

Supplementary Data

Synthesis and Biological Evaluation of Isomeric Methoxy Substitutions on Anti-Cancer Indolyl-Pyridinyl-Propenones: Effects on Potency and Mode of Activity

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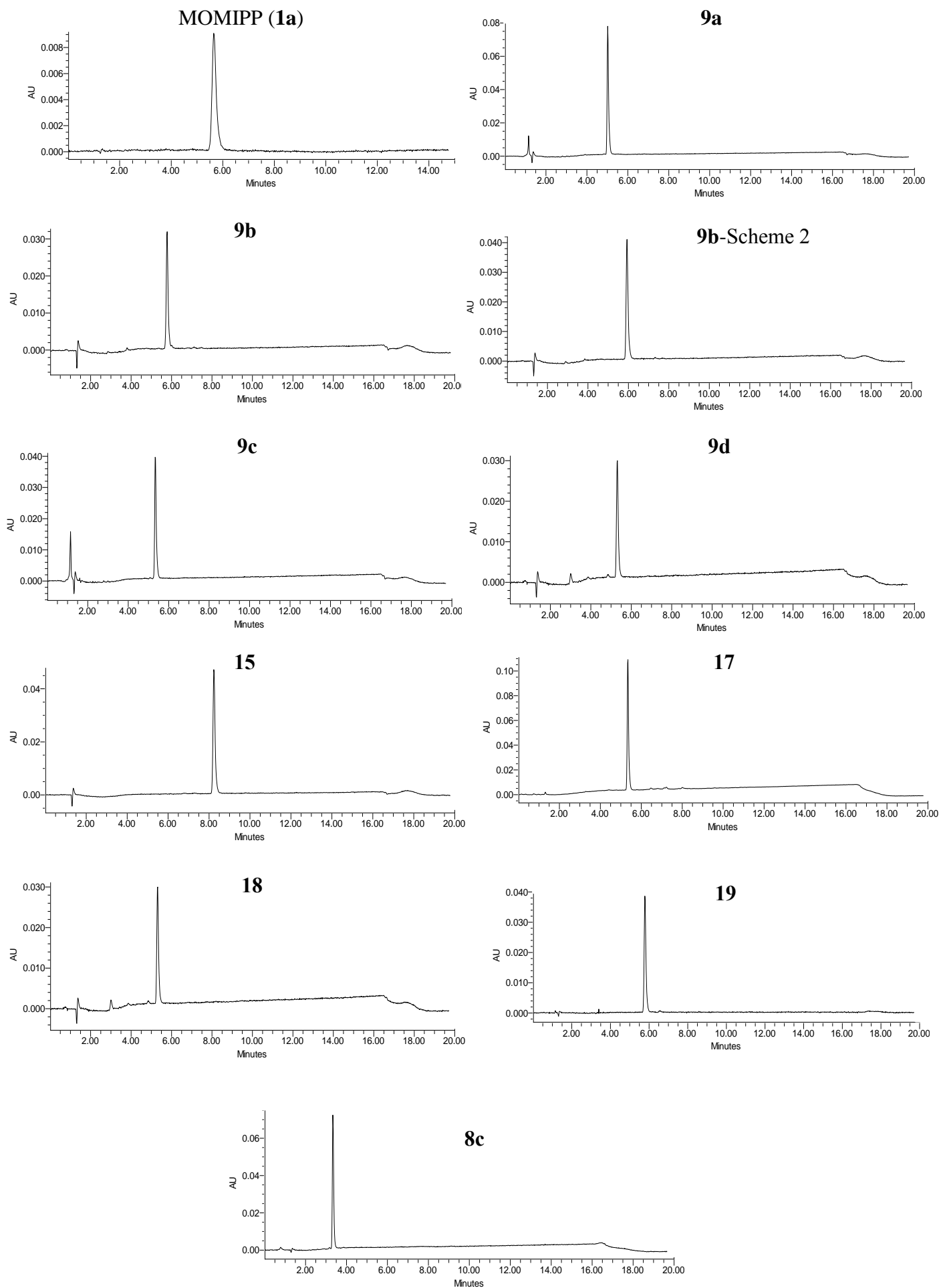
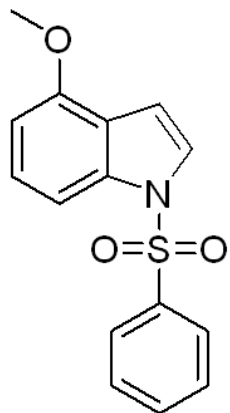
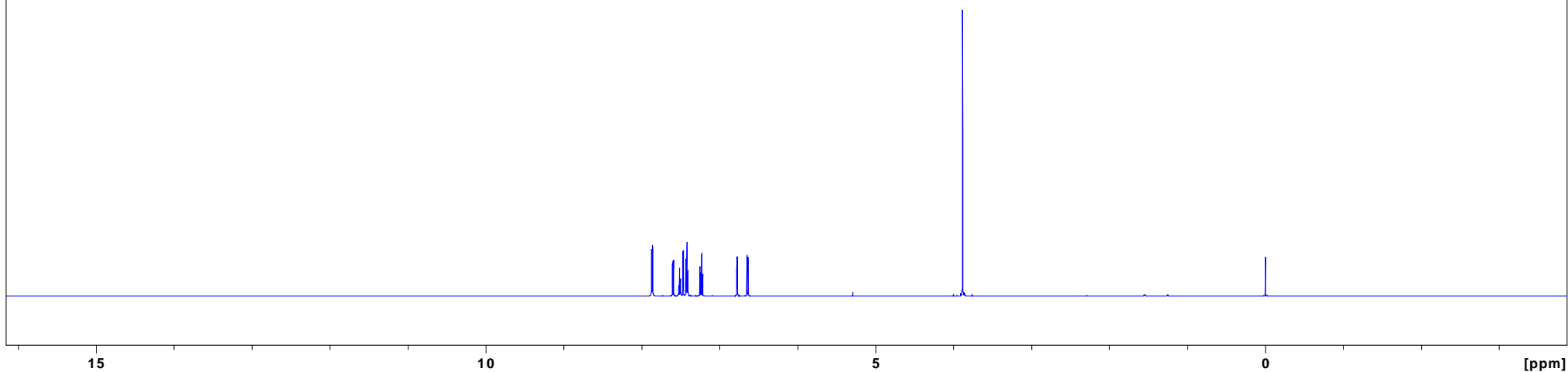


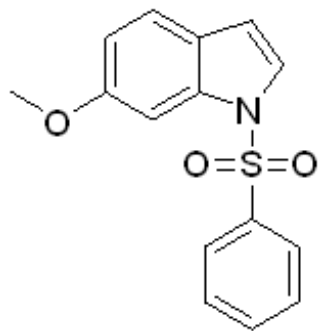
Figure S1. HPLC chromatograms for final targets and intermediate **8c**.



5a

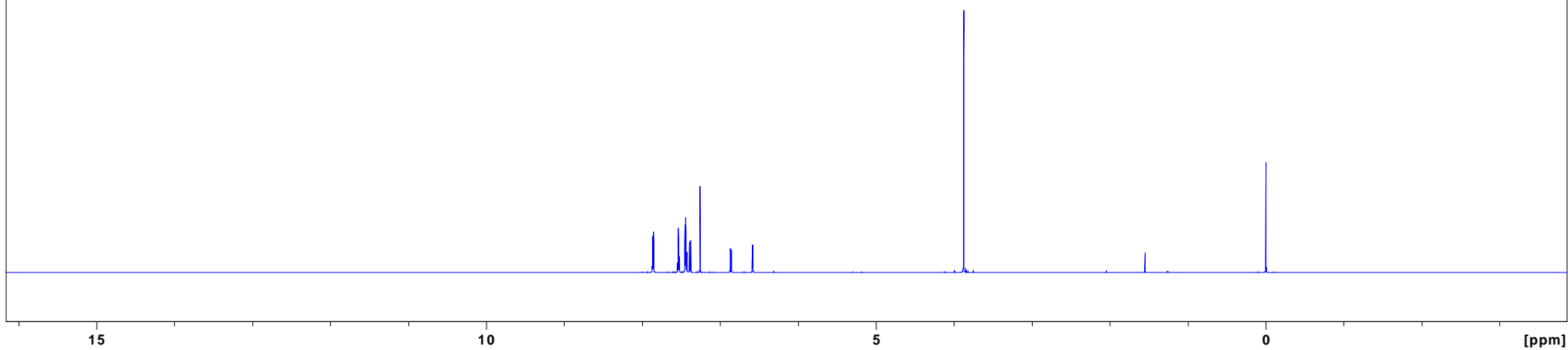
$^1\text{H NMR}$ (600 MHz, CDCl_3)

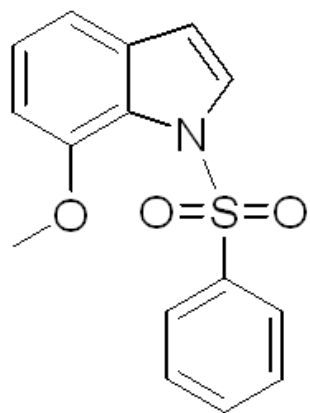




5b

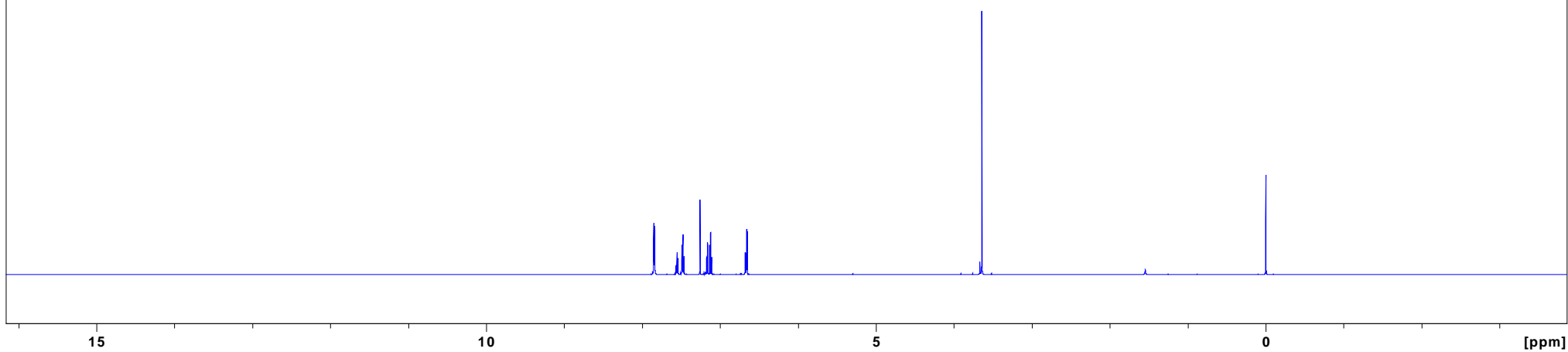
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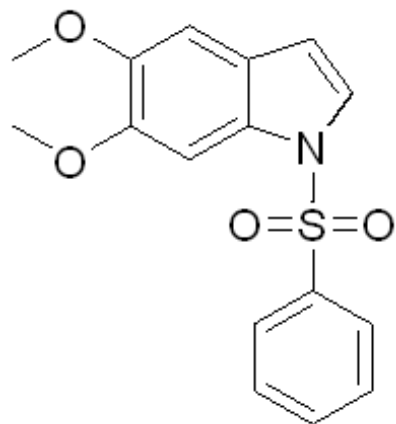




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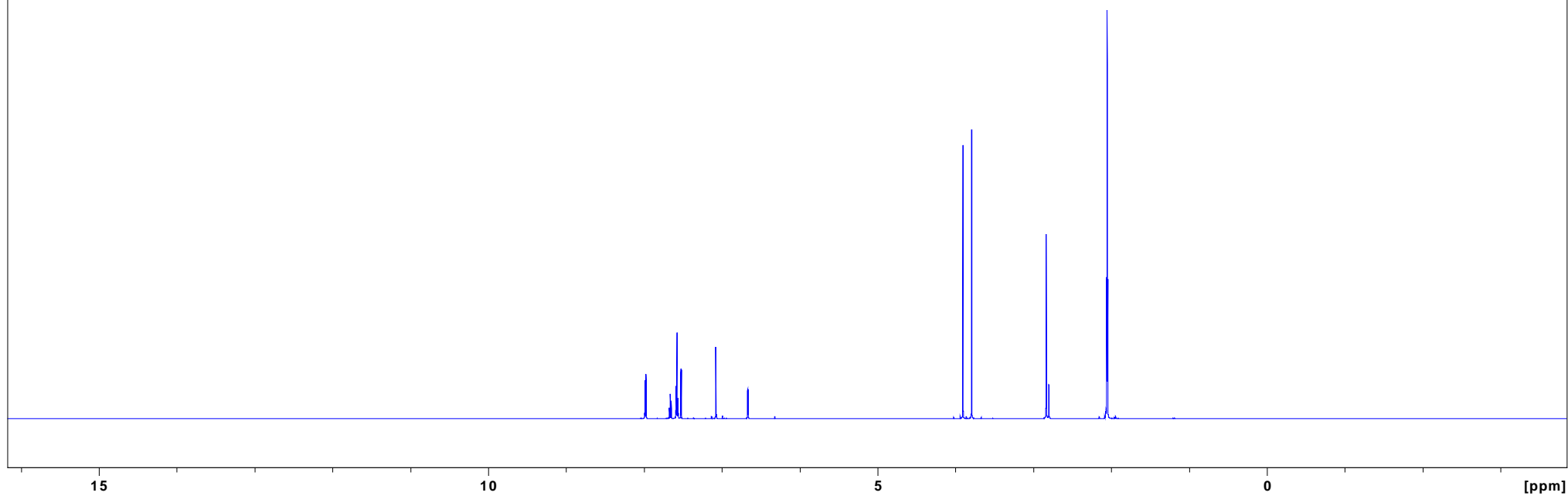
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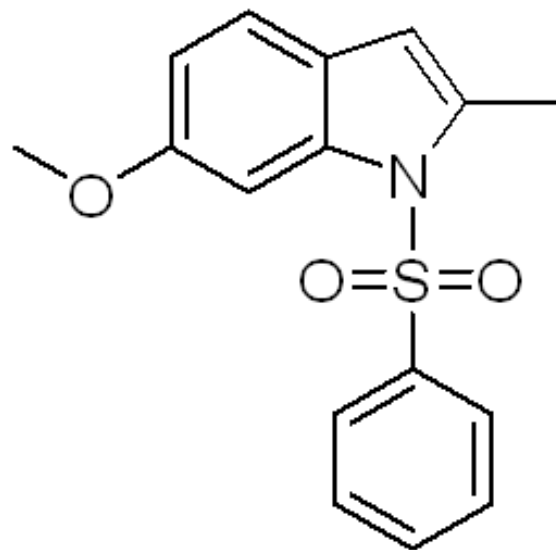




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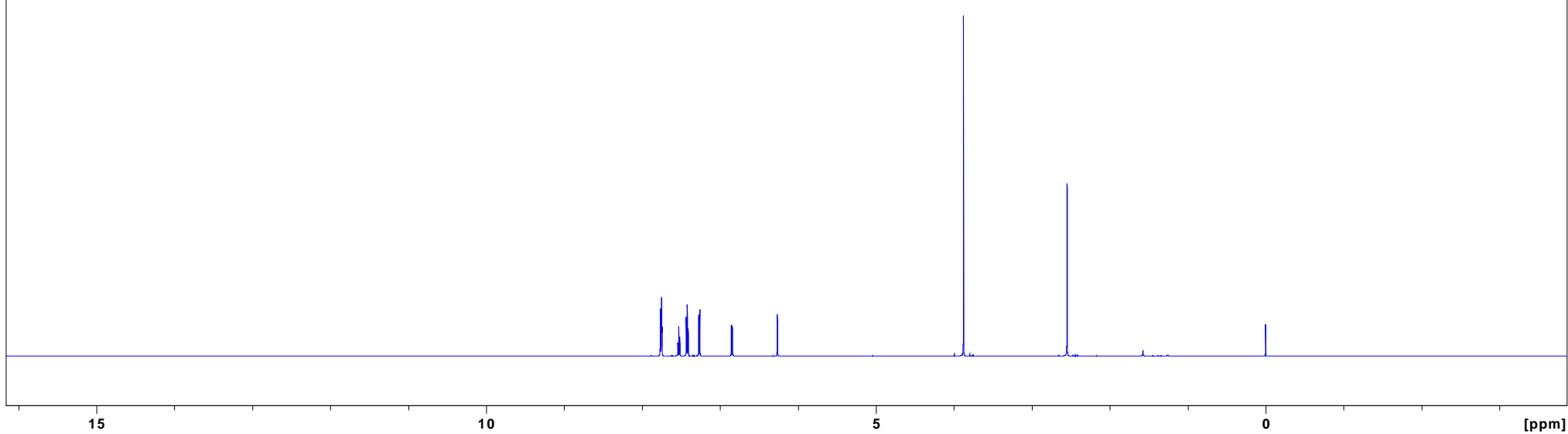
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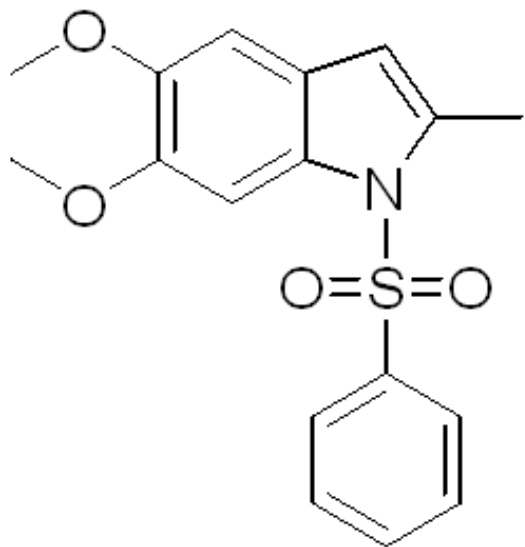




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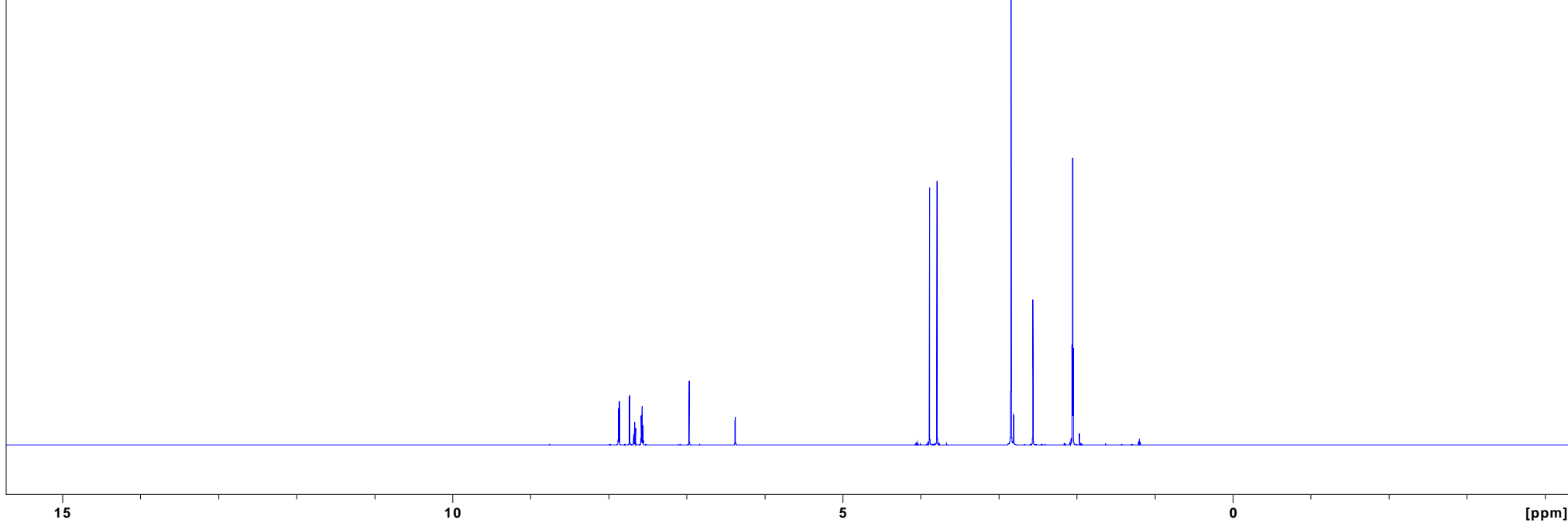
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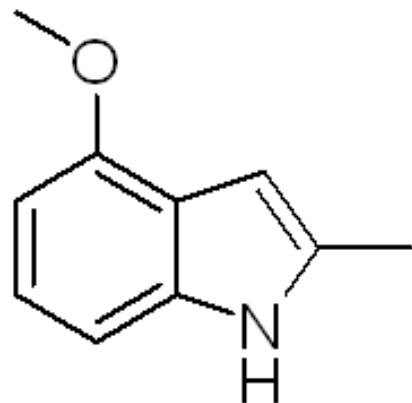




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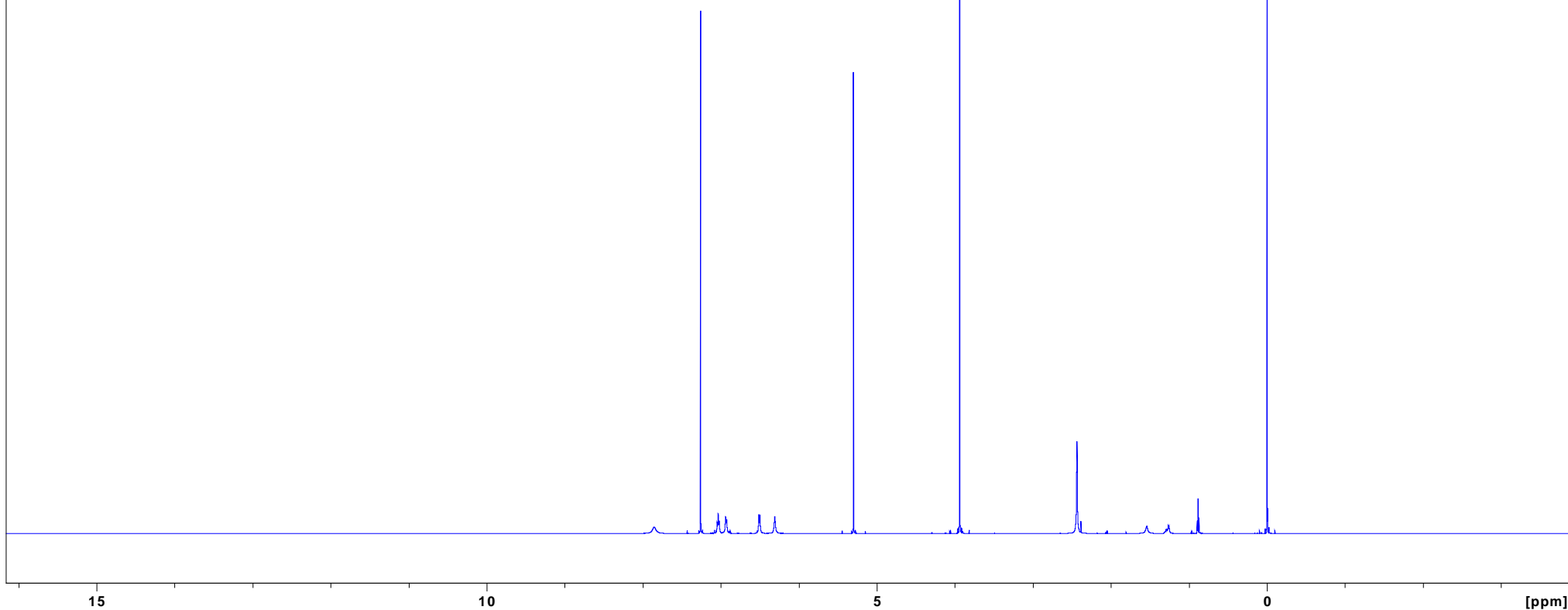
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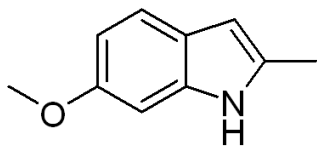




7a

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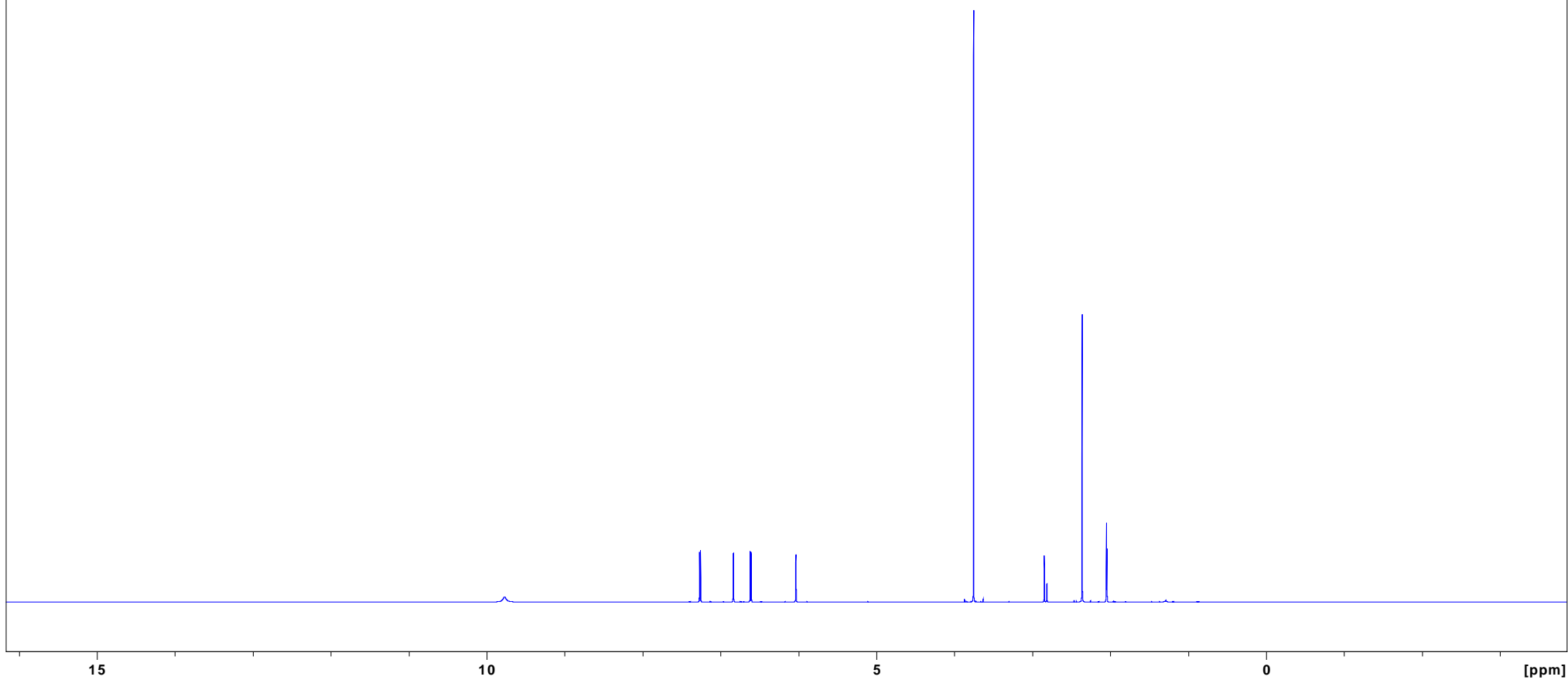


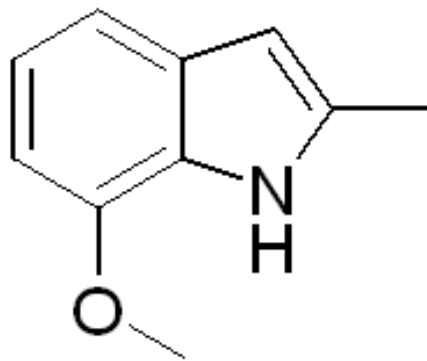


7b

Scheme 2

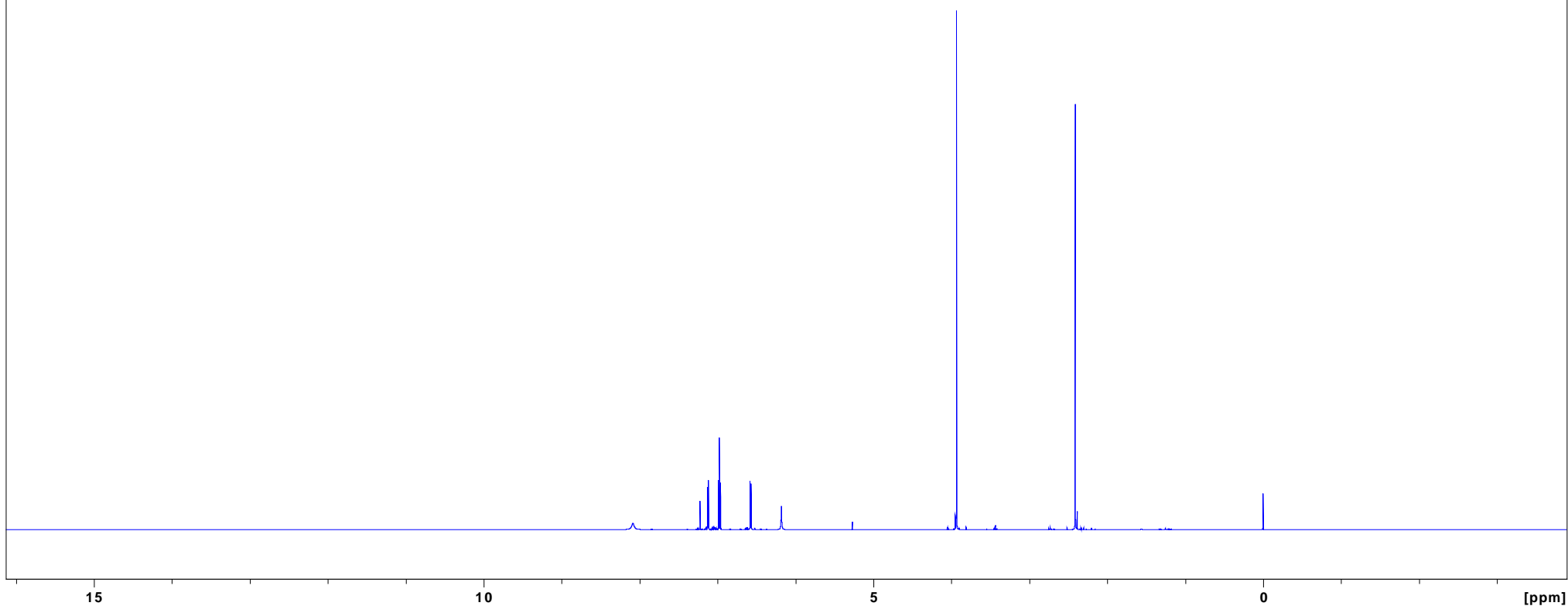
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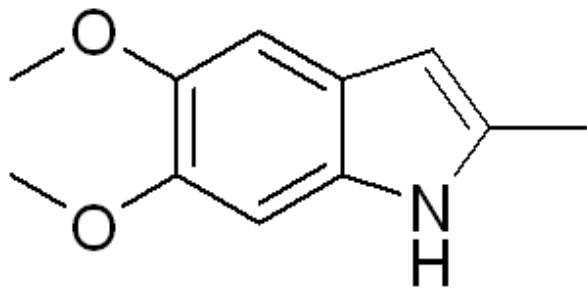




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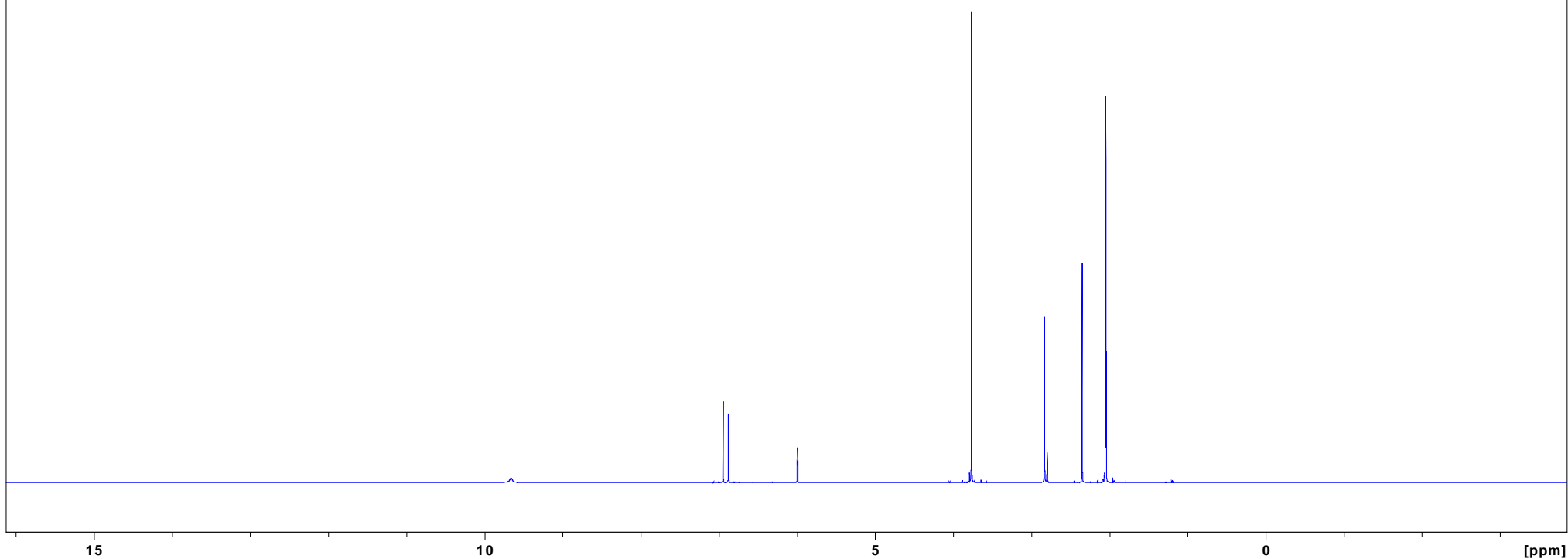
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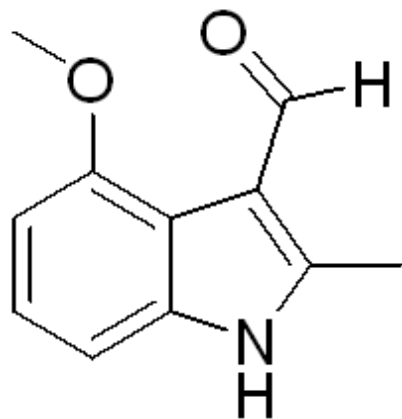




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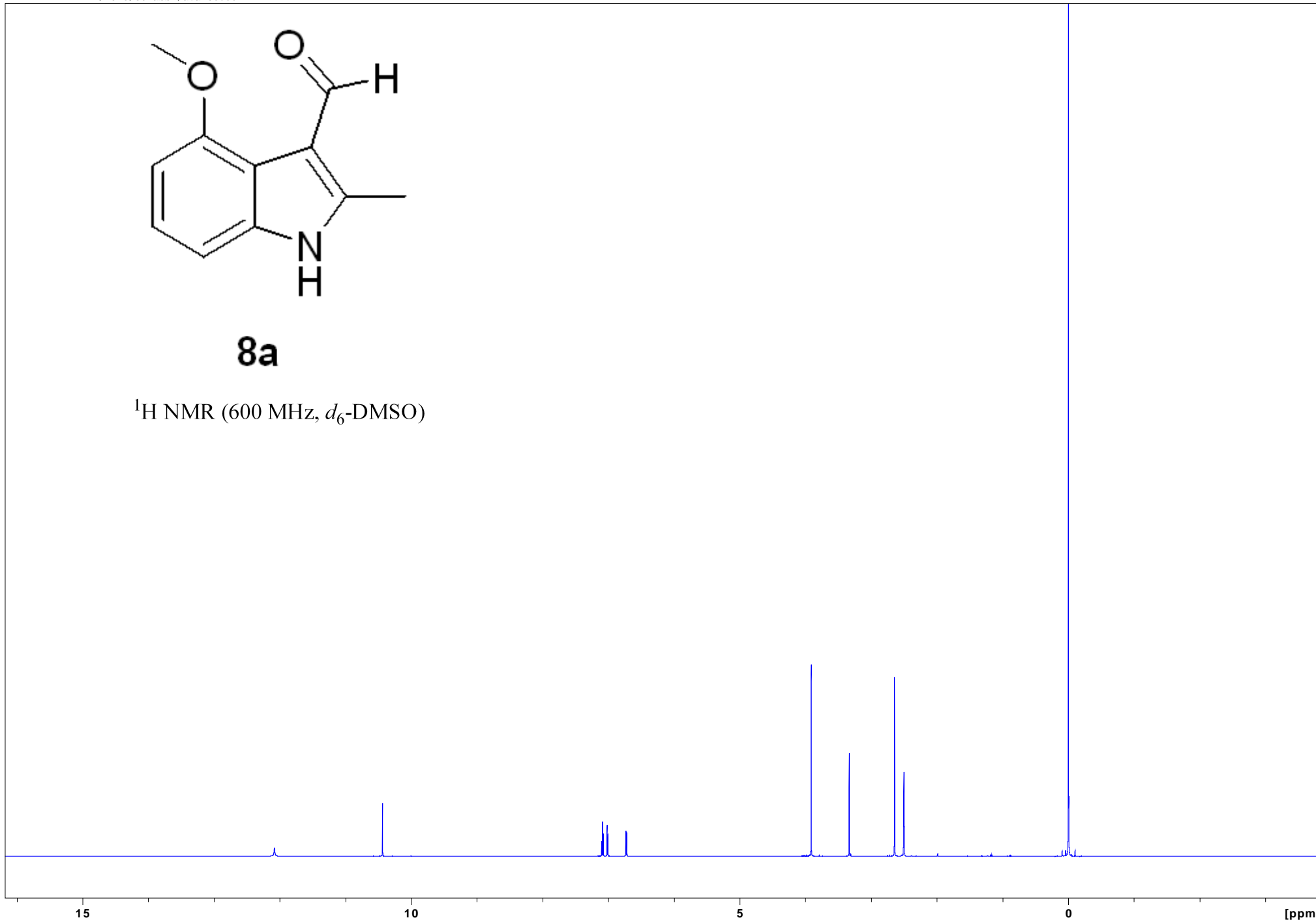
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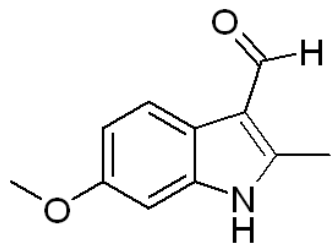




8a

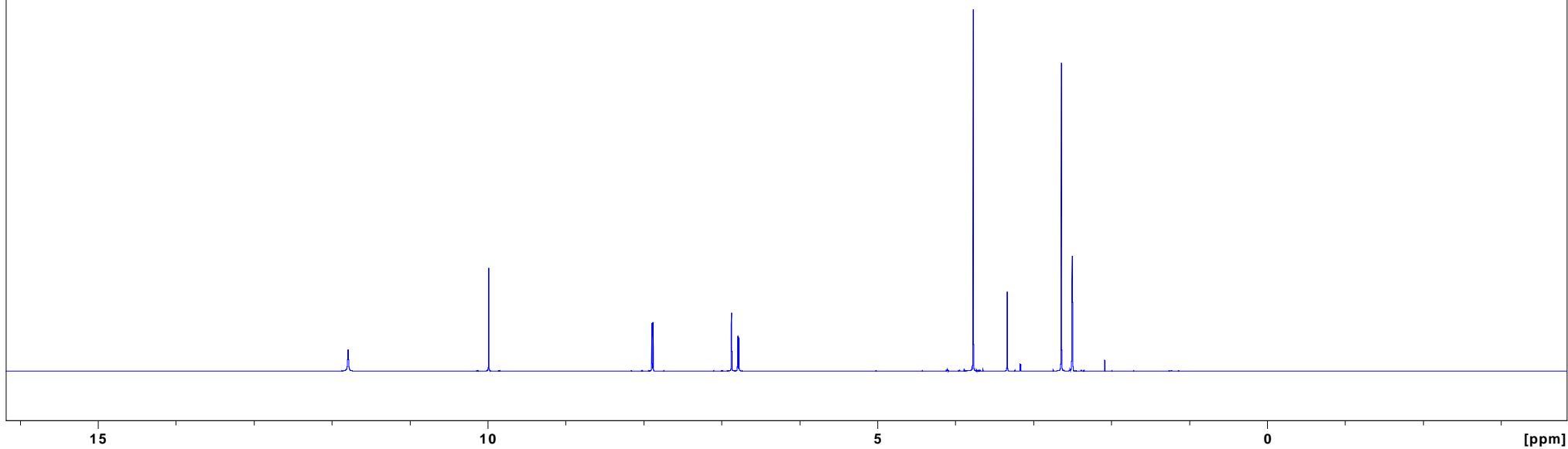
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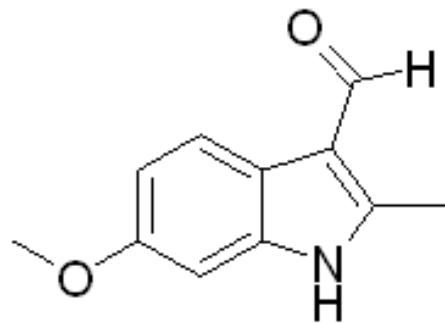




8b

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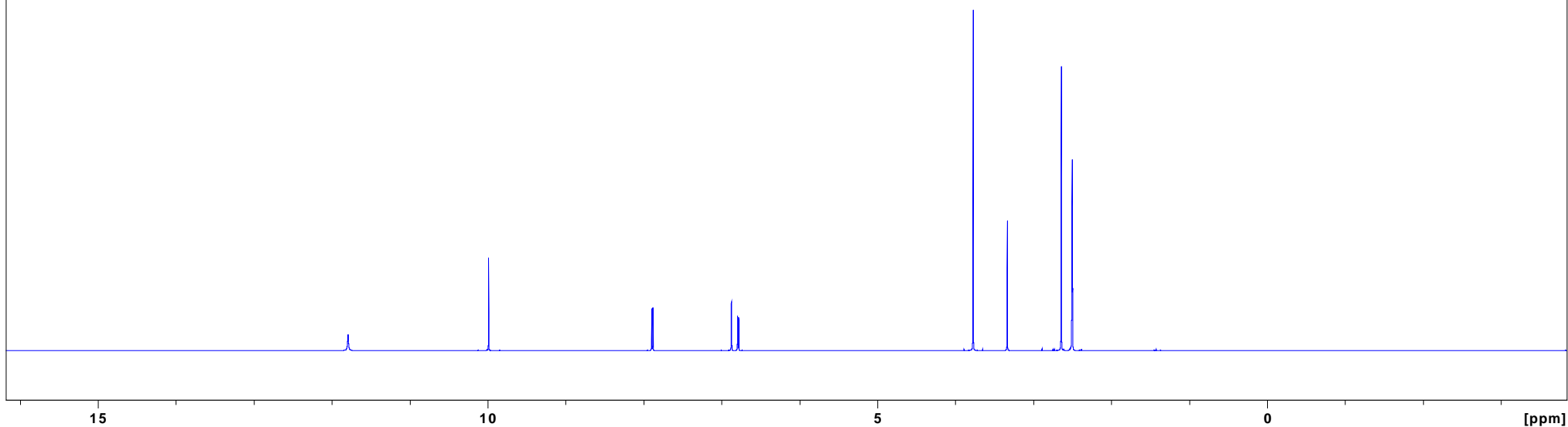


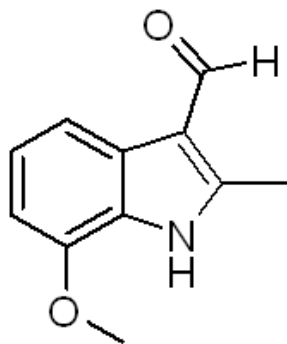


8b

Scheme 2

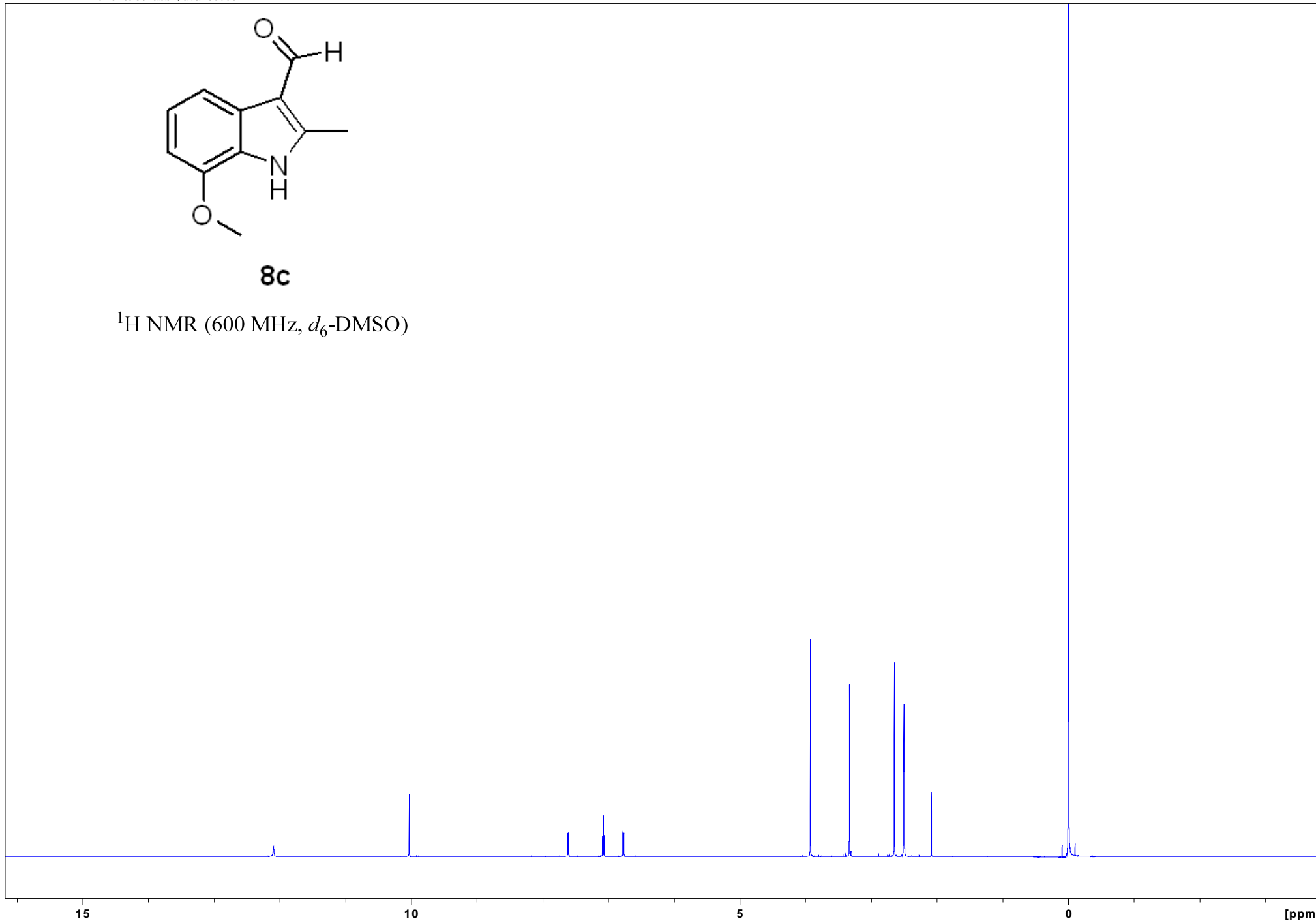
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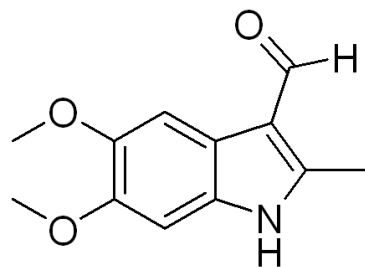




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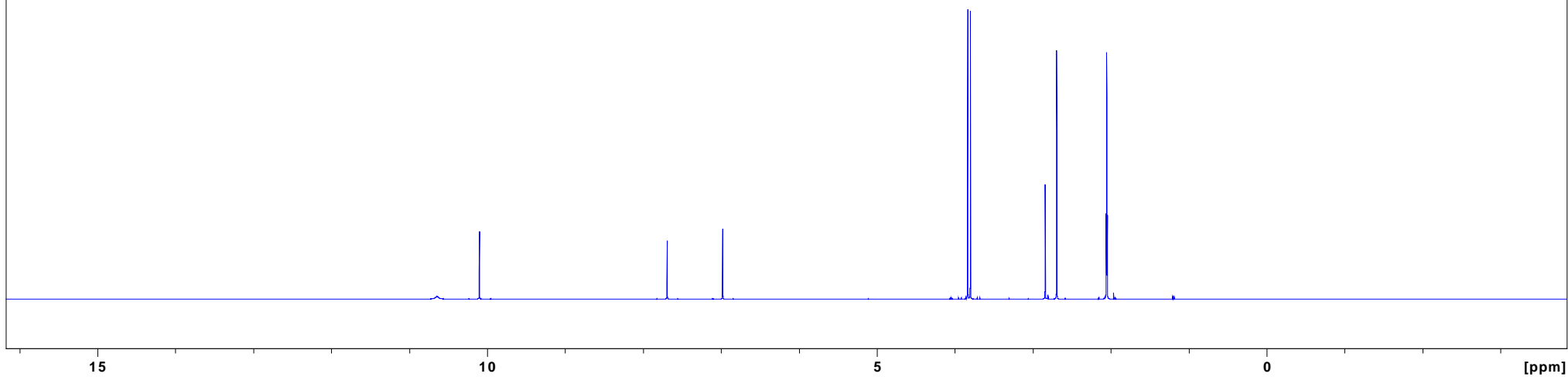
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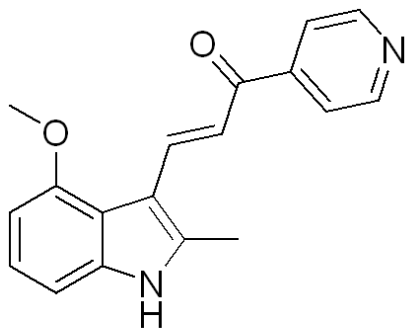




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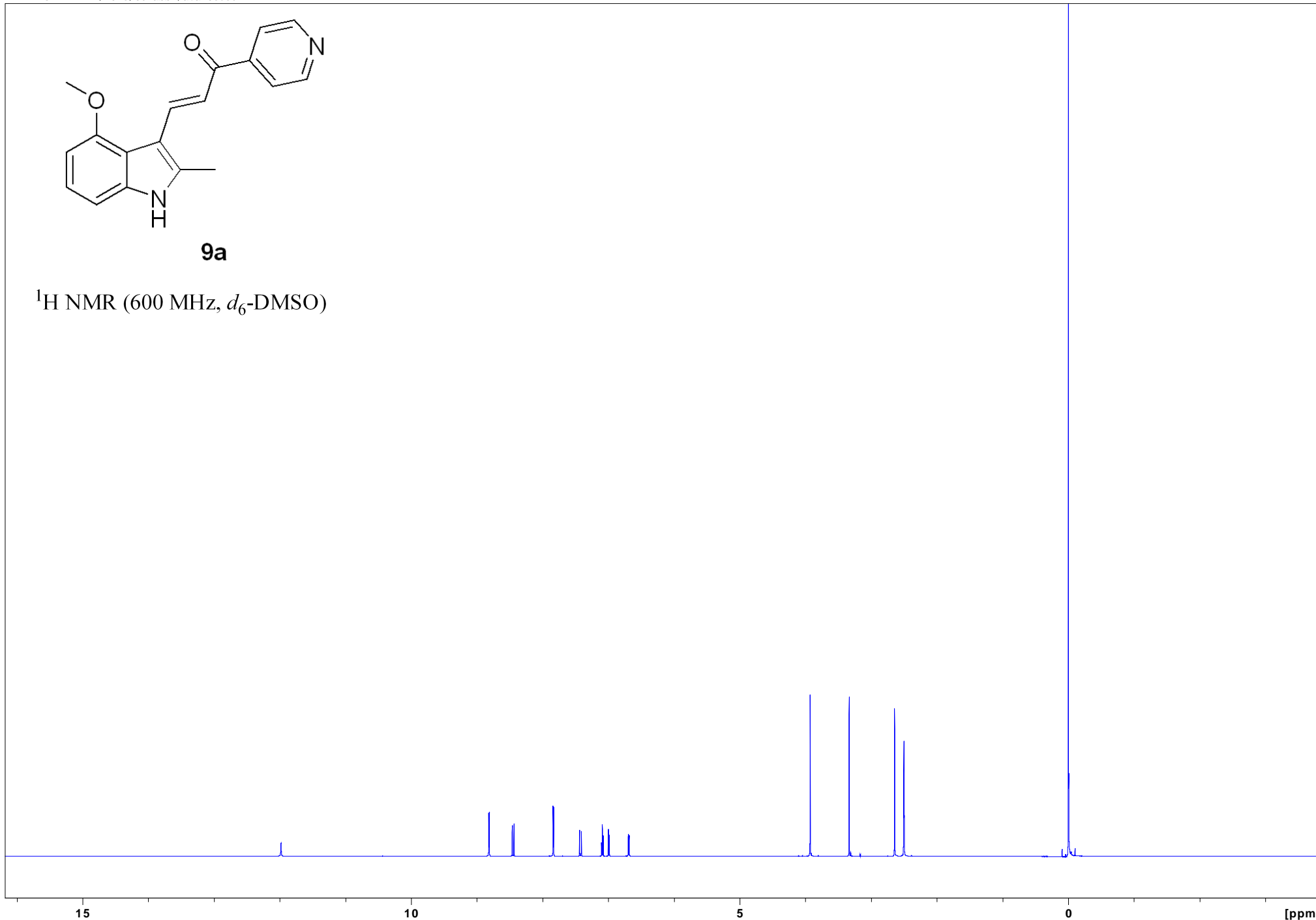
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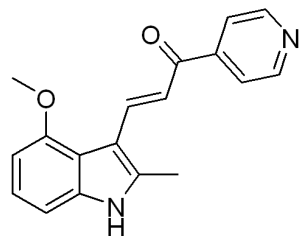




9a

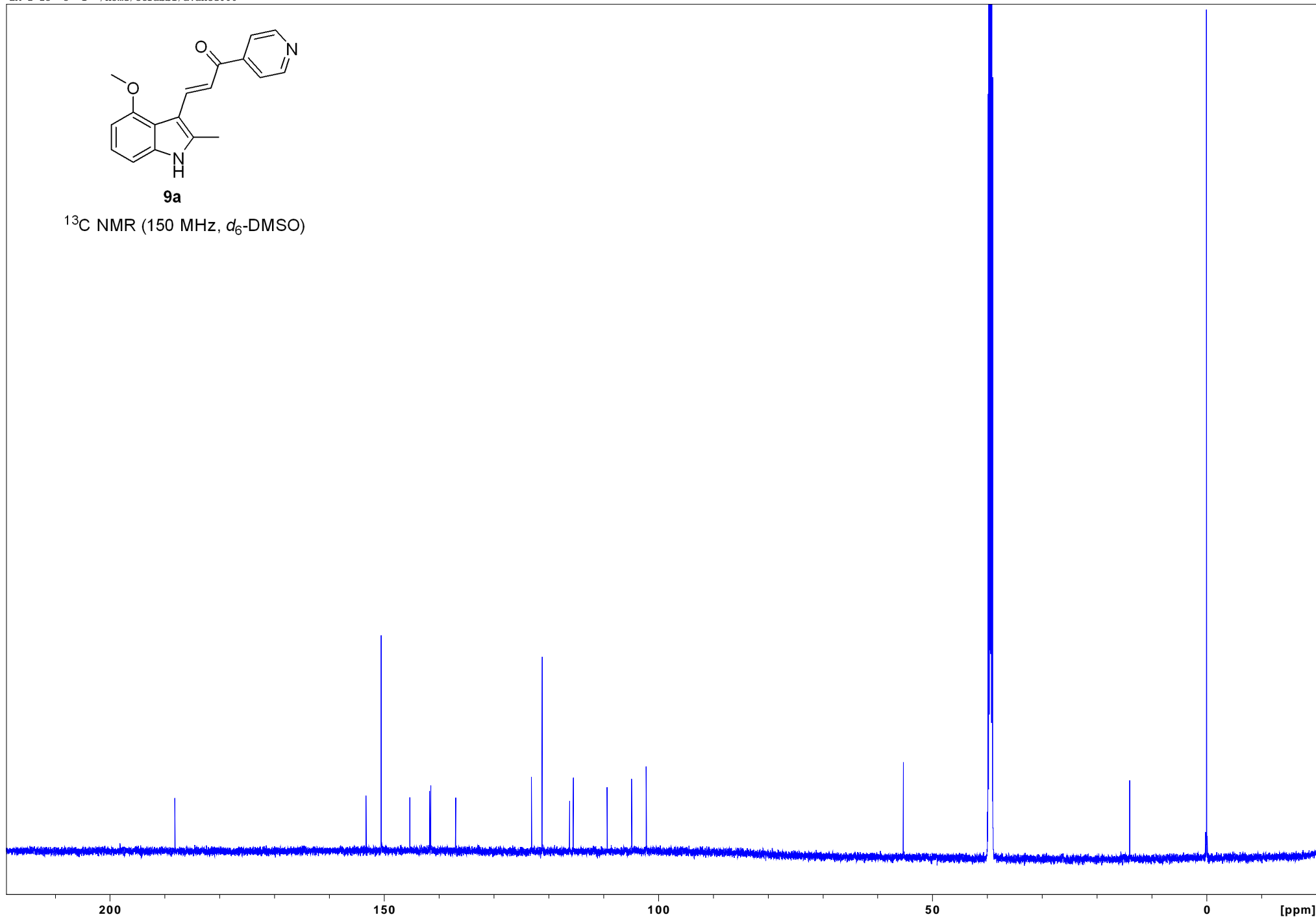
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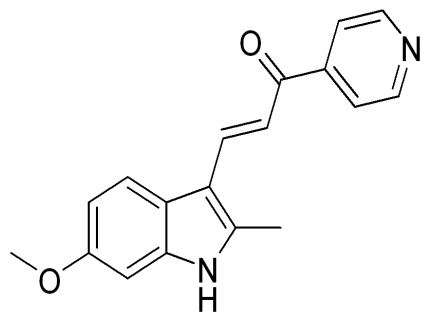




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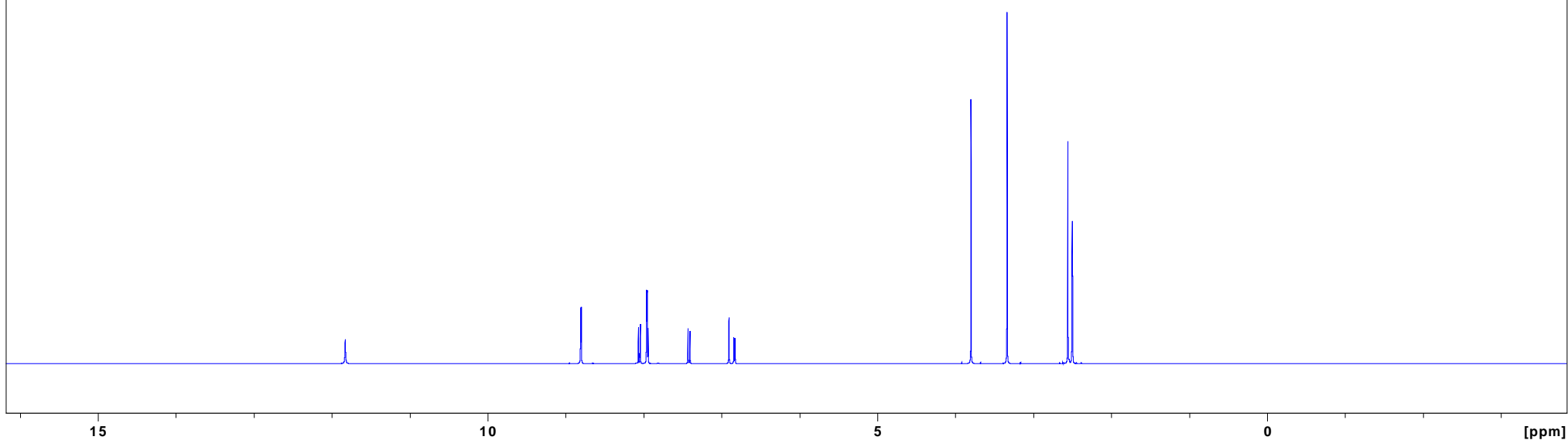
^{13}C NMR (150 MHz, d_6 -DMSO)

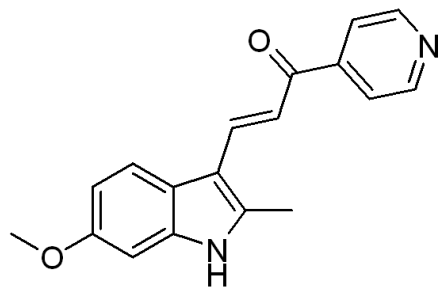




9b

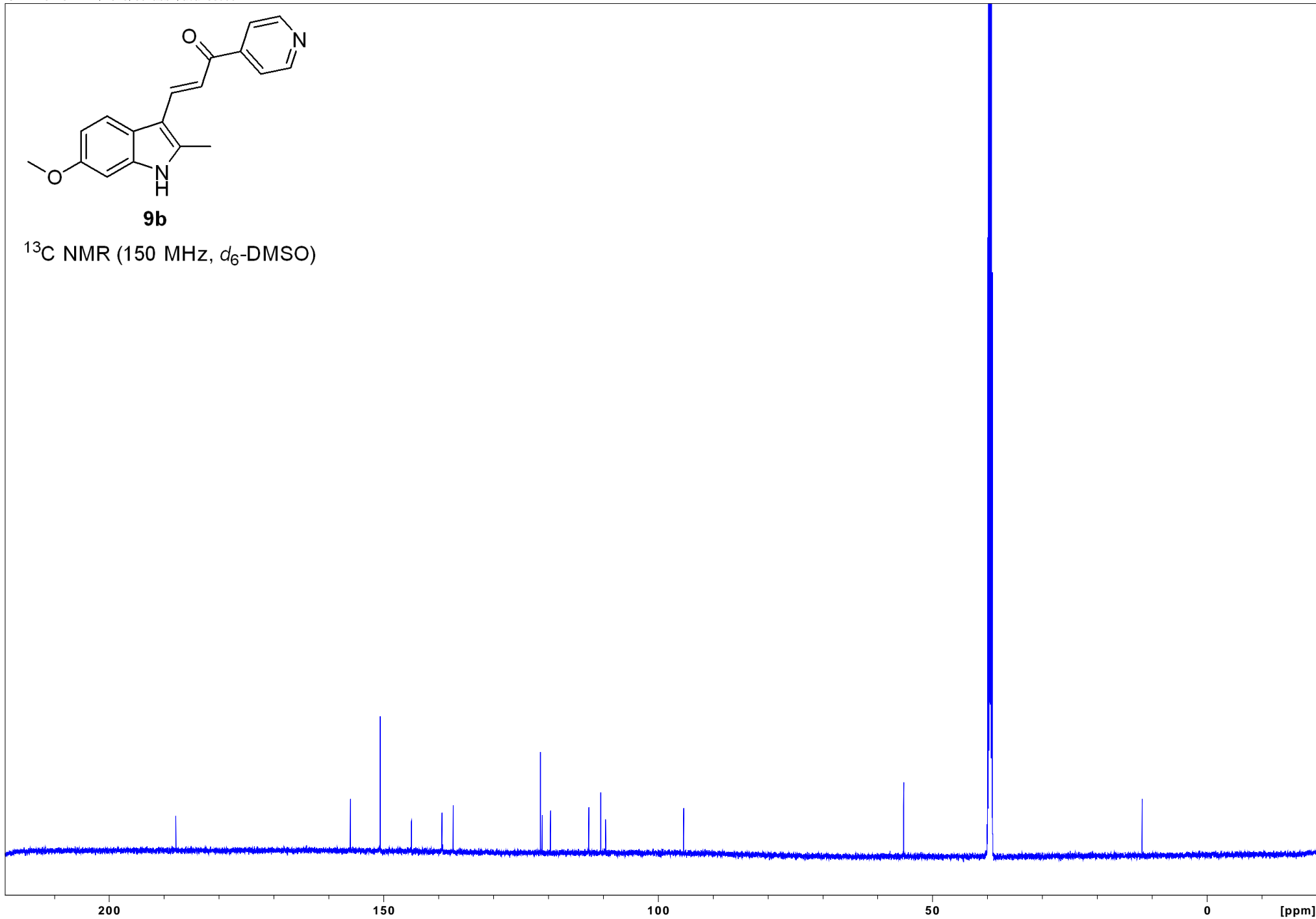
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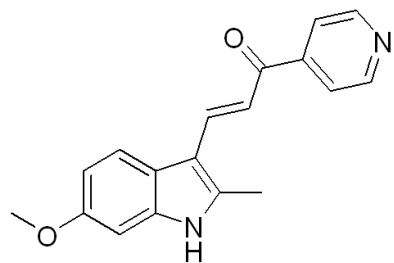




9b

^{13}C NMR (150 MHz, d_6 -DMSO)

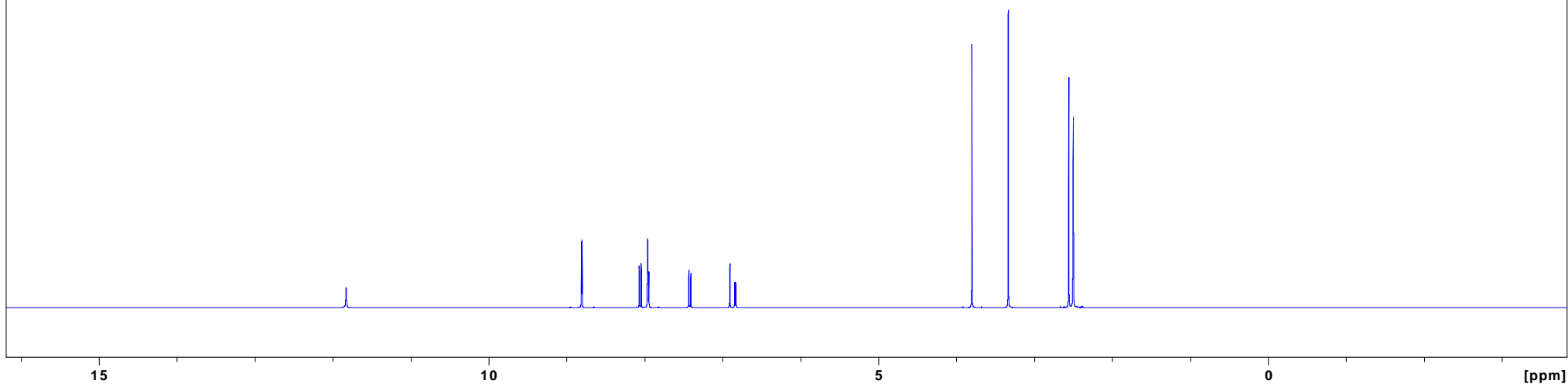


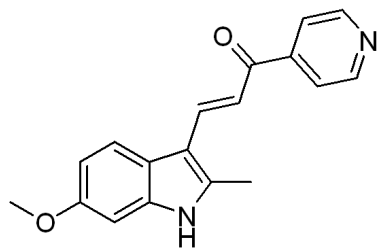


9b

Scheme 2

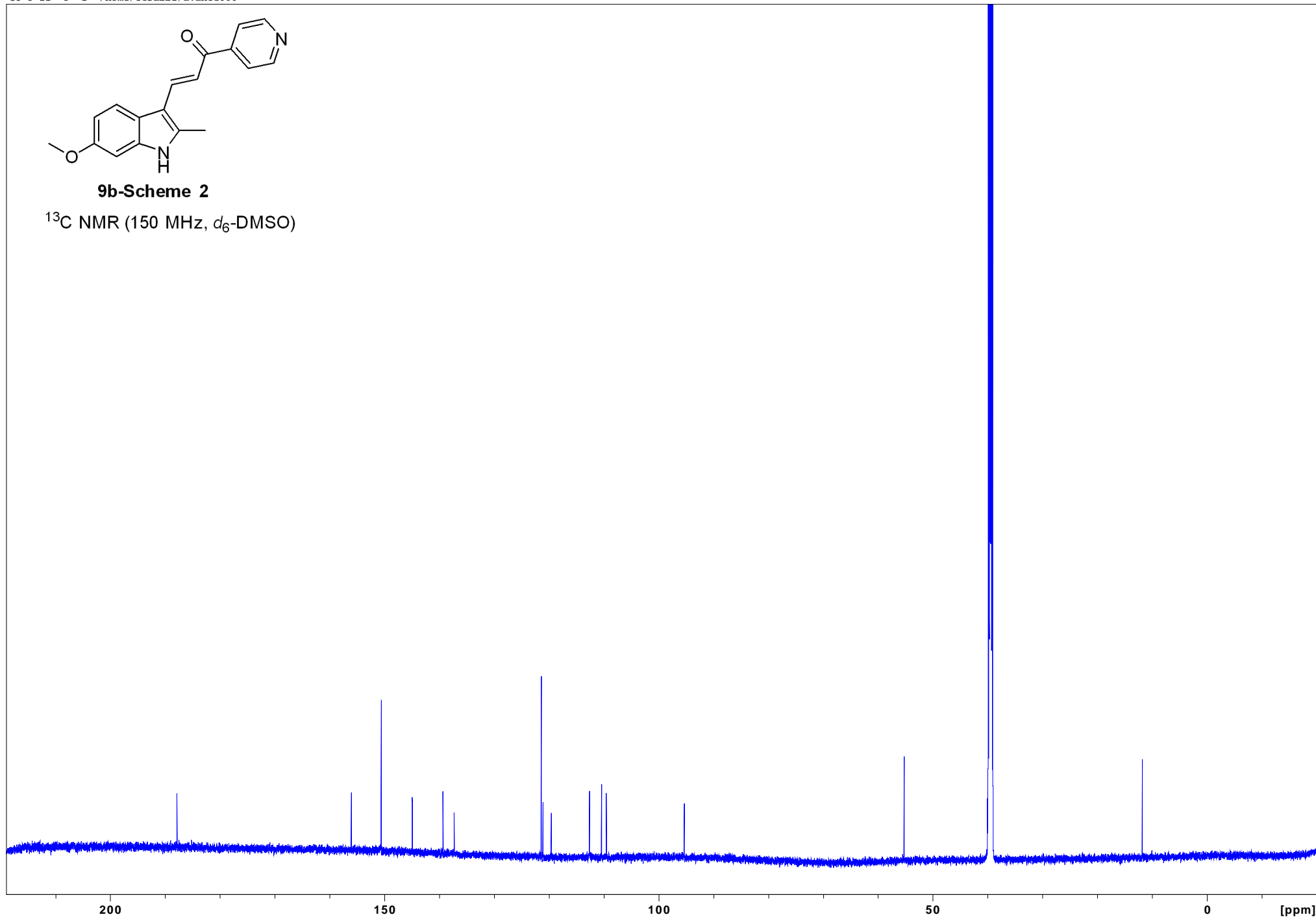
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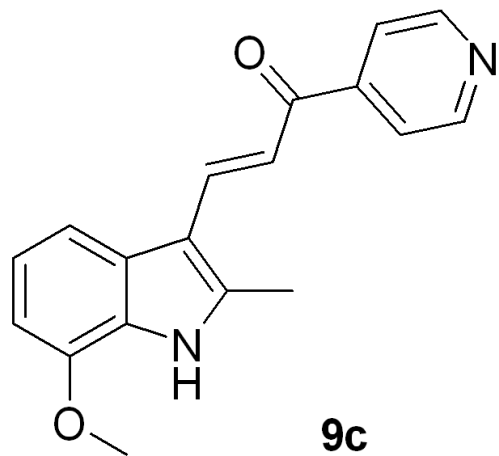




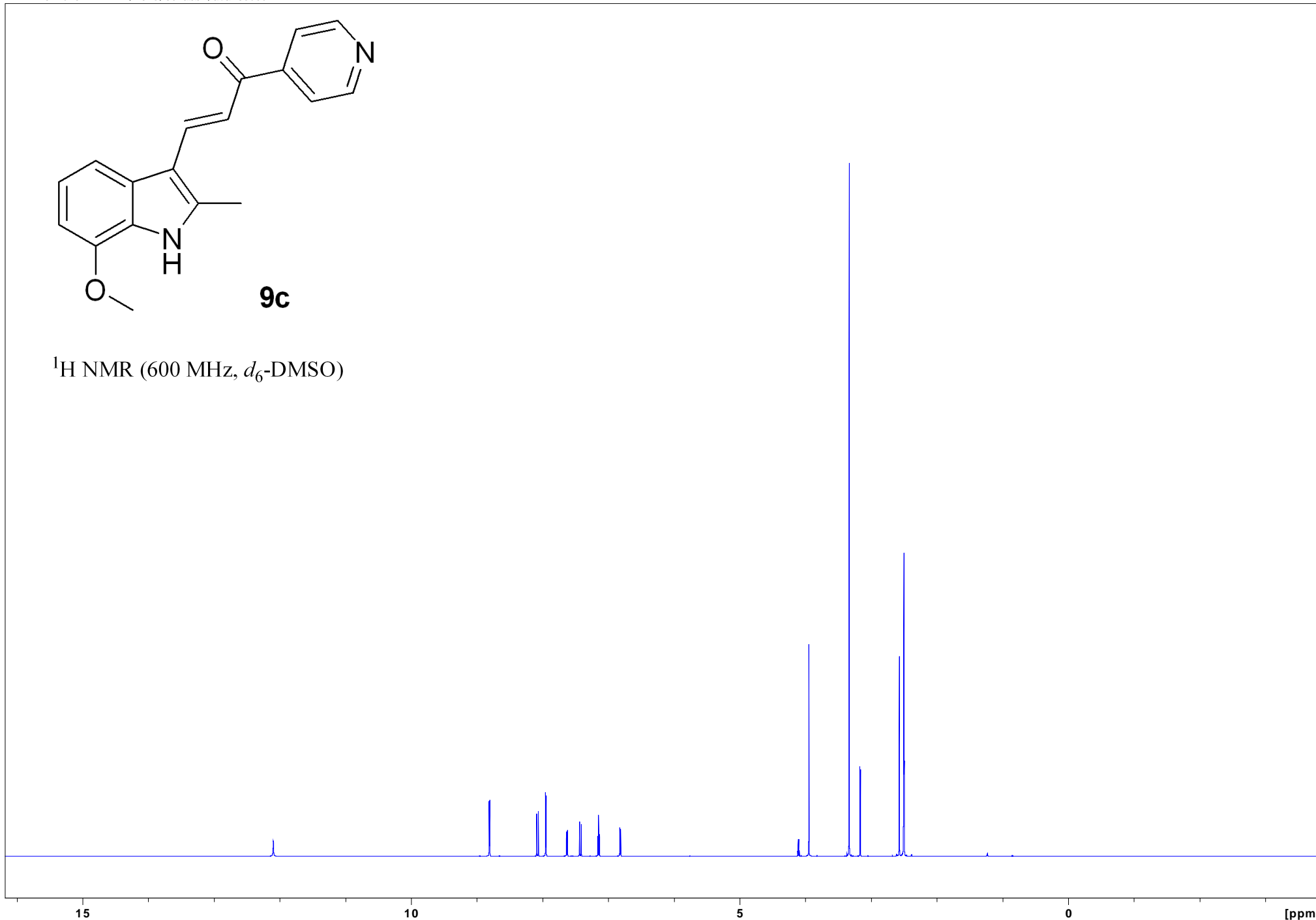
9b-Scheme 2

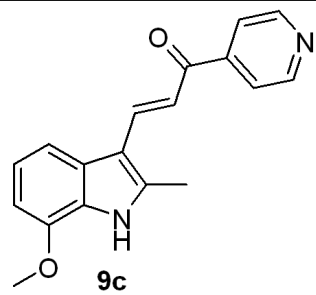
^{13}C NMR (150 MHz, d_6 -DMSO)



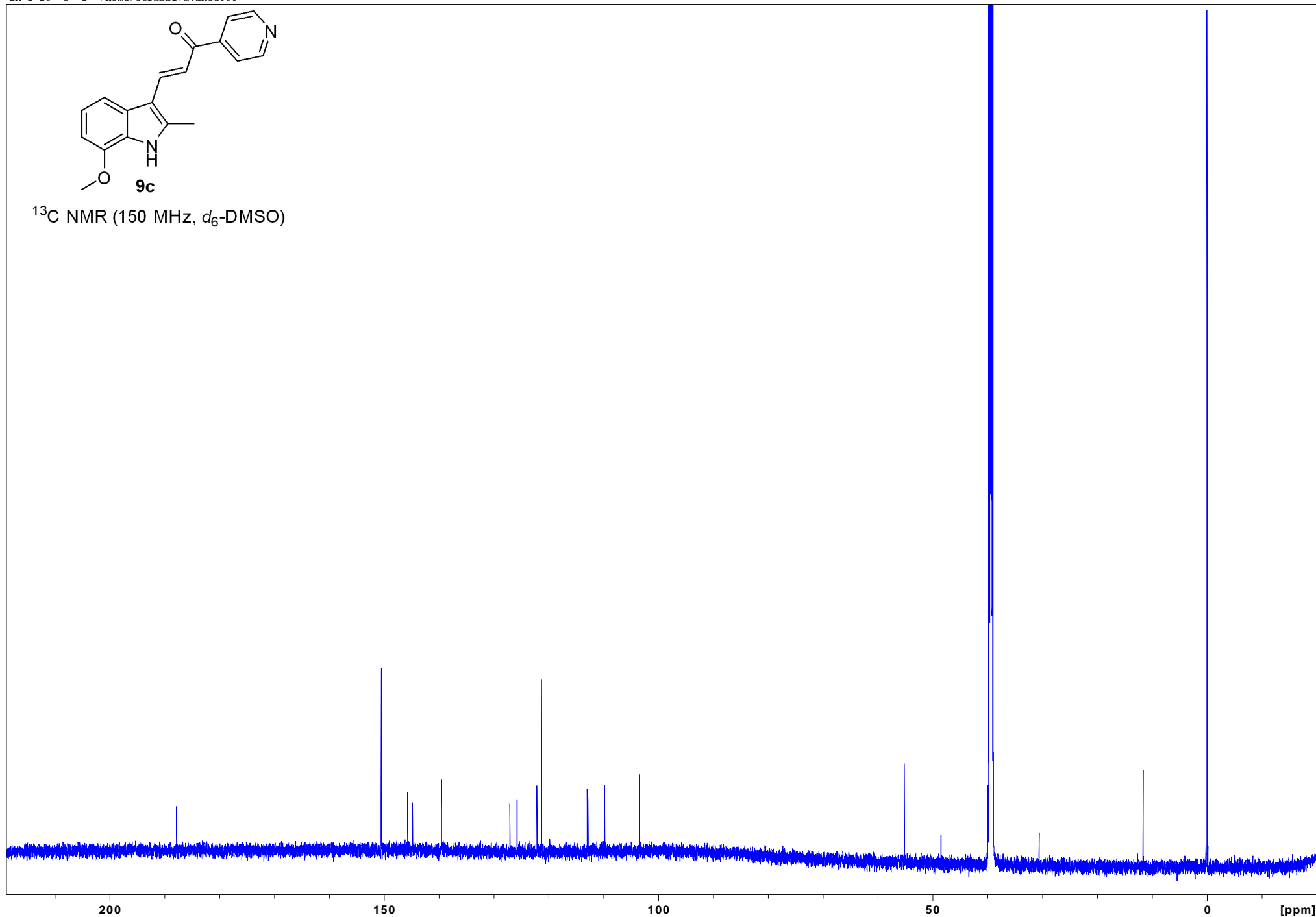


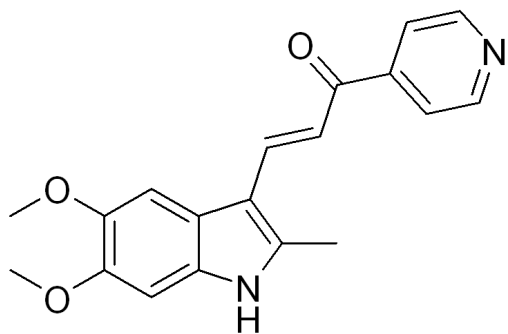
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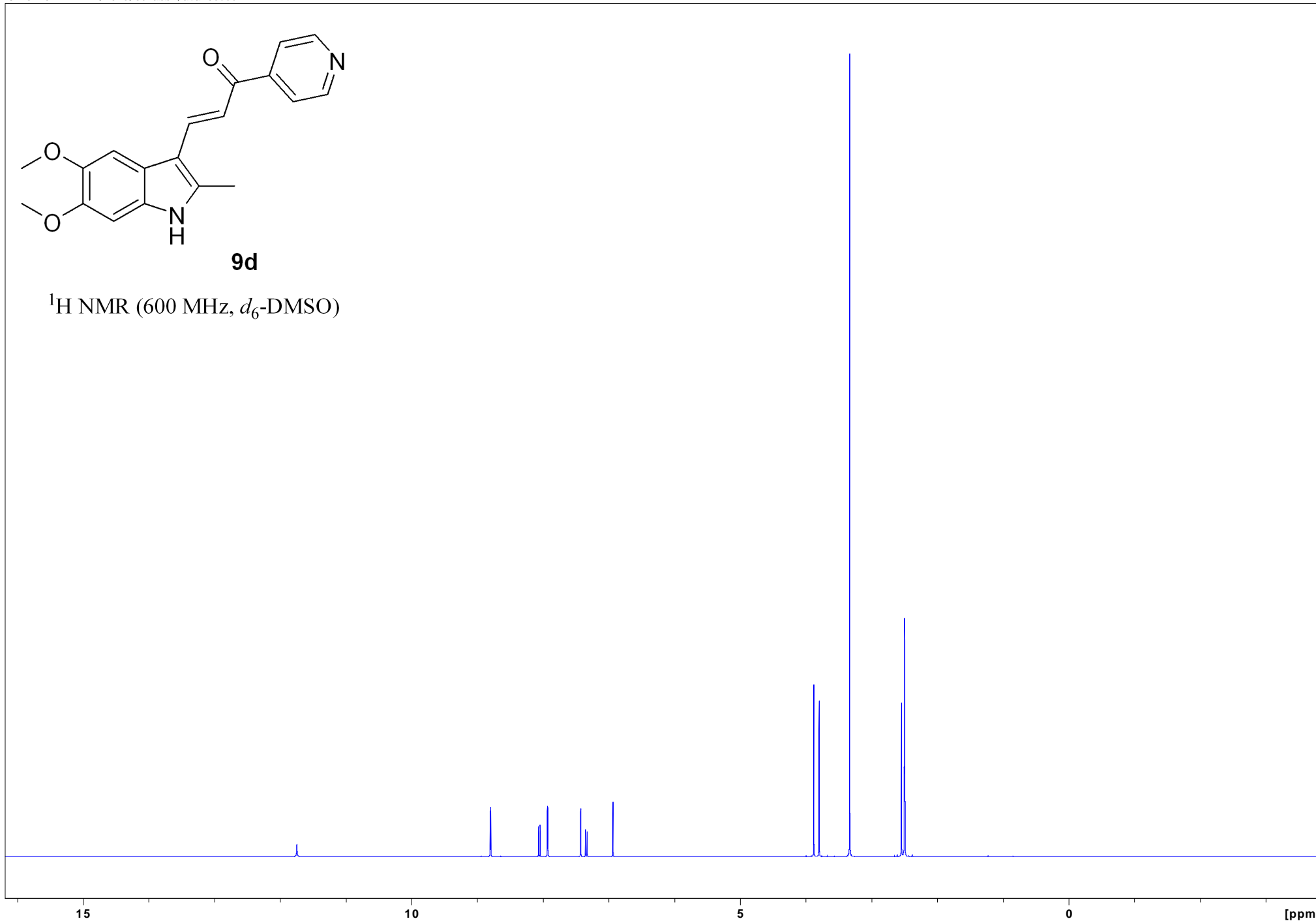
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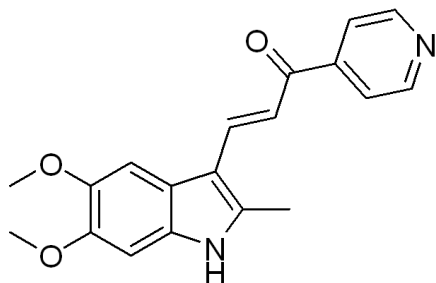




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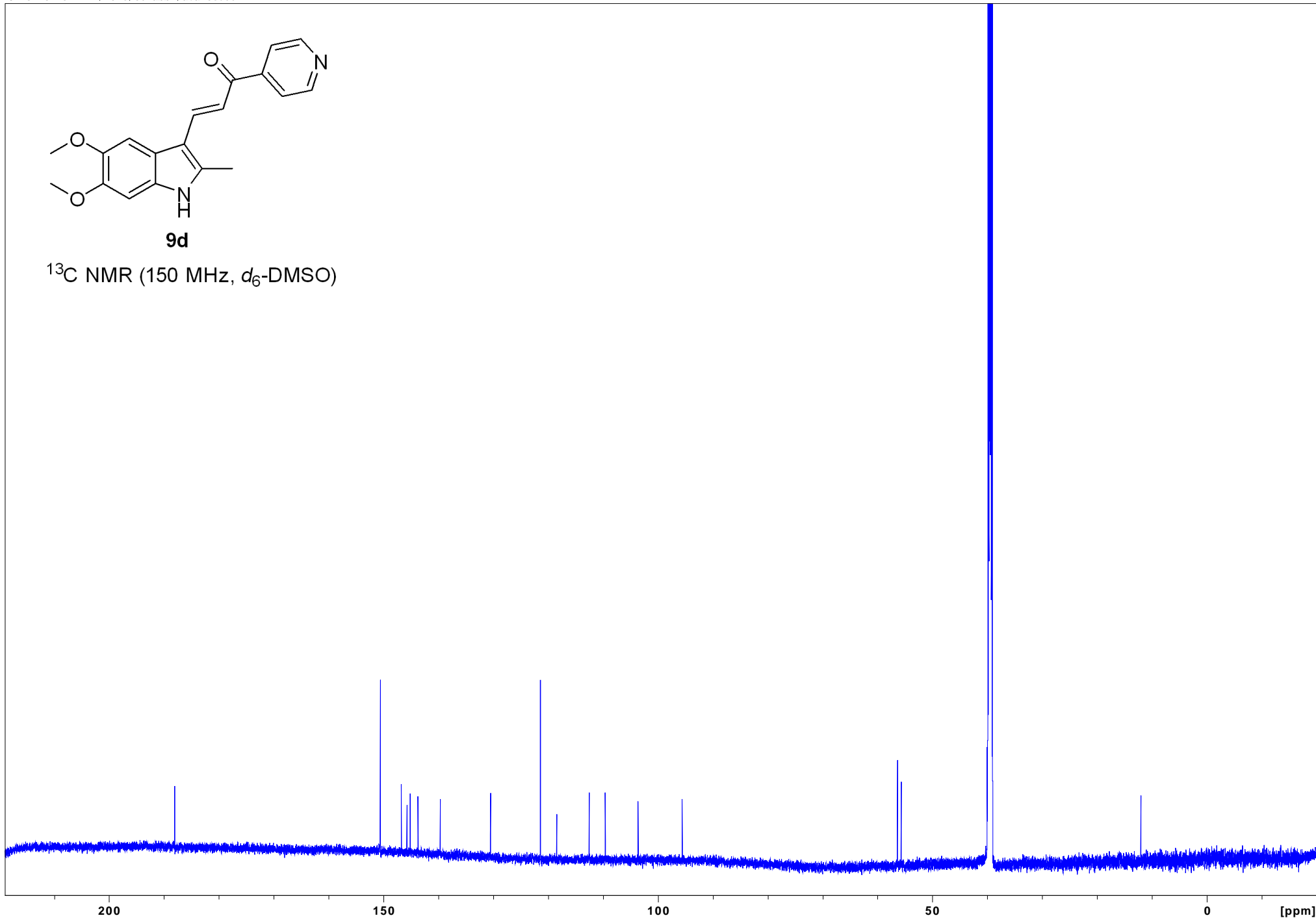
$^1\text{H NMR}$ (600 MHz, d_6 -DMSO)

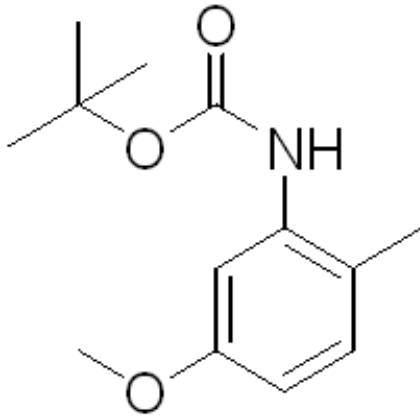




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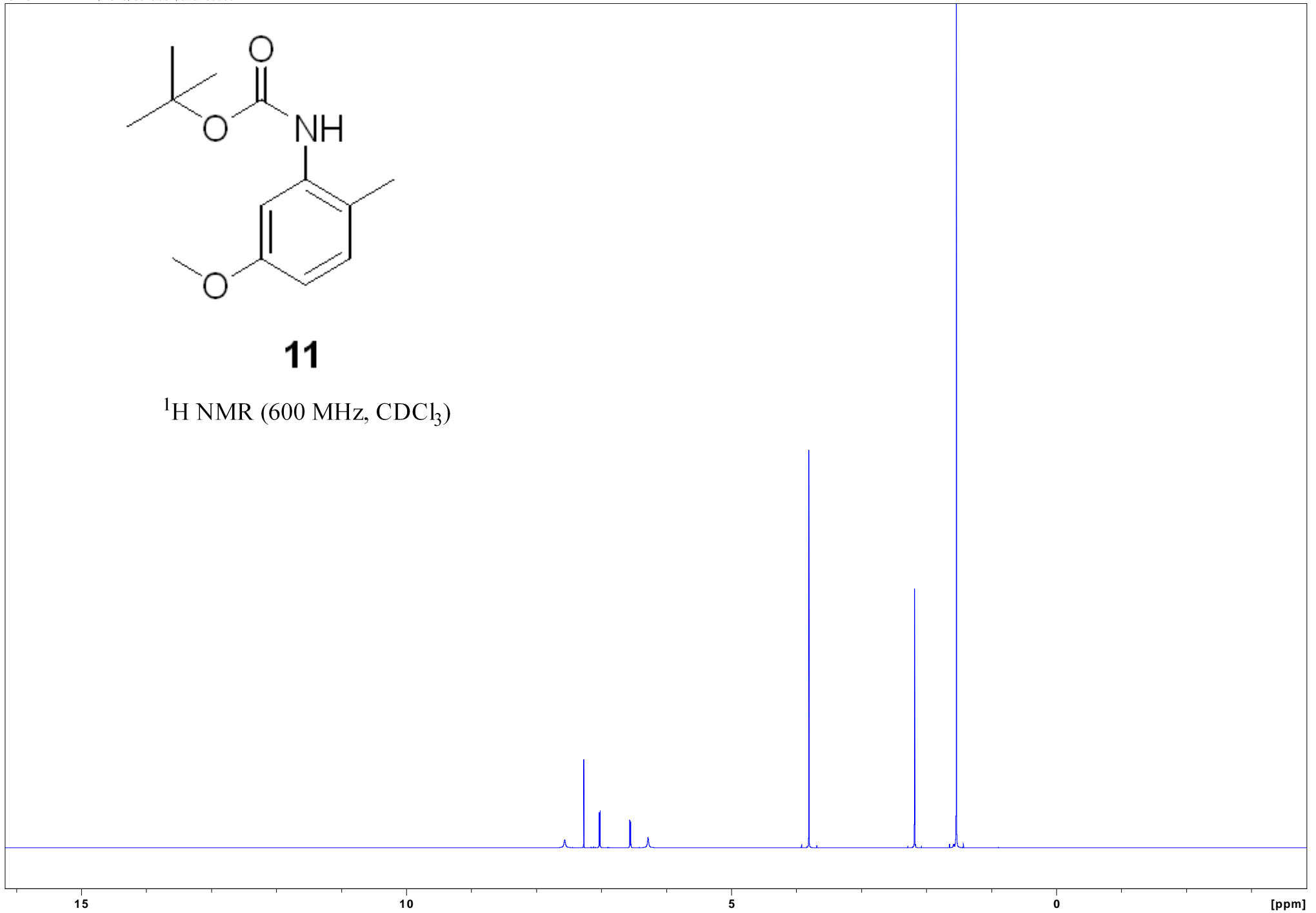
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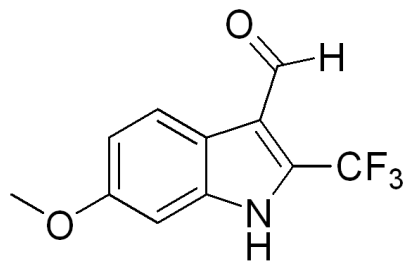




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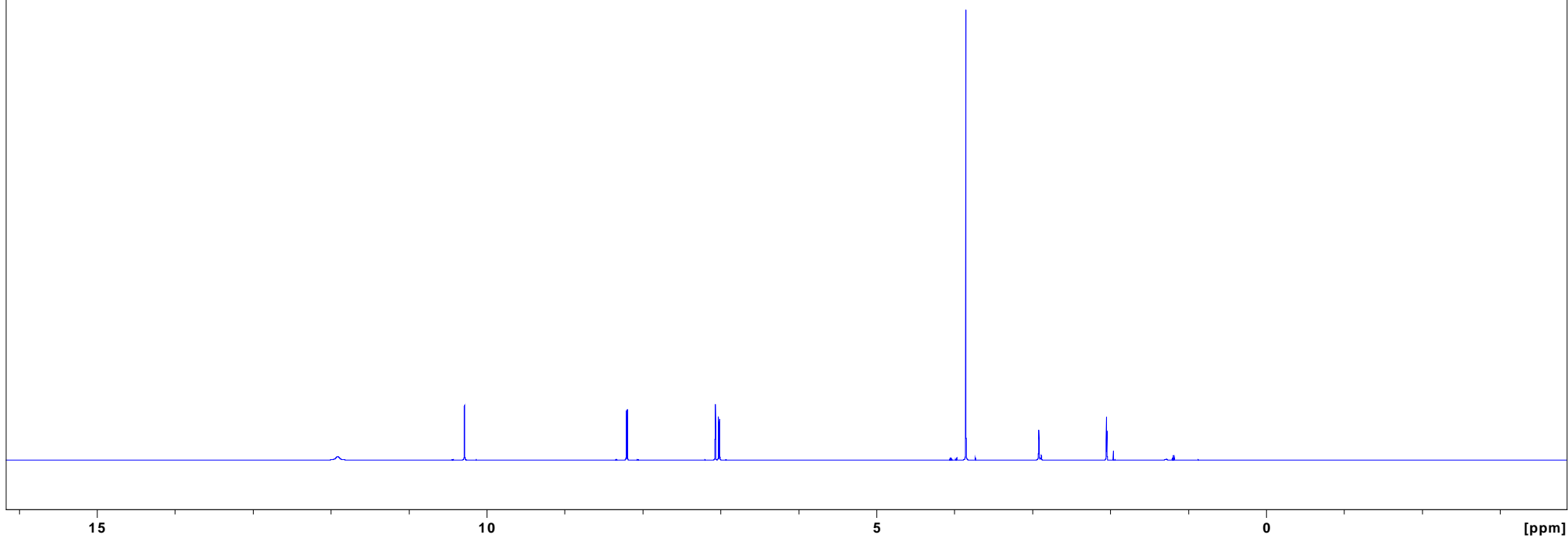
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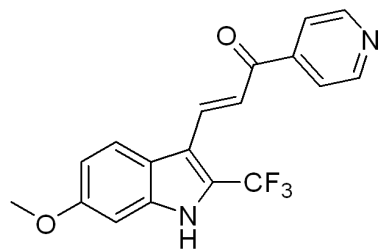


14

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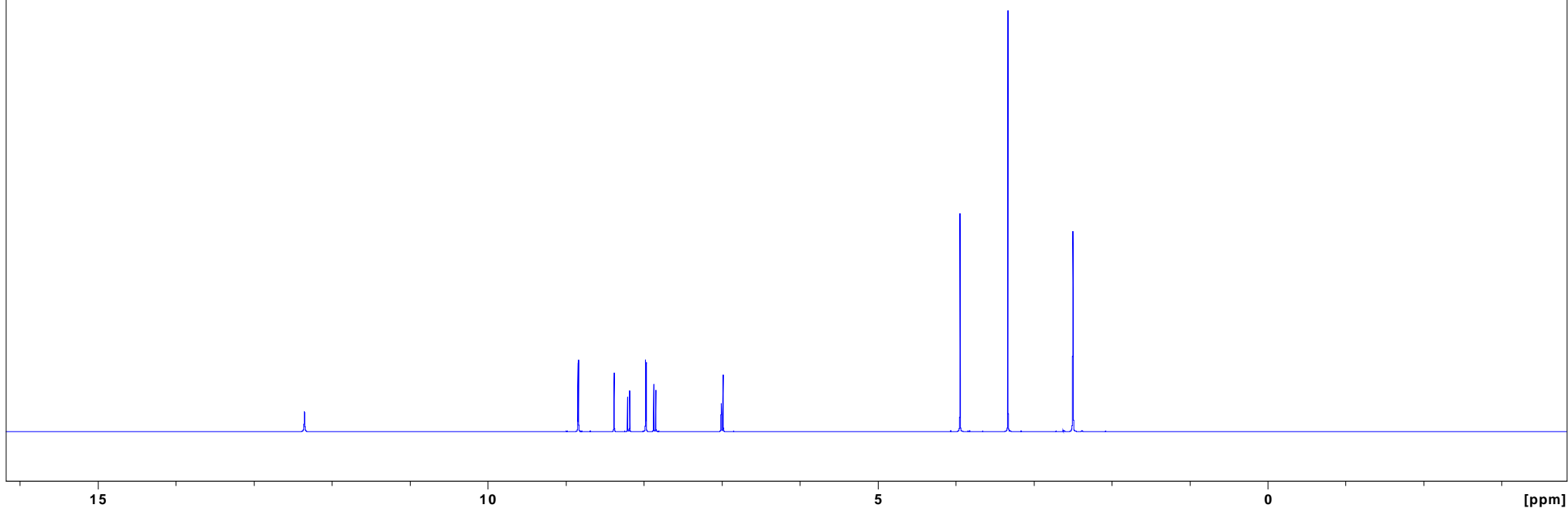


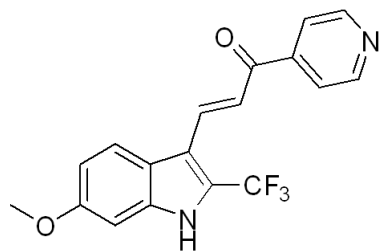
S31



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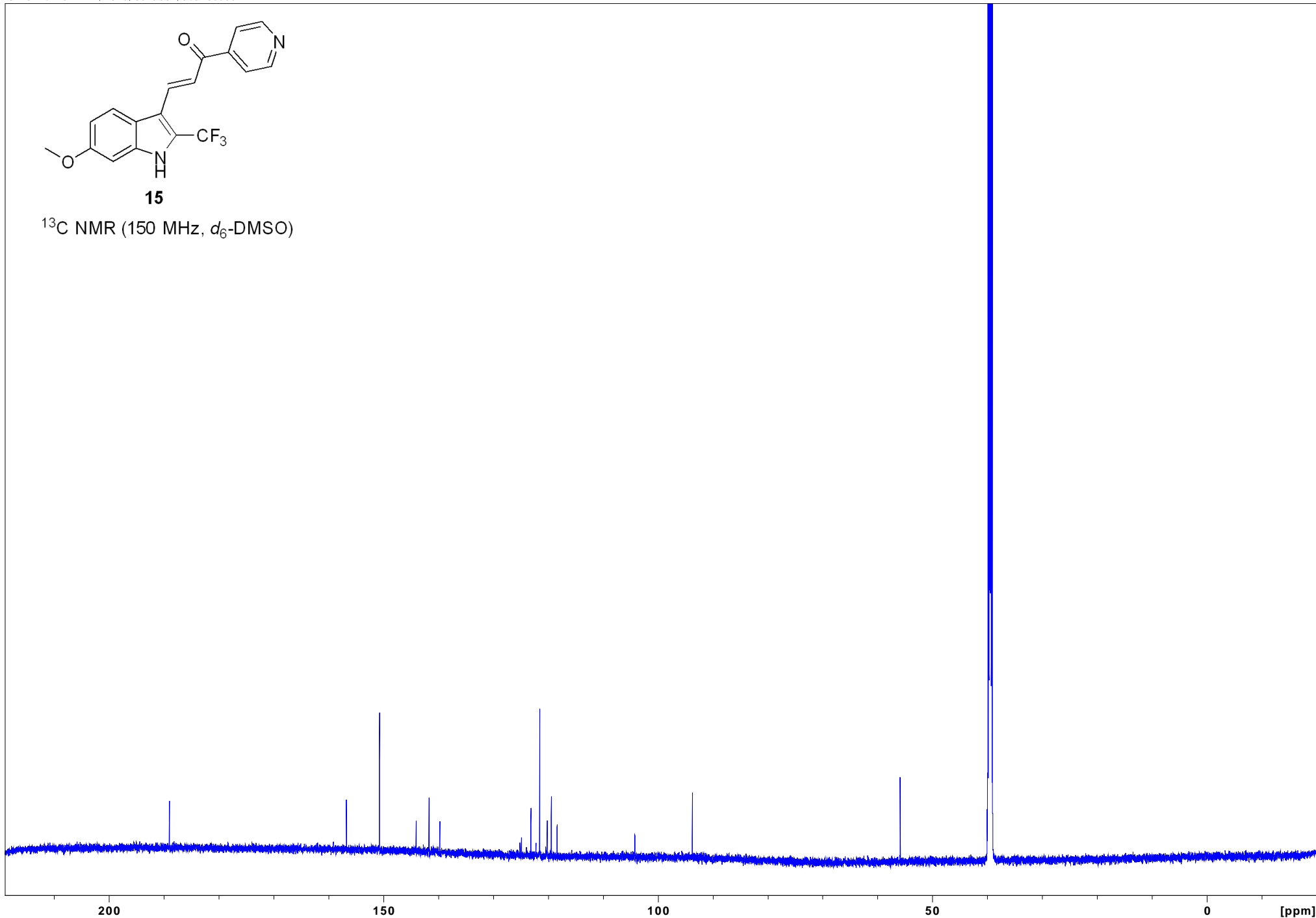
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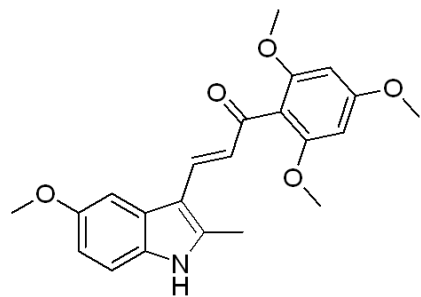




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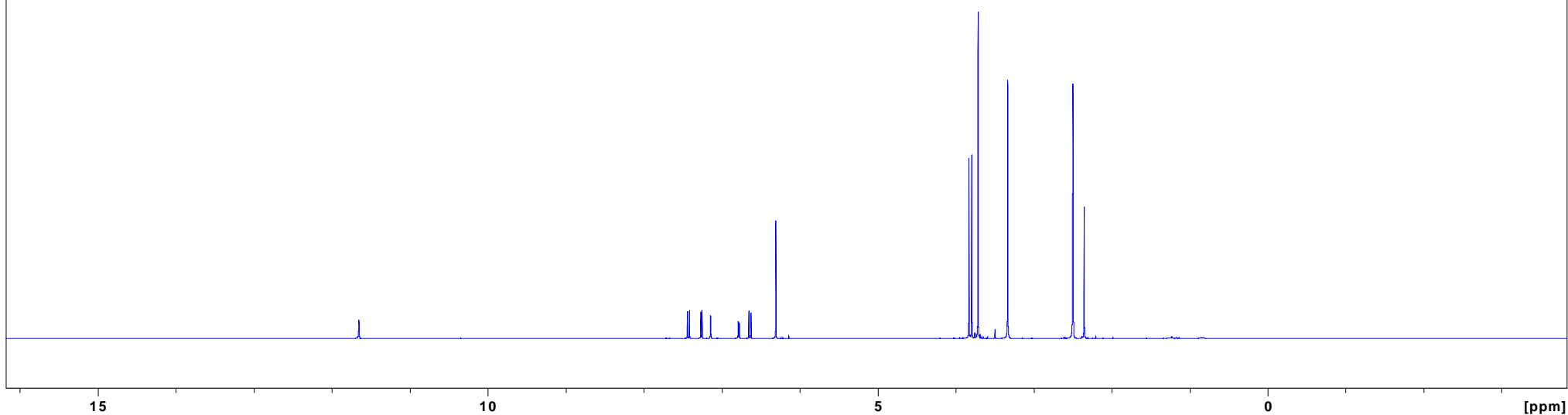
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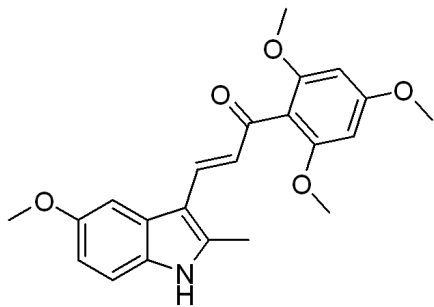




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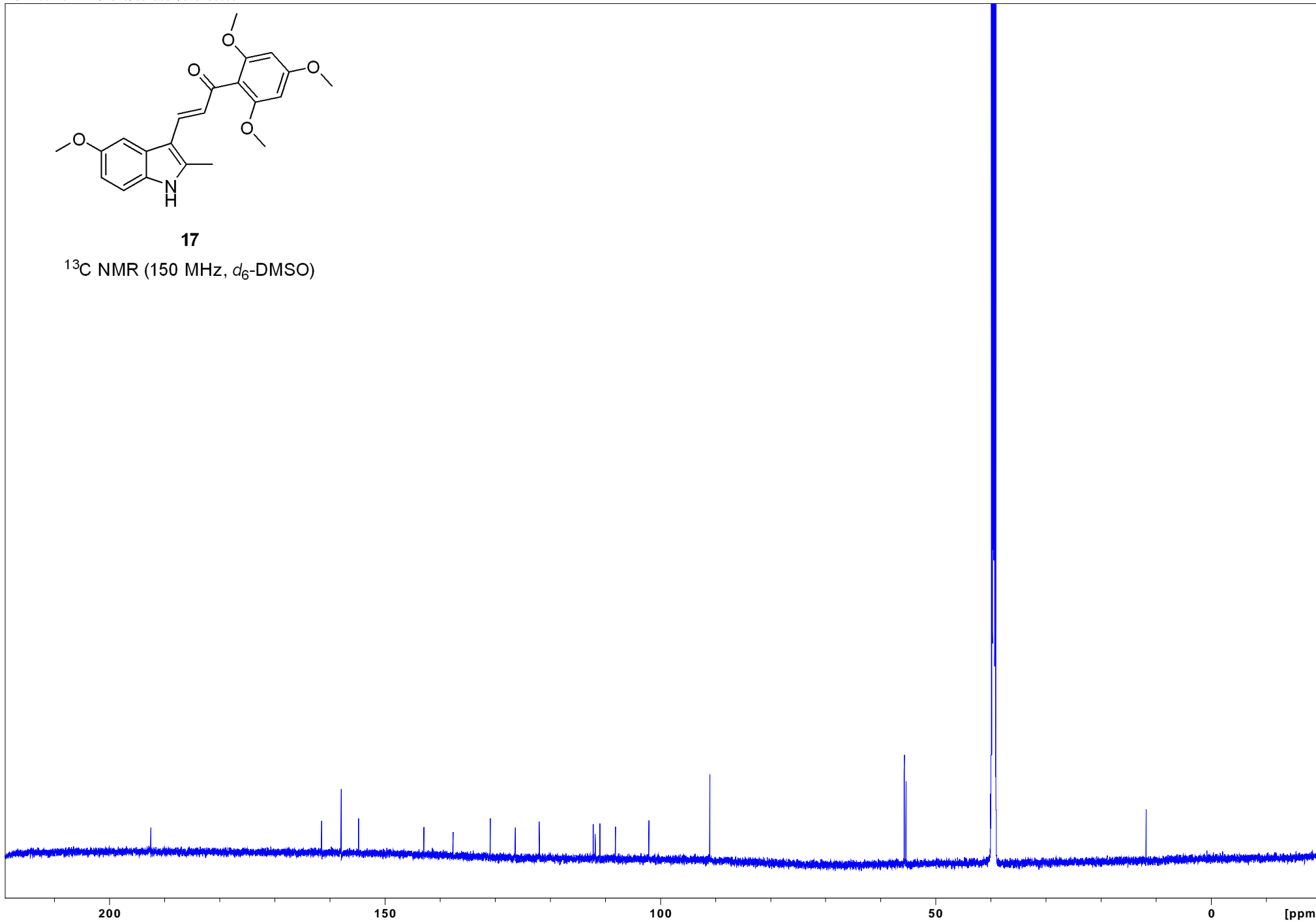
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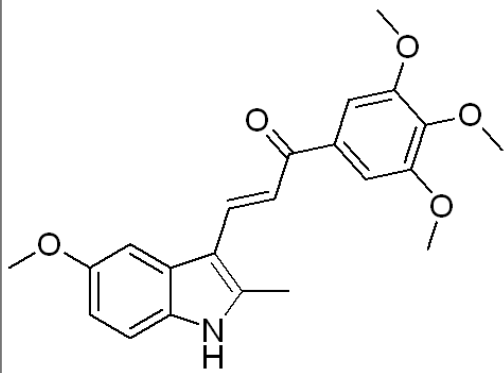




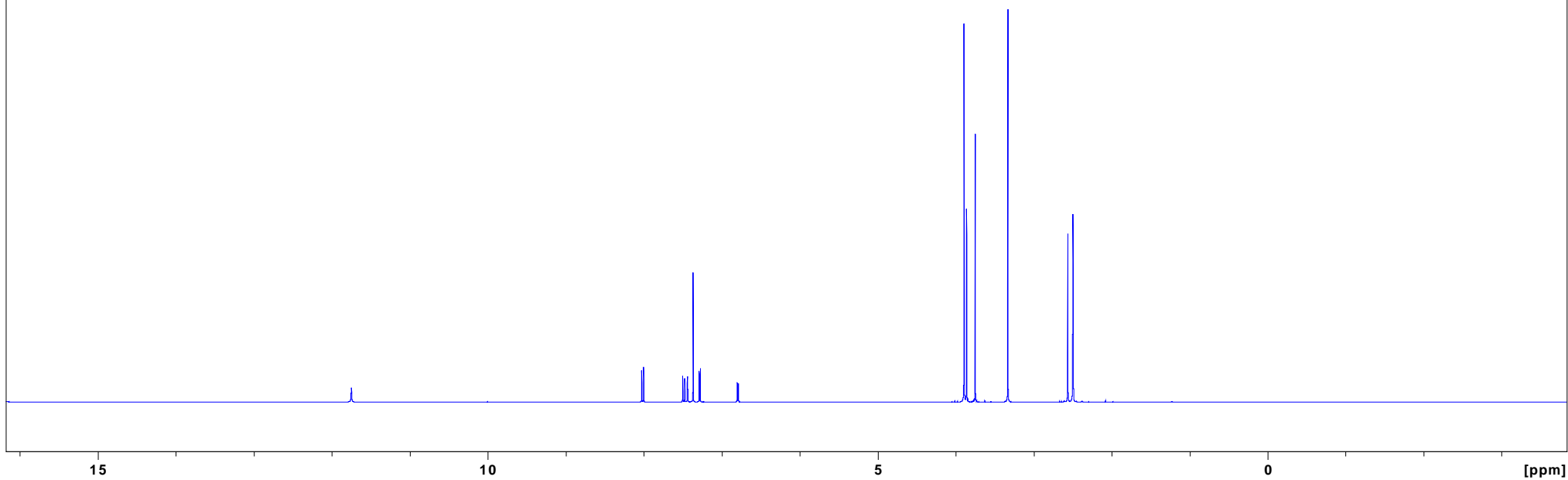
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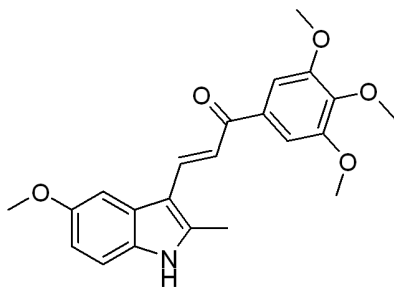
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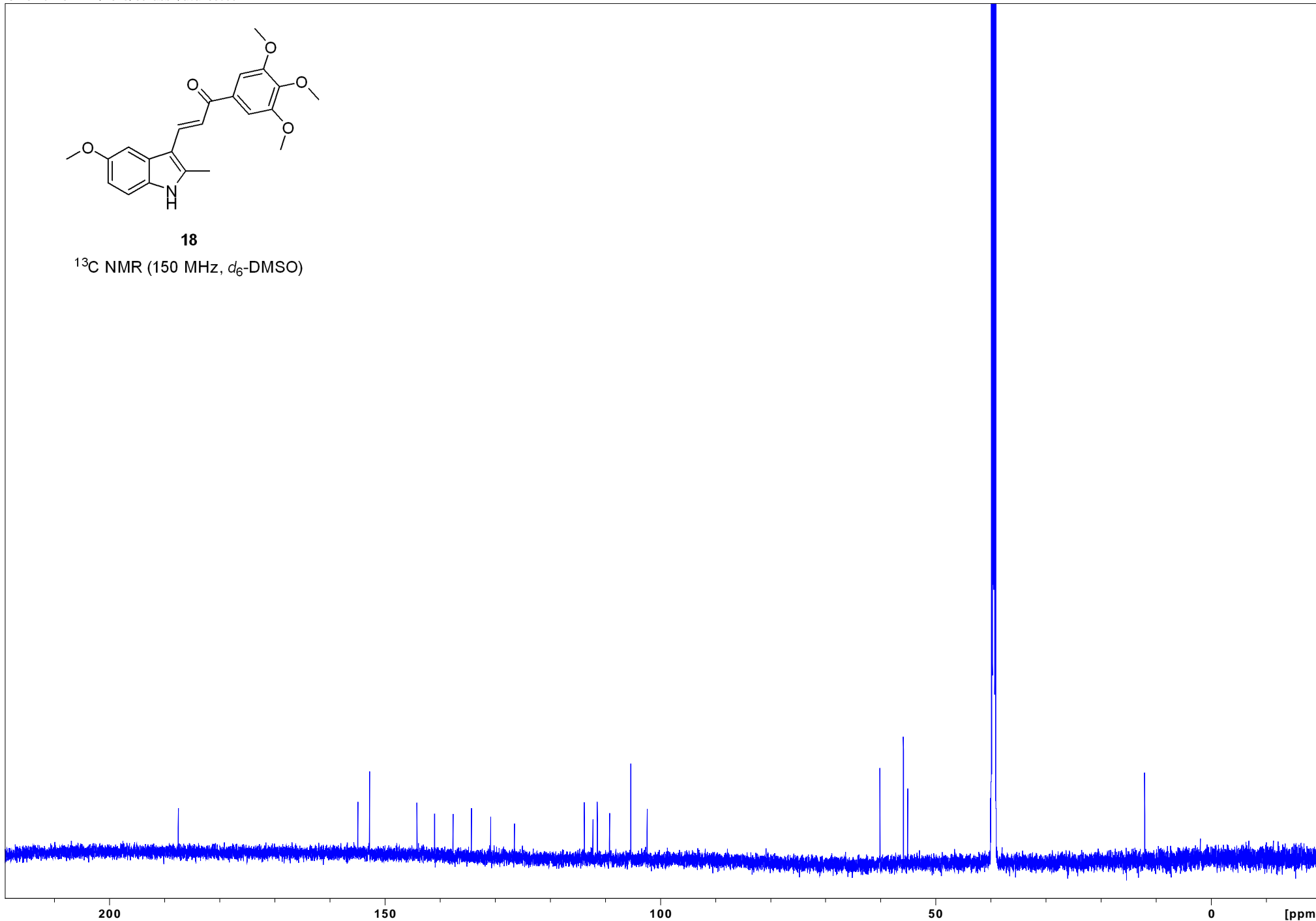
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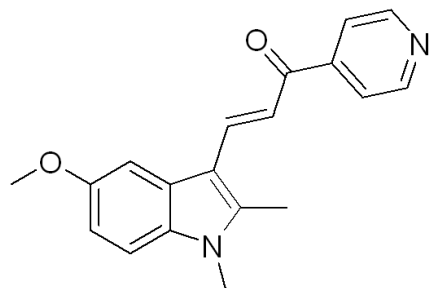




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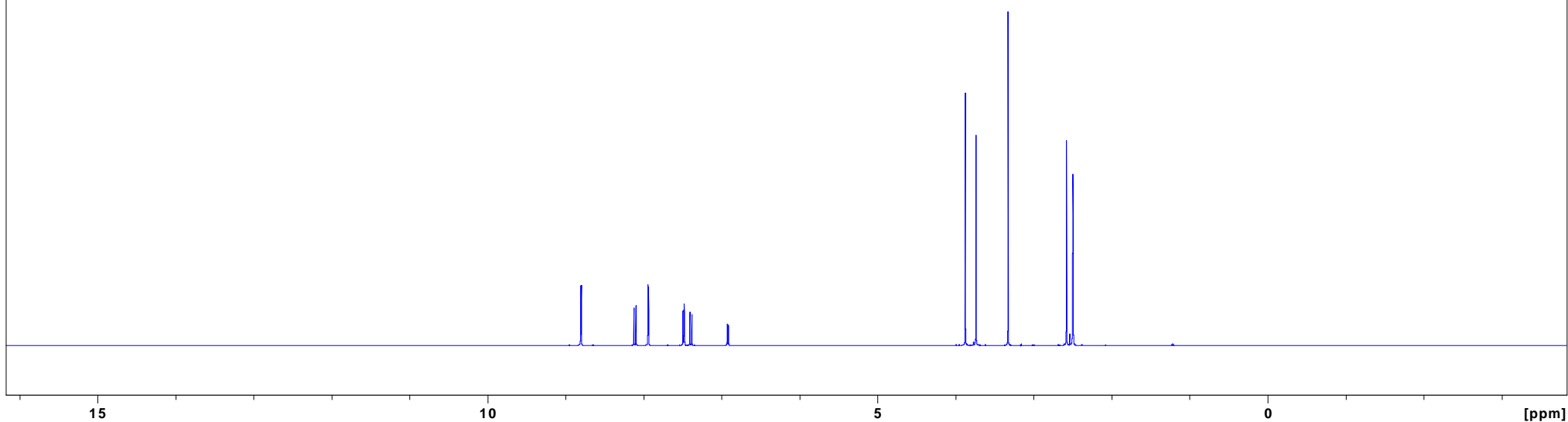
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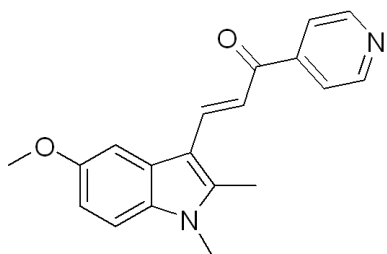




19

^1H NMR (600 MHz, d_6 -DMSO)





19

^{13}C NMR (150 MHz, d_6 -DMSO)

