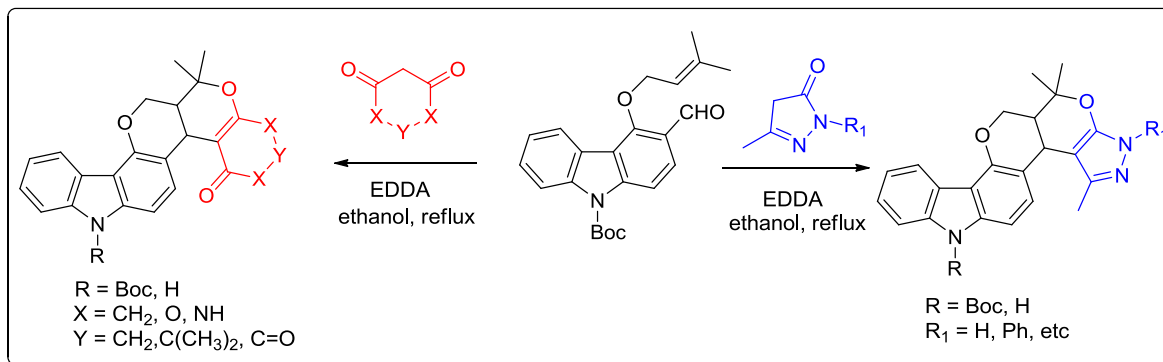


## Supporting Information for

### Synthesis, Molecular Docking and *in vitro* Antiproliferative activity of Novel Pyrano[3,2-*c*]carbazole derivatives

Pannala Padmaja,<sup>\*a</sup> Basireddy V. Subba Reddy,<sup>b</sup> Nishant Jain,<sup>b</sup> Srinivasa Rao Mutheneni,<sup>b</sup> Priyanka Bollepli,<sup>b</sup> Sowjanya Polepalli,<sup>b</sup> Gundla Rambabu<sup>c</sup> Pedavenkatagari Narayana Reddy<sup>\*c</sup>

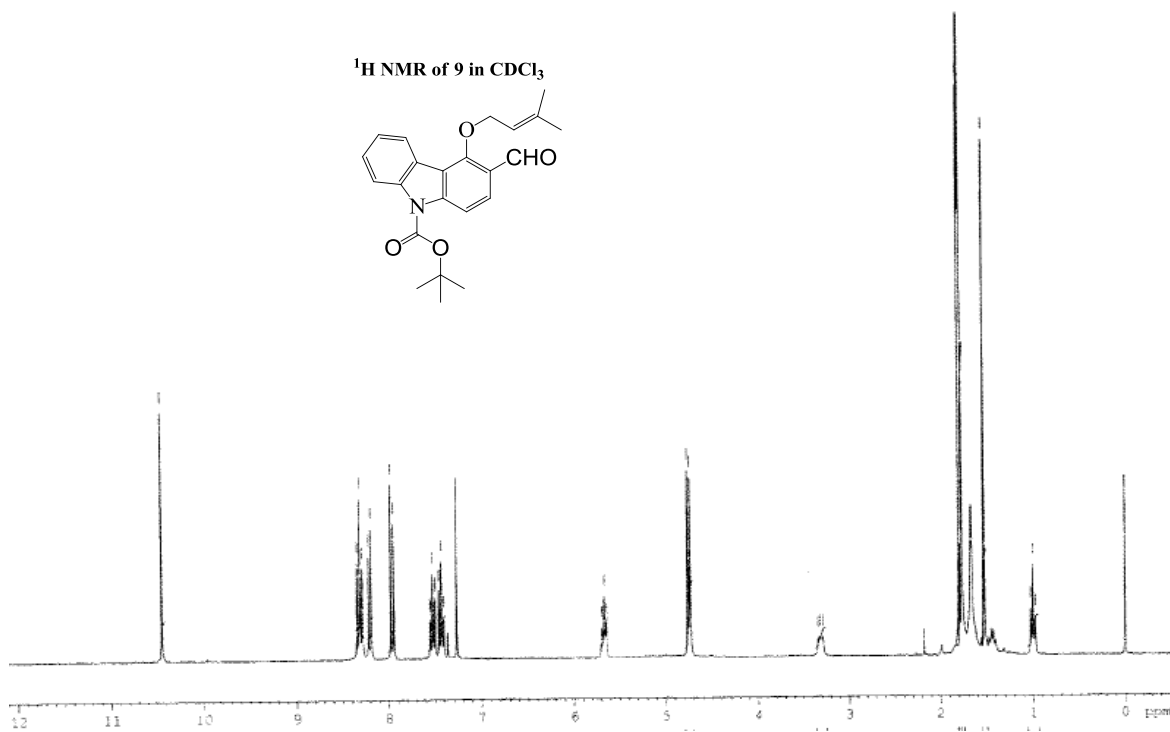
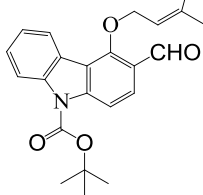


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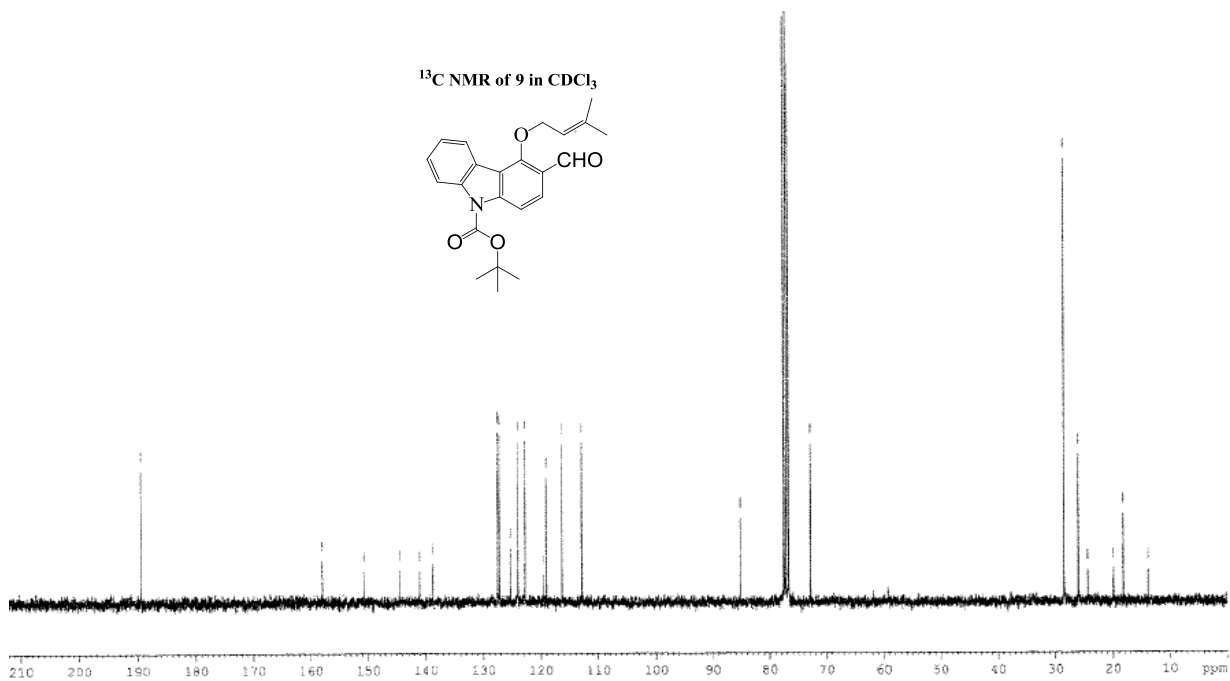
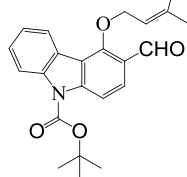
1. Copies of <sup>1</sup>H and <sup>13</sup>C NMR spectra of products

2-16

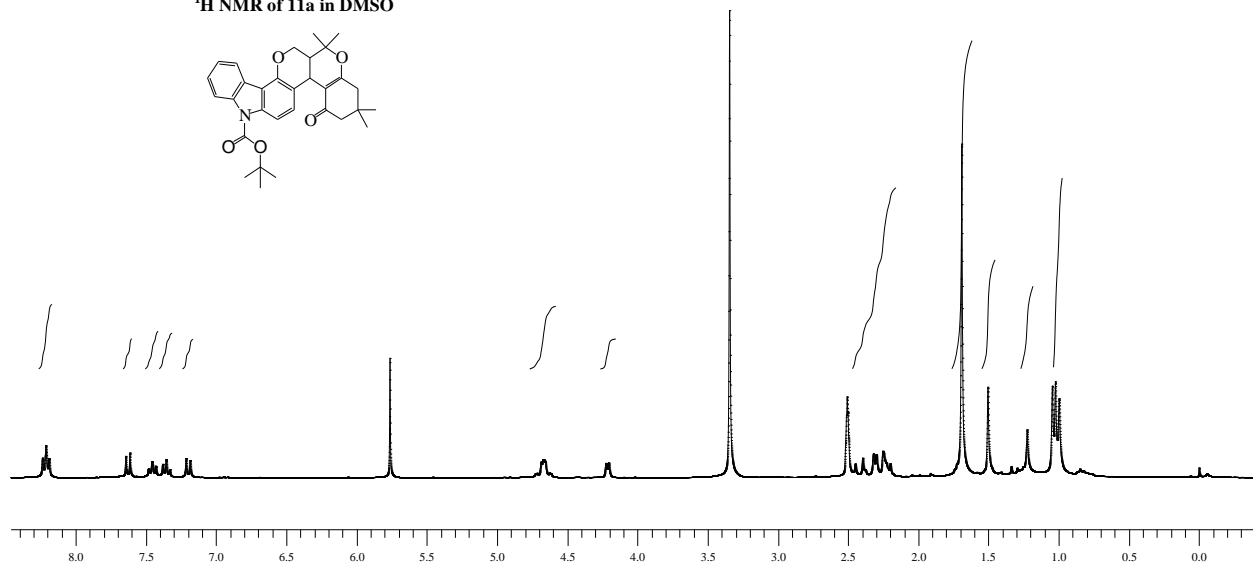
<sup>1</sup>H NMR of 9 in CDCl<sub>3</sub>



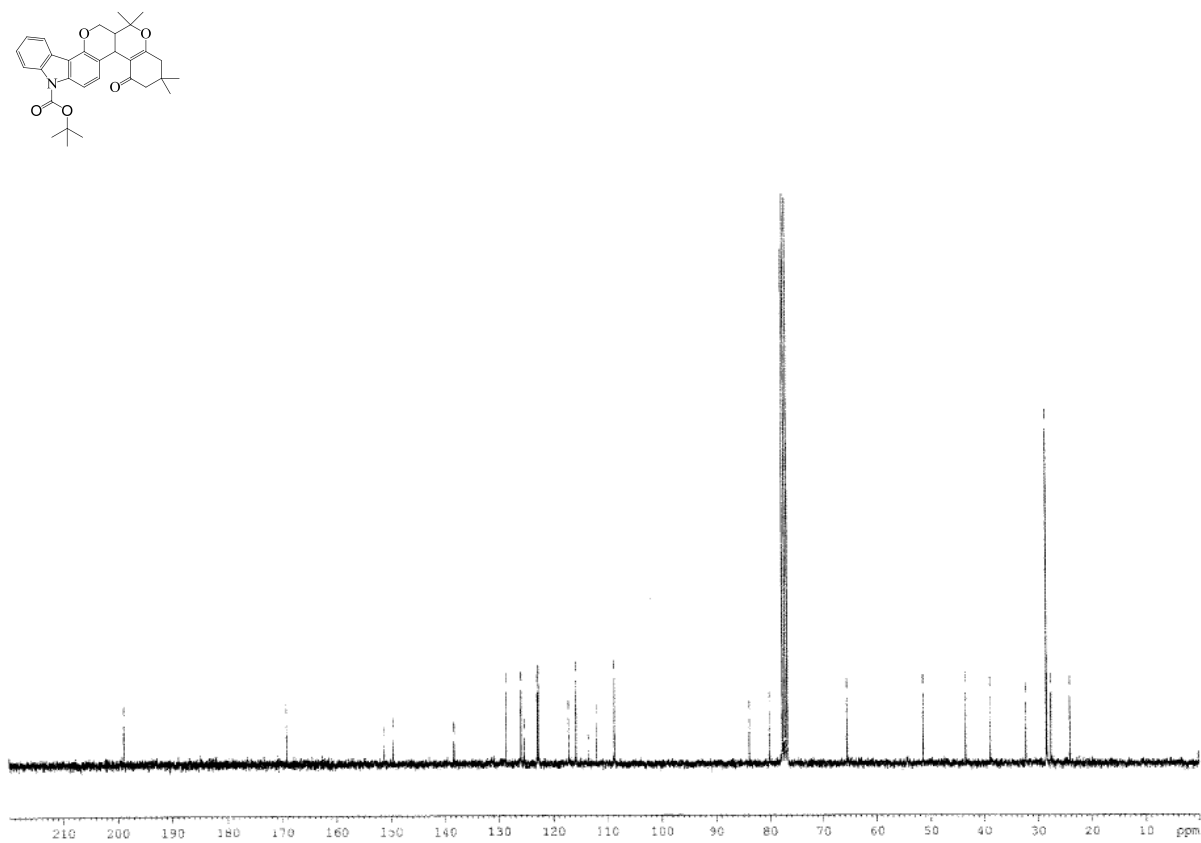
<sup>13</sup>C NMR of 9 in CDCl<sub>3</sub>



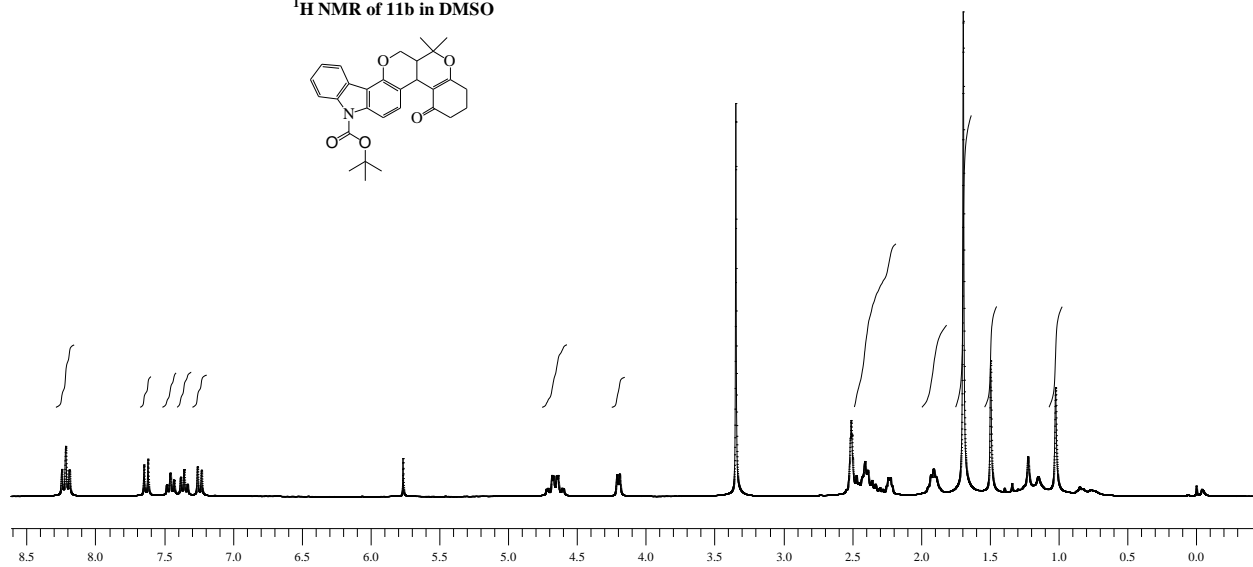
<sup>1</sup>H NMR of 11a in DMSO



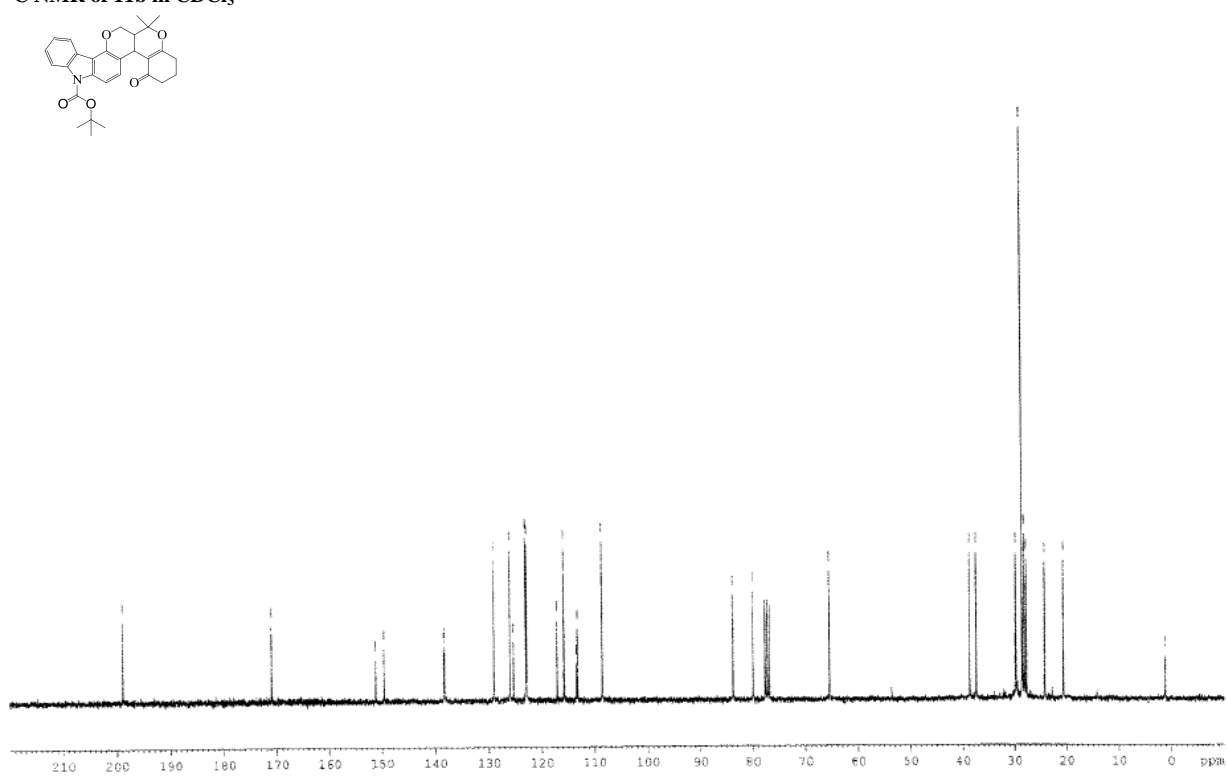
<sup>13</sup>C NMR of 11a in CDCl<sub>3</sub>



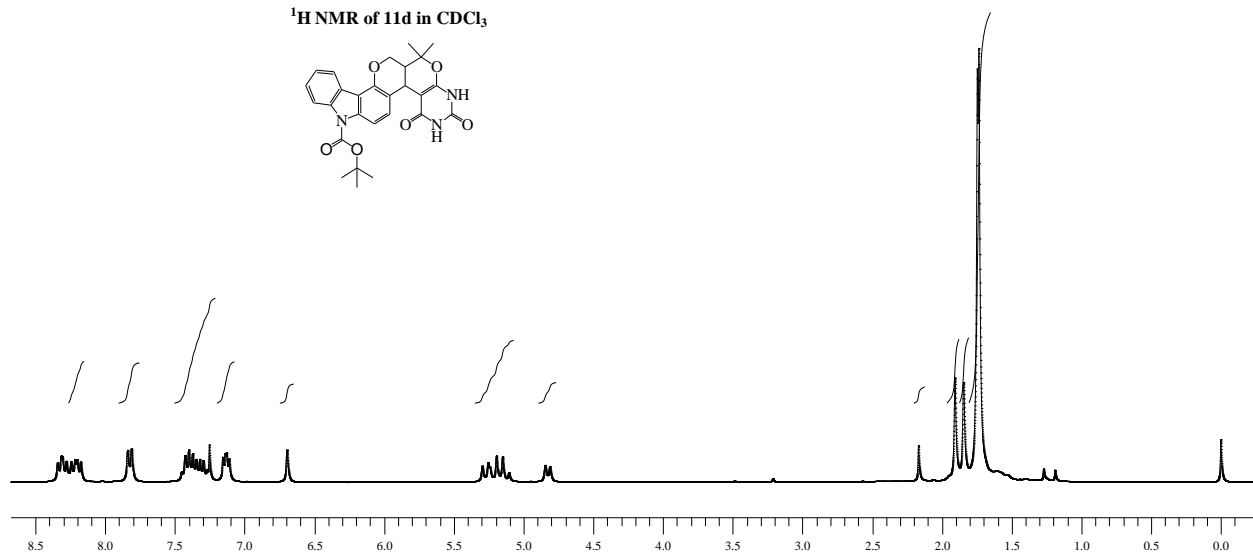
<sup>1</sup>H NMR of 11b in DMSO



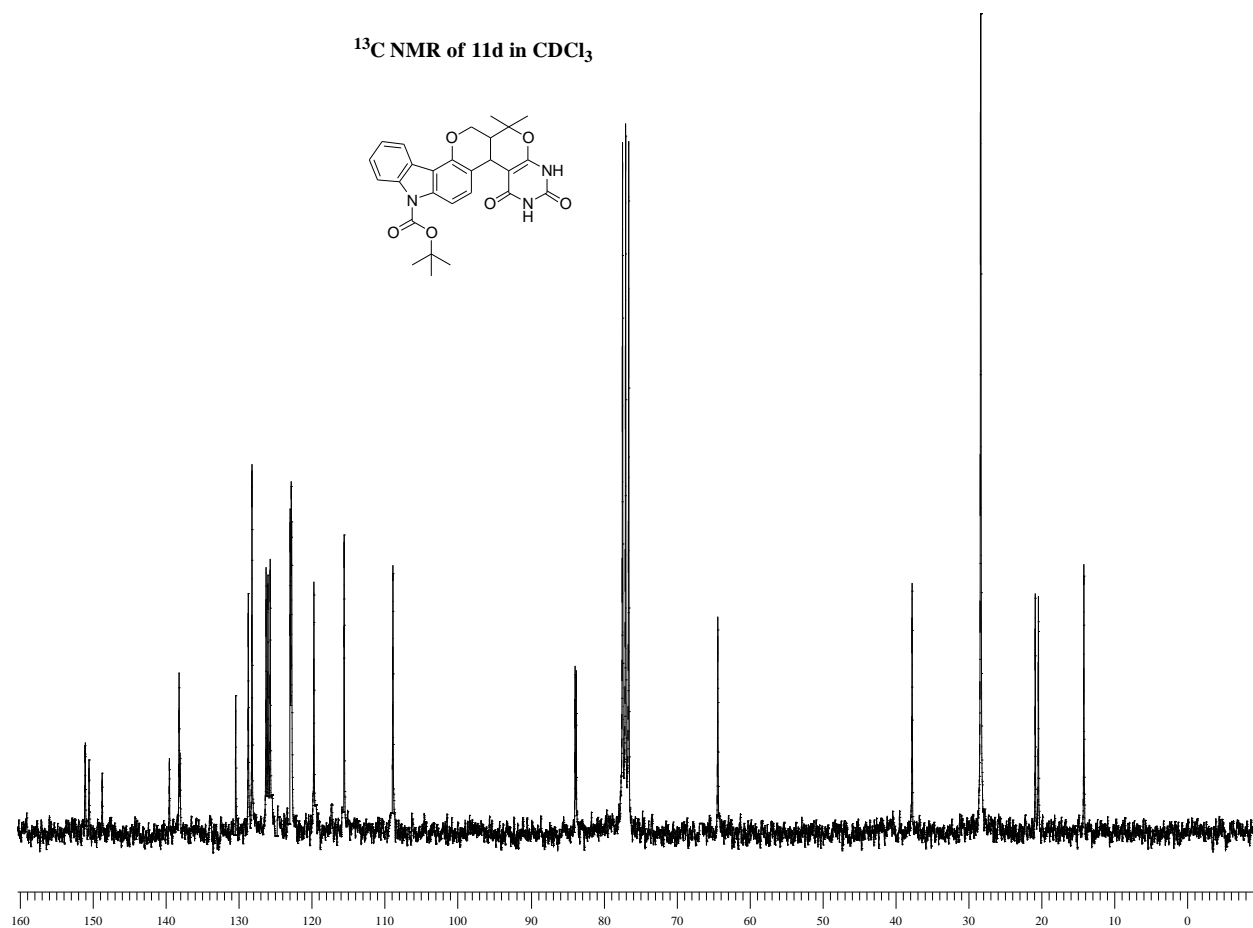
<sup>13</sup>C NMR of 11b in CDCl<sub>3</sub>



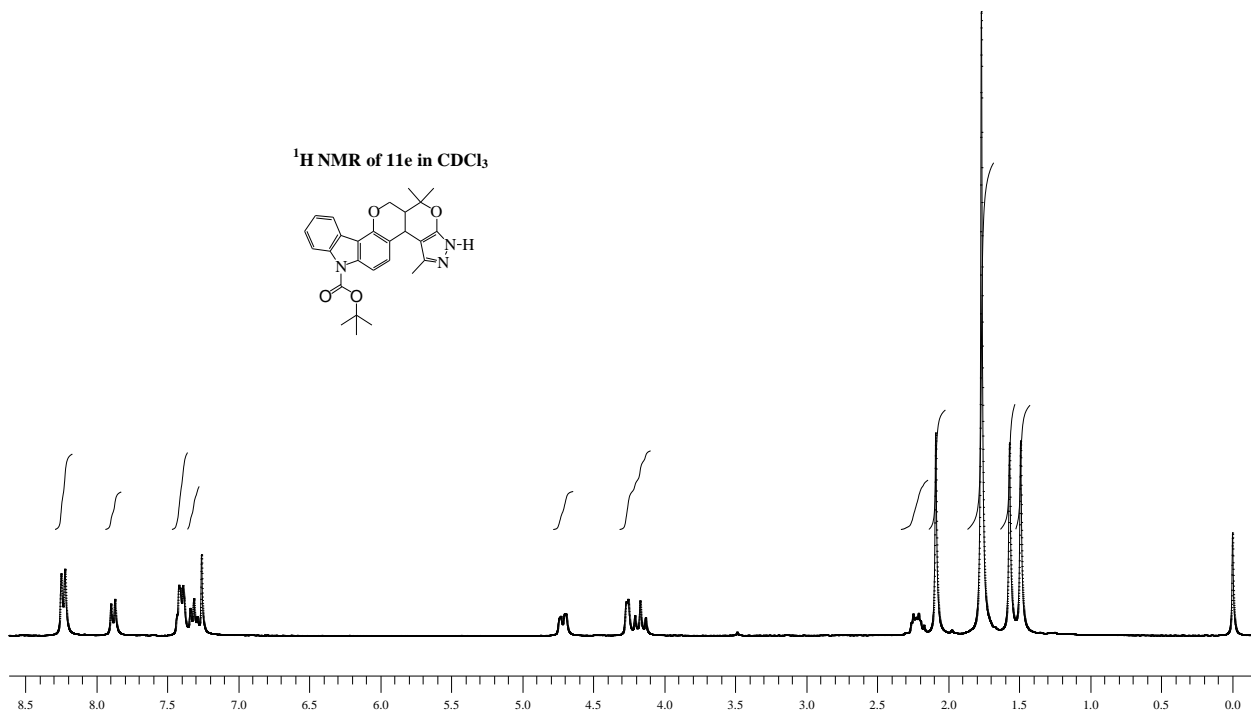
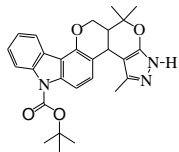
<sup>1</sup>H NMR of 11d in CDCl<sub>3</sub>



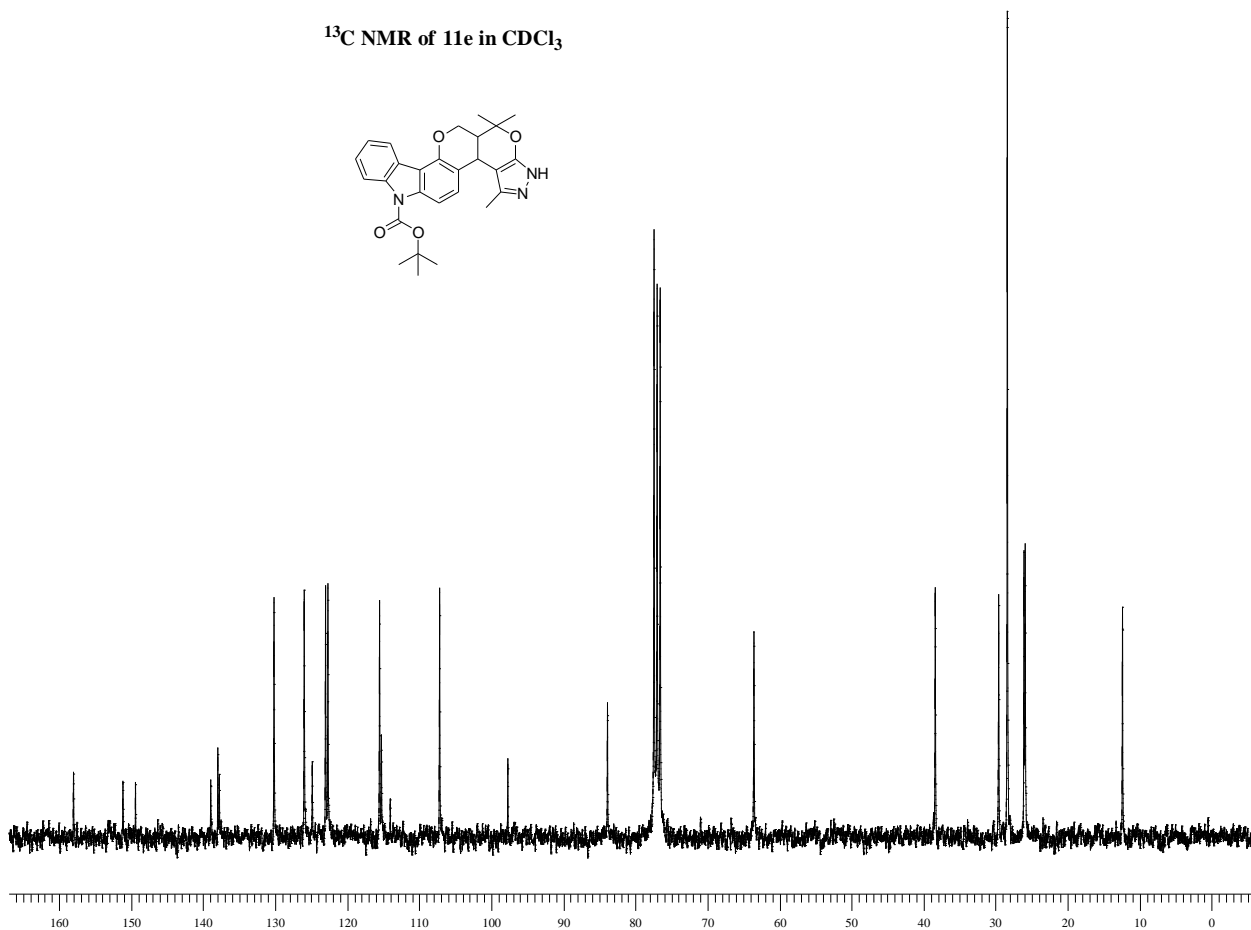
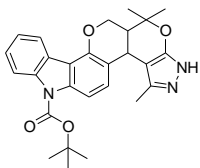
<sup>13</sup>C NMR of 11d in CDCl<sub>3</sub>



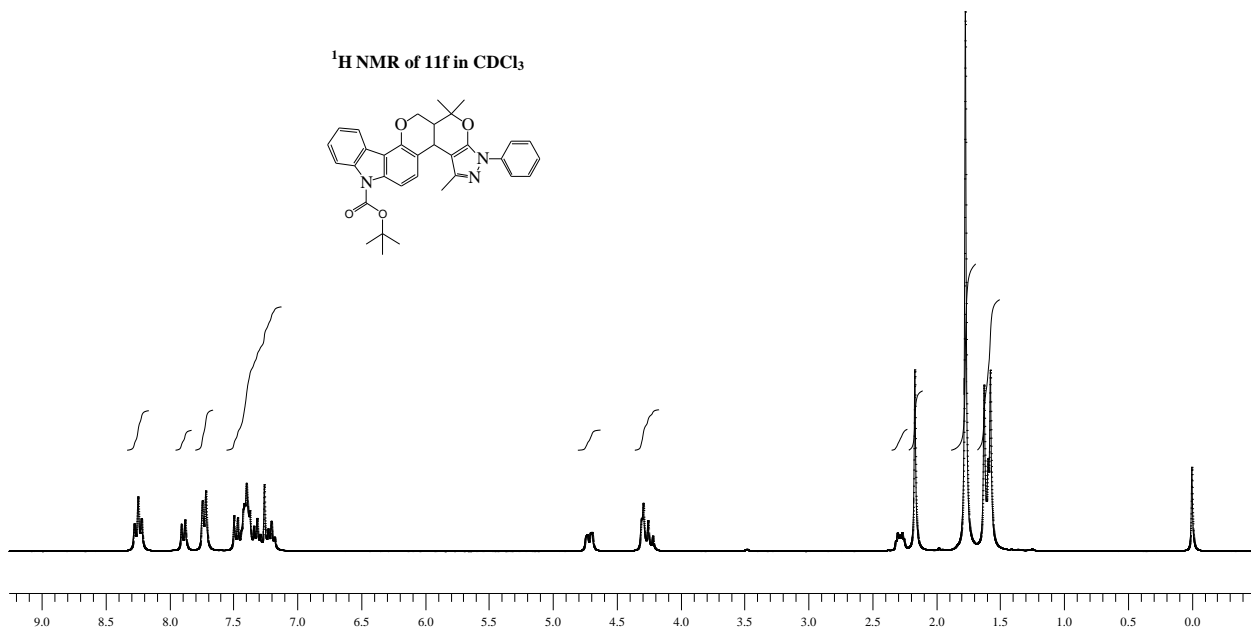
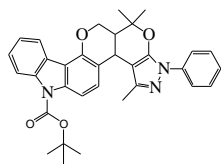
<sup>1</sup>H NMR of 11e in CDCl<sub>3</sub>



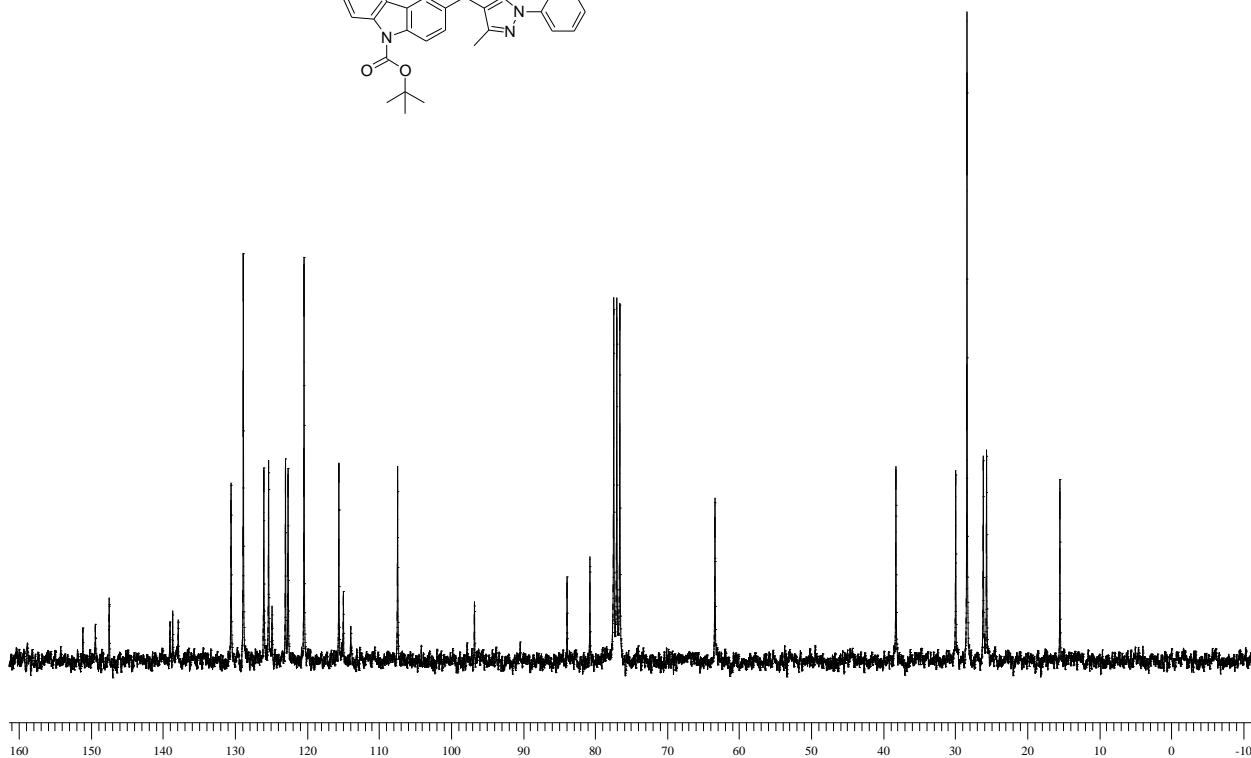
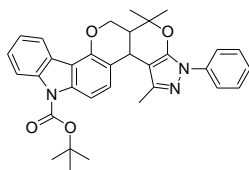
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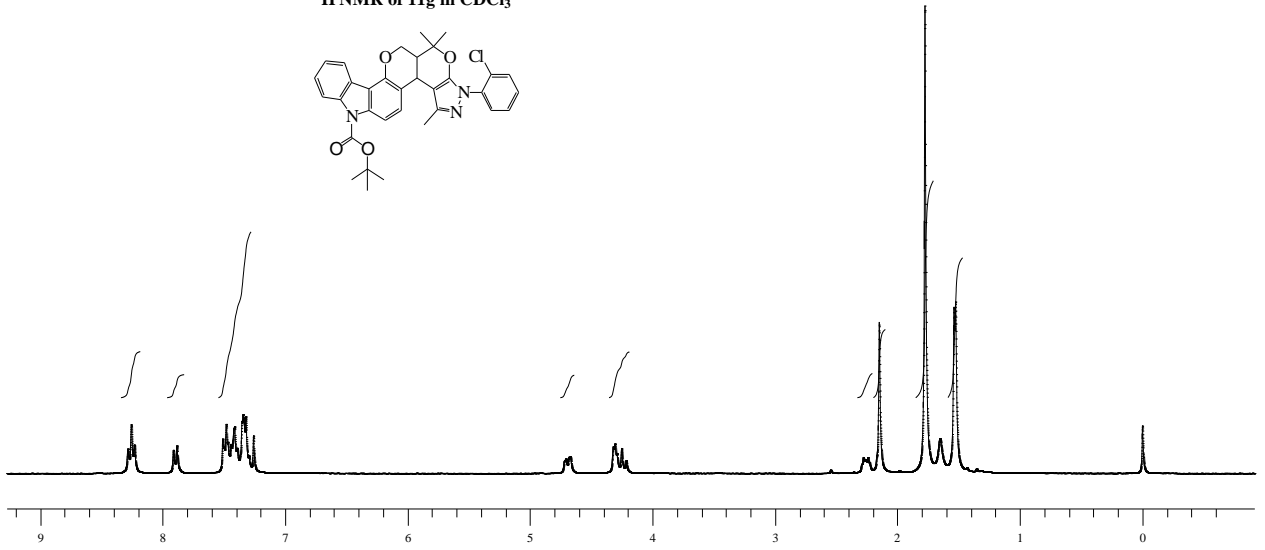
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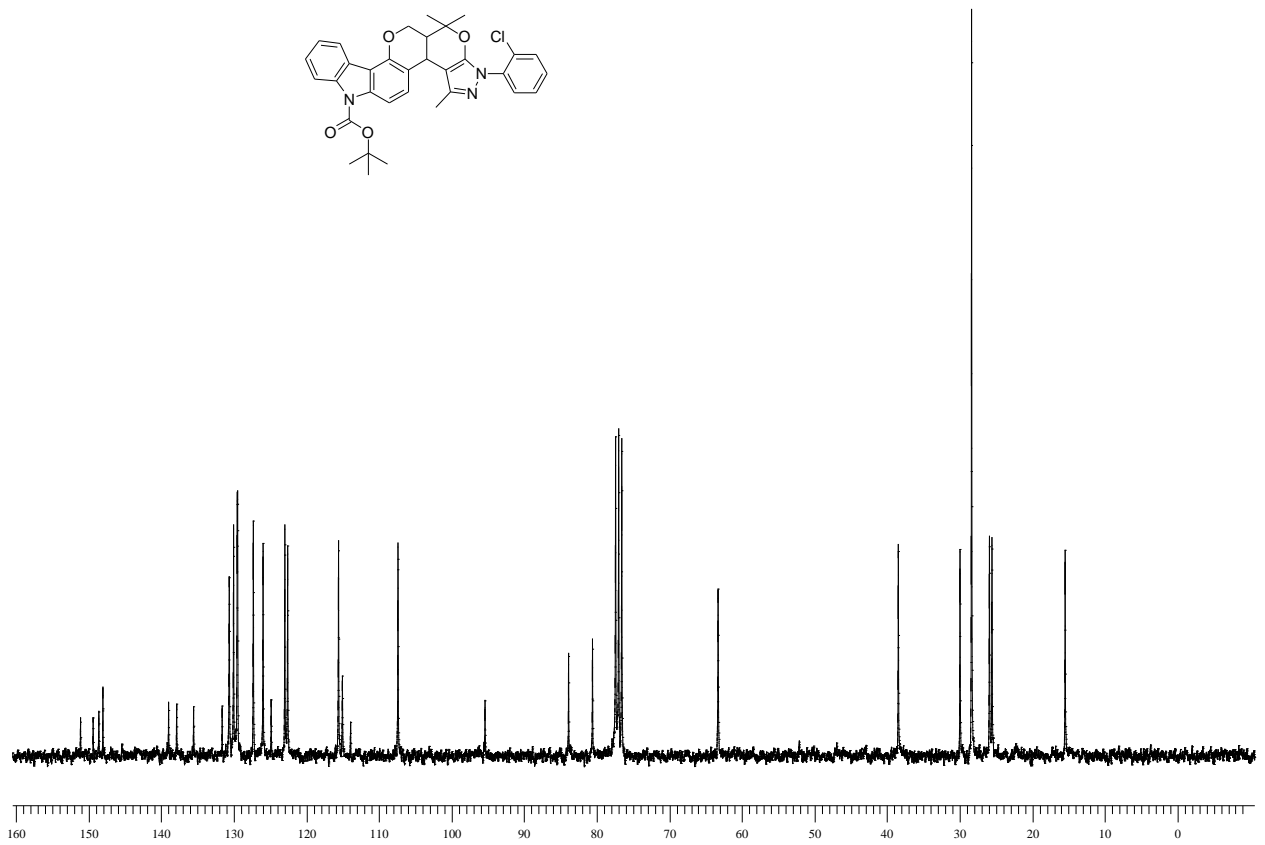
<sup>13</sup>C NMR of 11f in CDCl<sub>3</sub>



<sup>1</sup>H NMR of 11g in CDCl<sub>3</sub>

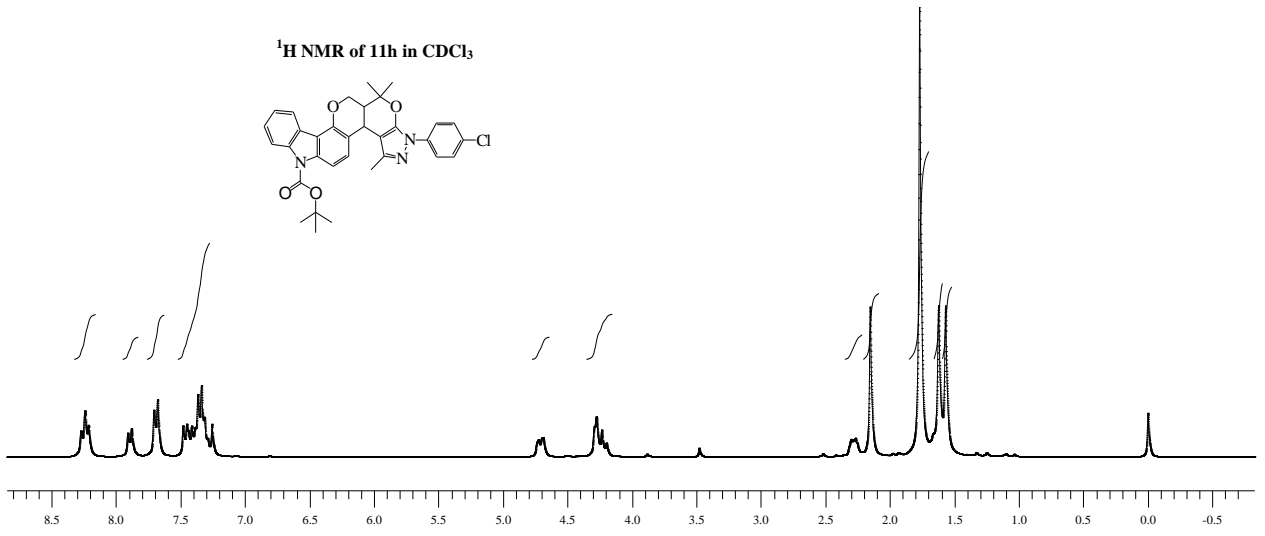


<sup>13</sup>C NMR of 11g in CDCl<sub>3</sub>

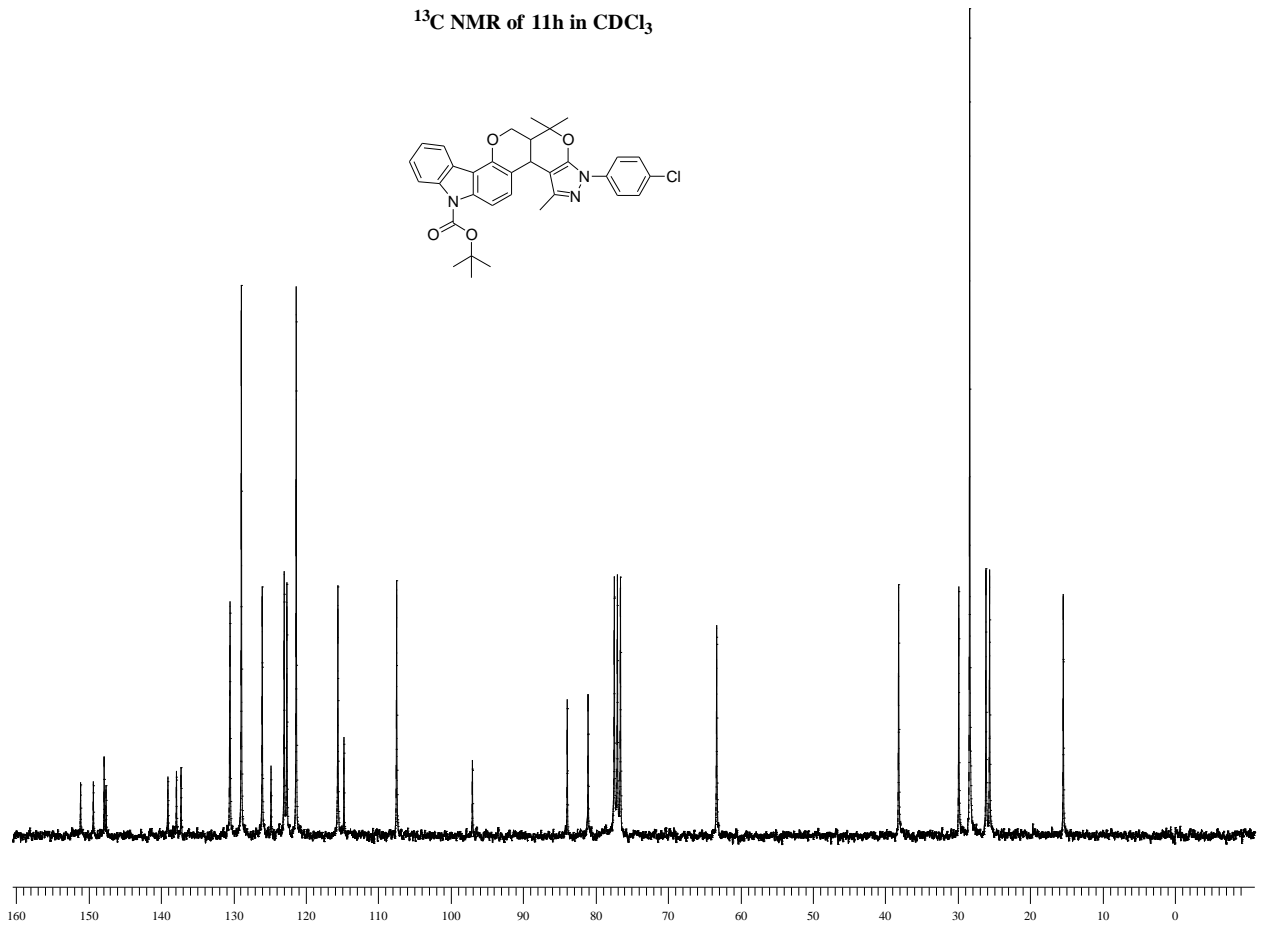




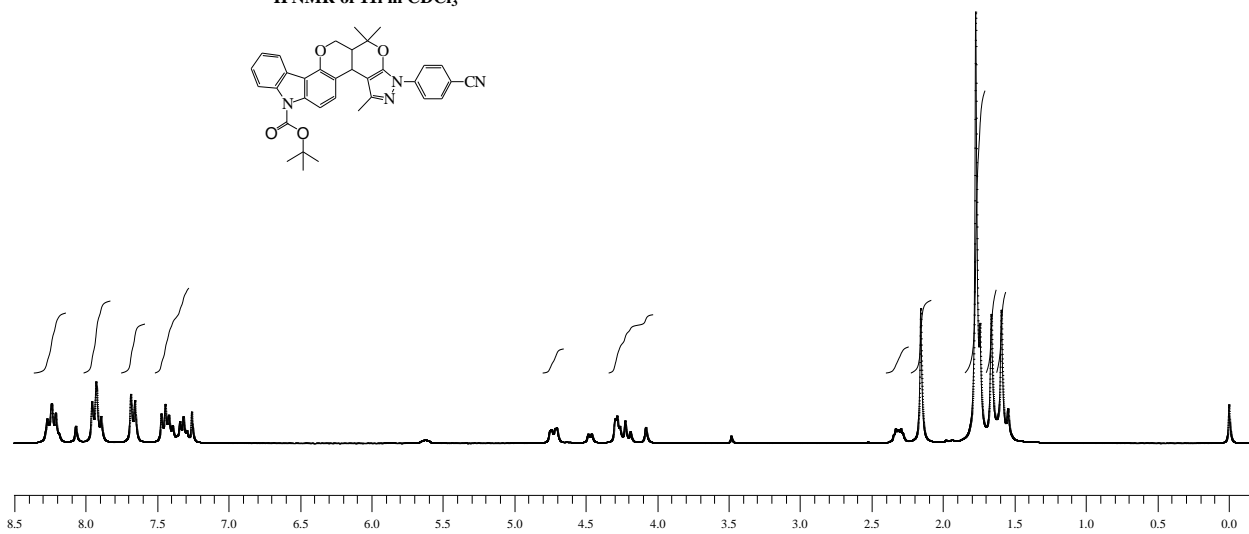
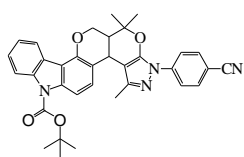
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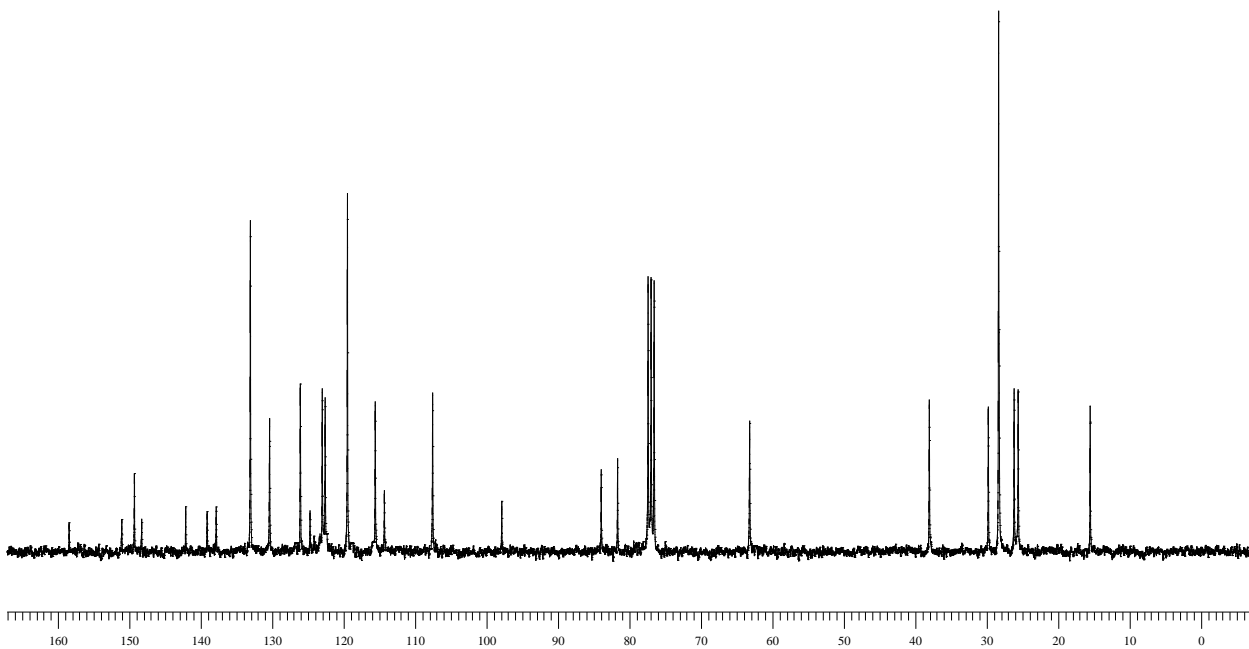
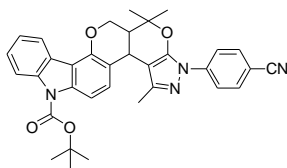
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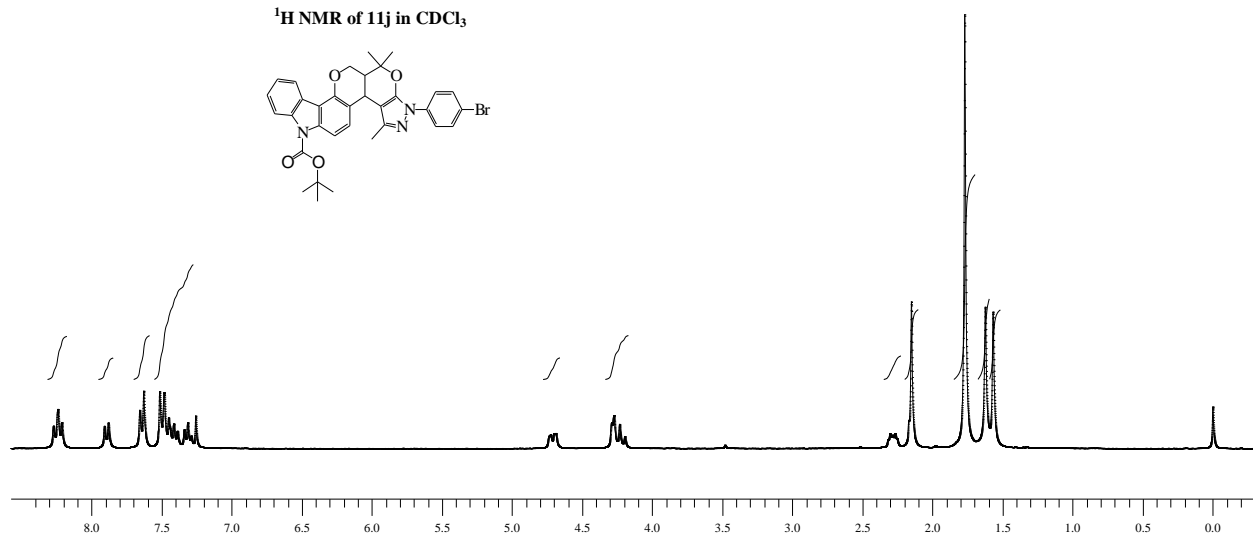
**<sup>1</sup>H NMR of 11i in CDCl<sub>3</sub>**



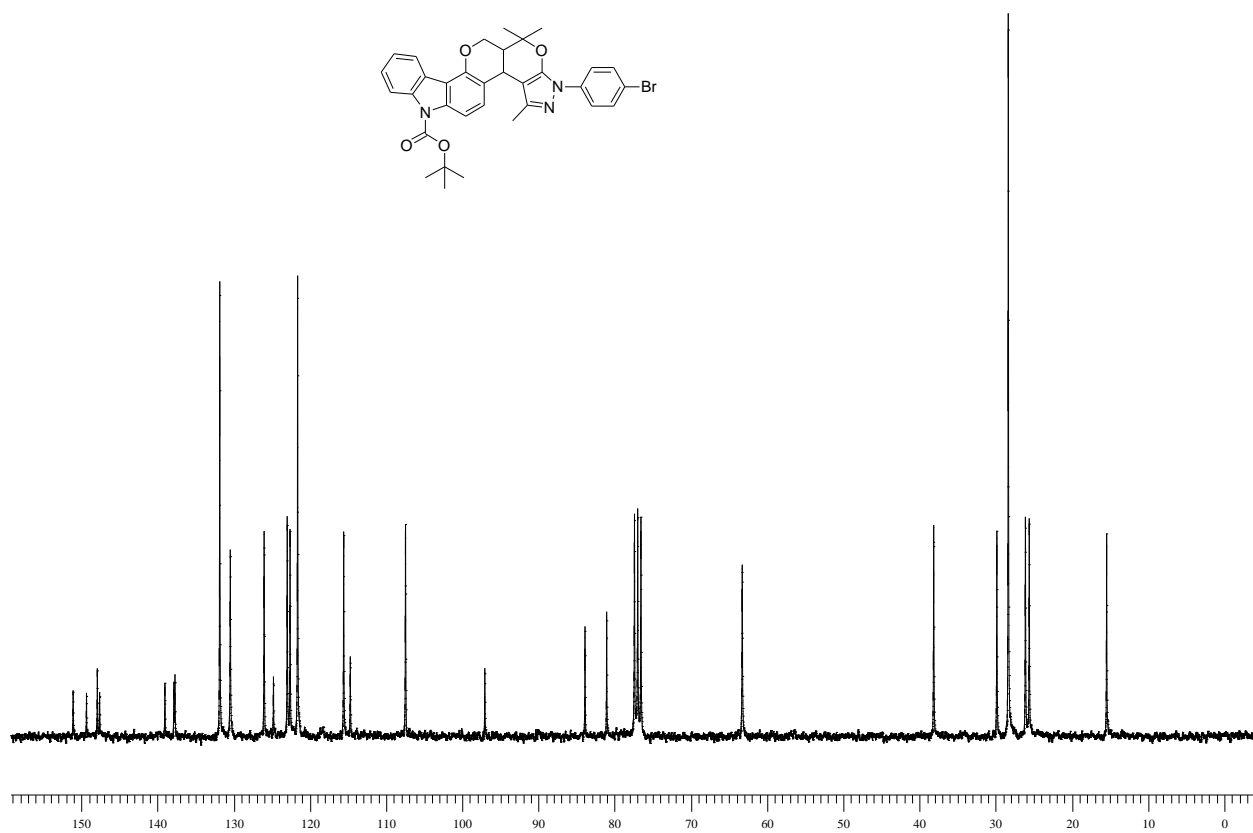
**<sup>13</sup>C NMR of 11i in CDCl<sub>3</sub>**



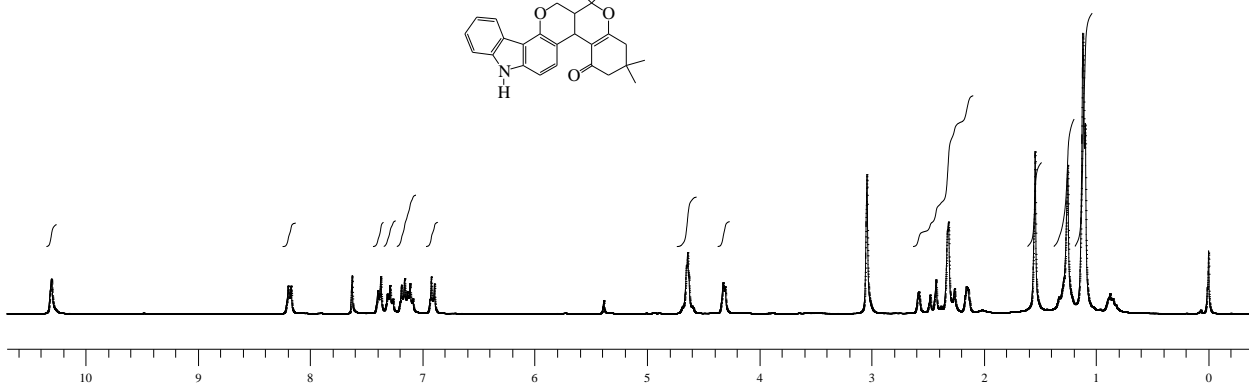
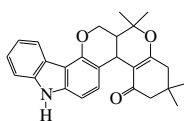
**<sup>1</sup>H NMR of 11j in CDCl<sub>3</sub>**



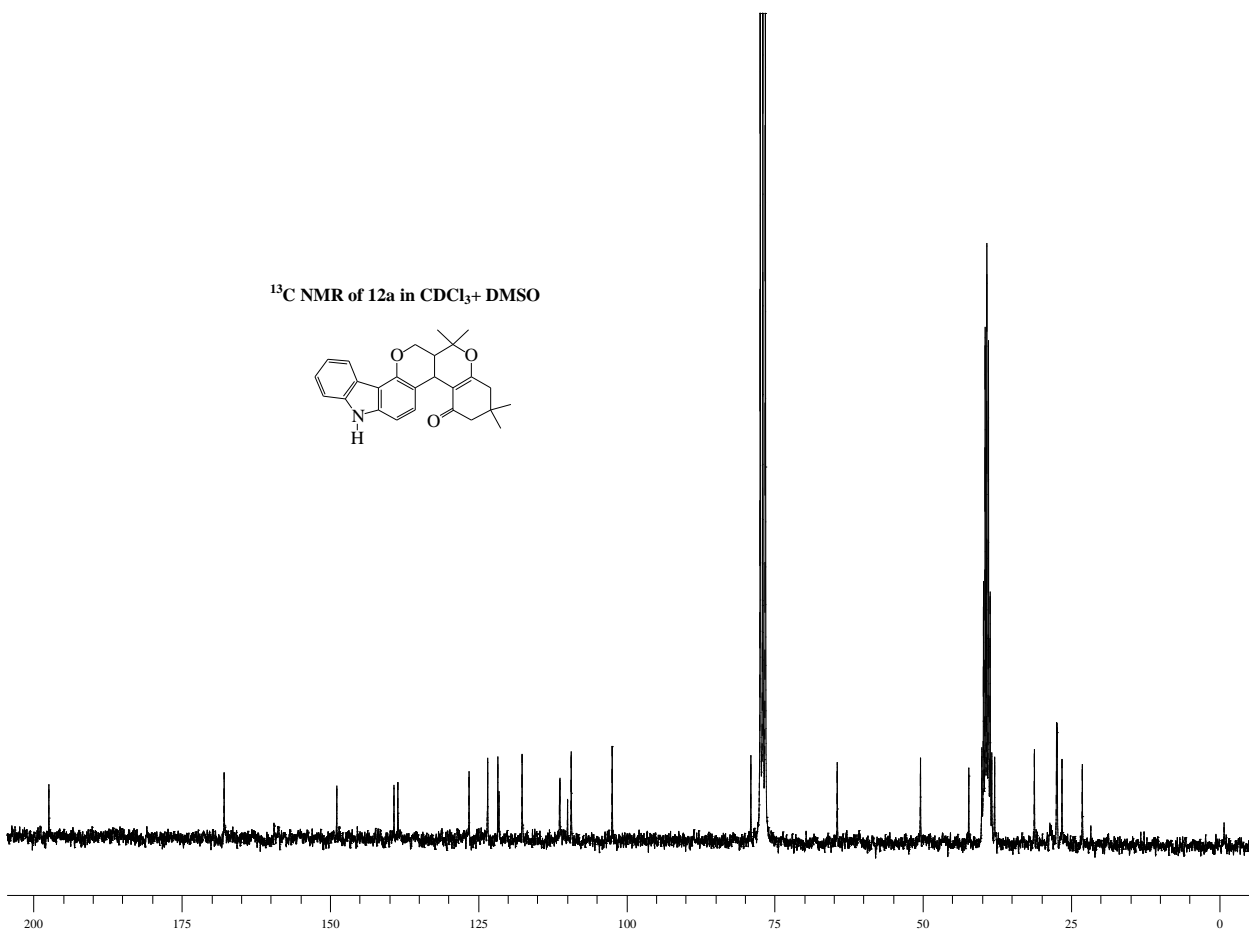
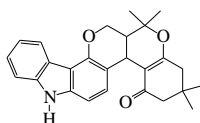
**<sup>13</sup>C NMR of 11j in CDCl<sub>3</sub>**



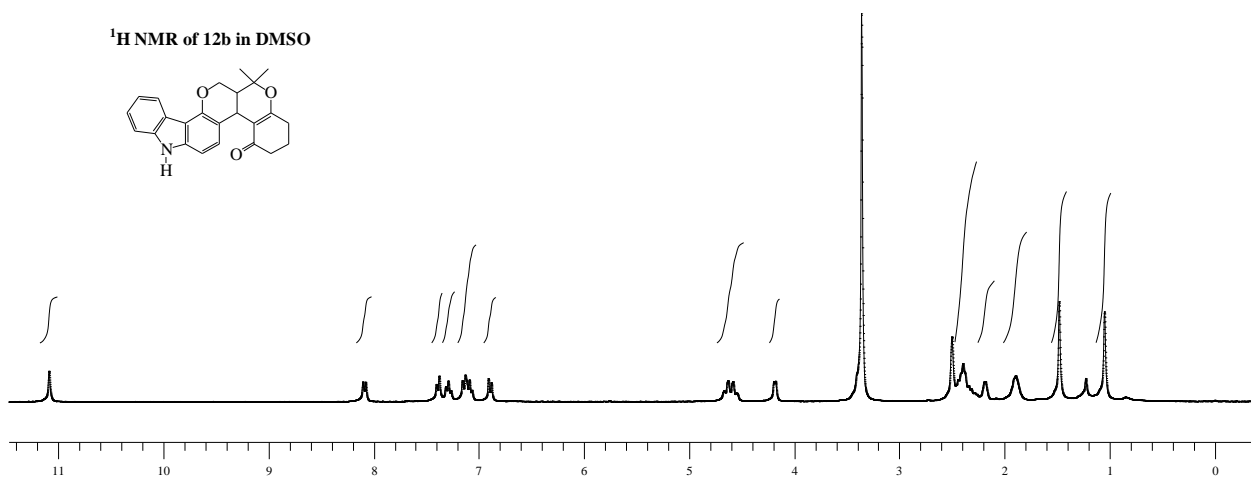
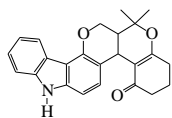
<sup>1</sup>H NMR of 12a in CDCl<sub>3</sub>



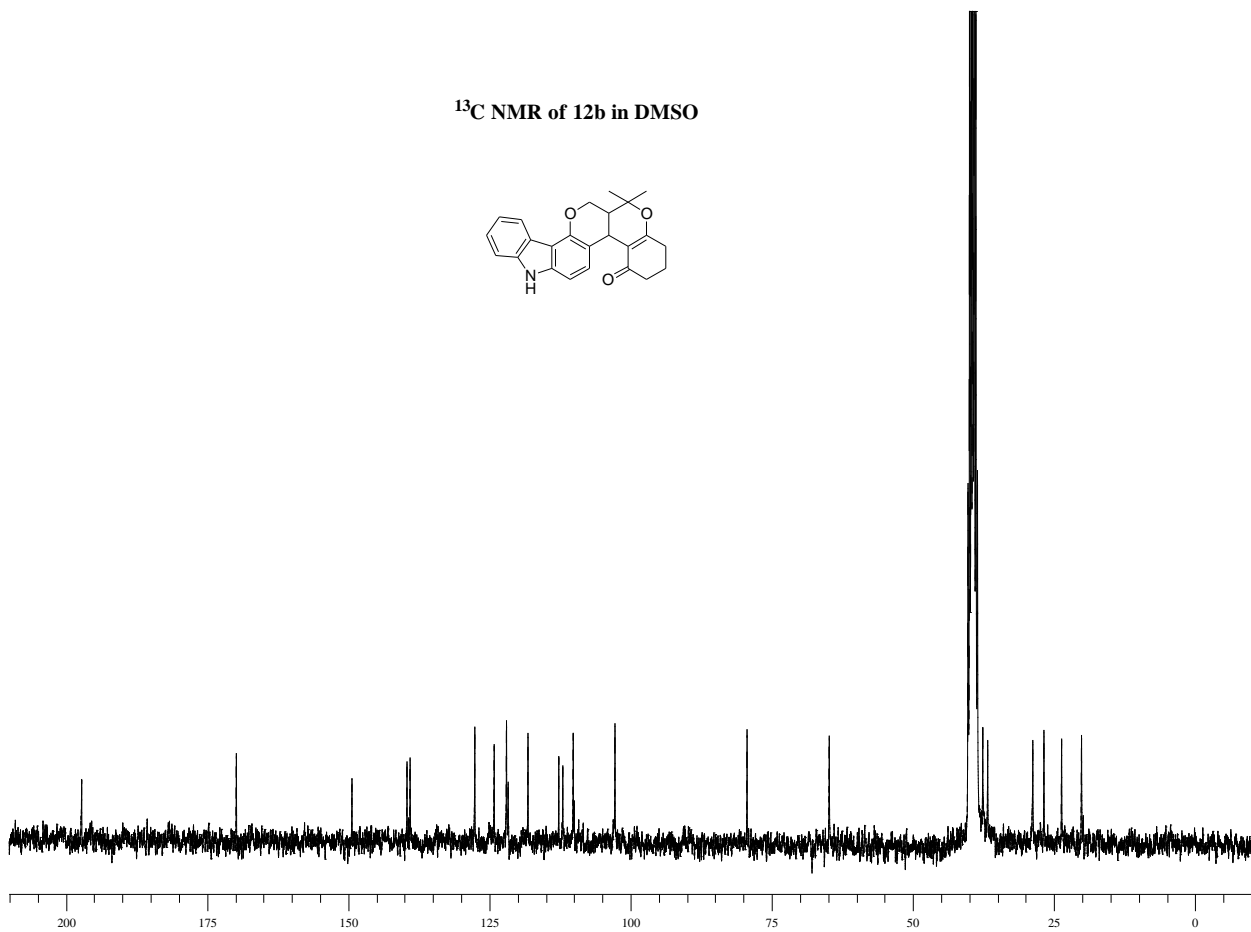
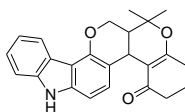
<sup>13</sup>C NMR of 12a in CDCl<sub>3</sub>+ DMSO



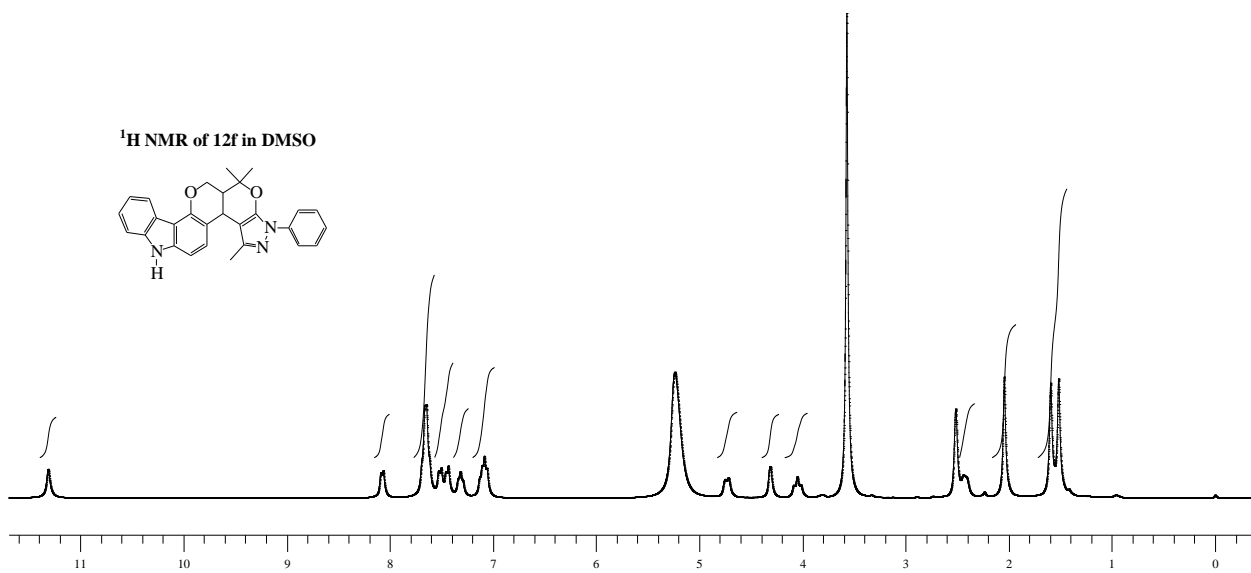
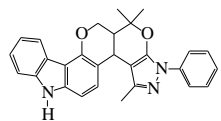
**<sup>1</sup>H NMR of 12b in DMSO**



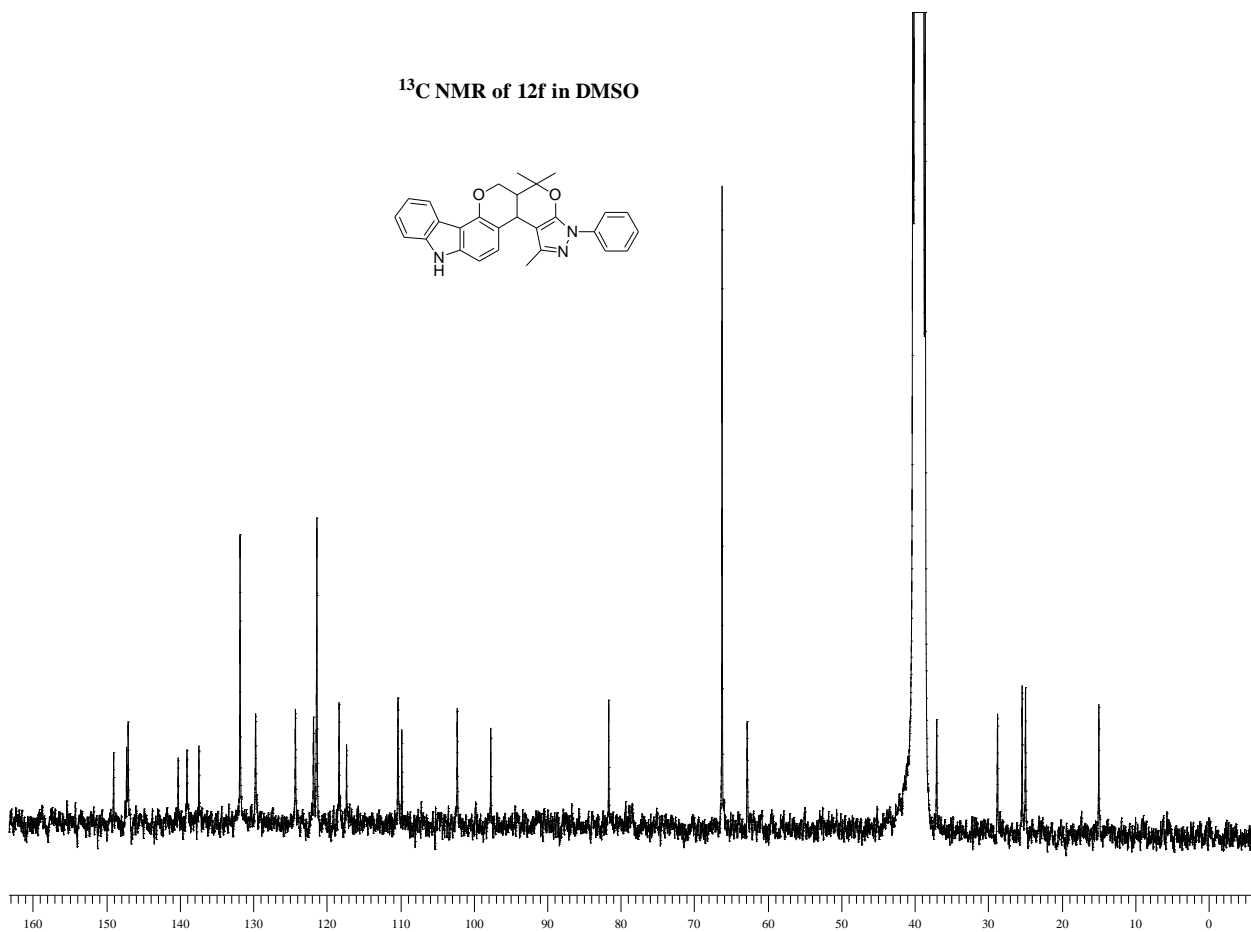
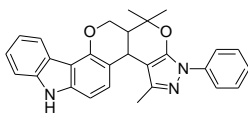
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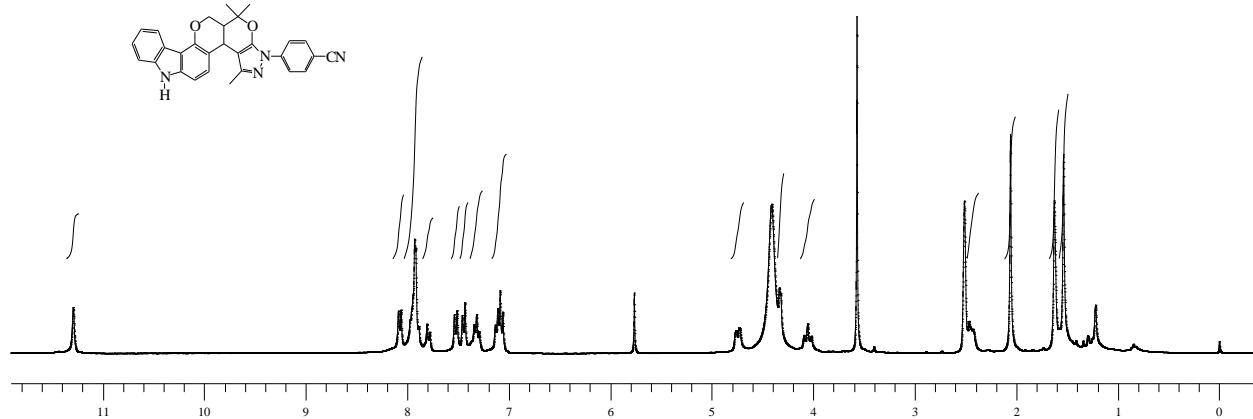
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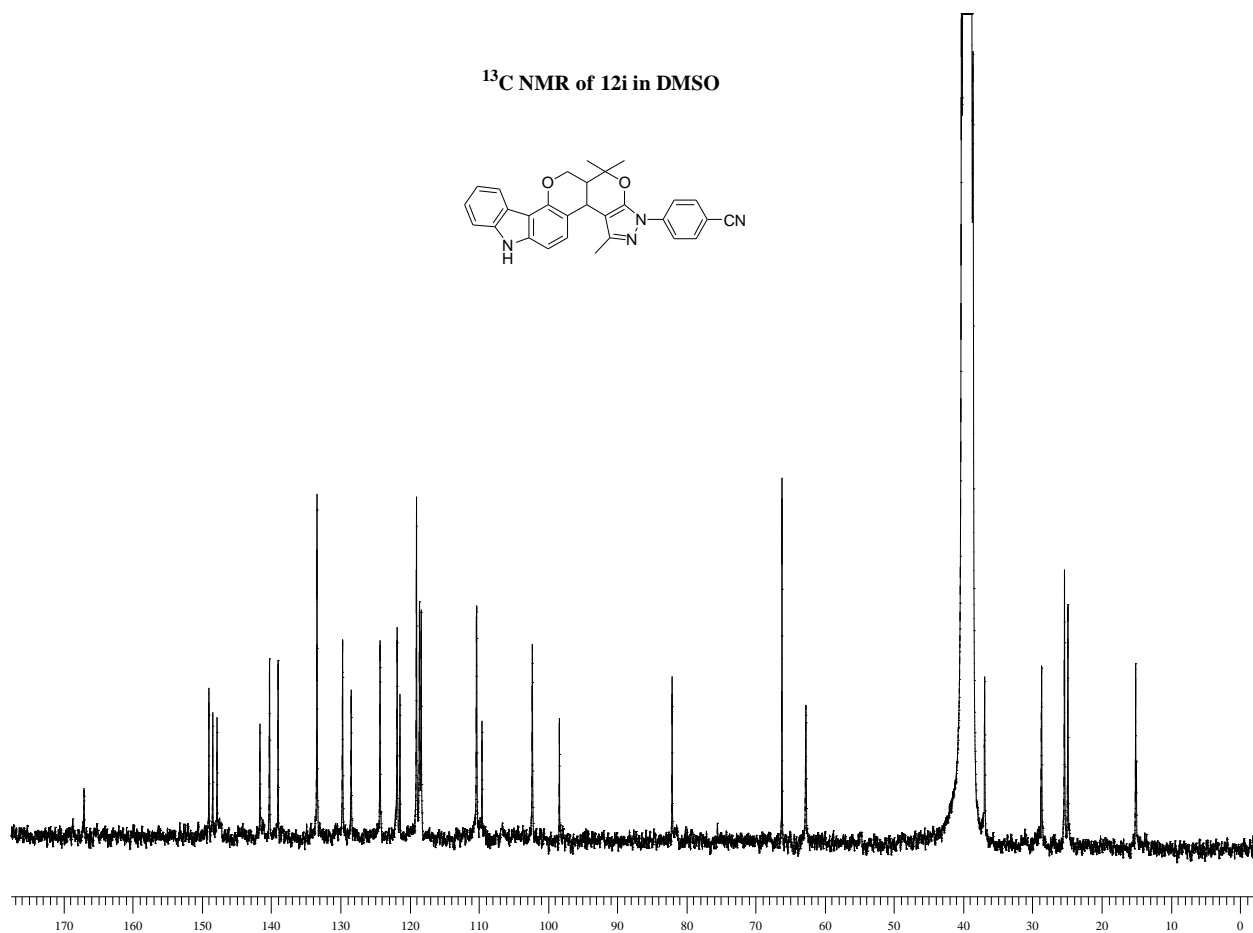
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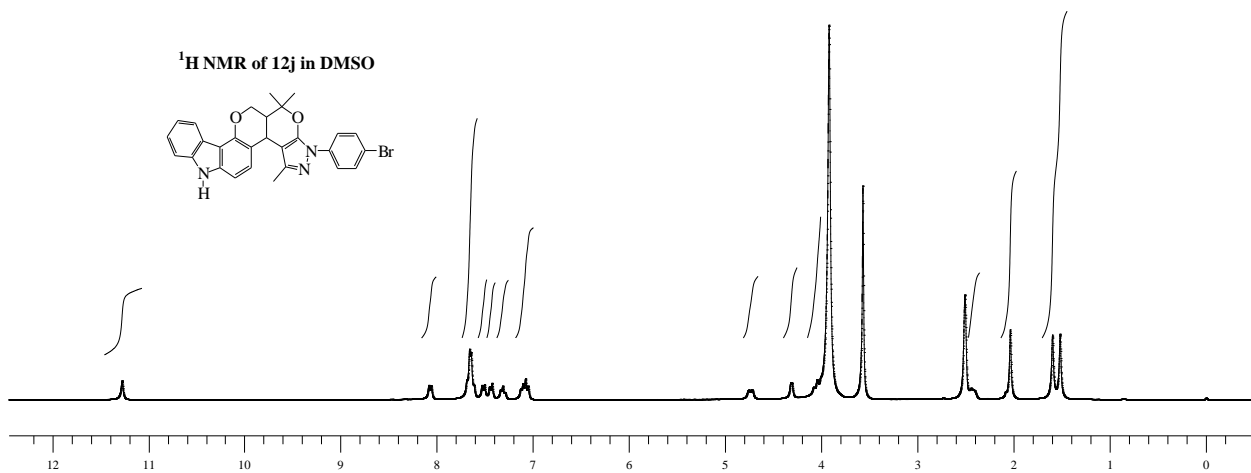
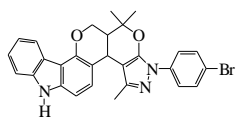
**<sup>1</sup>H NMR of 12i in DMSO**



**<sup>13</sup>C NMR of 12i in DMSO**



<sup>1</sup>H NMR of 12j in DMSO



<sup>13</sup>C NMR of 12j in DMSO

