

10.1071/CH10252\_AC

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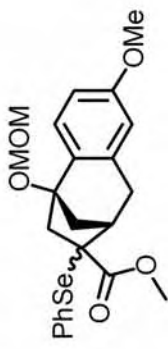
## **Approaches to the Synthesis of the *Galbulimima* Alkaloid Himandrine**

Synthesis of *Galbulimima* Alkaloid Himandrine

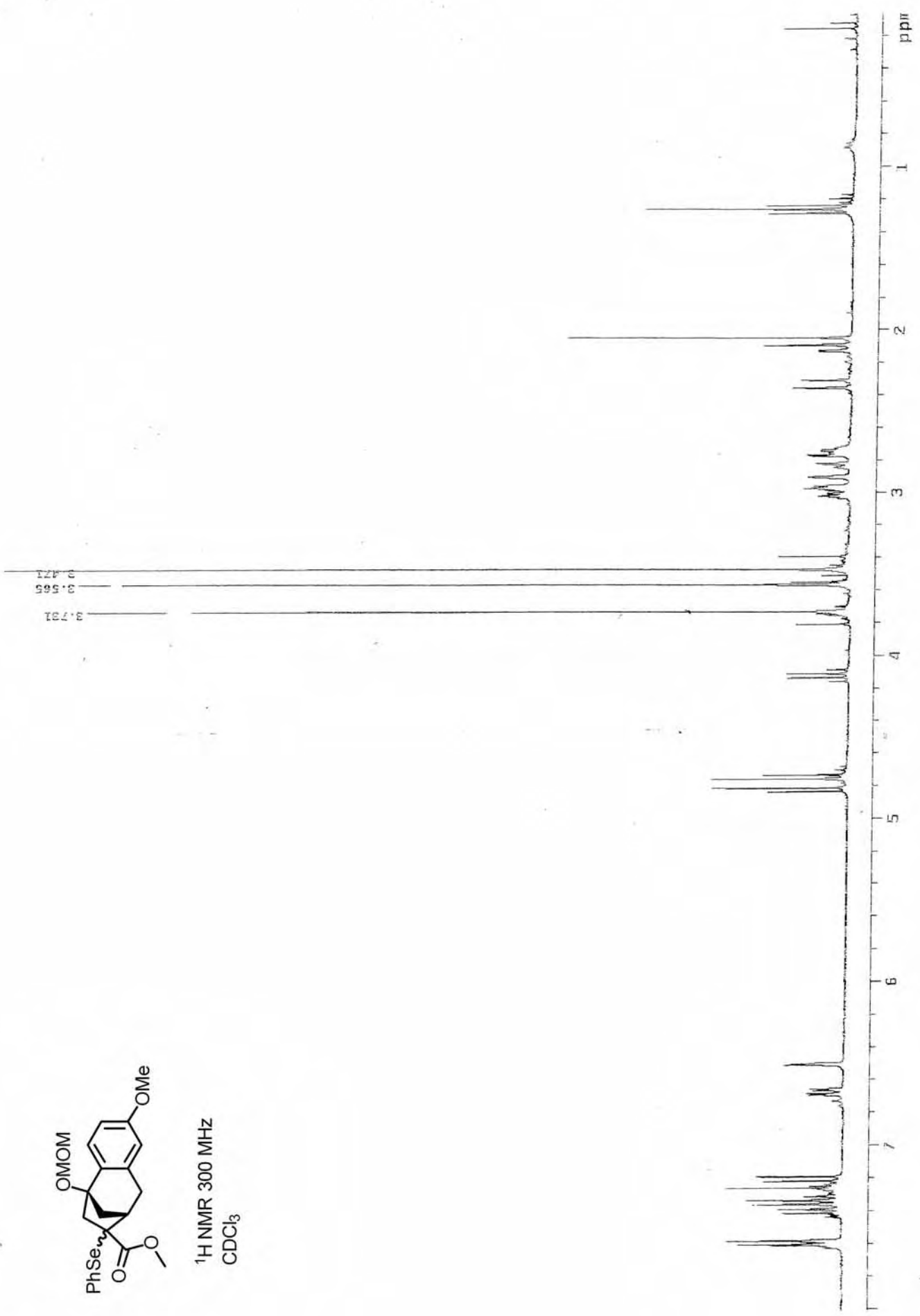
Patrick D. O'Connor,<sup>A</sup> Giuseppe Del Signore,<sup>A</sup> Matthew M. W. McLachlan,<sup>A</sup>  
Anthony C. Willis,<sup>A</sup> and Lewis N. Mander<sup>A,B</sup>

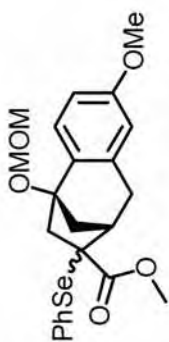
<sup>A</sup>Research School of Chemistry, Australian National University, Canberra, ACT 0200,  
Australia.

<sup>B</sup>Corresponding author. Email: [mander@rsc.anu.edu.au](mailto:mander@rsc.anu.edu.au)

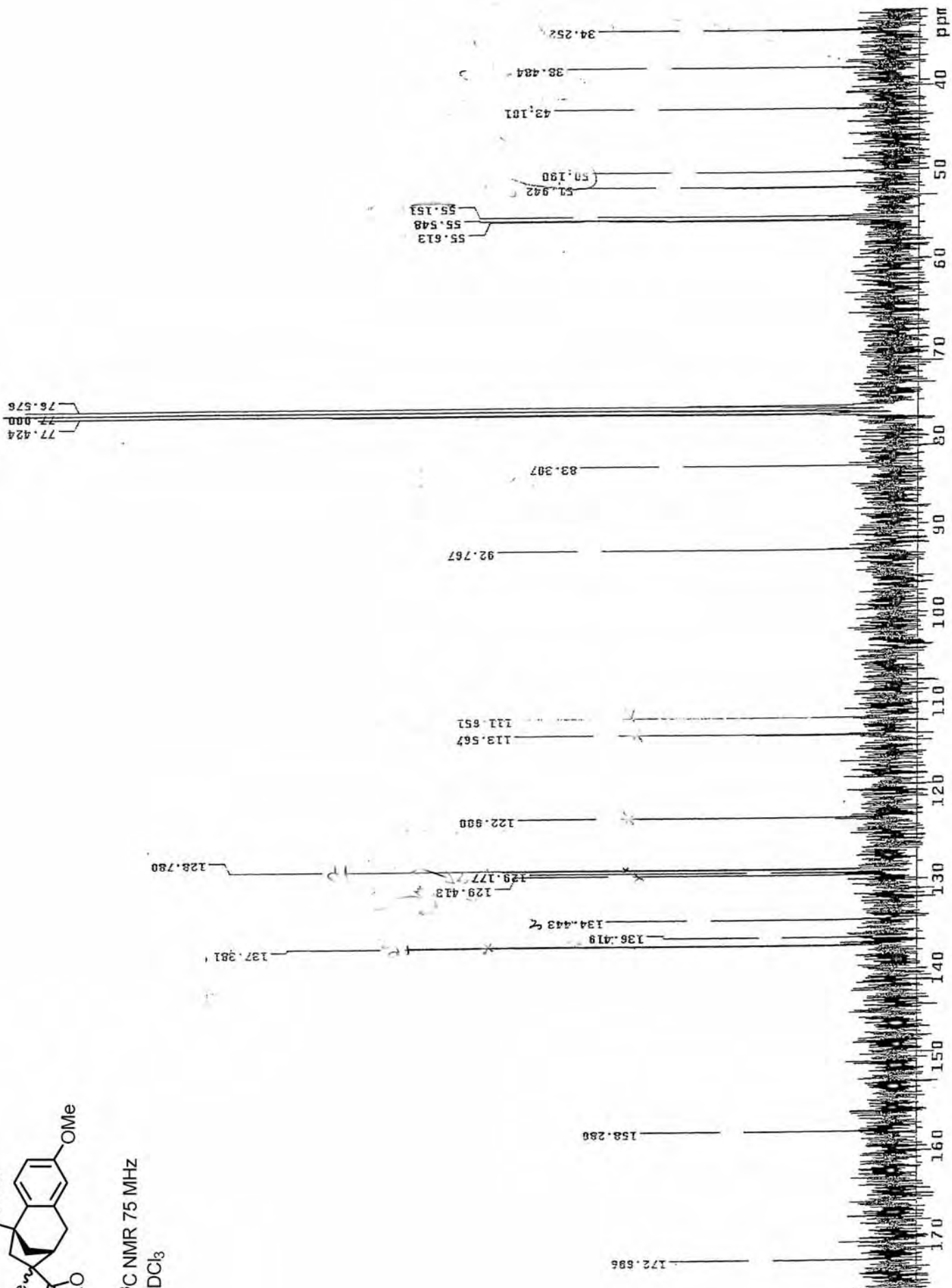


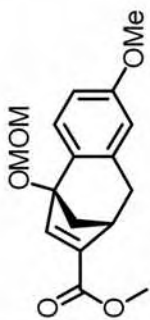
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CDCl<sub>3</sub>



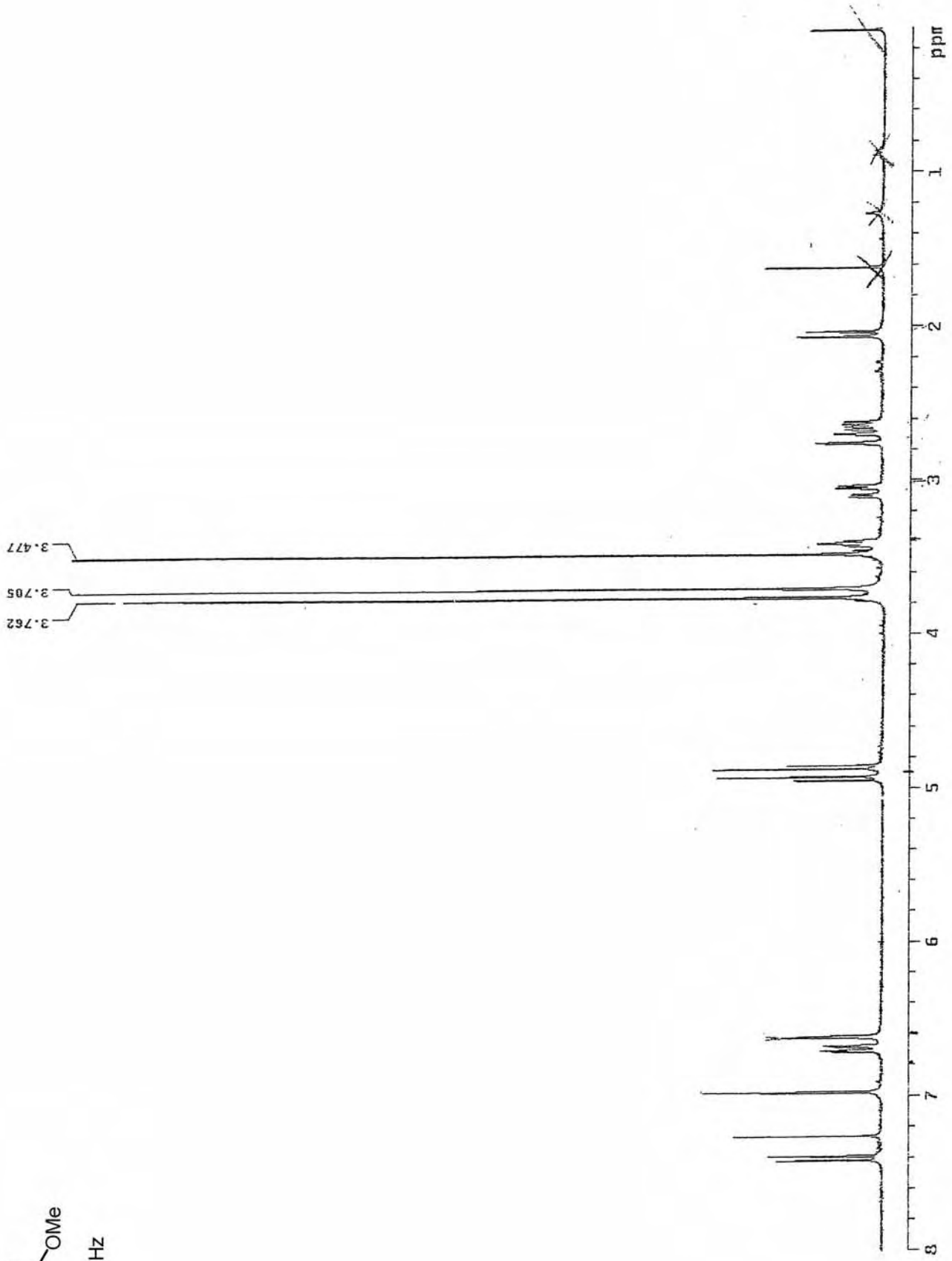


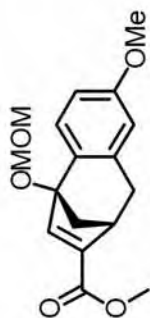
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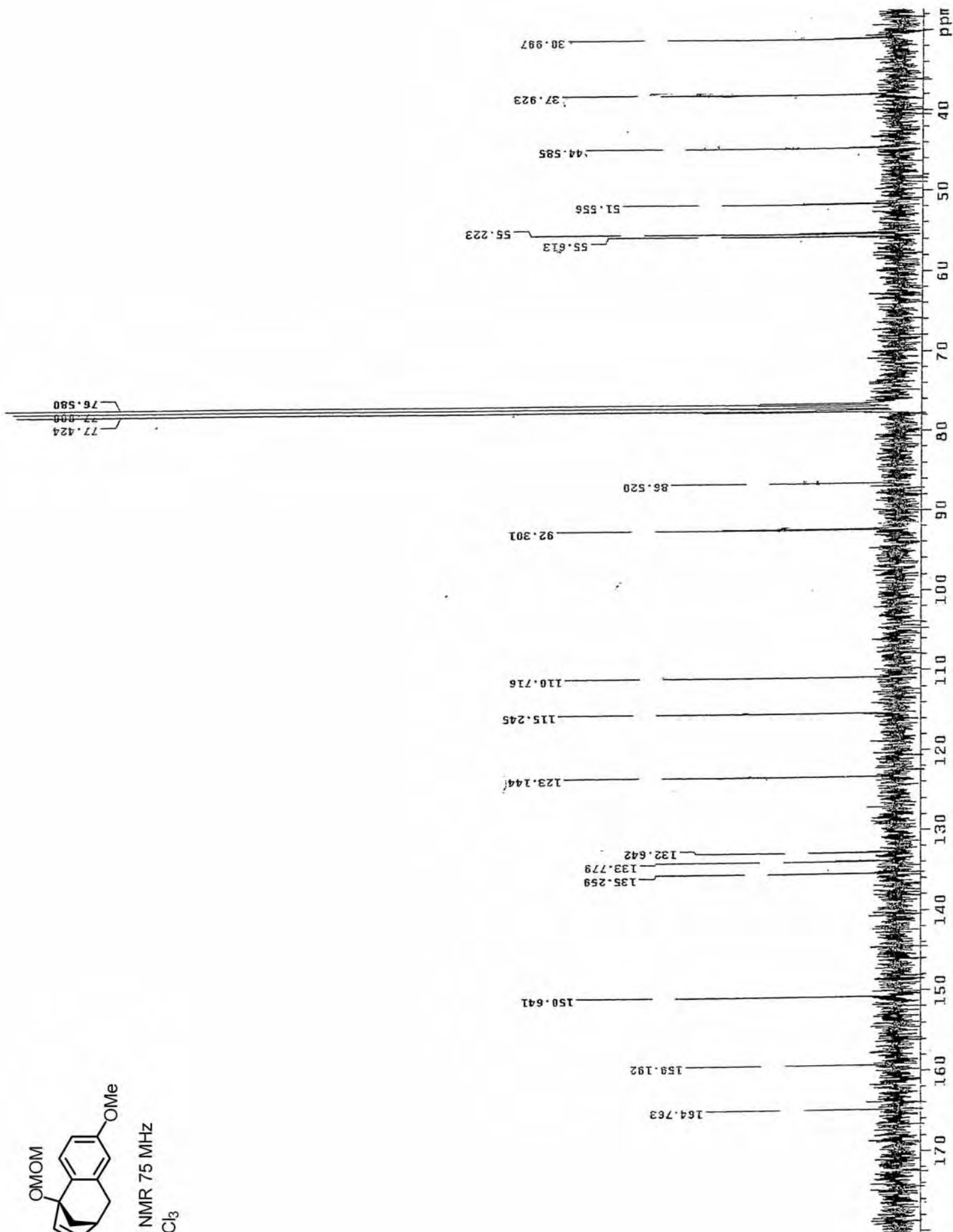


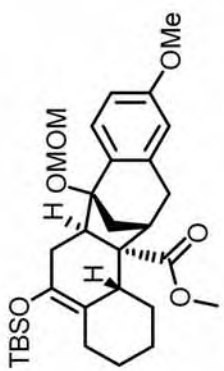
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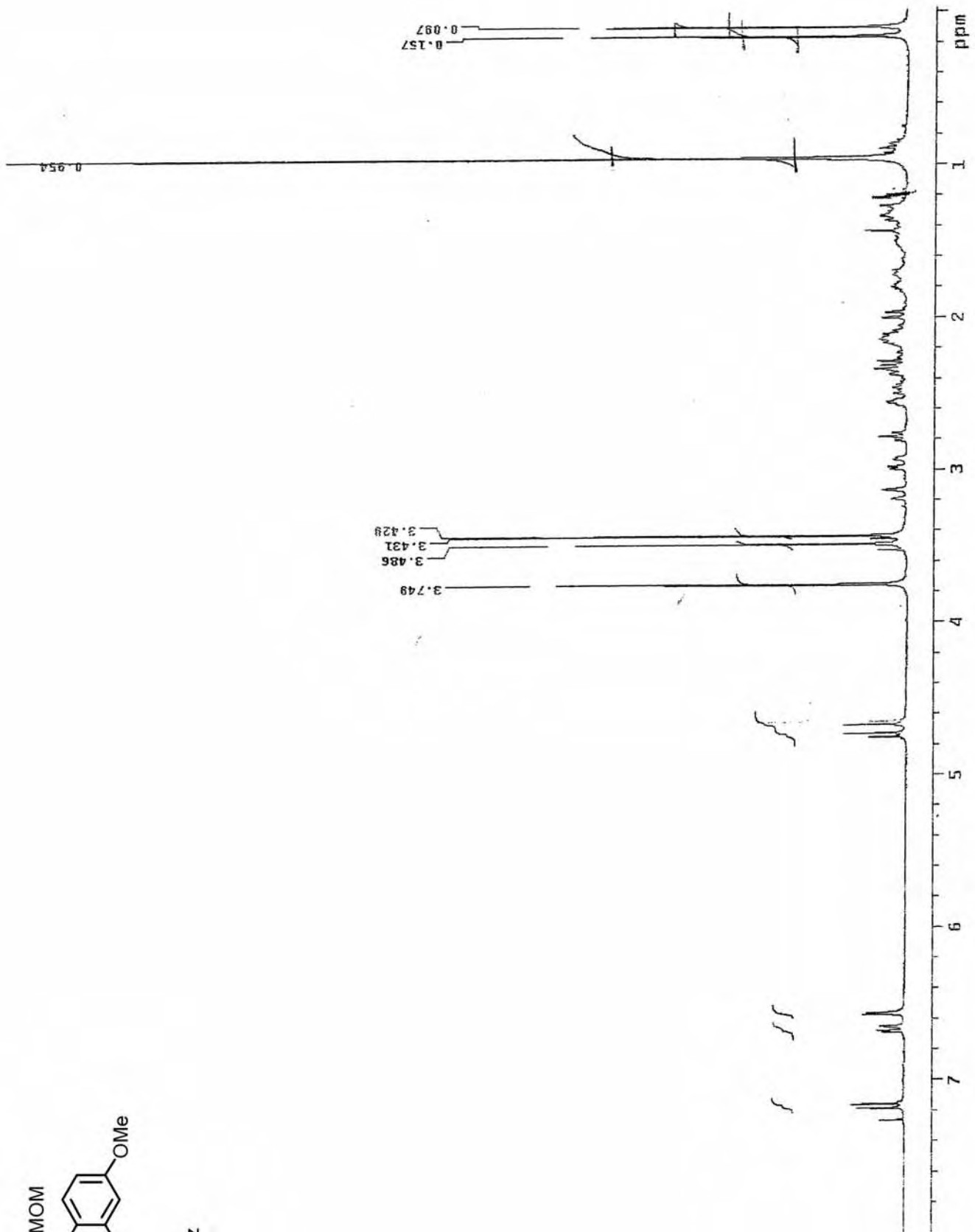


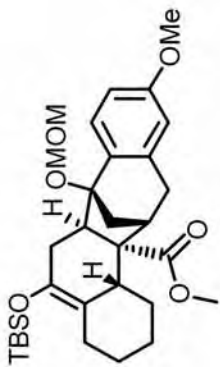
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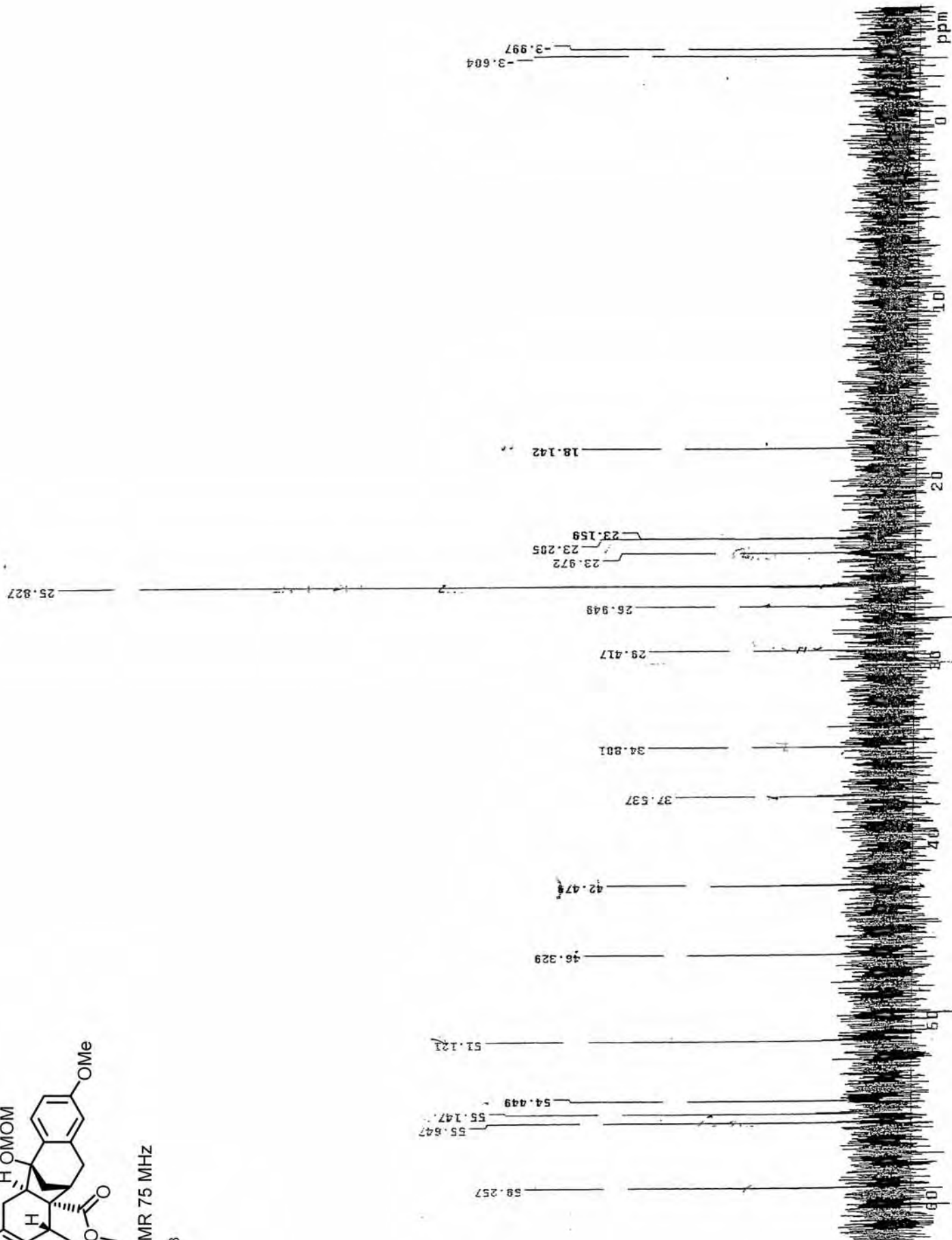


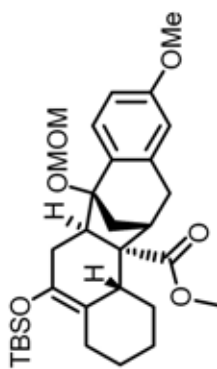
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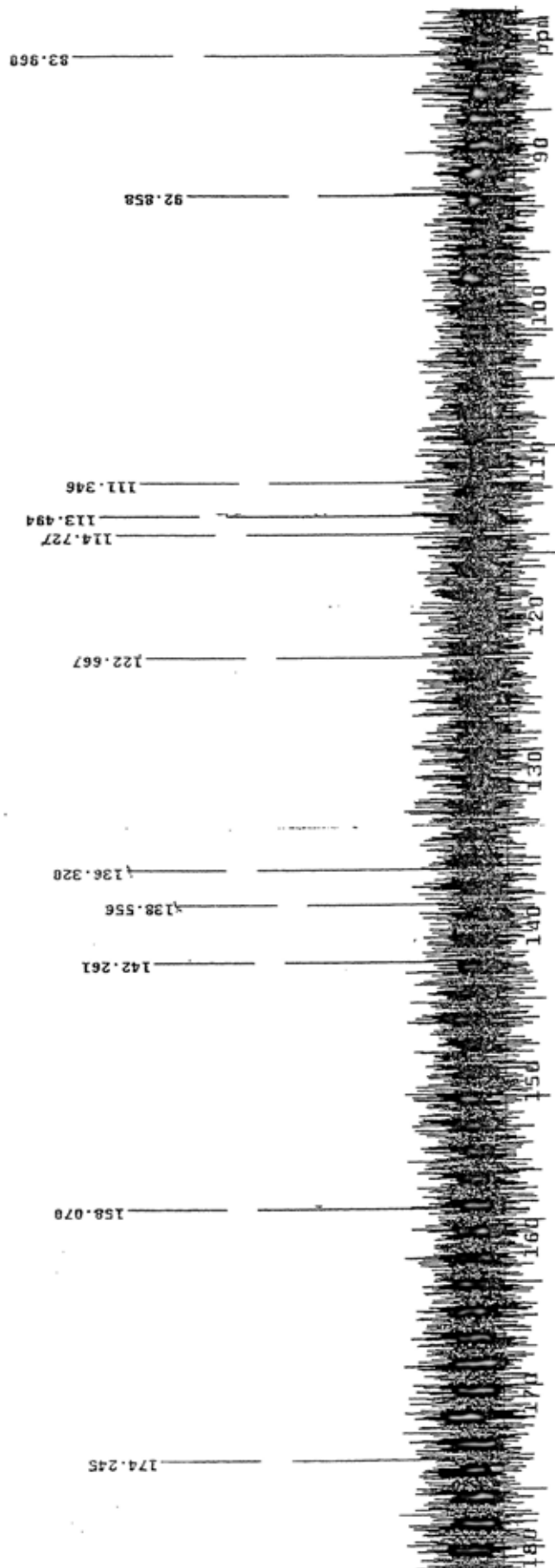


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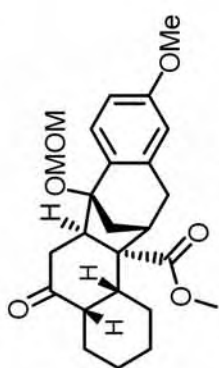




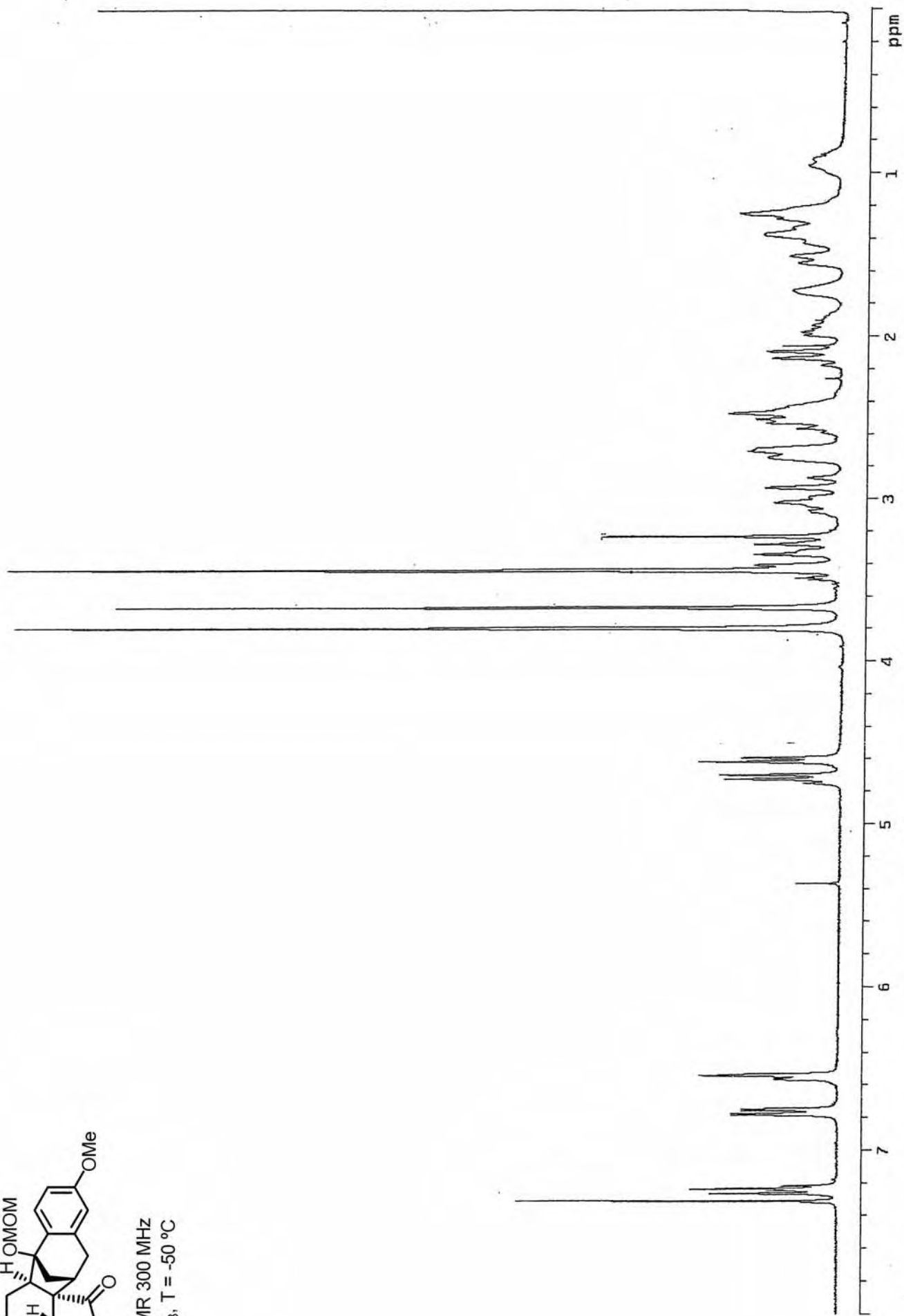
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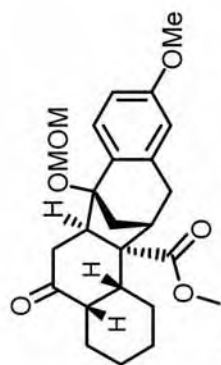




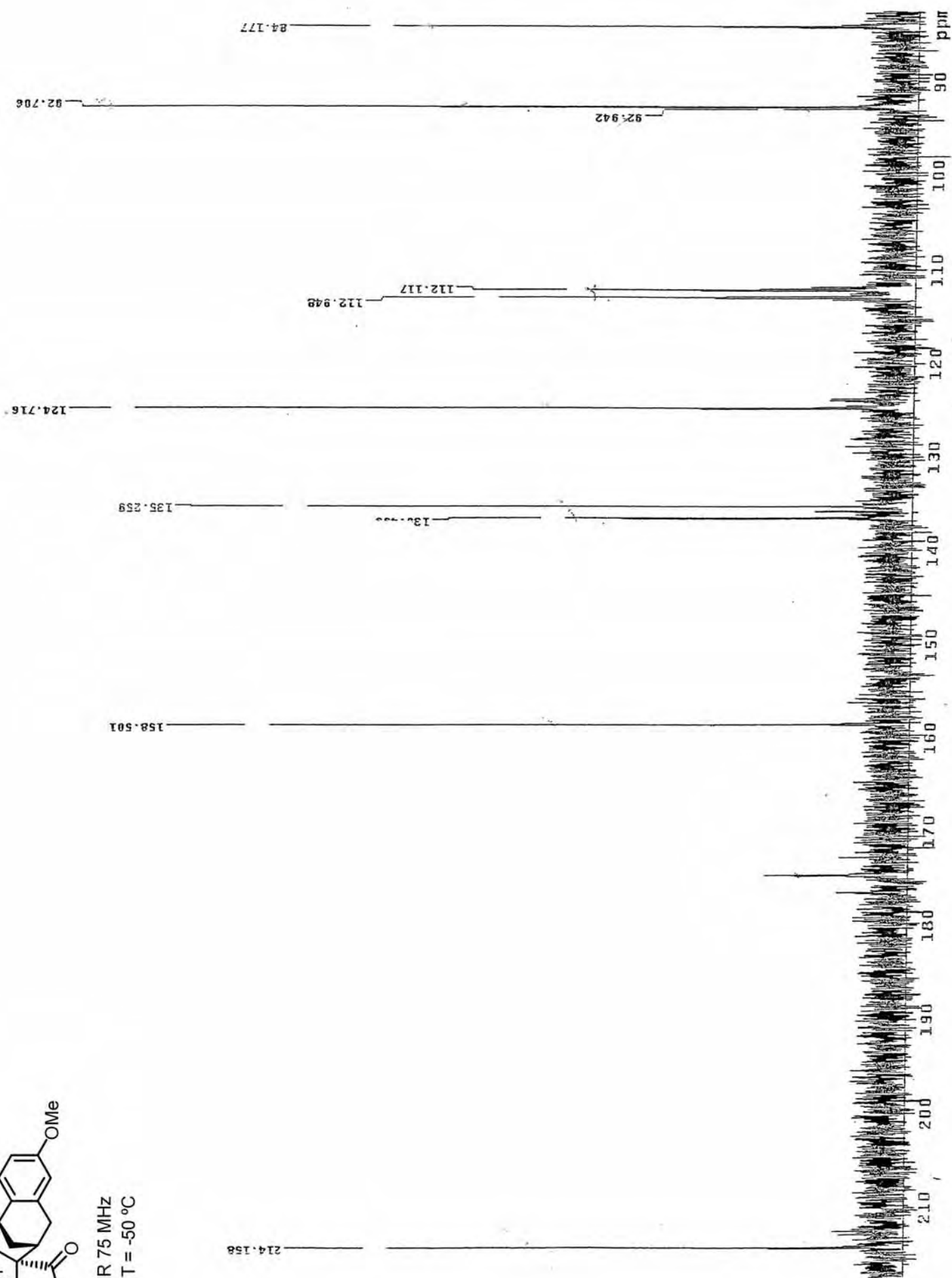


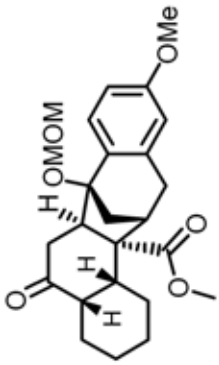
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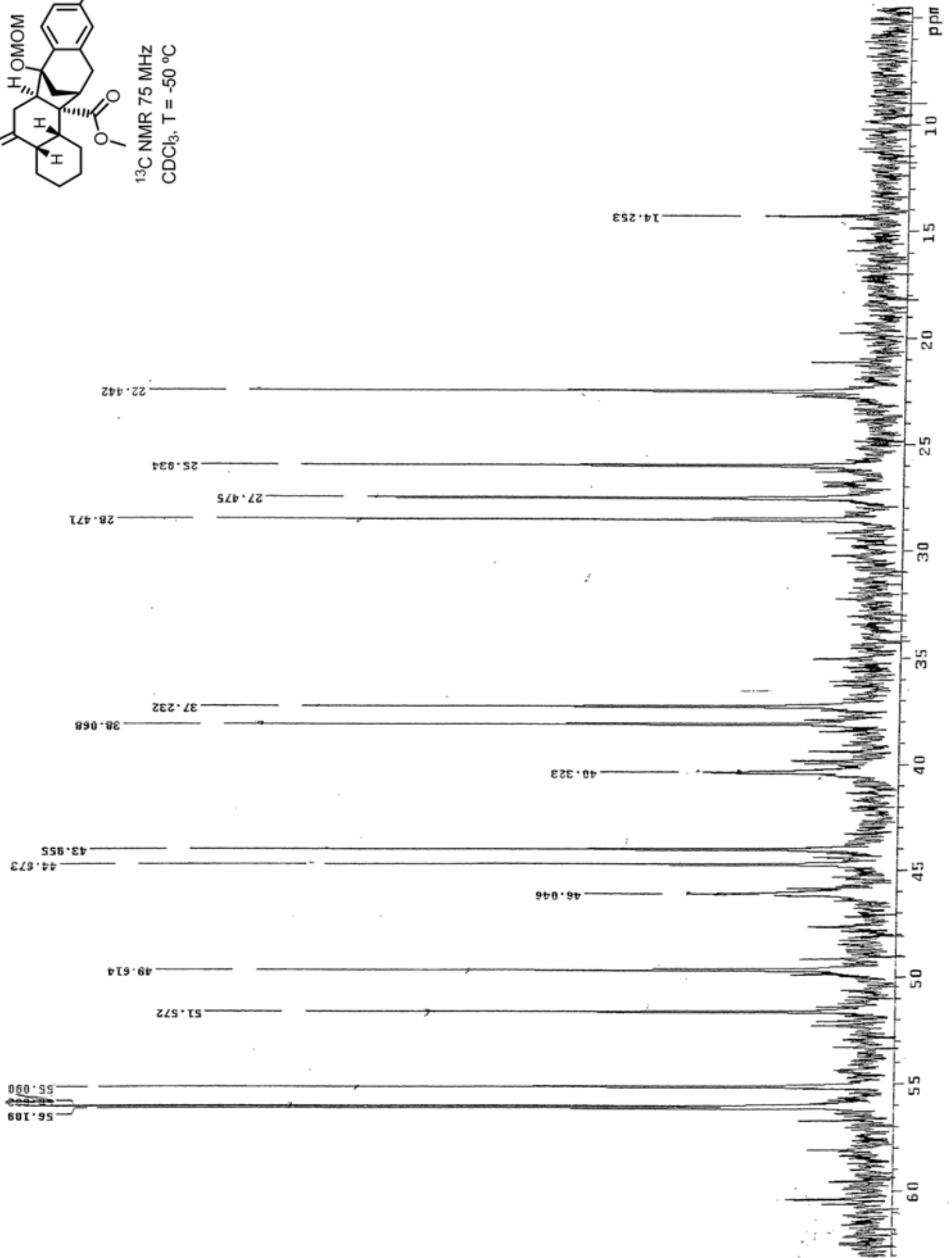


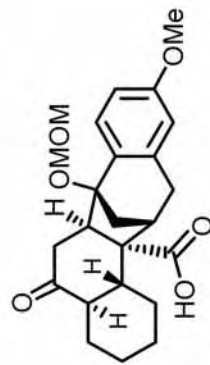
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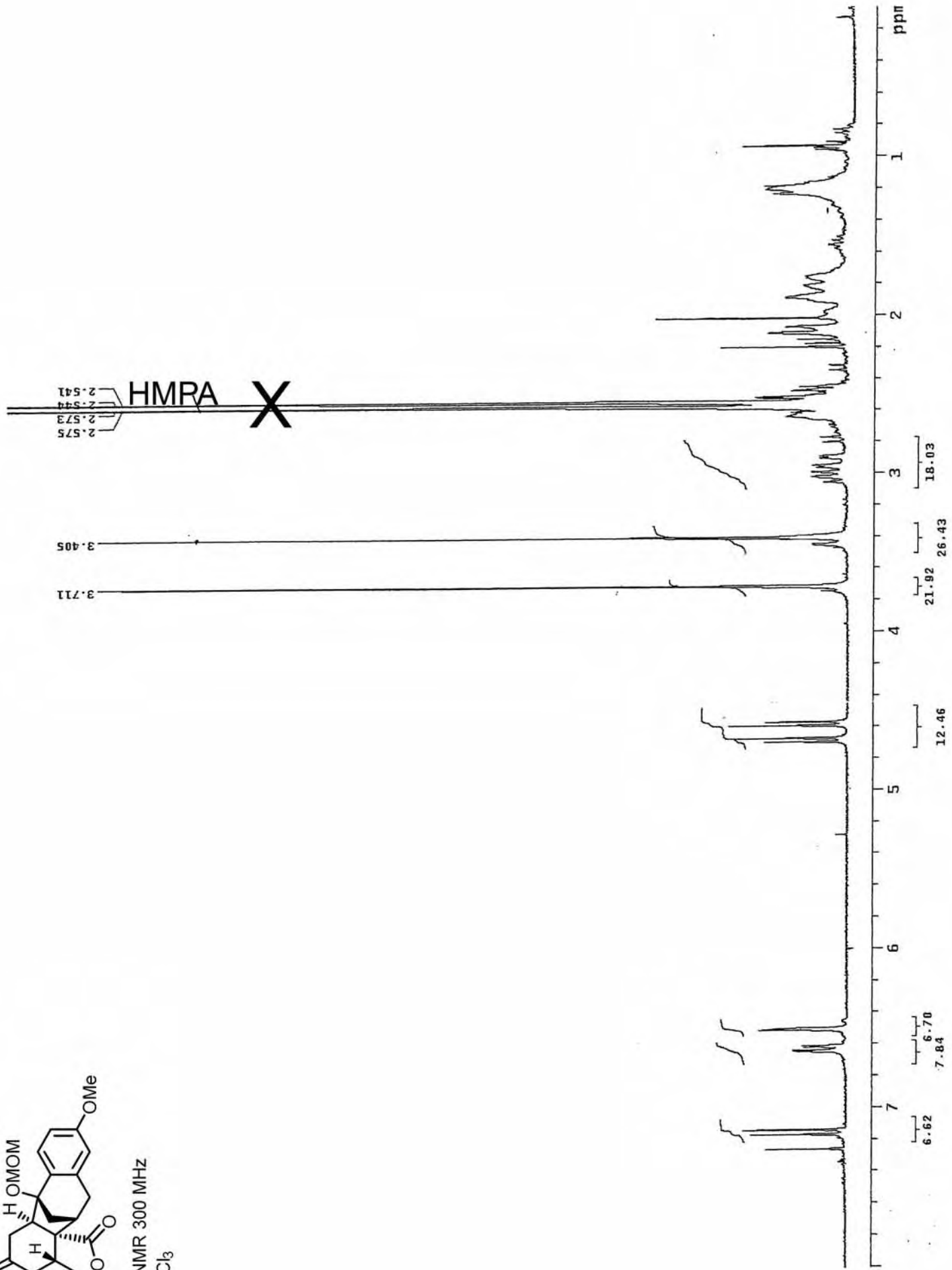


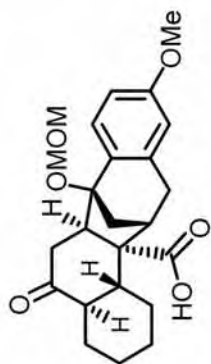
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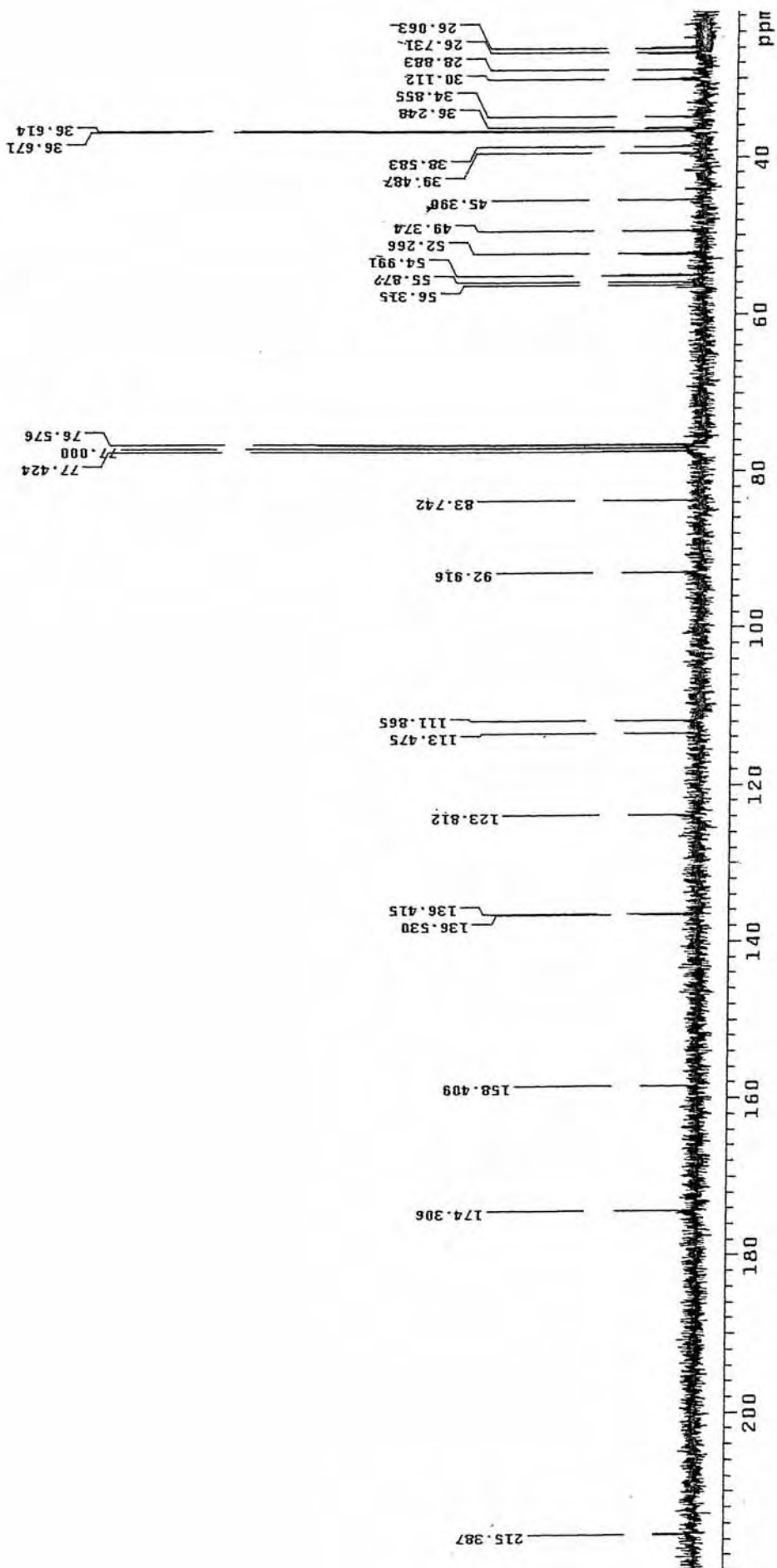


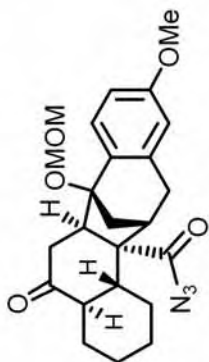
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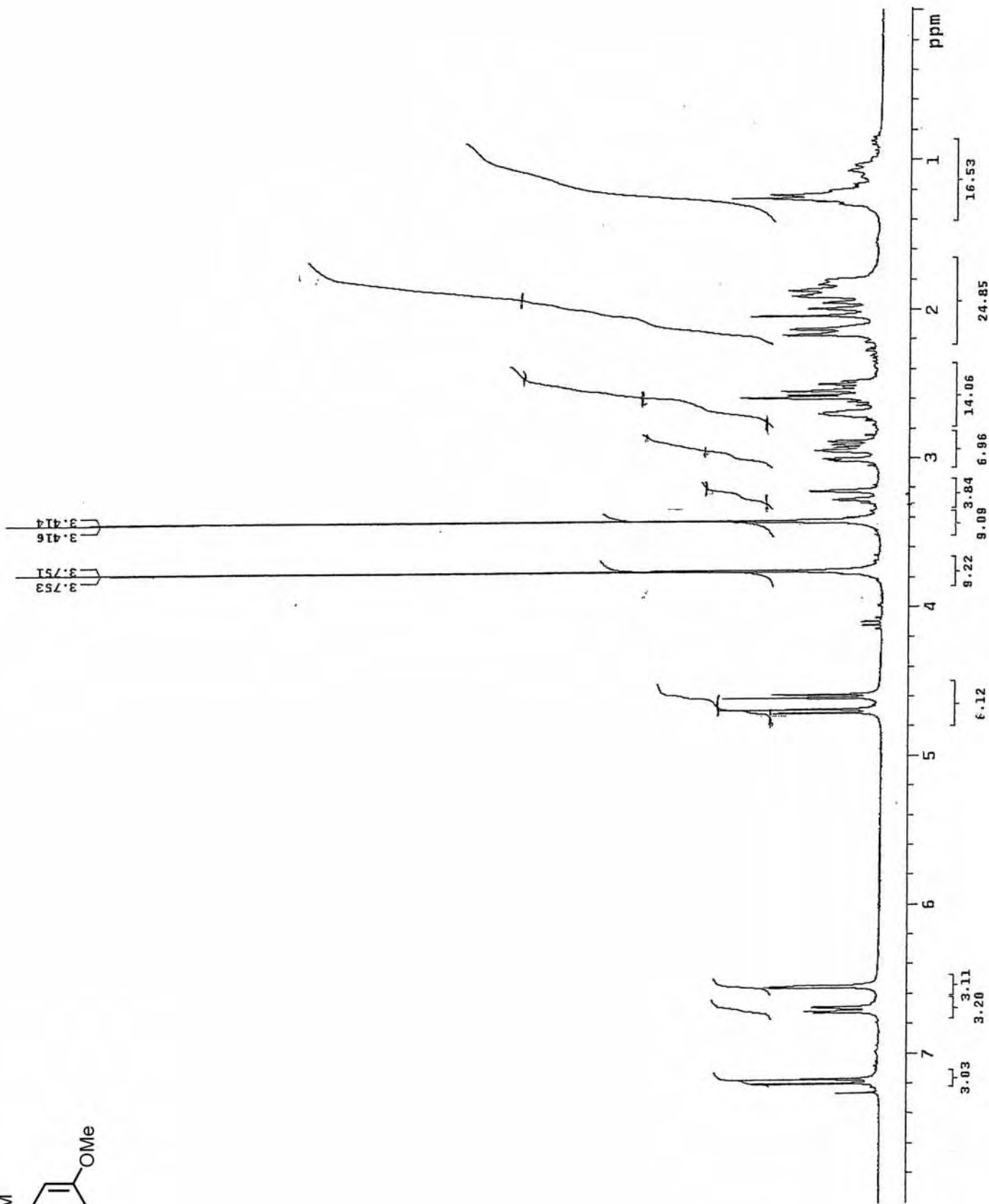


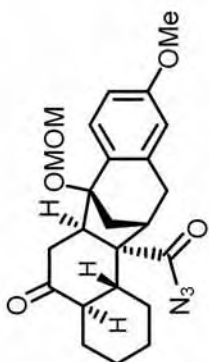
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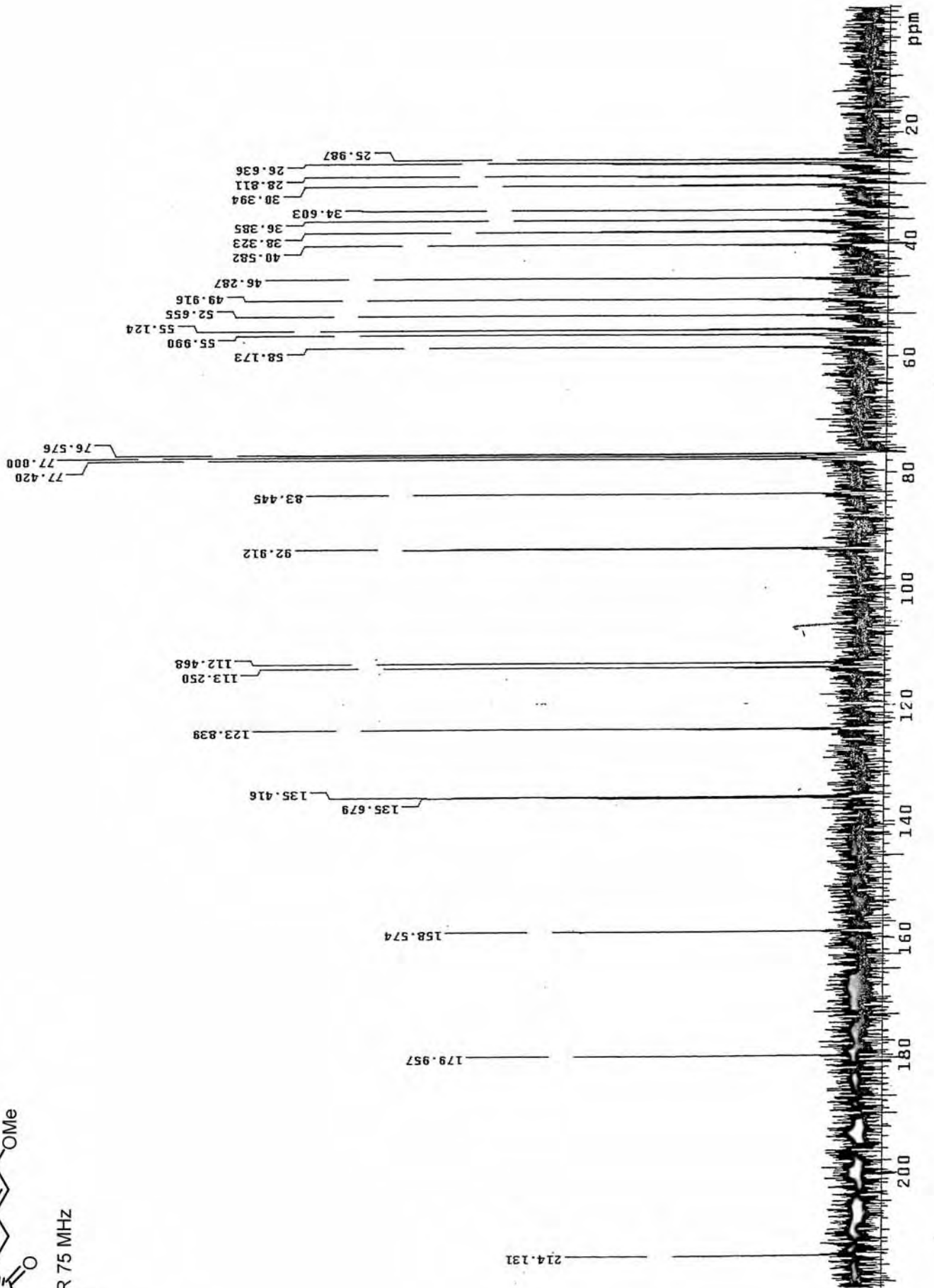


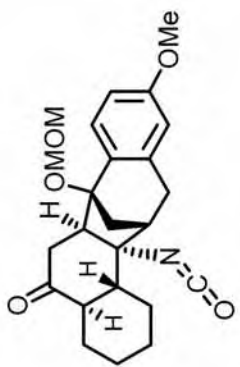
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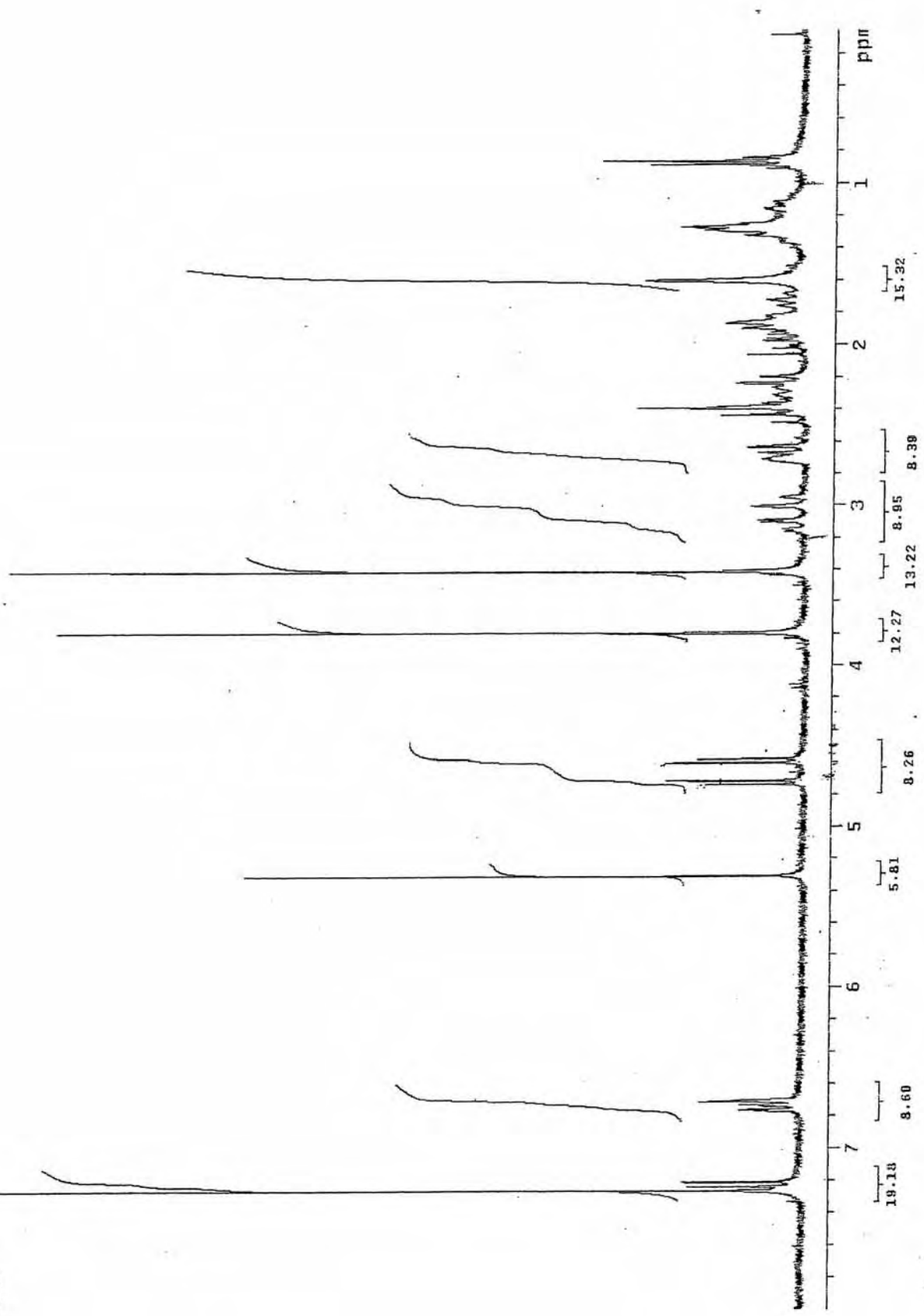


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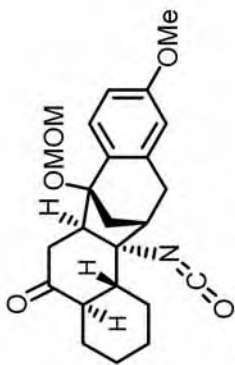




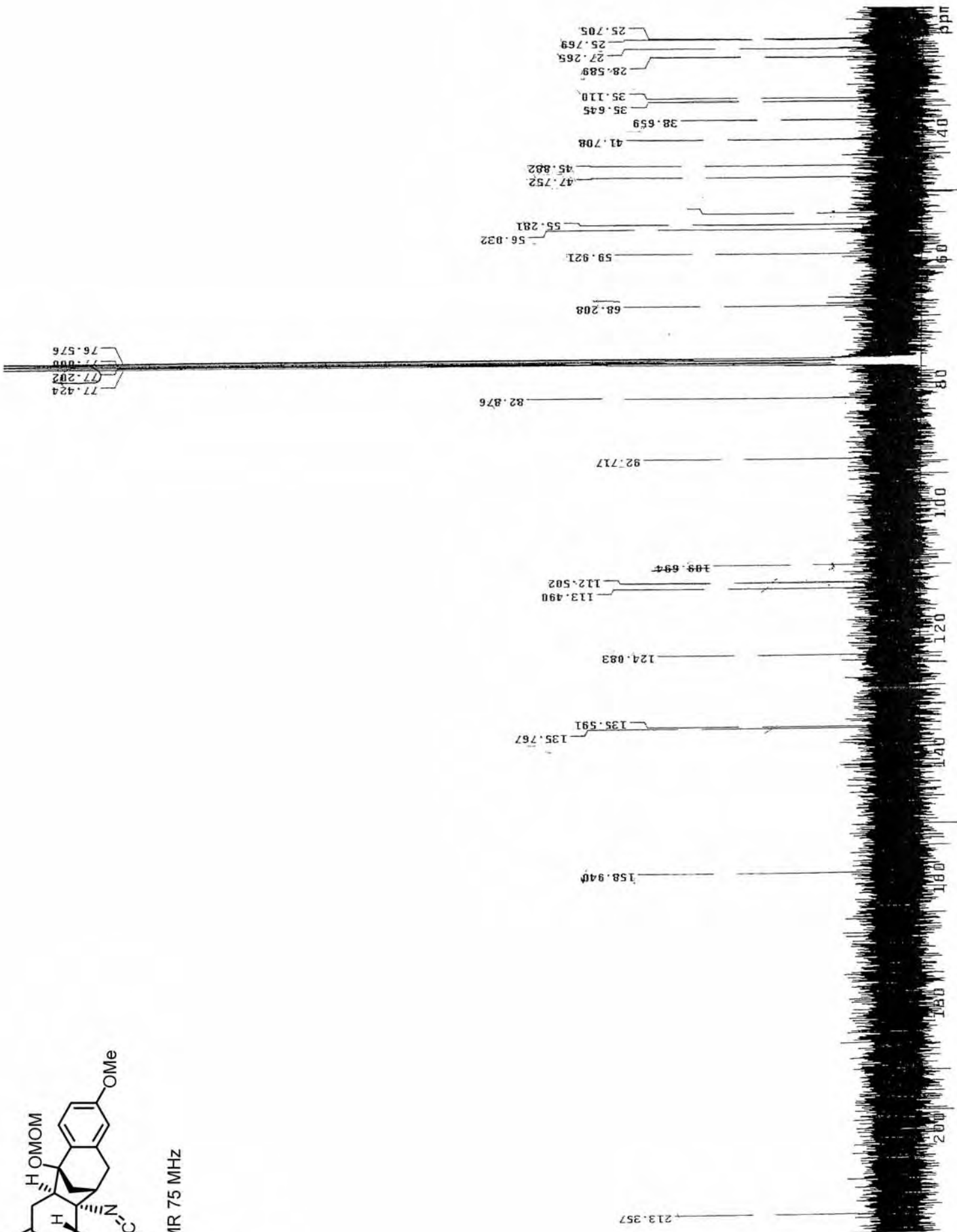
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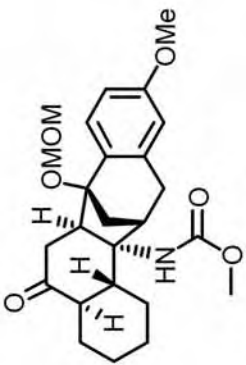




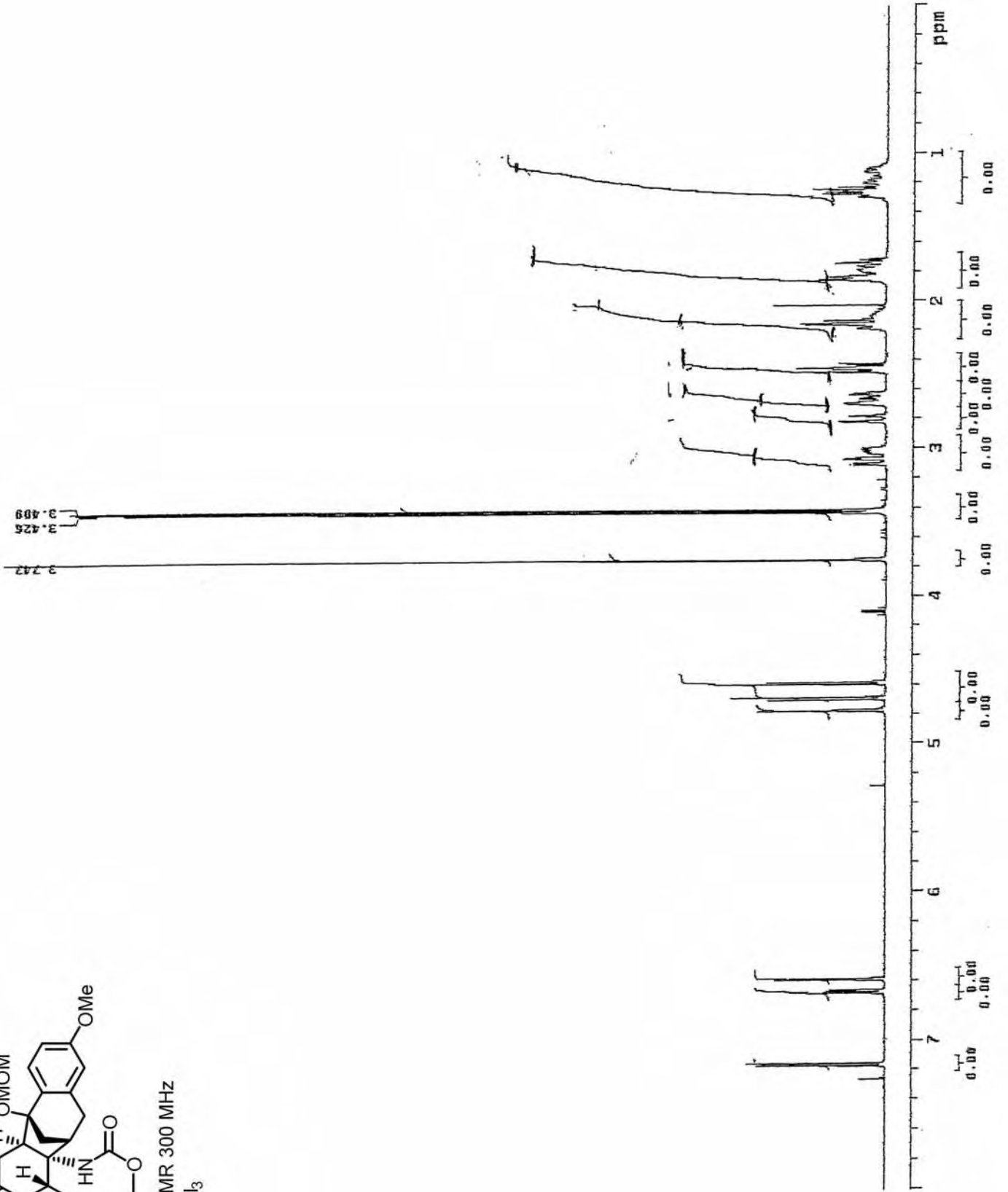


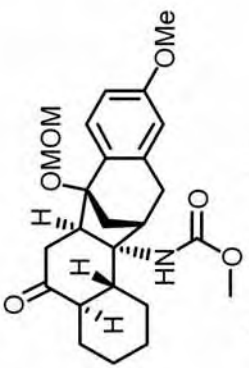
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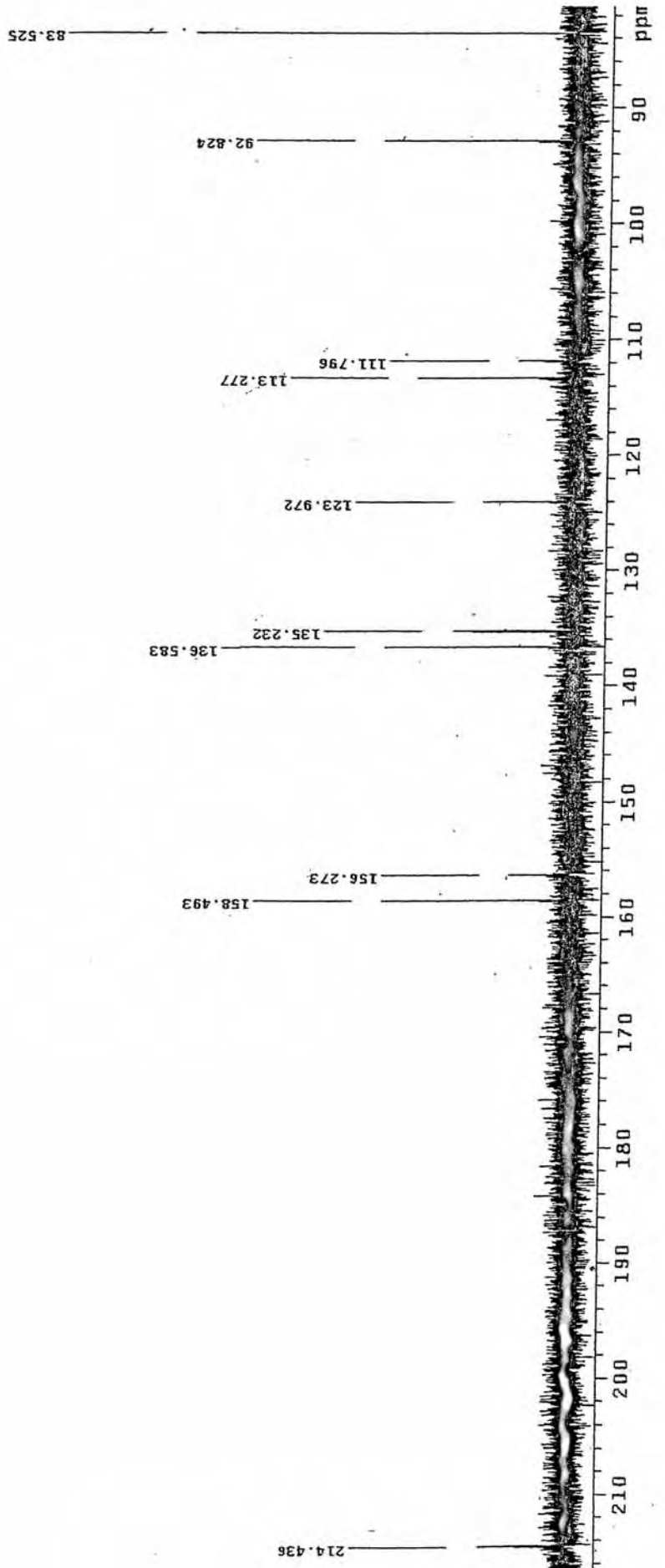


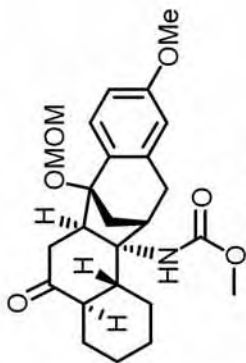
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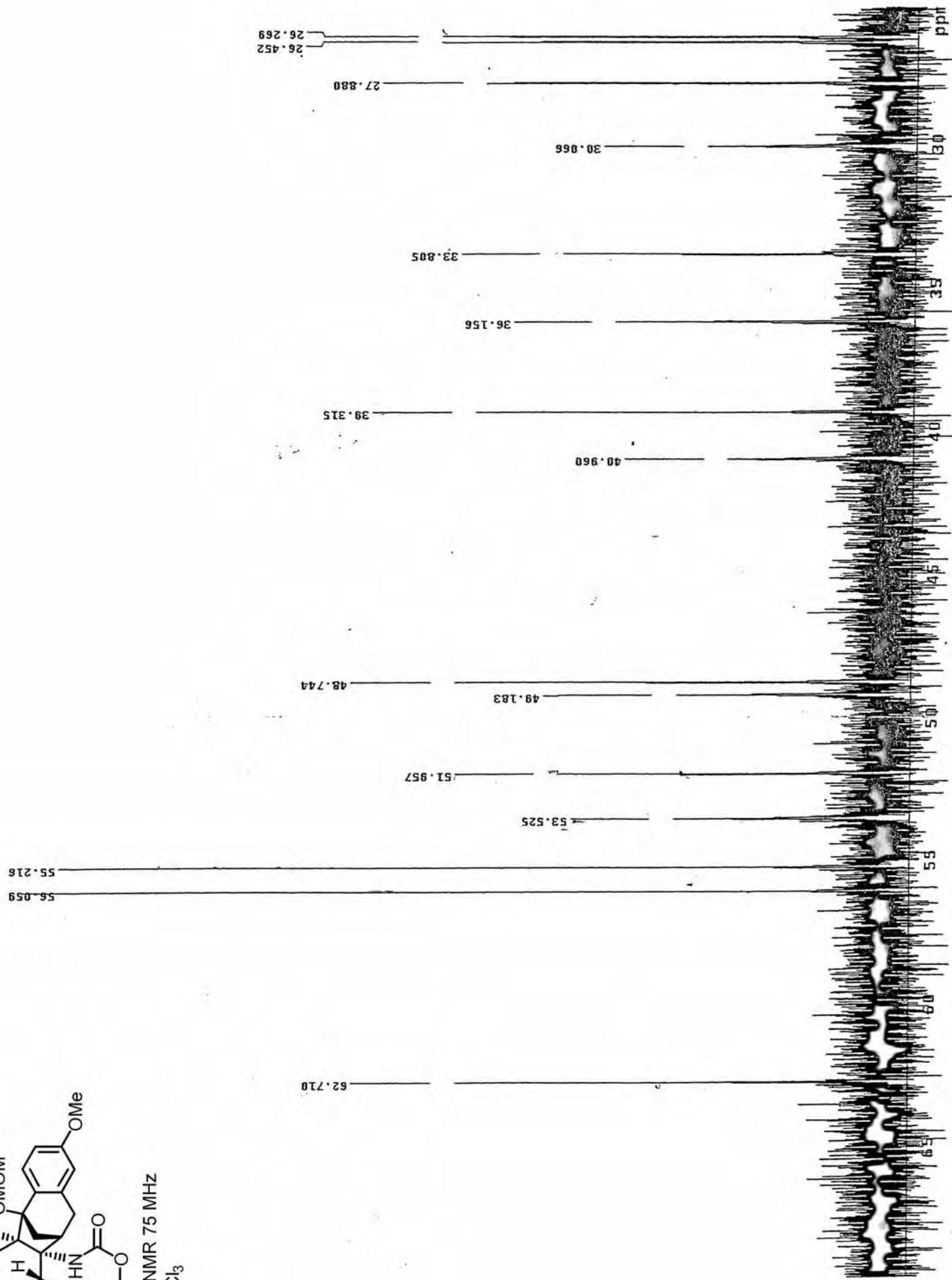


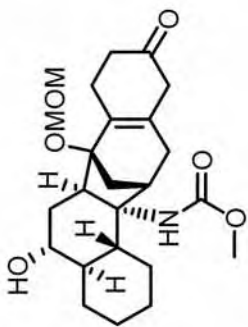
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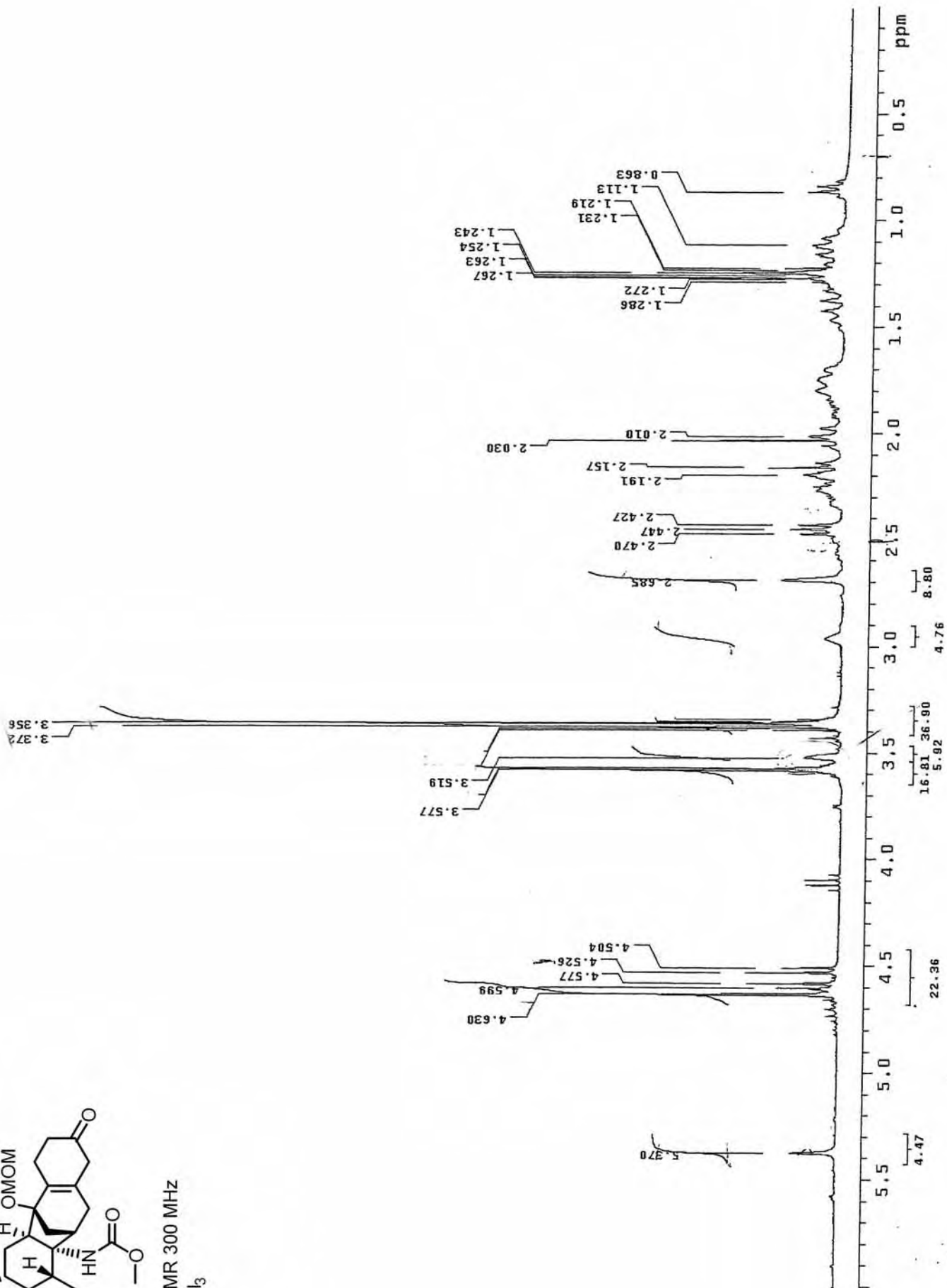


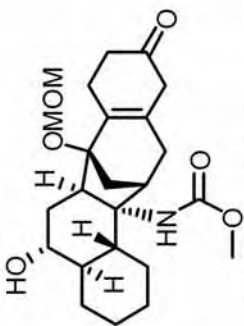
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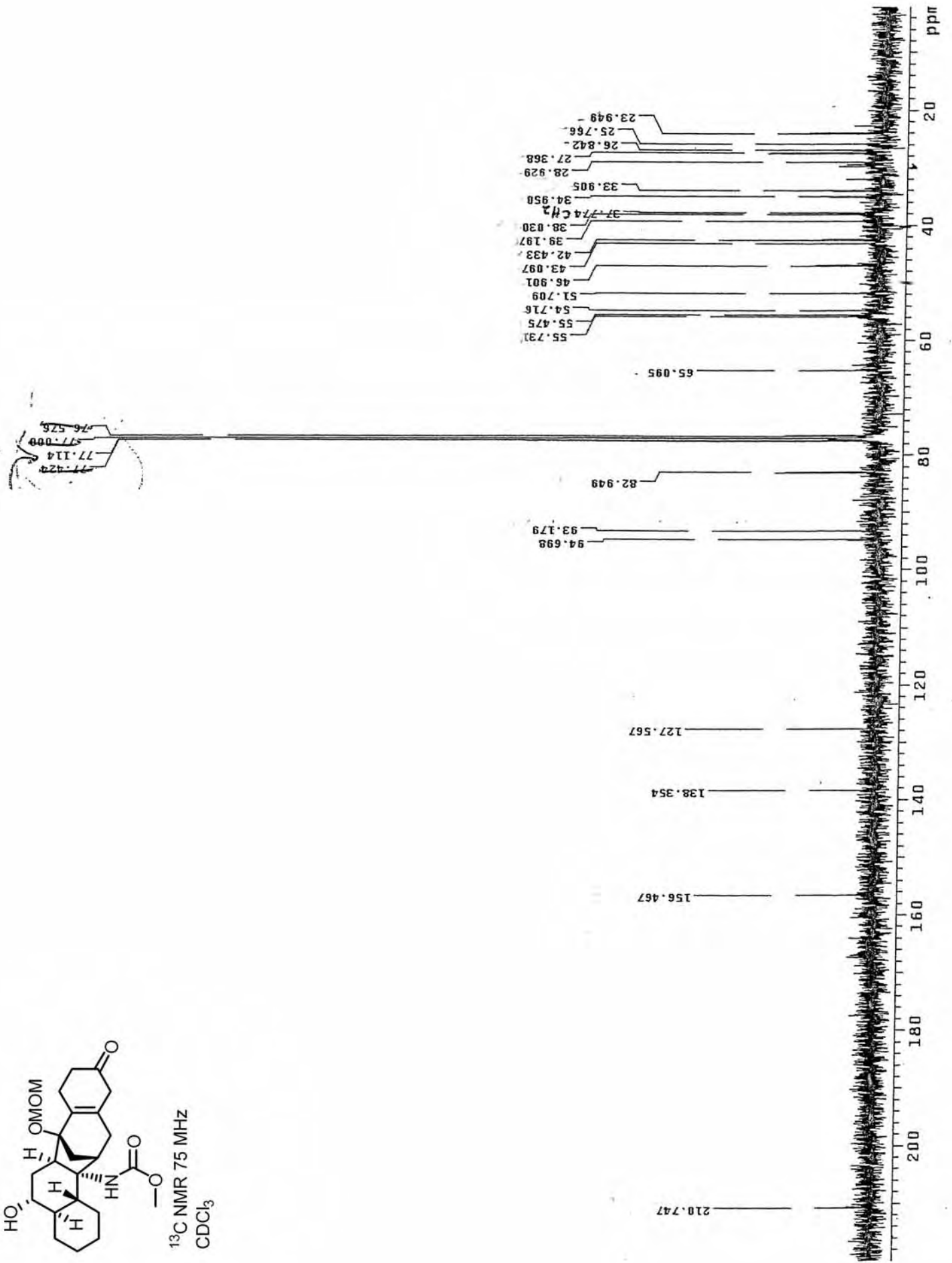


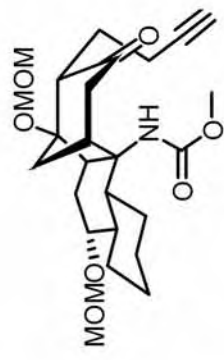
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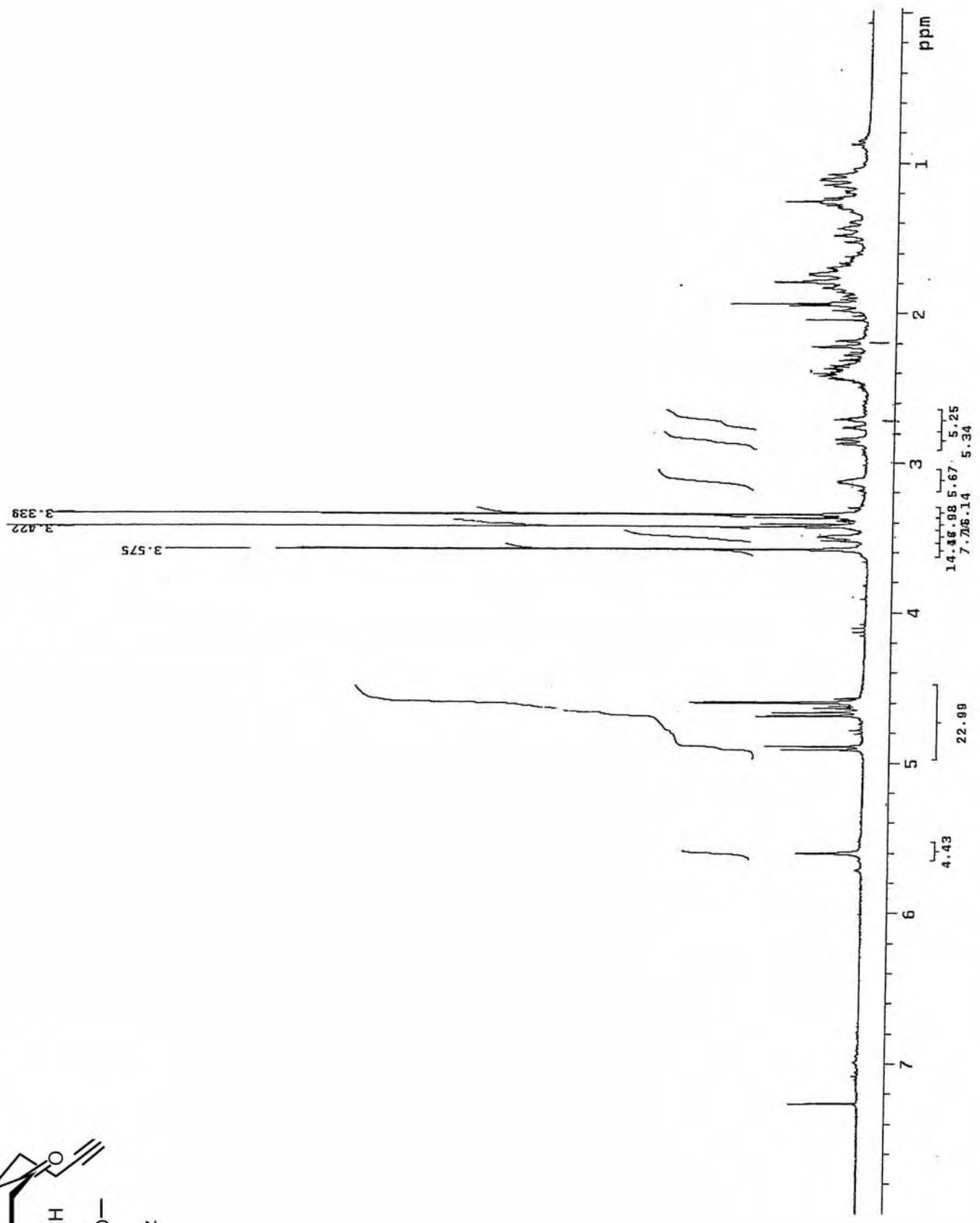


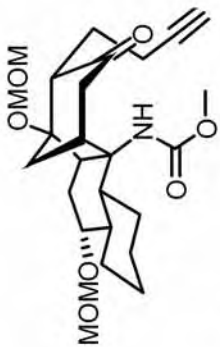
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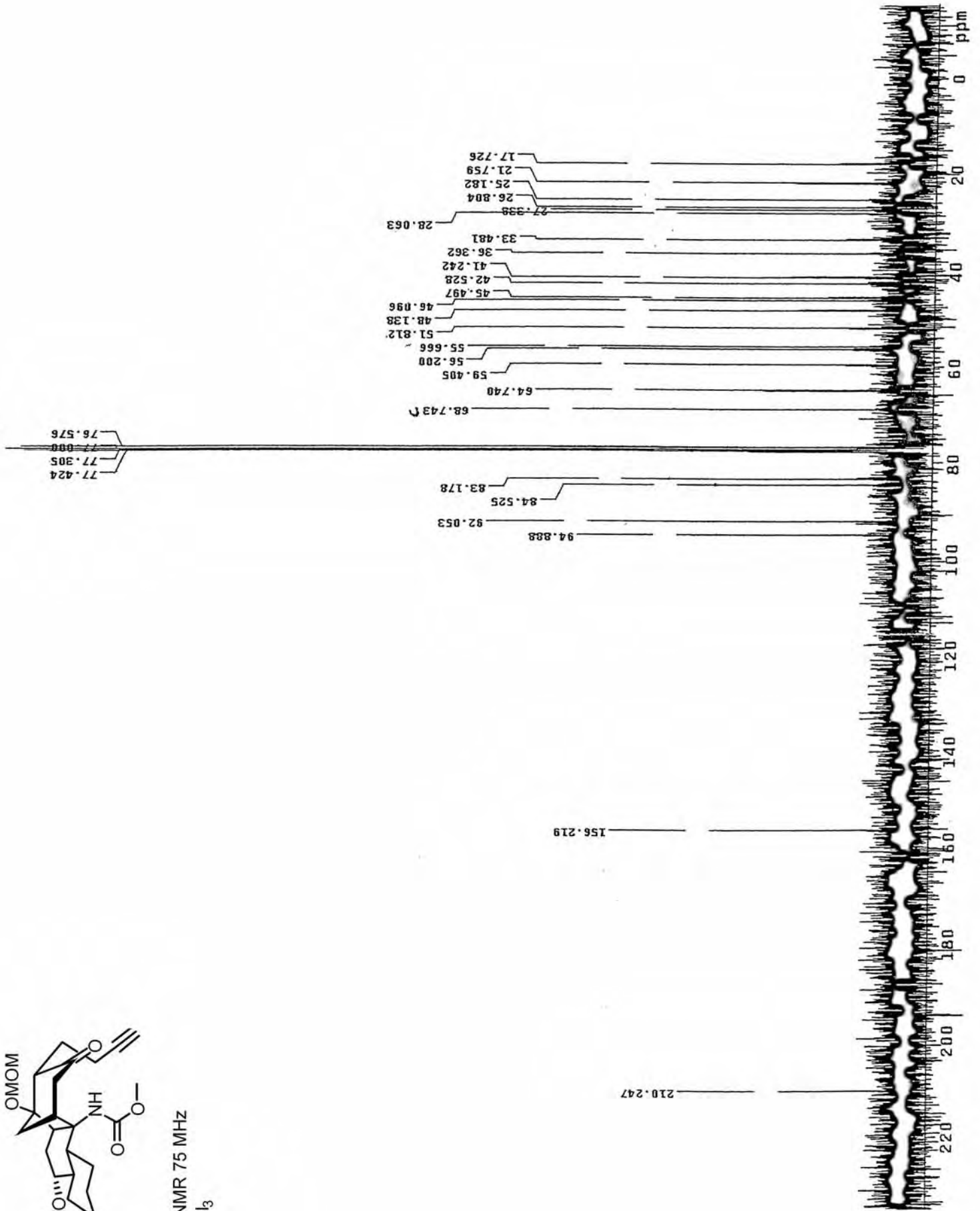


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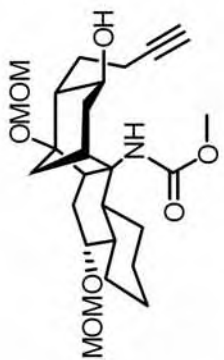




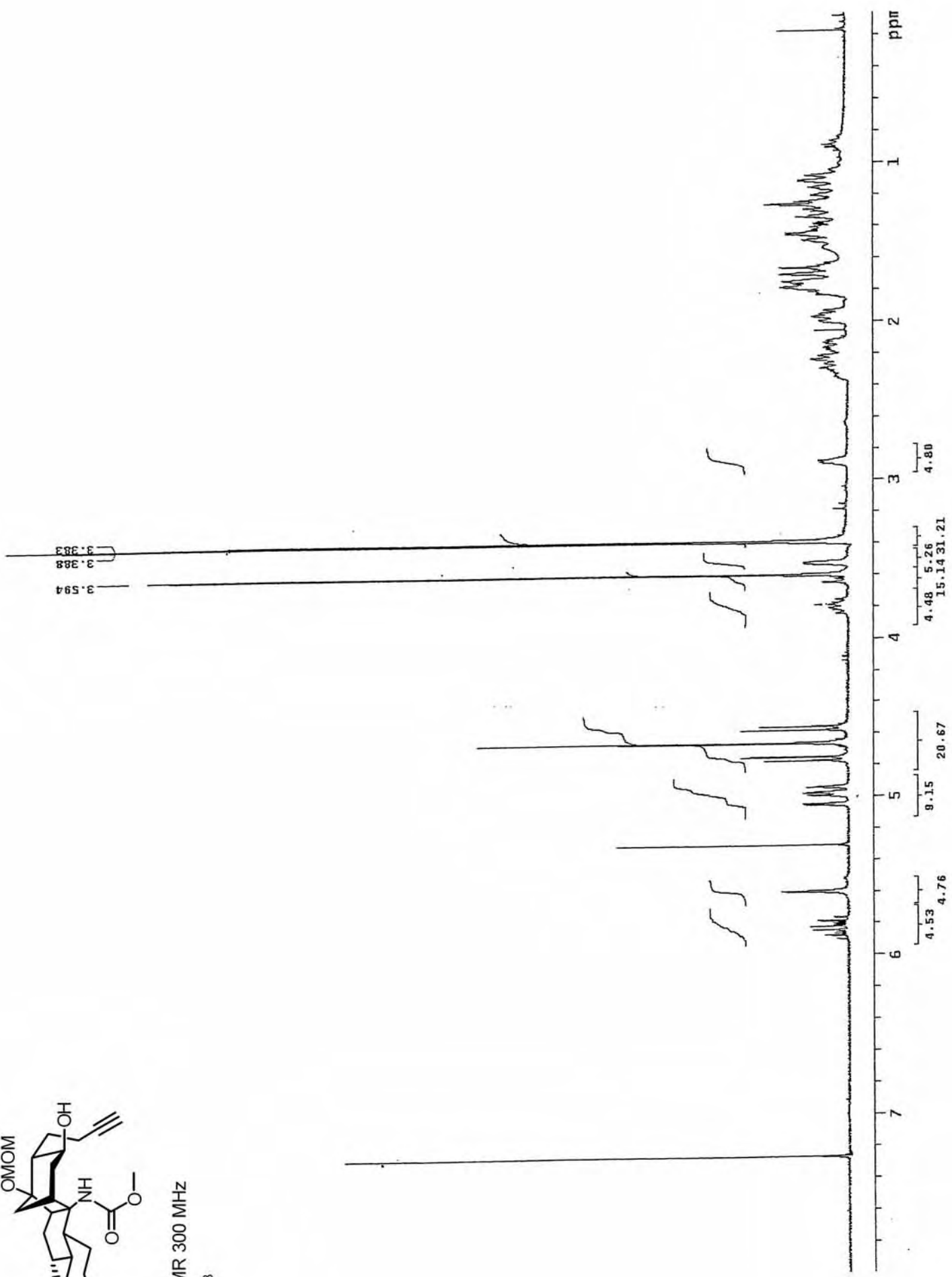
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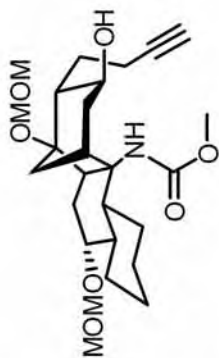




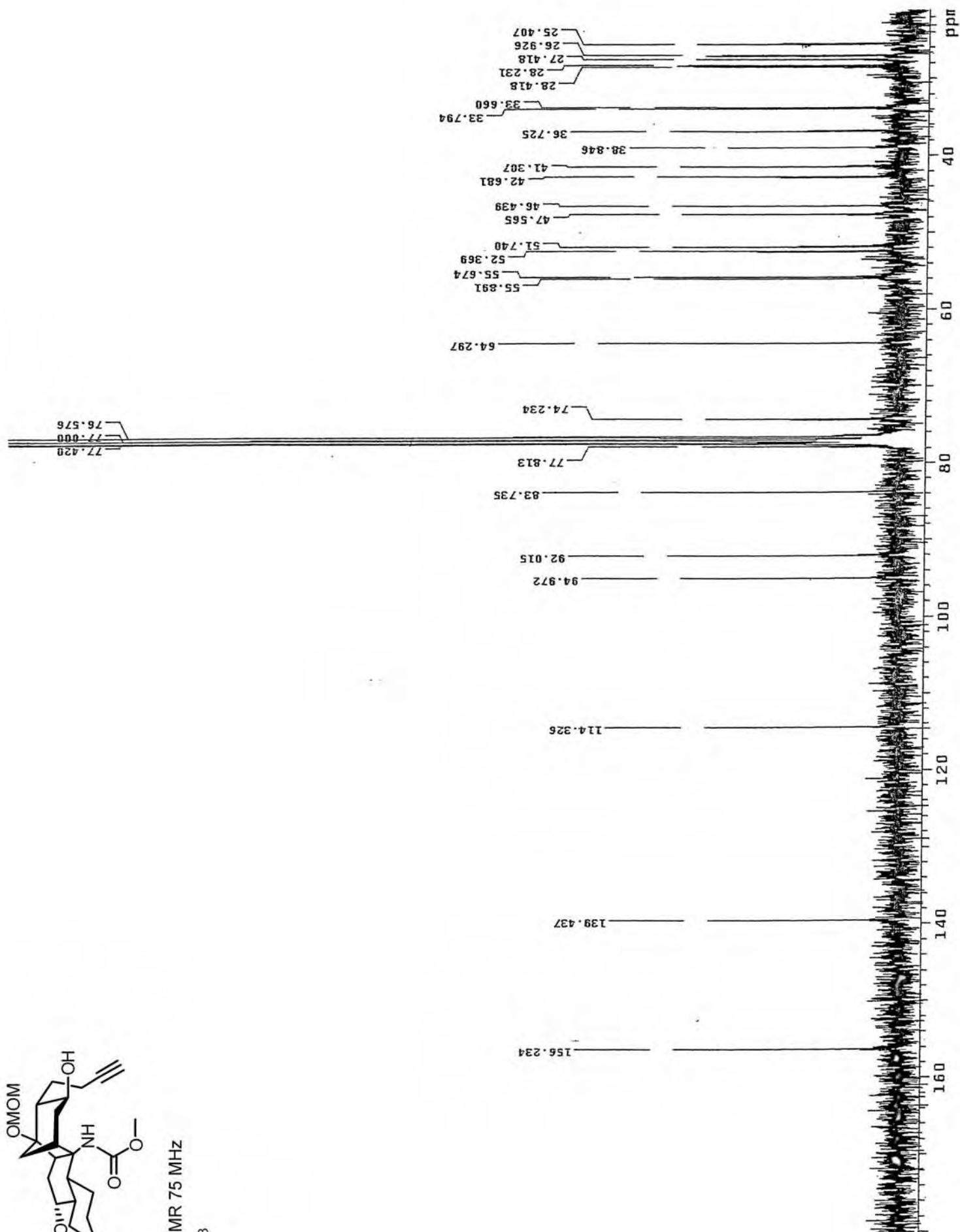


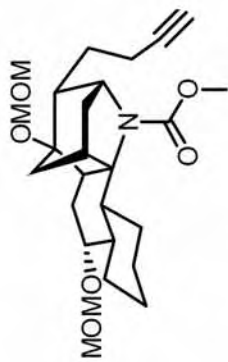
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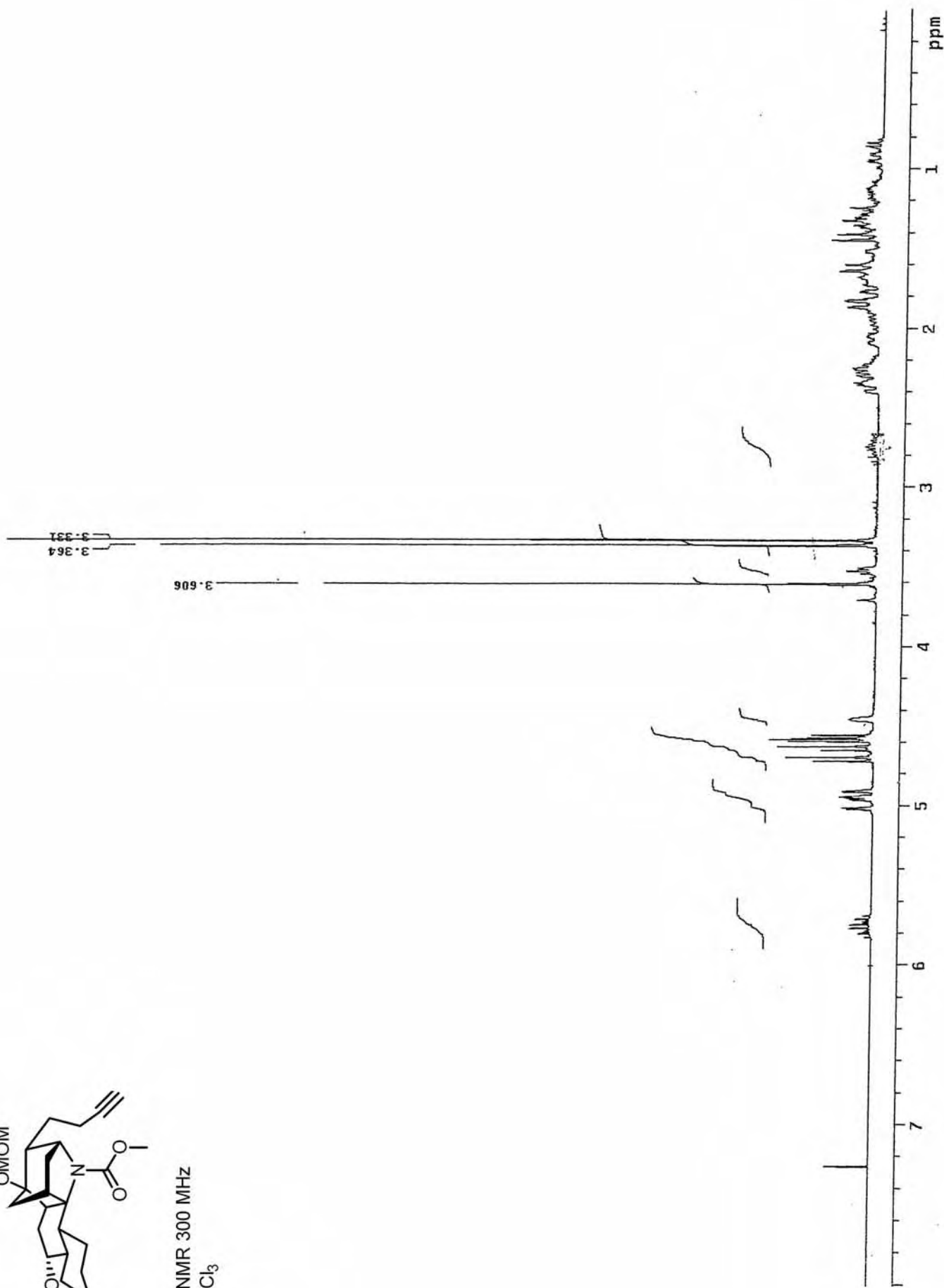


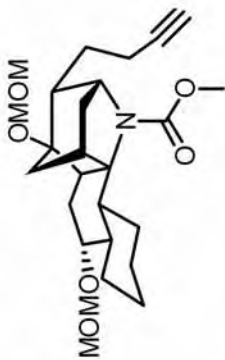
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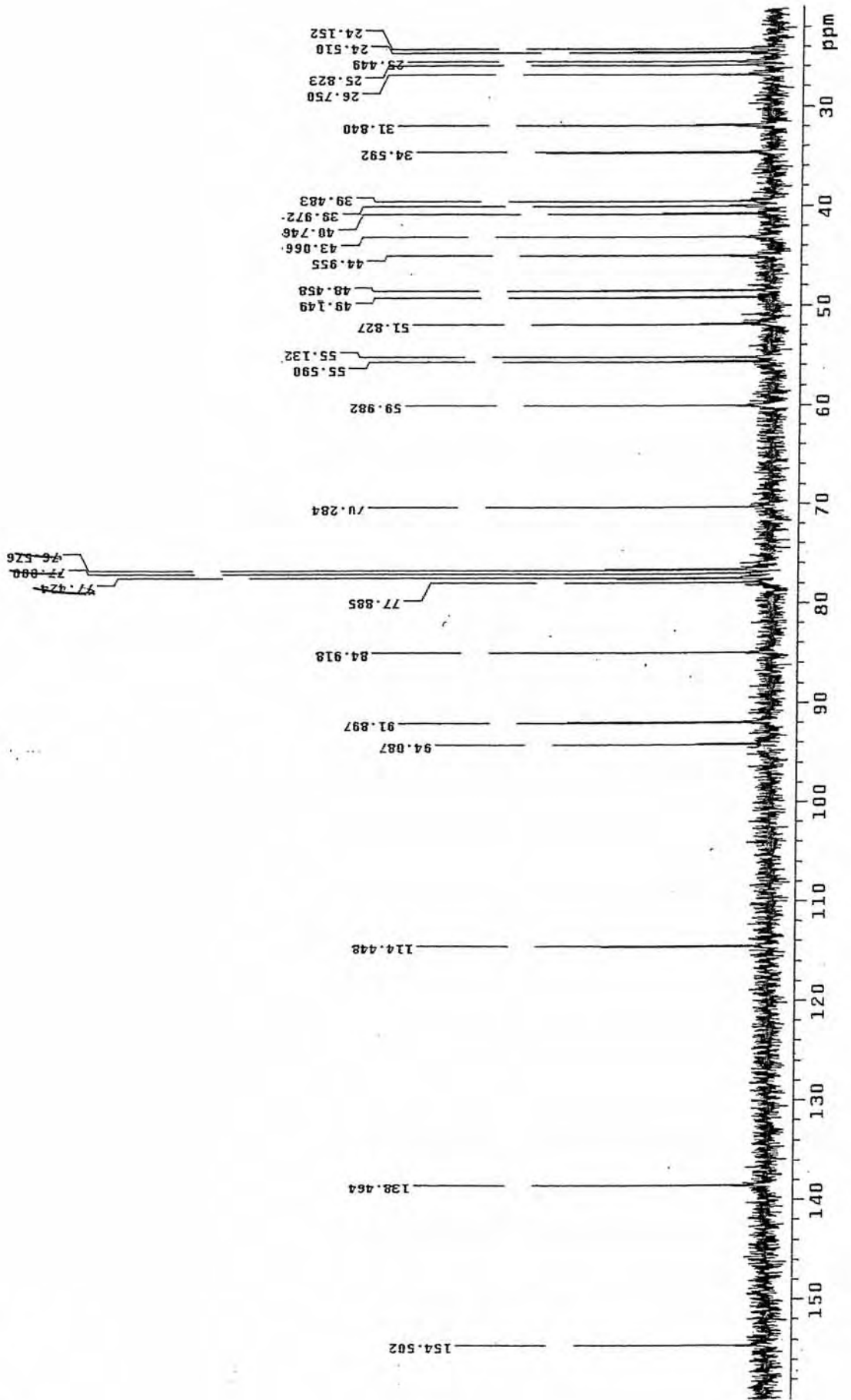


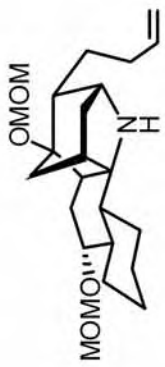
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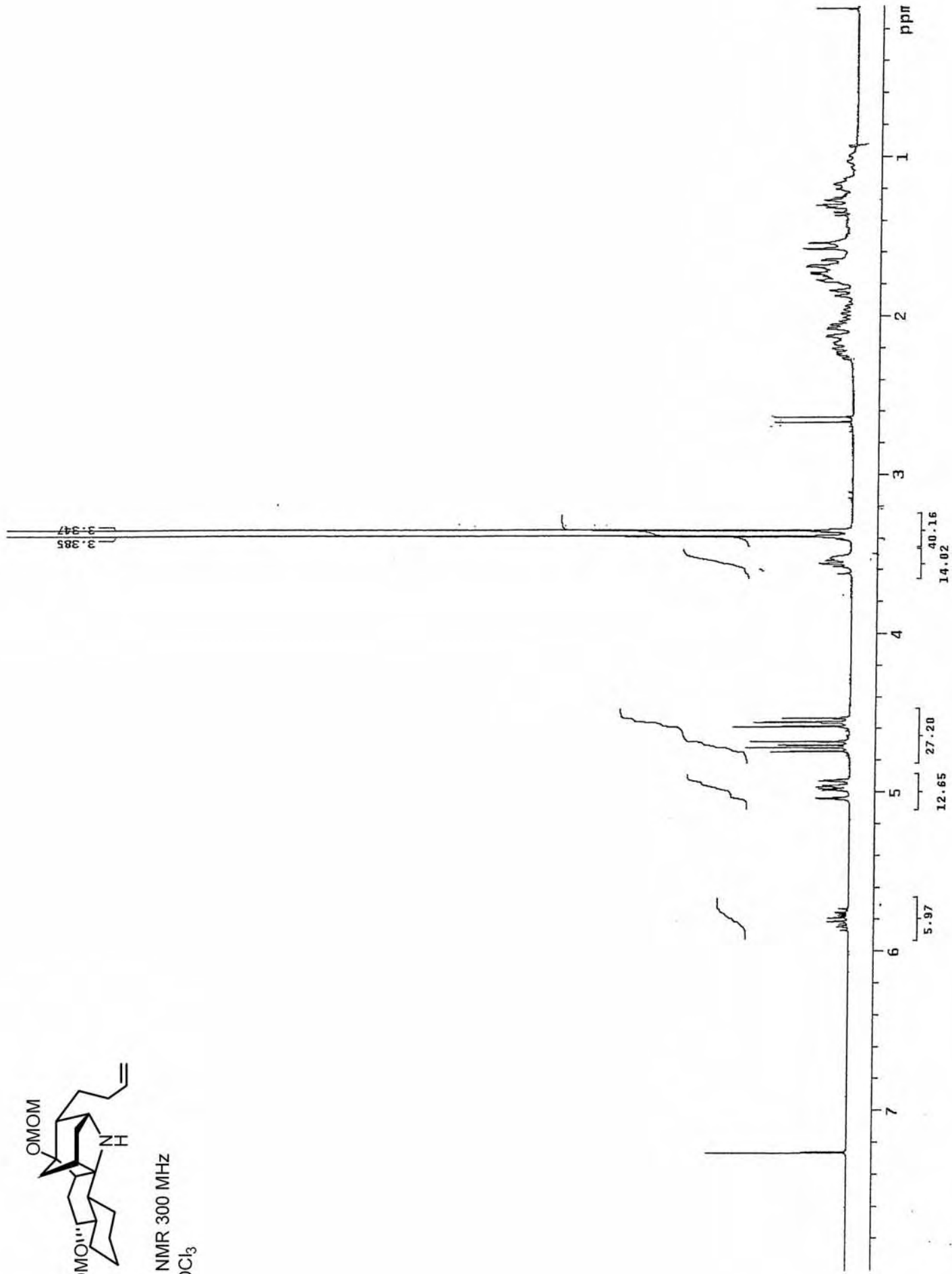


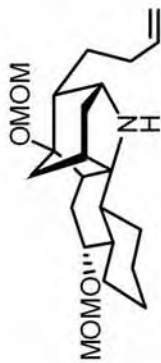
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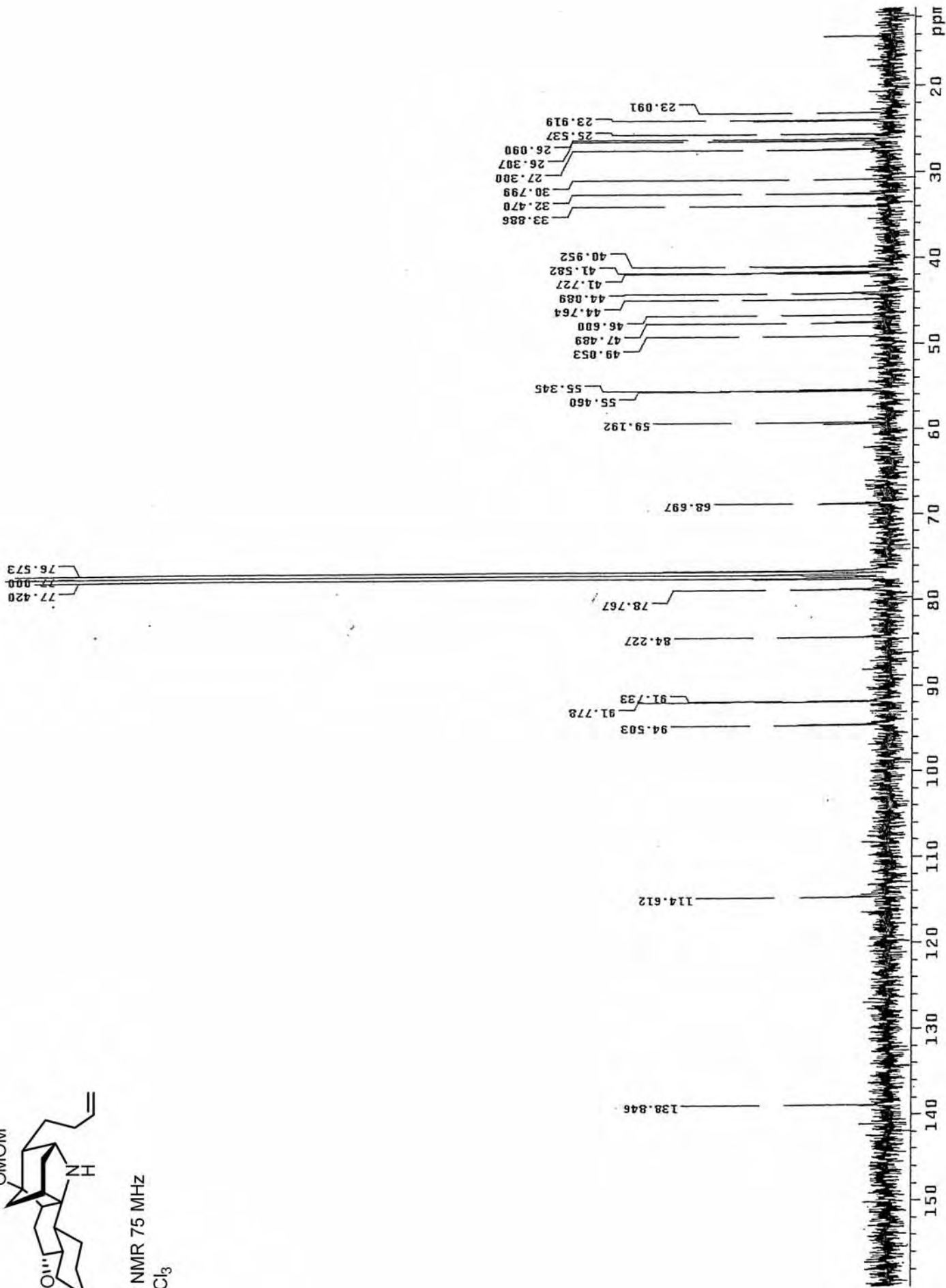


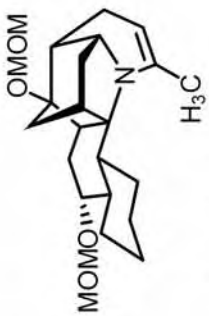
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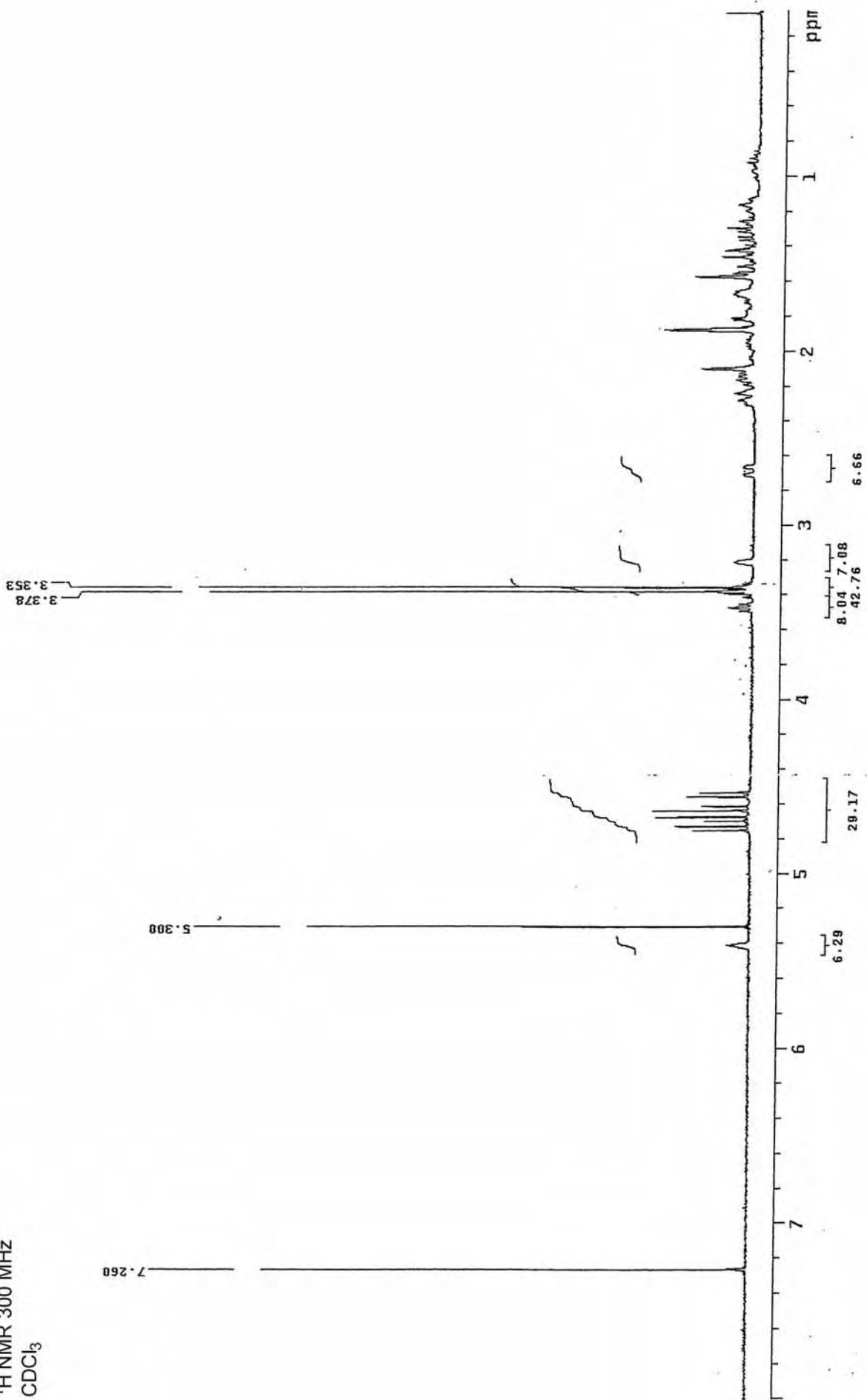


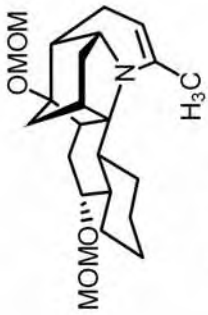
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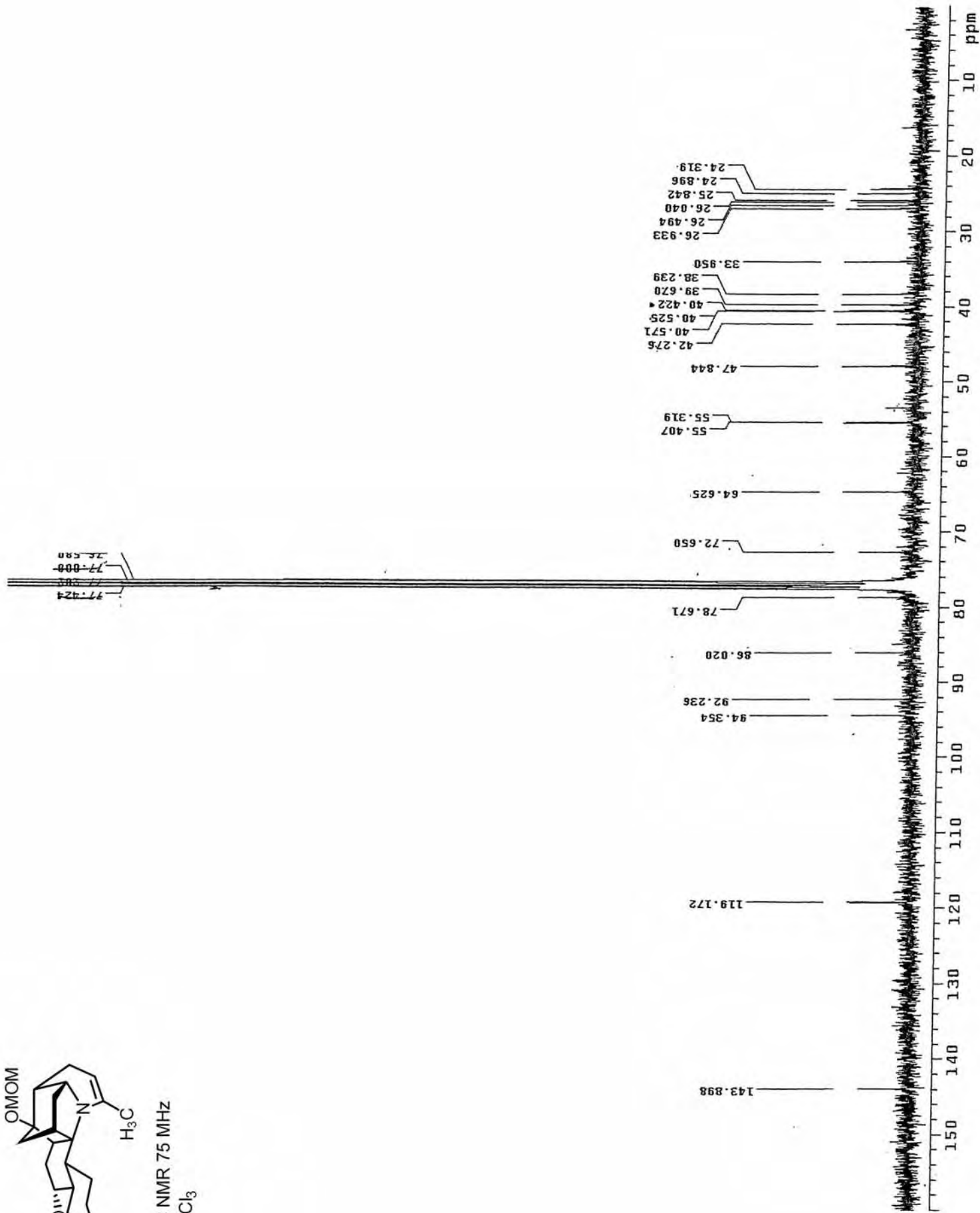


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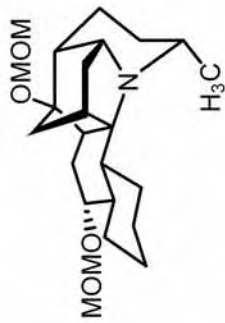




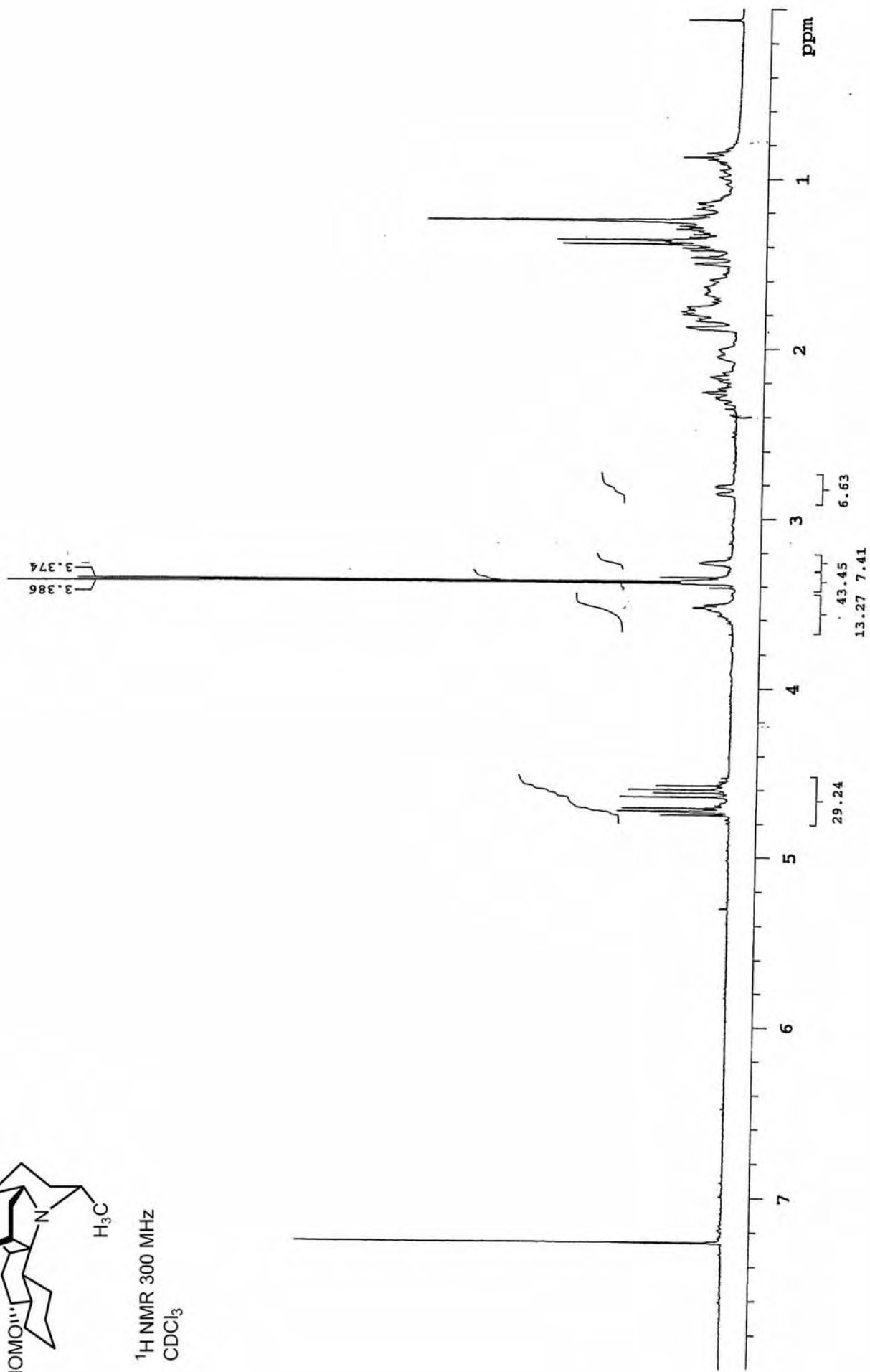
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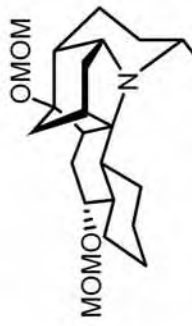




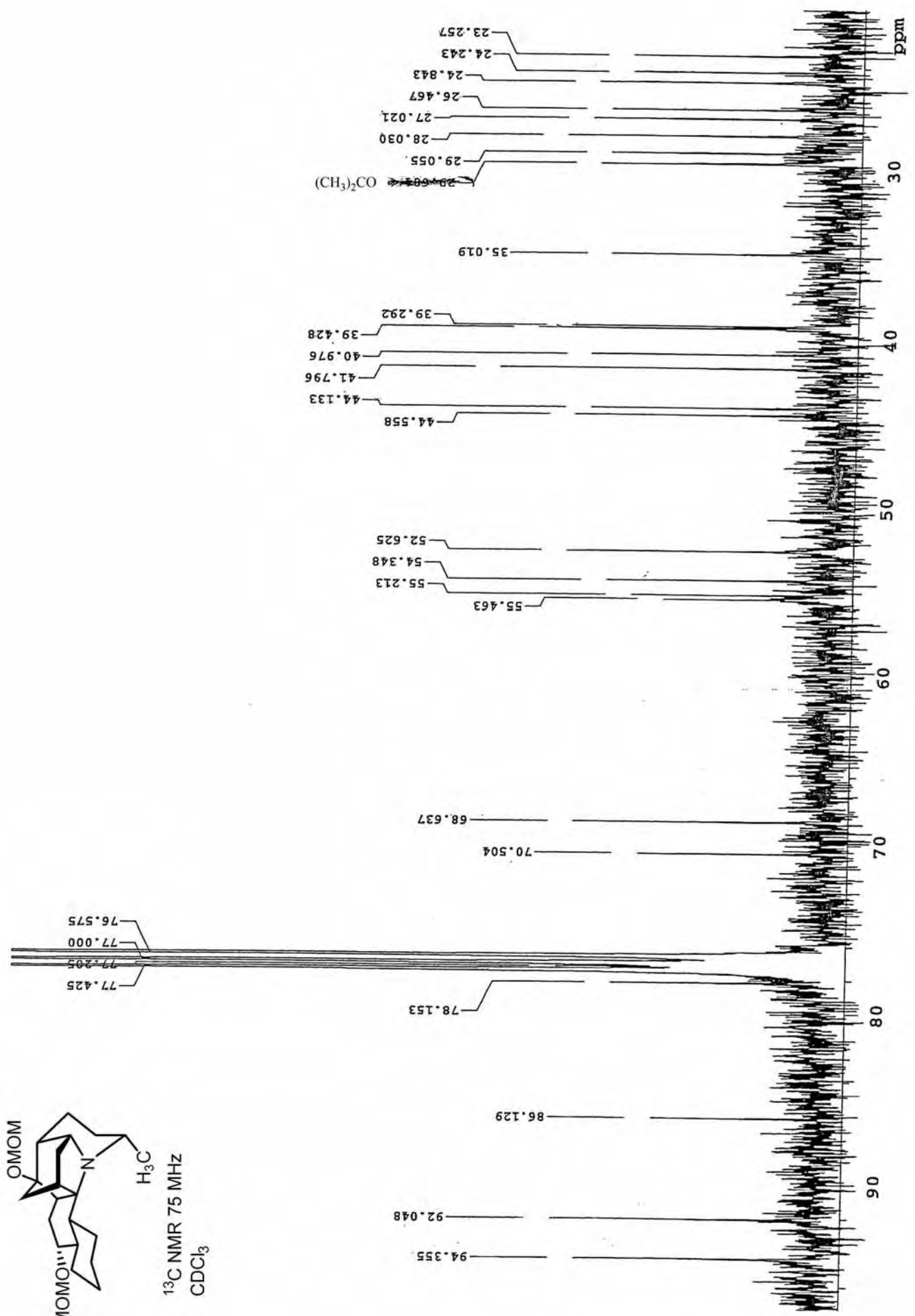


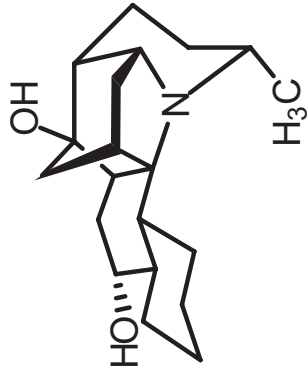
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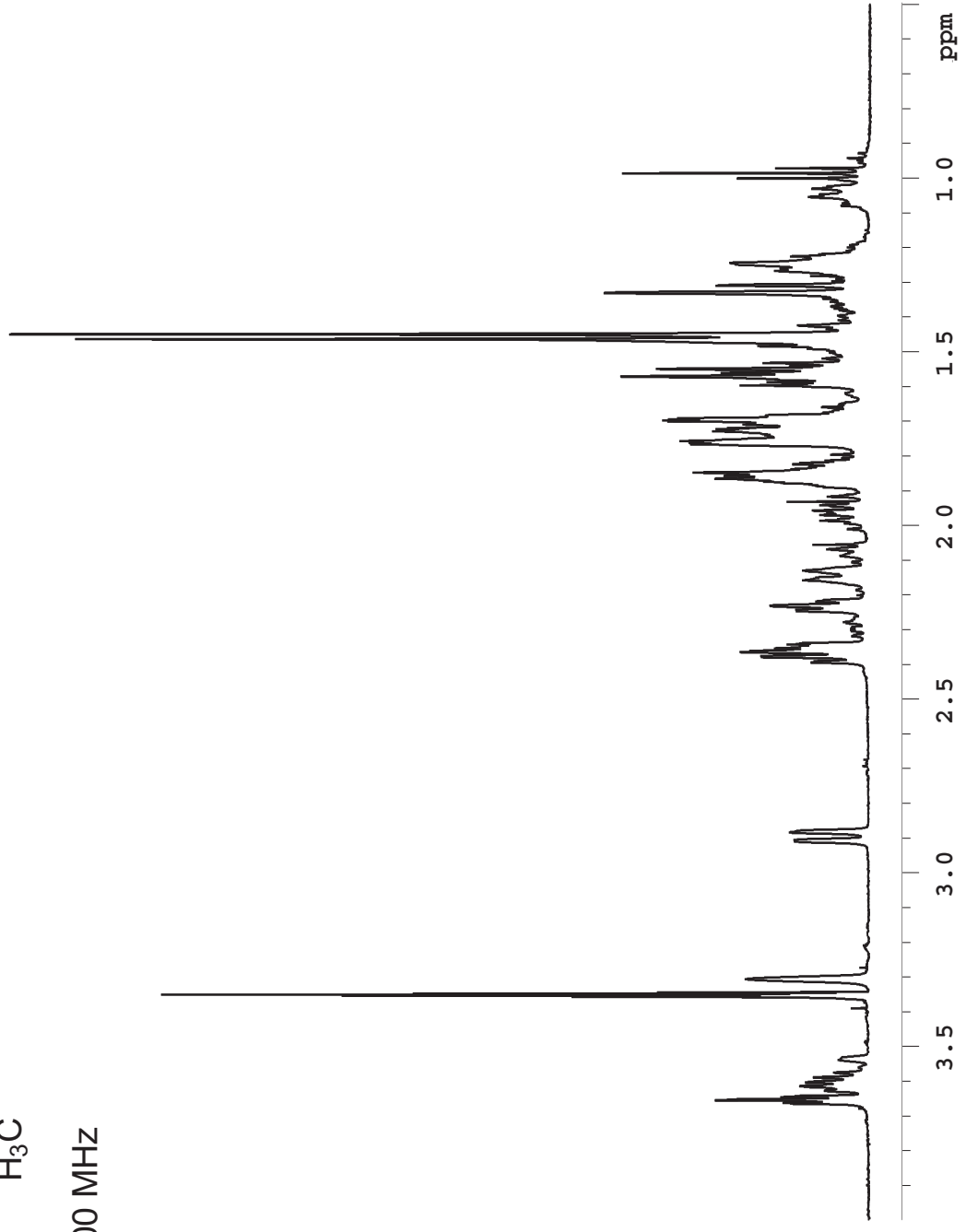


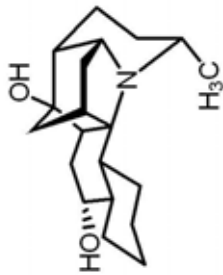
<sup>13</sup>C NMR 75 MHz  
CDCl<sub>3</sub>





<sup>1</sup>H NMR 300 MHz  
CD<sub>3</sub>OD





$^{13}\text{C}$  NMR 75 MHz  
 $\text{CD}_3\text{OD}$

