

Flexible synthesis of diverse *N*-heterocycles from substrates attainable from biomass

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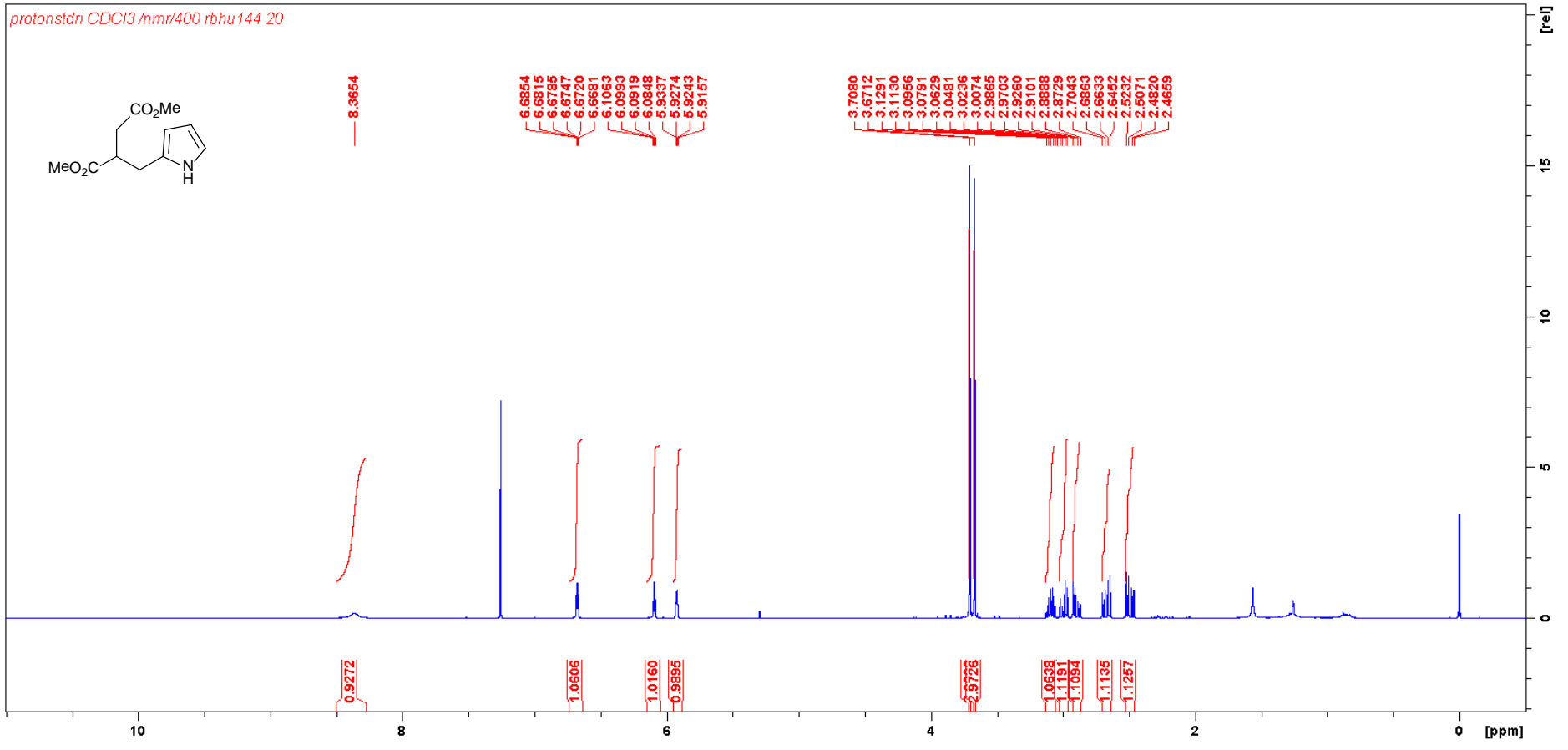
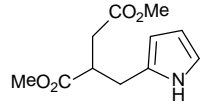
SUPPORTING INFORMATION

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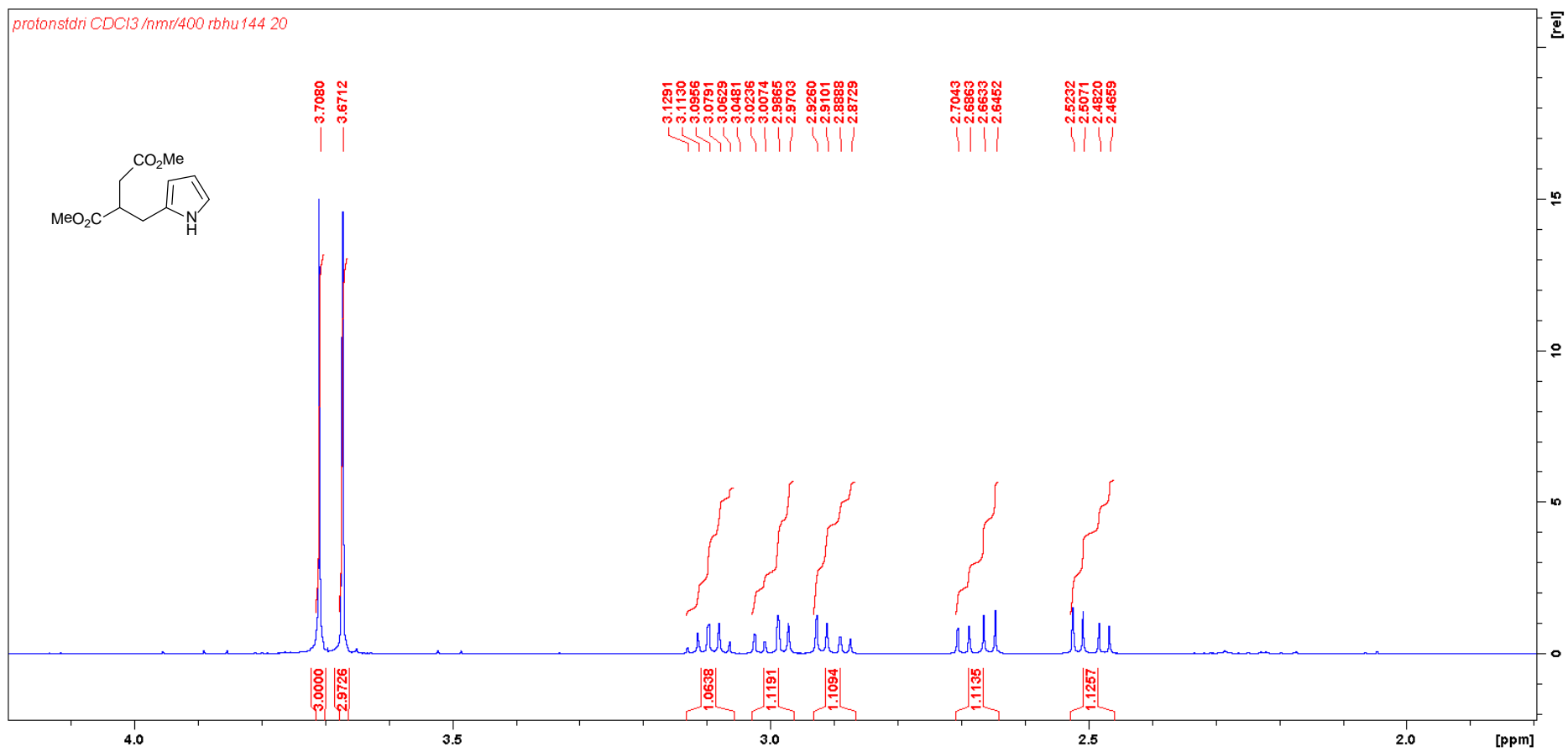
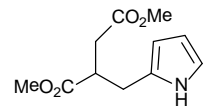
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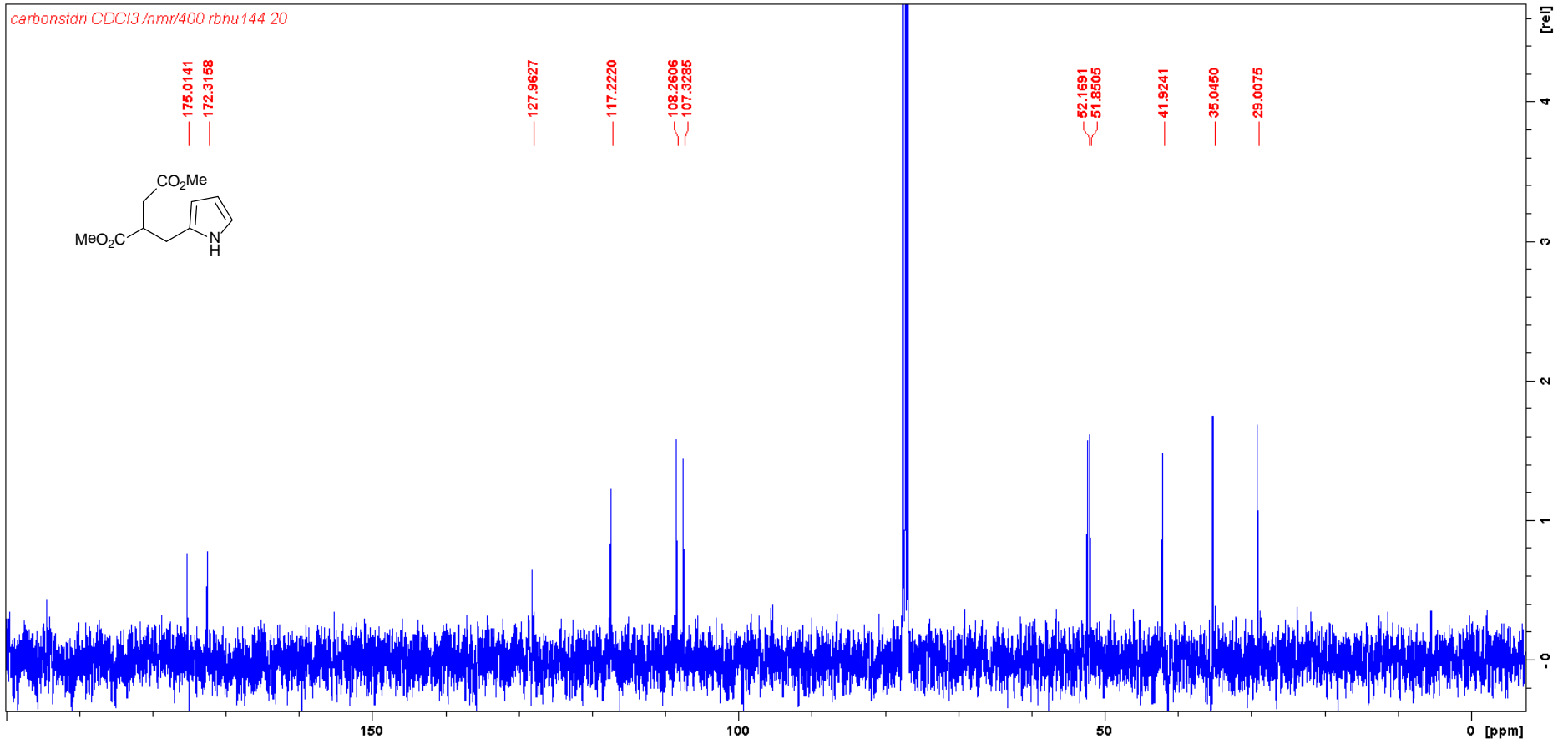
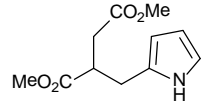
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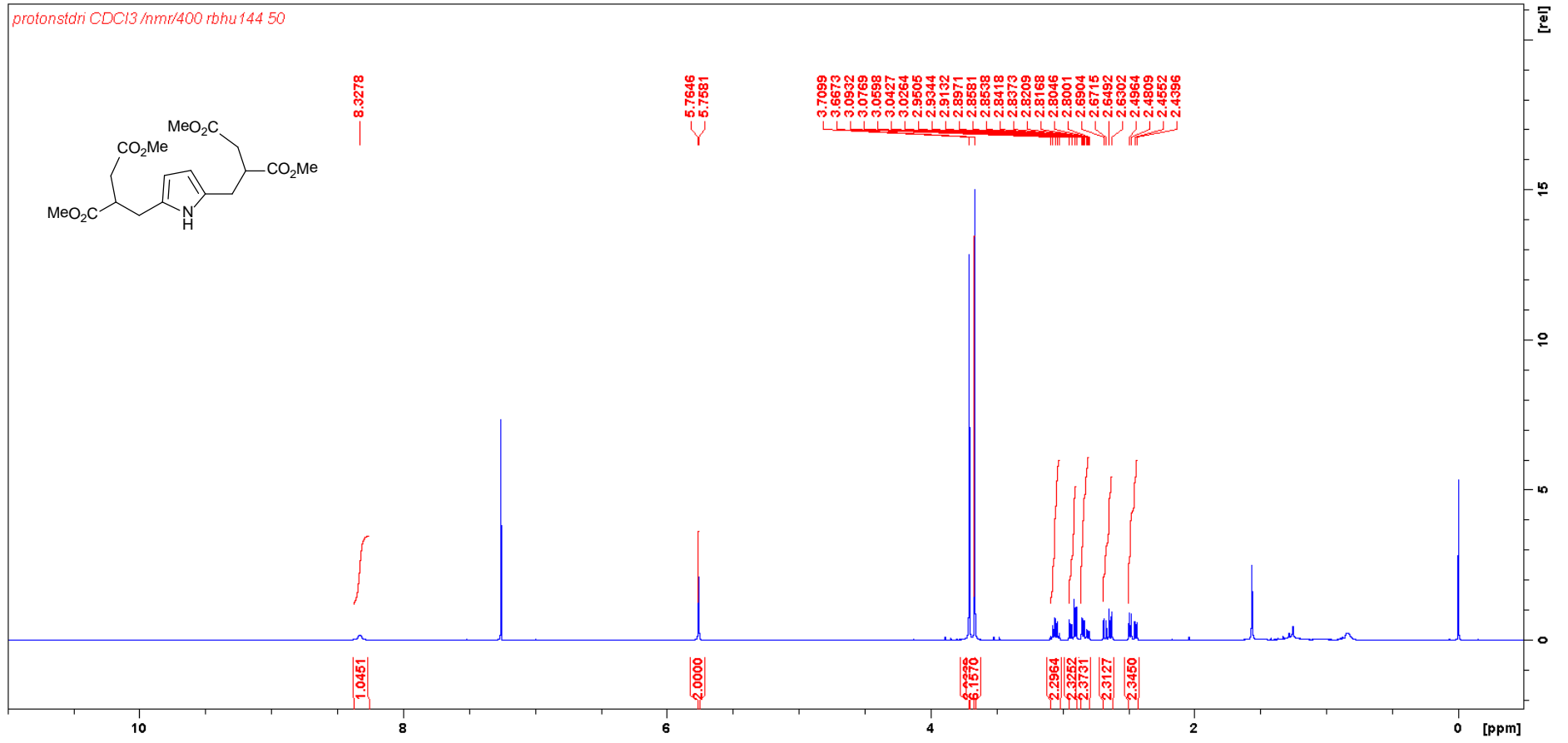
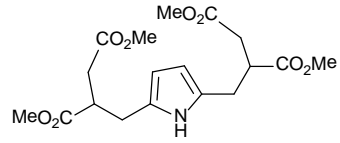
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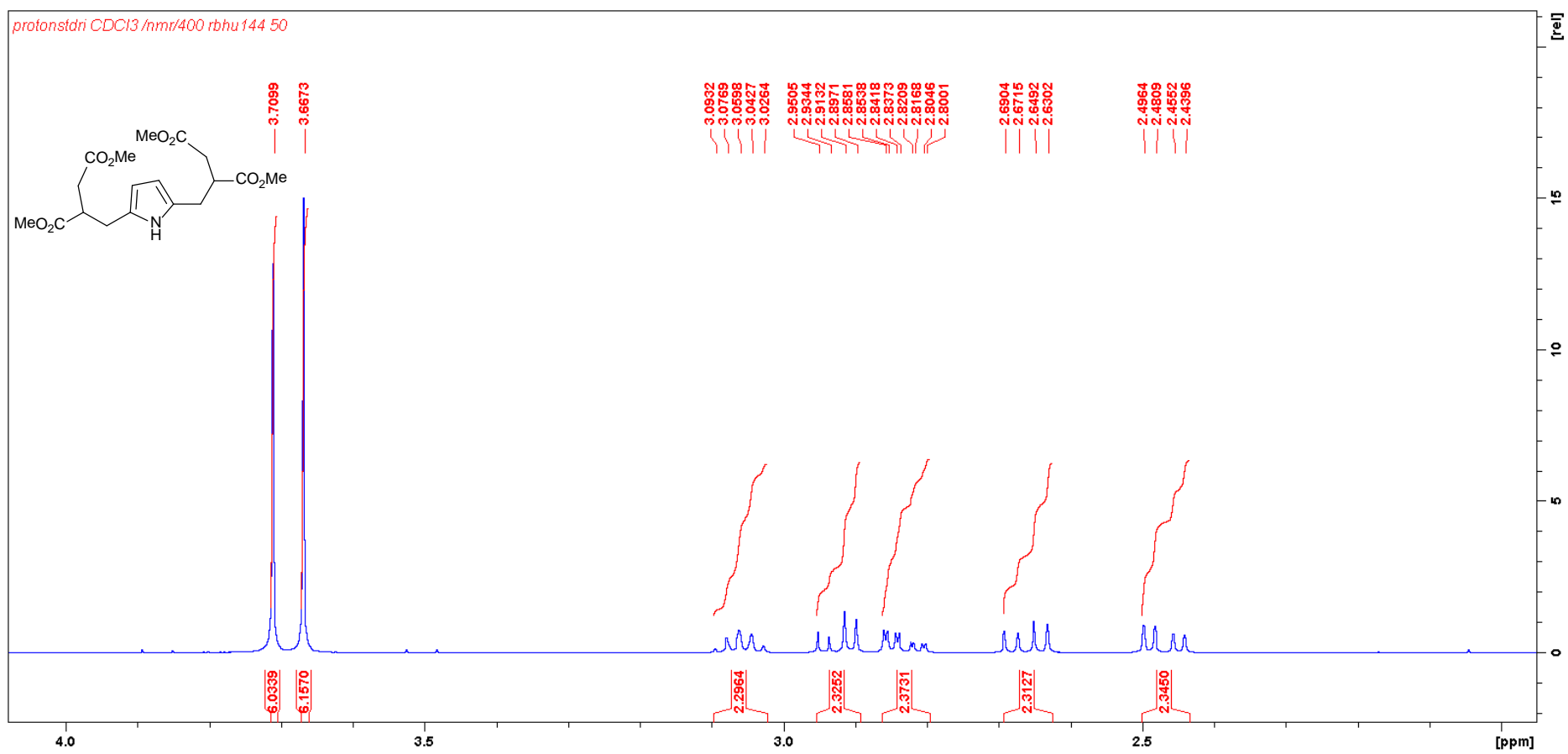
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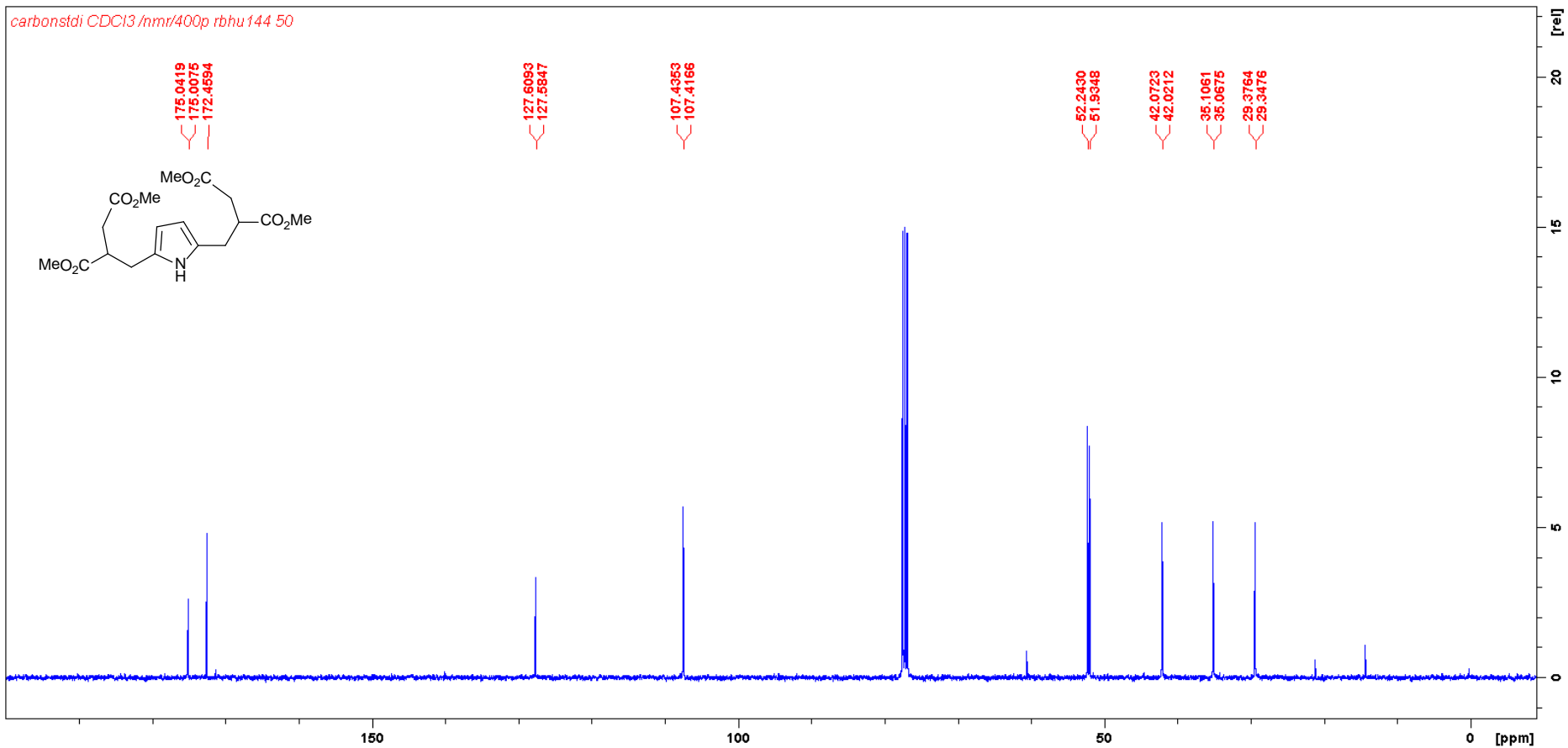
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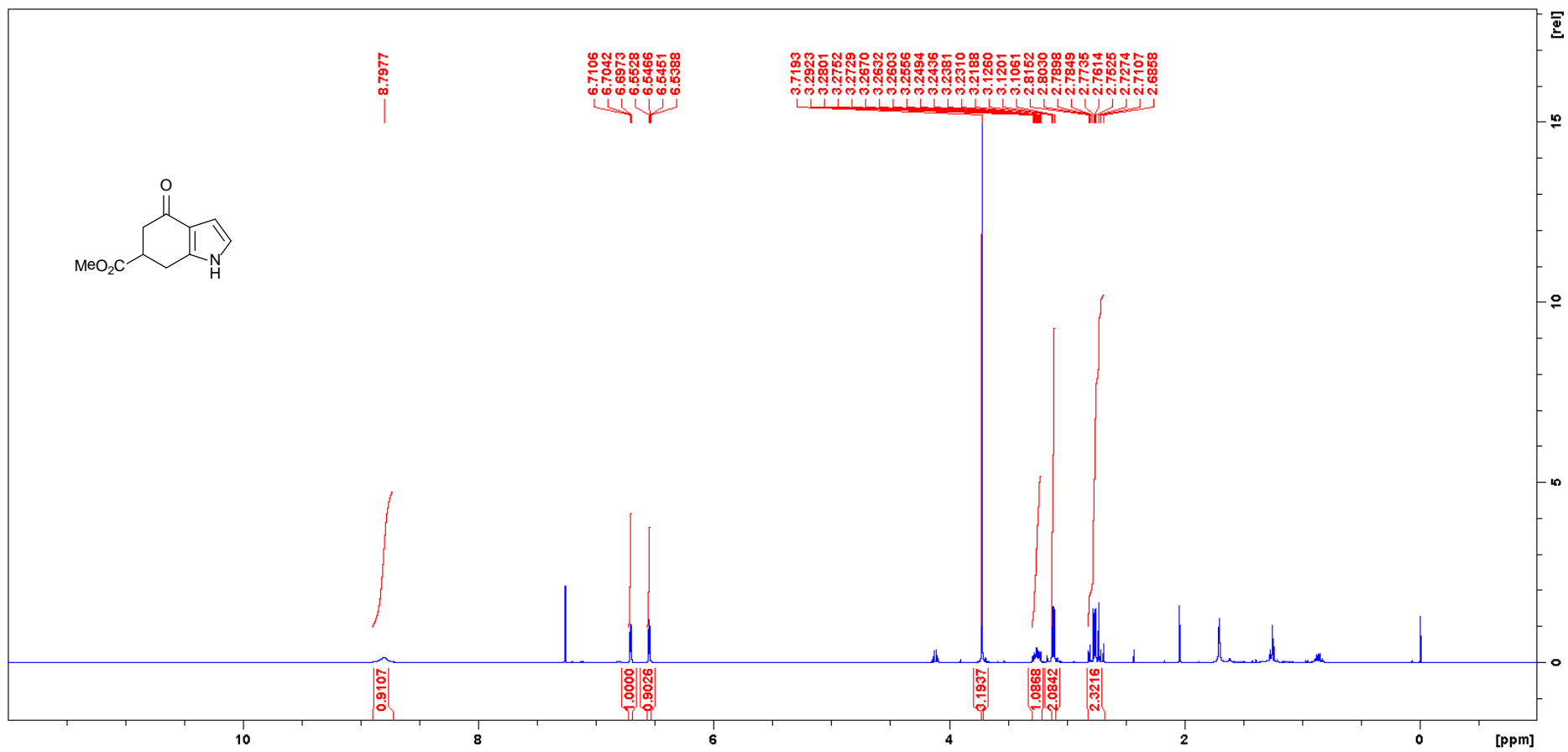


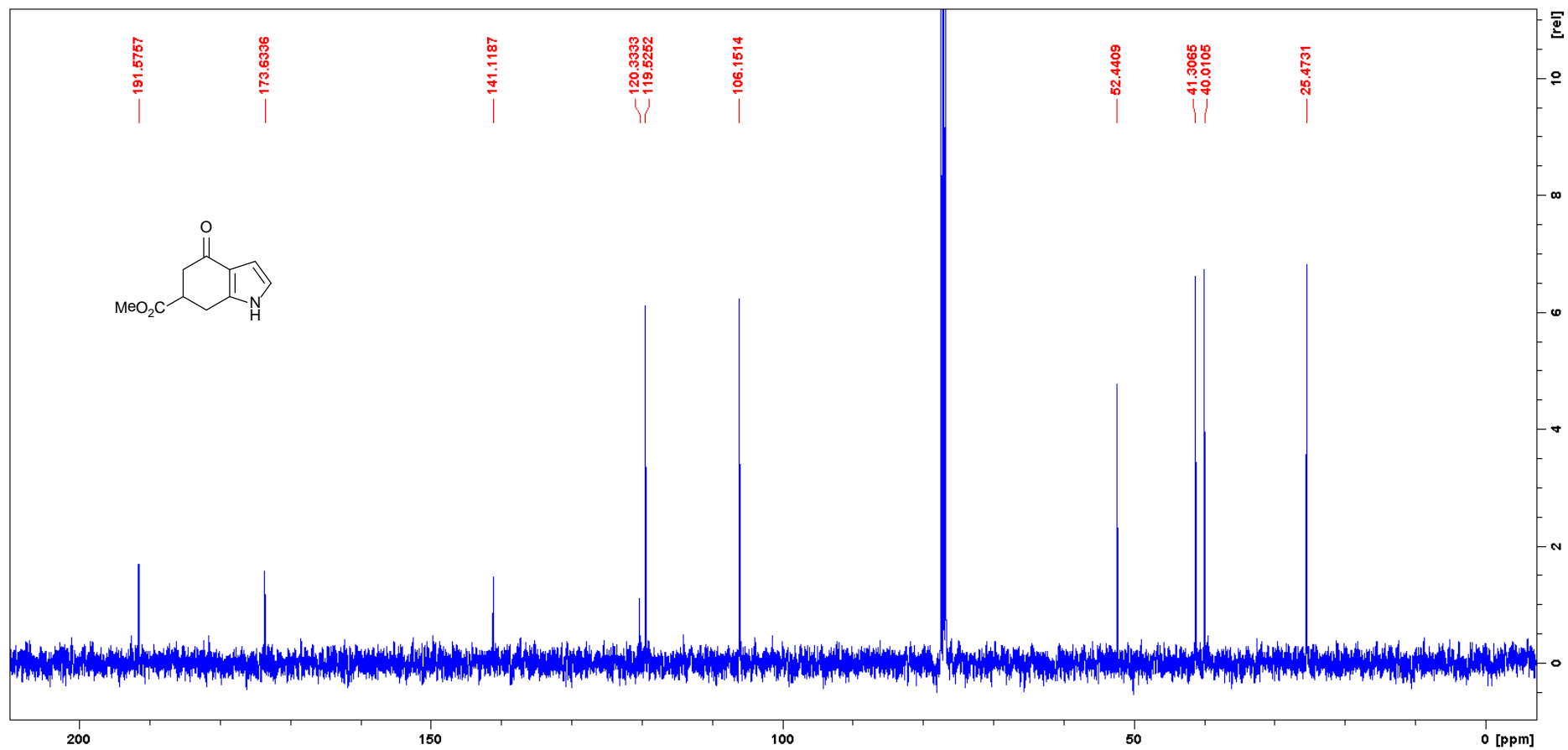
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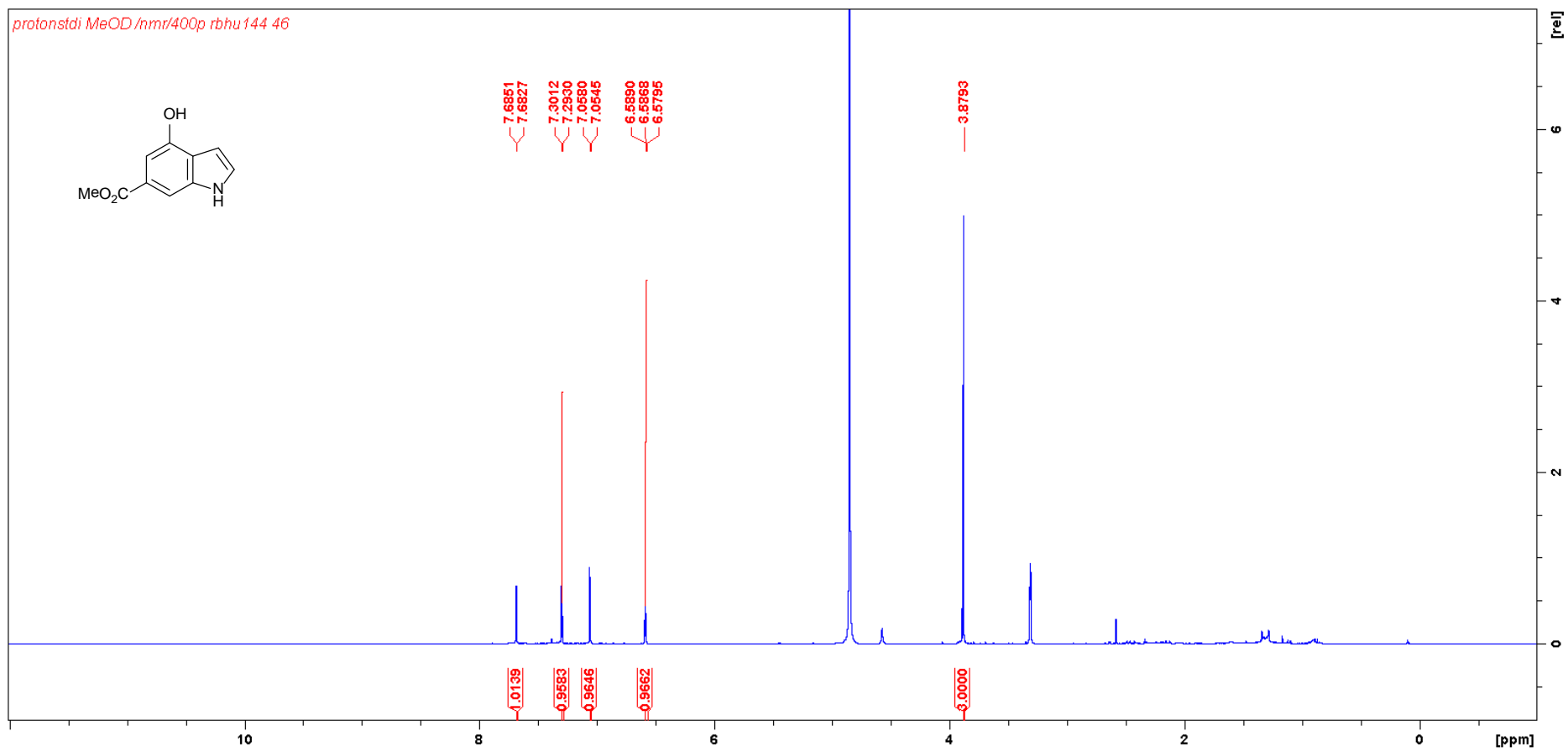
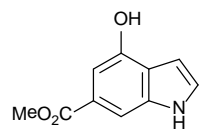
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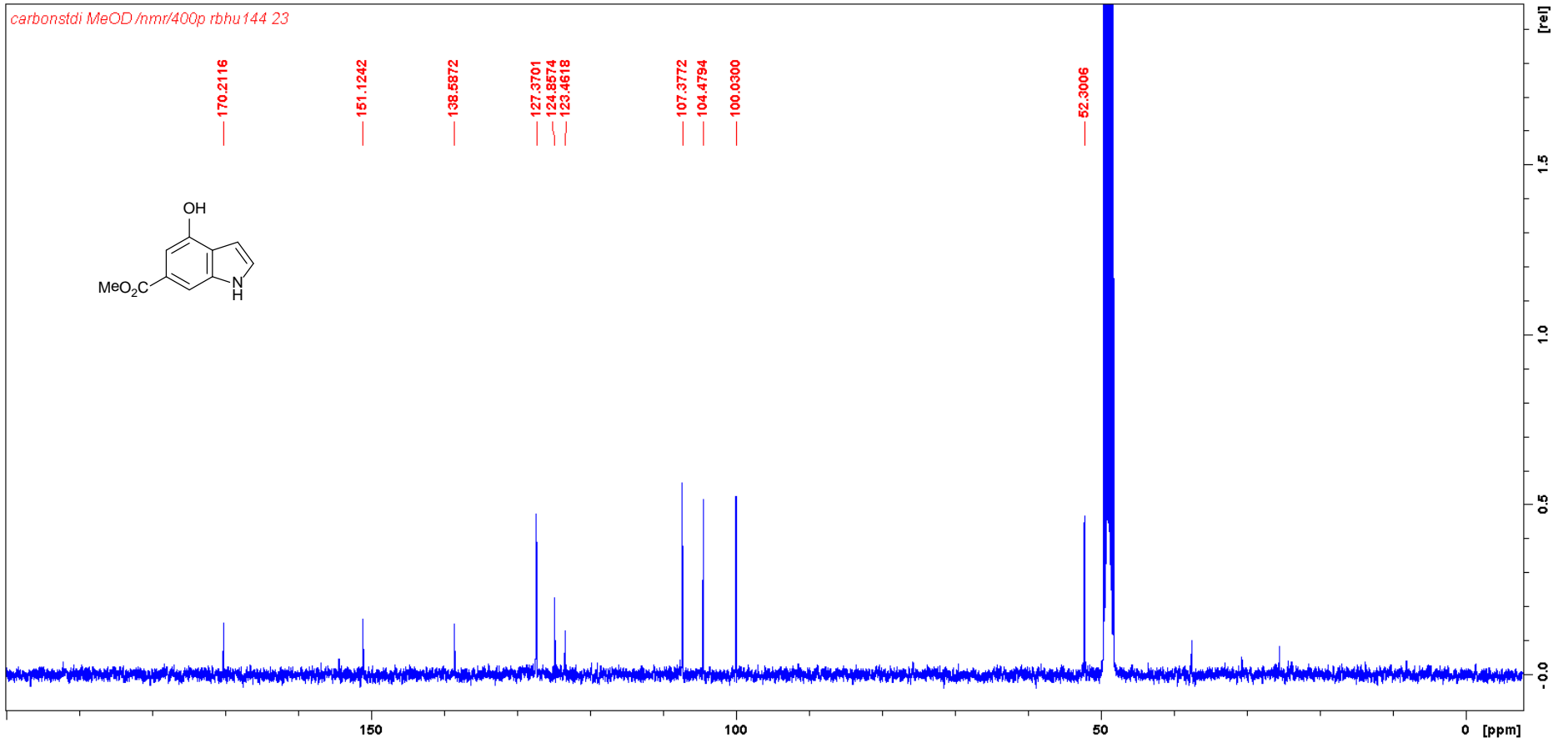
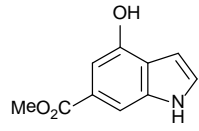




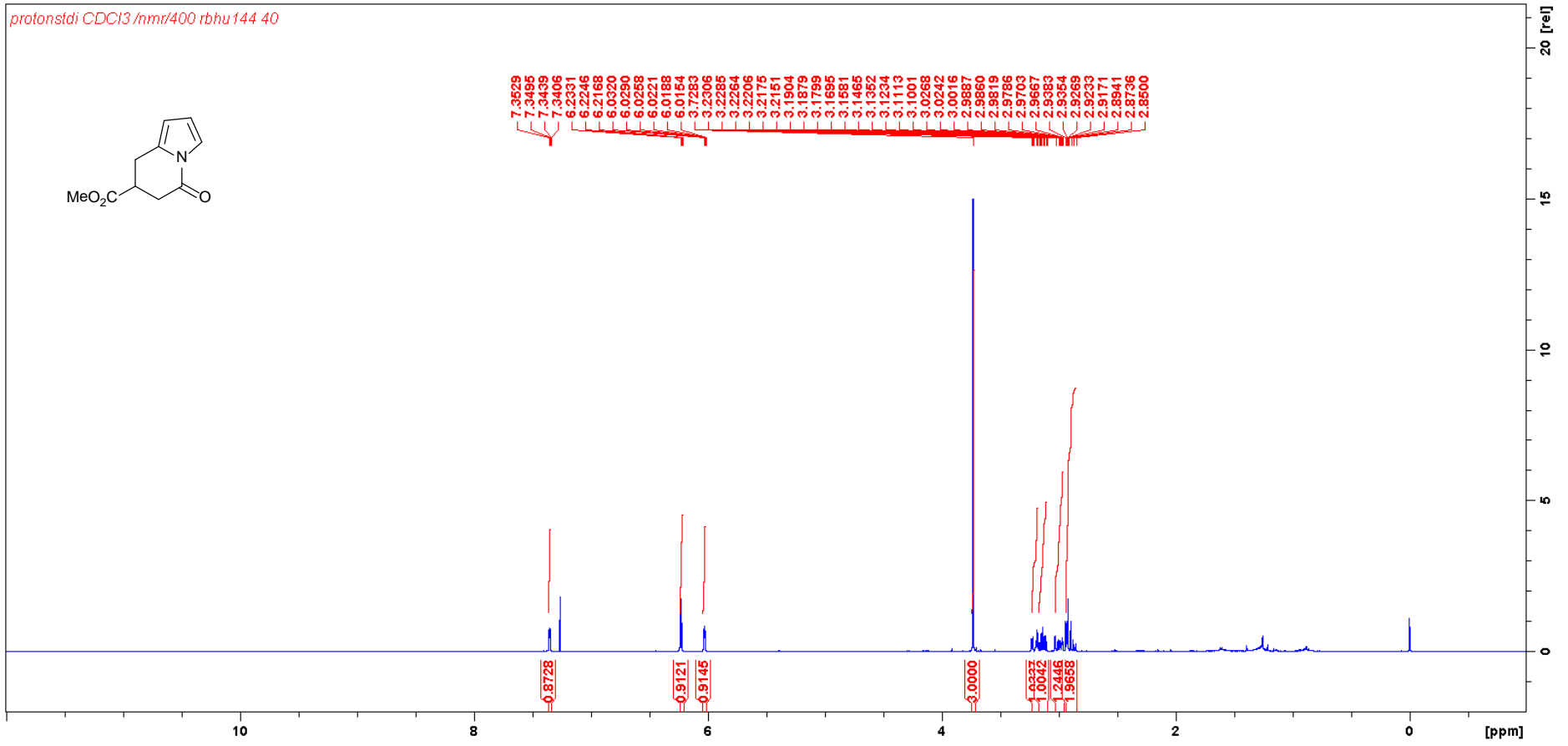
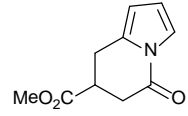
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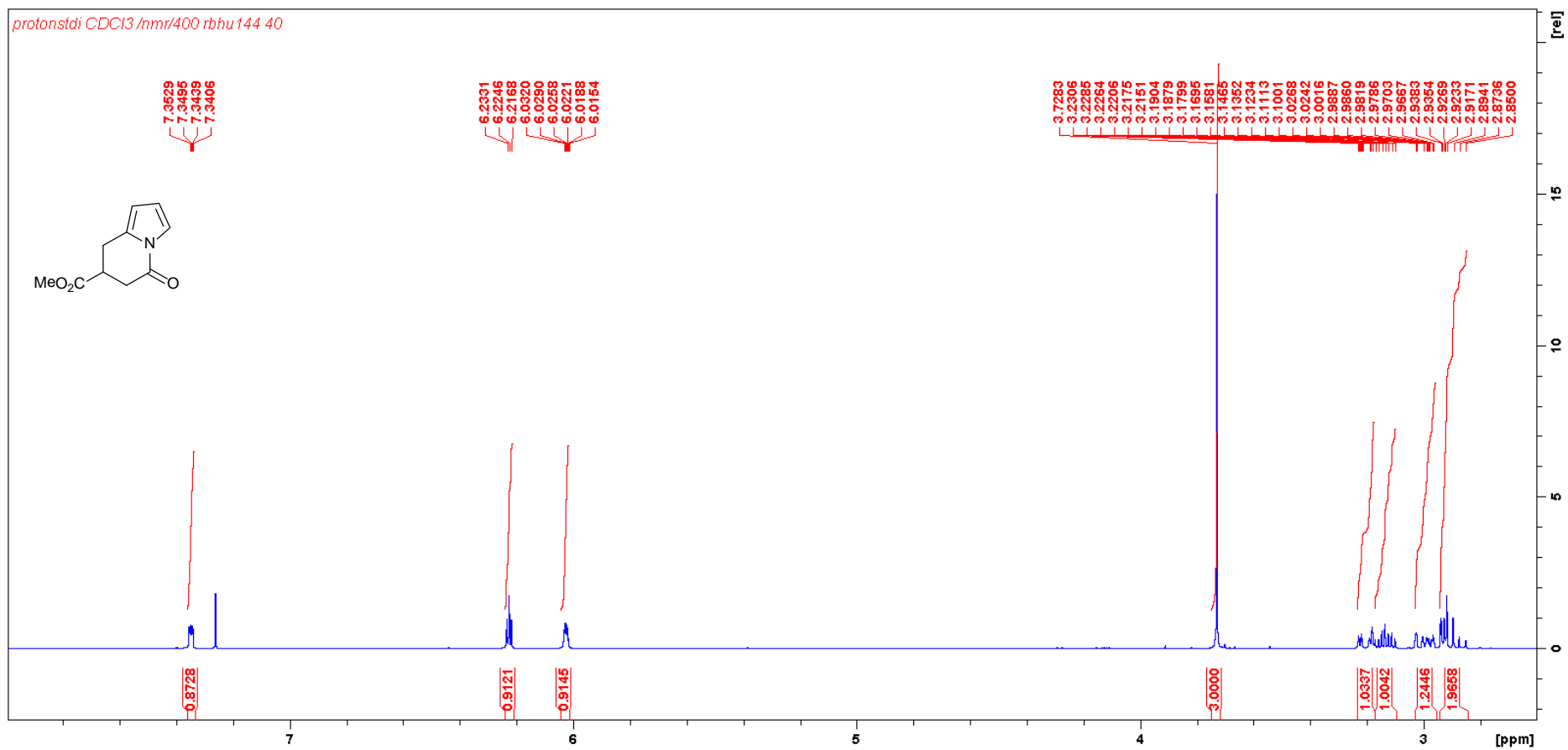
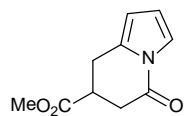
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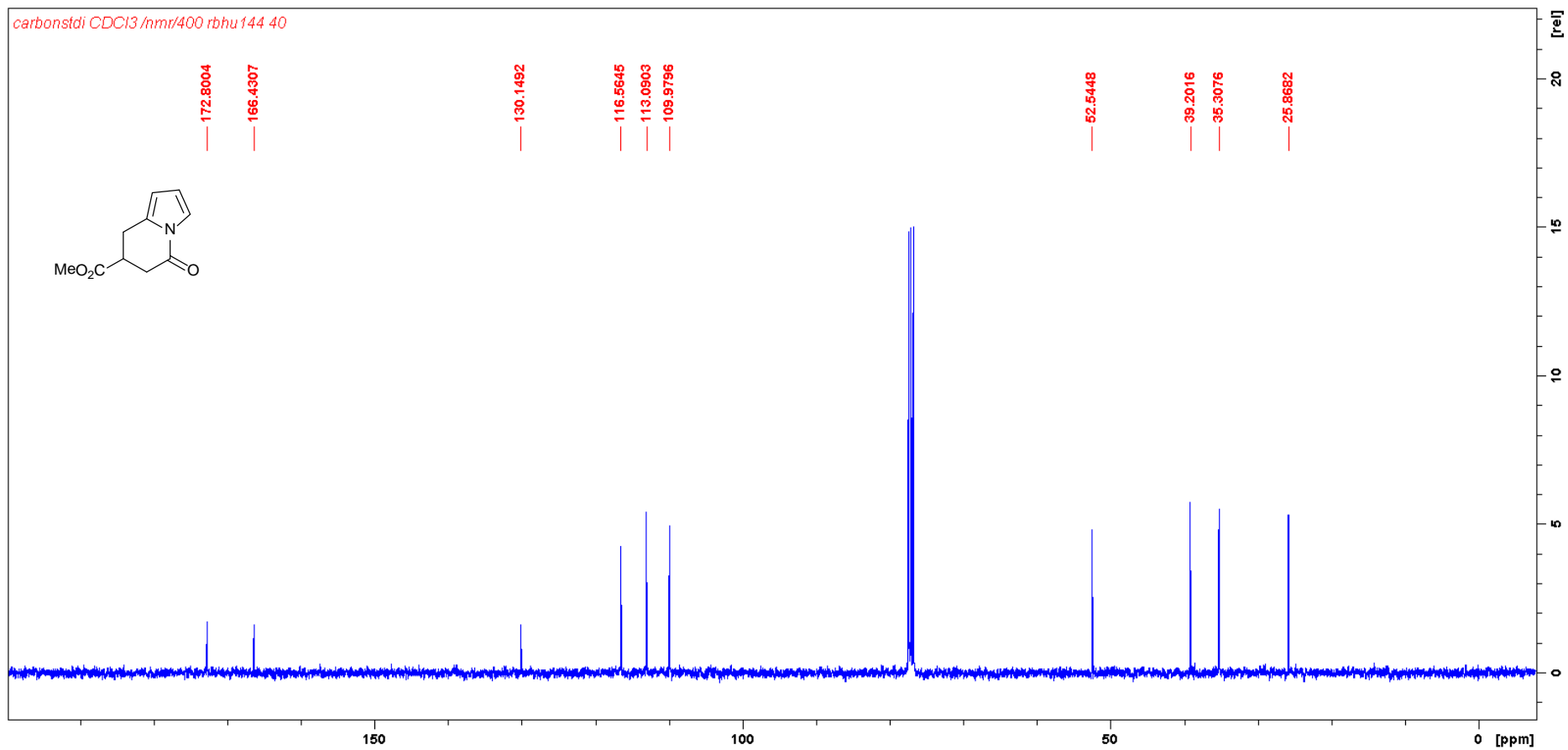
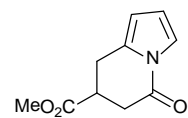
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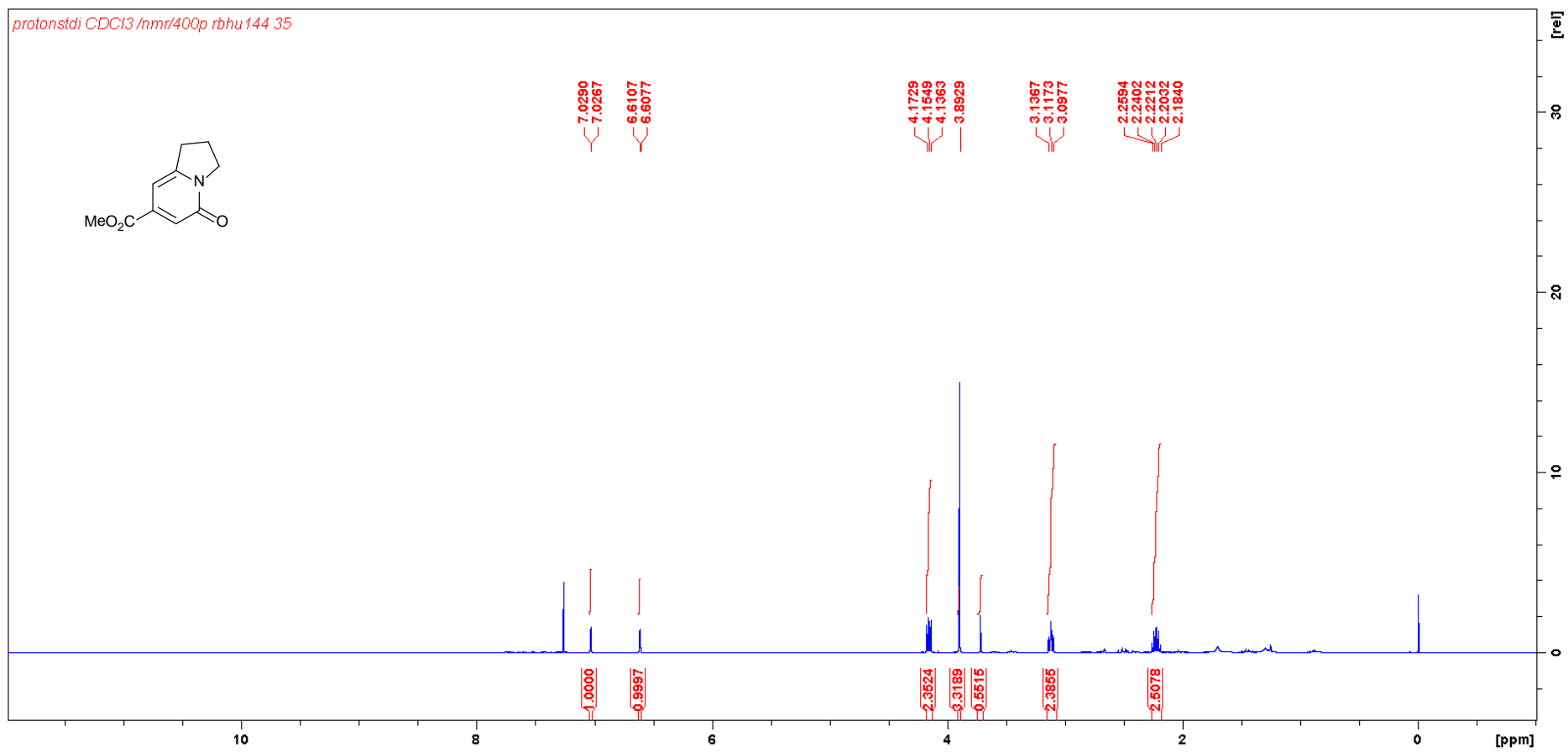
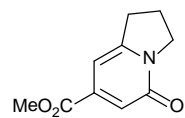
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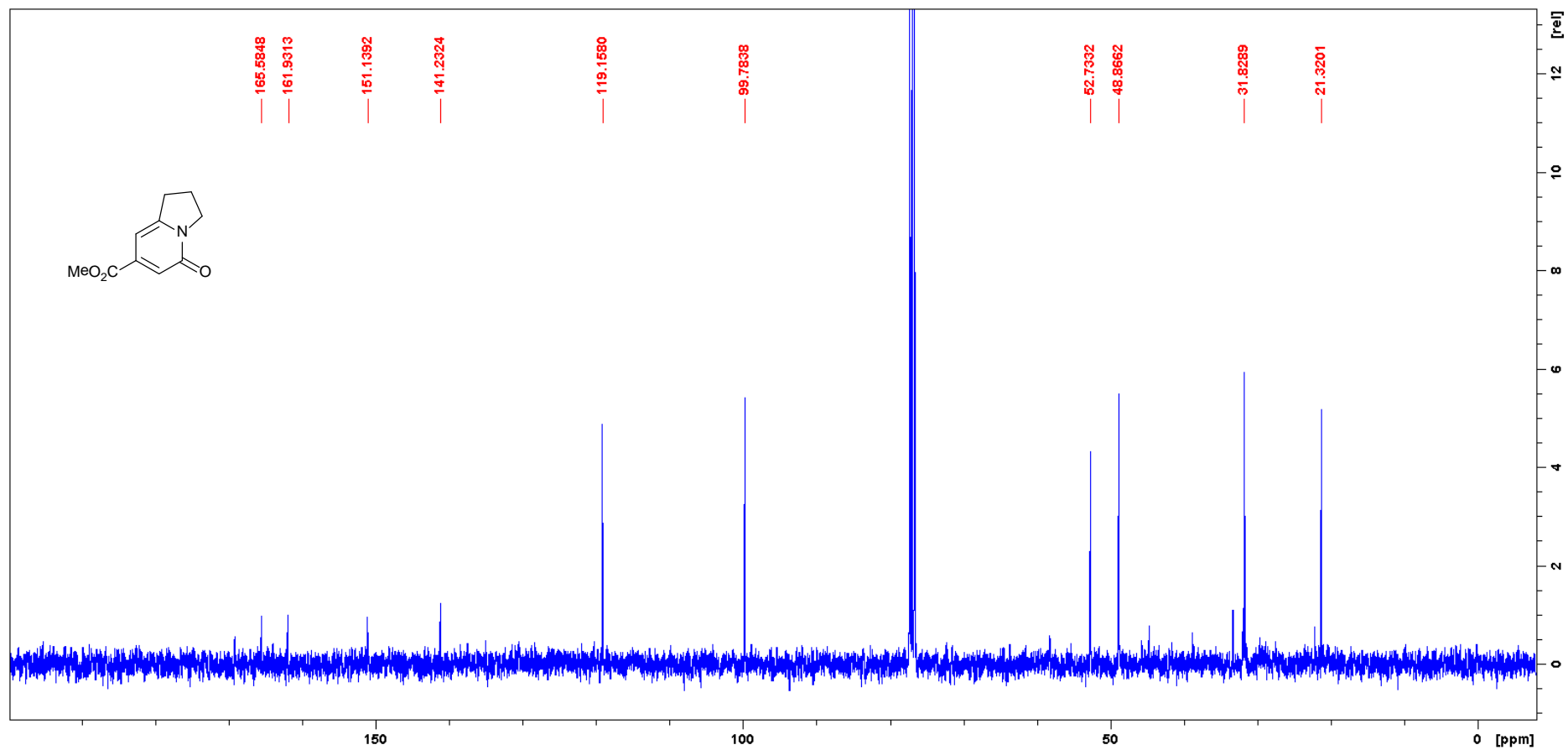


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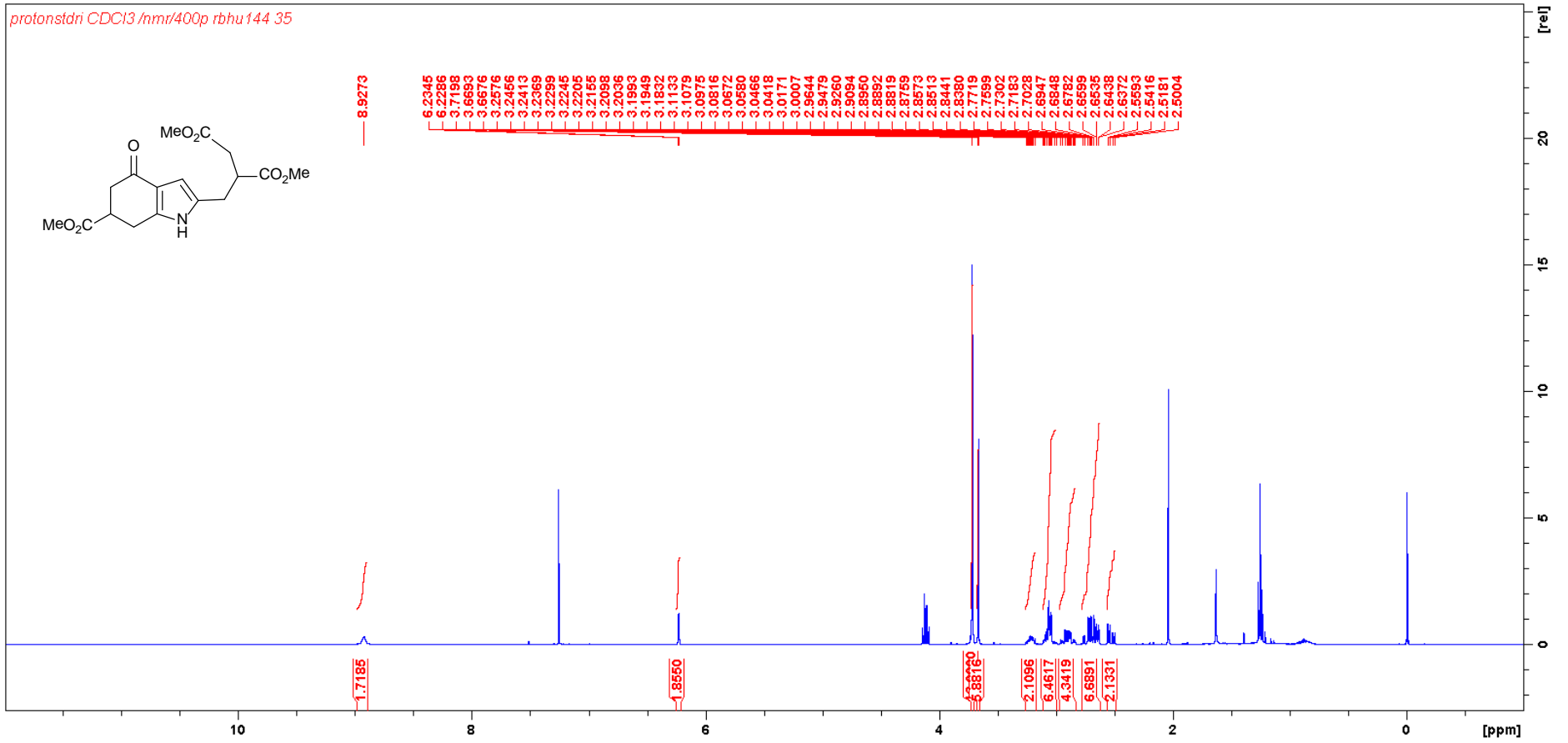
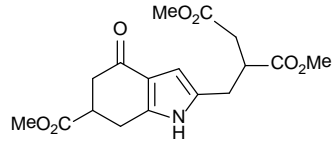


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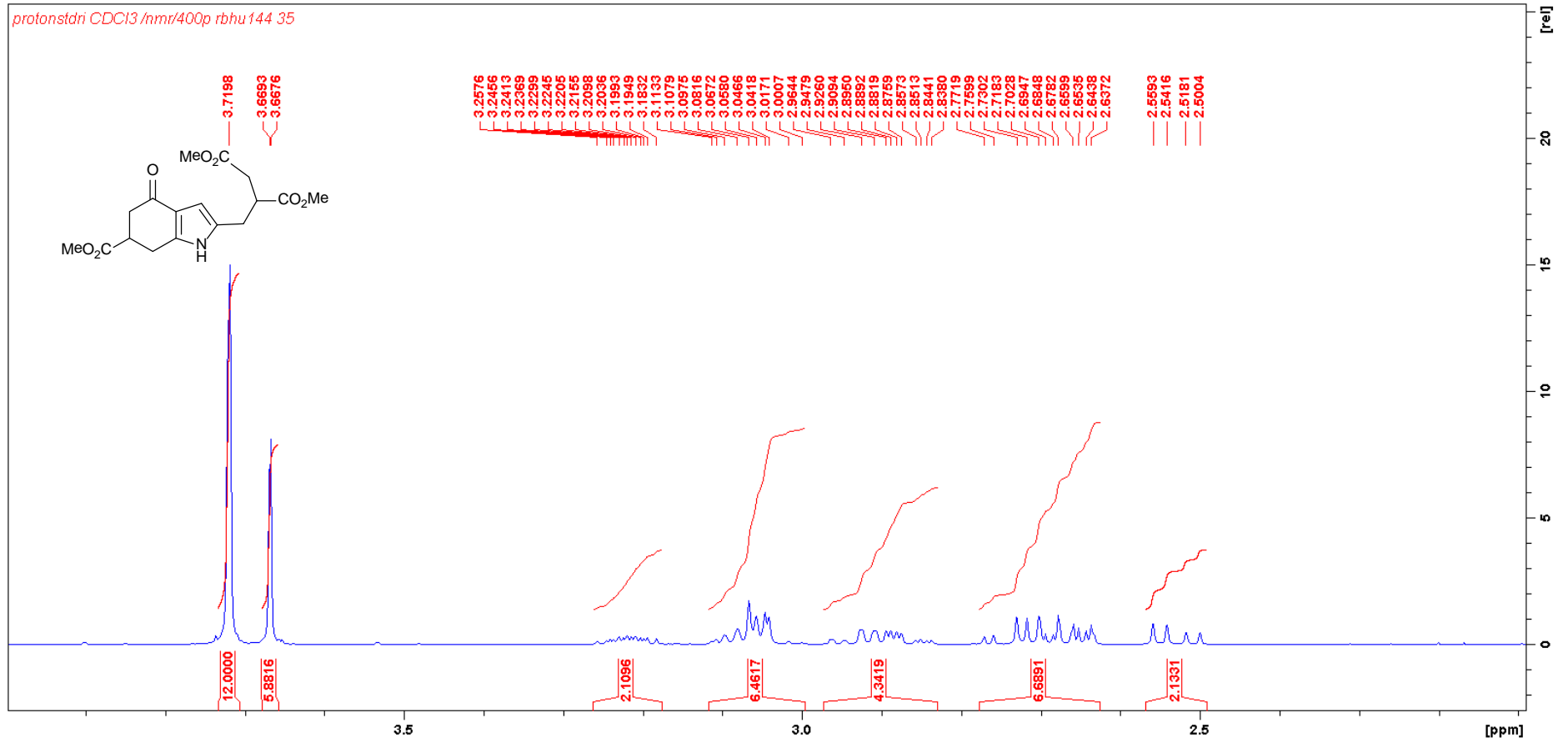
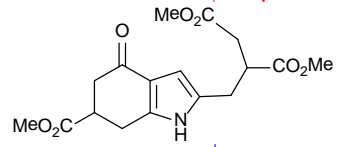




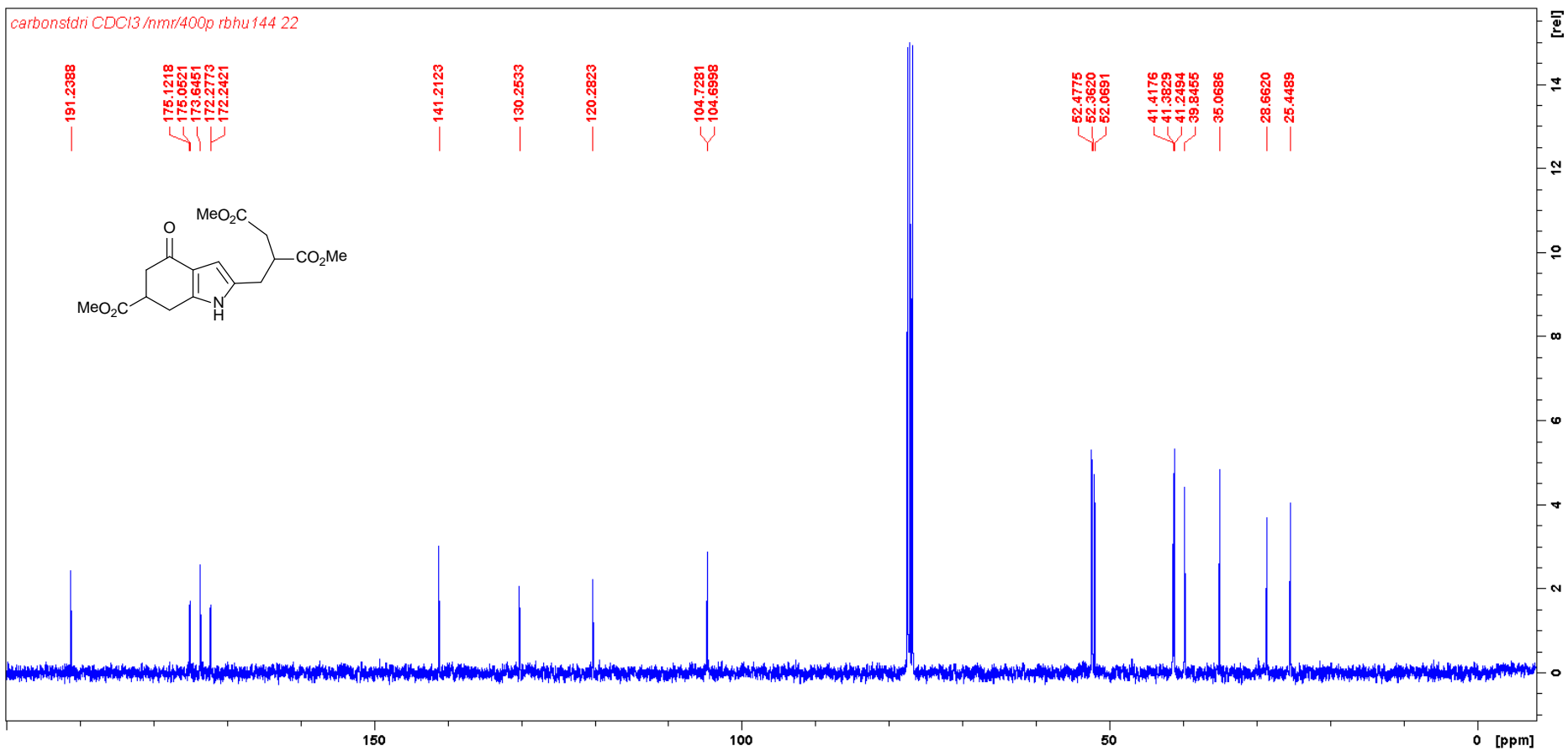
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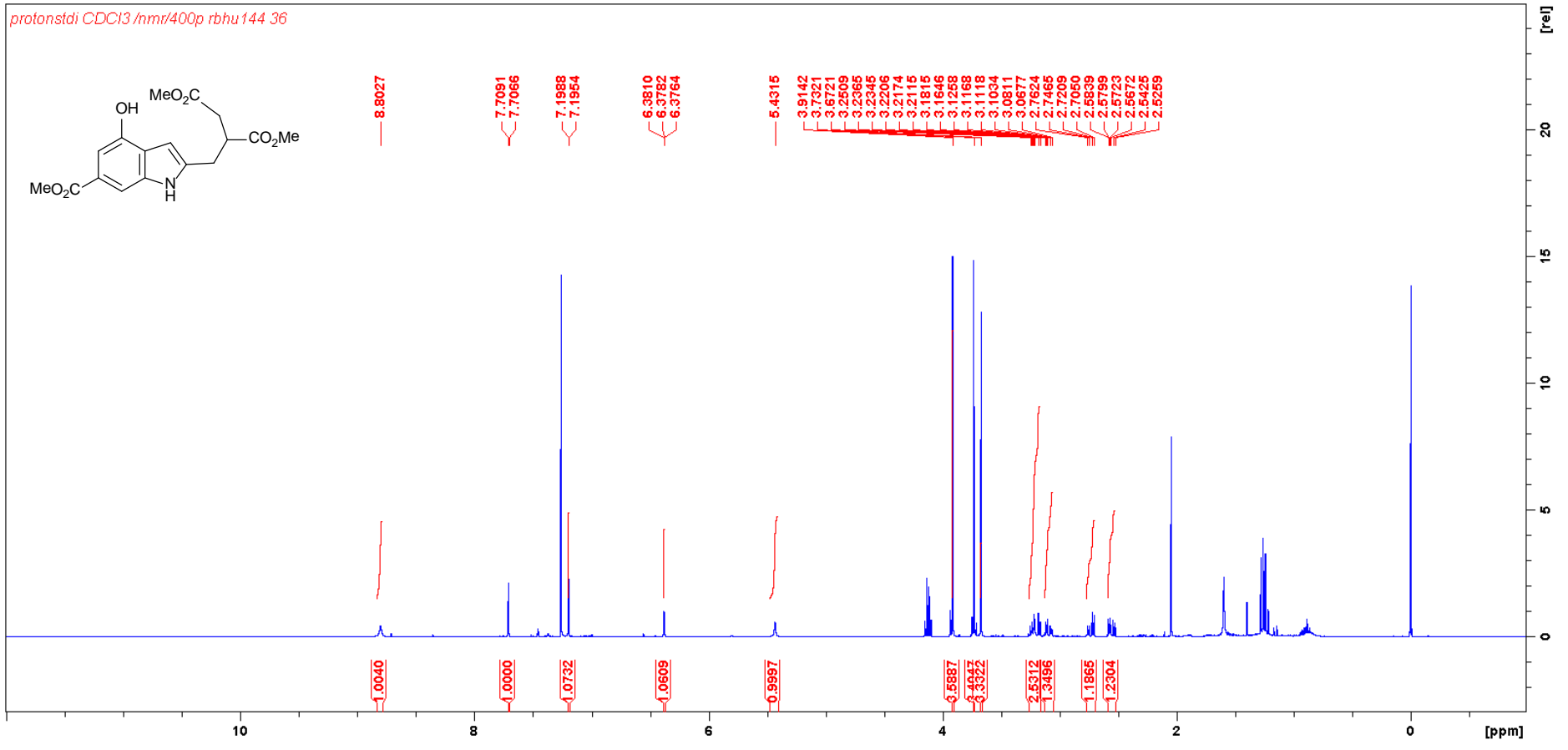
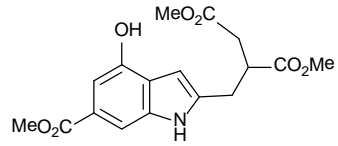
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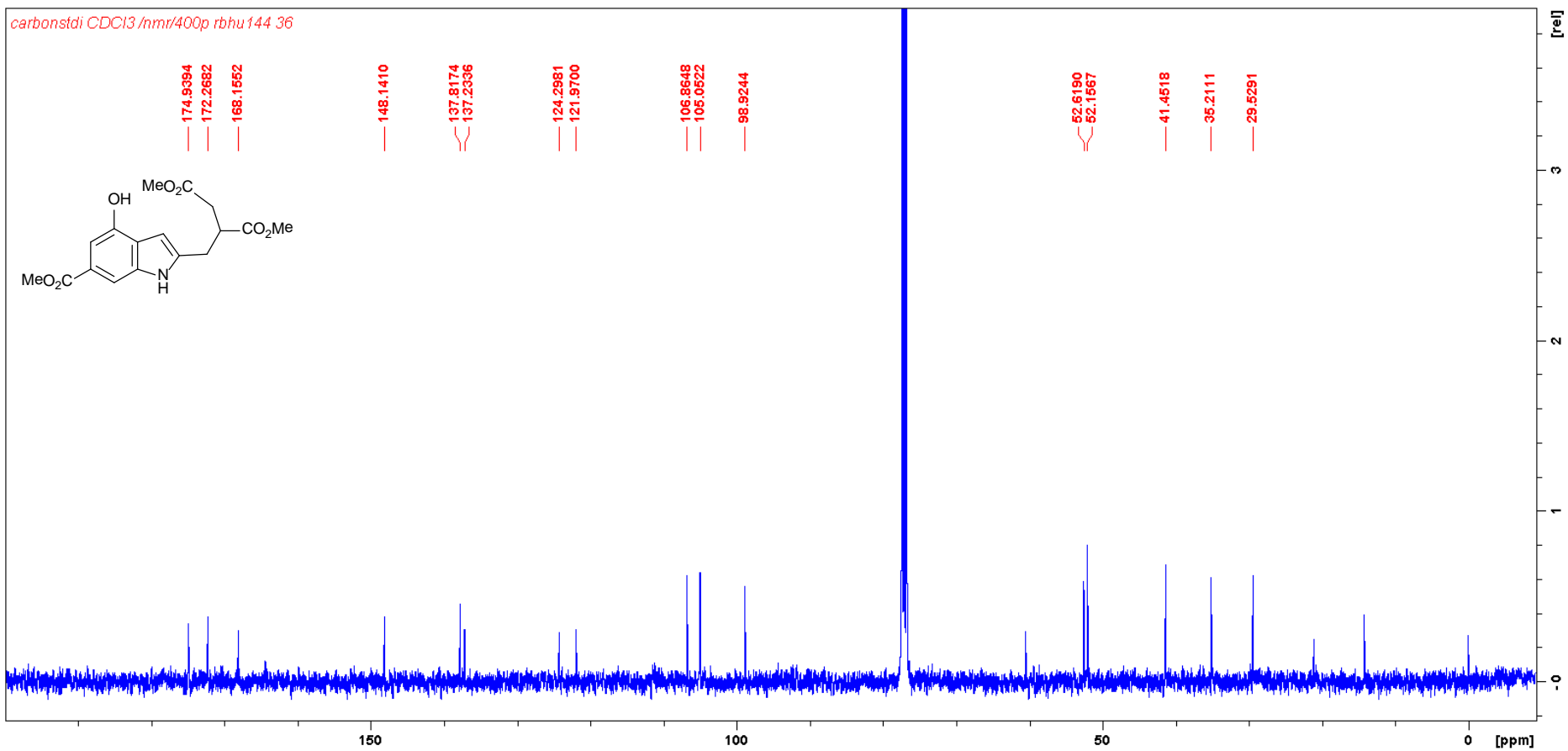
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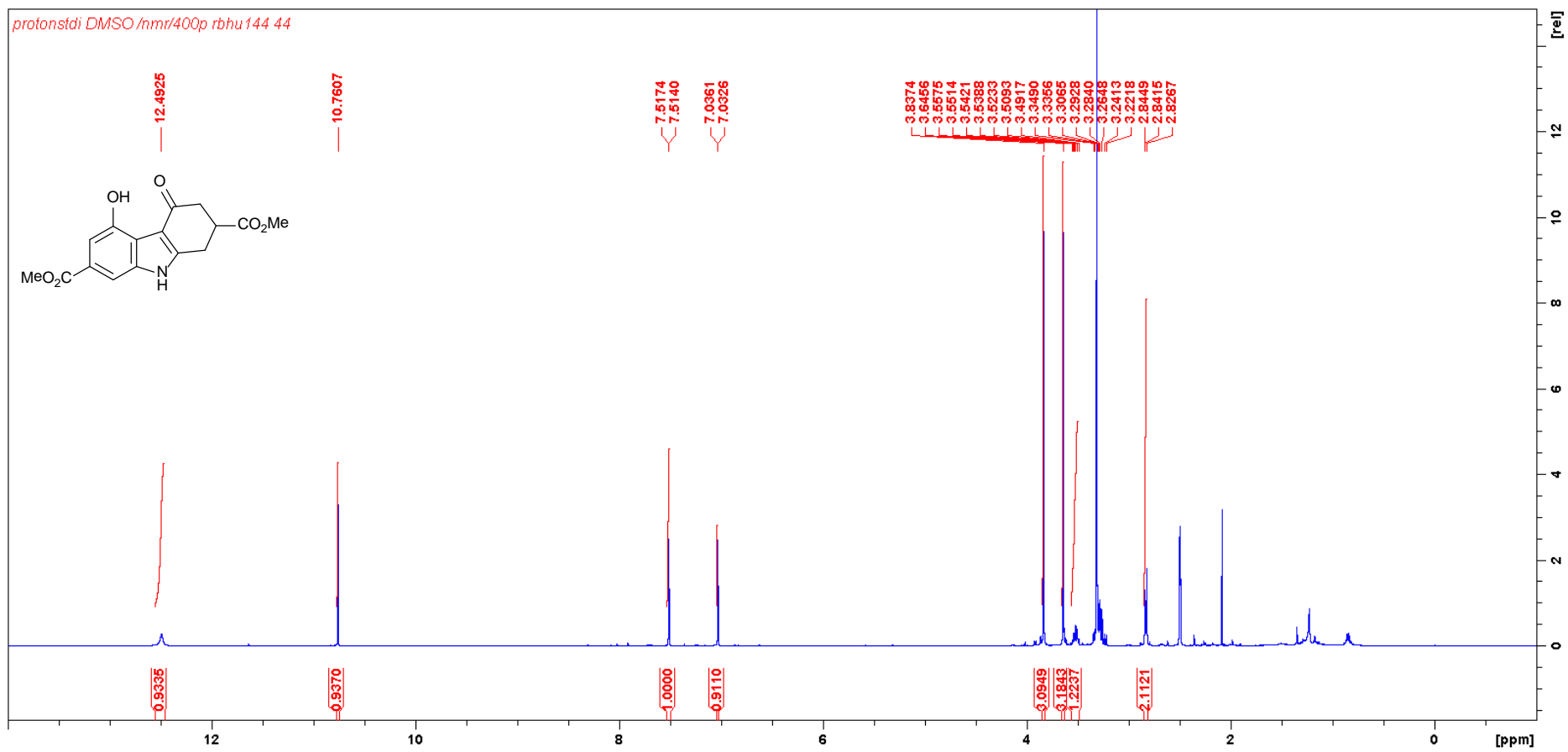
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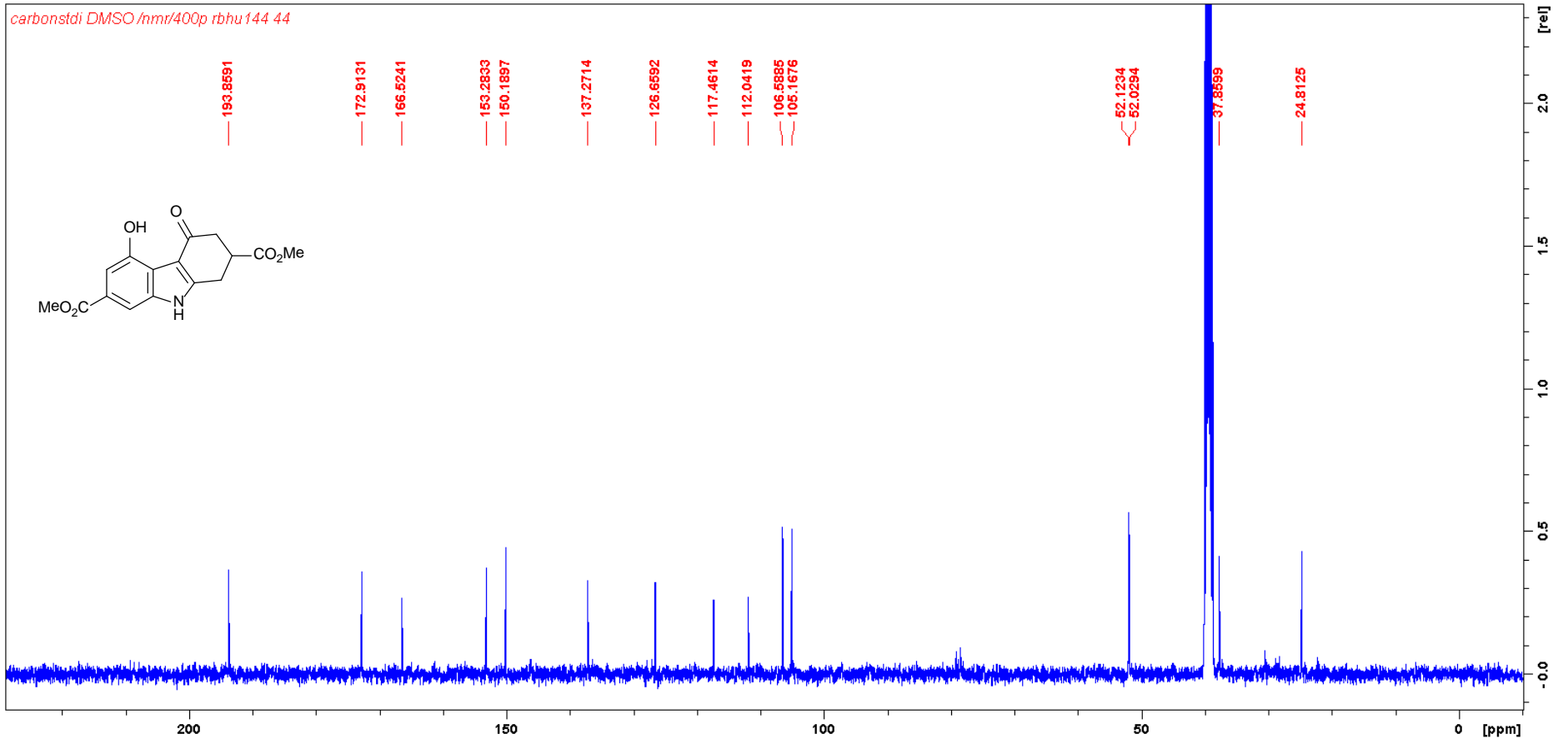
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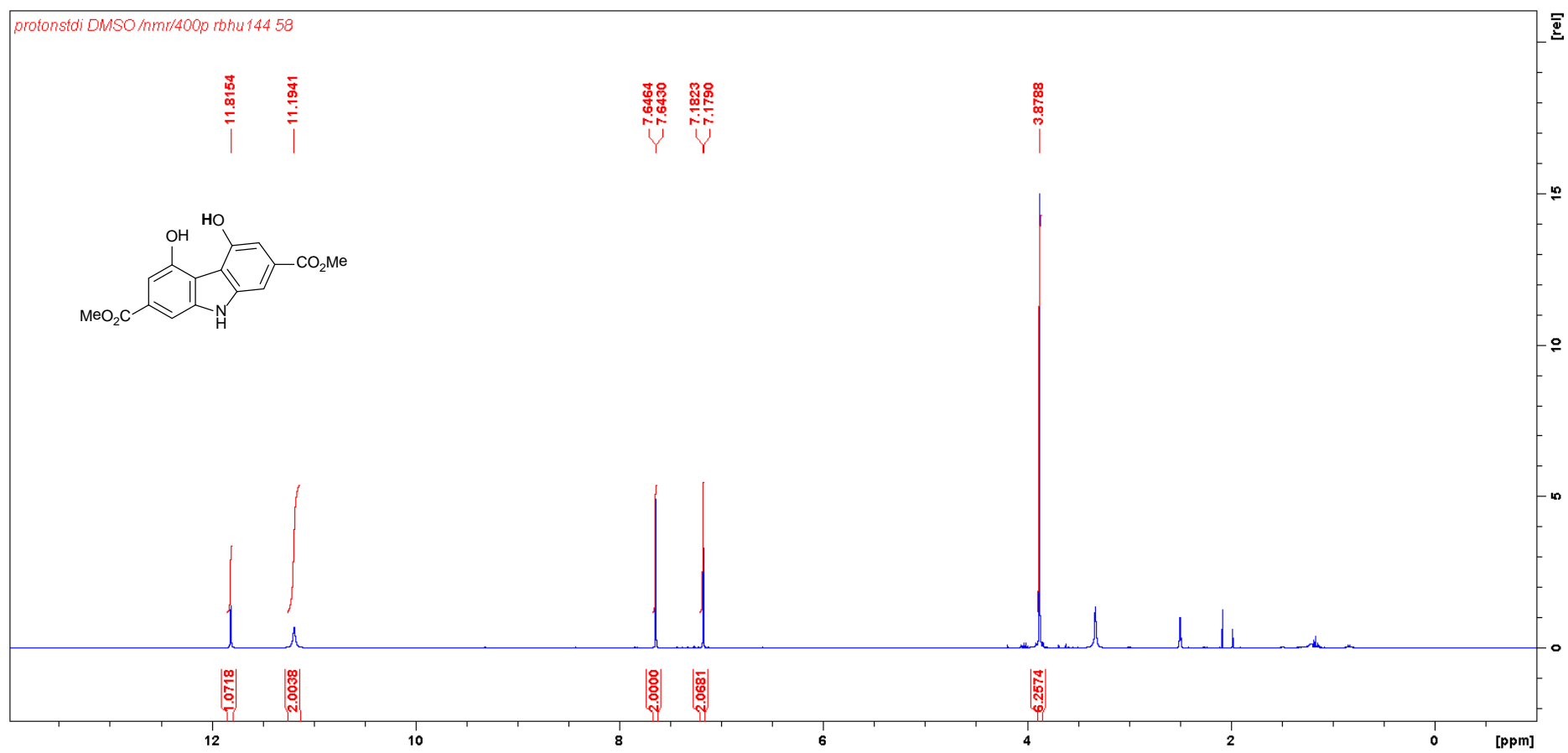
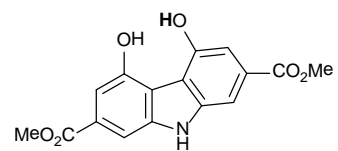
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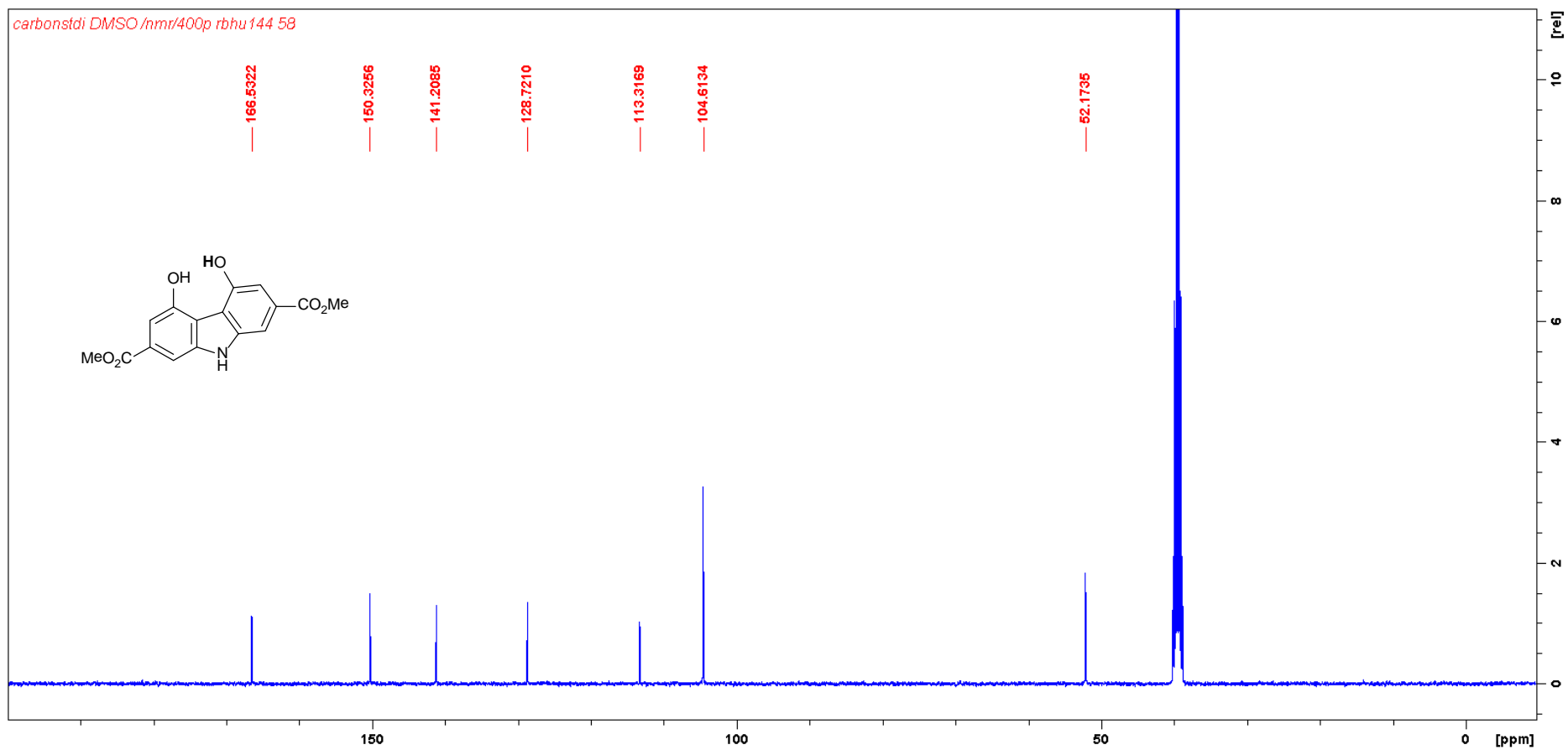
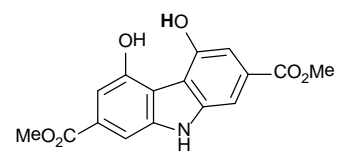
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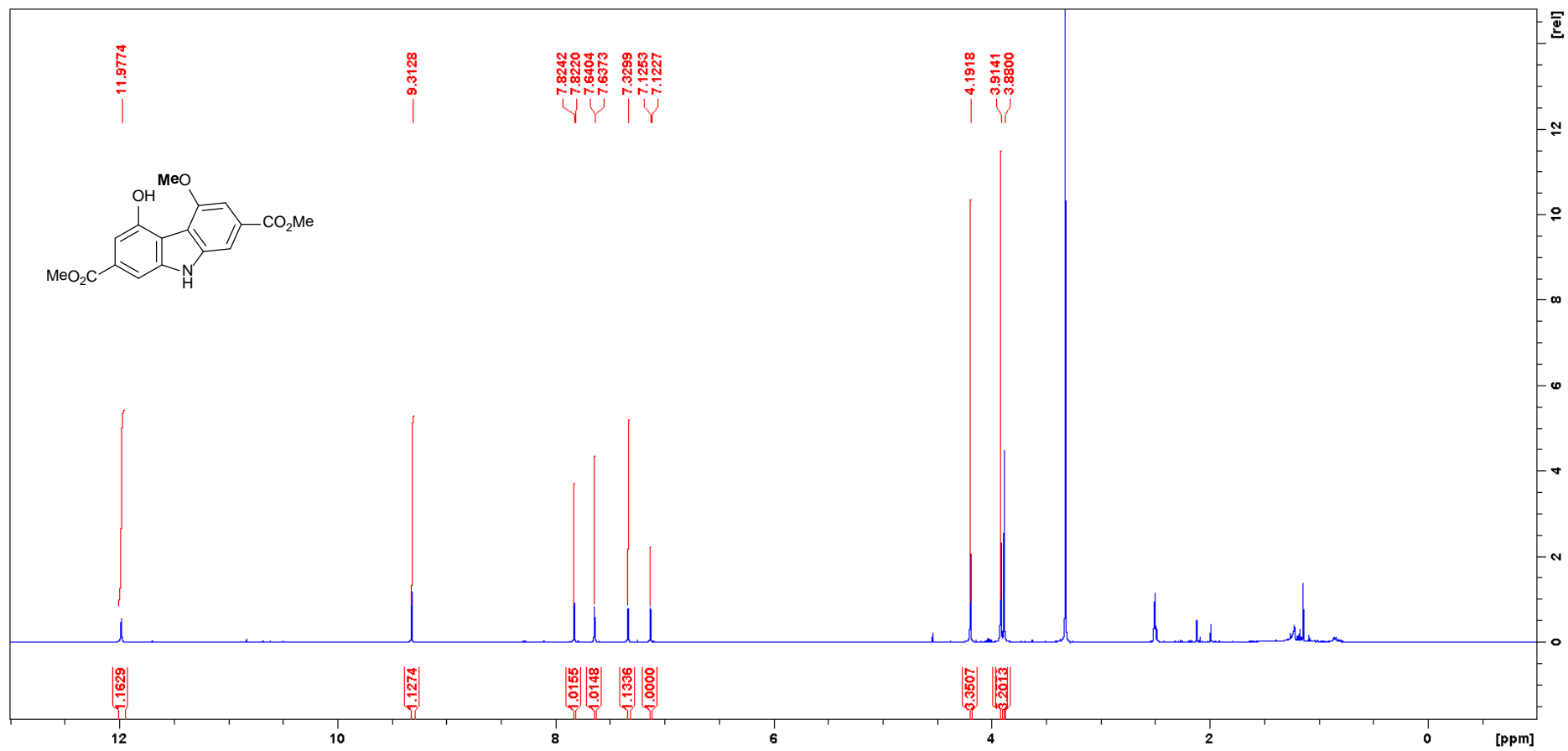


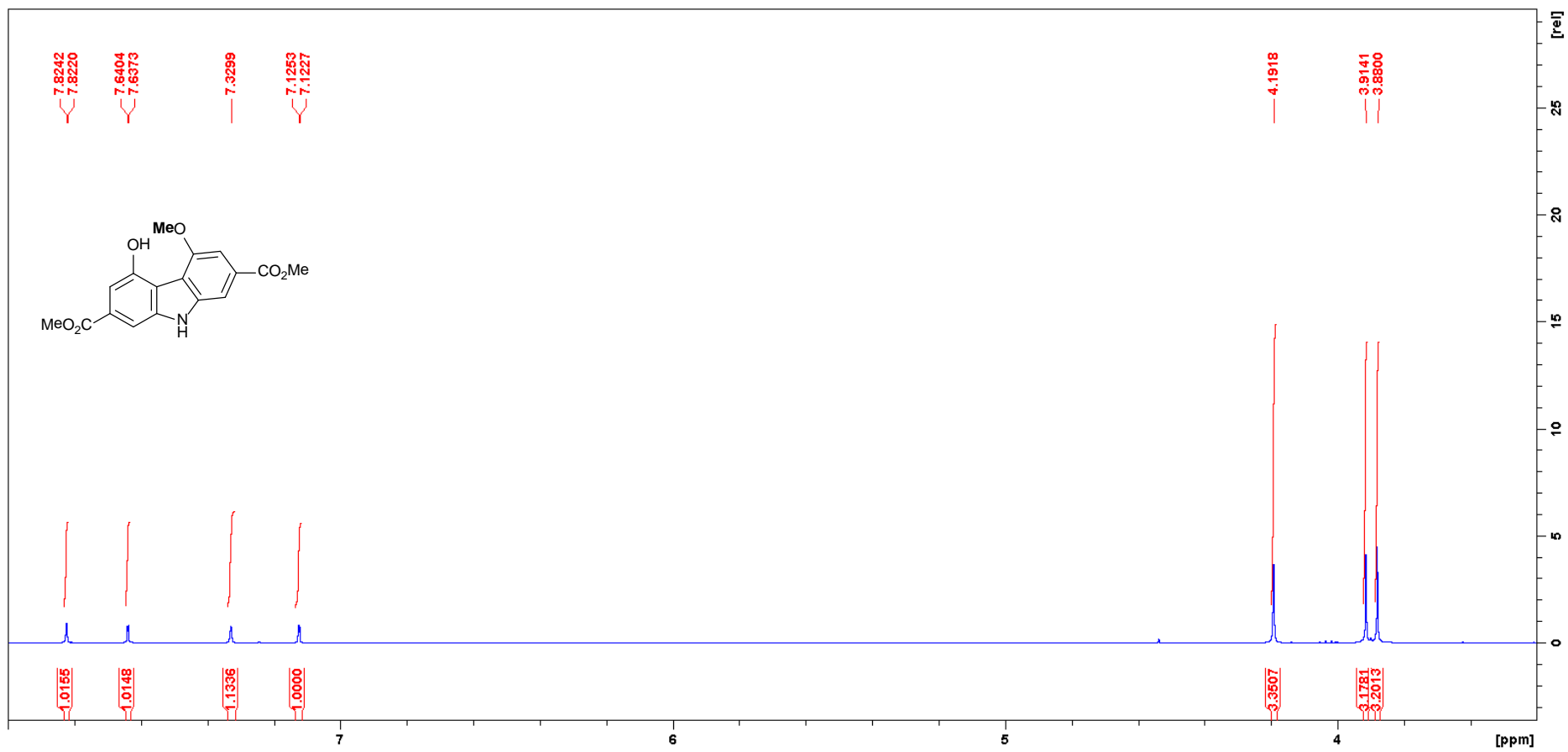
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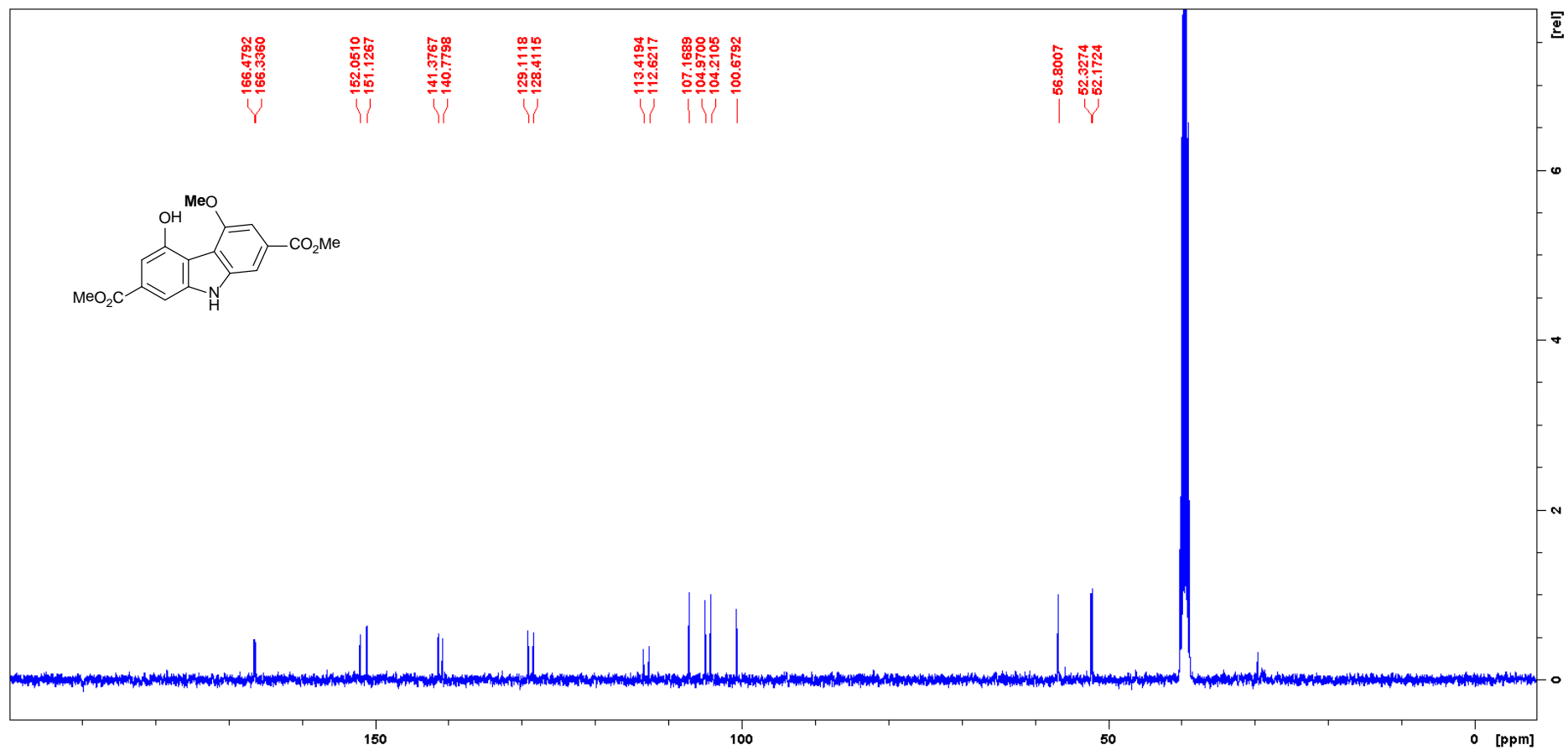


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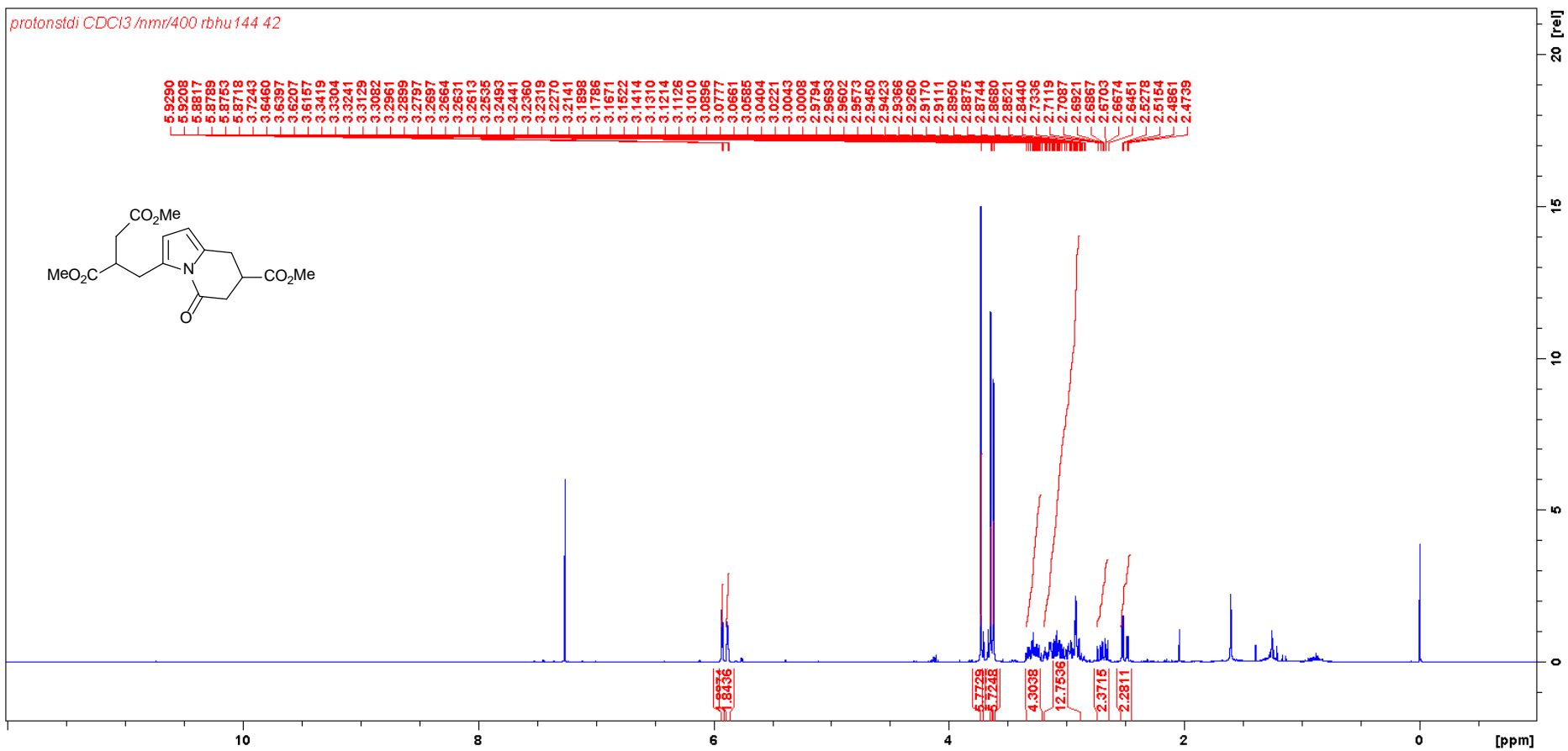
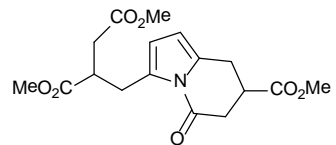




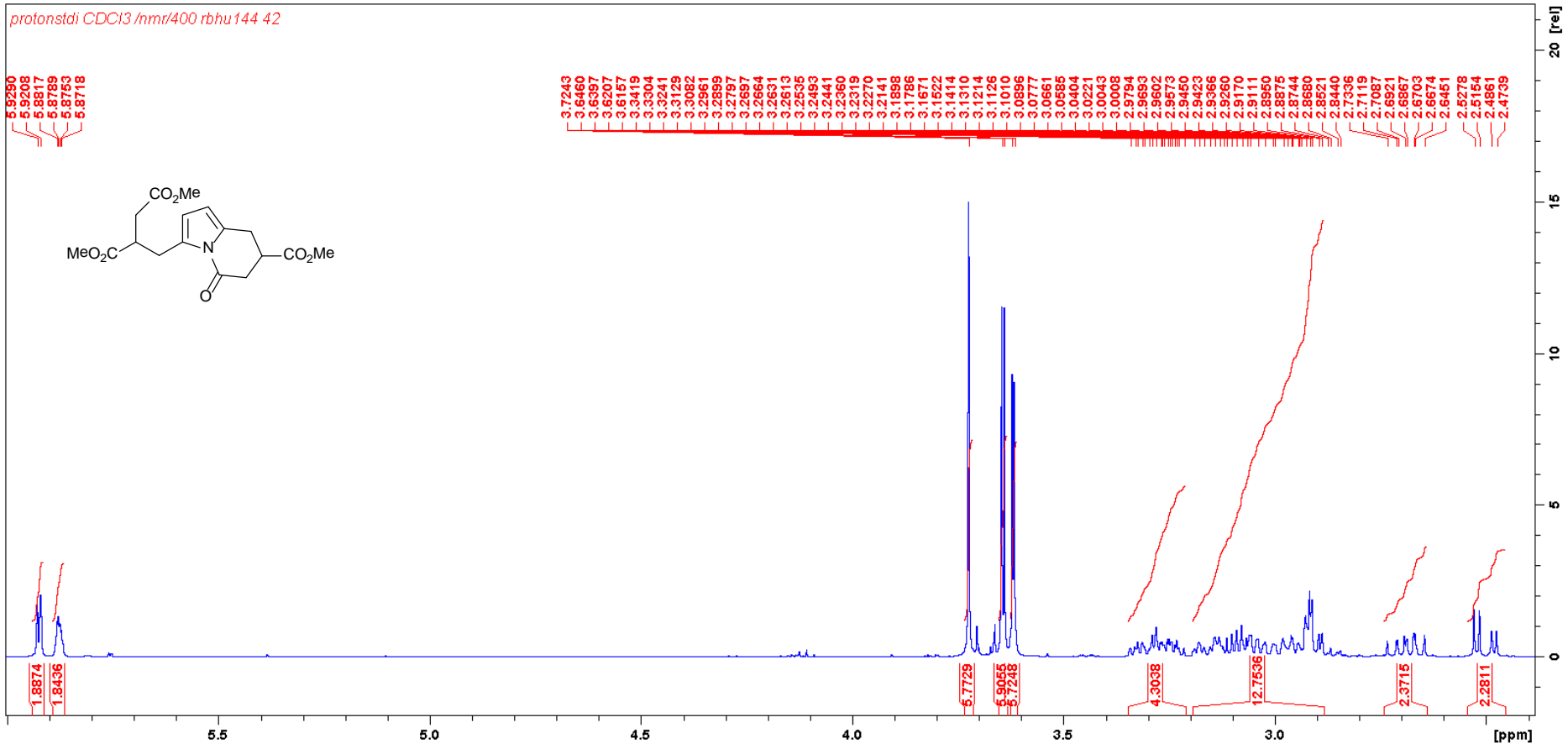




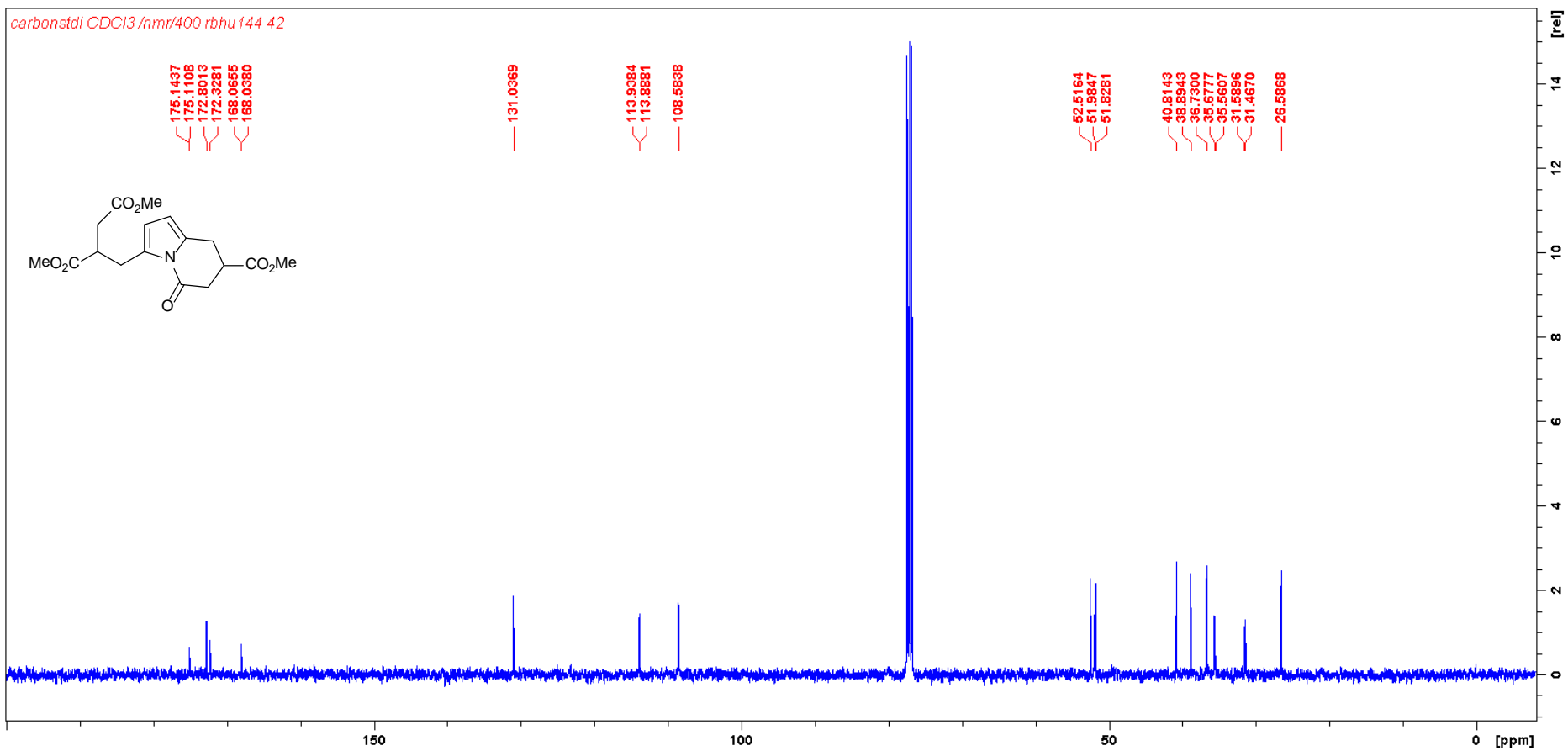
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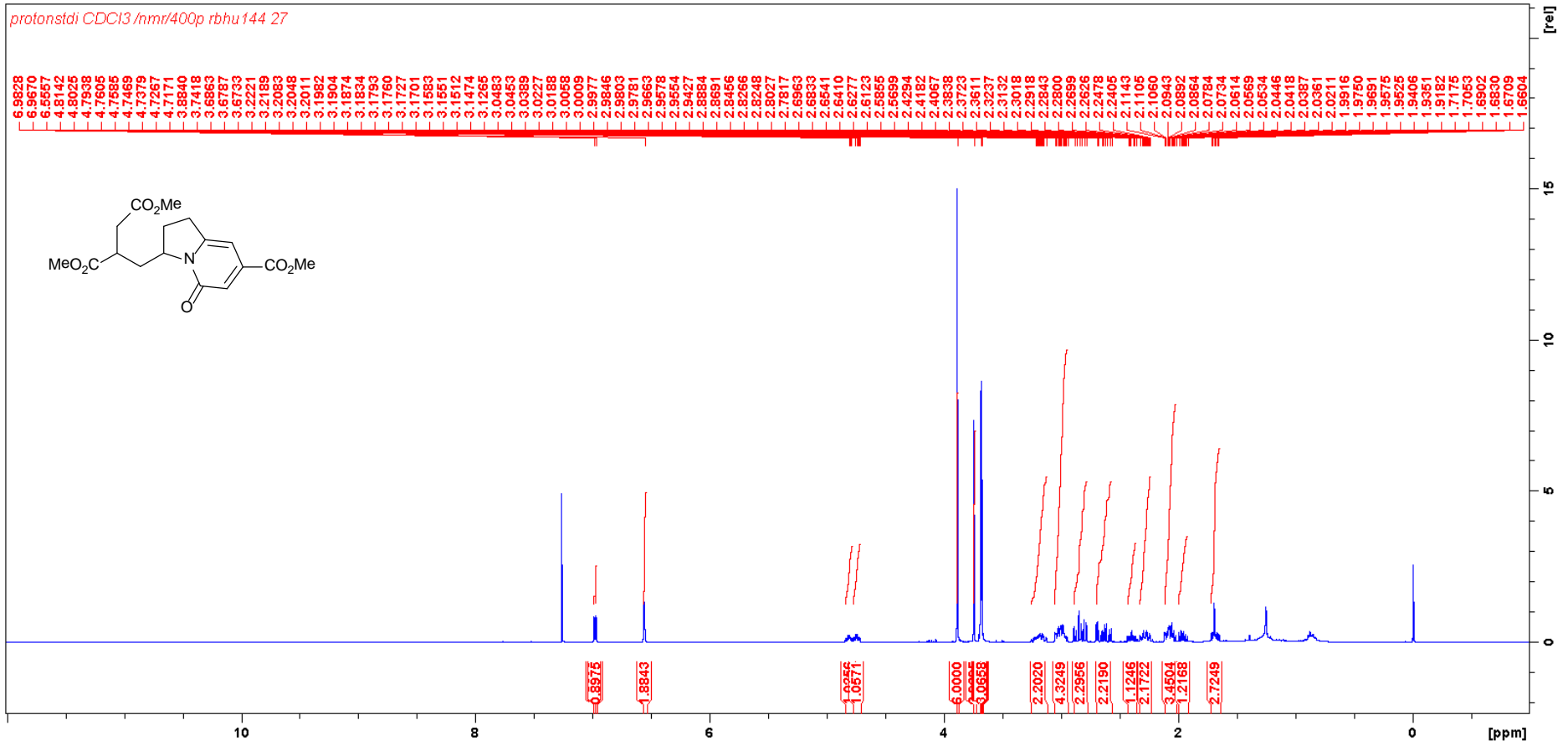
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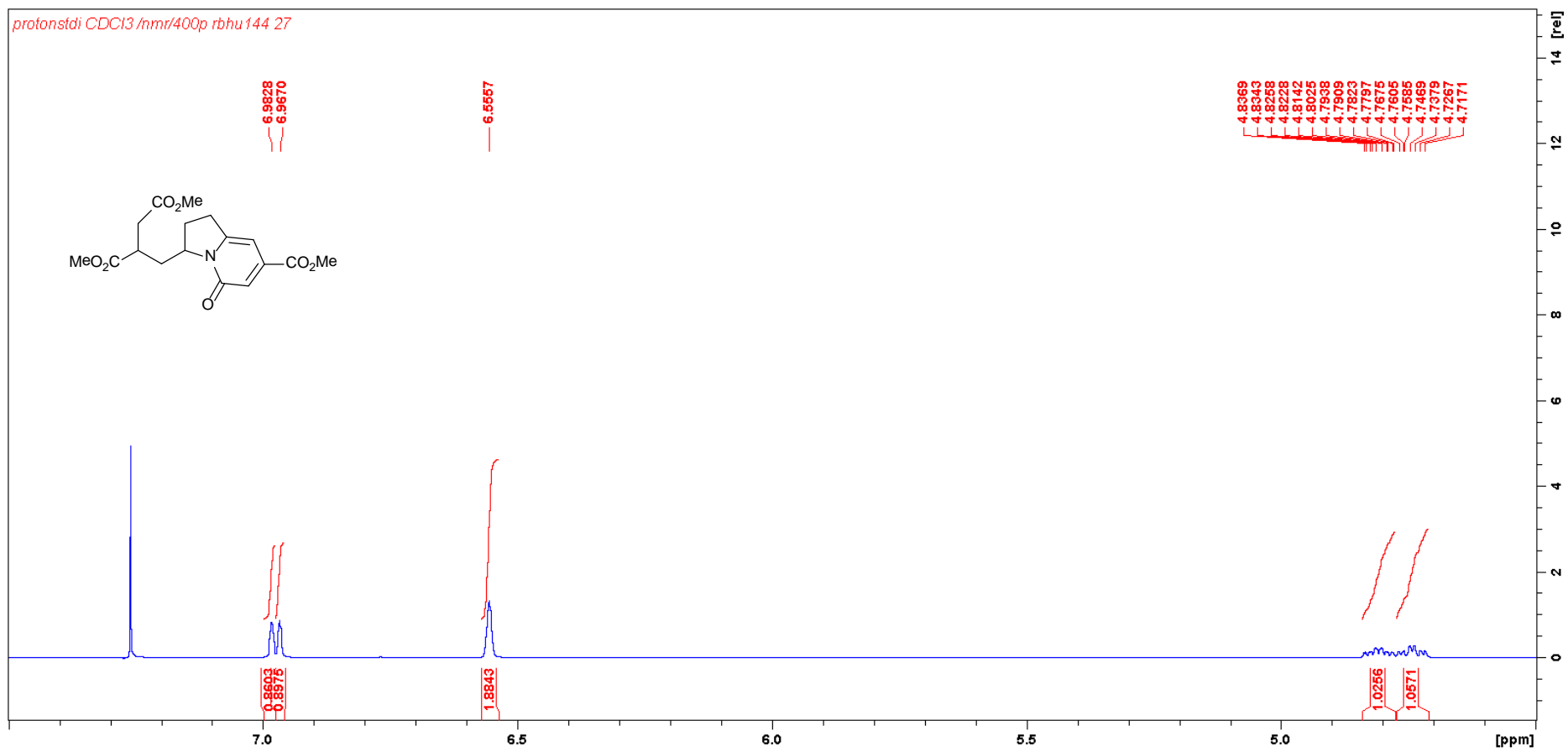
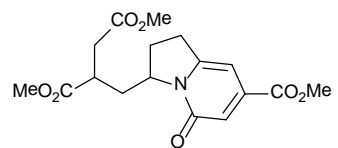
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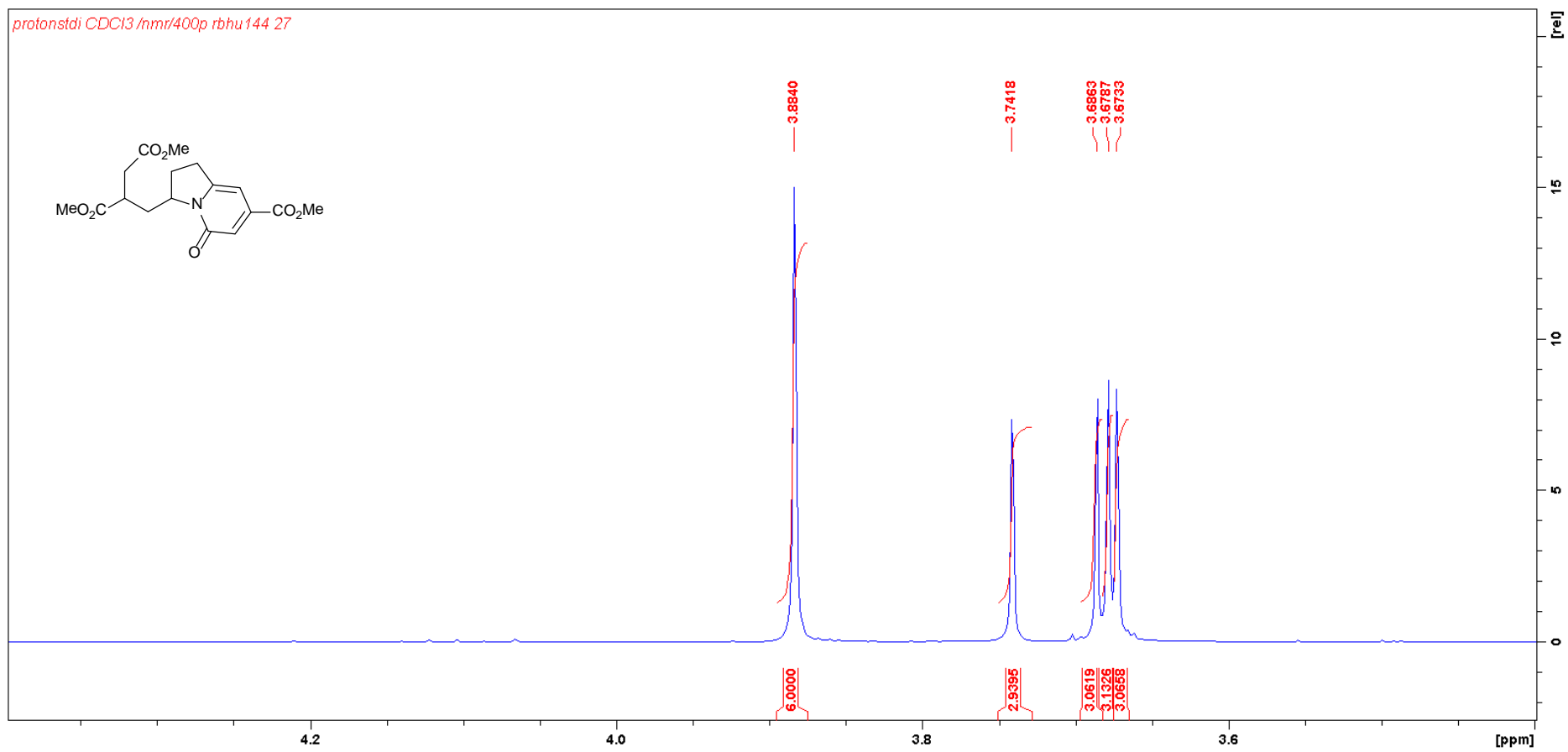
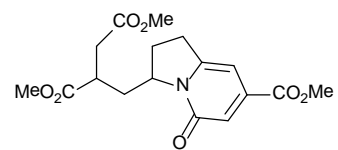
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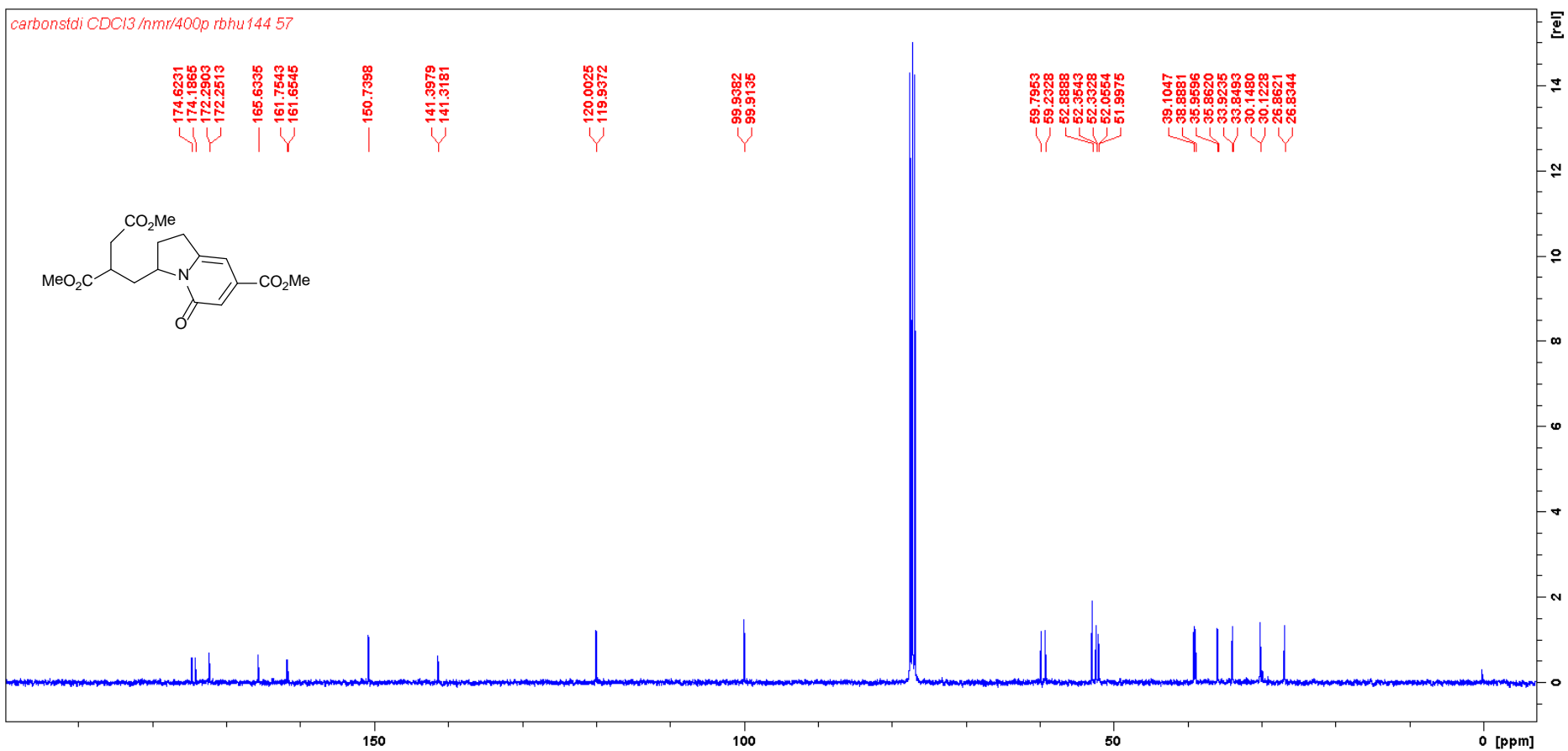
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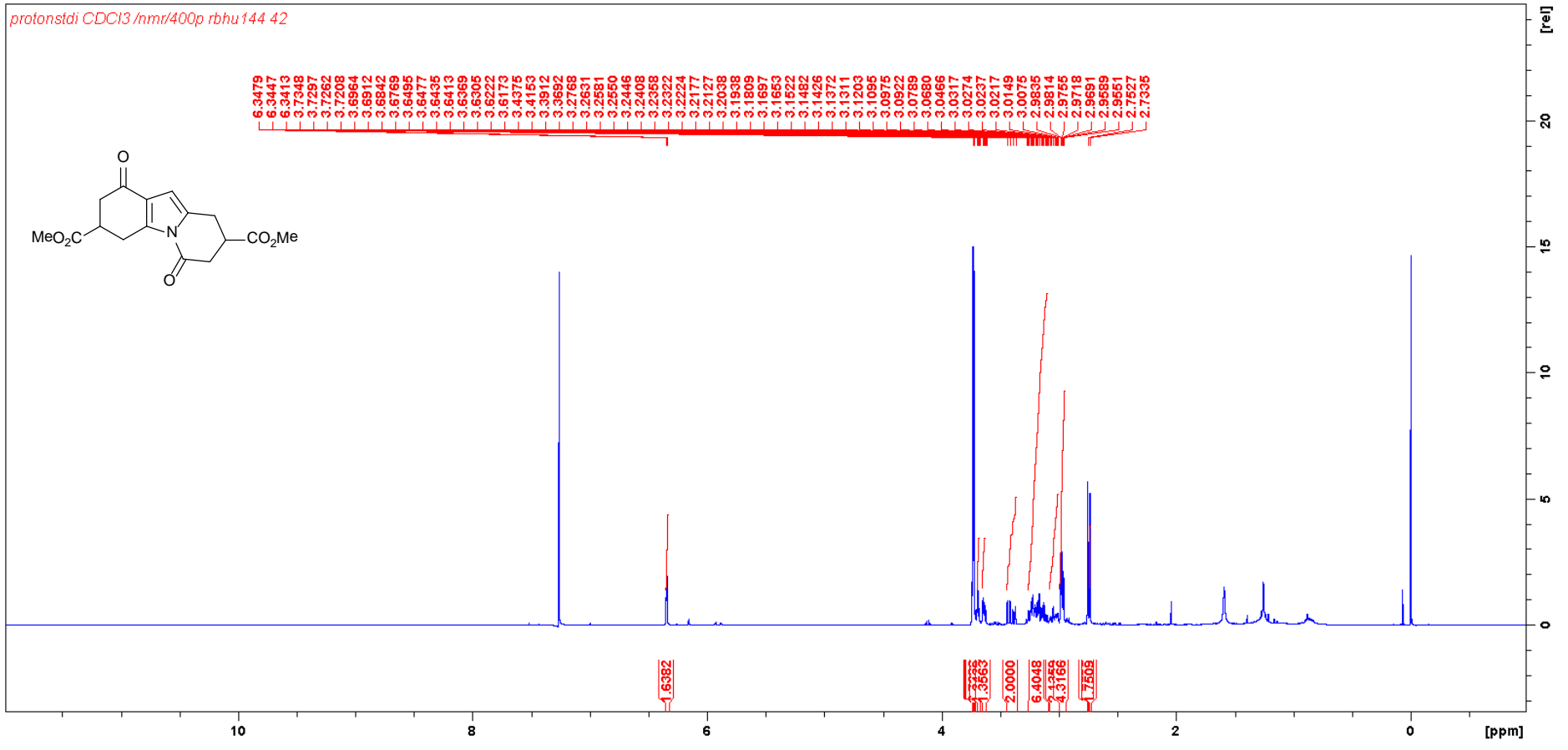
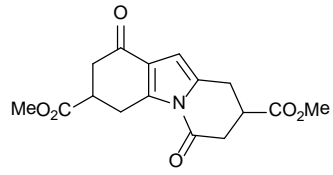
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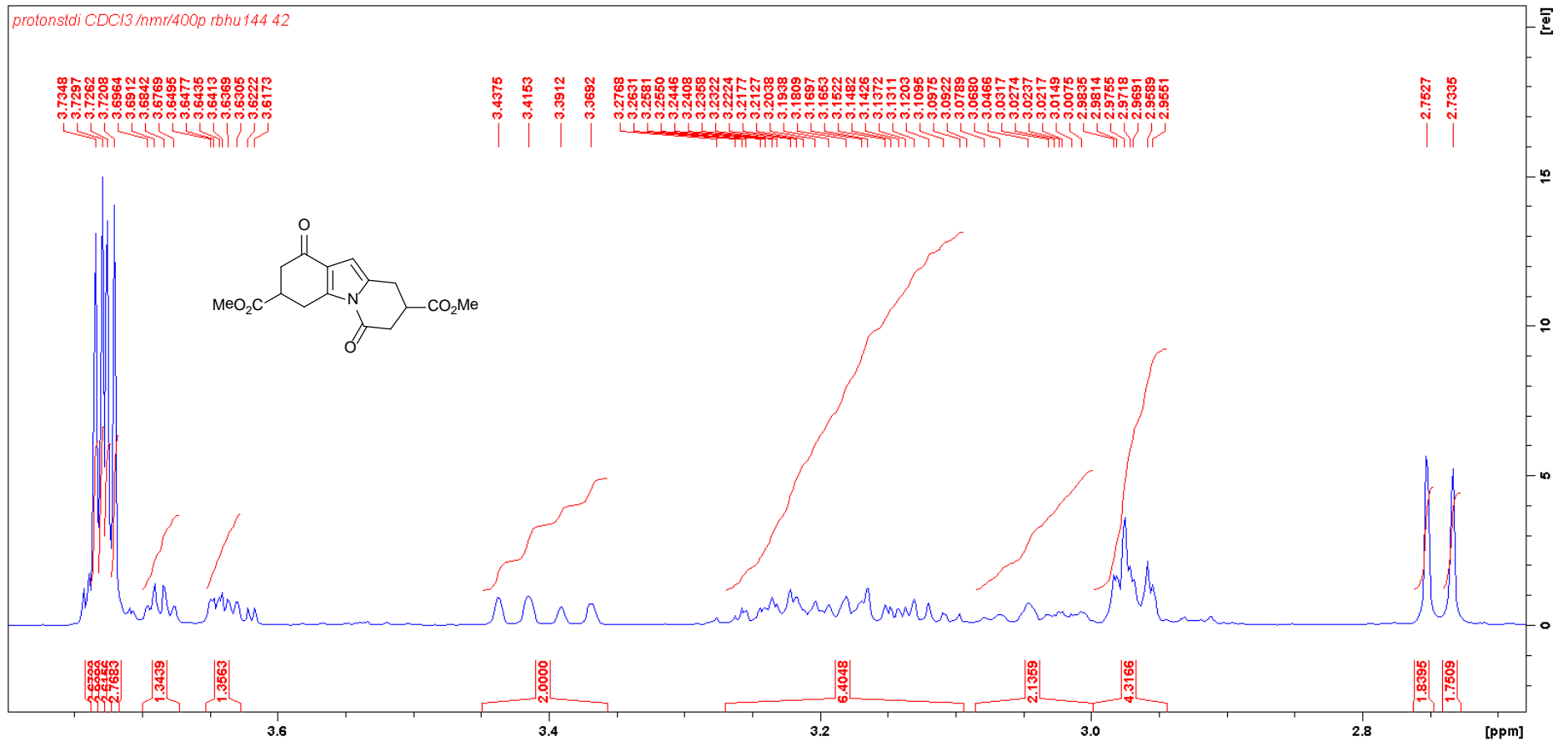
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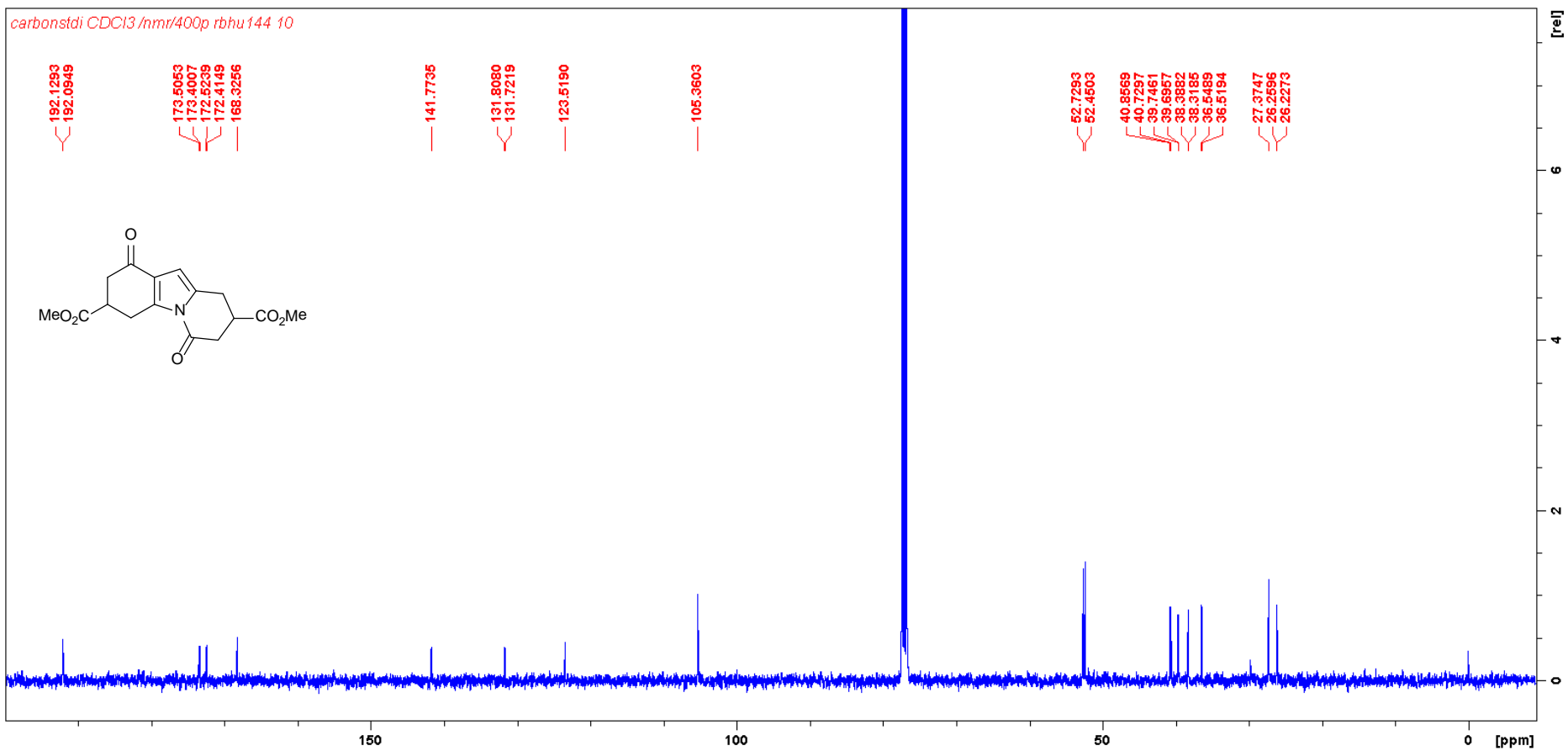
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