

Supplementary Information

In Search of a Cytostatic Agent Derived from the Alkaloid Lycorine: Synthesis and Growth Inhibitory Properties of Lycorine Derivatives[†]

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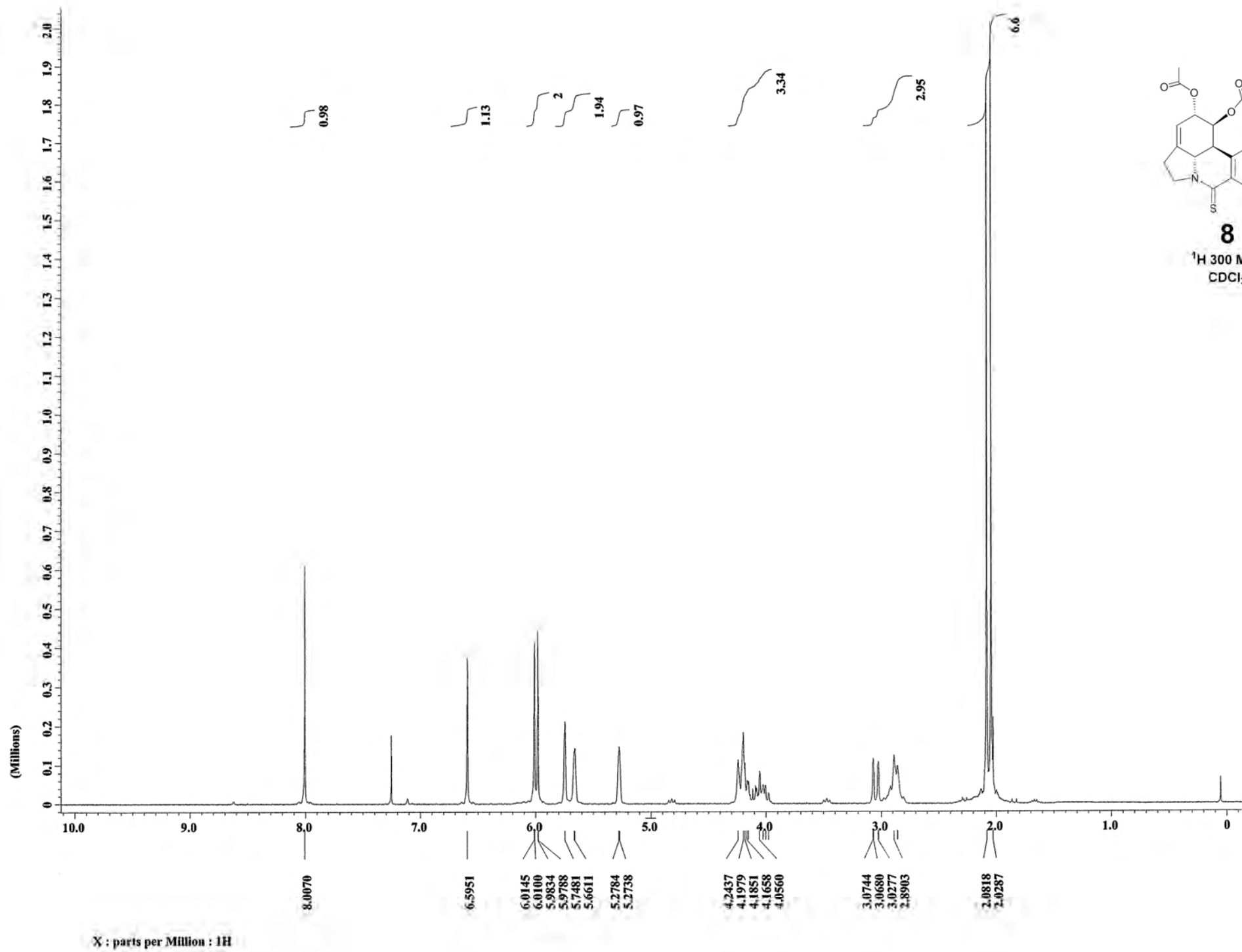
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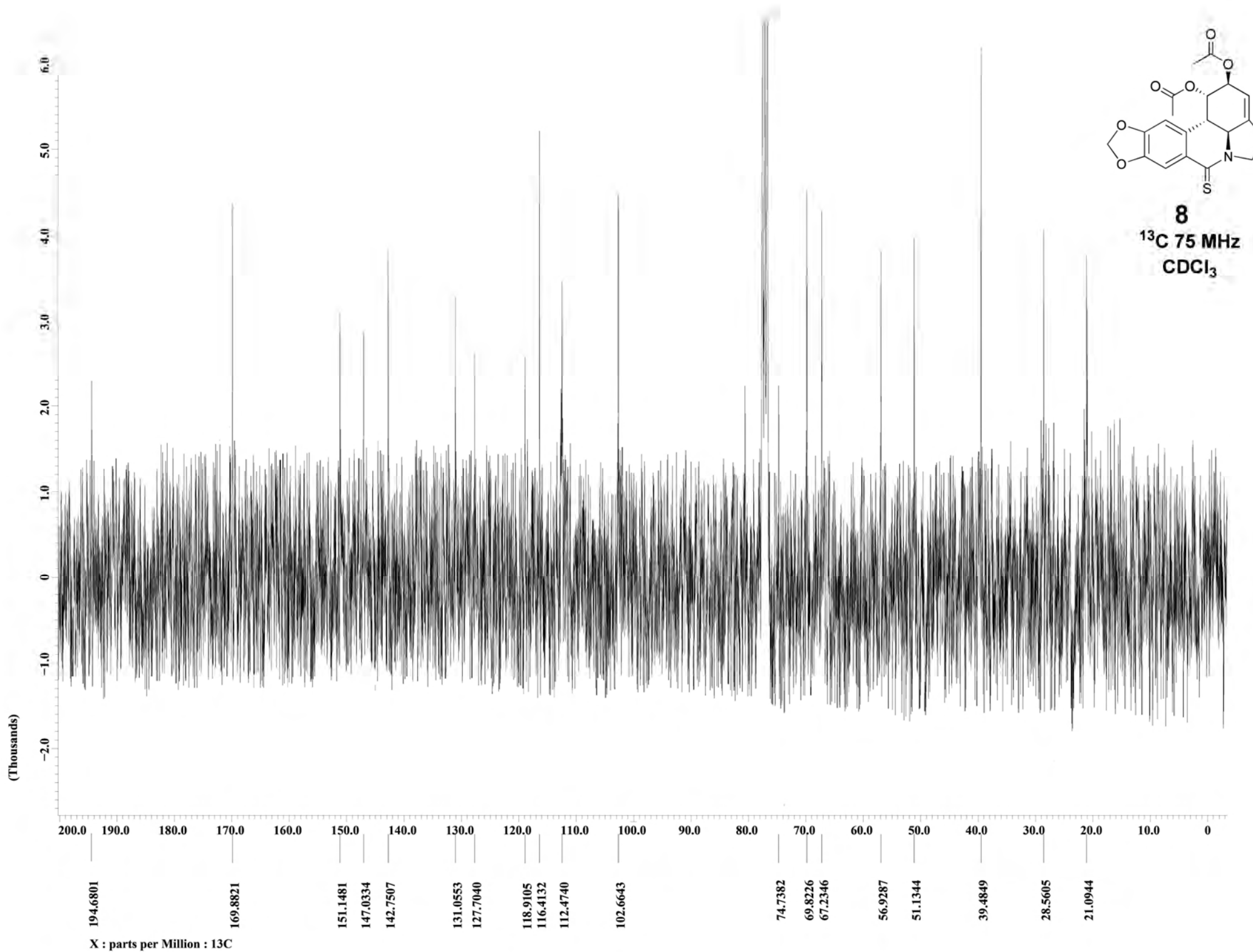
akornien@nmt.edu

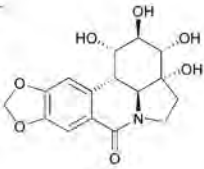
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¹H and ¹³C NMR Spectra

S2 – S37

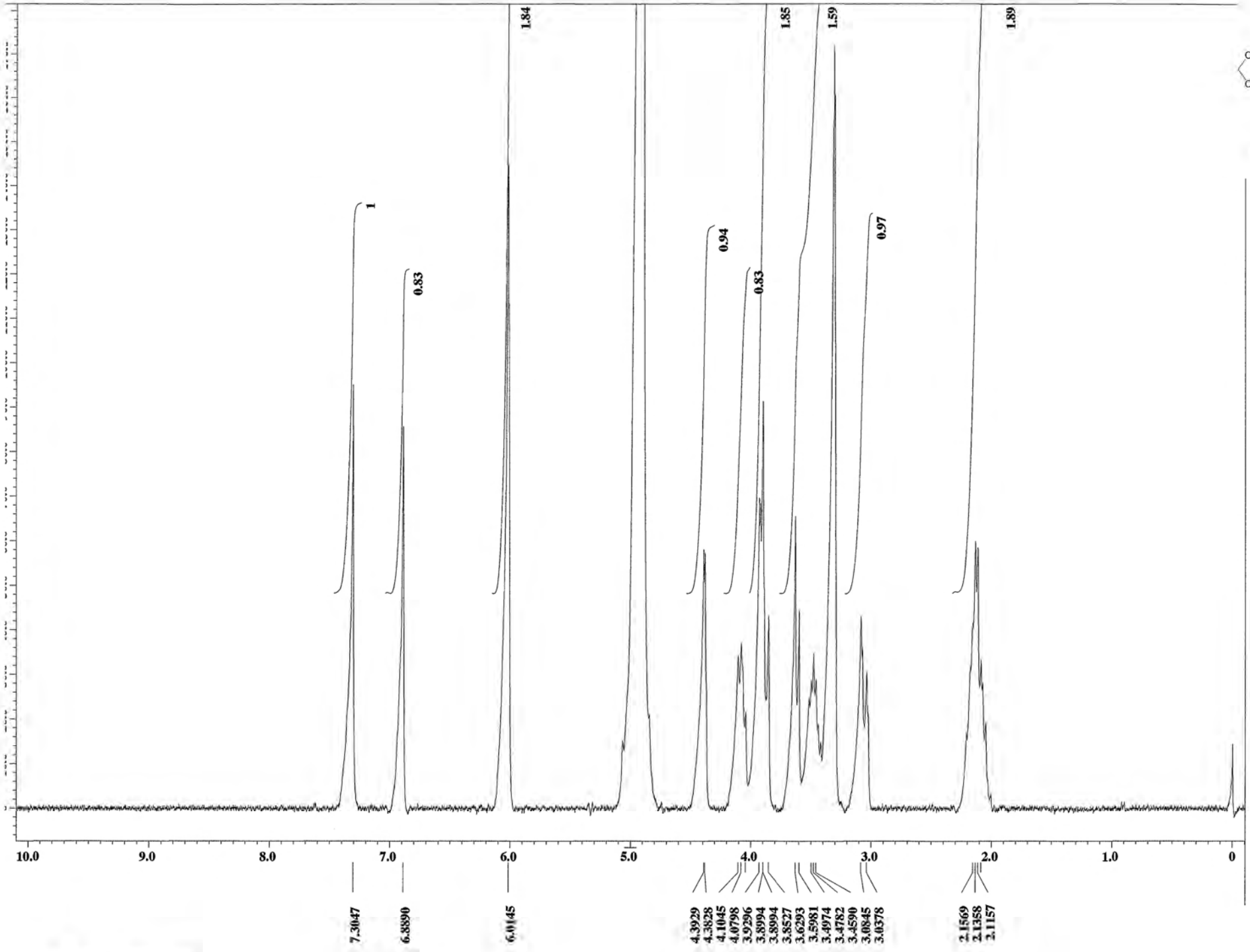




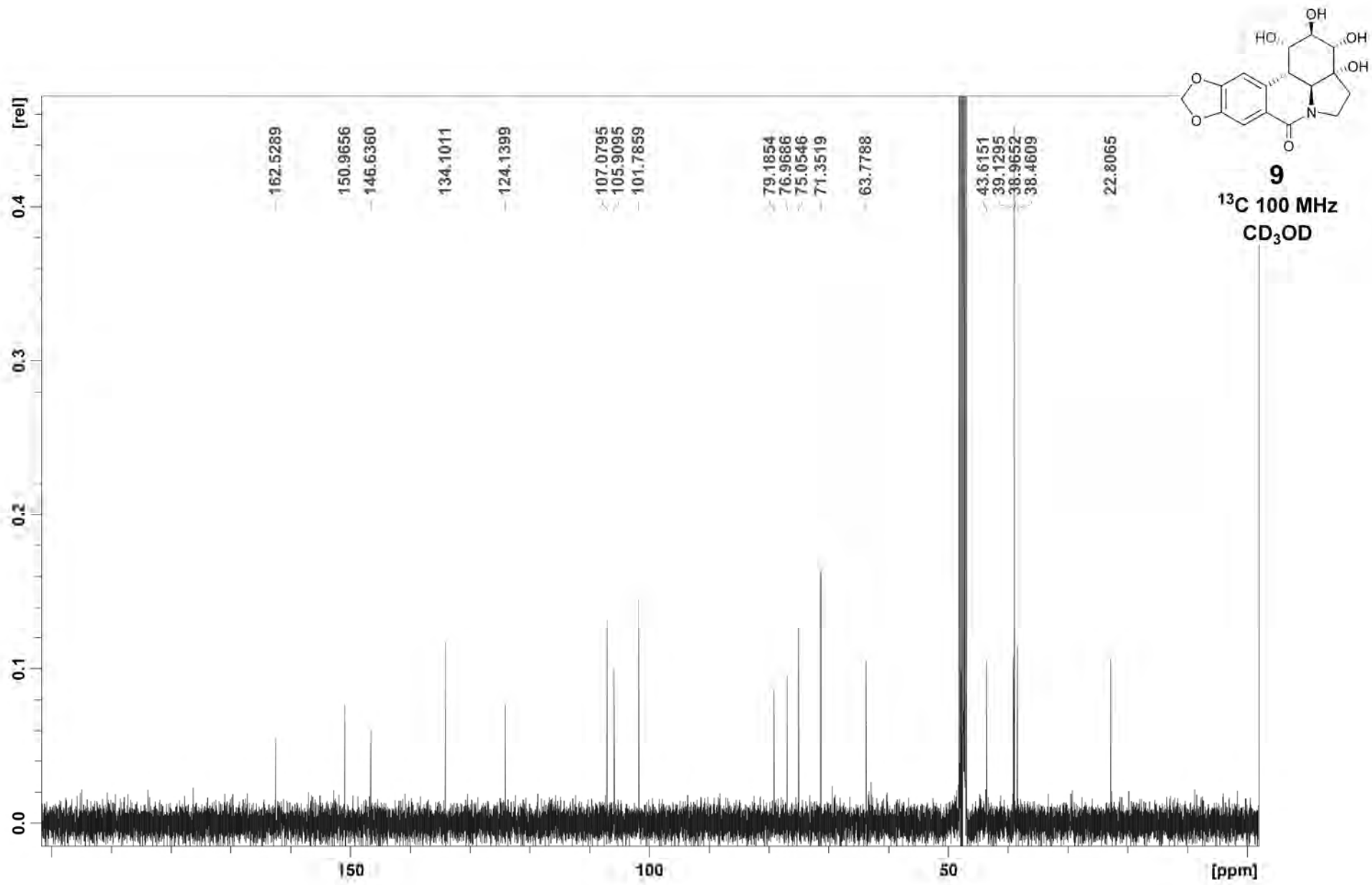


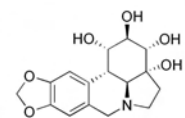
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CD₃OD



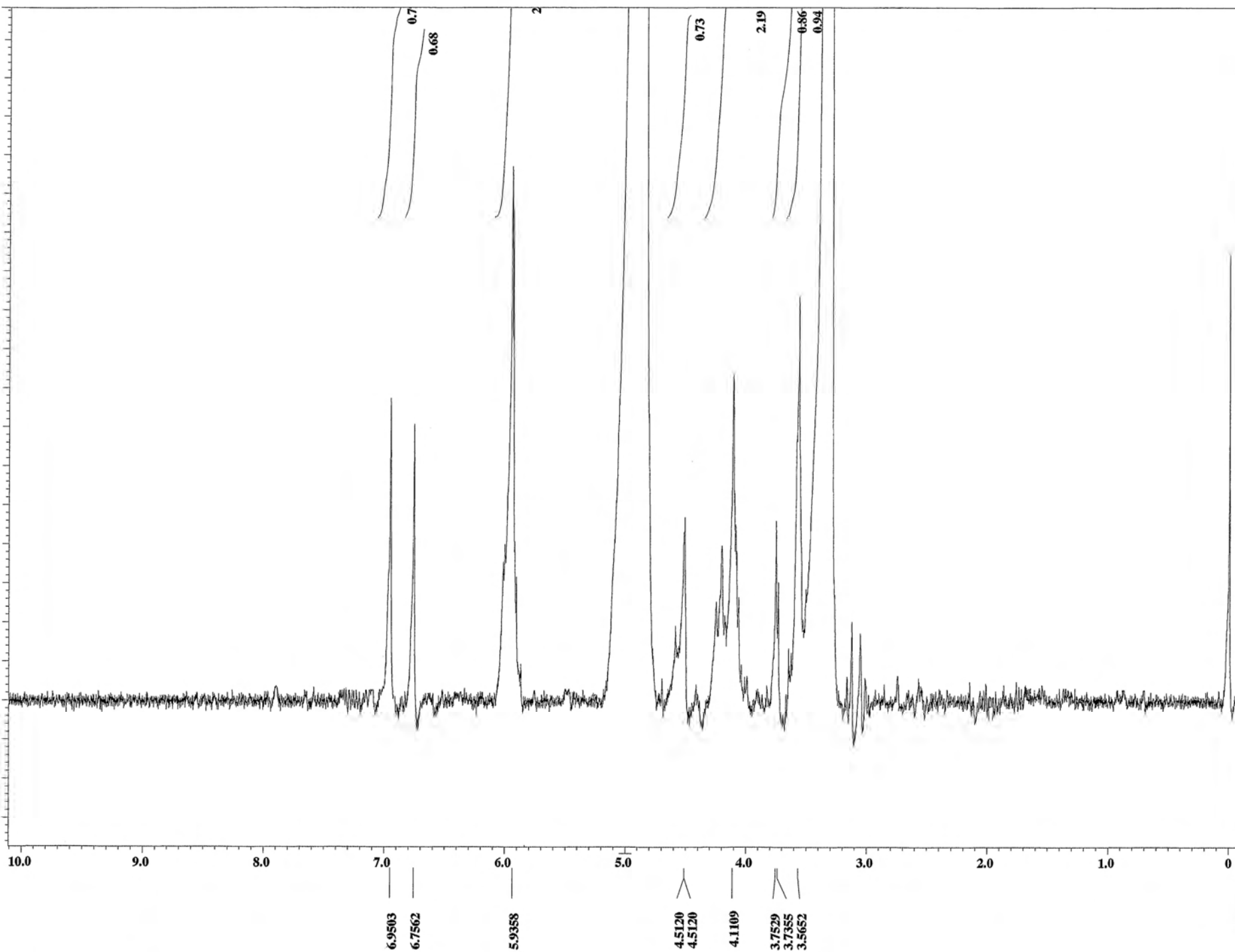
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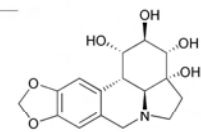
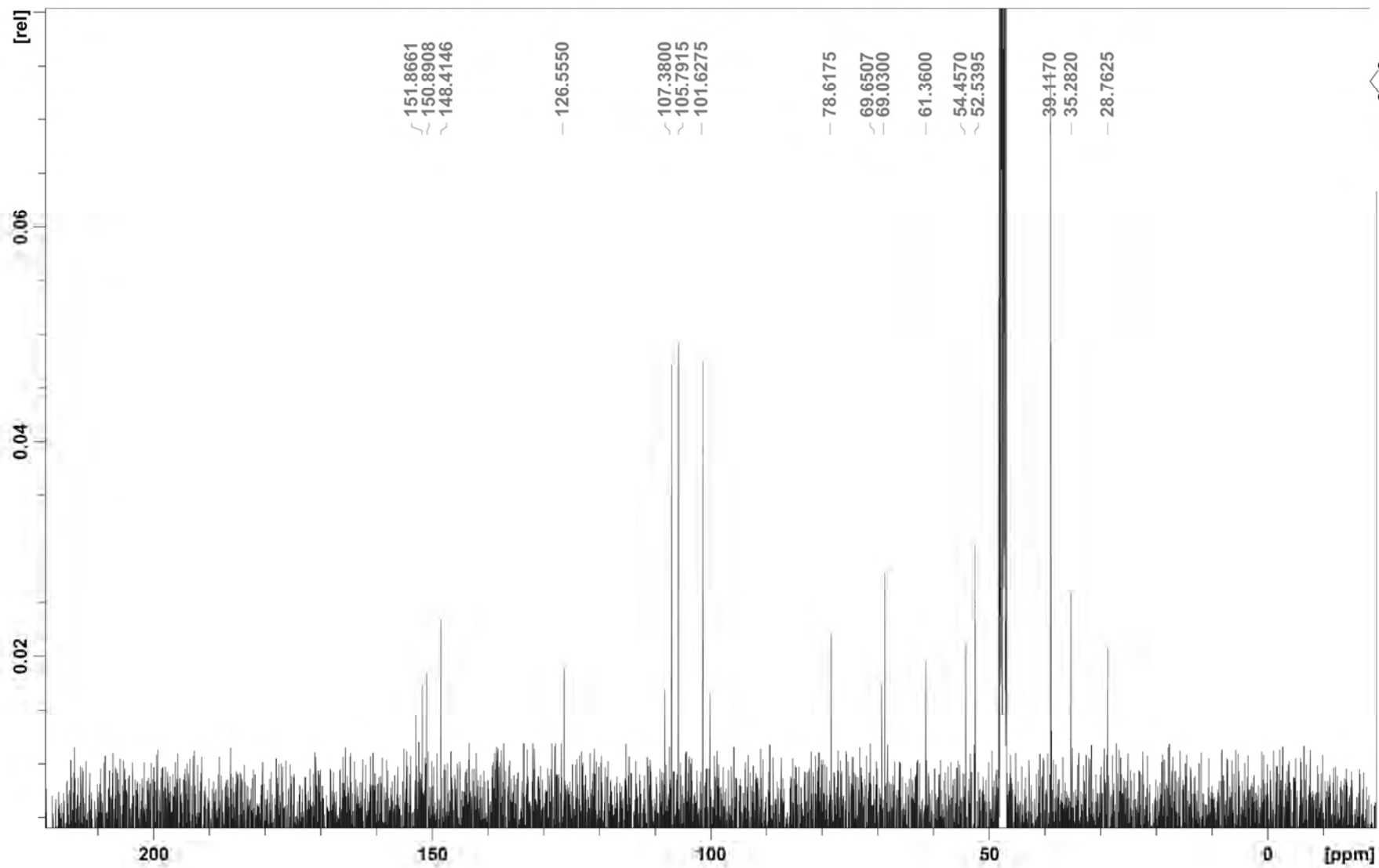


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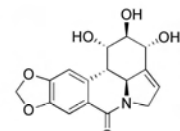
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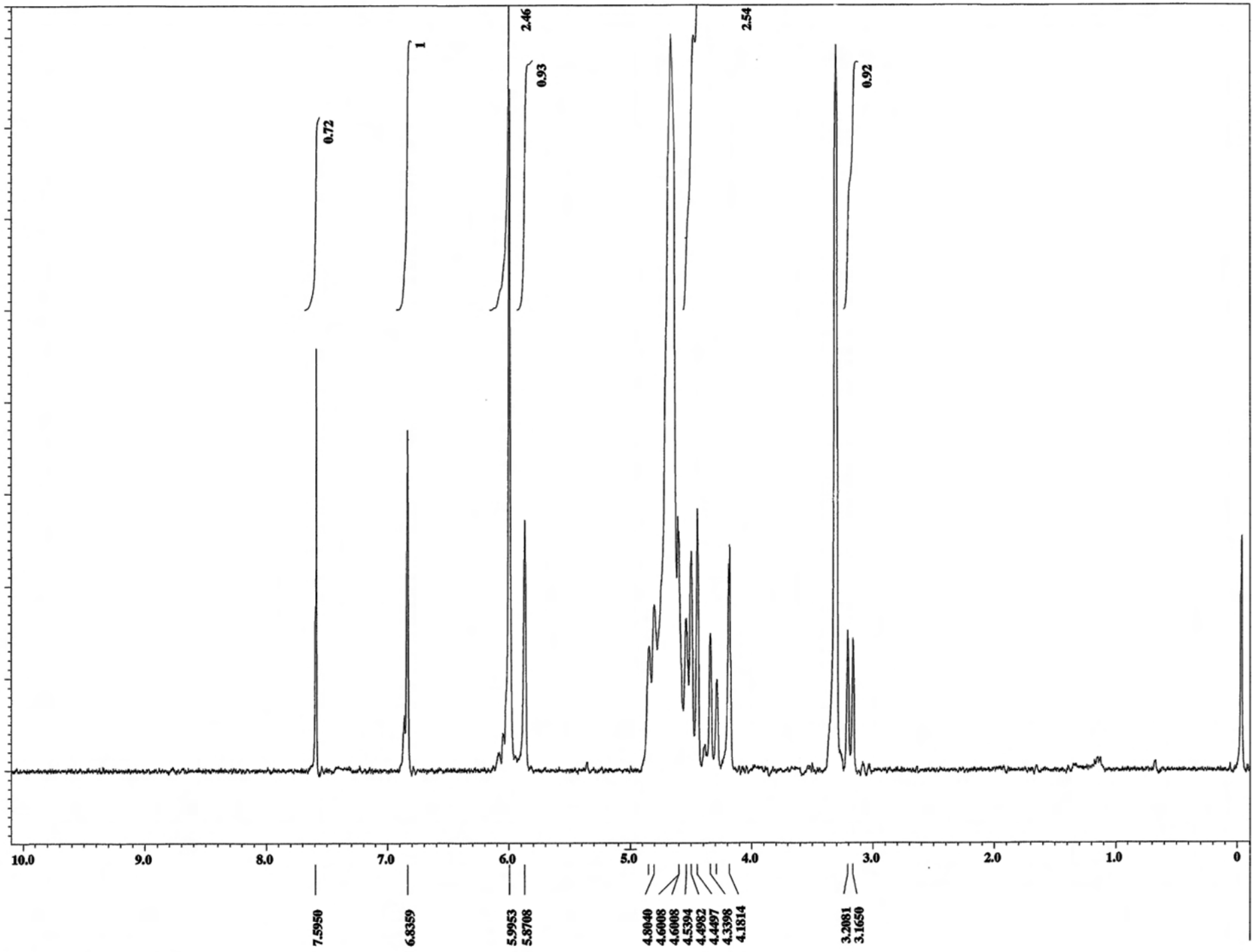


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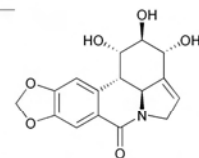
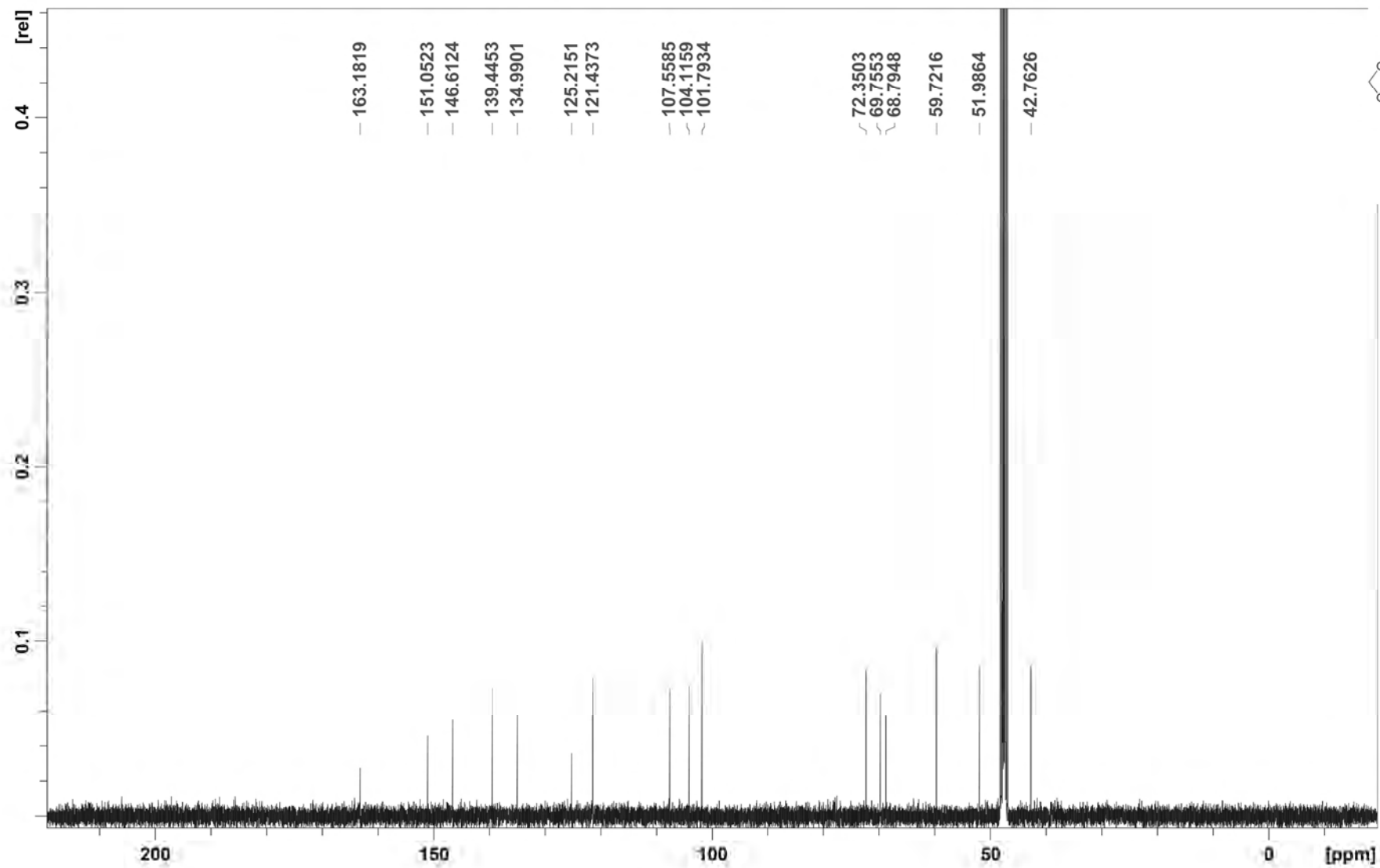


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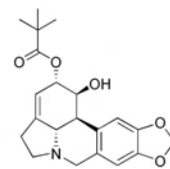
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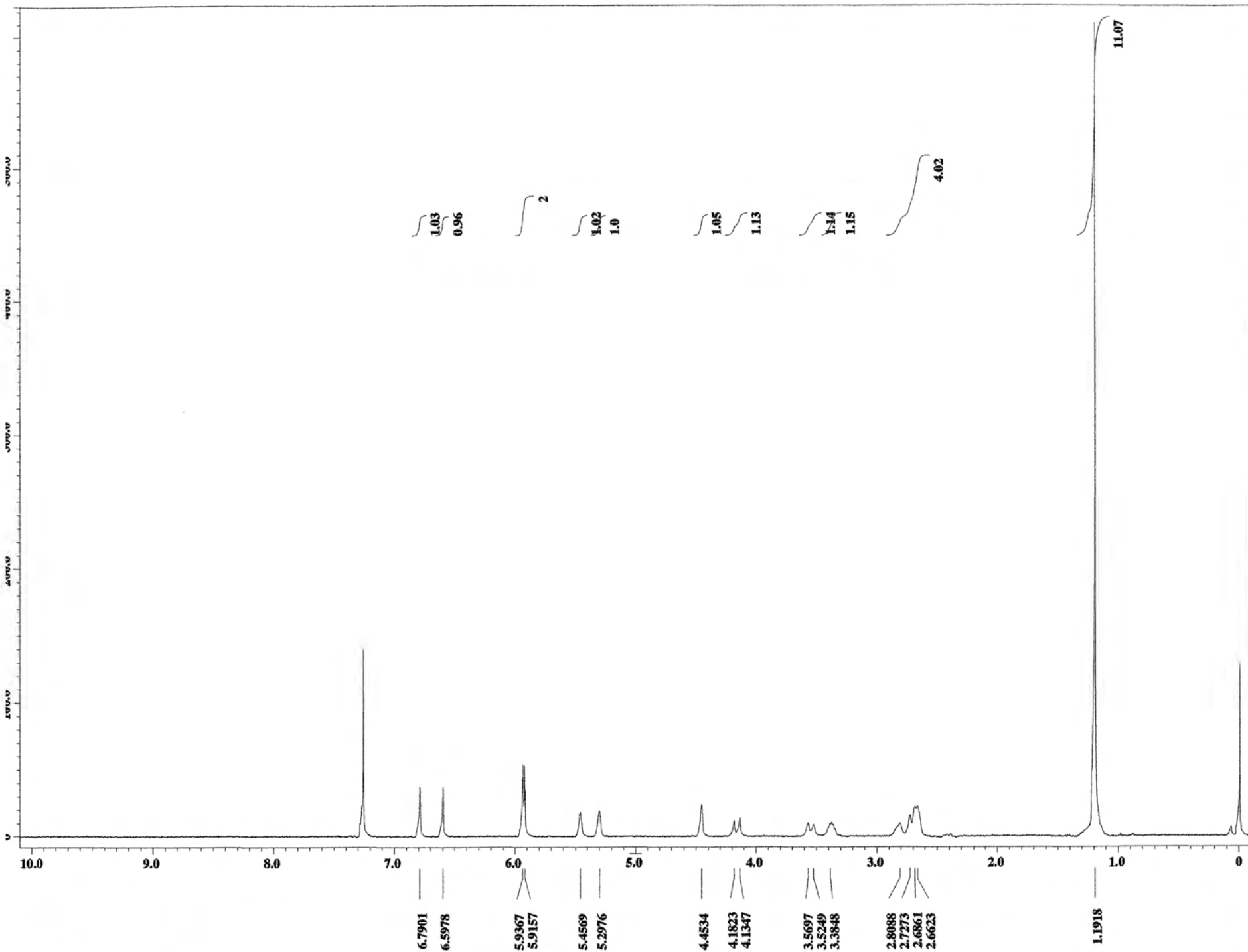
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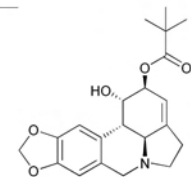
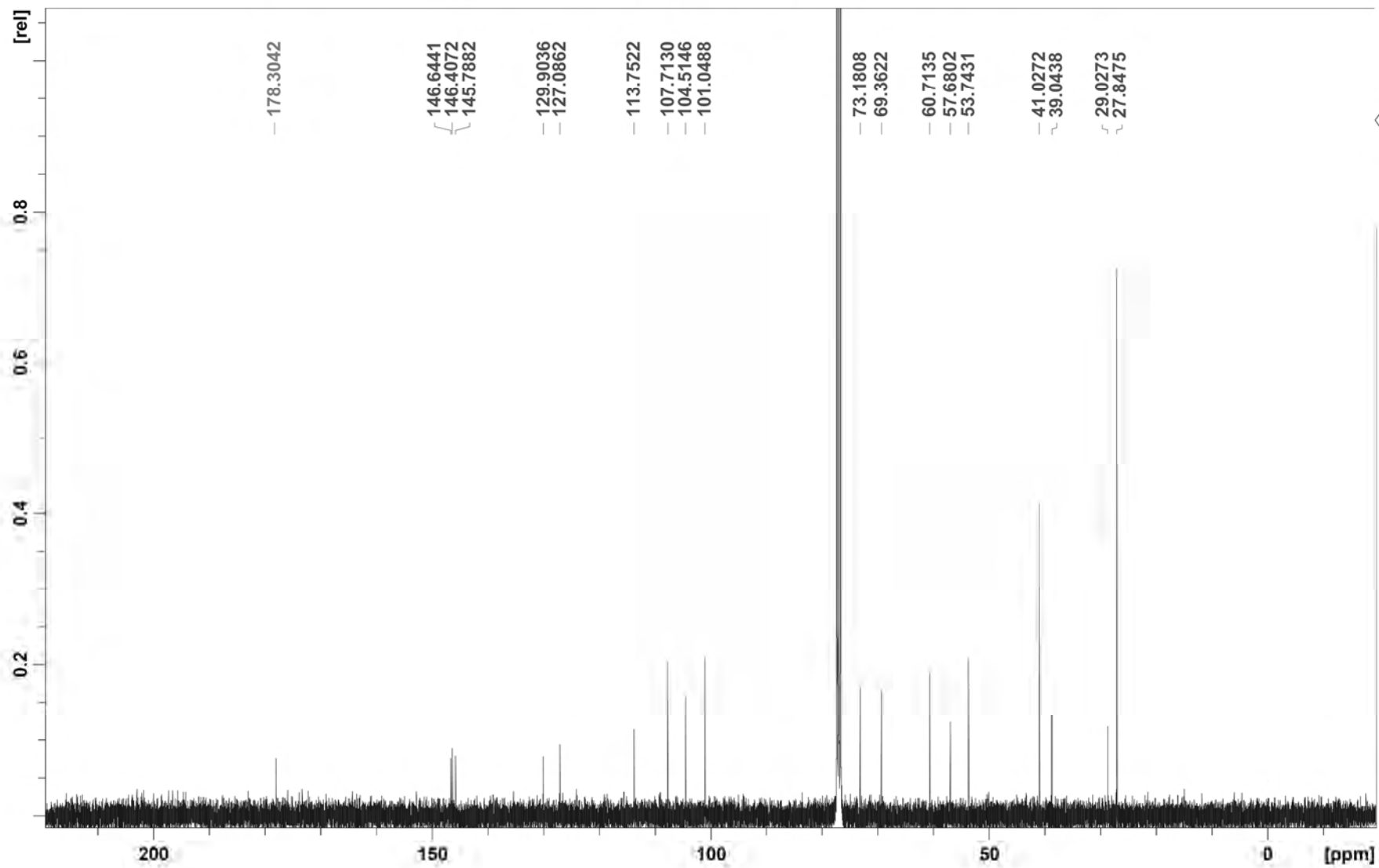
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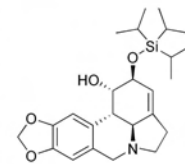
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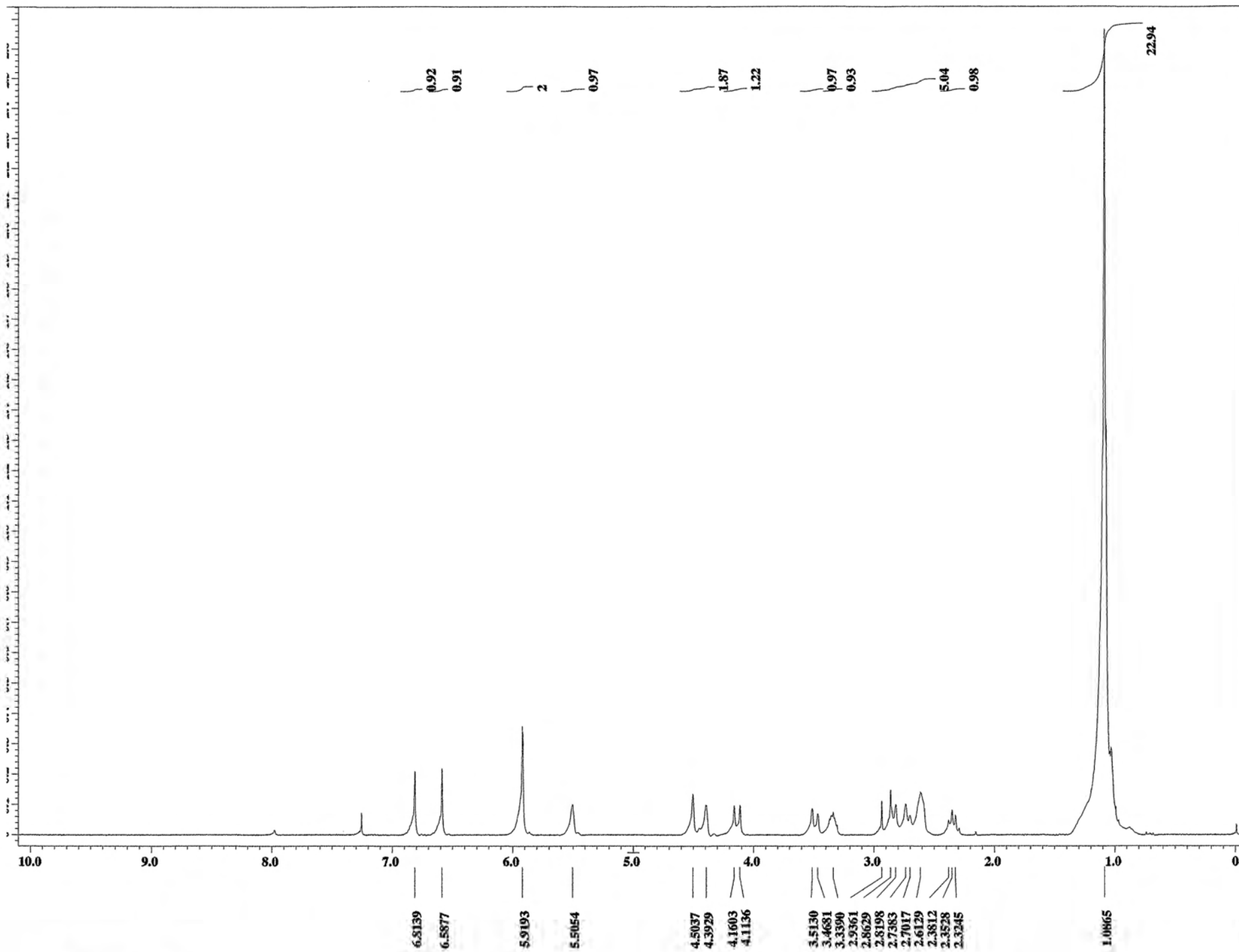


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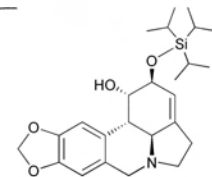


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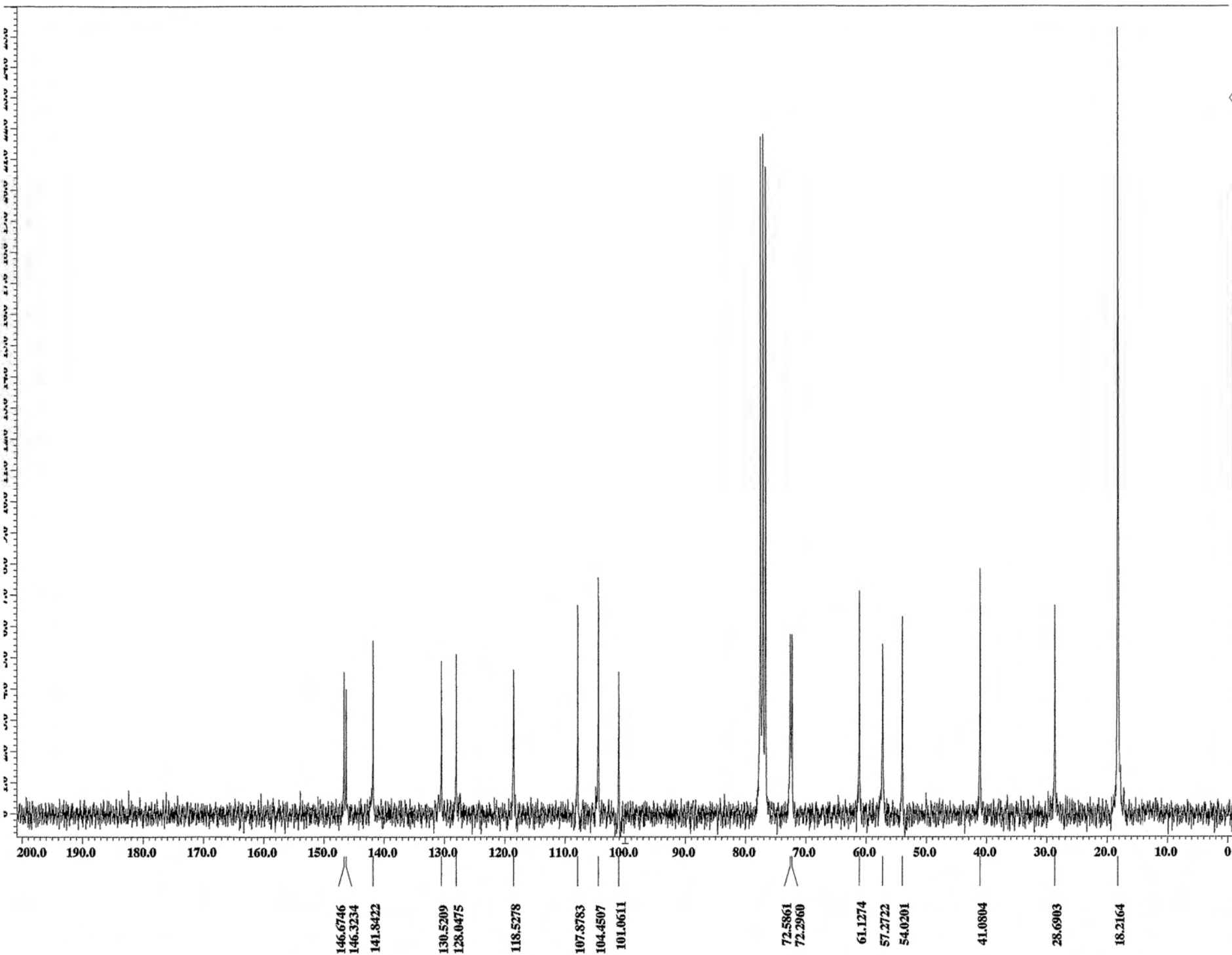
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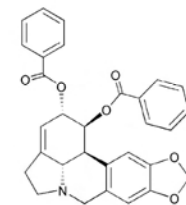
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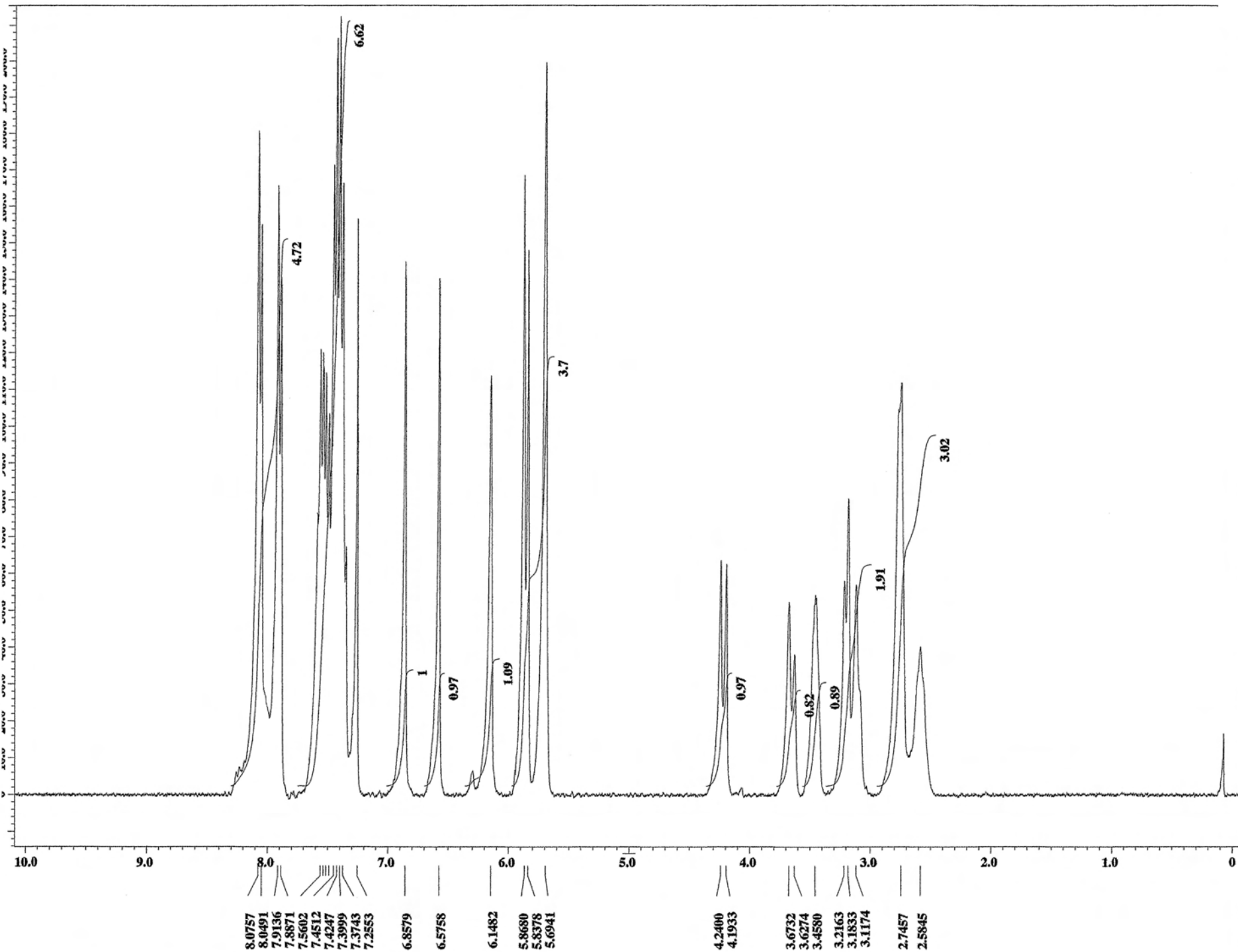
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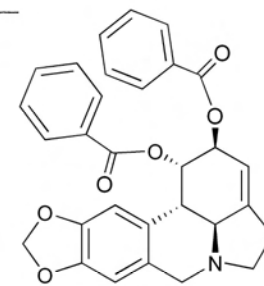
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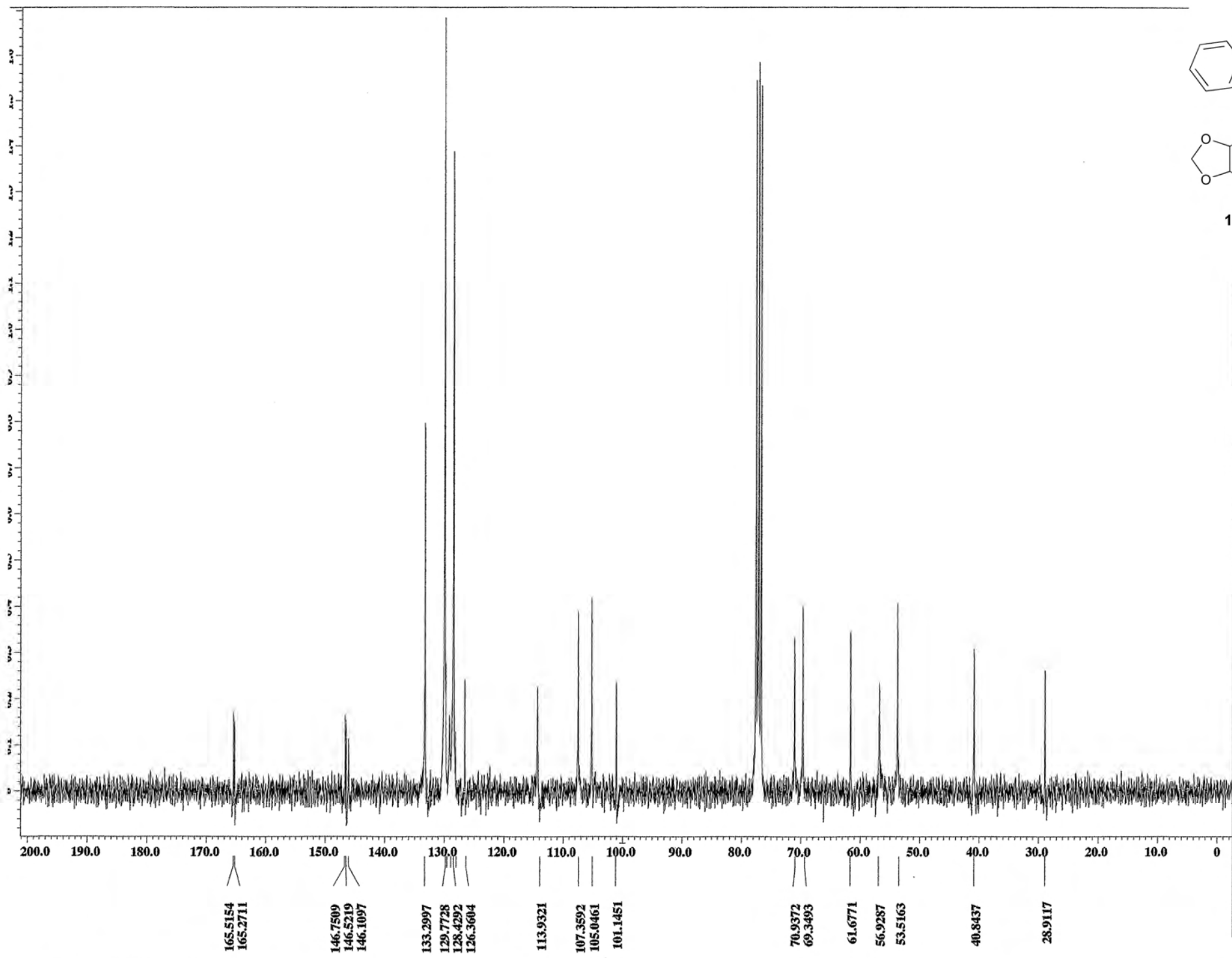
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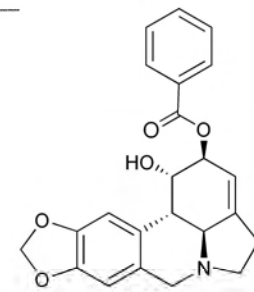
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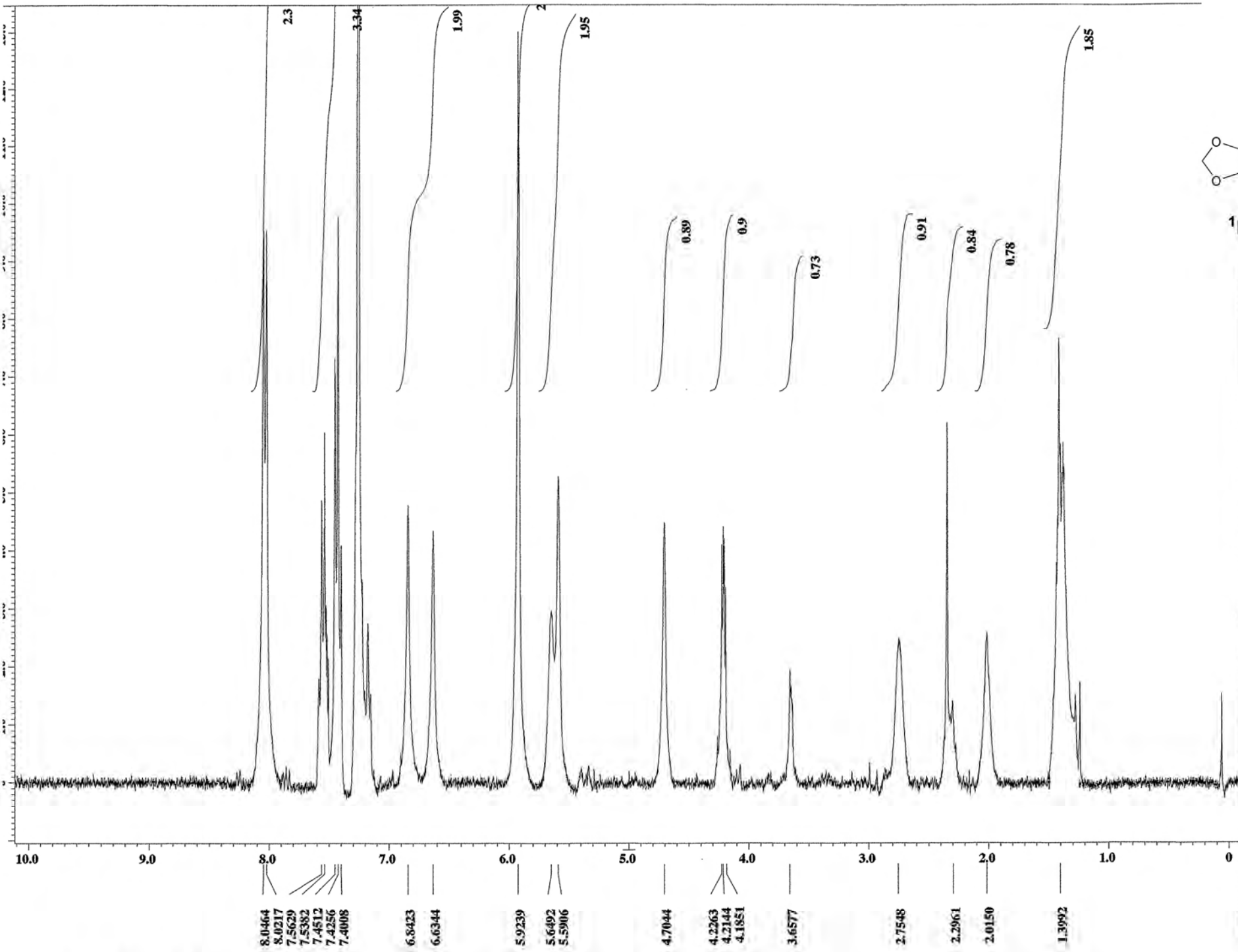
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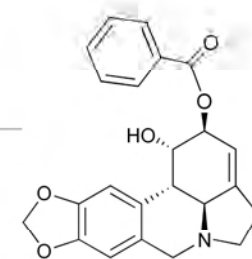
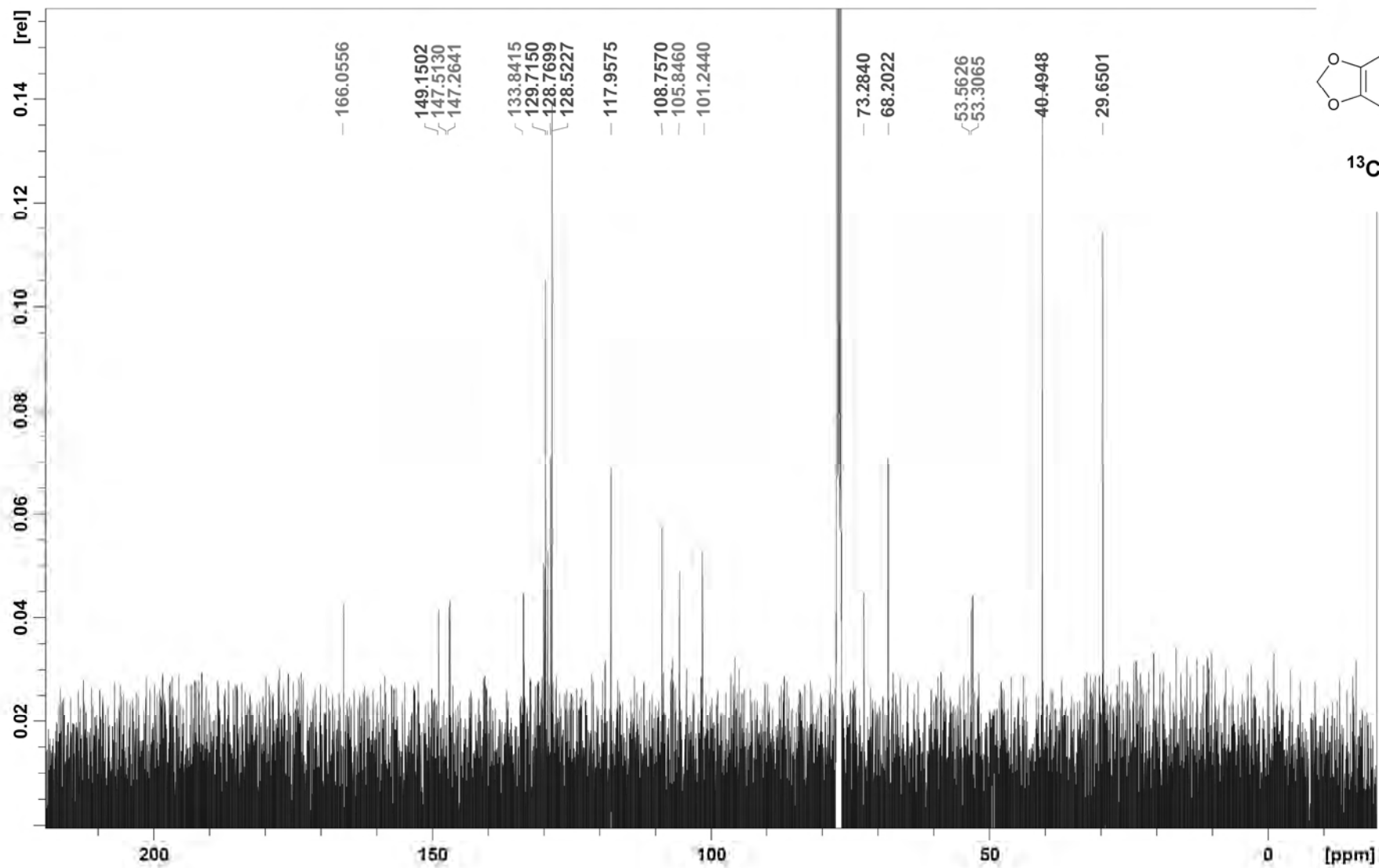
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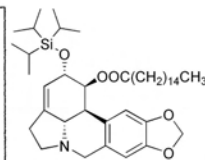
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 CDCl_3



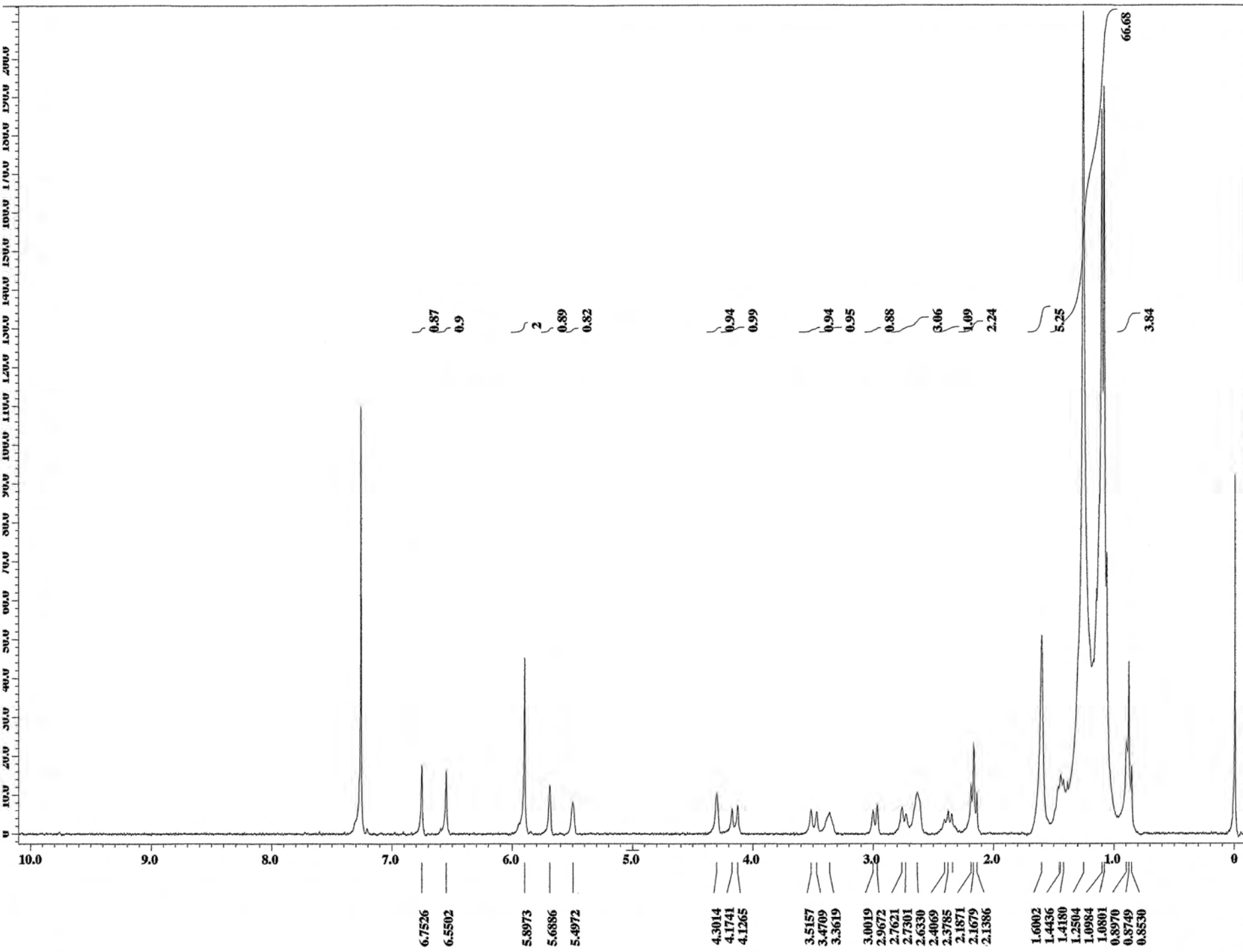
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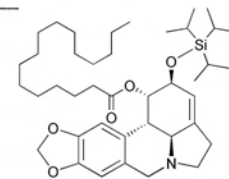
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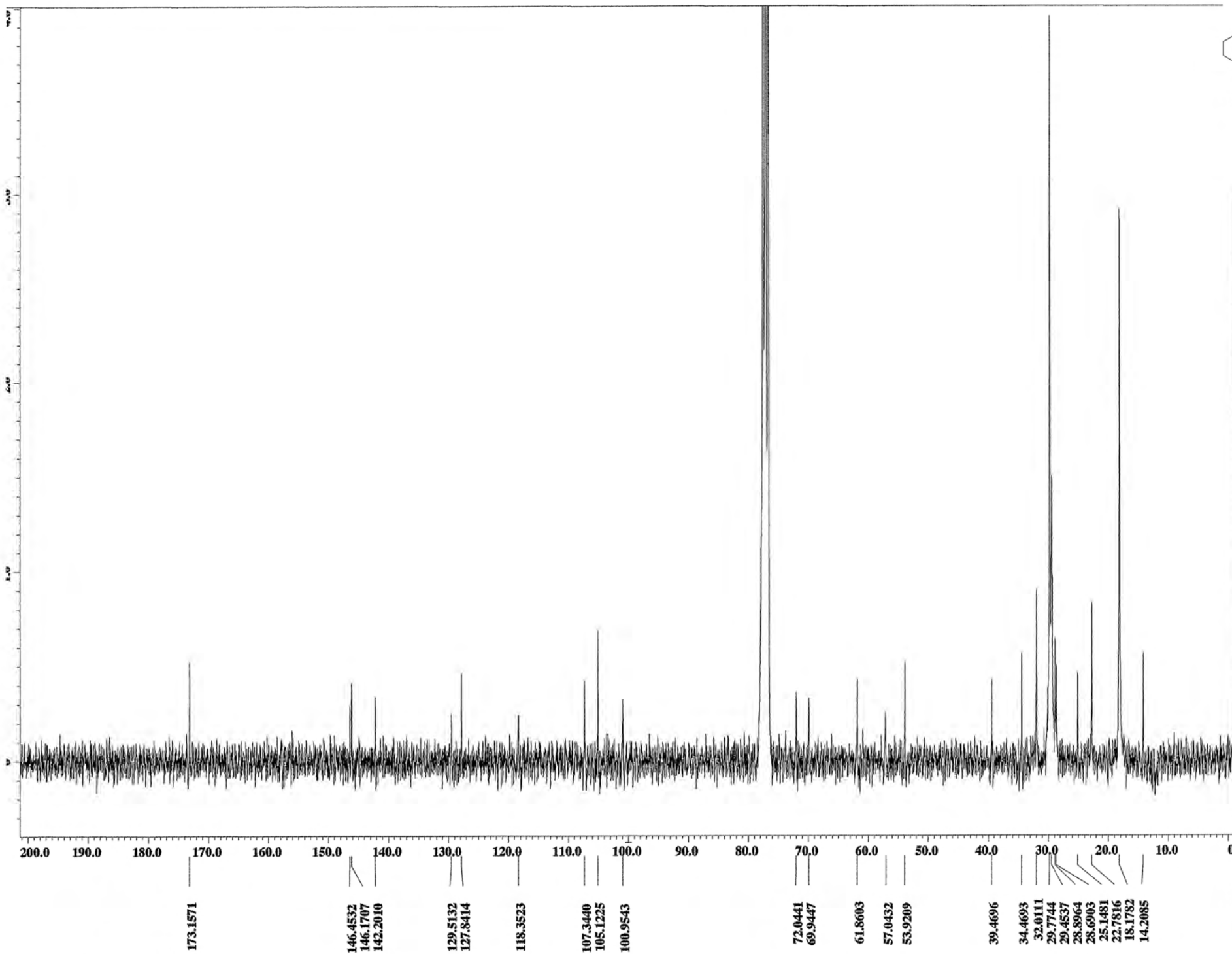
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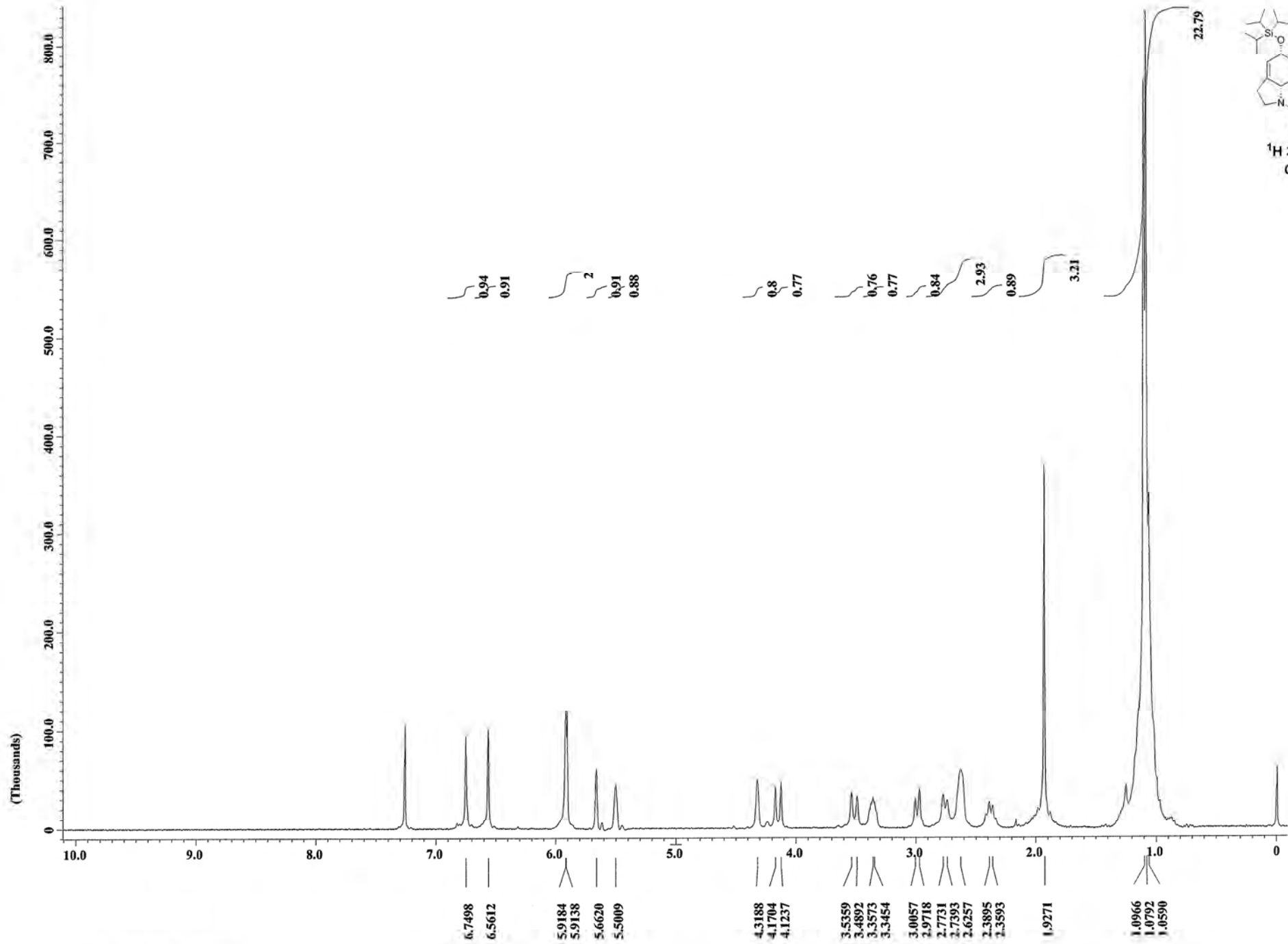
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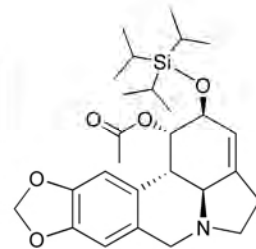
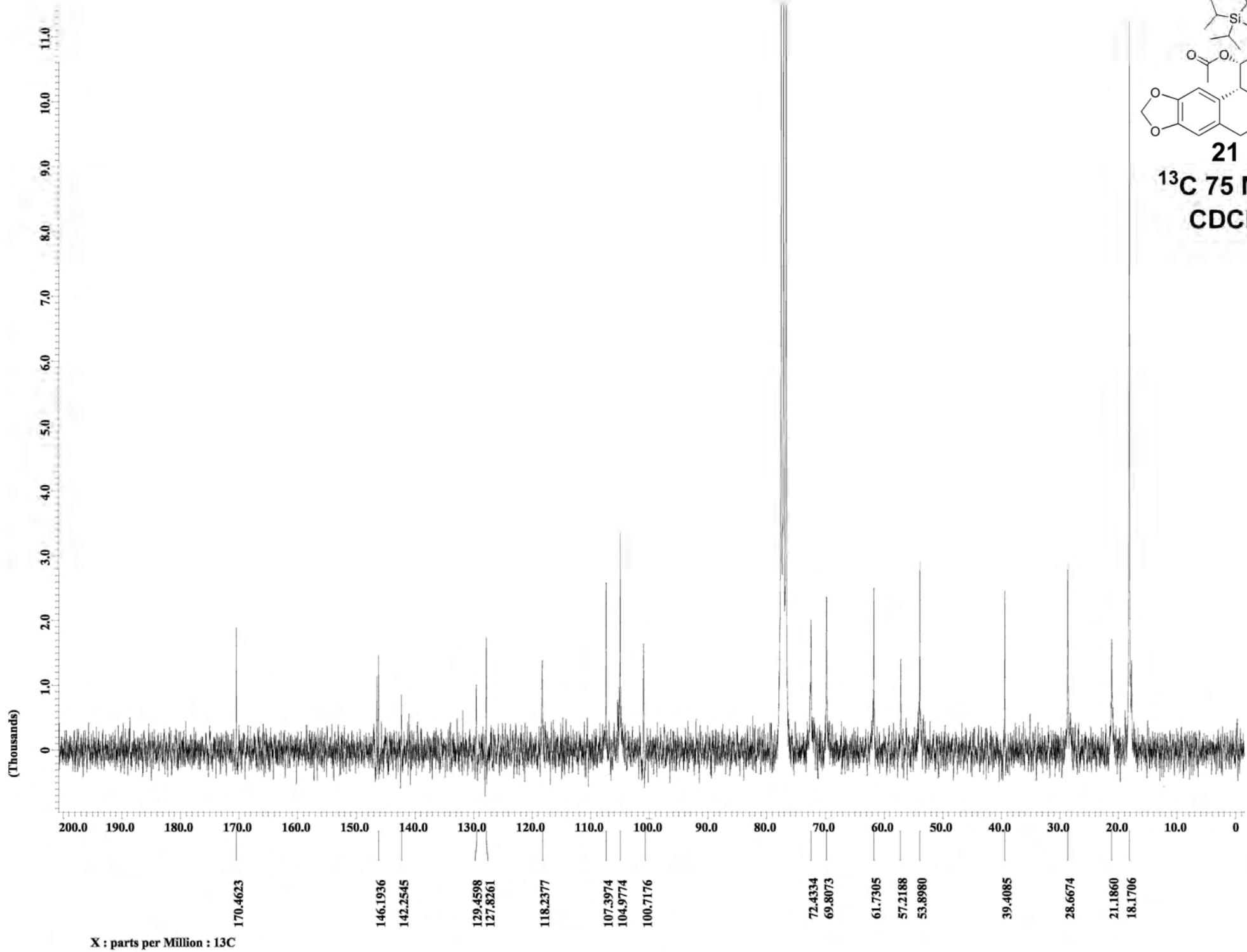
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X : parts per Million : ¹³C



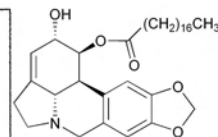
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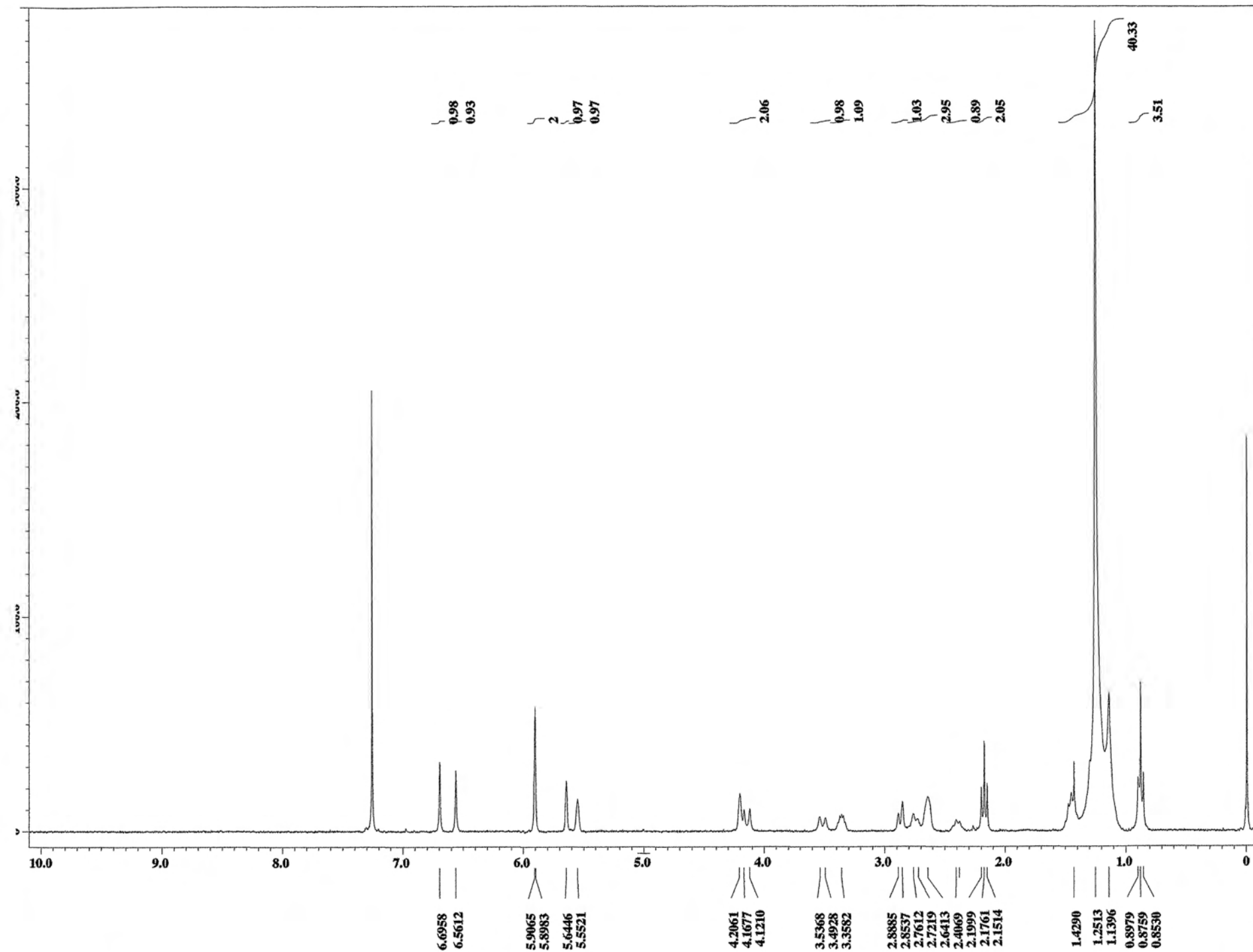
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^{13}C 75 MHz

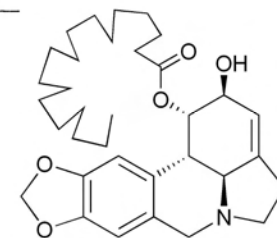
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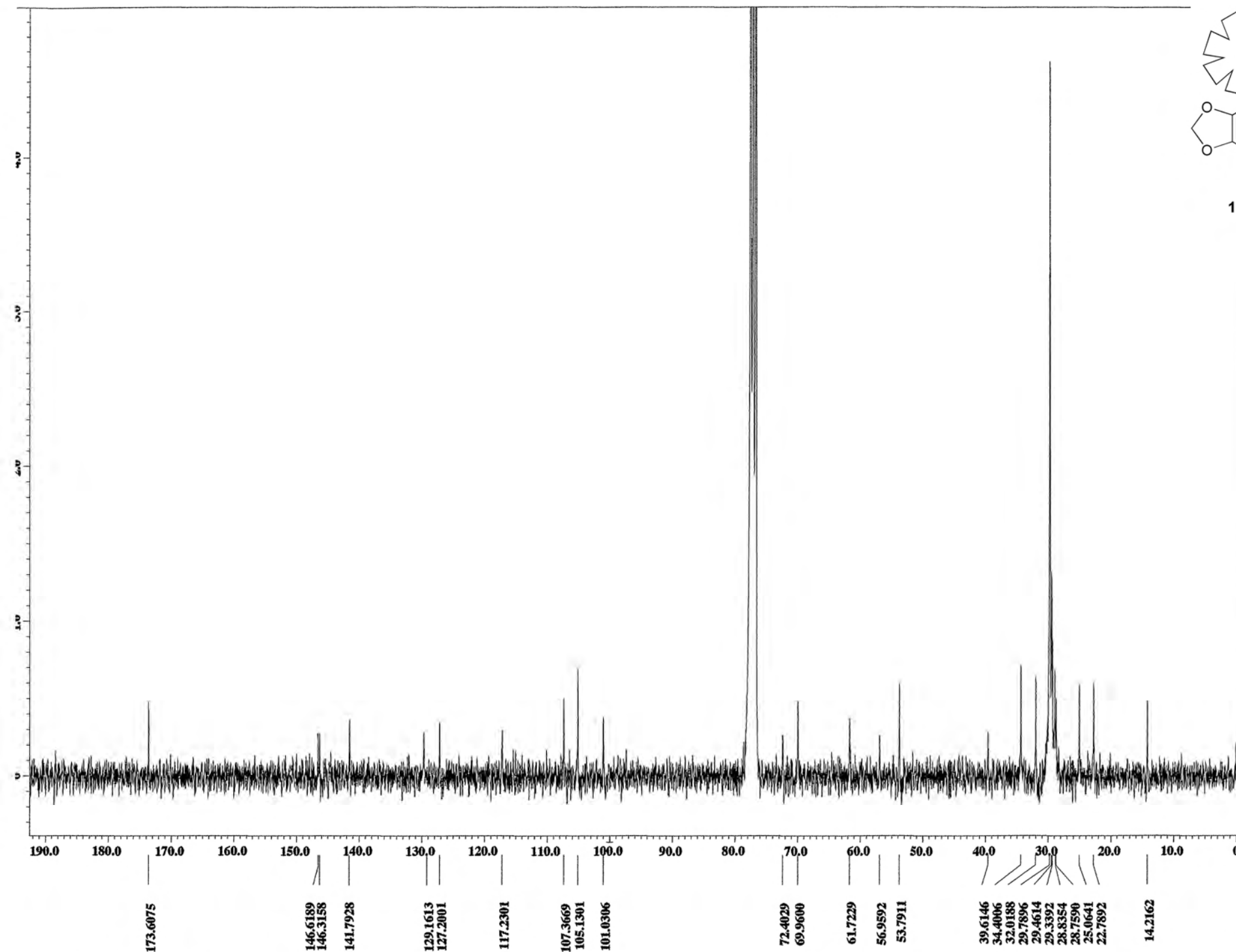
24
 1H 300 MHz
 $CDCl_3$



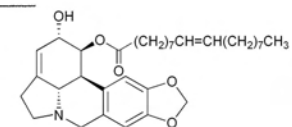
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24
¹³C 75 MHz
CDCl₃

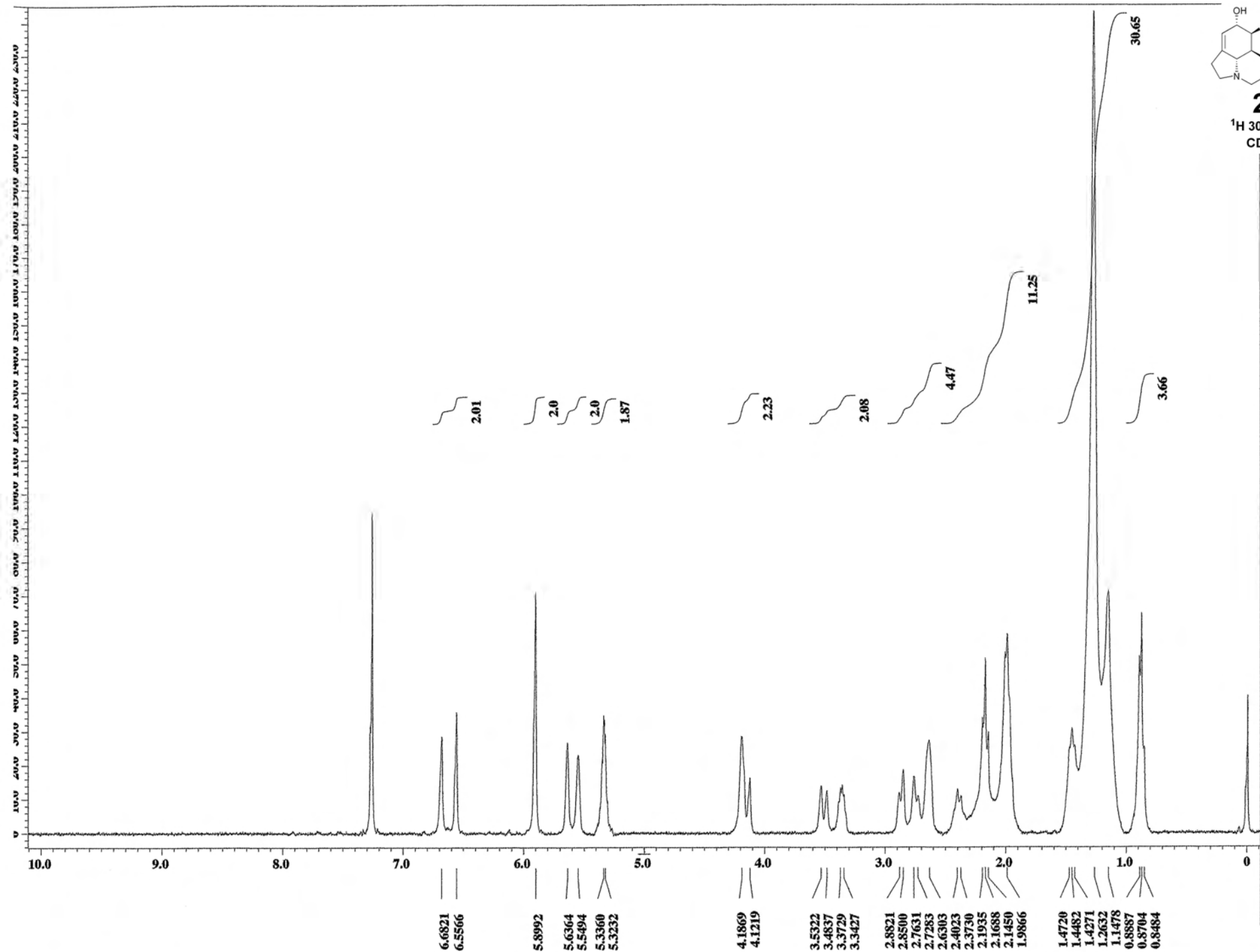


X : parts per Million : ¹³C

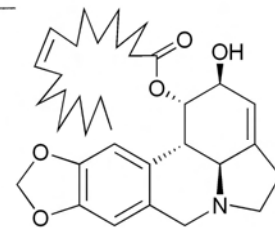


25

^1H 300 MHz
 CDCl_3



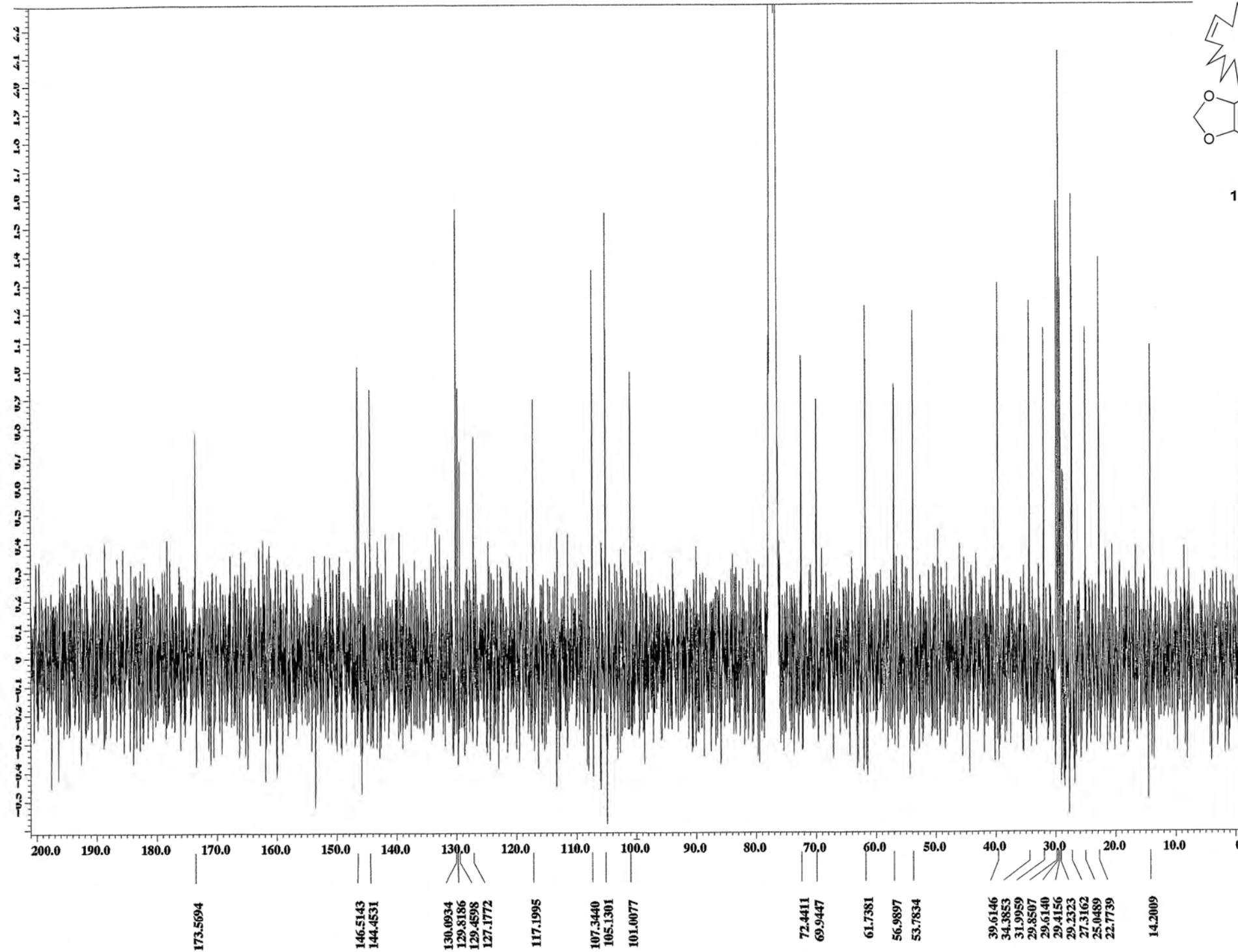
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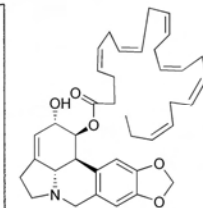
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^{13}C 75 MHz

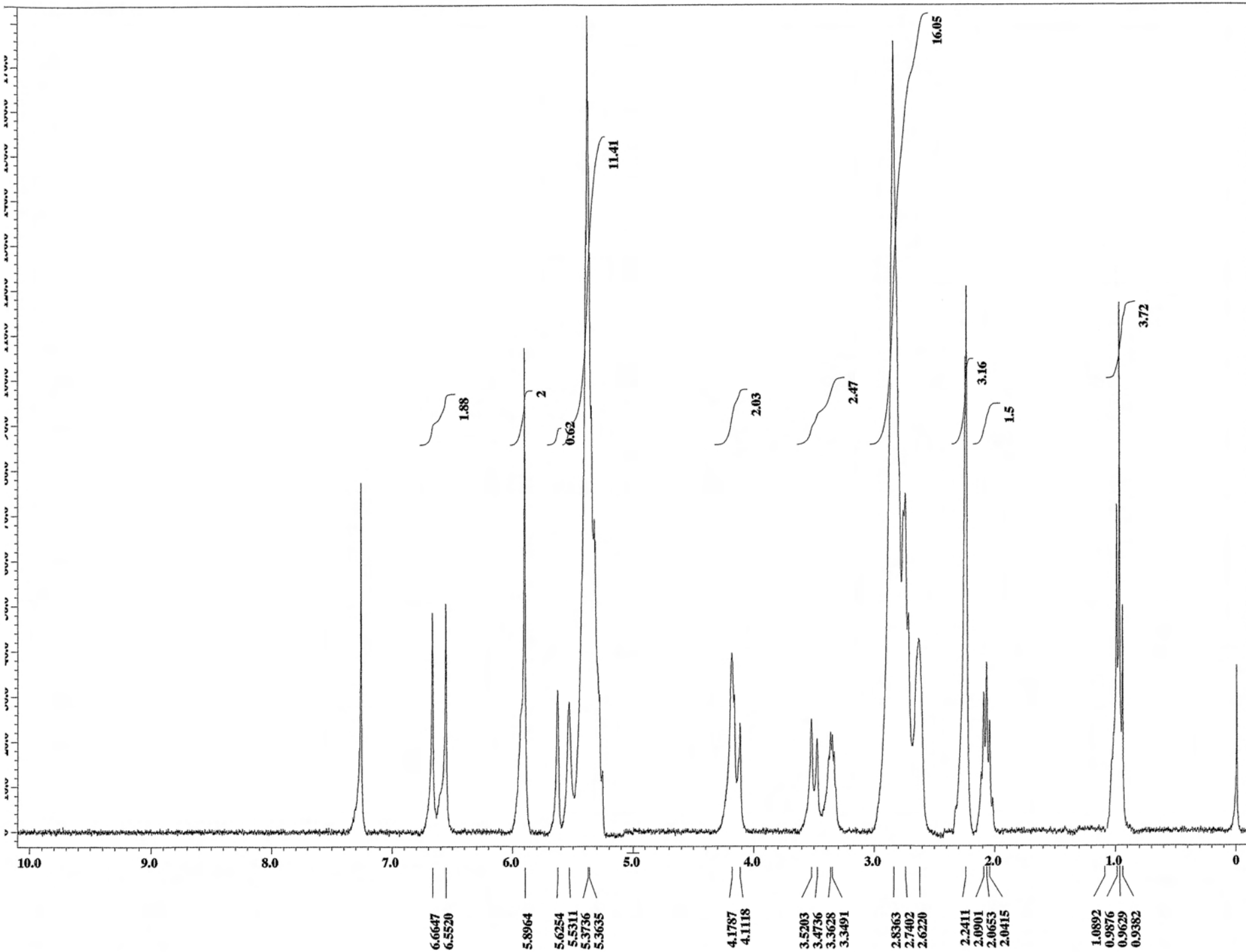
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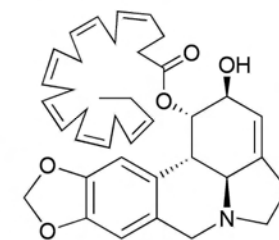
X : parts per Million : ^{13}C



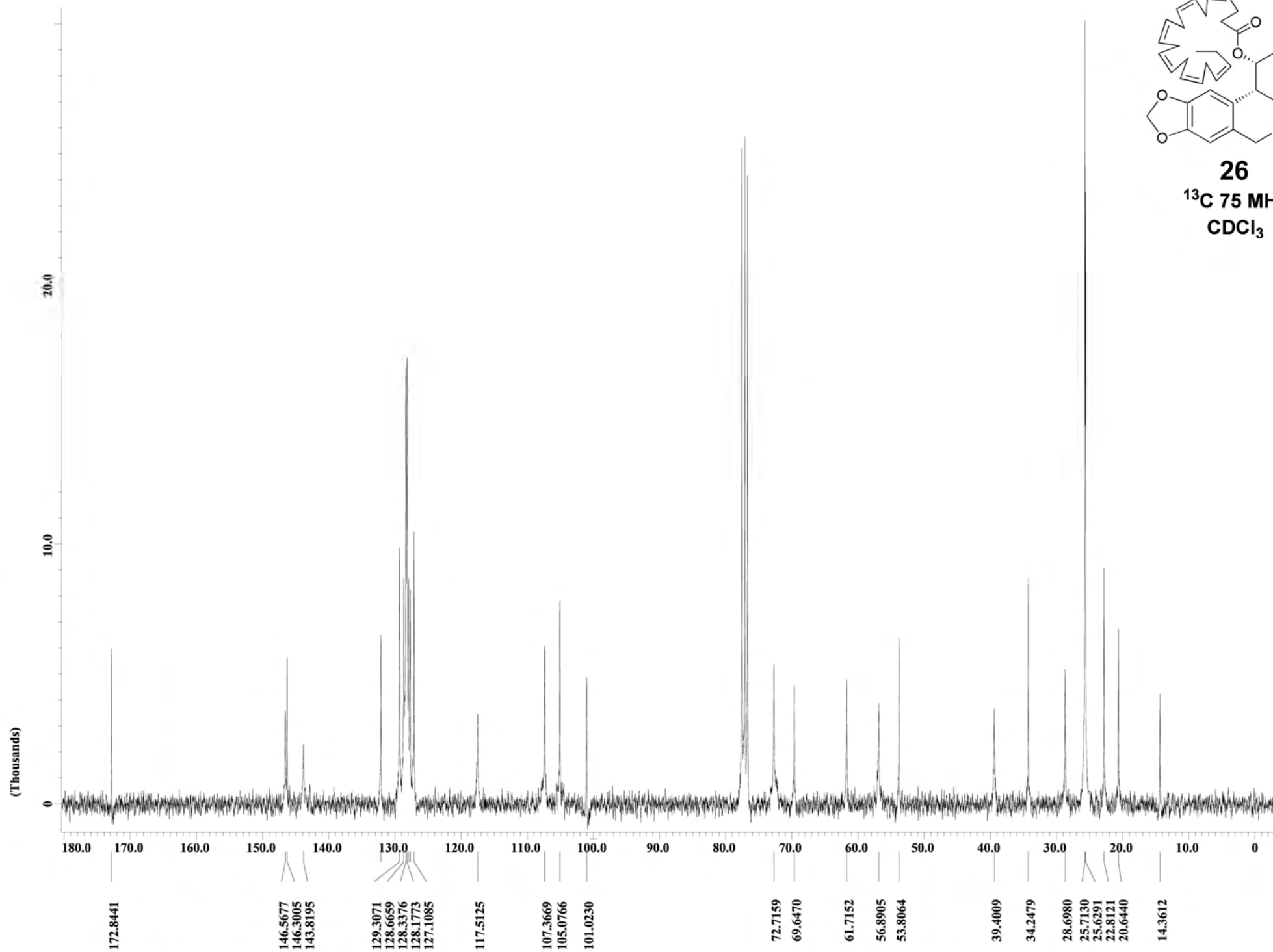
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¹H 300 MHz
CDCl₃



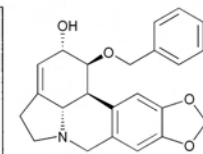
X : parts per Million : 1H



26
¹³C 75 MHz
CDCl₃

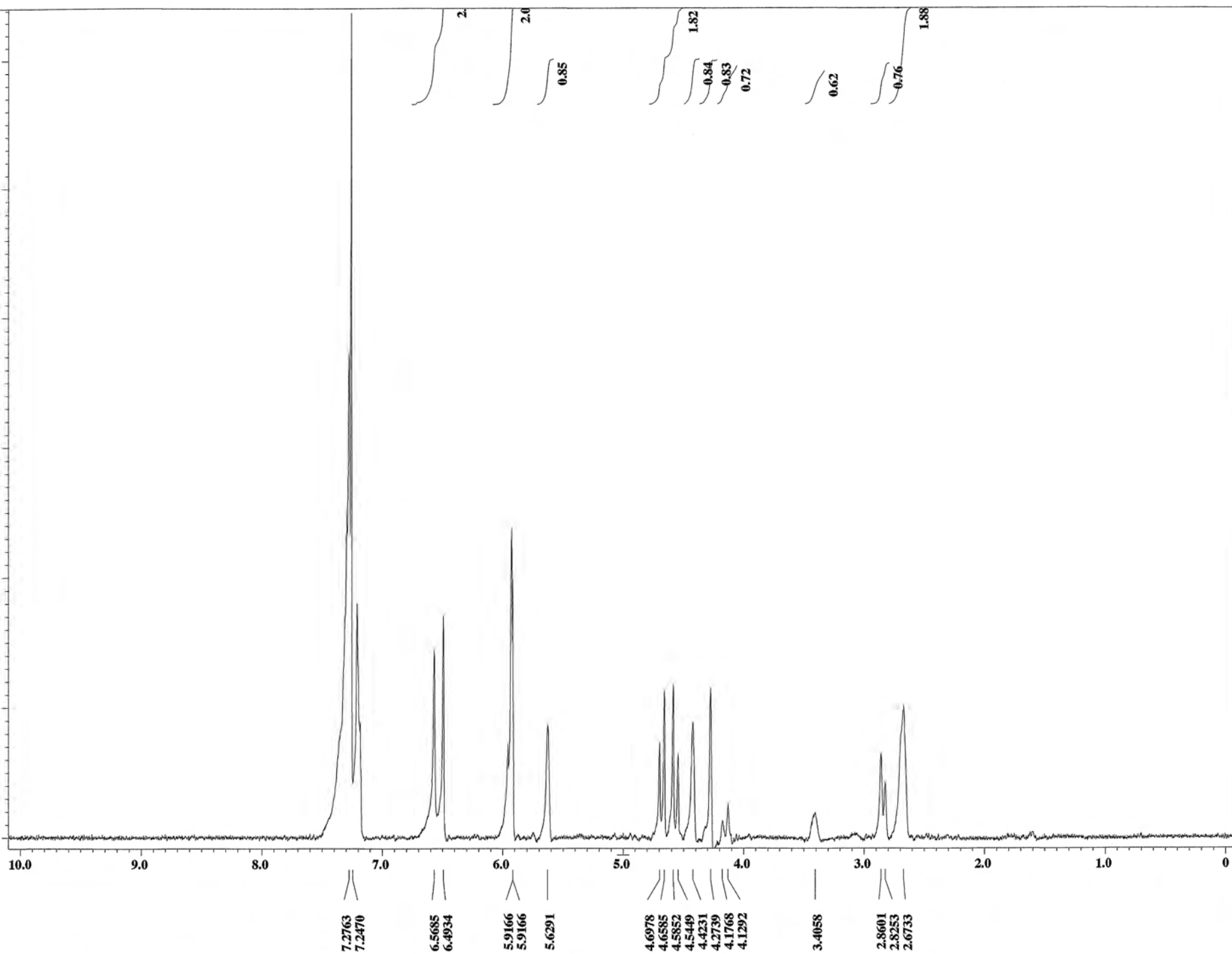


X : parts per Million : 13C

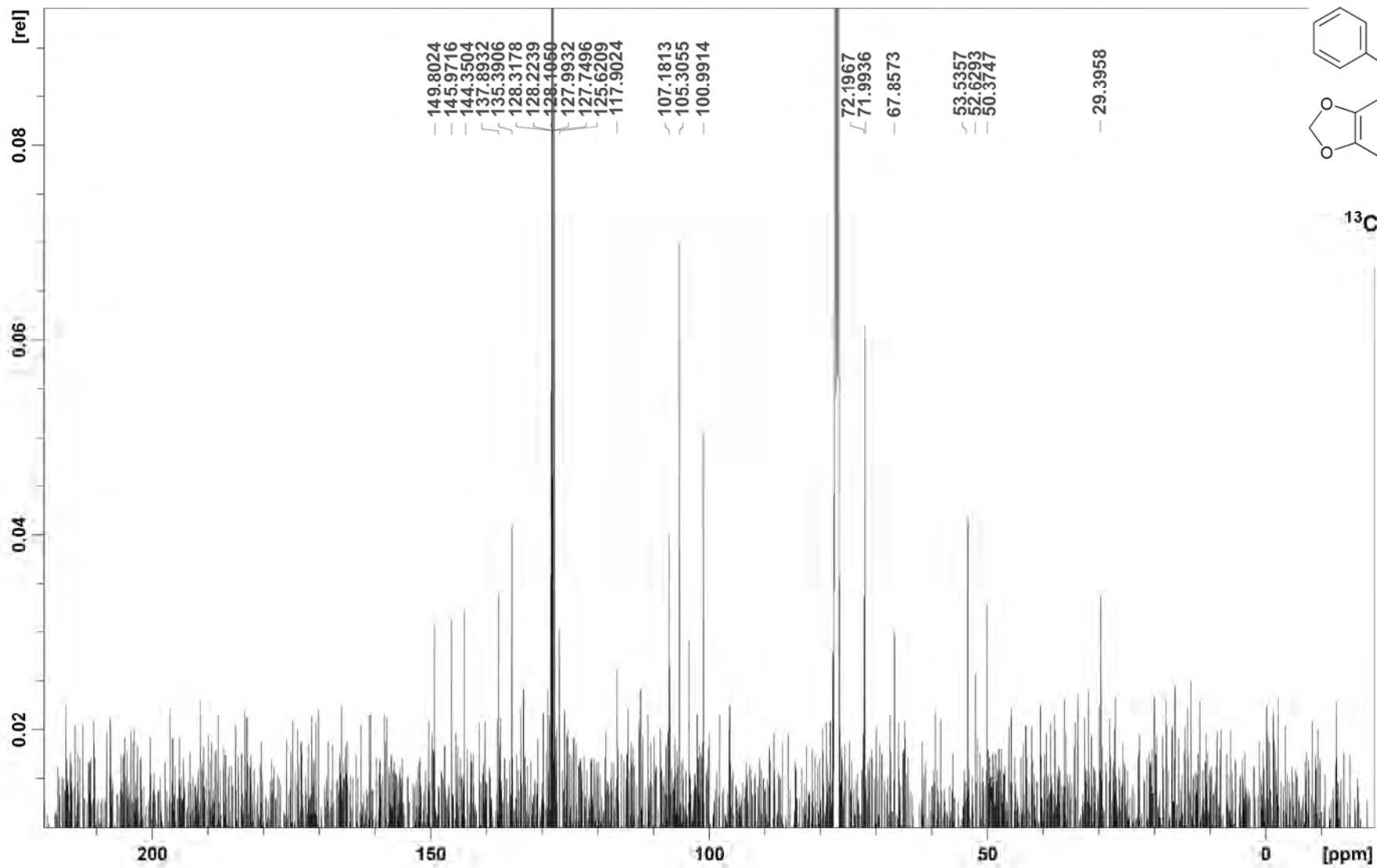


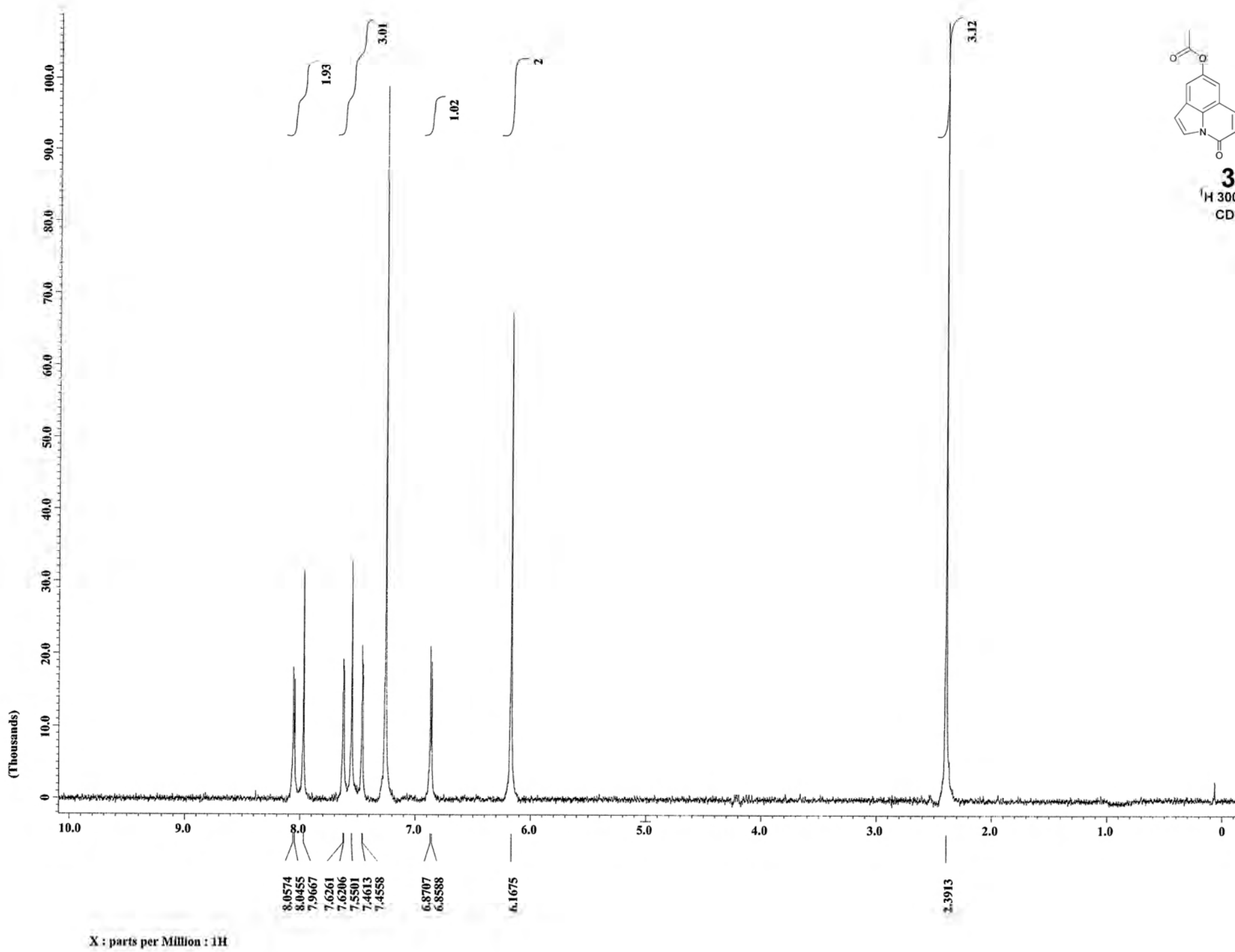
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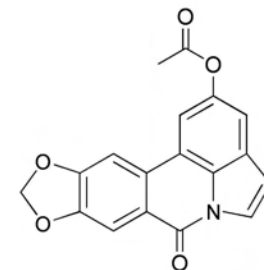
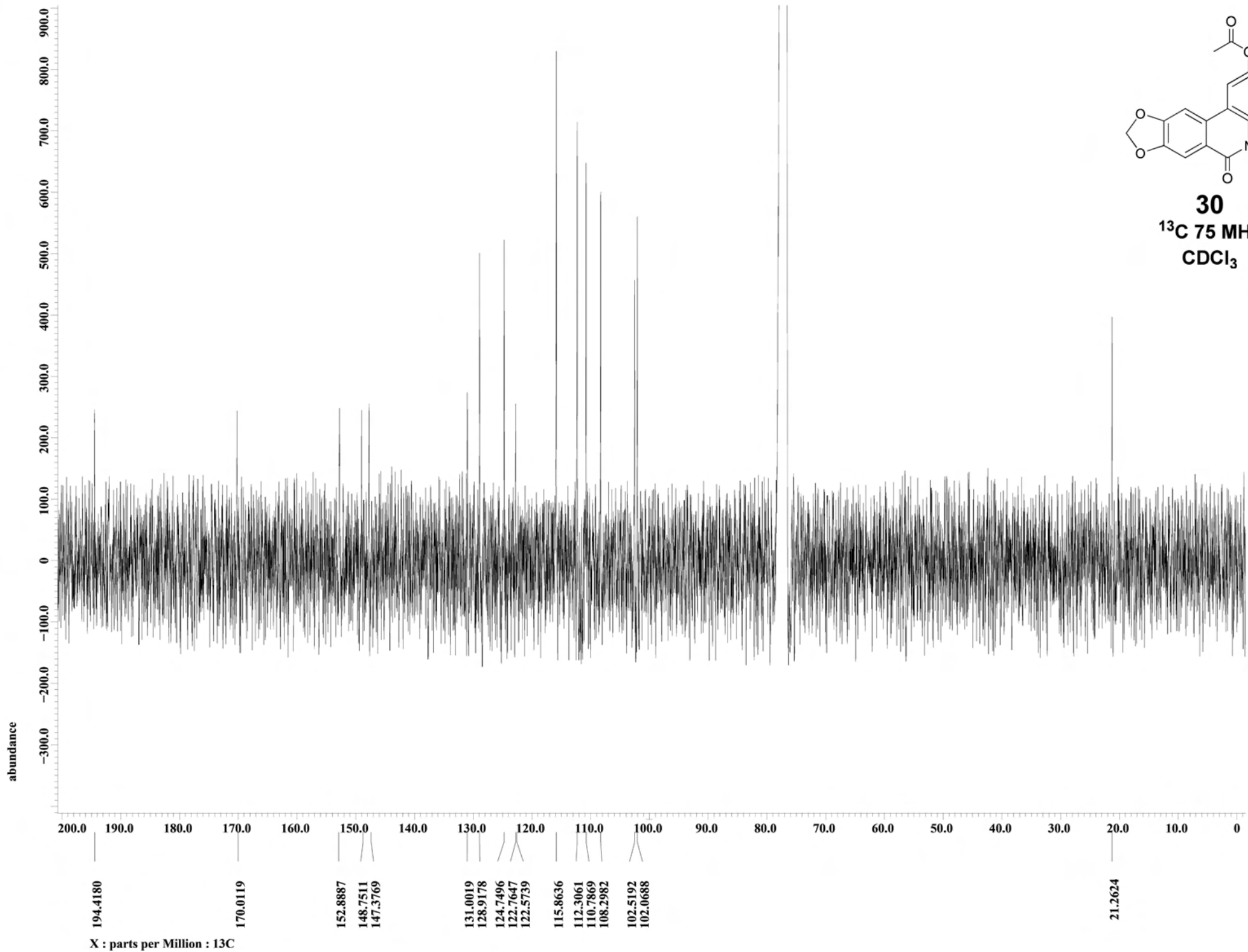
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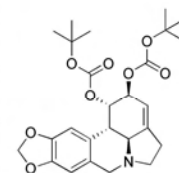
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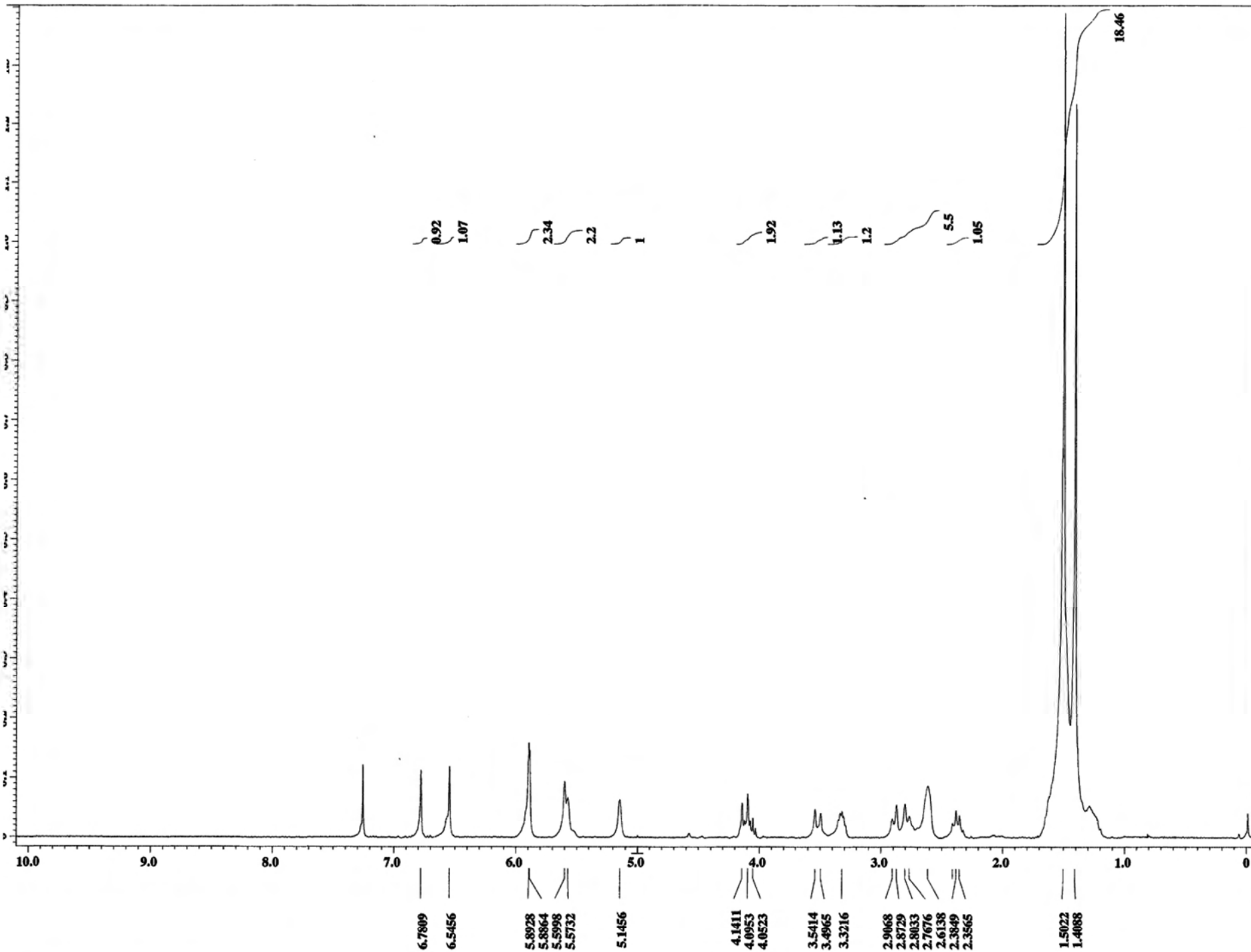




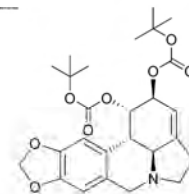
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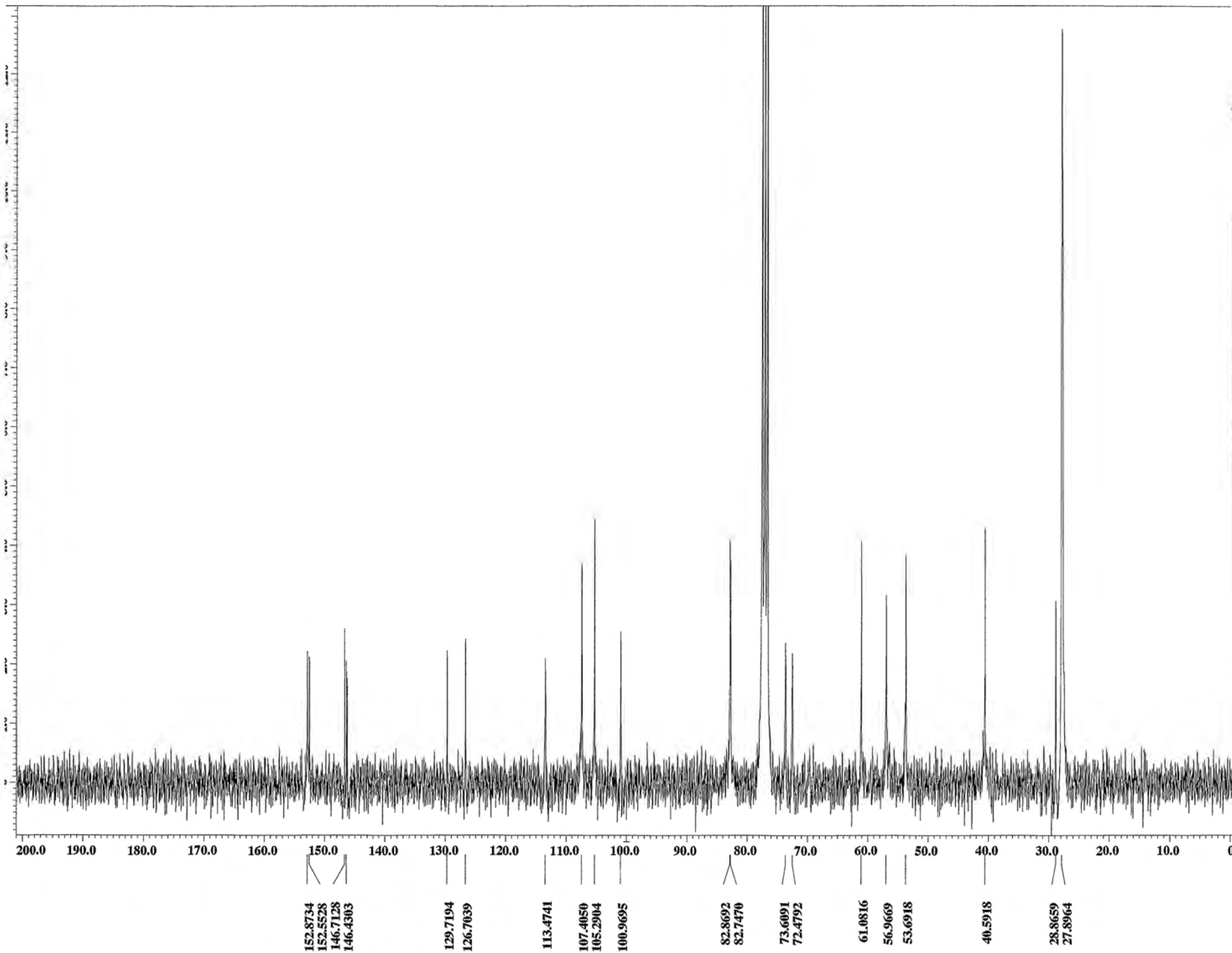


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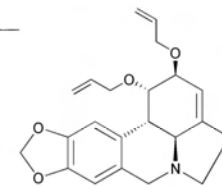


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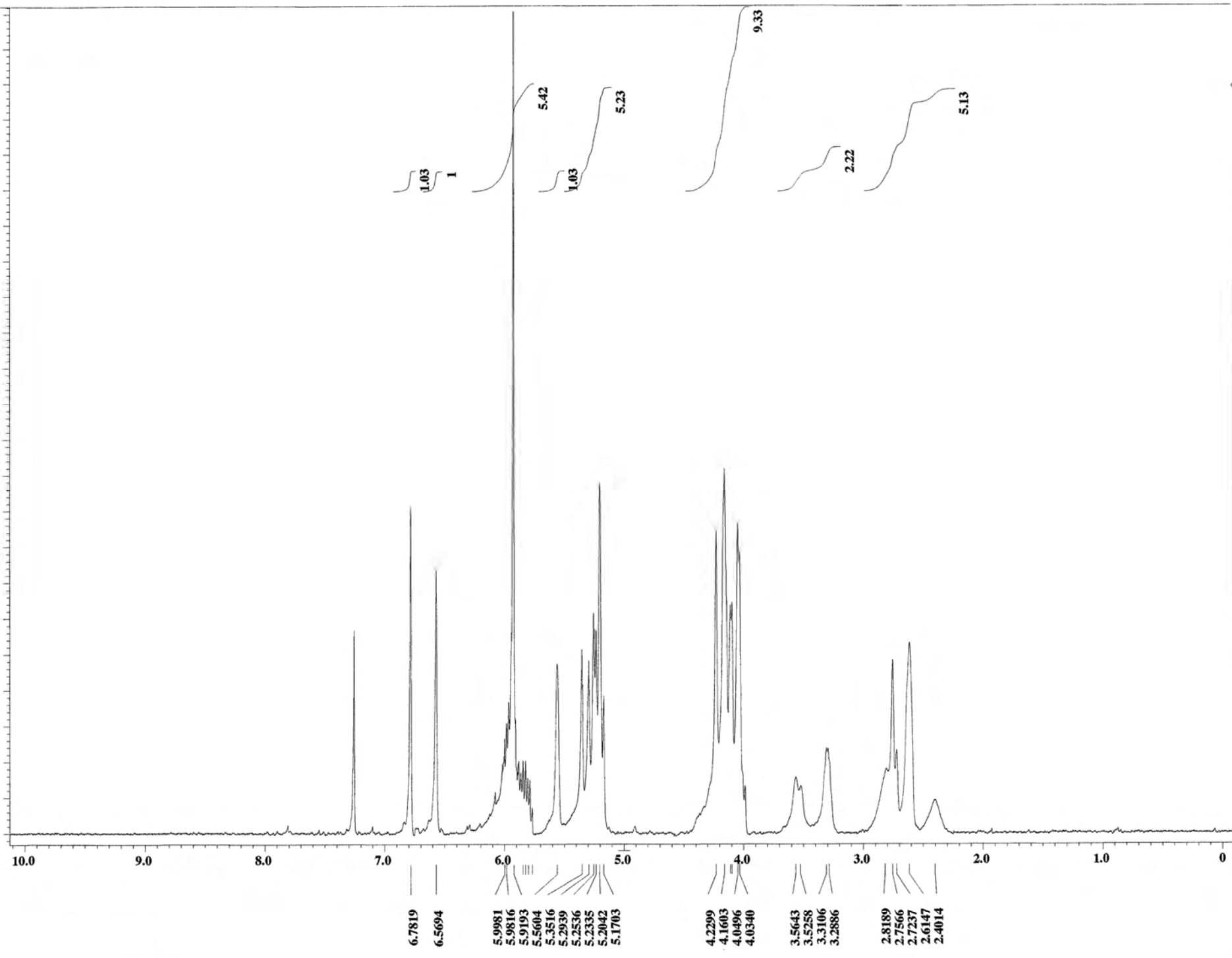
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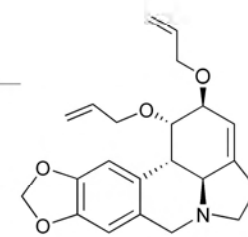
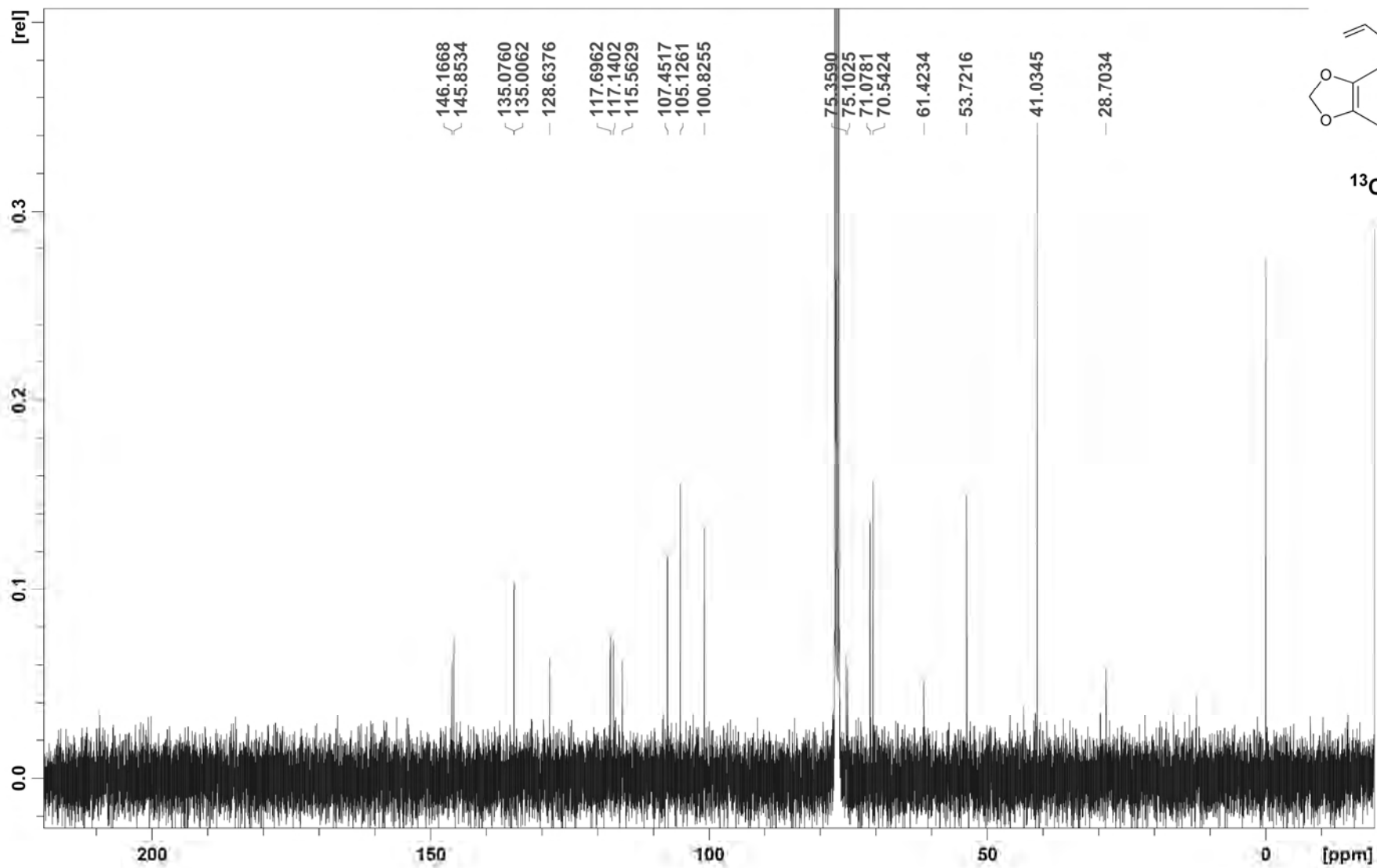
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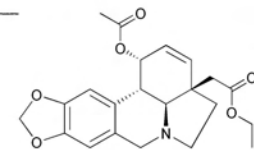
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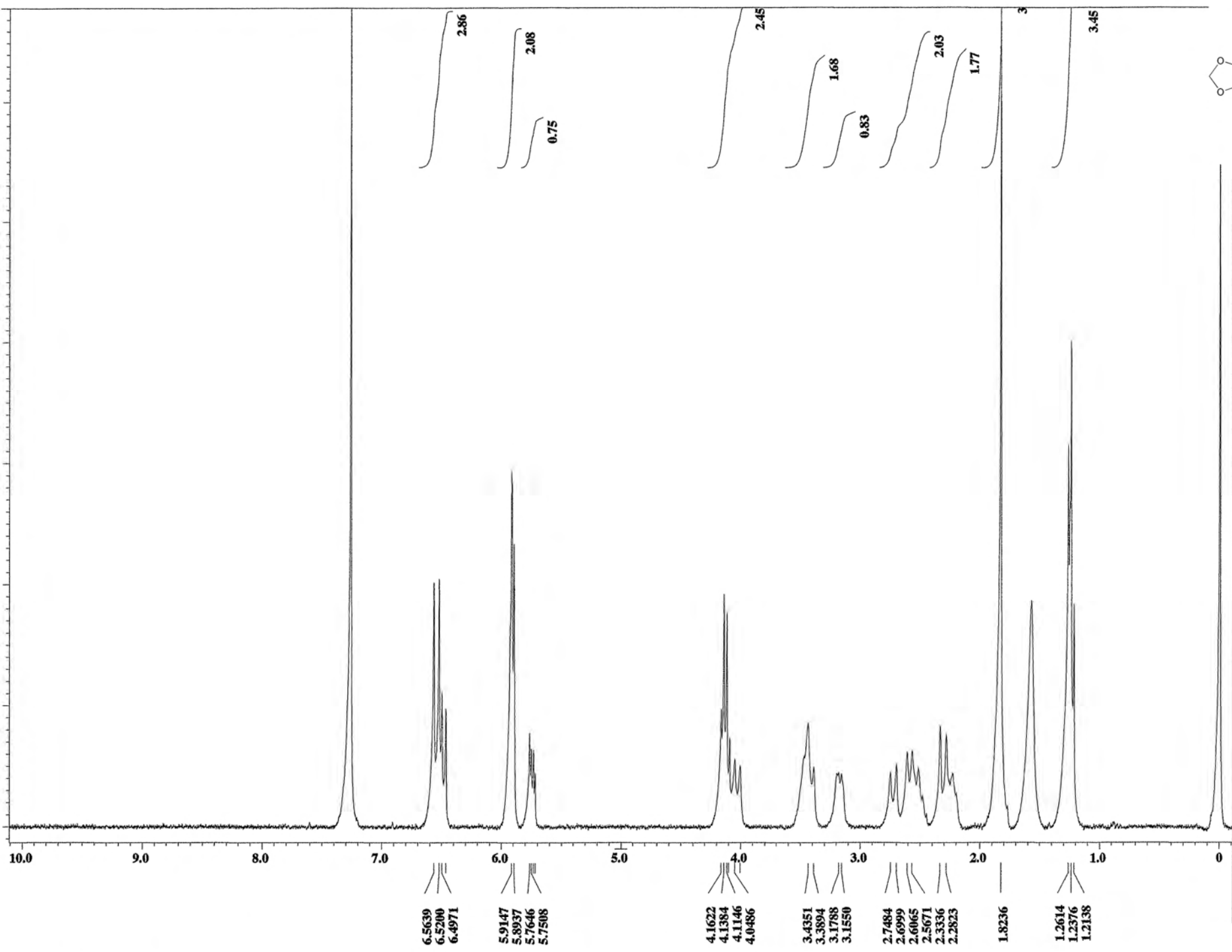
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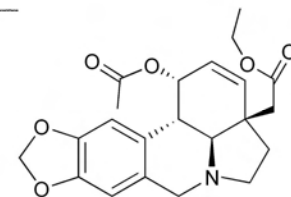
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34
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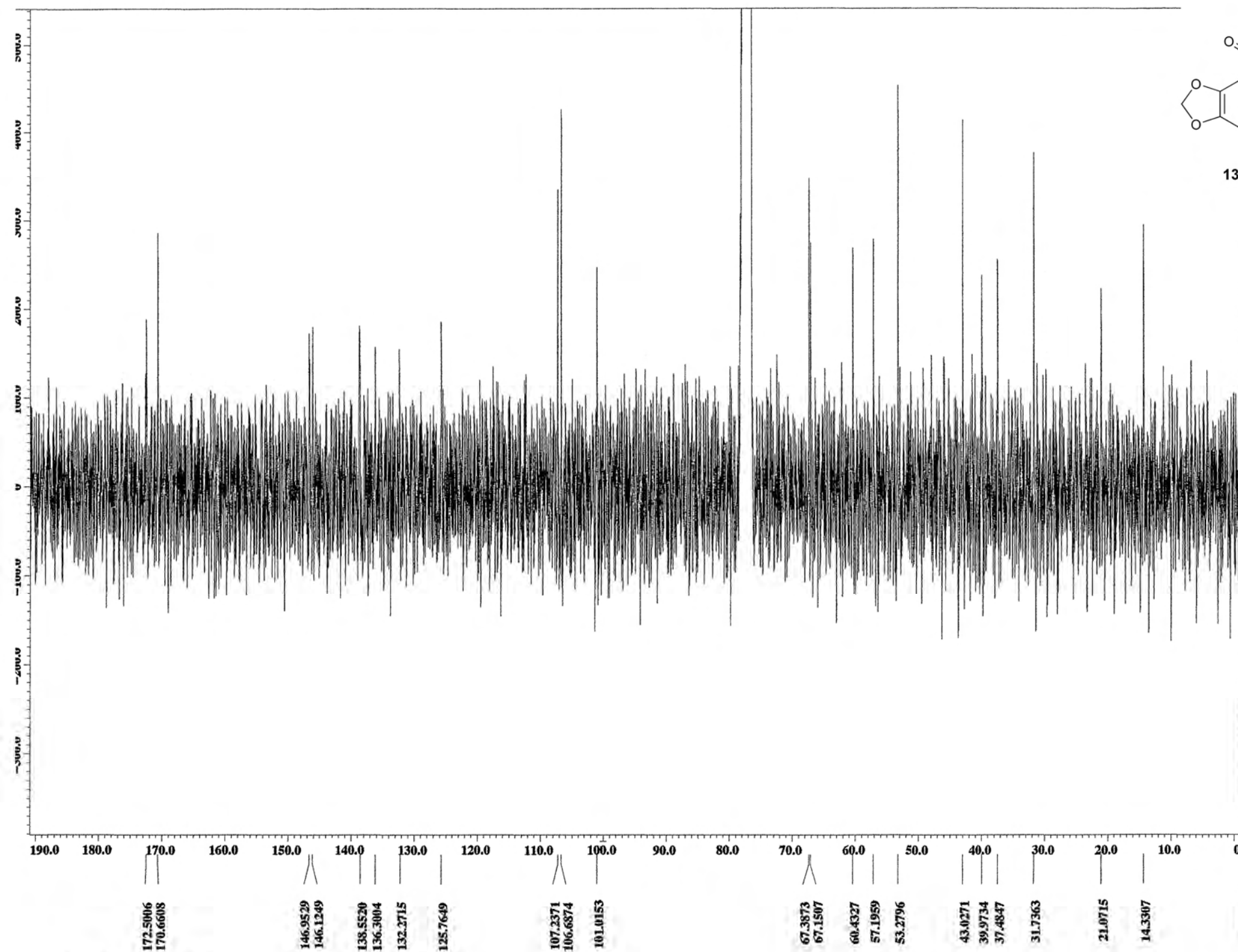


X : parts per Million : 1H



34

¹³C 75 MHz
CDCl₃



X : parts per Million : ¹³C