## **Supporting Information for**

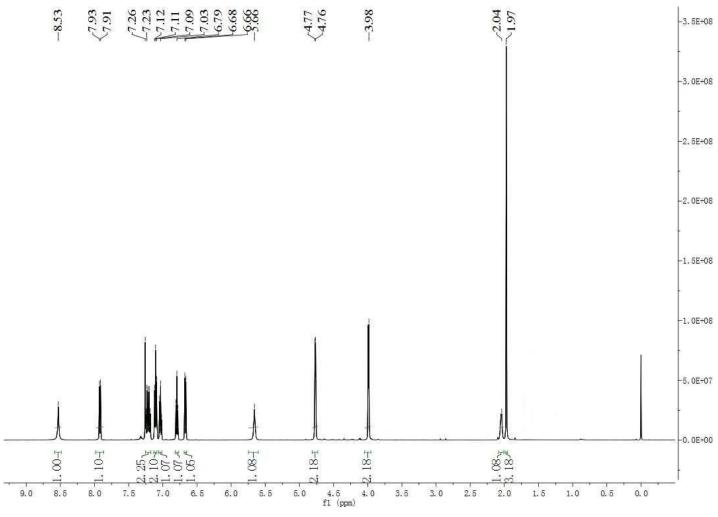
## Synthesis and Fungicidal Activity of 1-(Carbamoylmethyl)-2-aryl-3,1-benzoxazines

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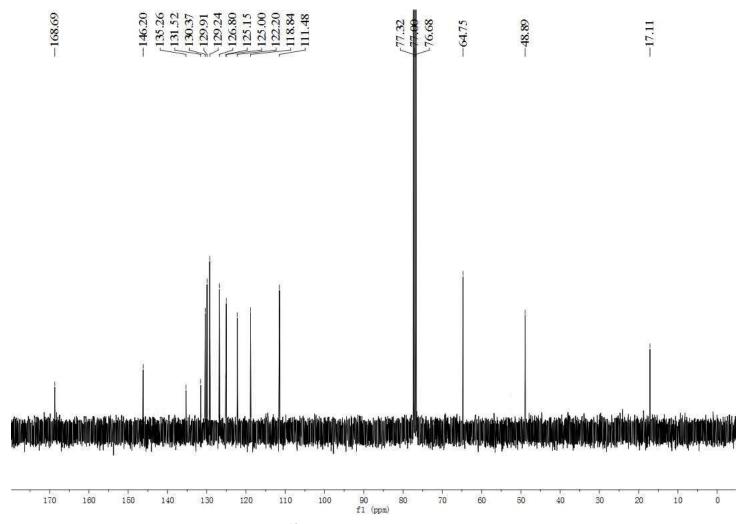
- 1 Key Laboratory of Theoretical Organic Chemistry and Functional Molecule of Ministry of Education, Hunan University of Science and Technology, Xiangtan 411201, China;
- 2 School of Chemistry and Chemical Engineering, Hunan University of Science and Technology, Xiangtan 411201, China

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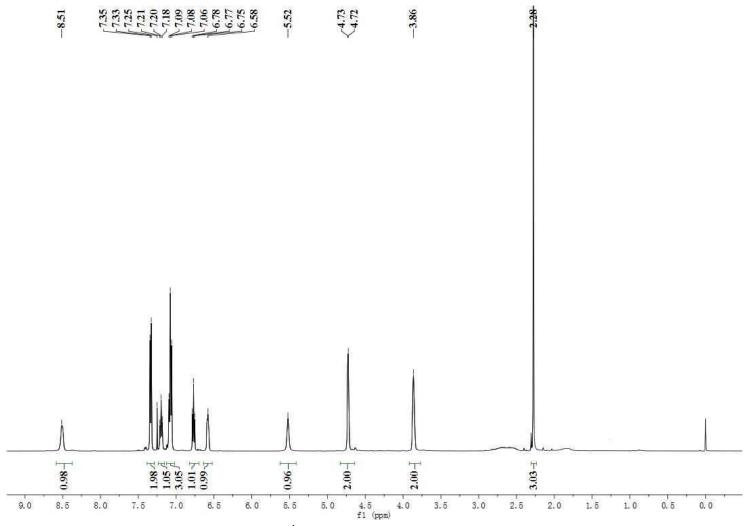
1 <sup>1</sup>H NMR and <sup>13</sup>C NMR Data for compounds **3a-3f** P2-P13 2 <sup>1</sup>H NMR and <sup>13</sup>C NMR Data for compounds **5a-5r** P14-P49



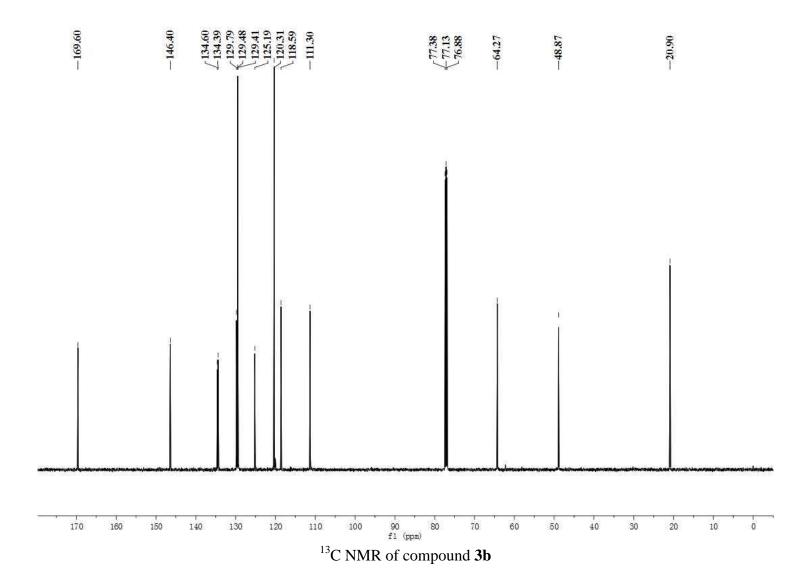
<sup>1</sup>H NMR of compound **3a** 

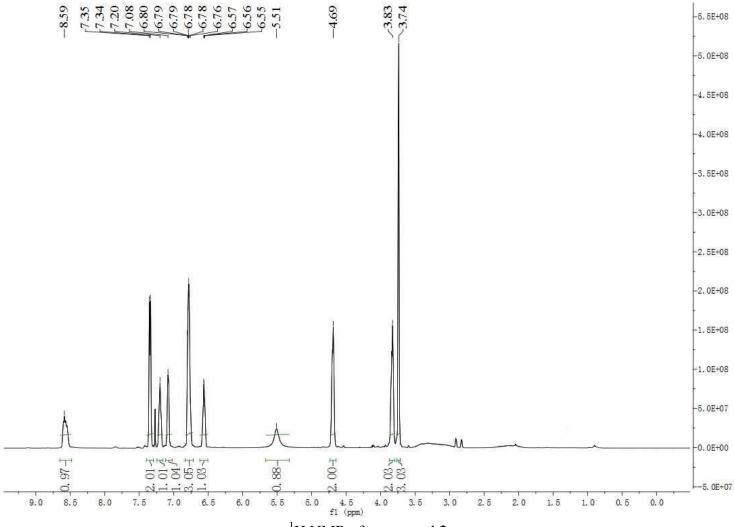


<sup>13</sup>C NMR of compound **3a** 

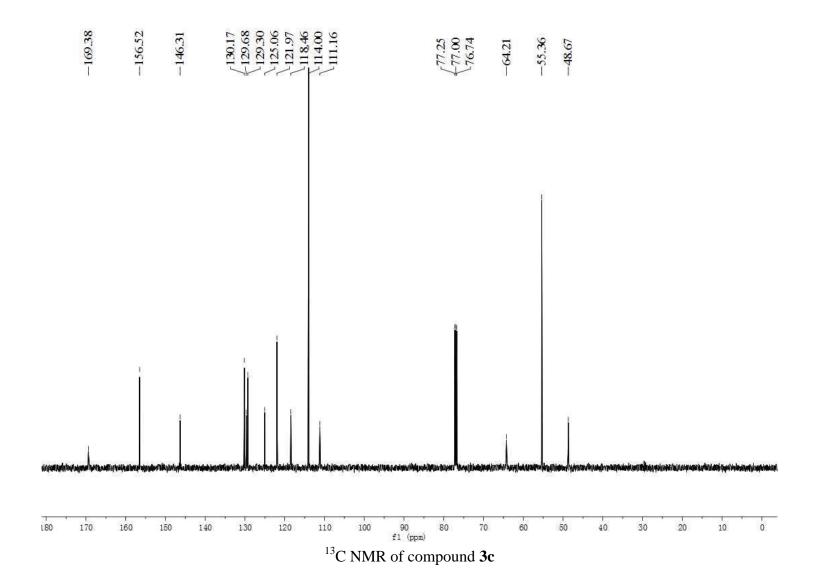


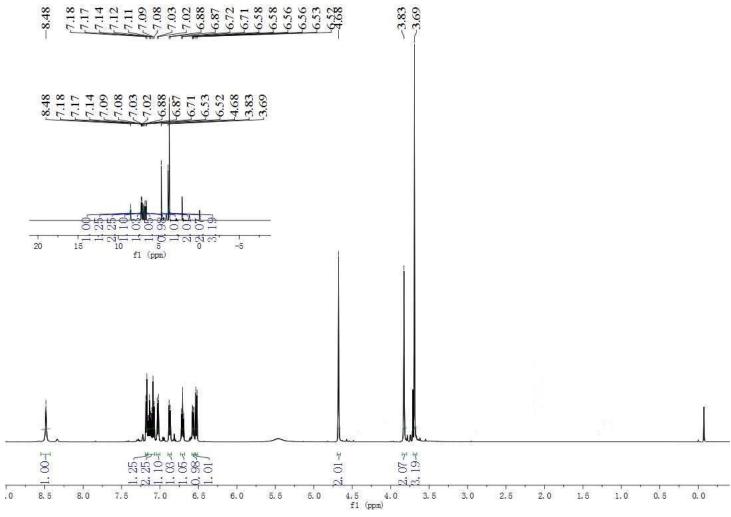
<sup>1</sup>H NMR of compound **3b** 



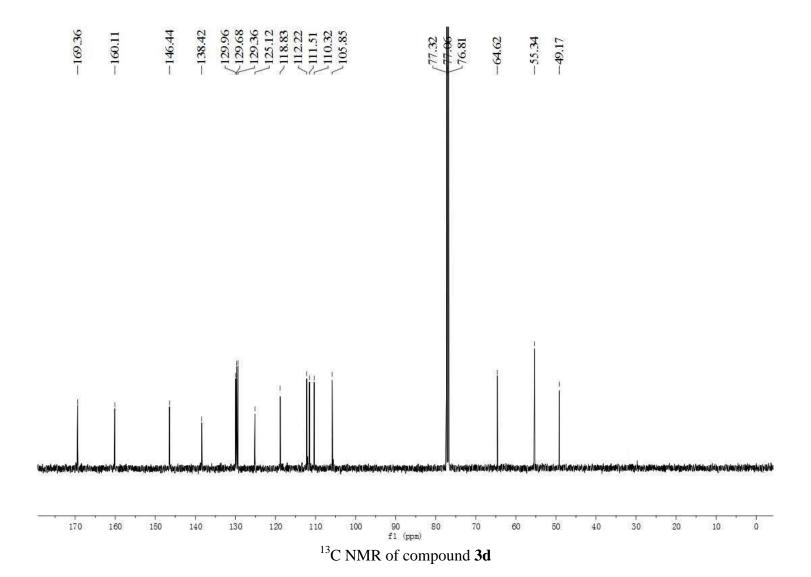


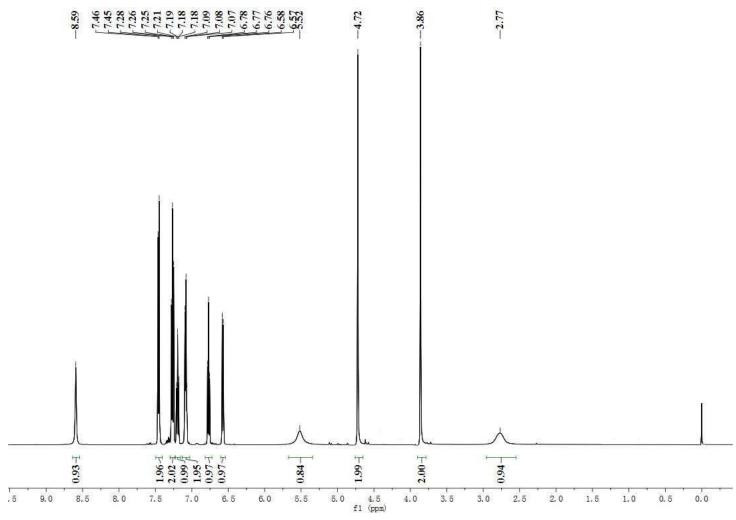
<sup>1</sup>H NMR of compound **3c** 



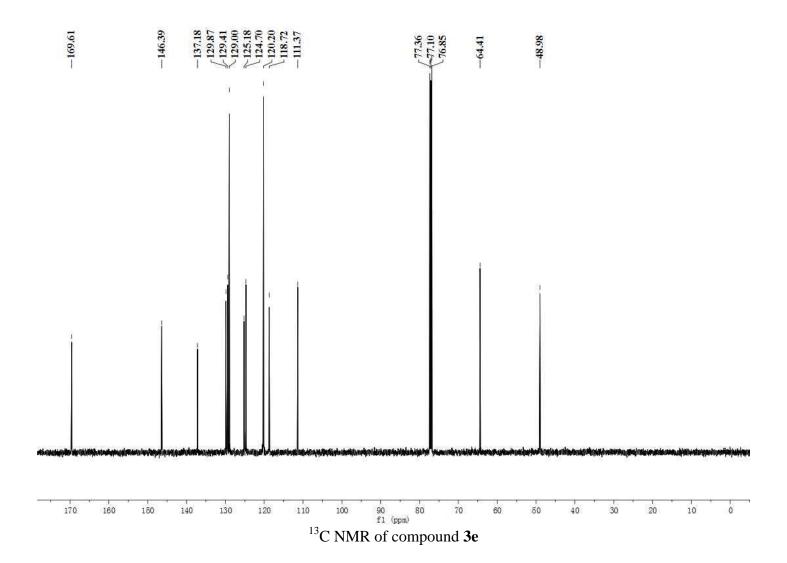


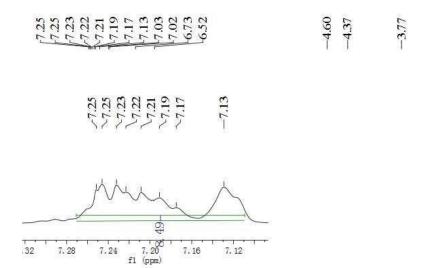
<sup>1</sup>H NMR of compound **3d** 

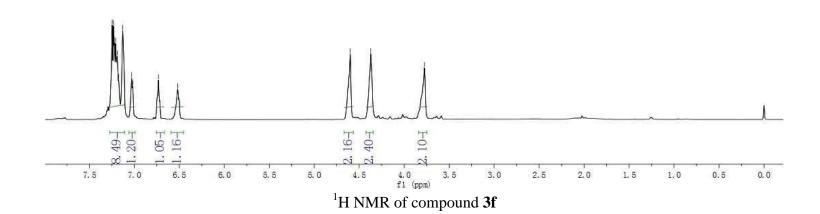




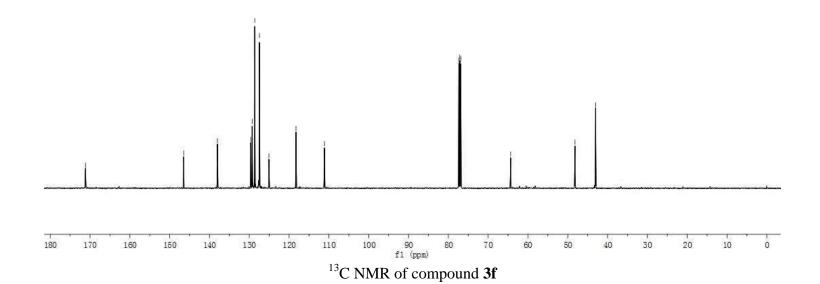
<sup>1</sup>H NMR of compound **3e** 

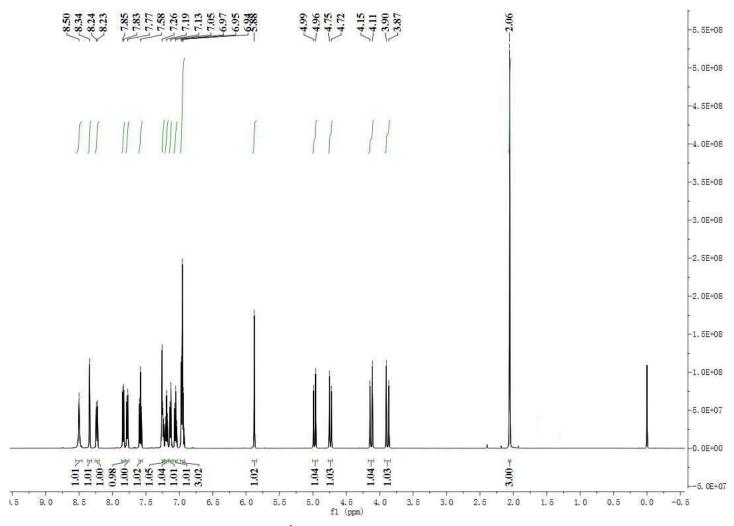




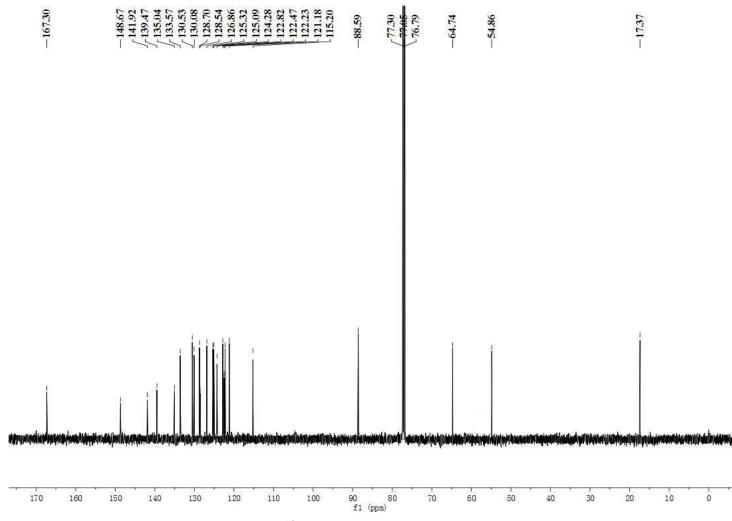




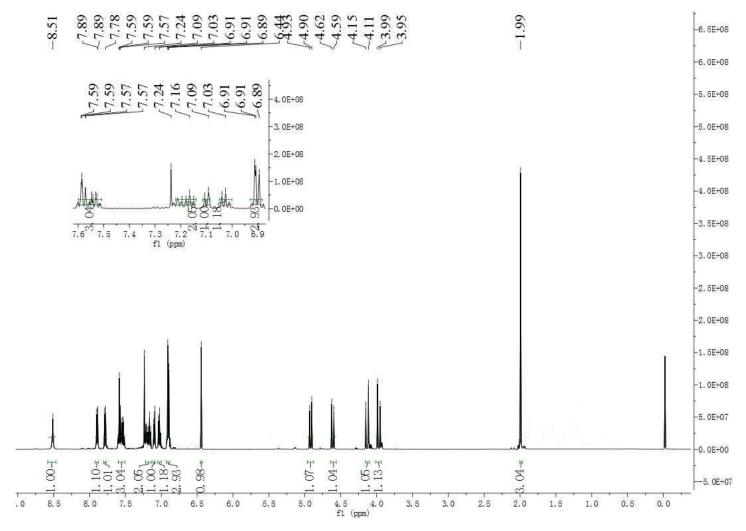




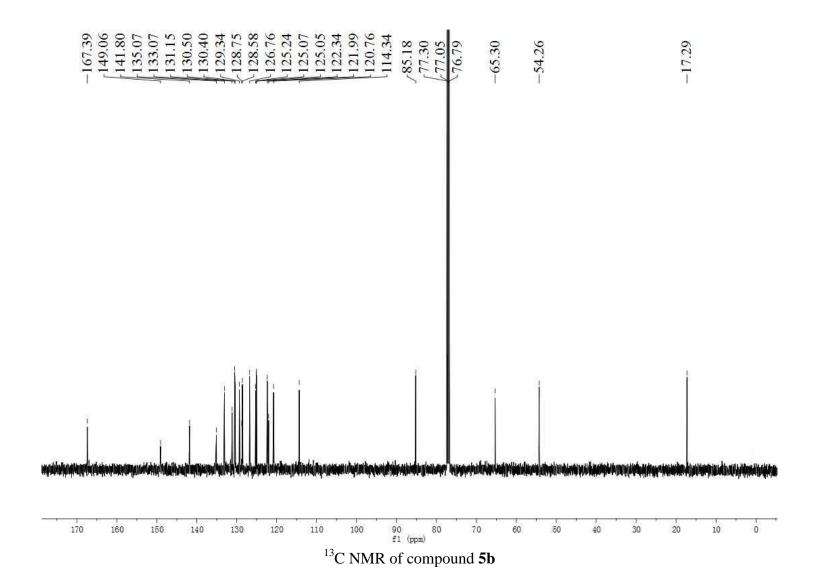
<sup>1</sup>H NMR of compound **5a** 

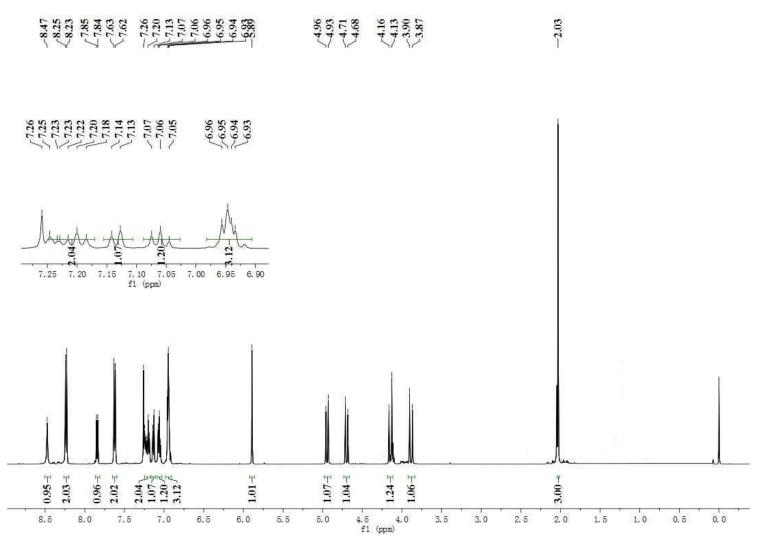


<sup>13</sup>C NMR of compound **5a** 

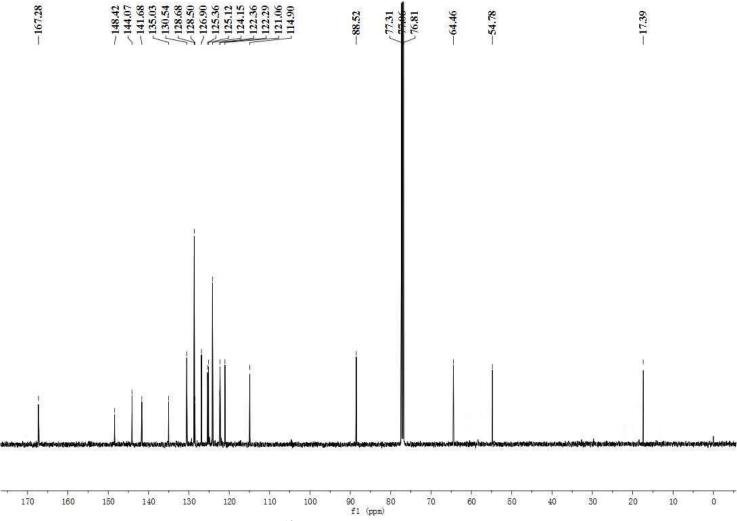


<sup>1</sup>H NMR of compound **5b** 

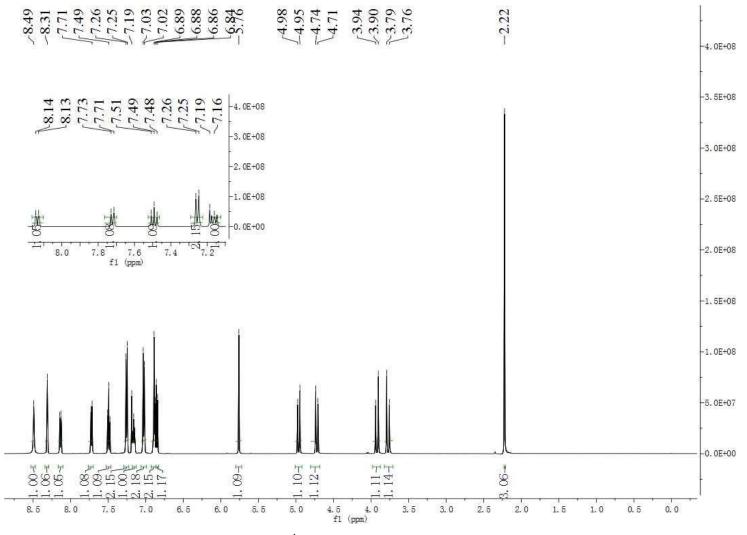




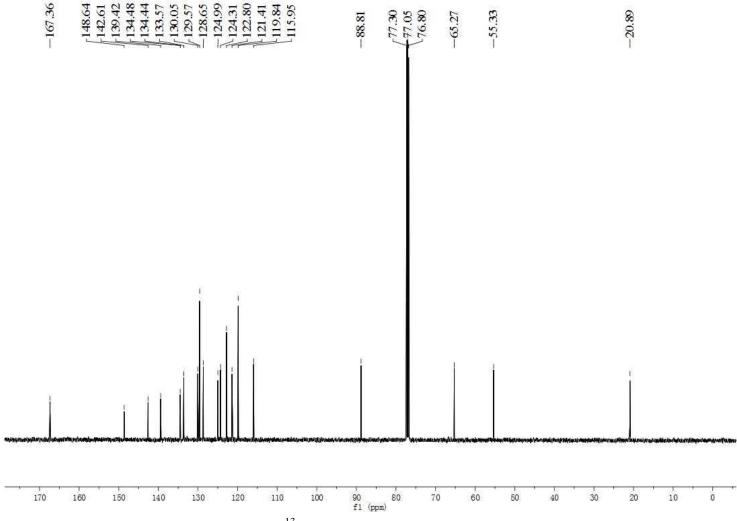
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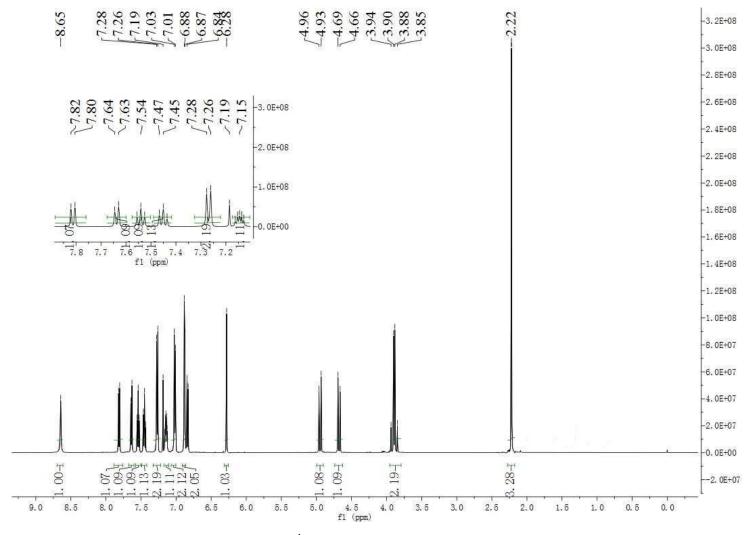
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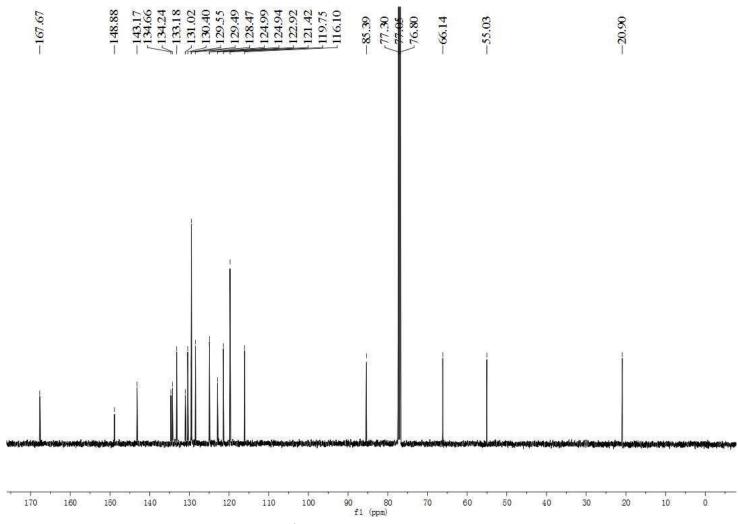
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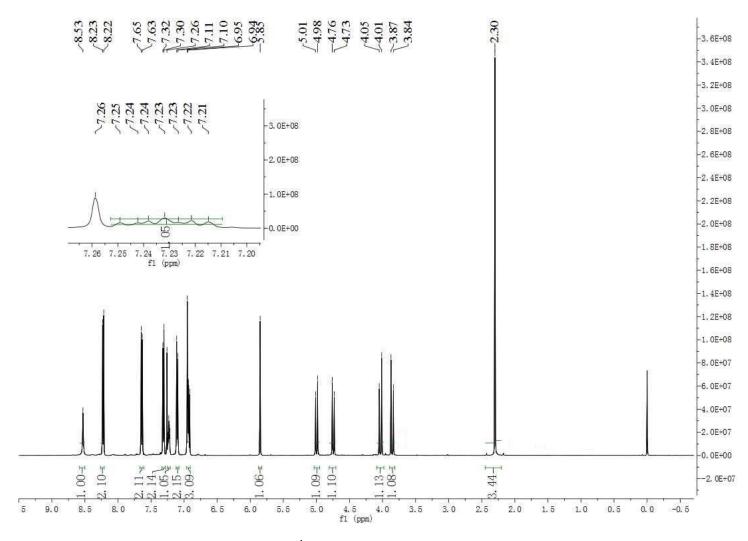
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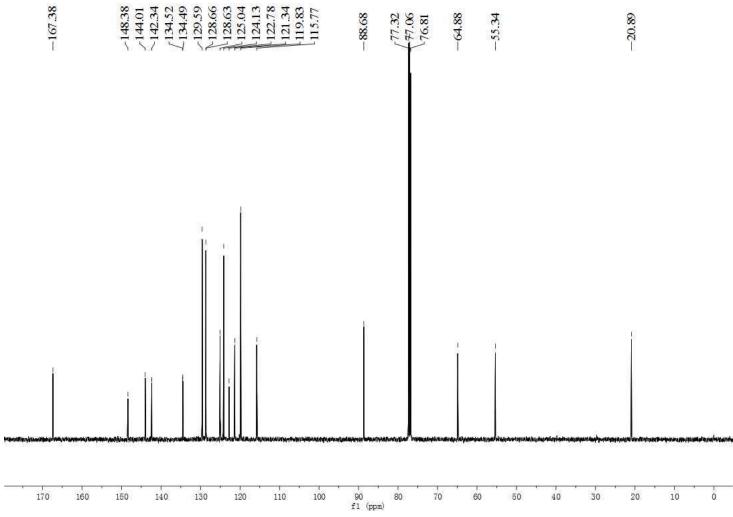
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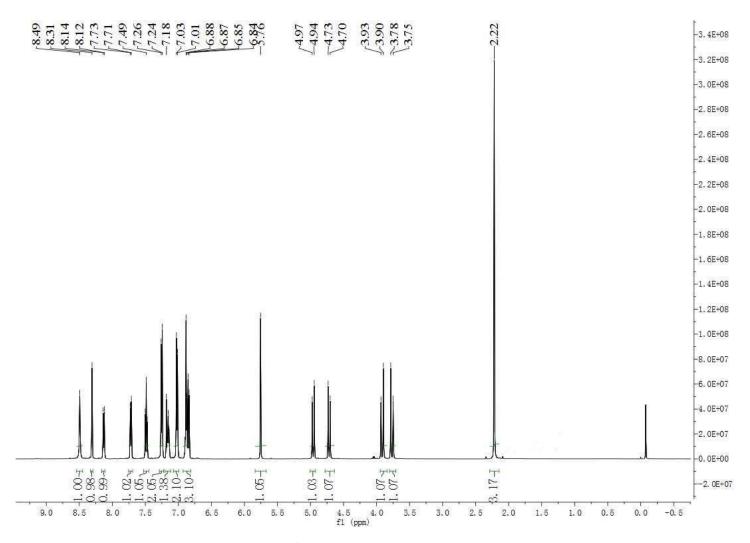
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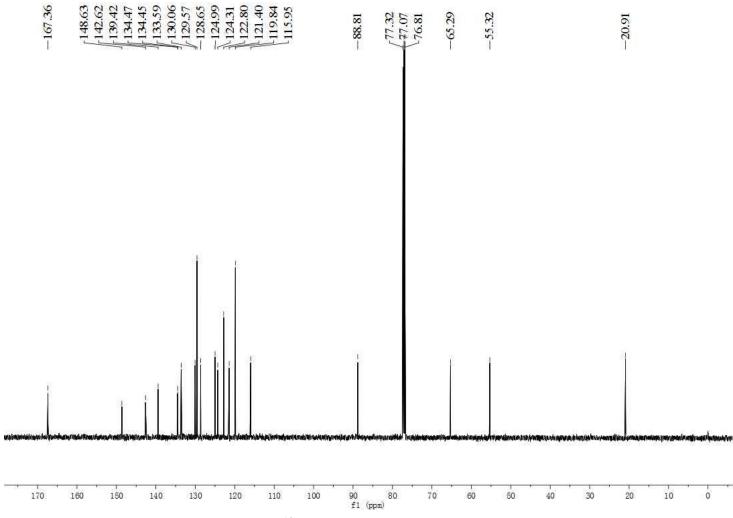
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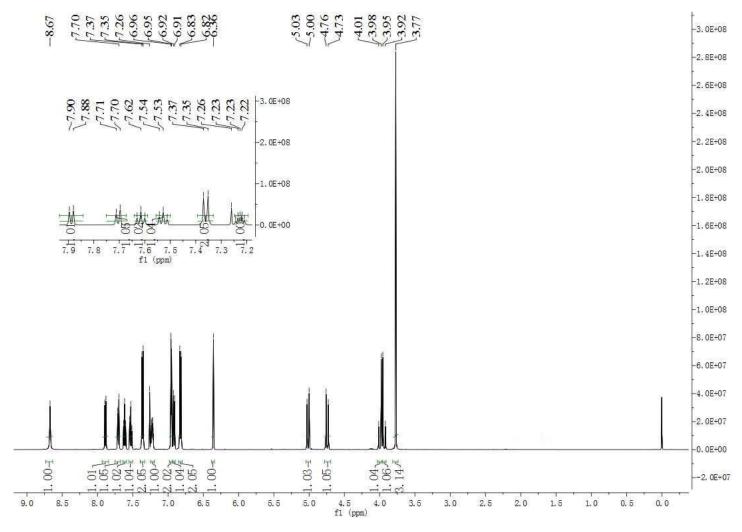
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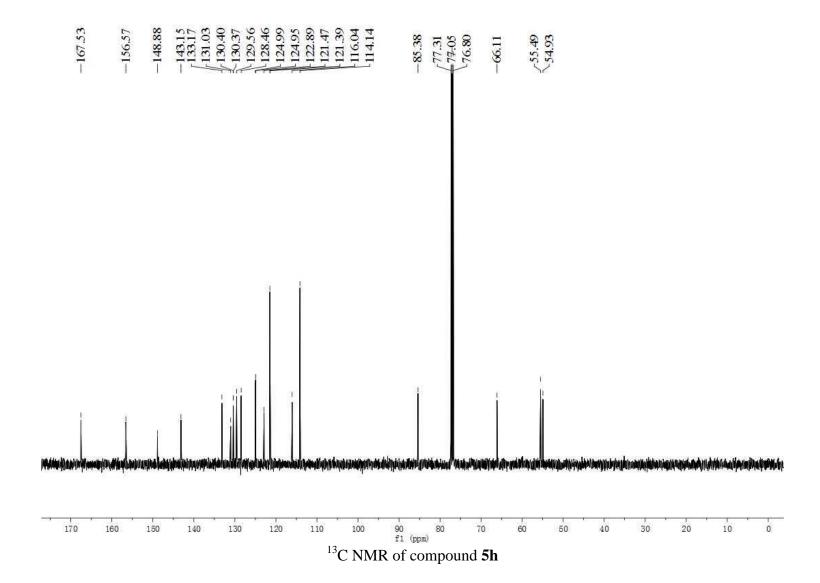
<sup>1</sup>H NMR of compound **5g** 

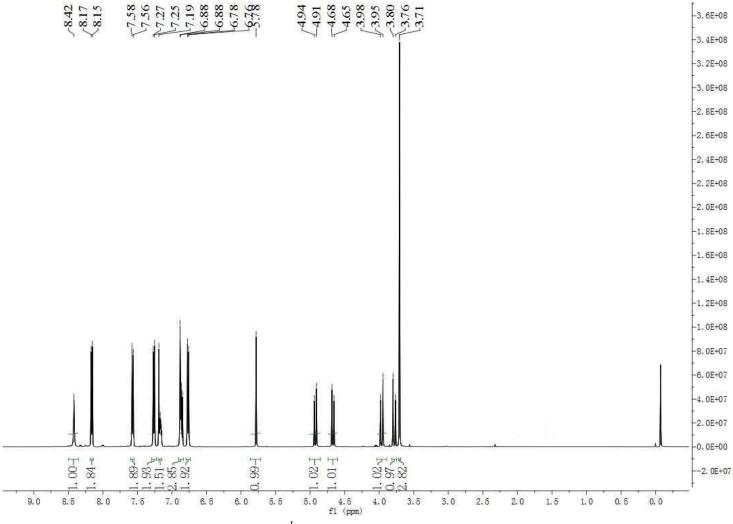


<sup>13</sup>C NMR of compound **5g** 

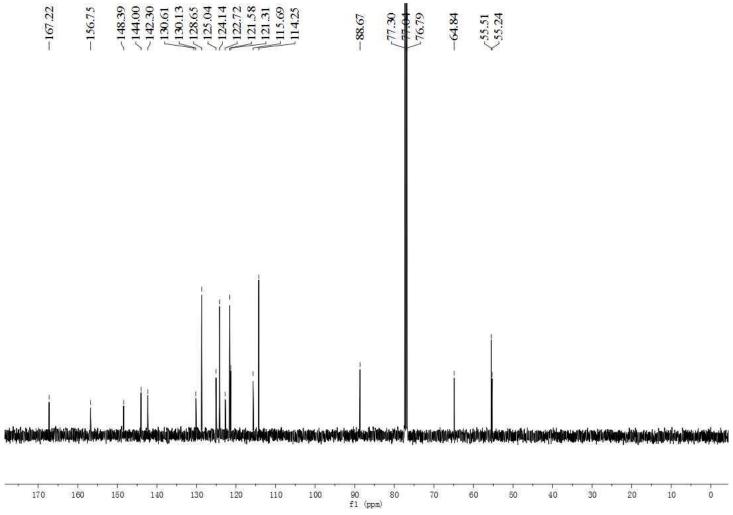


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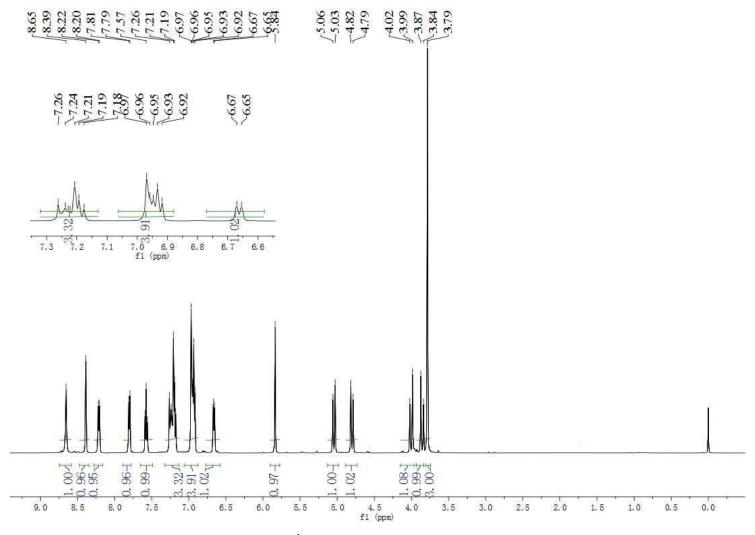




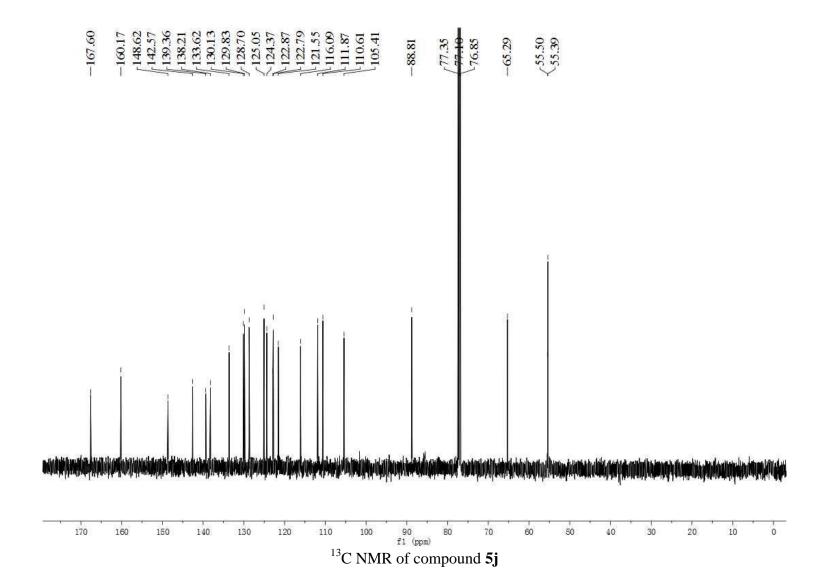
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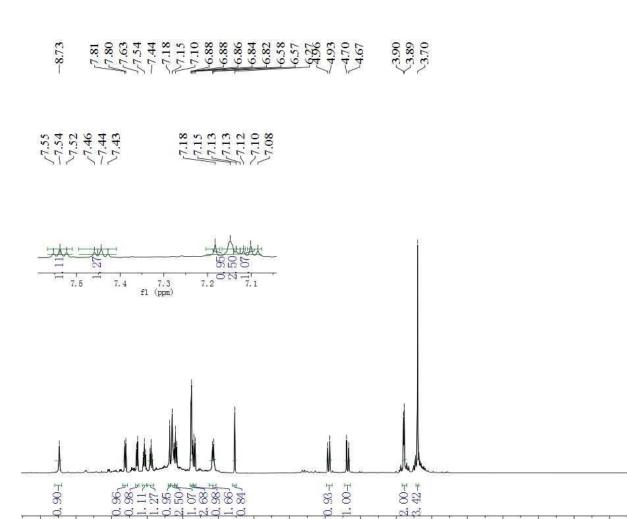


<sup>13</sup>C NMR of compound **5i** 



<sup>1</sup>H NMR of compound **5j** 





6. 0

<sup>1</sup>H NMR of compound **5k** 

4.5 4.0 f1 (ppm)

3, 5

3.0

2.5

2.0

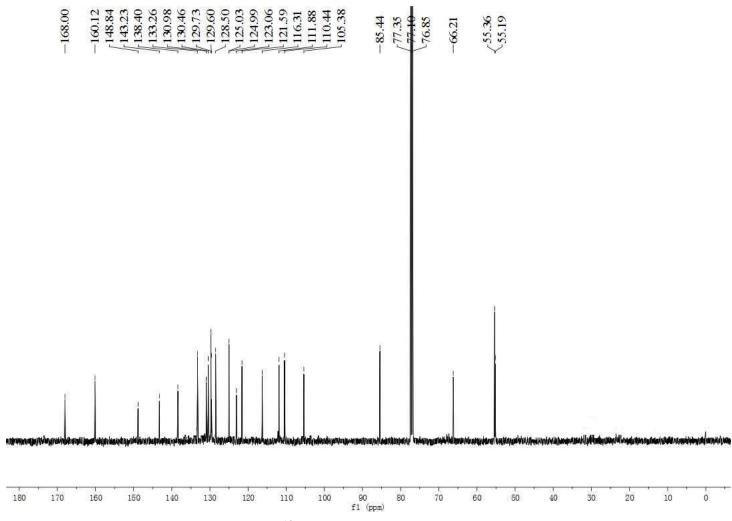
1.5

1.0

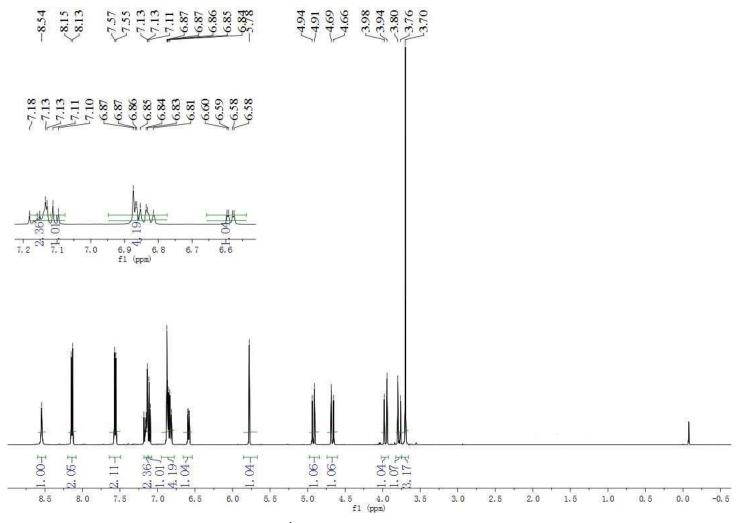
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0.0

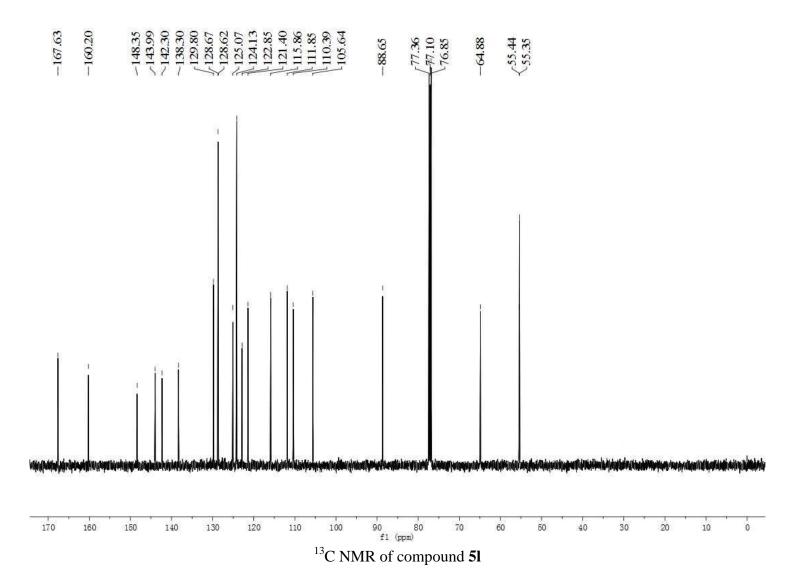
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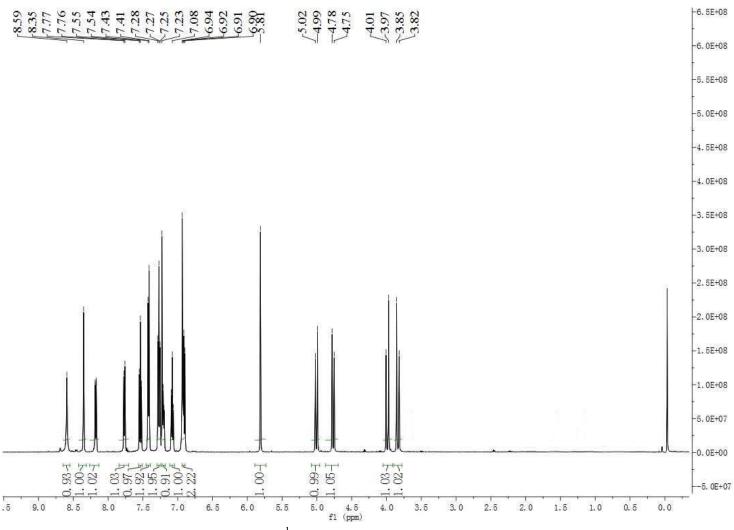


<sup>13</sup>C NMR of compound **5k** 

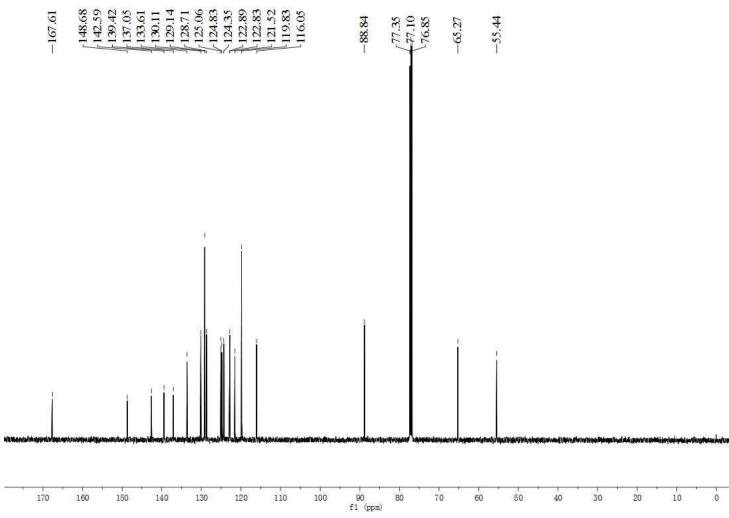


<sup>1</sup>H NMR of compound **51** 

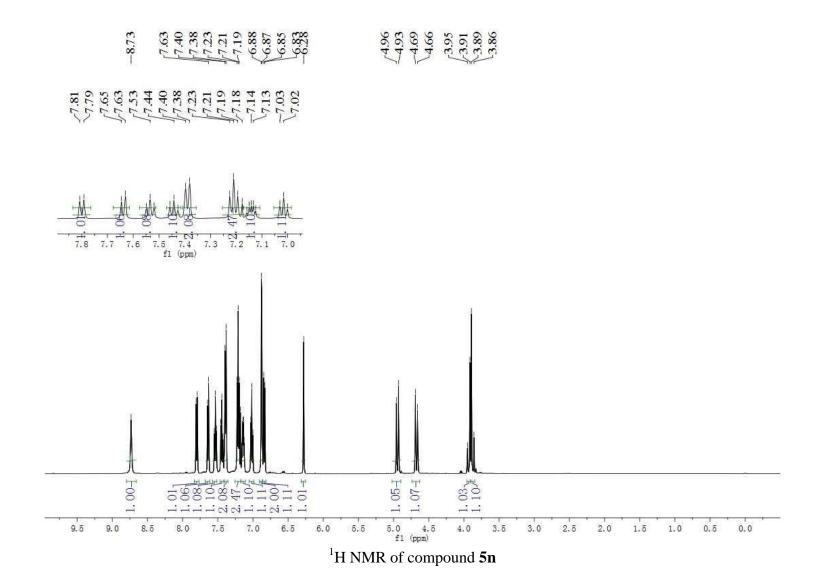


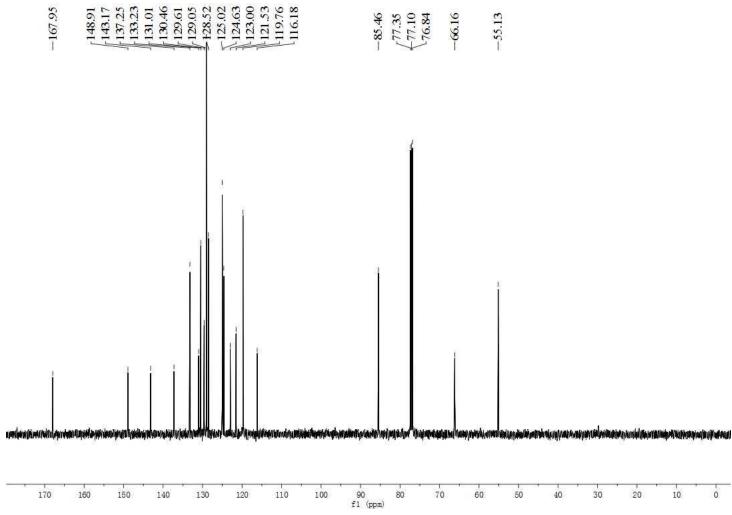


<sup>1</sup>H NMR of compound **5m** 



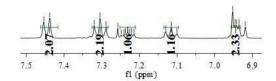
<sup>13</sup>C NMR of compound **5m** 

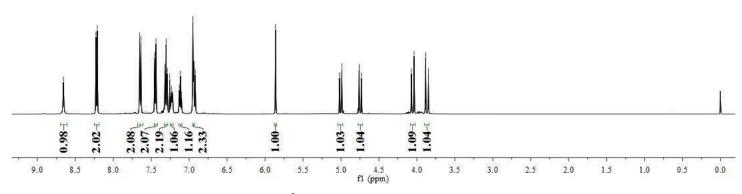




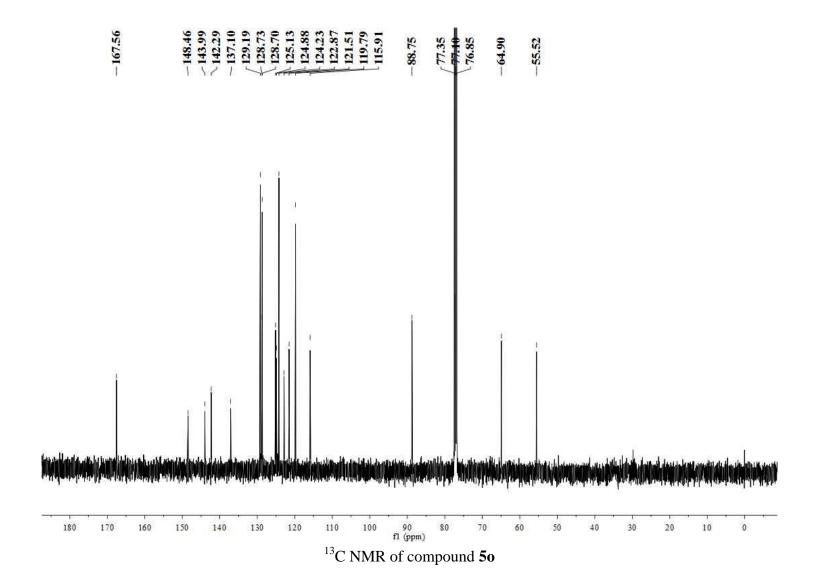
<sup>13</sup>C NMR of compound **5n** 

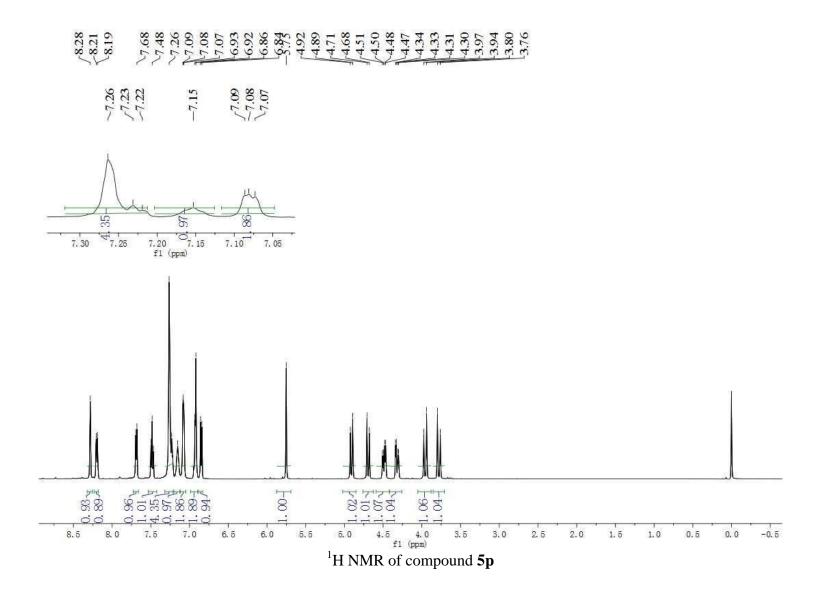


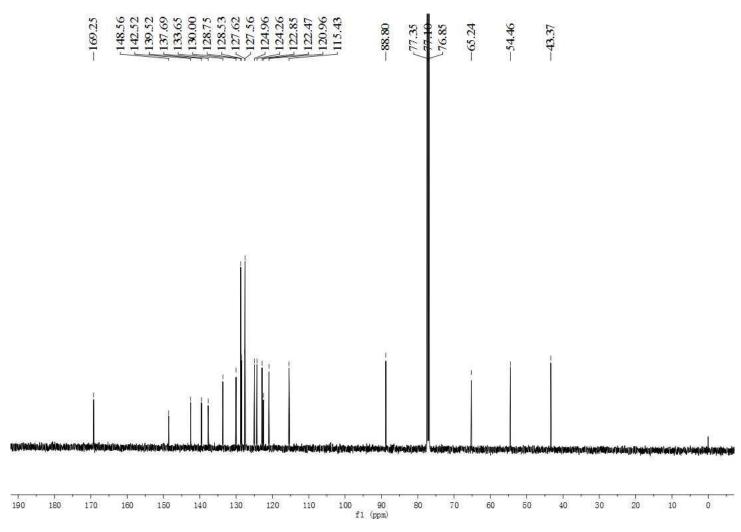




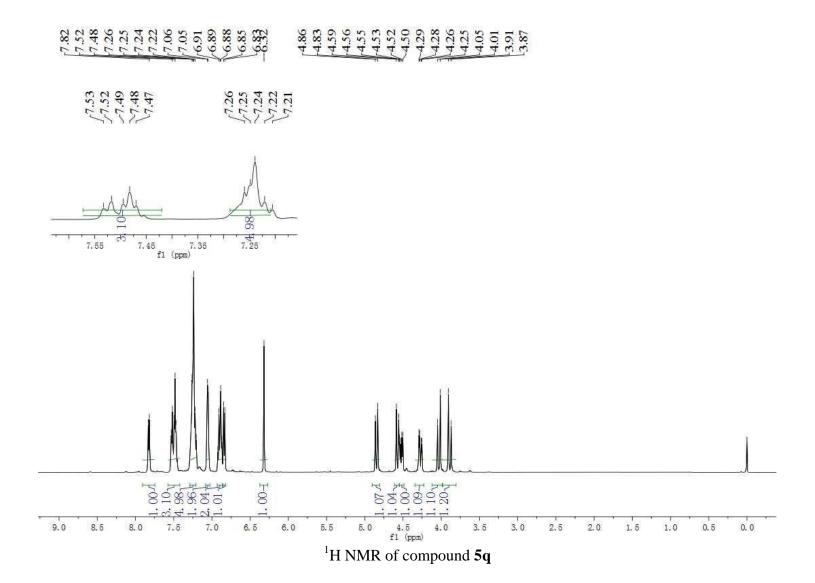
<sup>1</sup>H NMR of compound **50** 

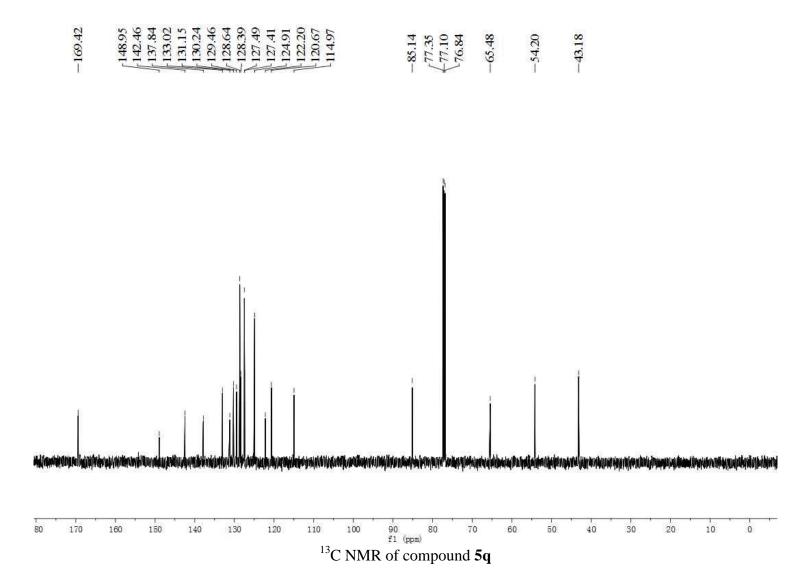




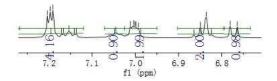


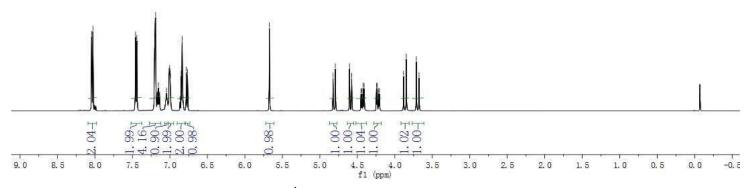
<sup>13</sup>C NMR of compound **5p** 





8.03 8.03 8.03 8.03 8.03 8.03 8.03 8.03 8.03 8.03 8.03 8.03 8.03 8.03 8.04 8.03 8.03 8.03 8.04 8.03 8.04 8.03 8.03 8.04 8.04 8.05 





<sup>1</sup>H NMR of compound **5r** 

