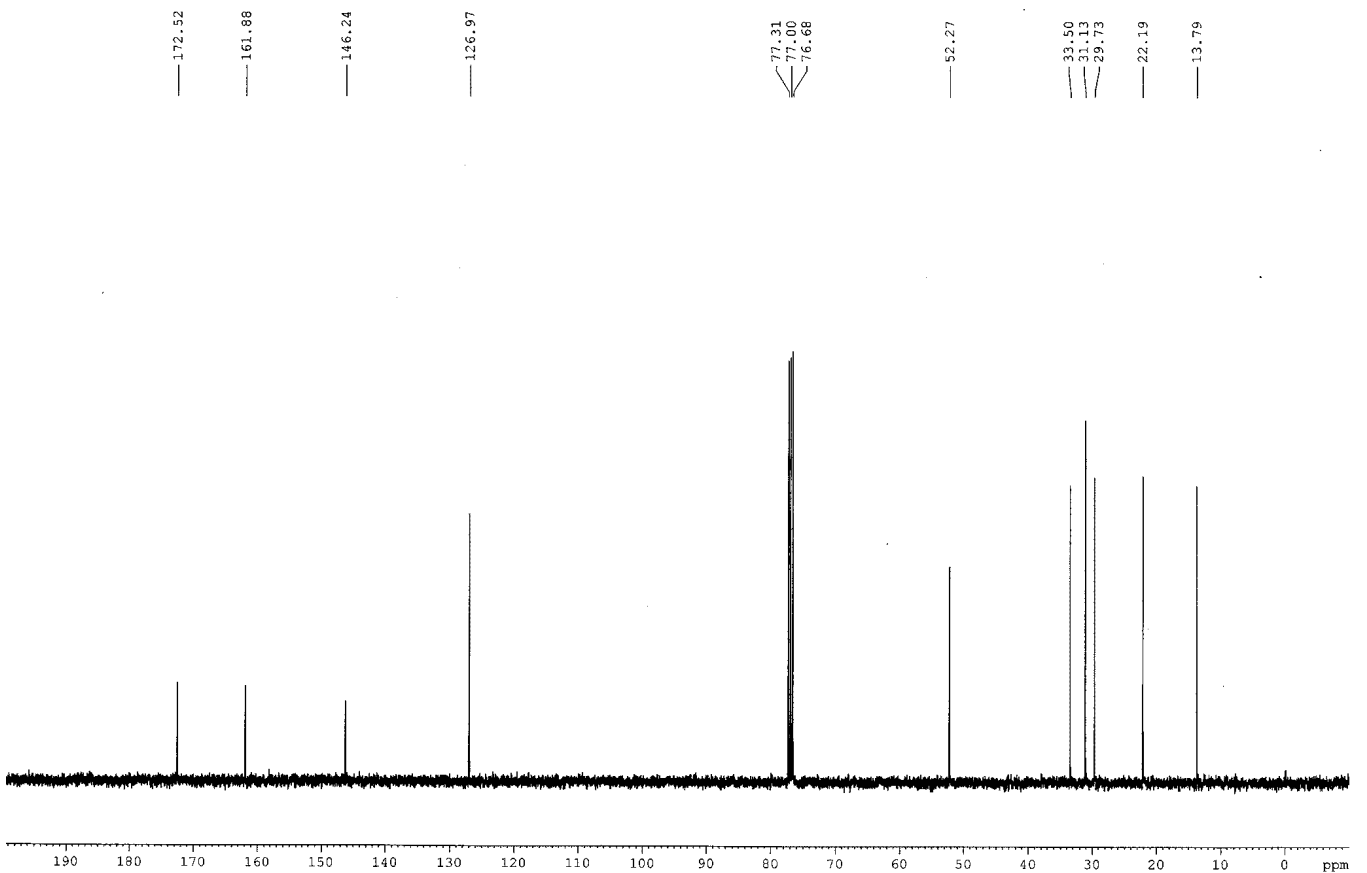


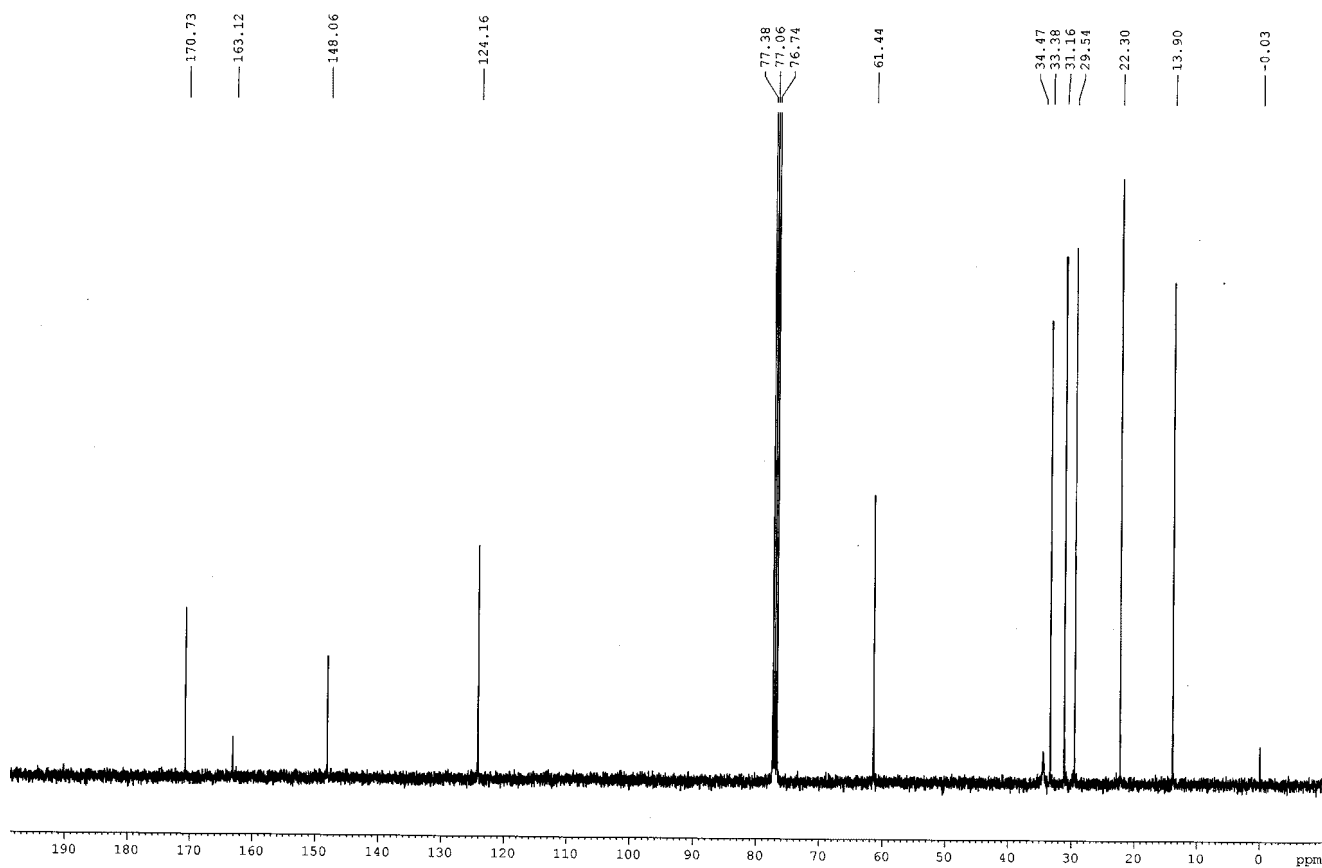
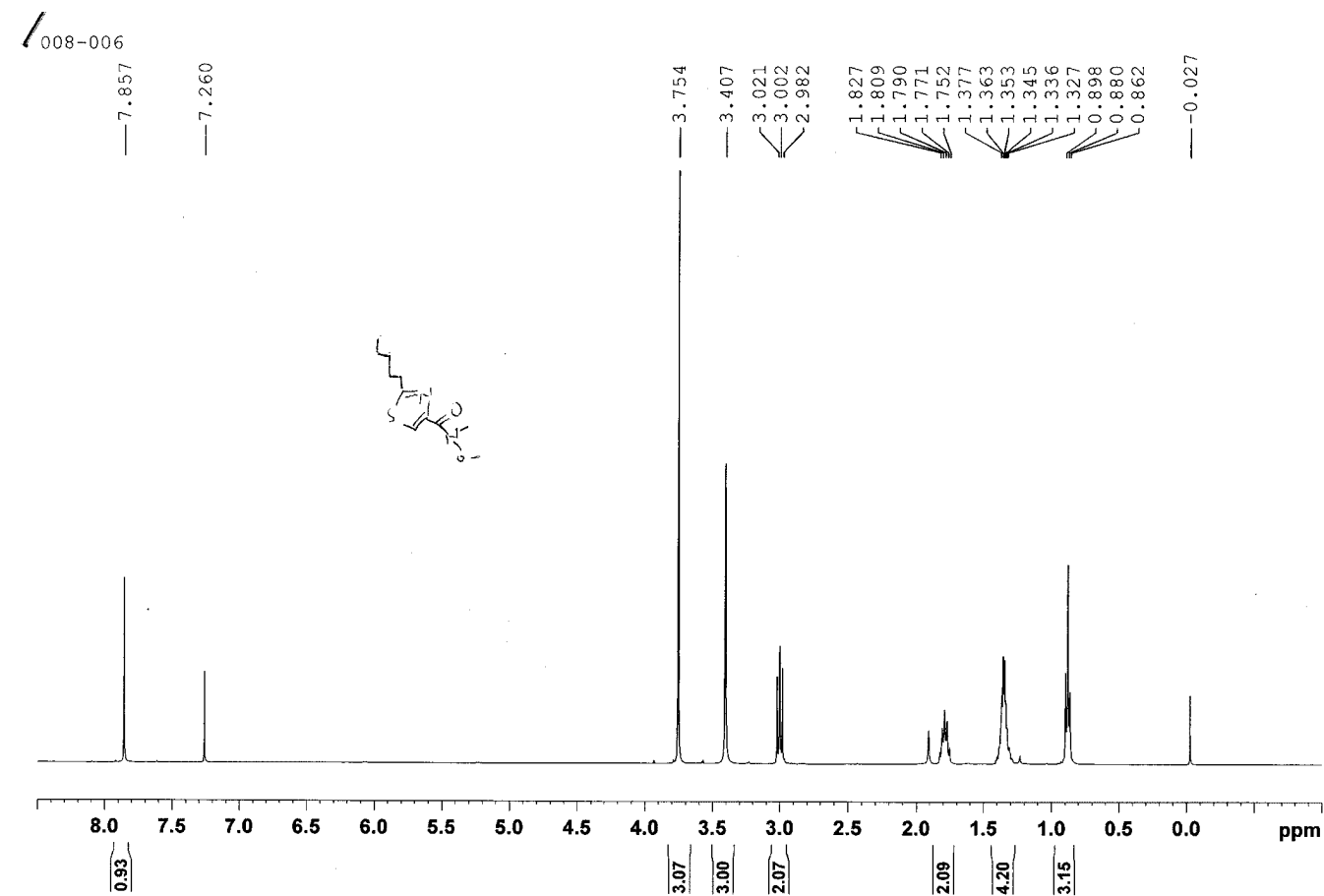
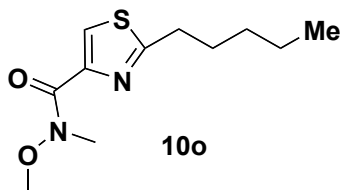
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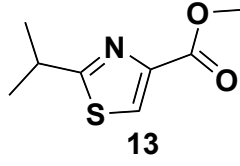




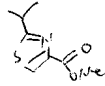
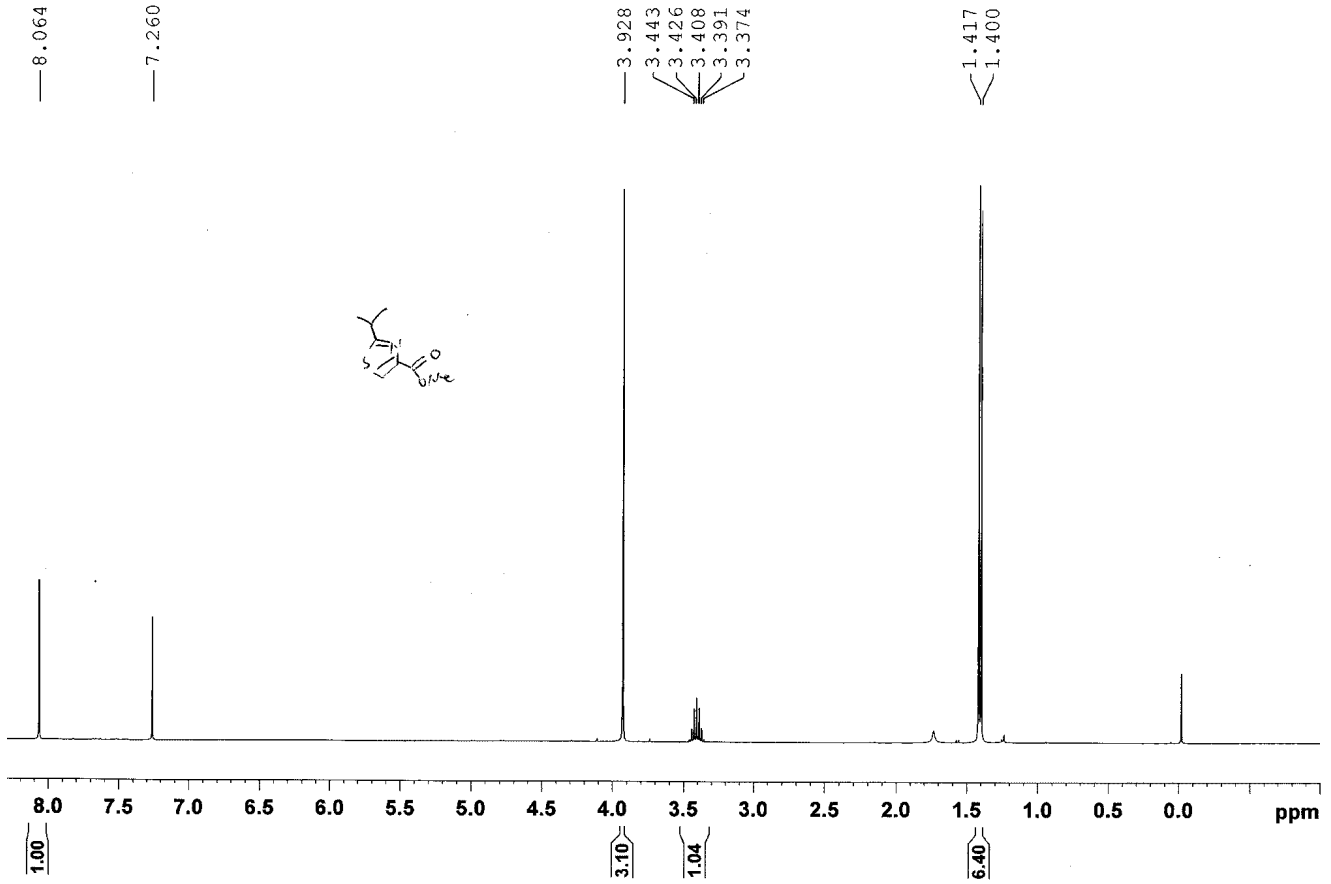
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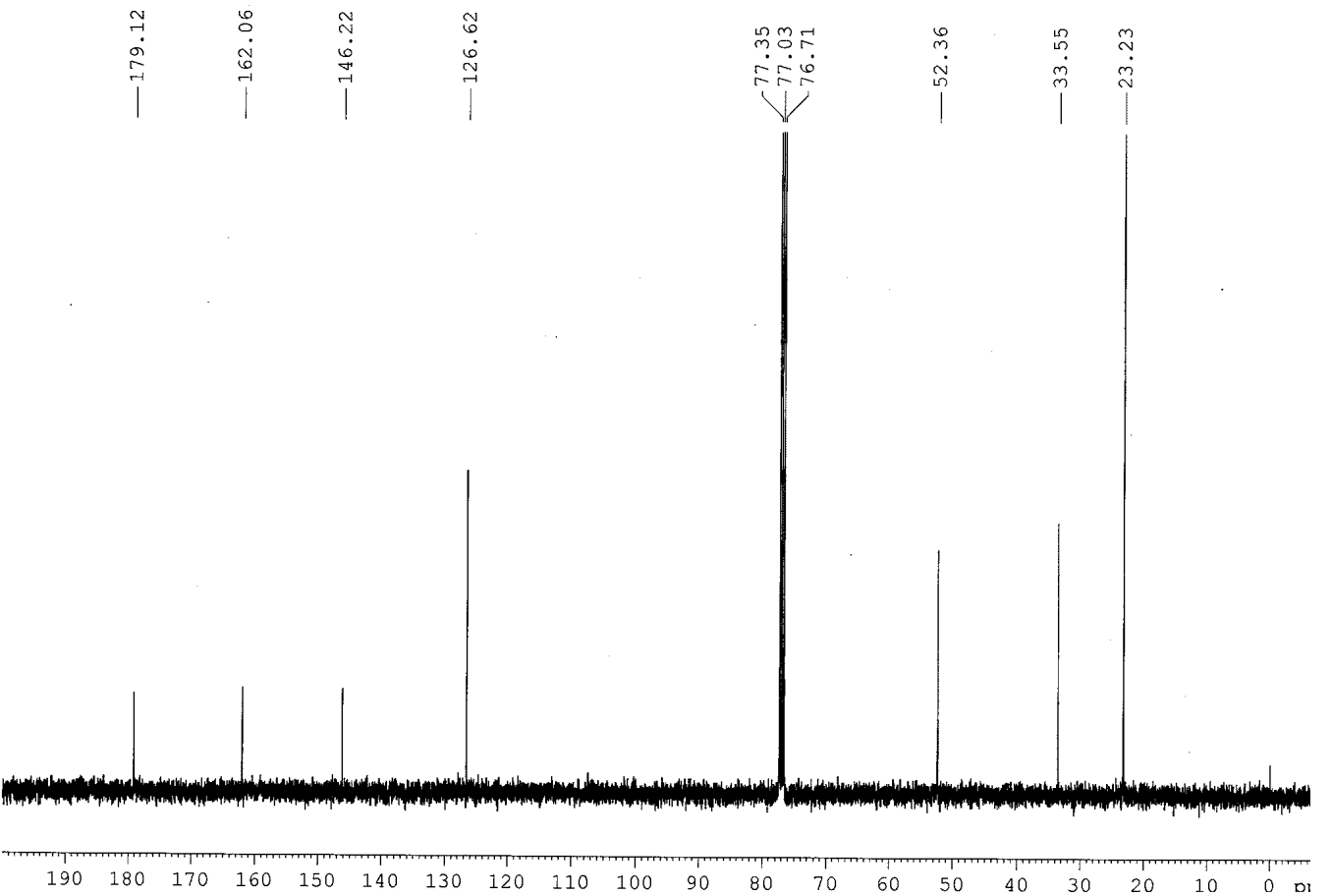




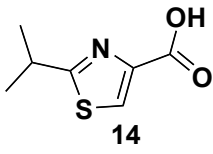
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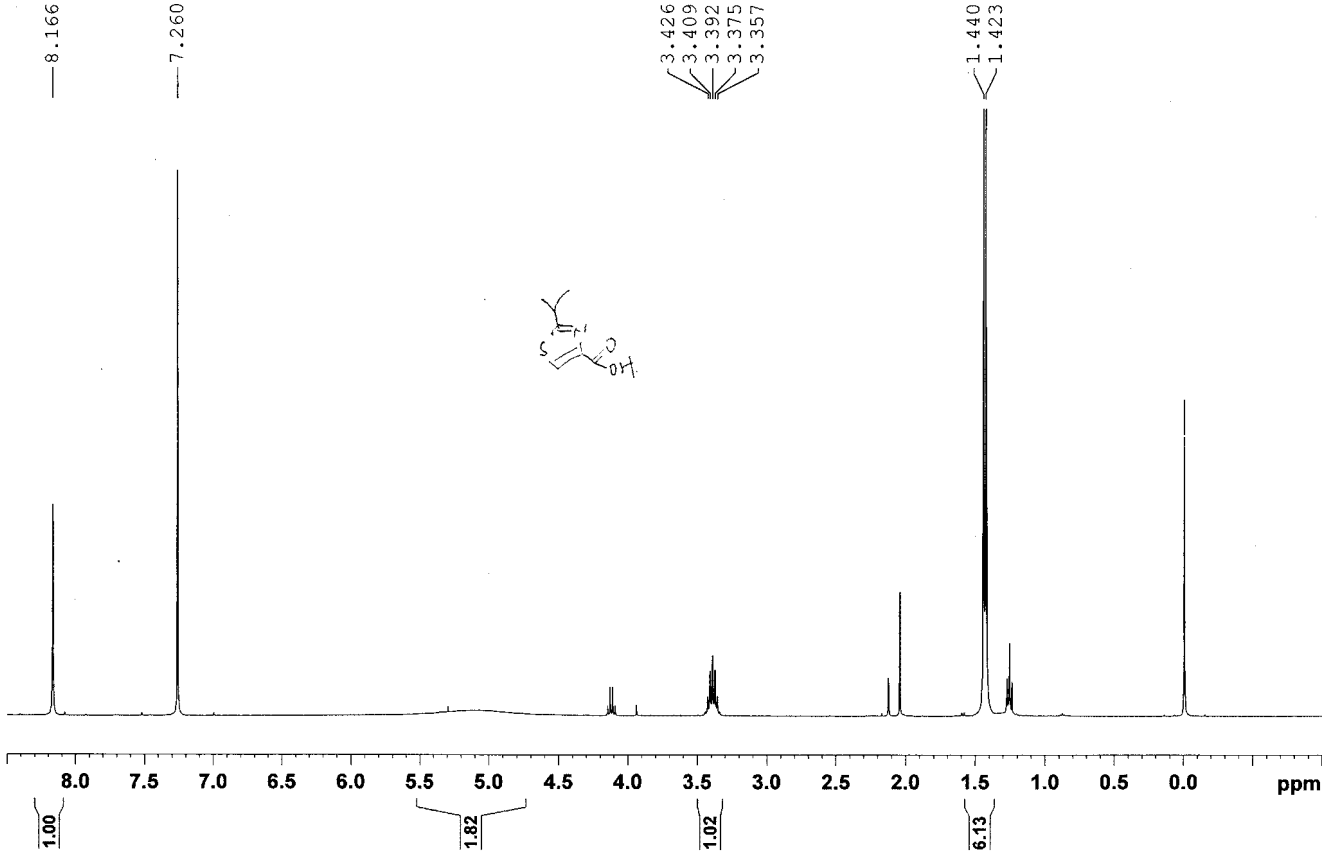
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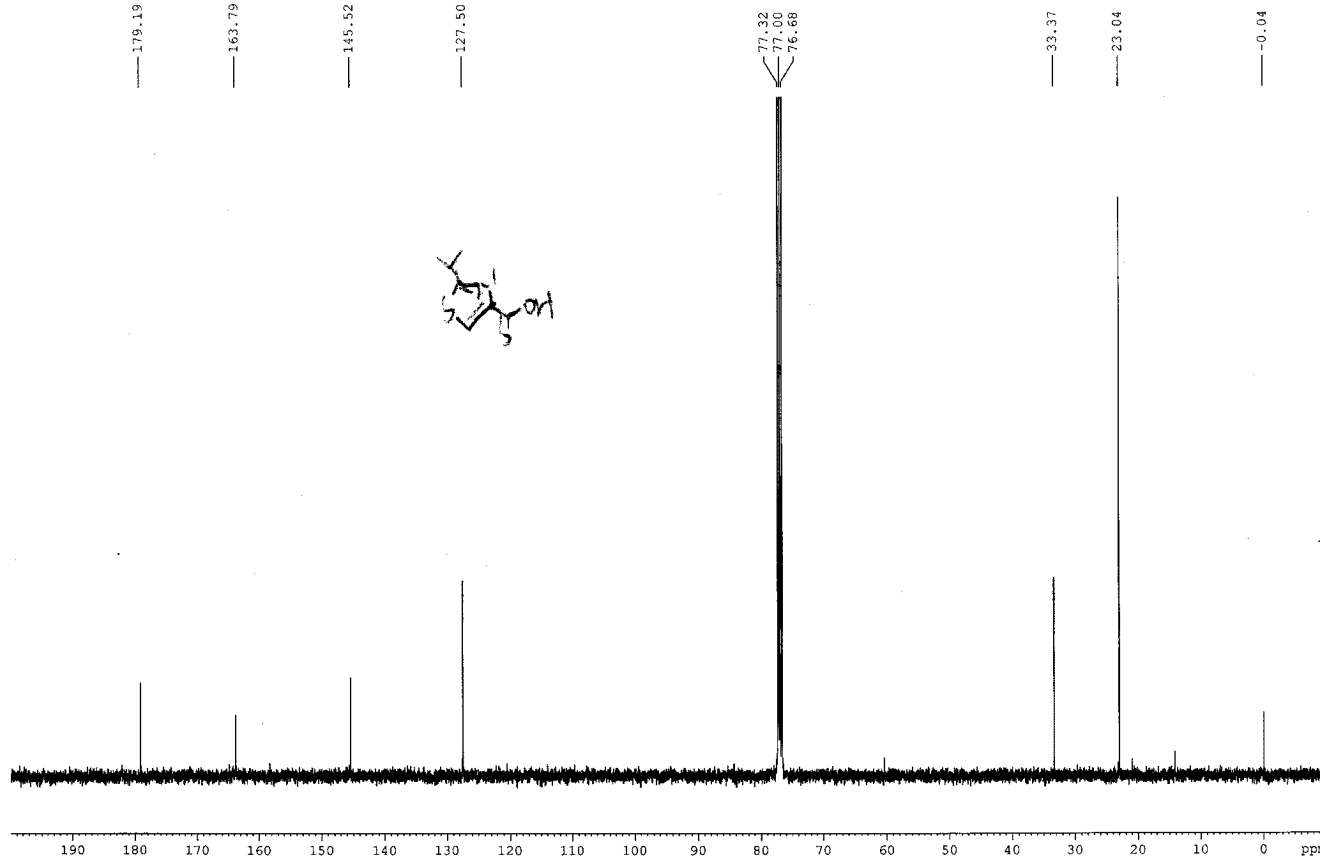


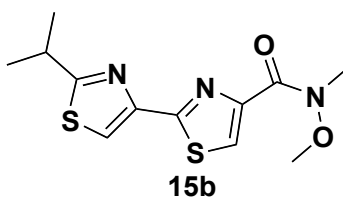


007-072-002-001



yielding acid





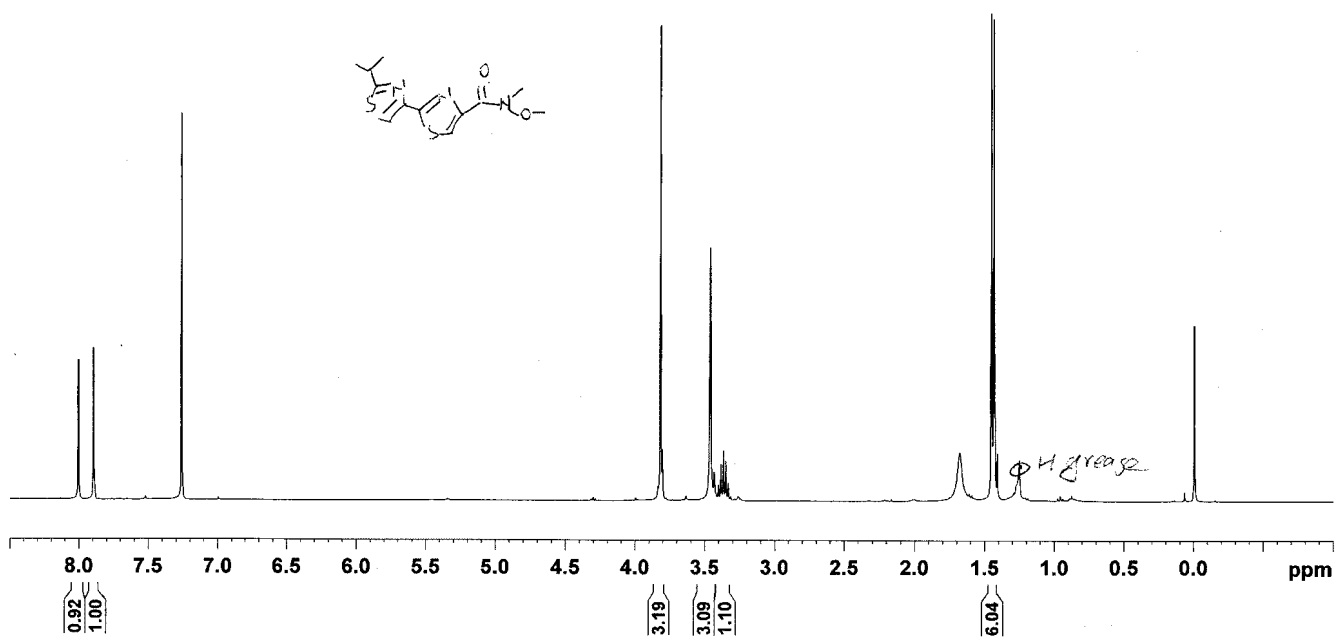
007-076-002

8.003  
7.894

7.260

3.818  
3.462  
3.401  
3.384  
3.367  
3.350  
3.332

1.452  
1.434



07-077-001

176.79

163.12  
162.29

149.21  
148.18

125.09

115.40

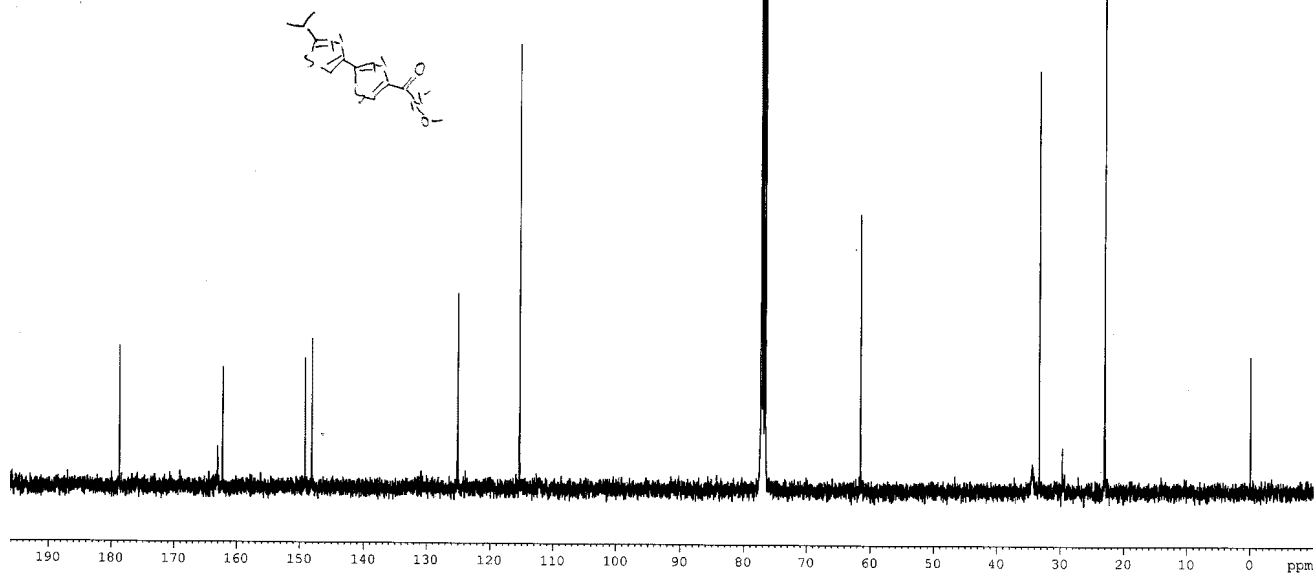
77.33  
77.01  
76.70

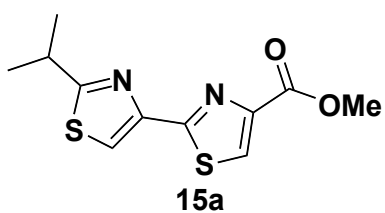
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33.33

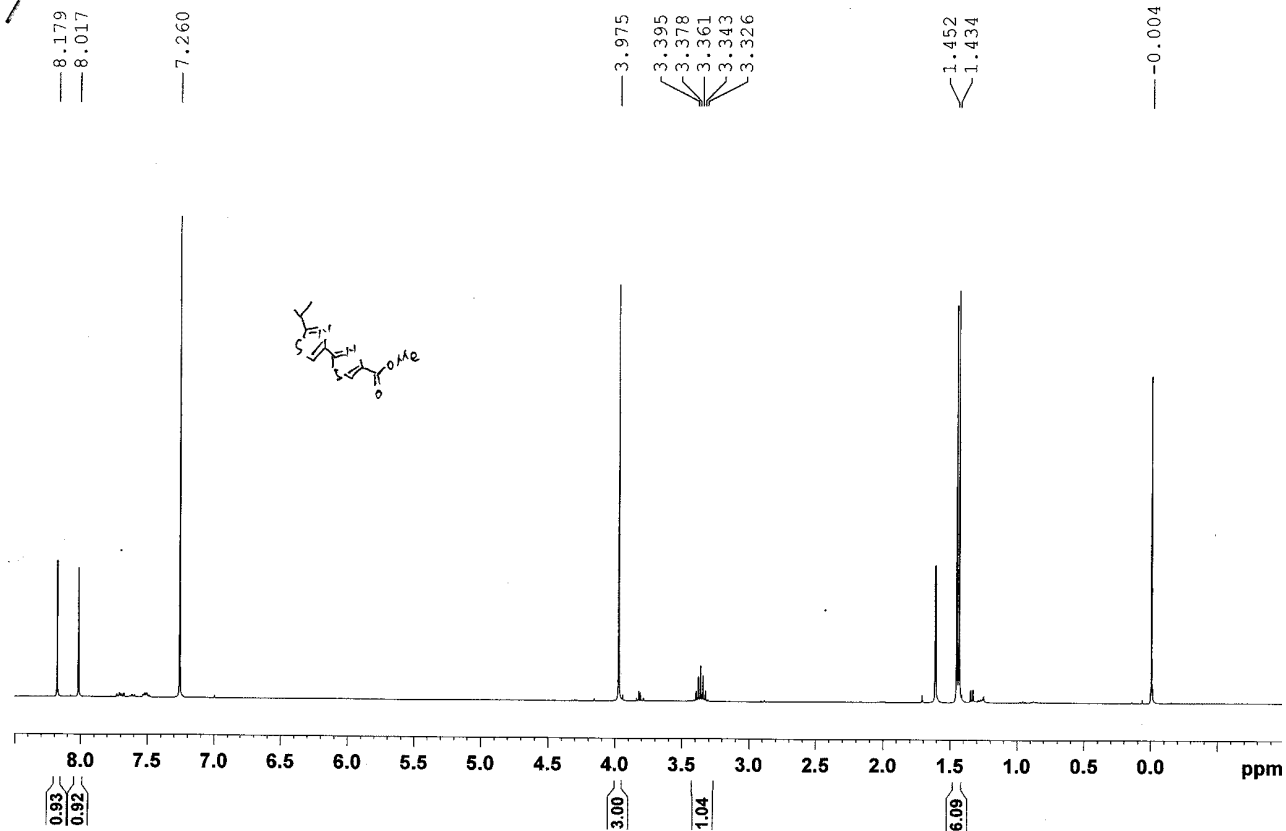
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-0.02

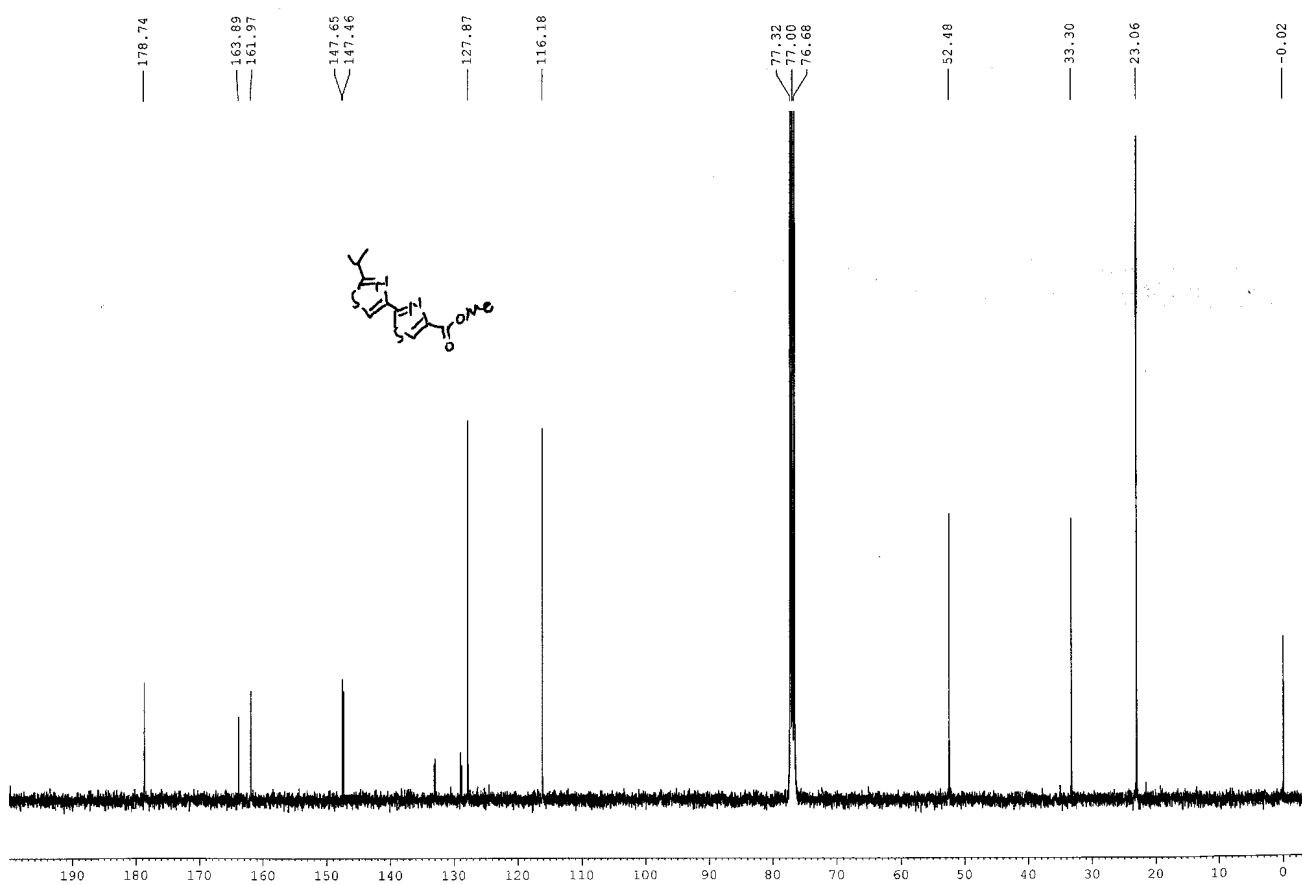


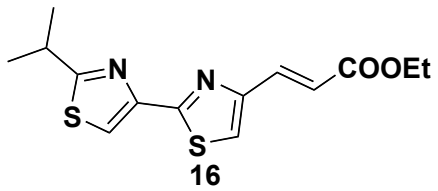


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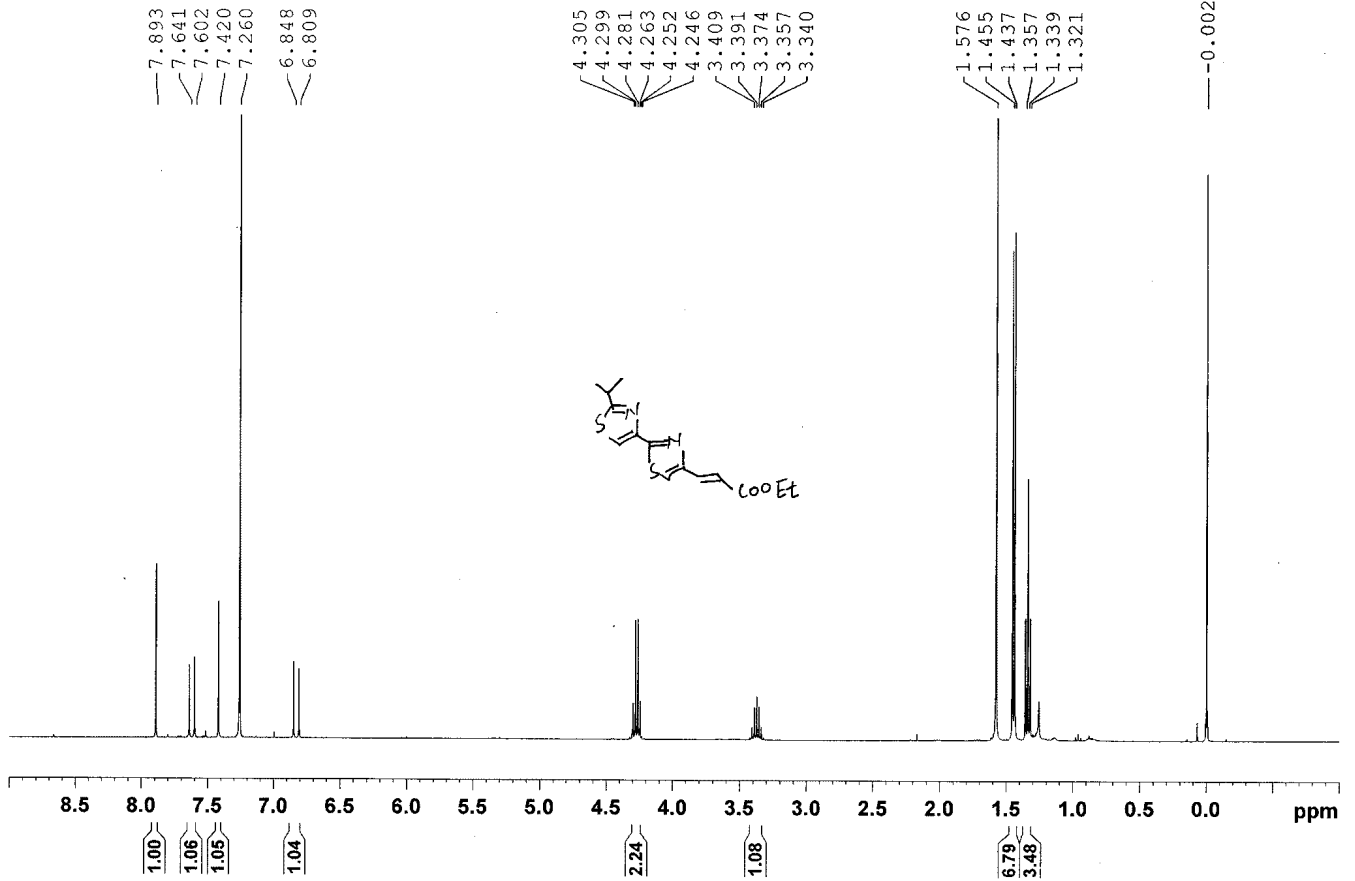


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