

Innovative bio-based organic UVA & blue light filters from Meldrum's acid

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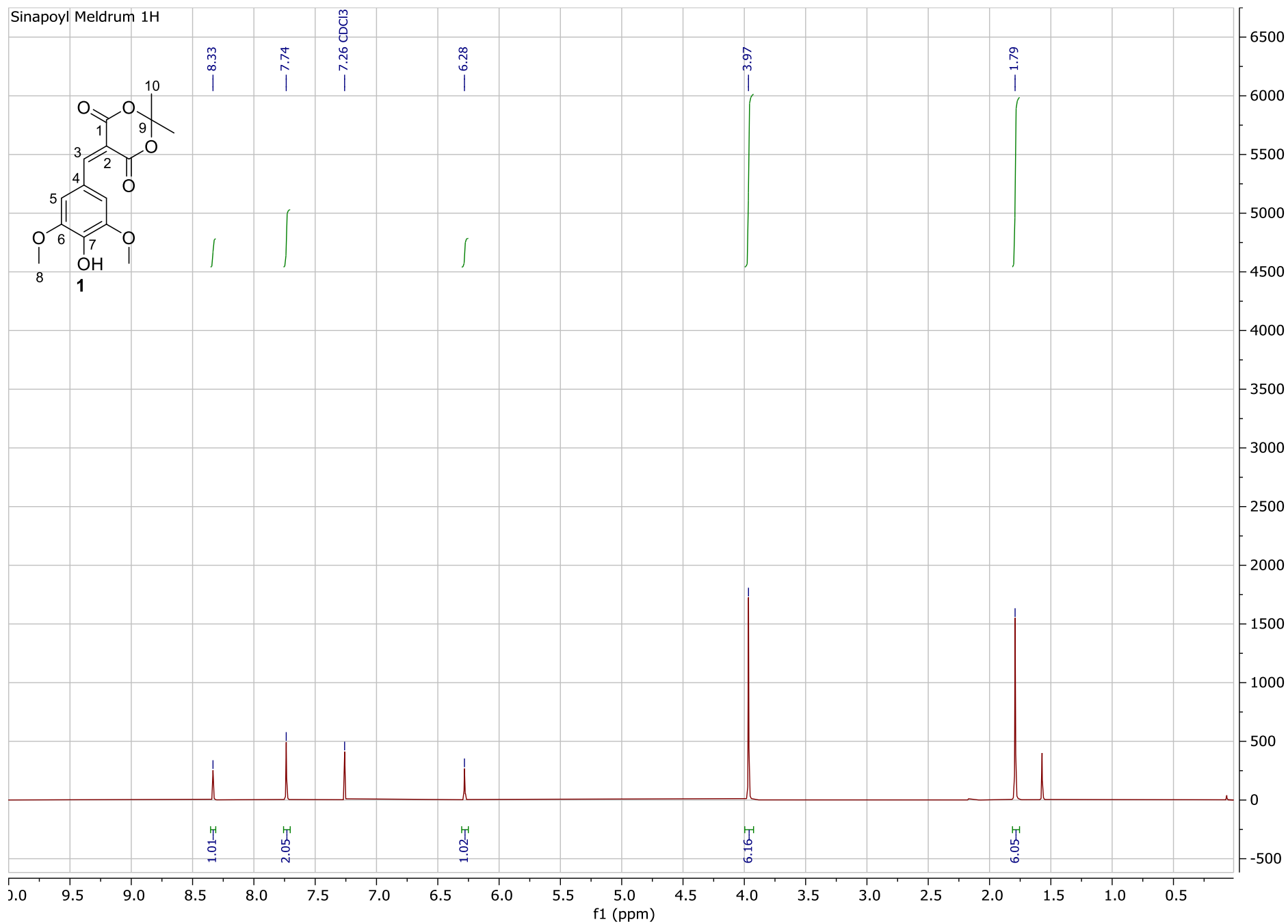
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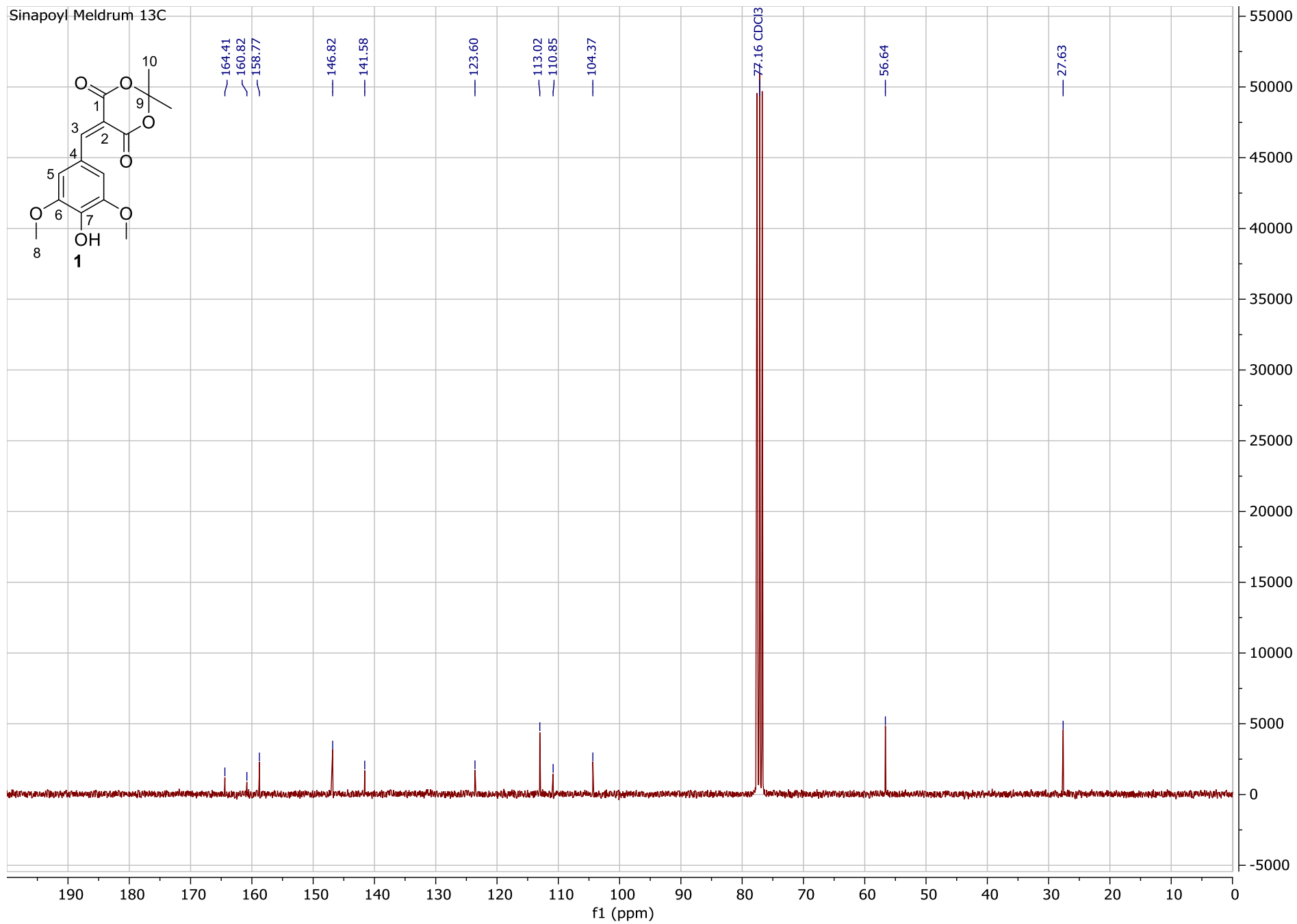
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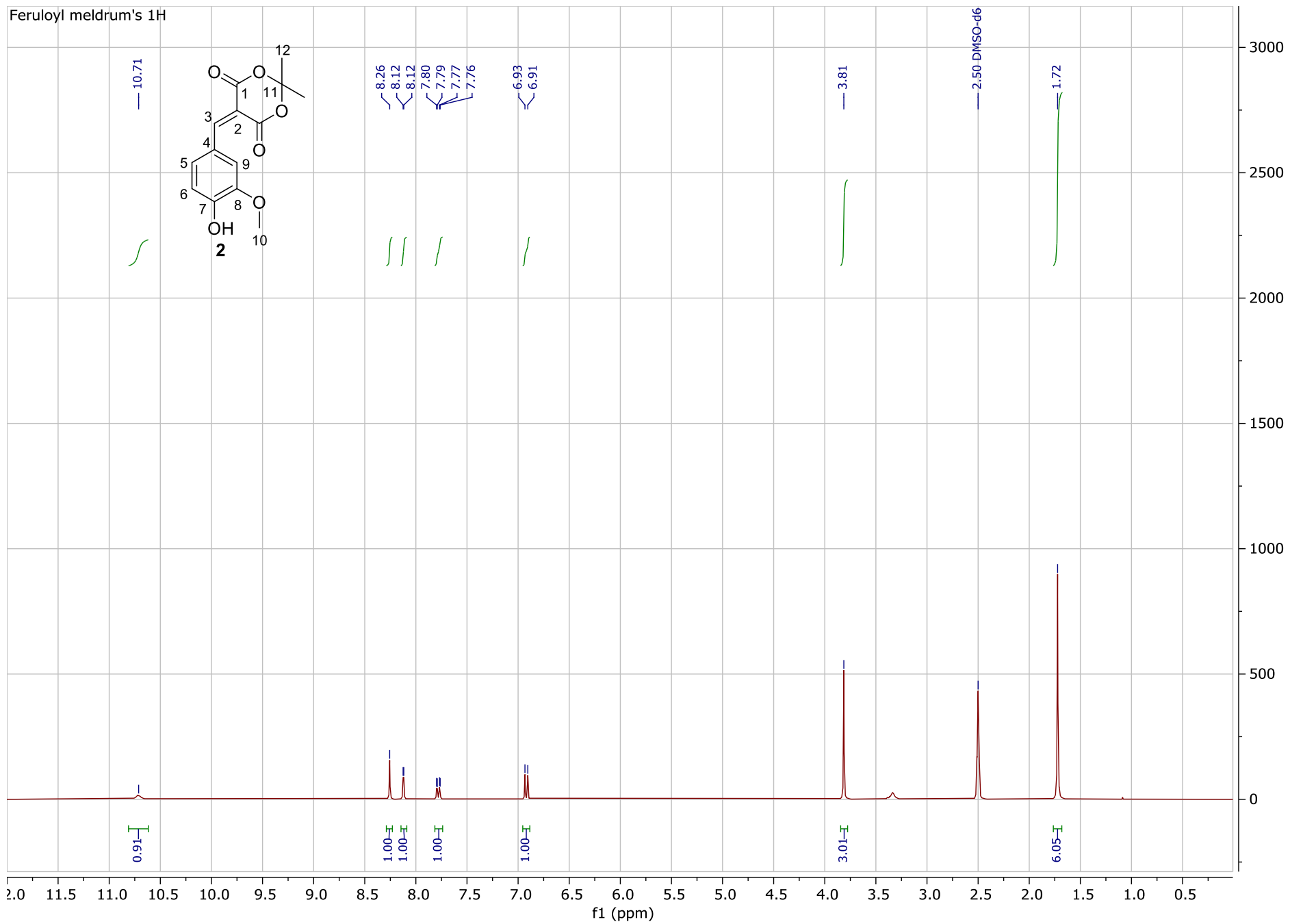
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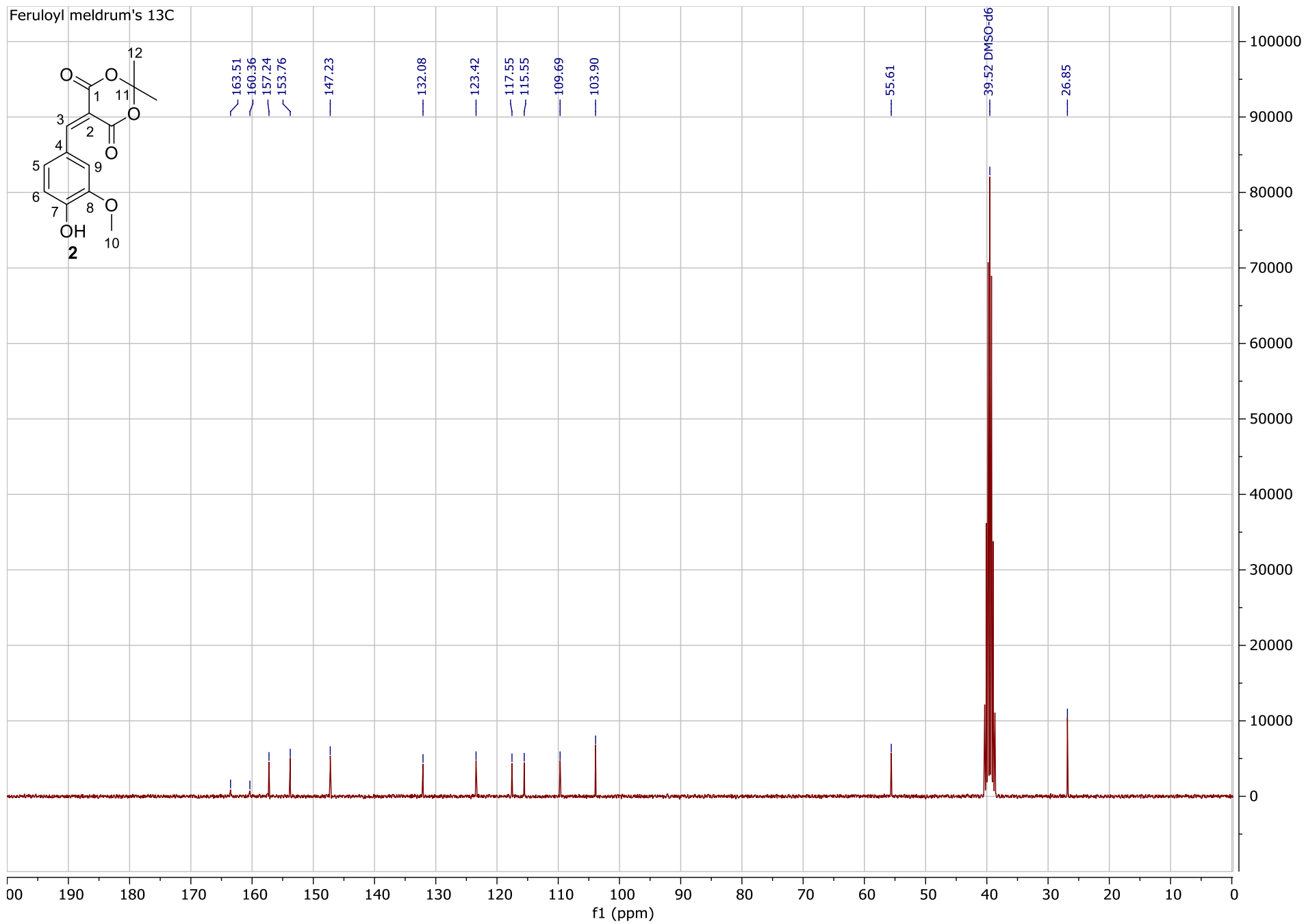
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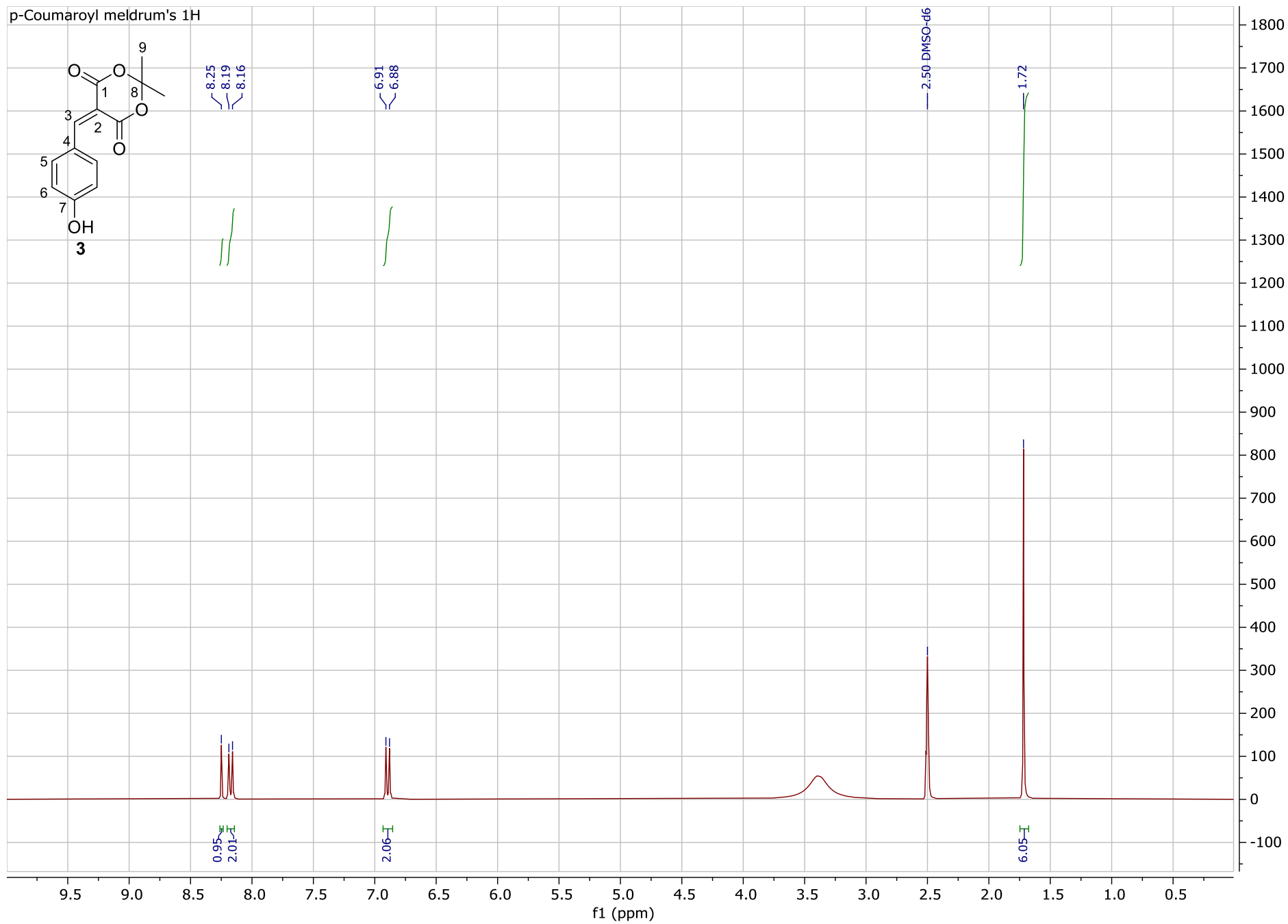
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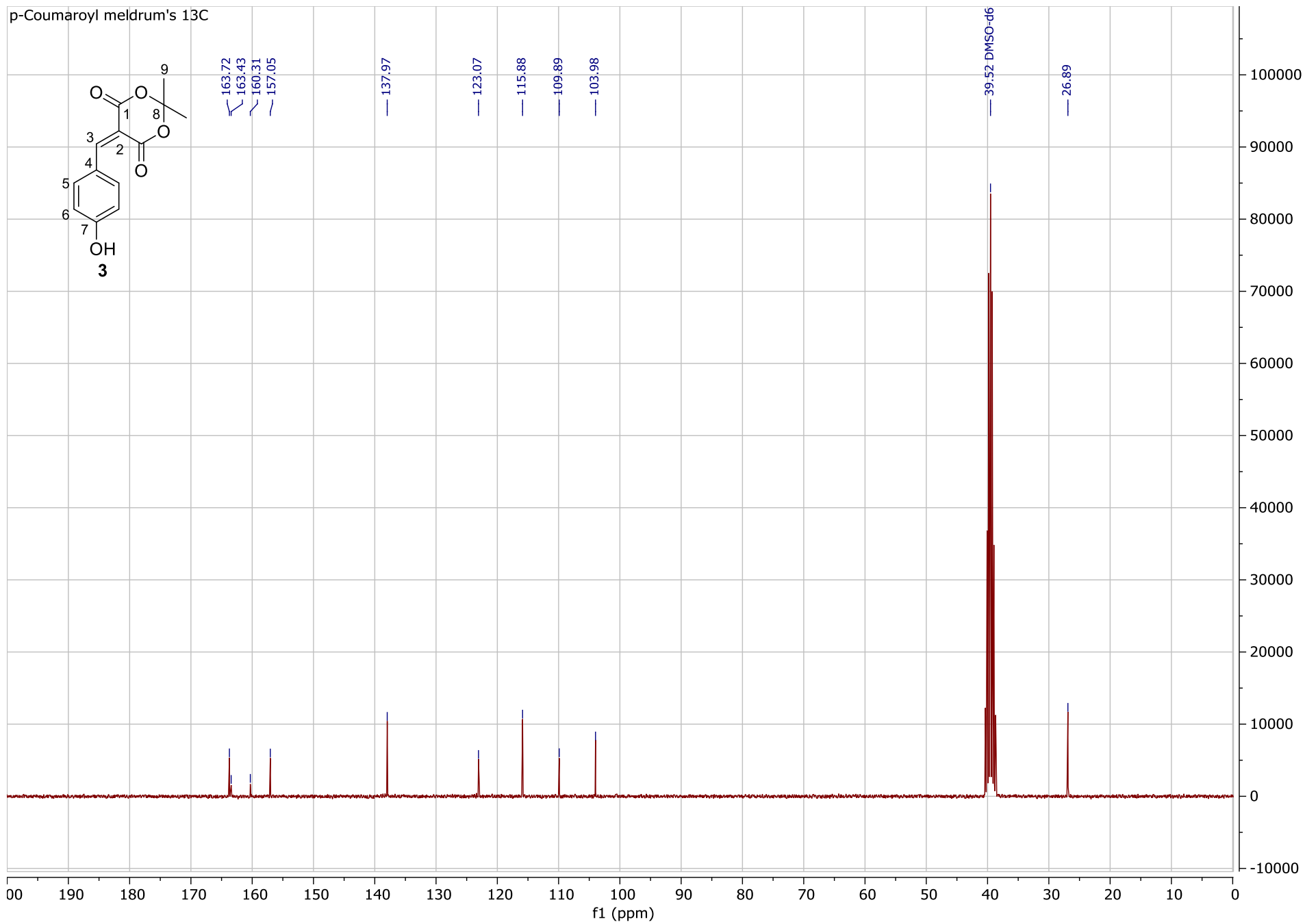
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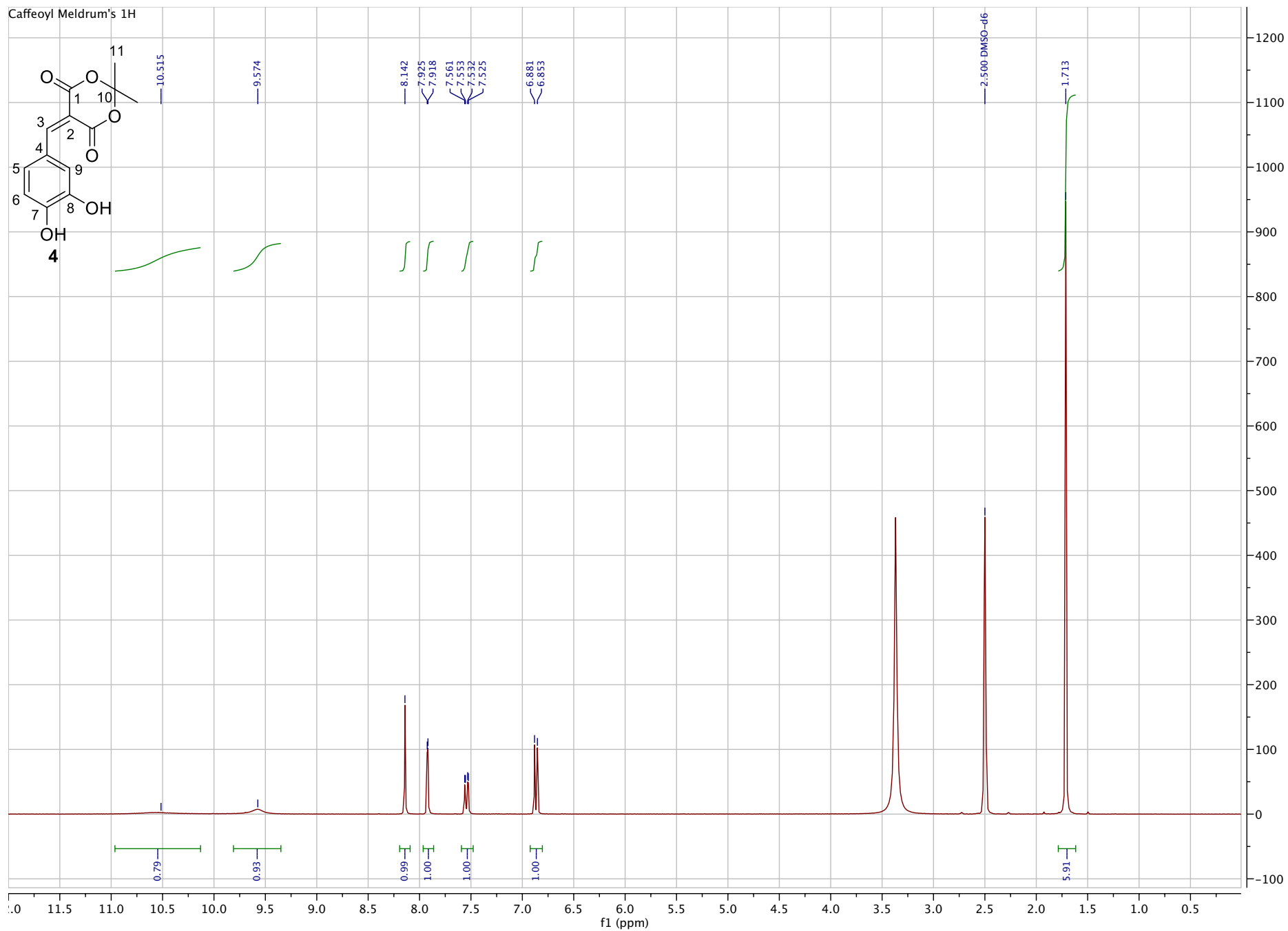
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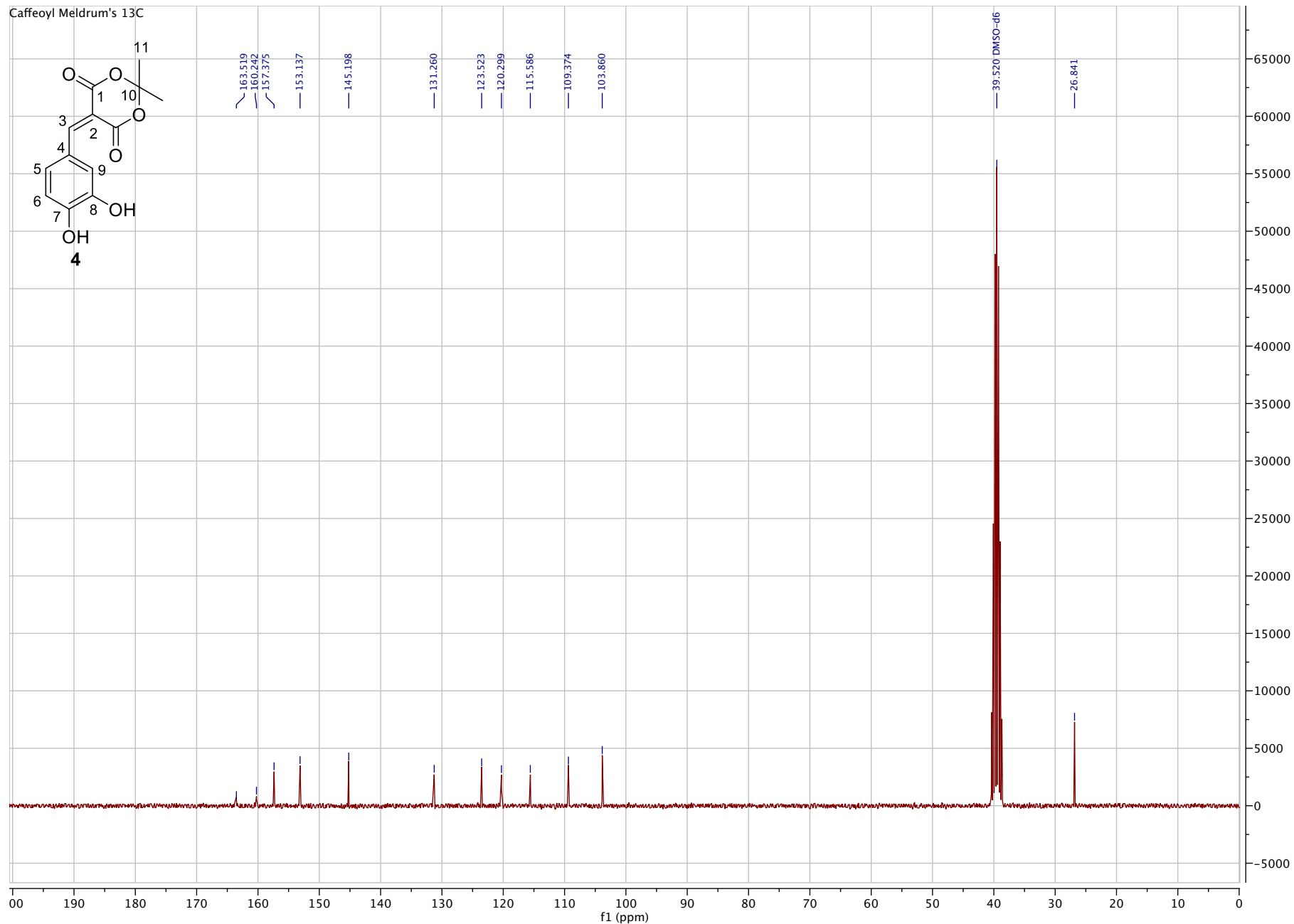
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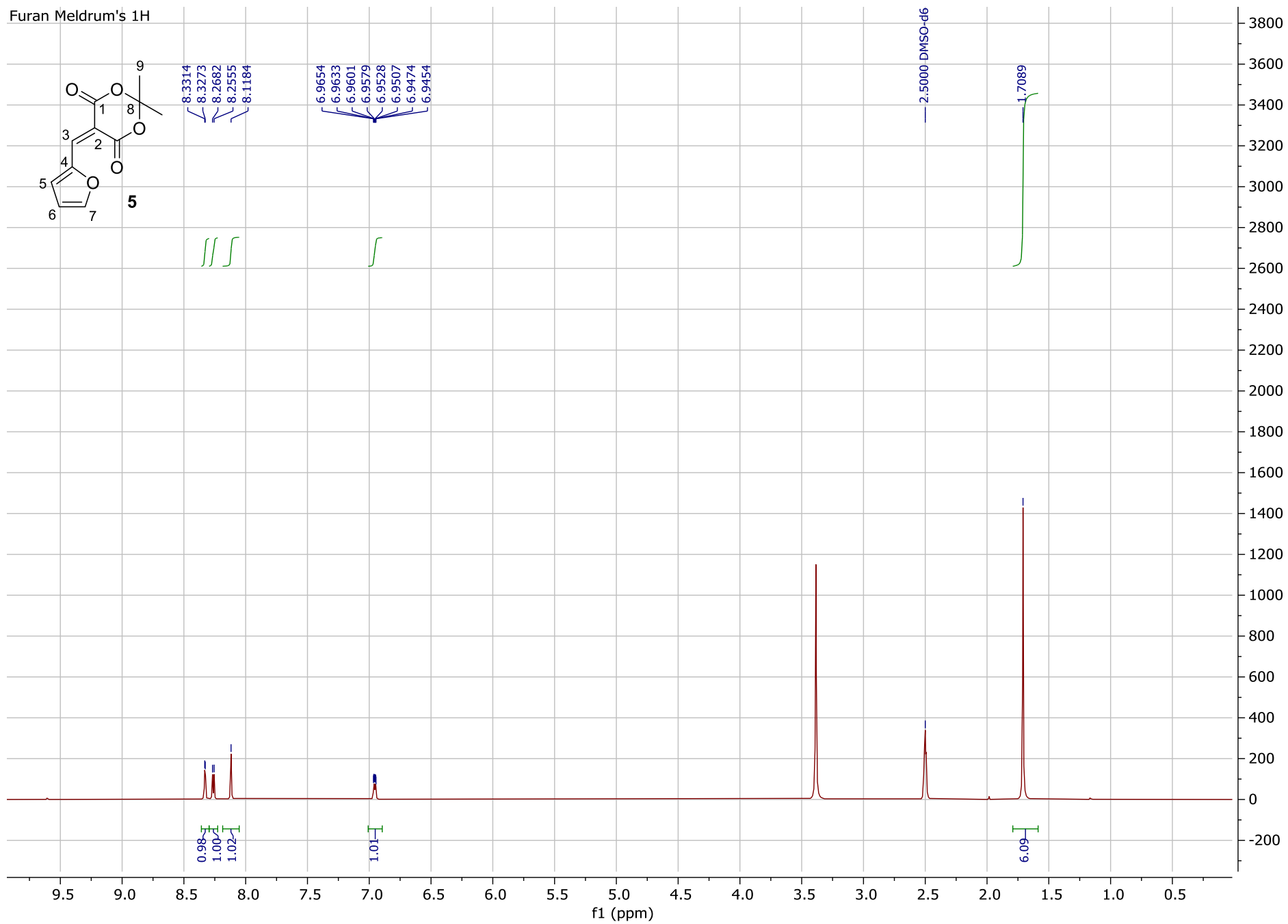
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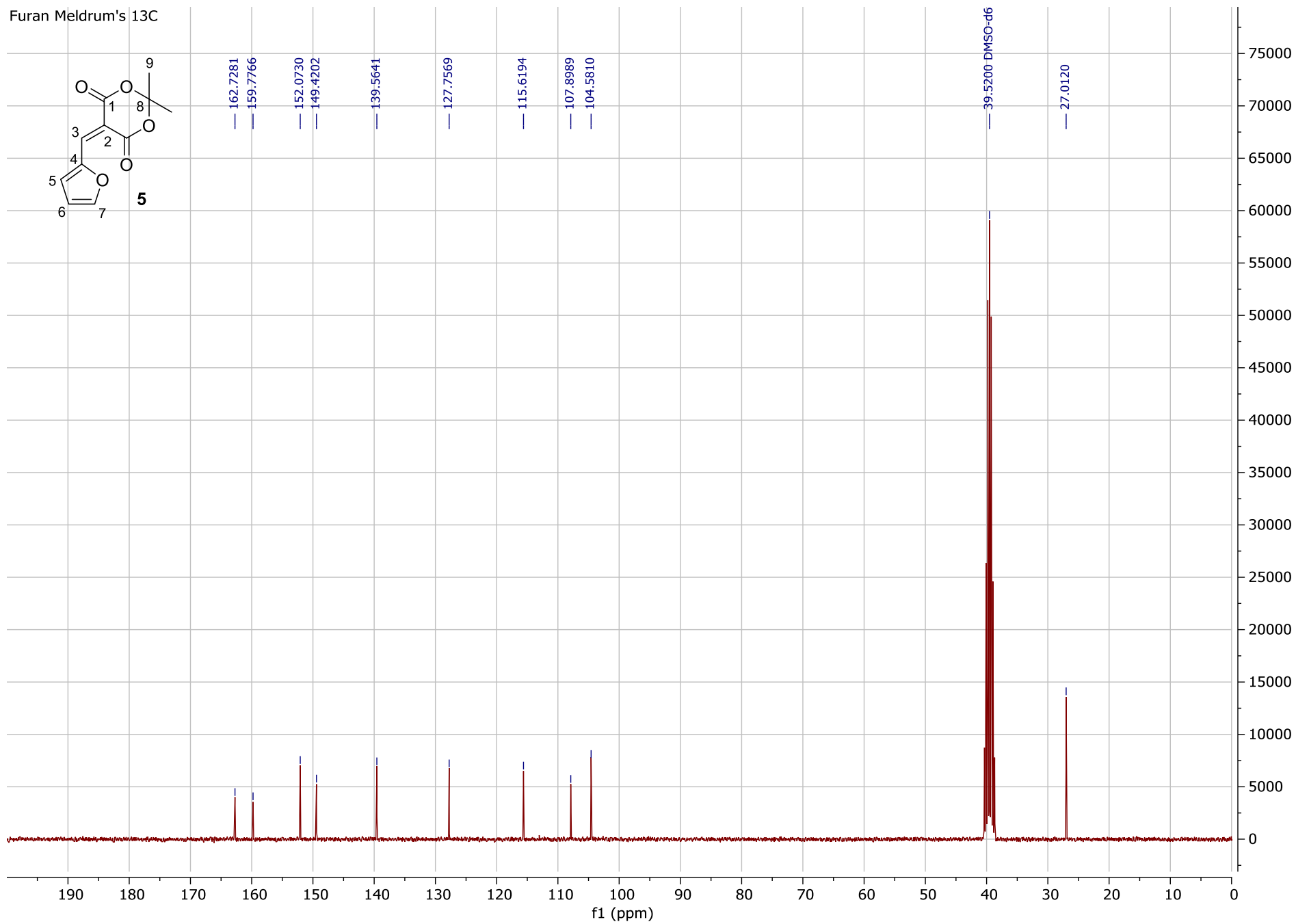
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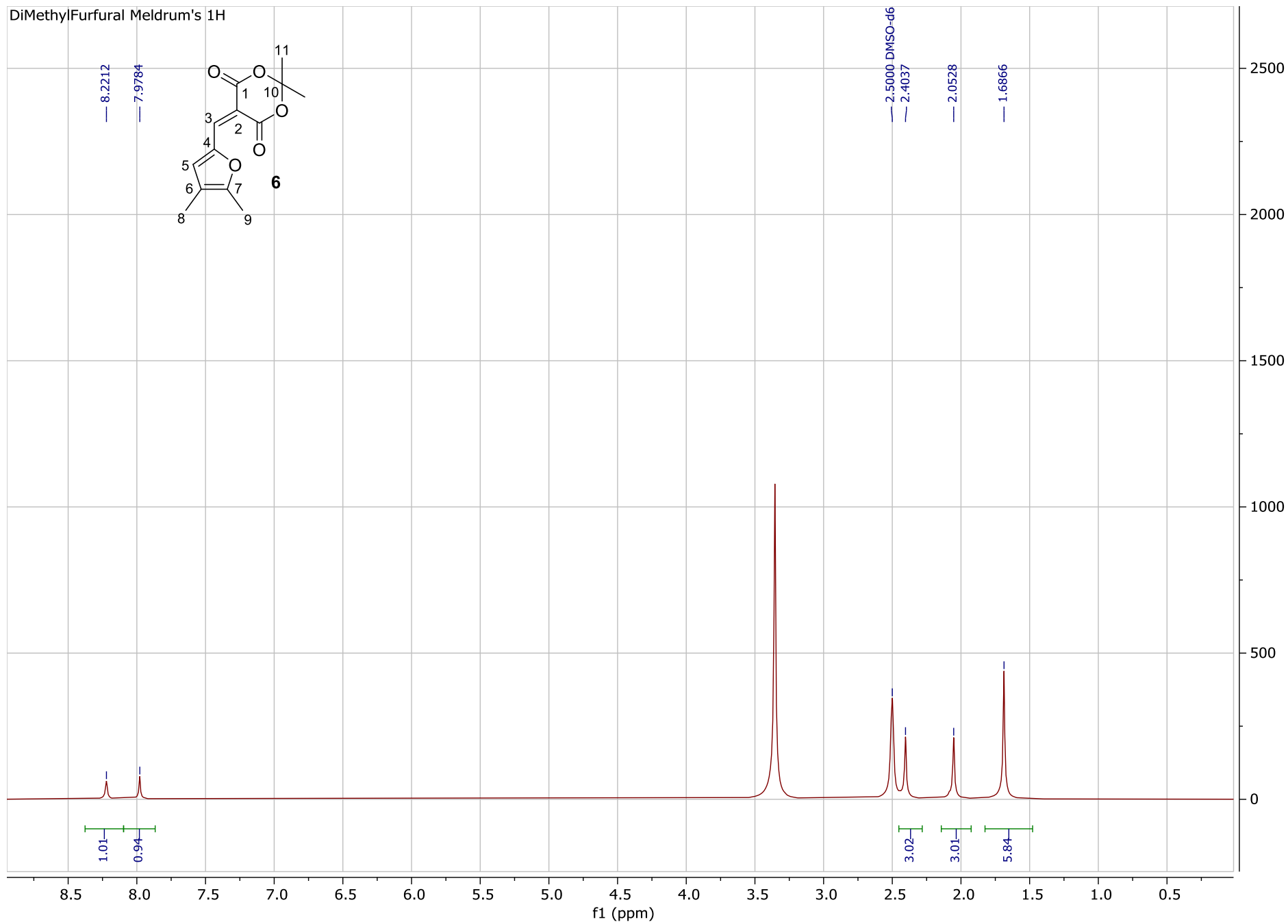


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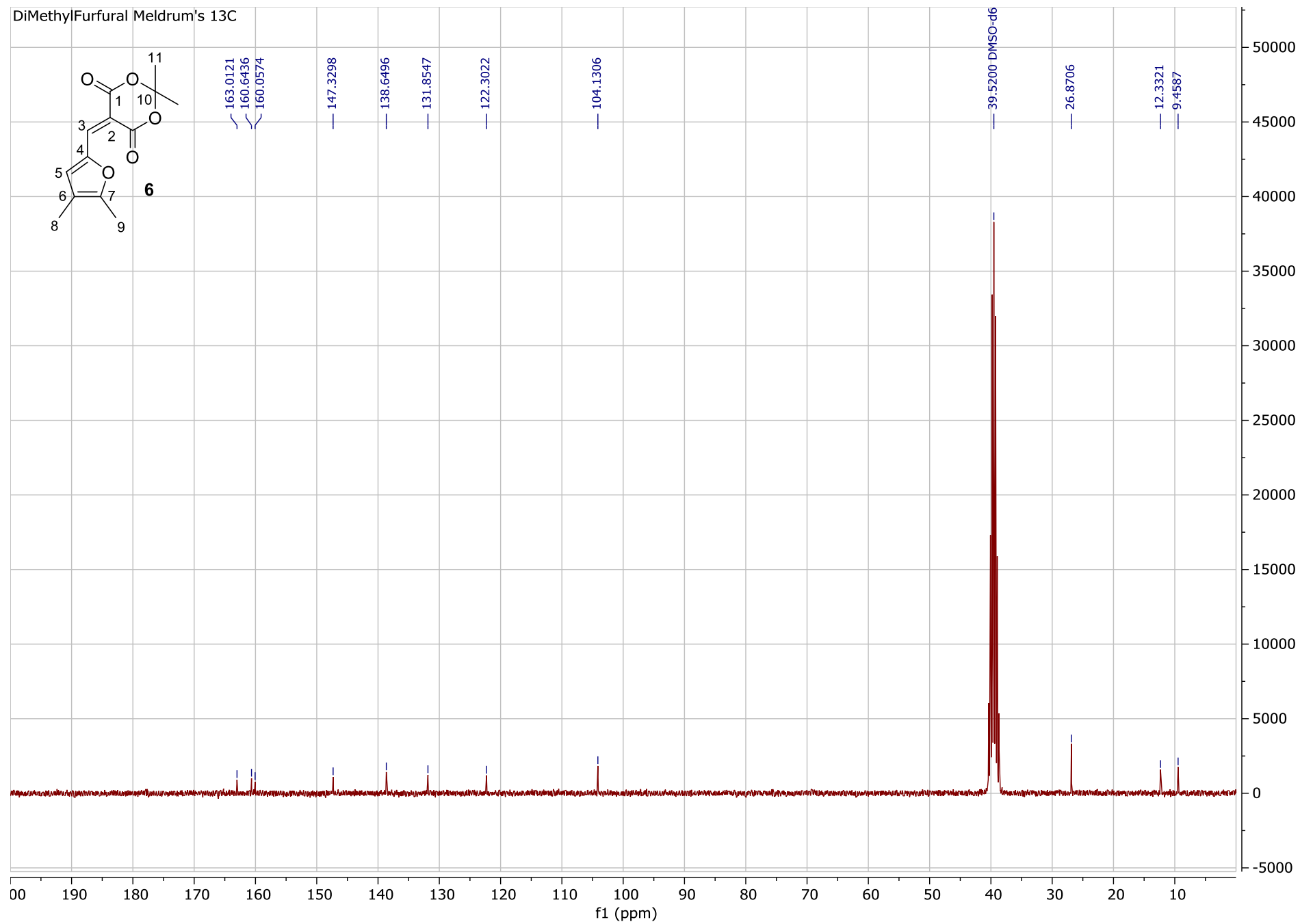
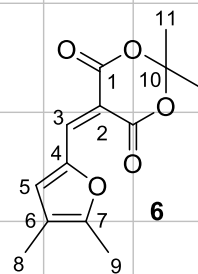


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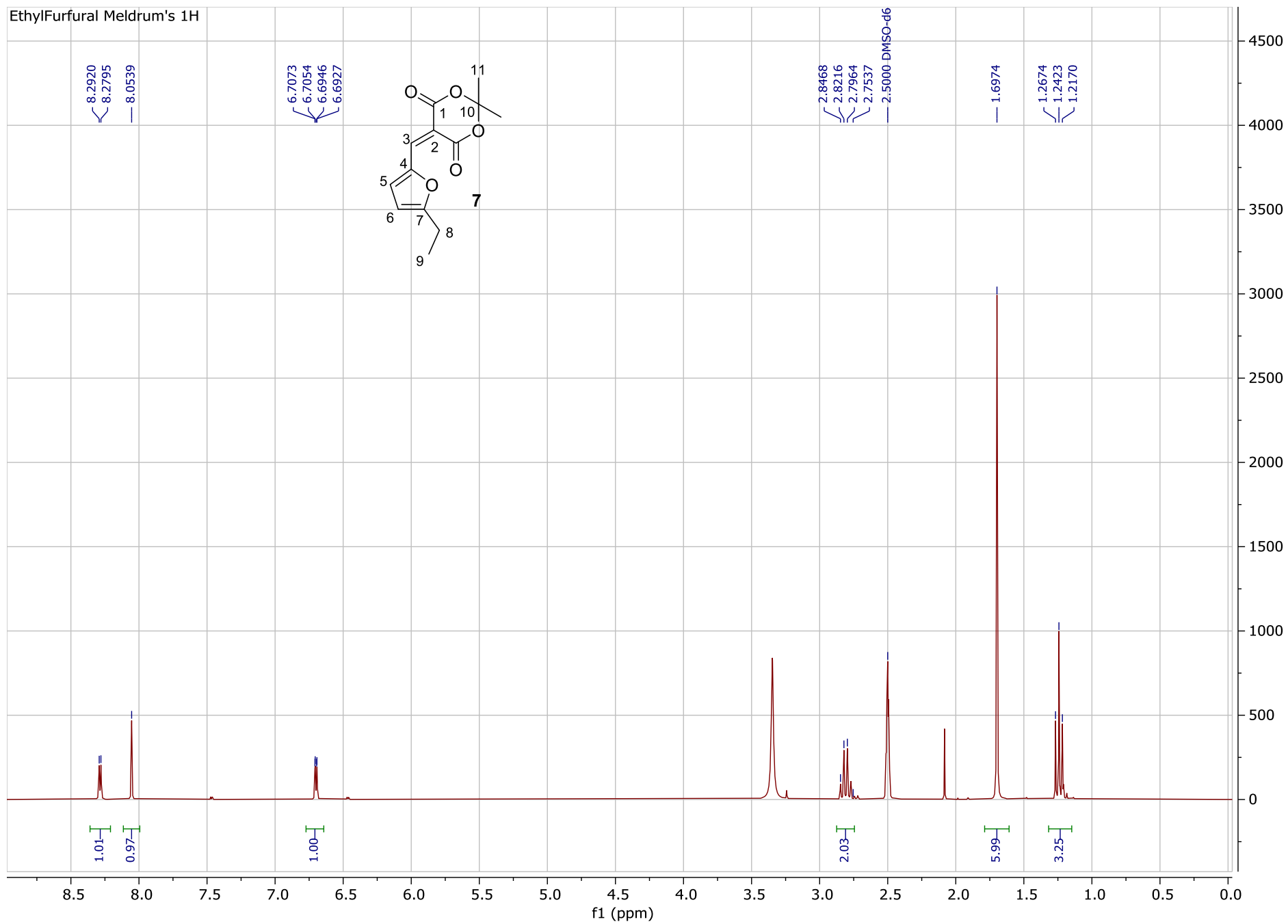




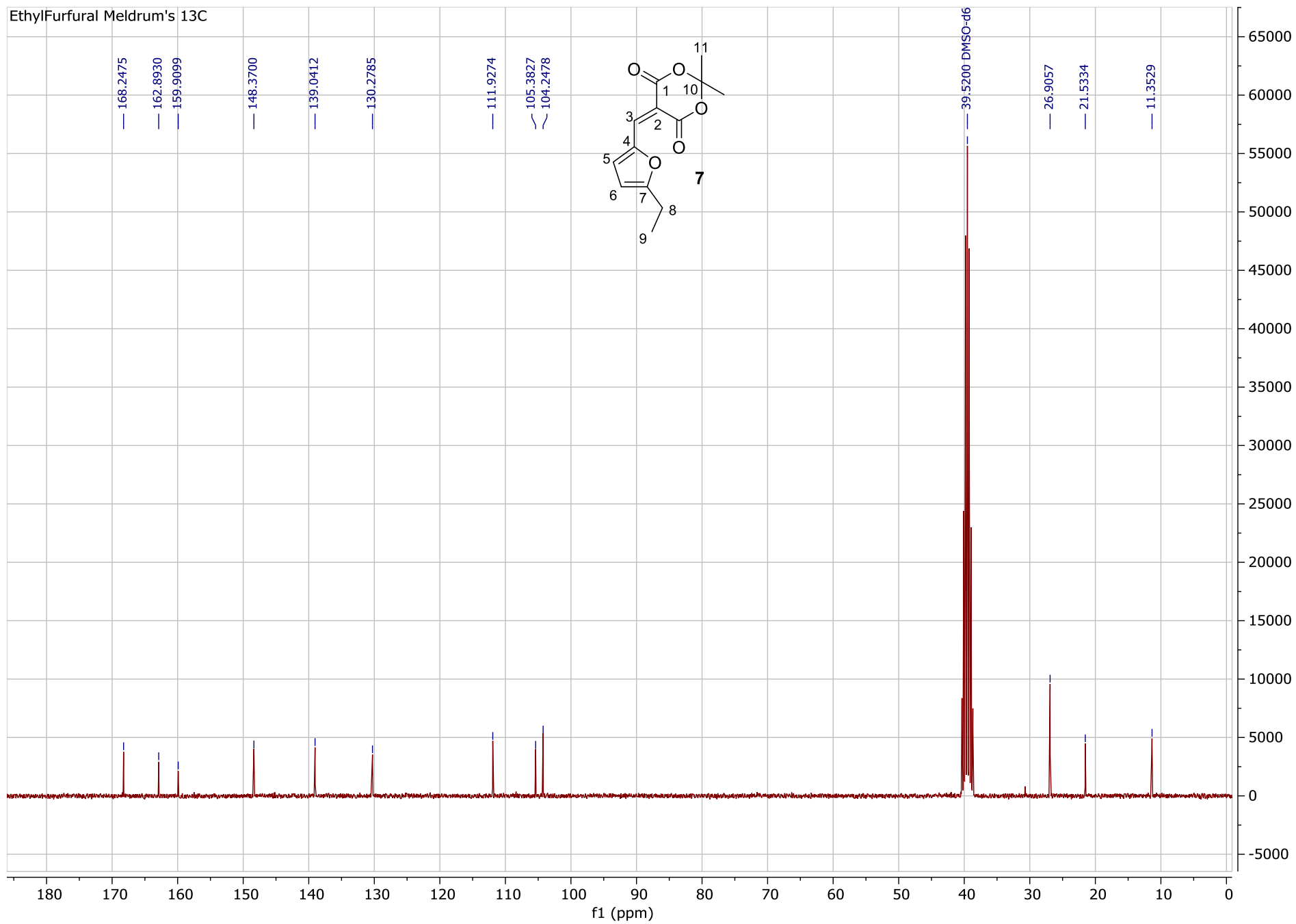
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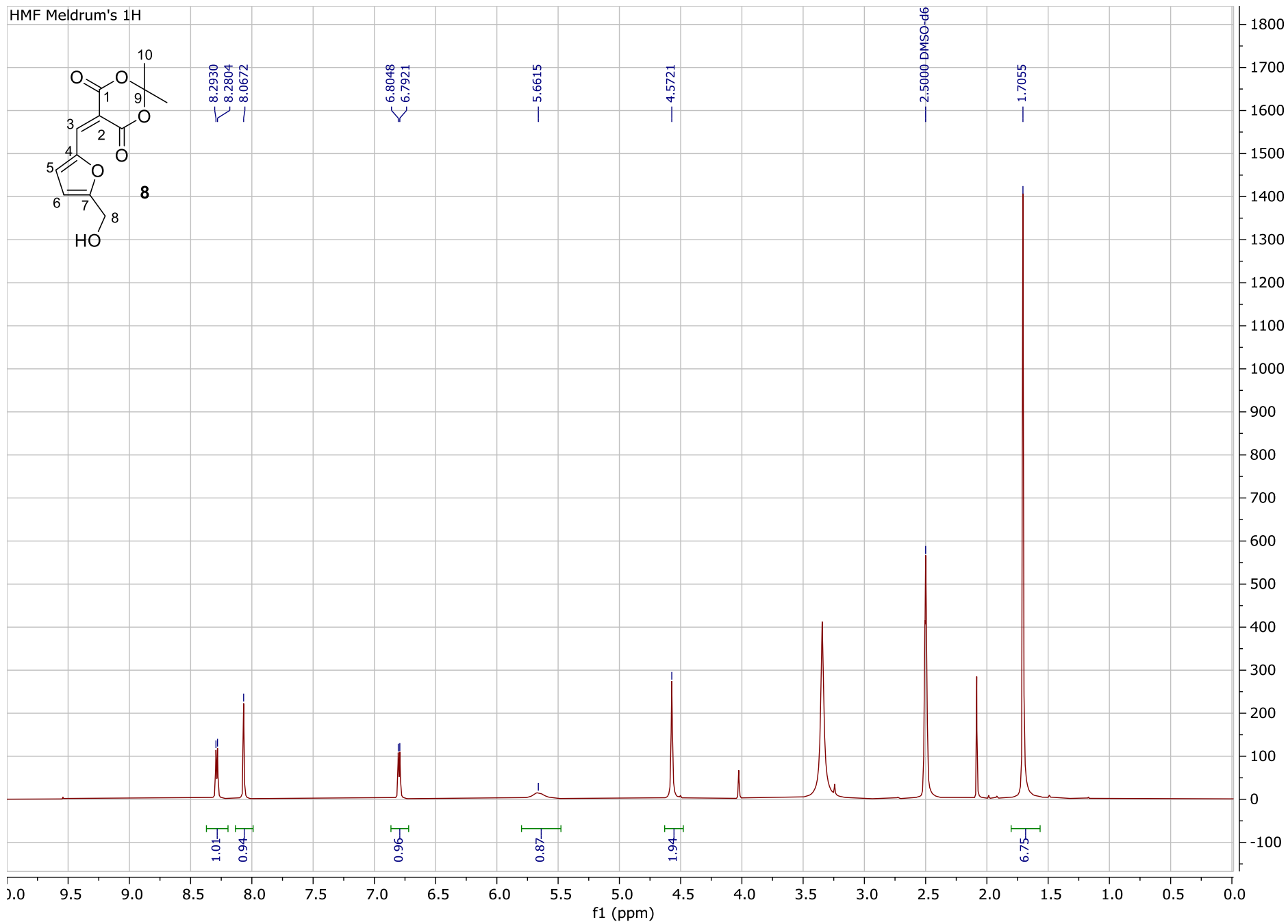
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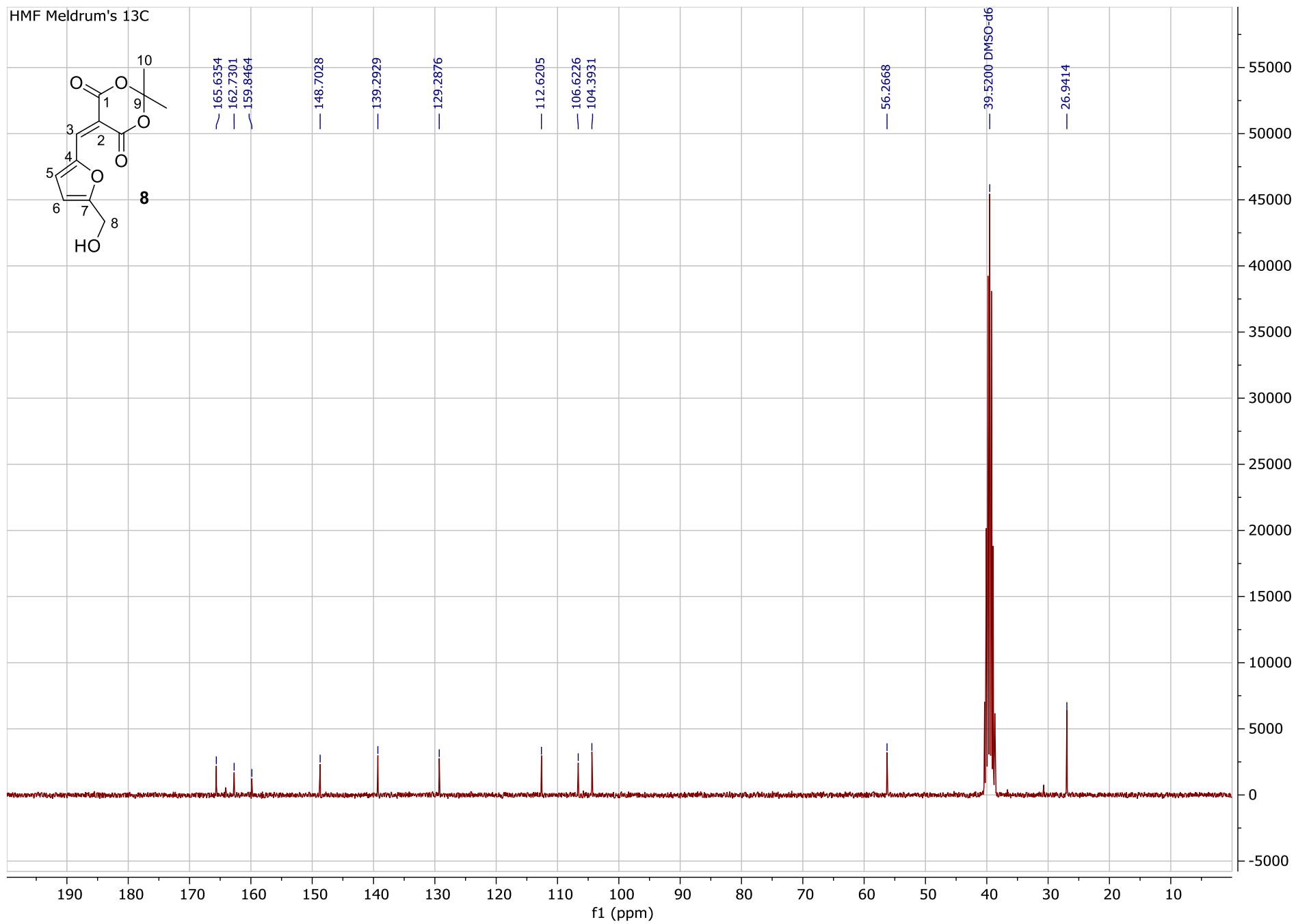
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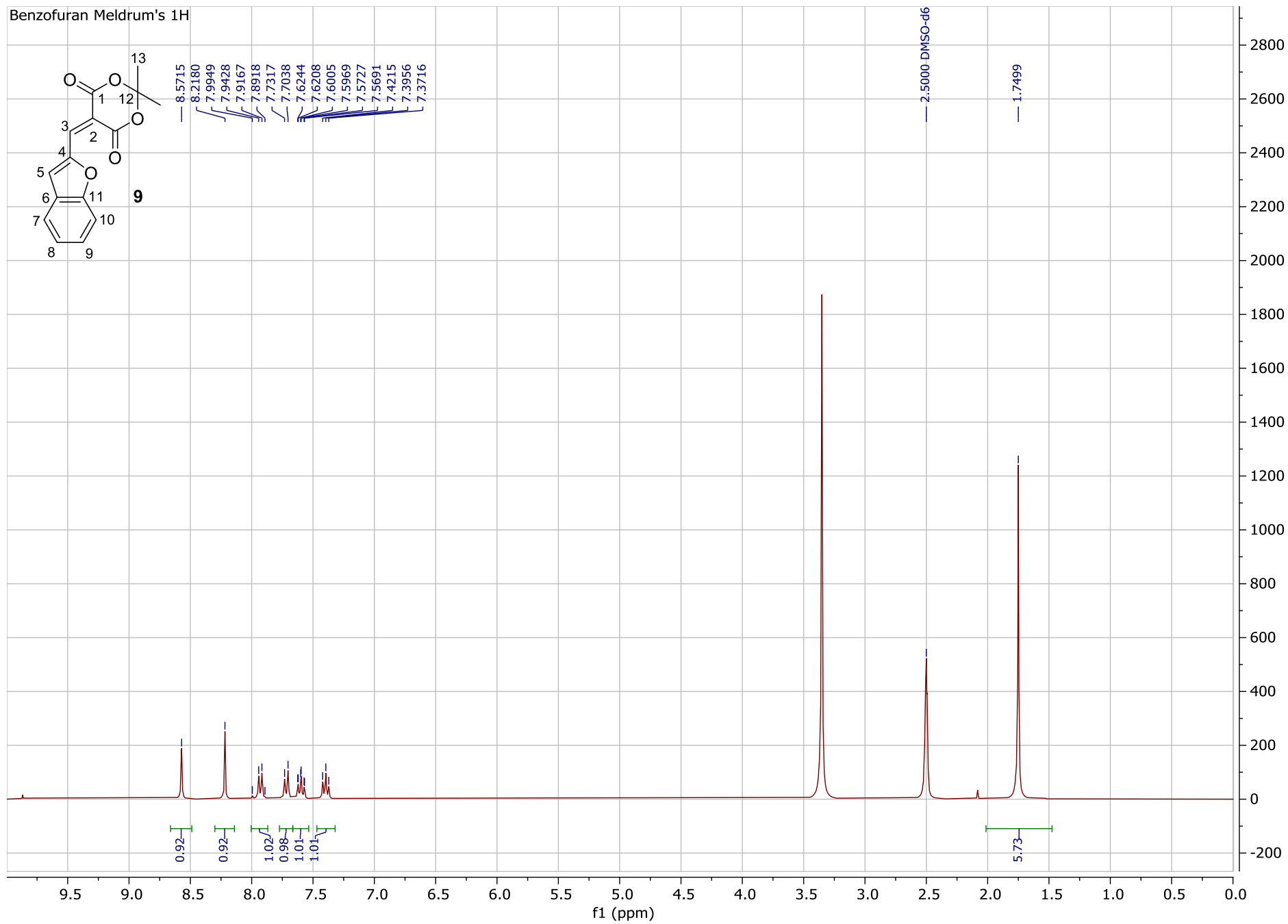
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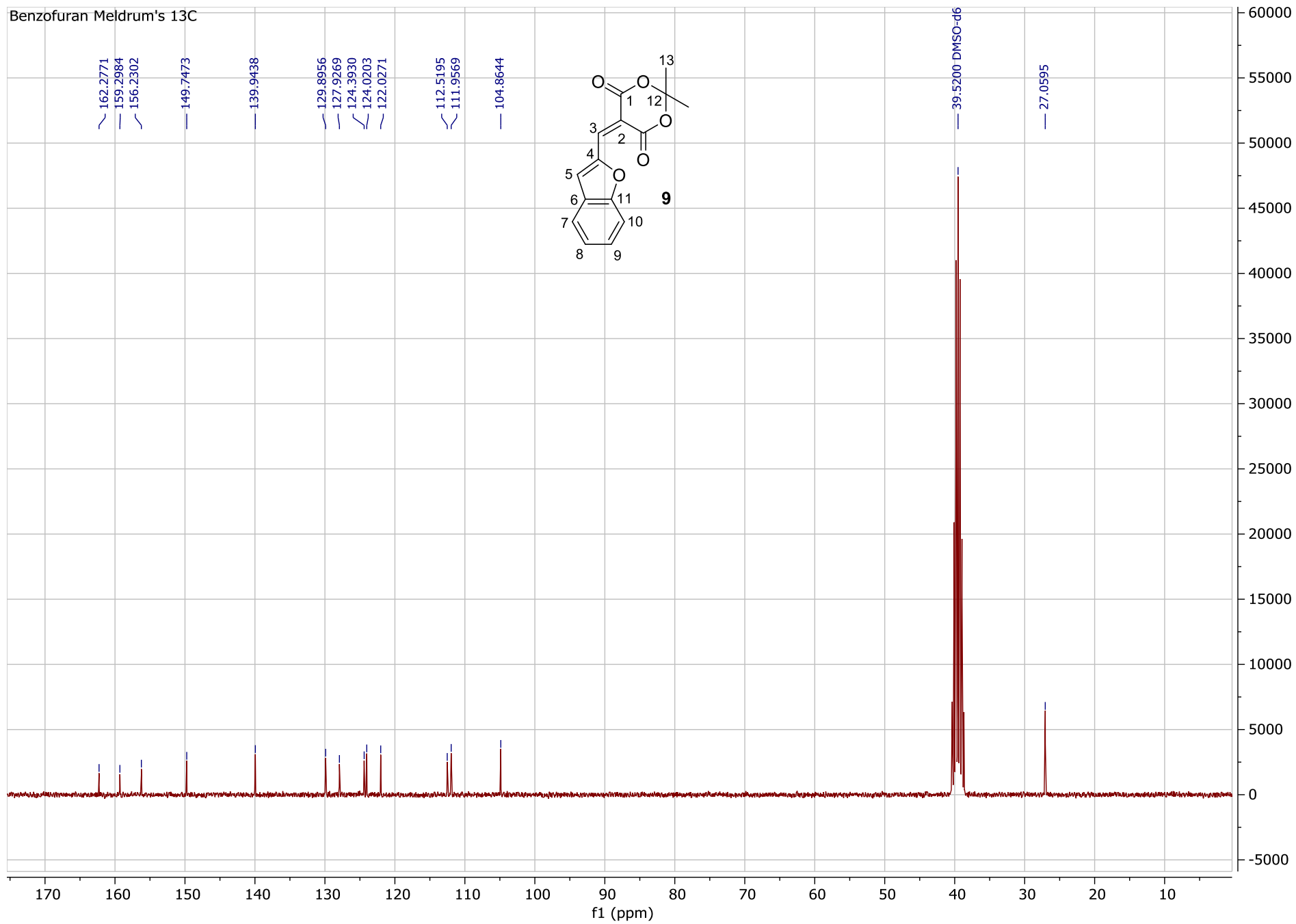
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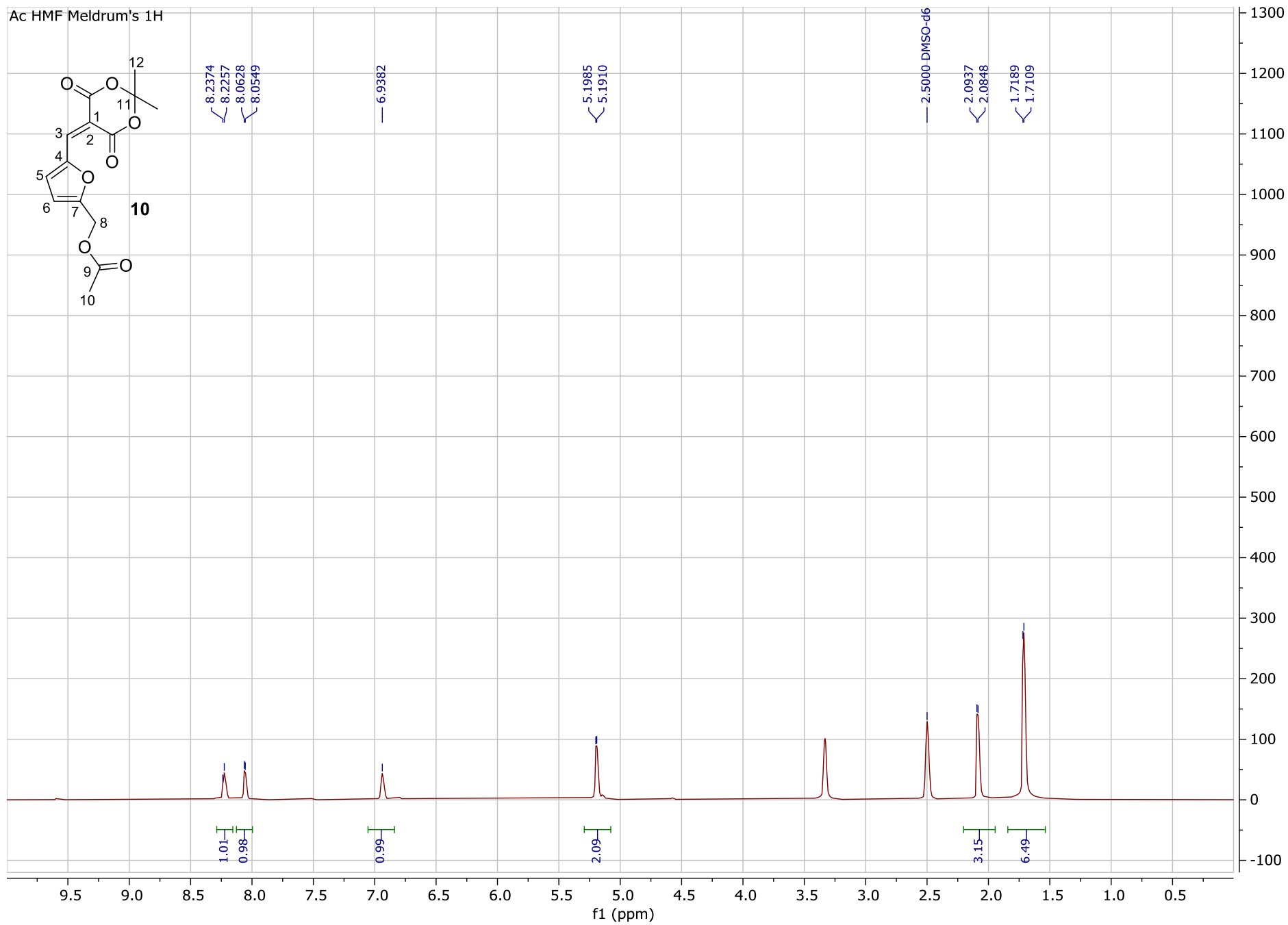
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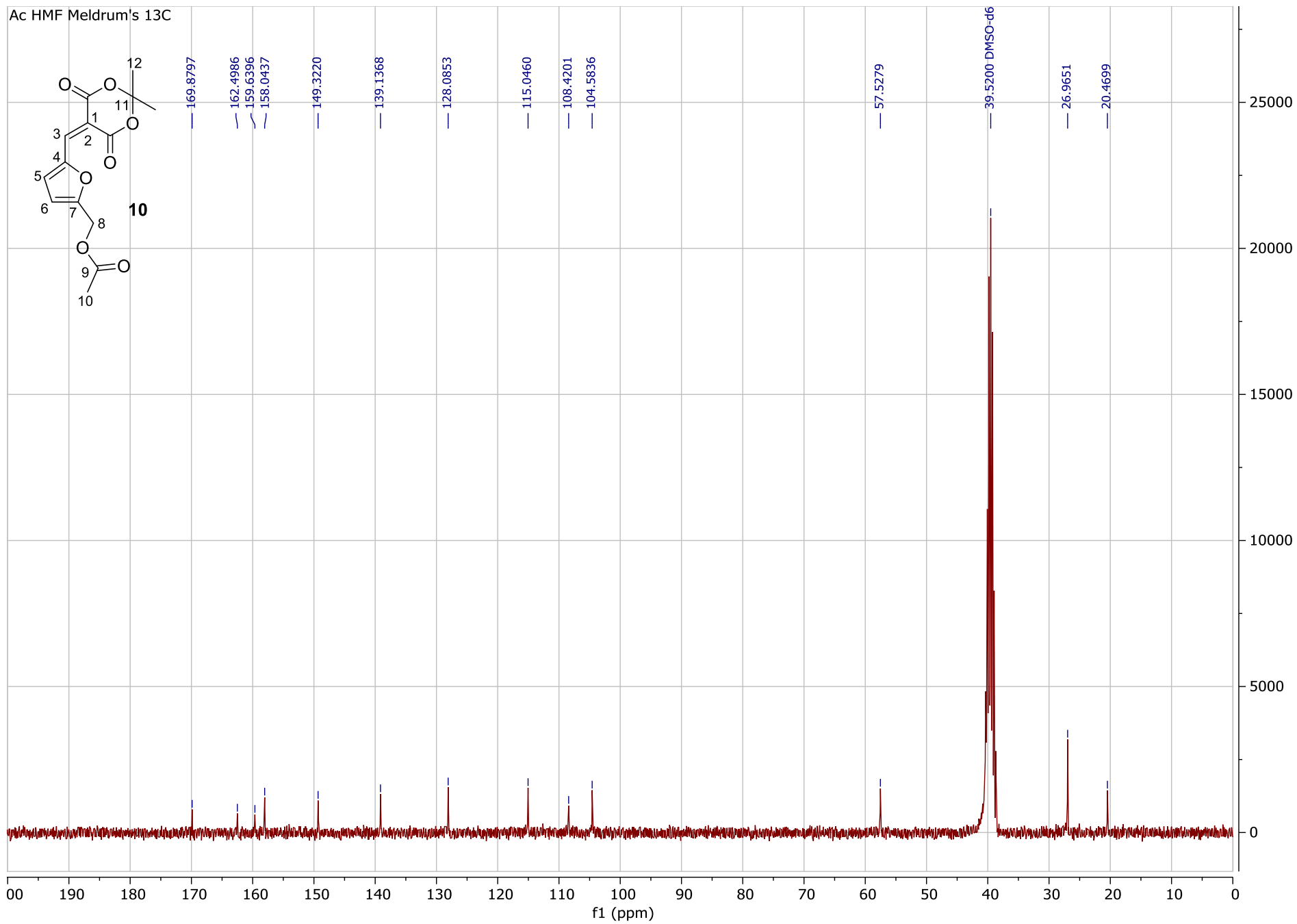


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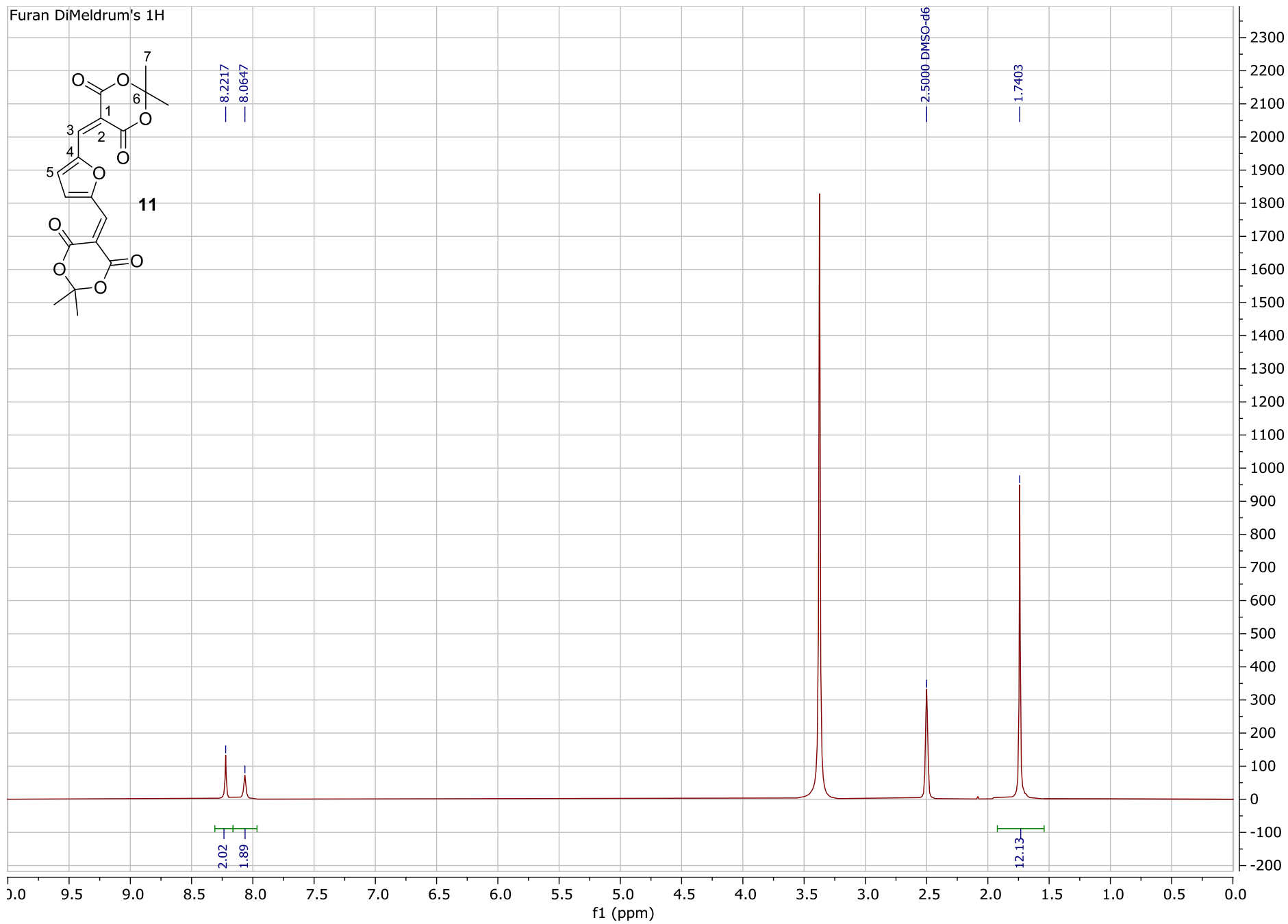


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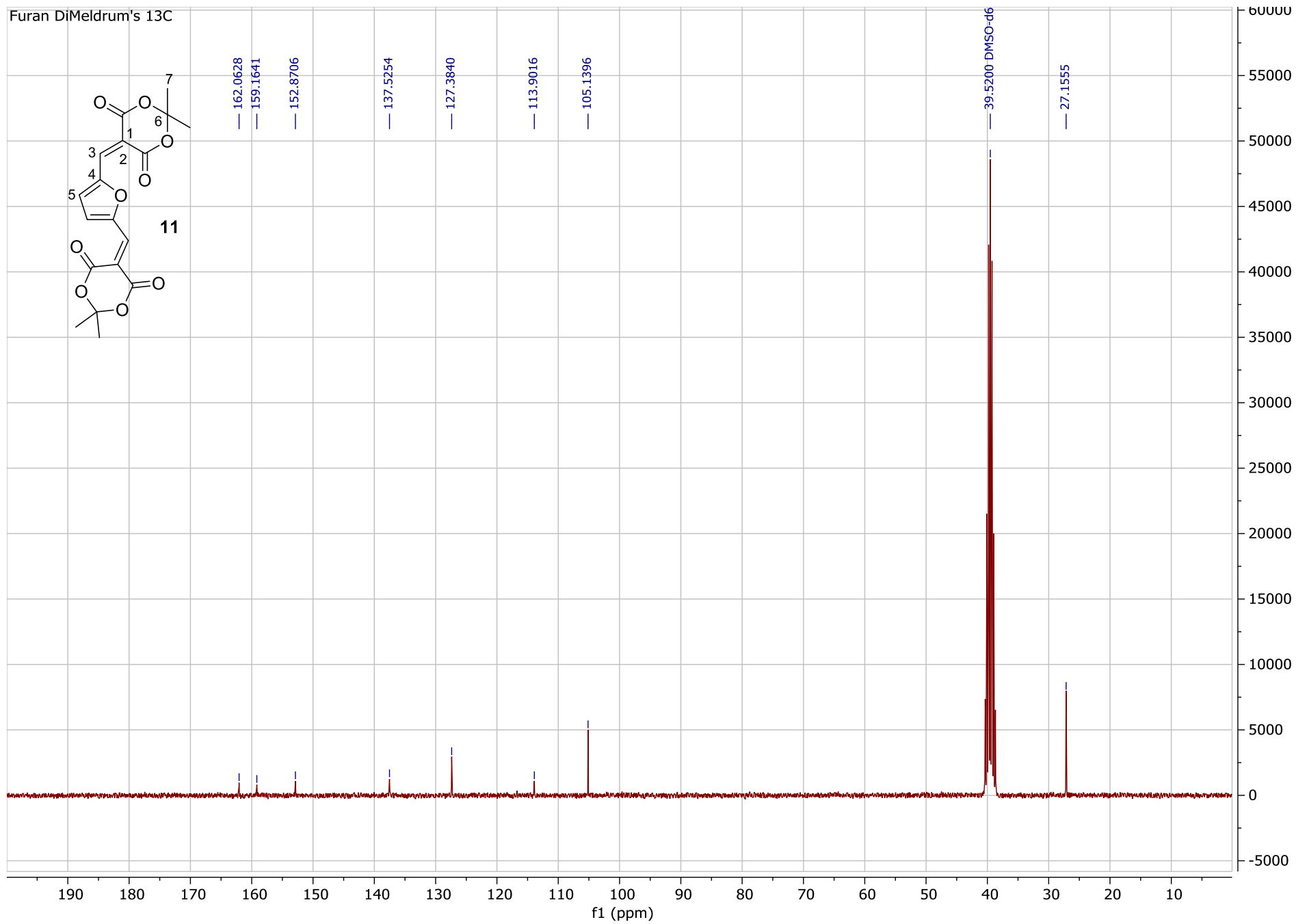




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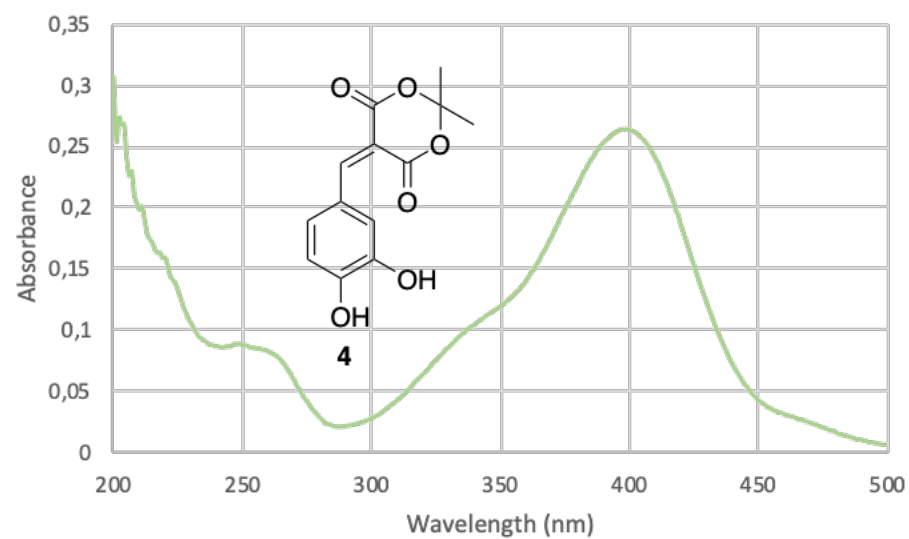
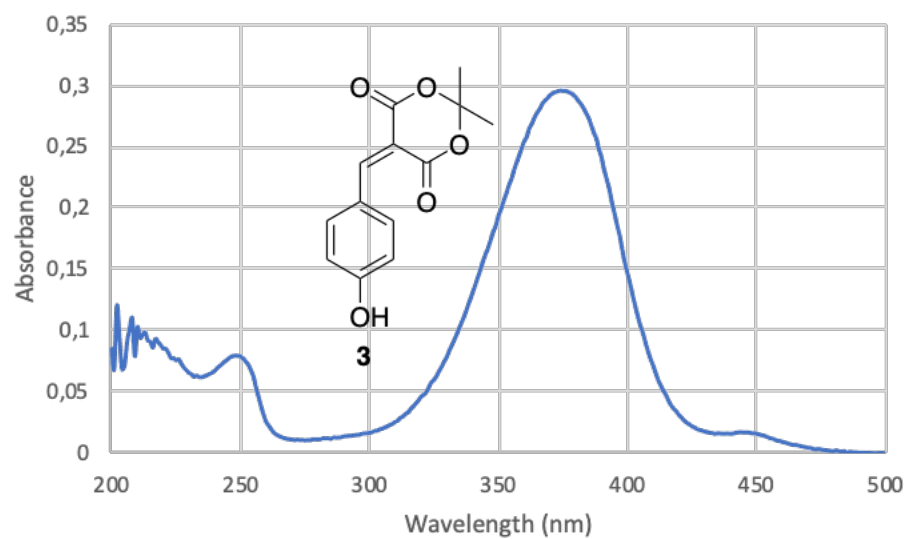
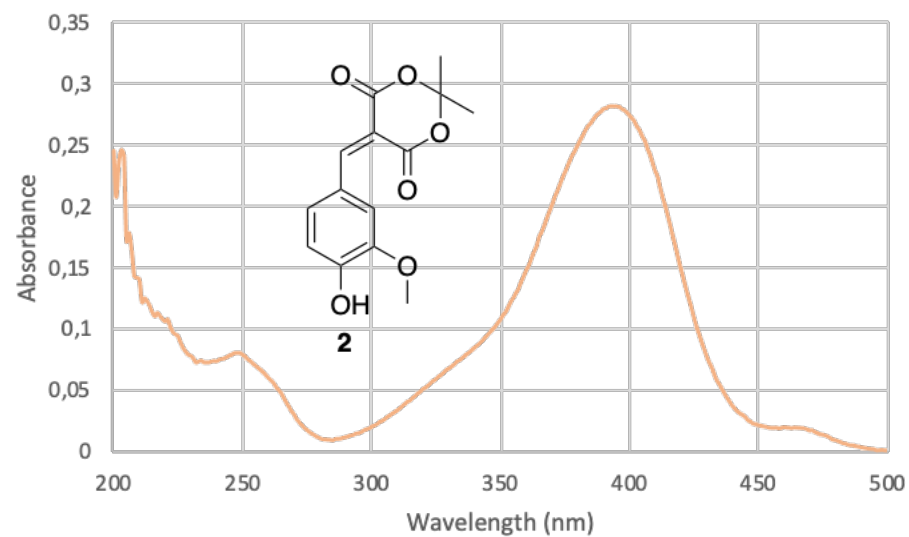
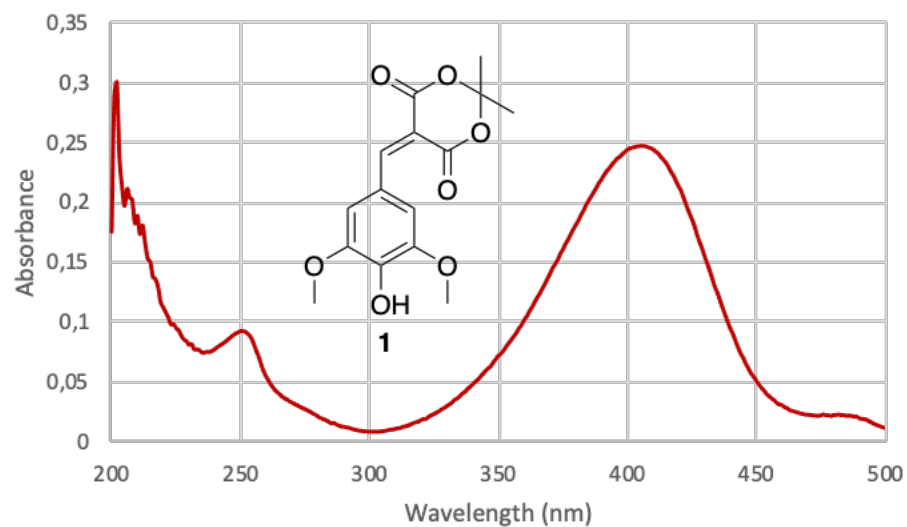


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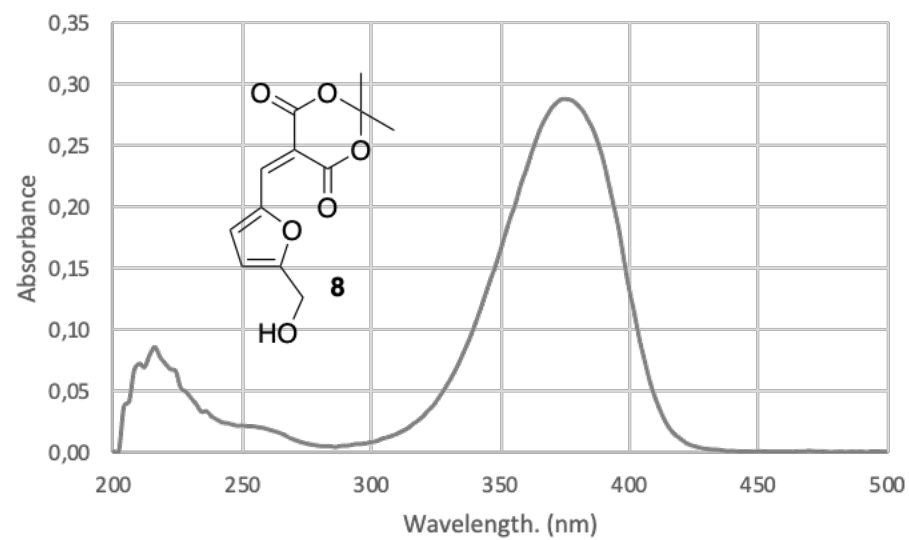
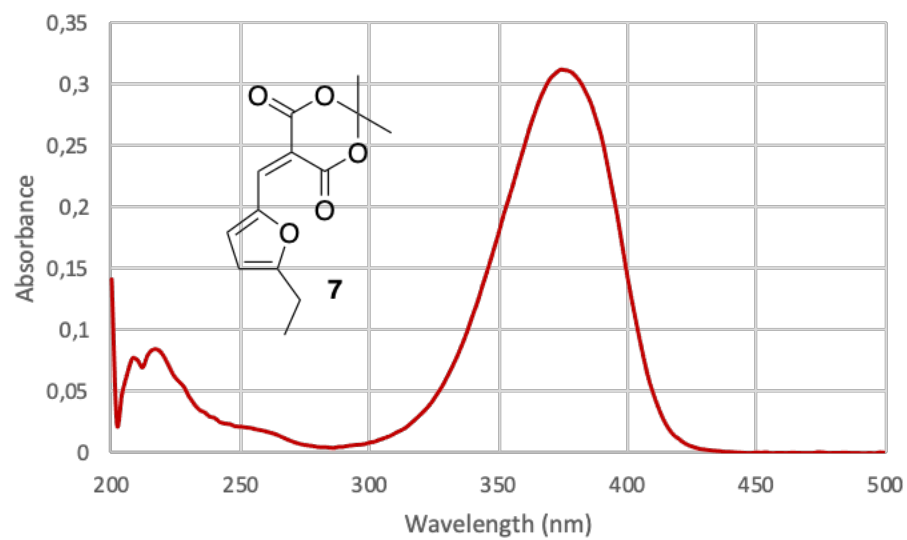
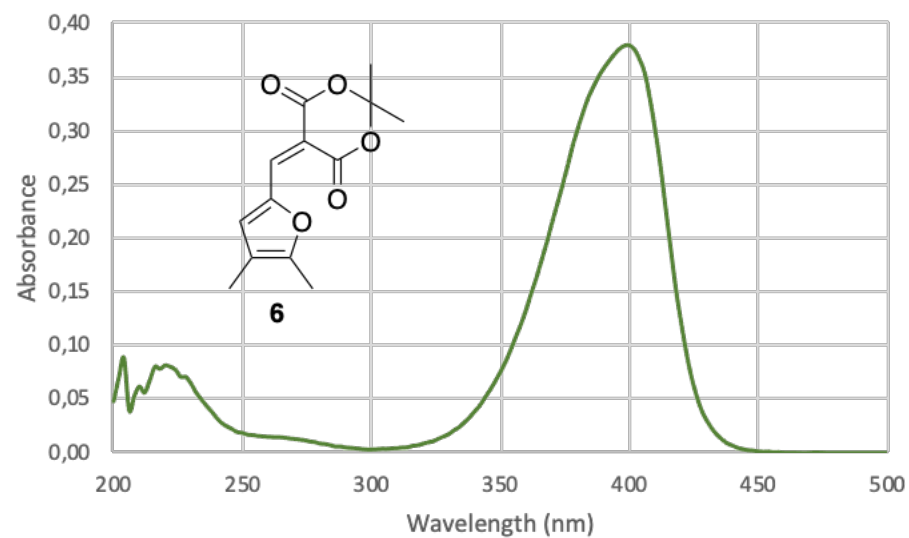
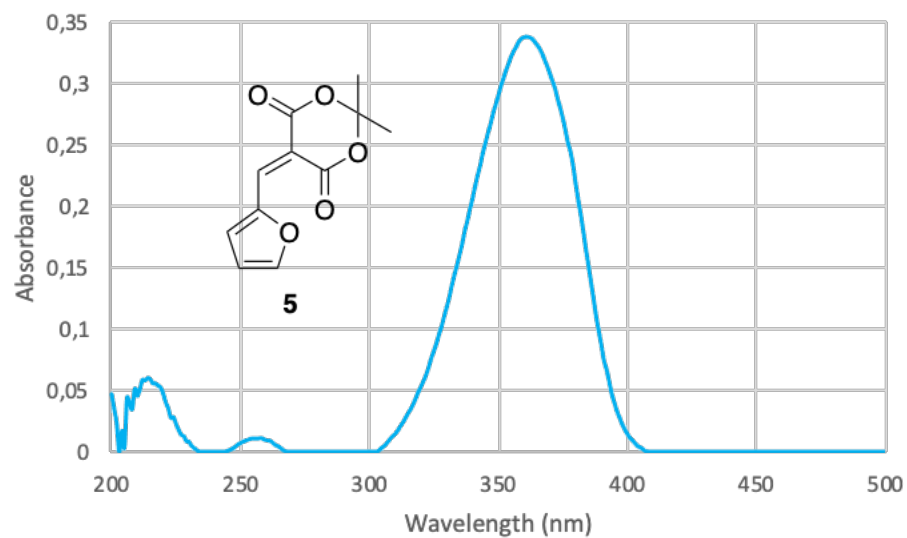


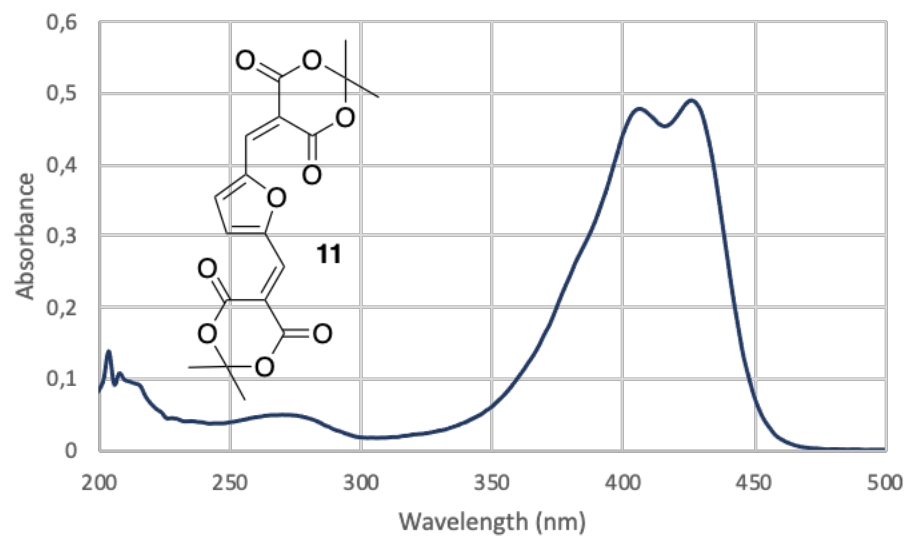
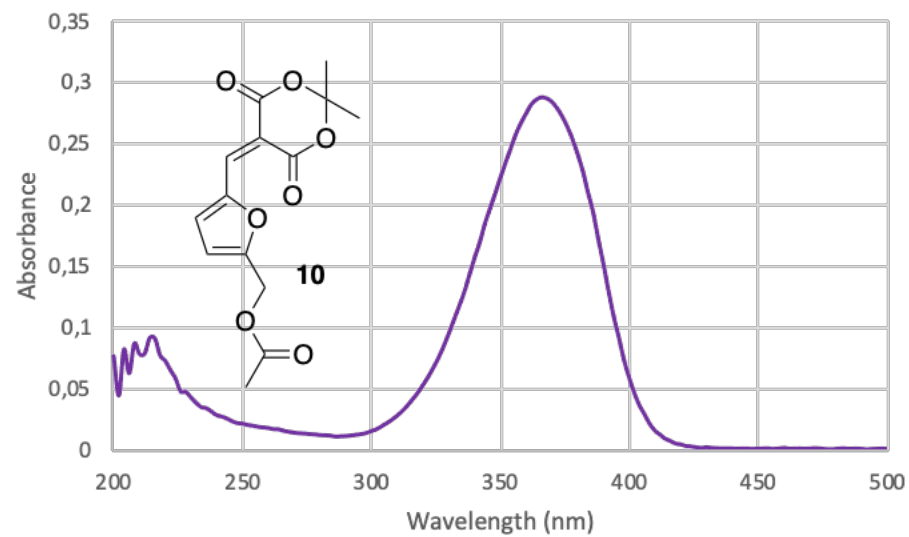
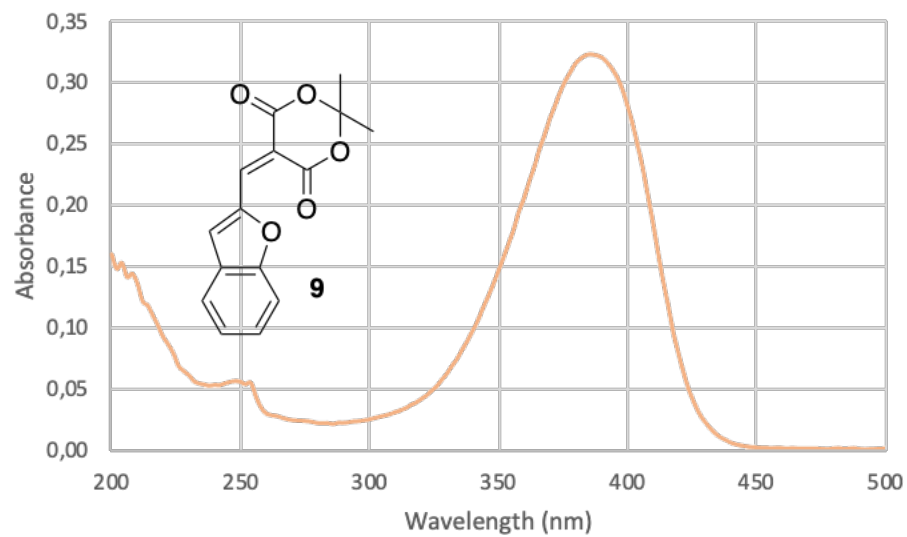
2. UV Spectra

2.1. Phenolic series

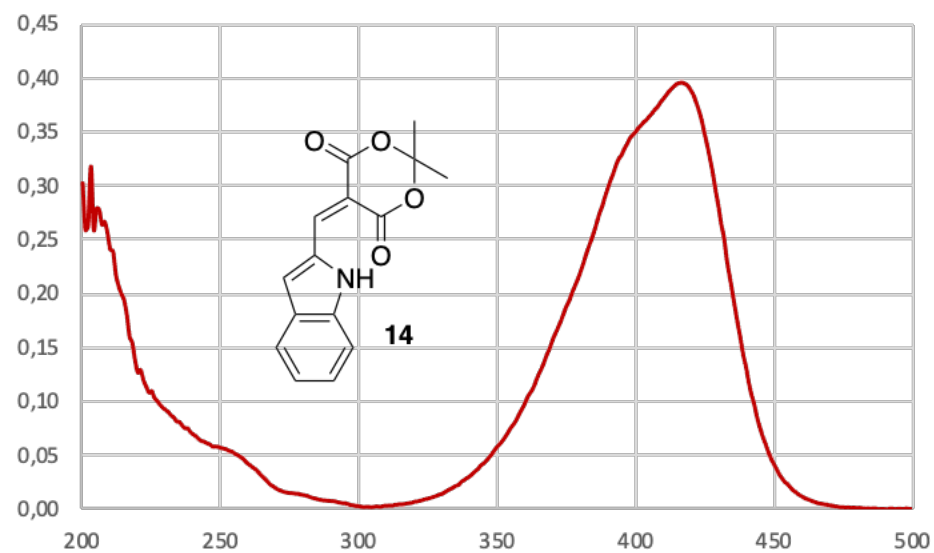
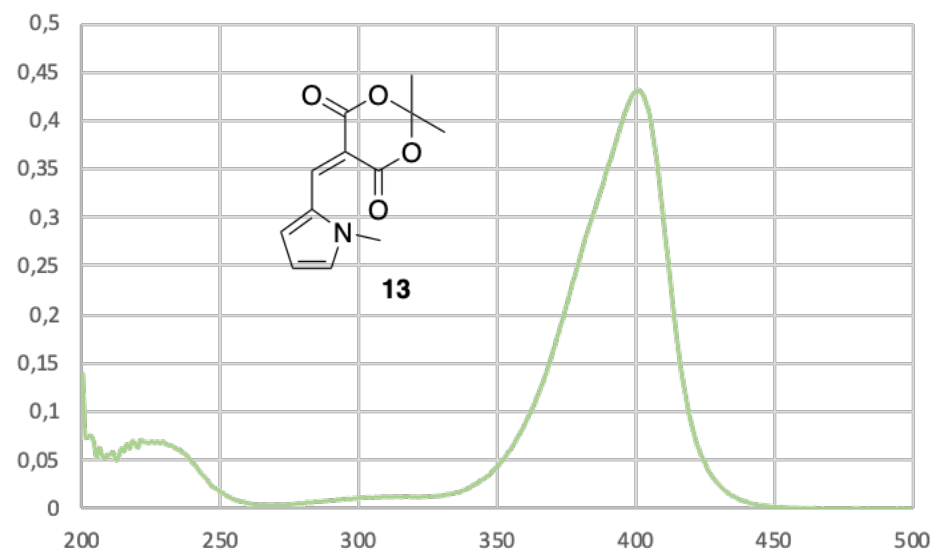
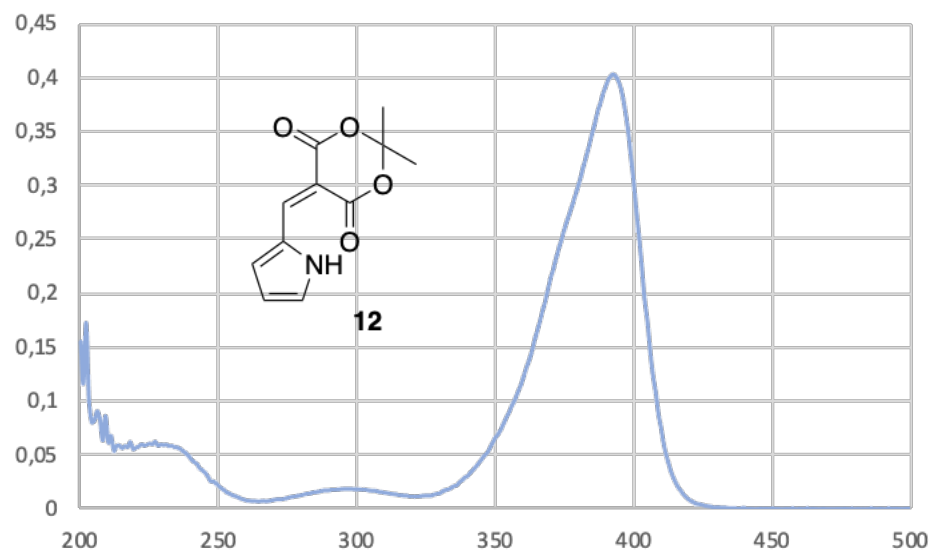


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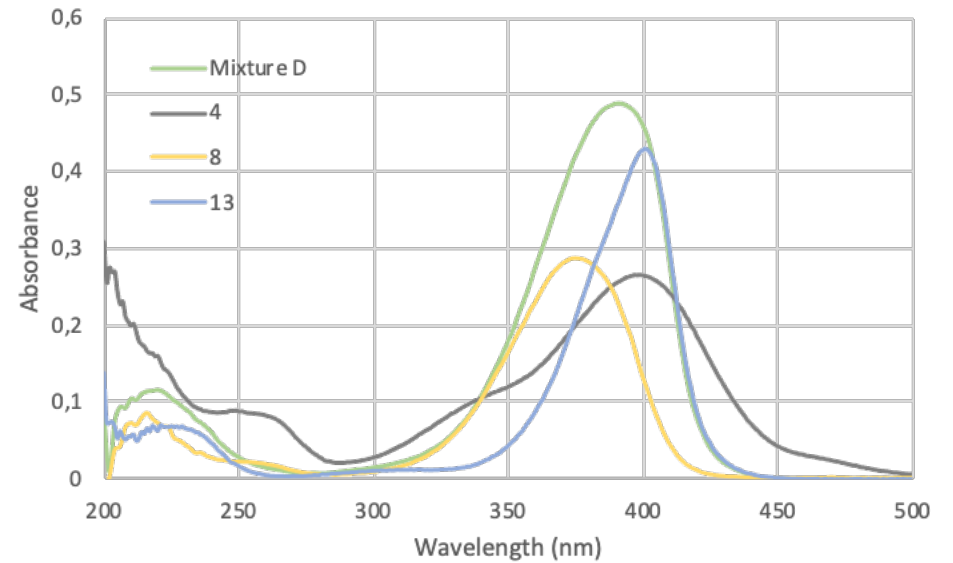
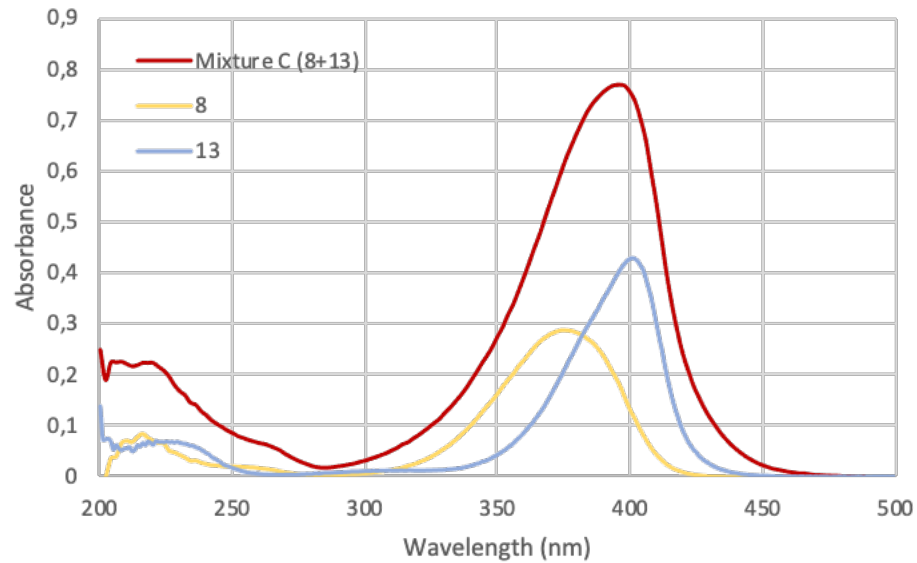
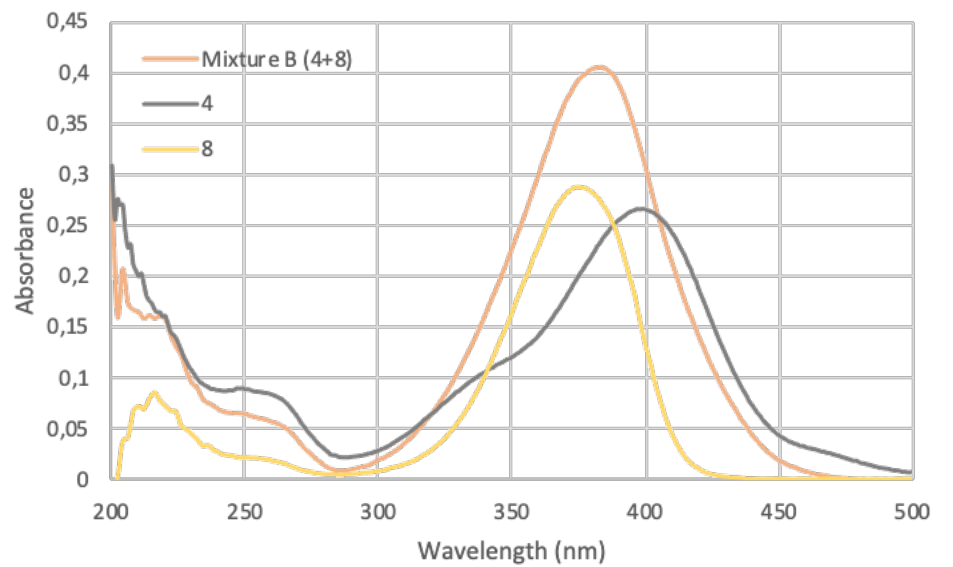
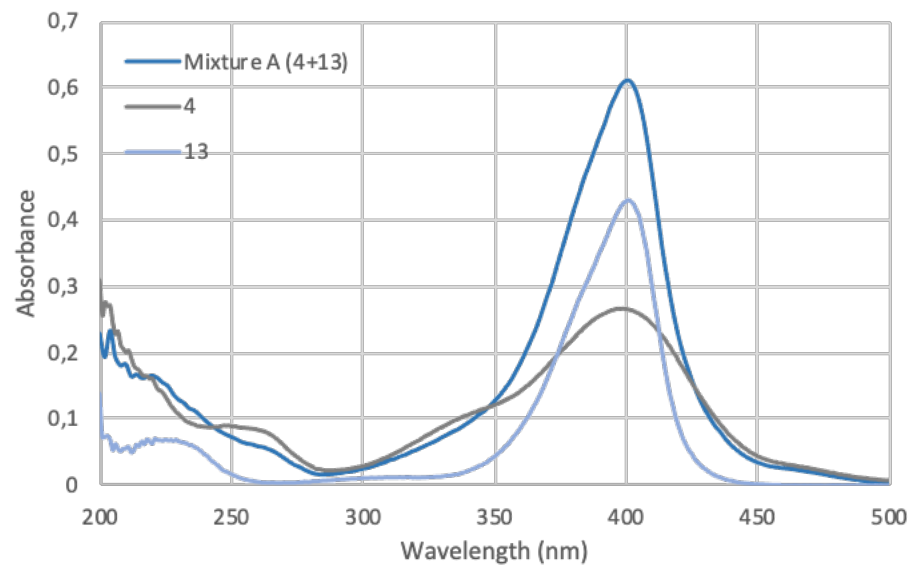




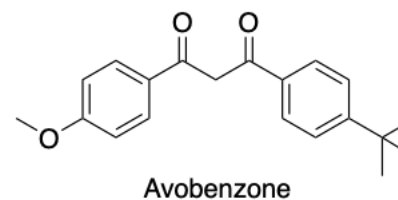
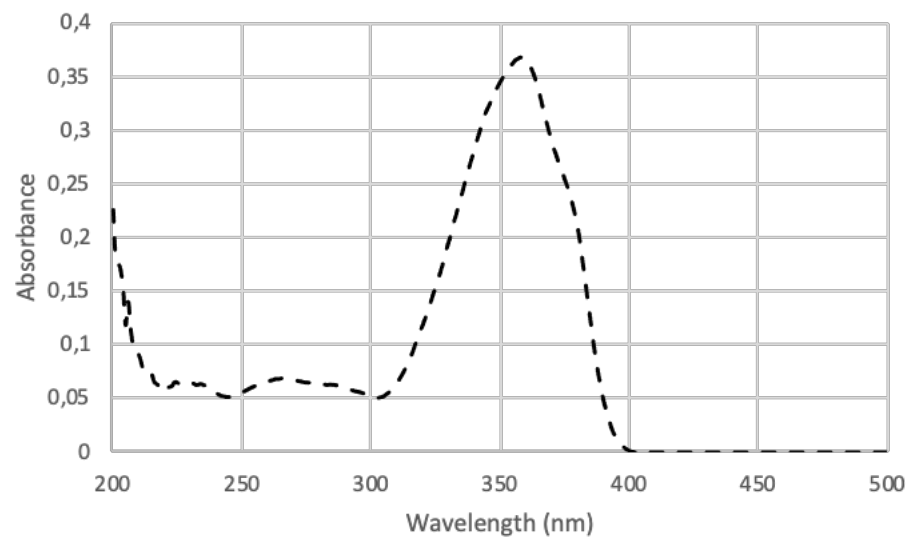
2.3. Pyrrolic series



2.4. Mixtures

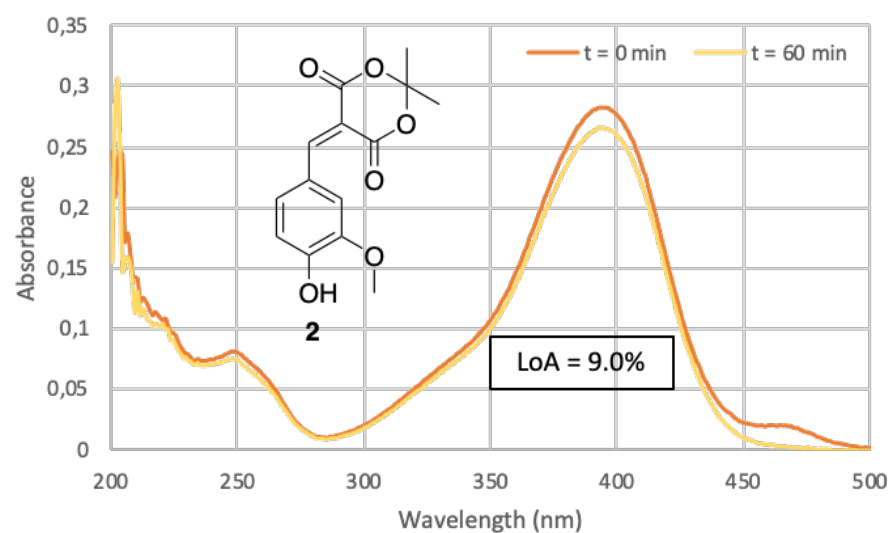
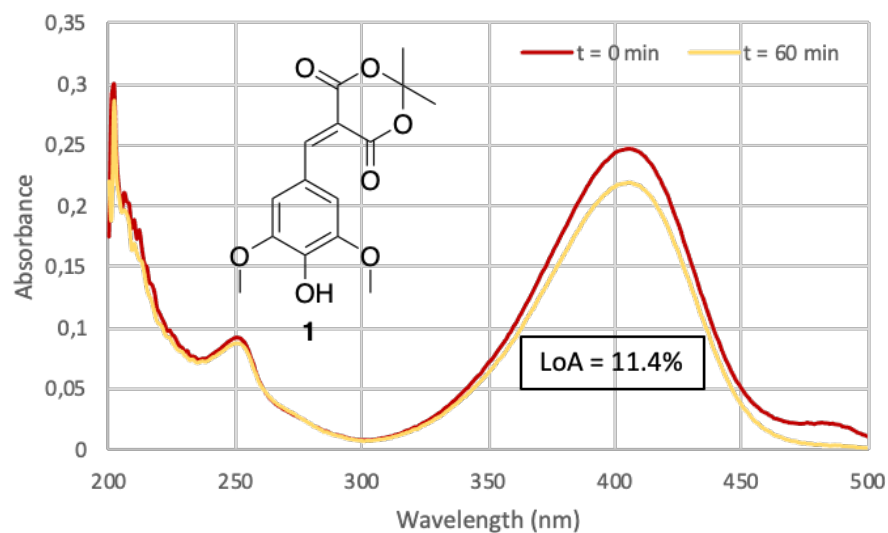


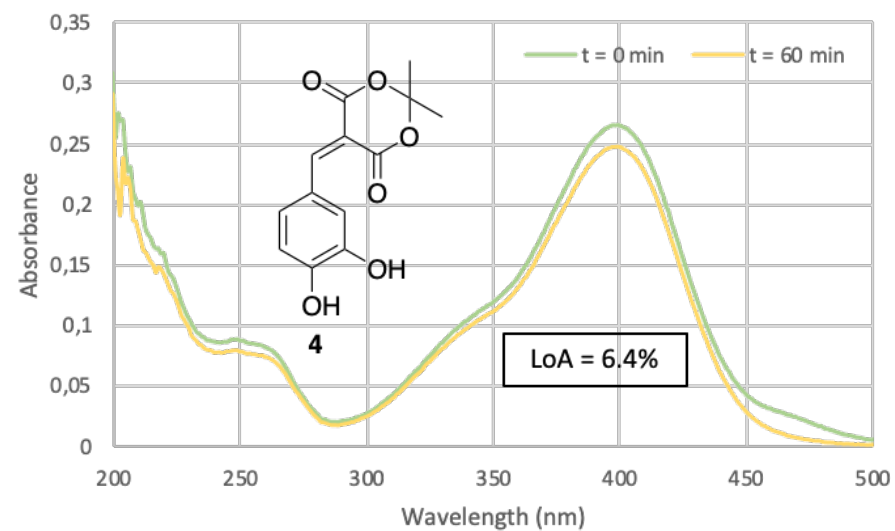
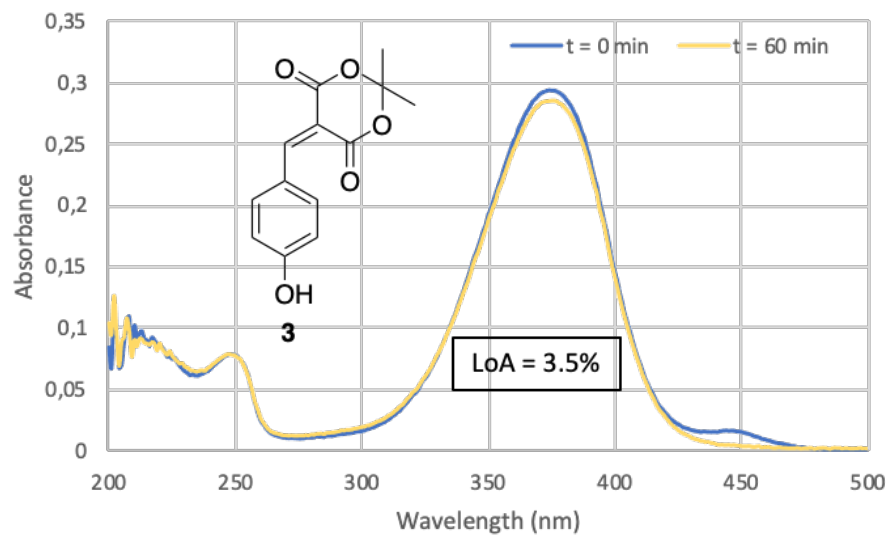
2.5. Reference



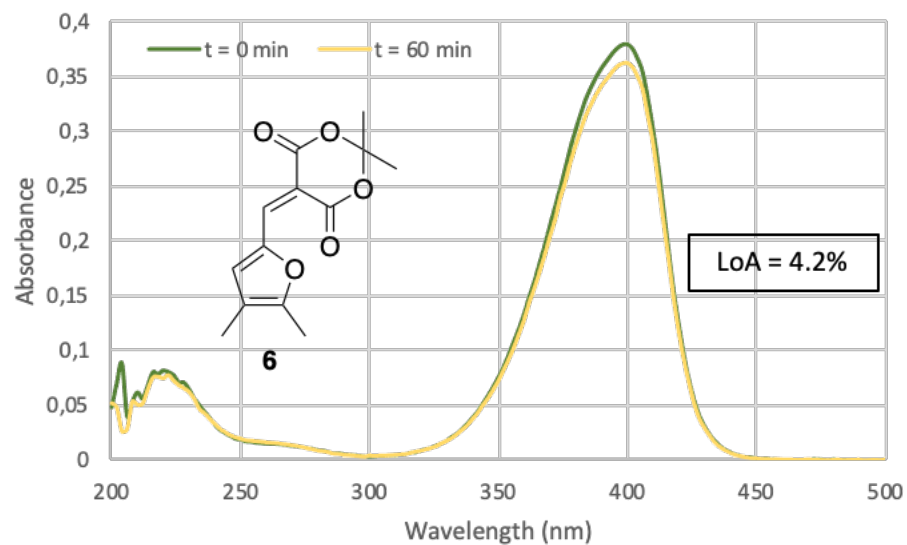
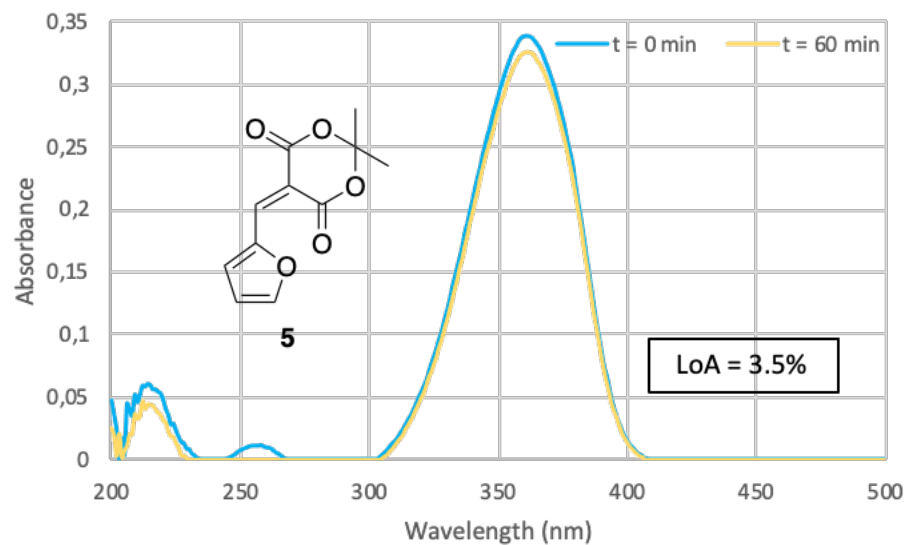
3. Loss of absorbance (LoA)

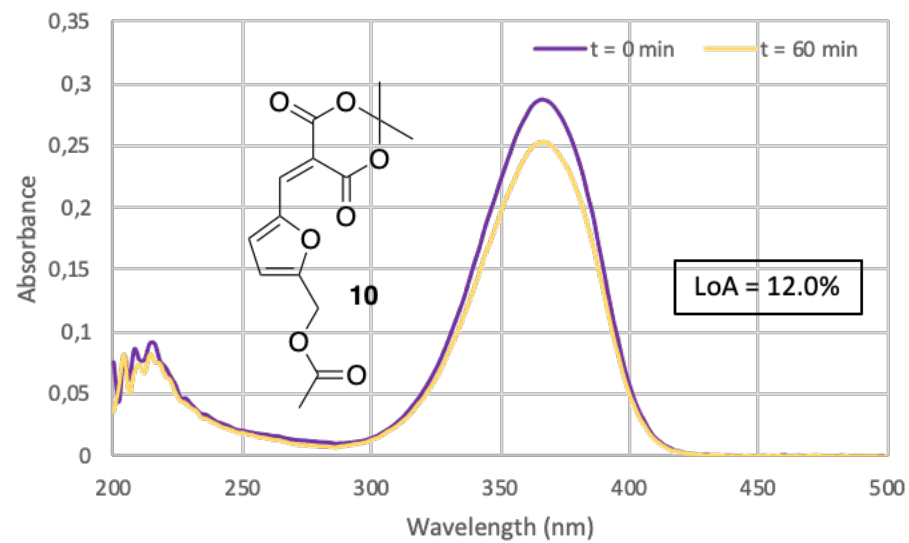
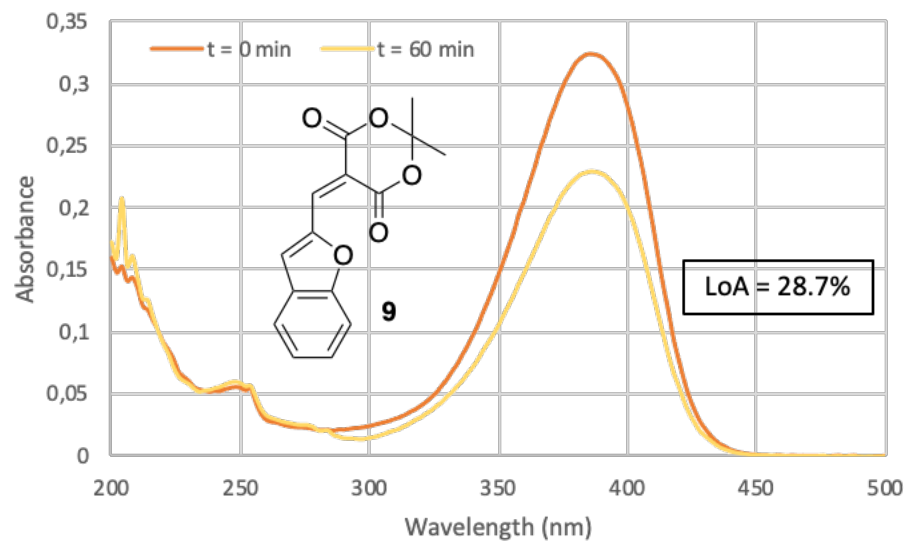
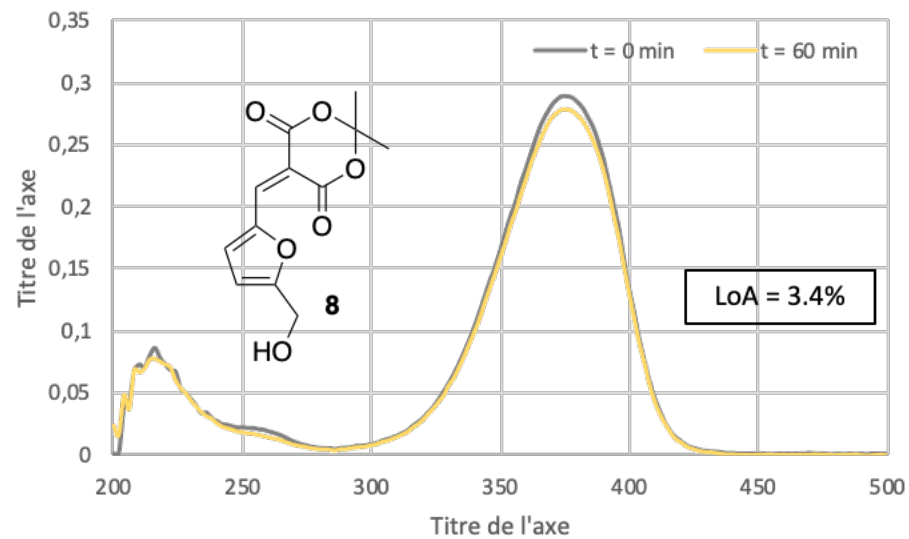
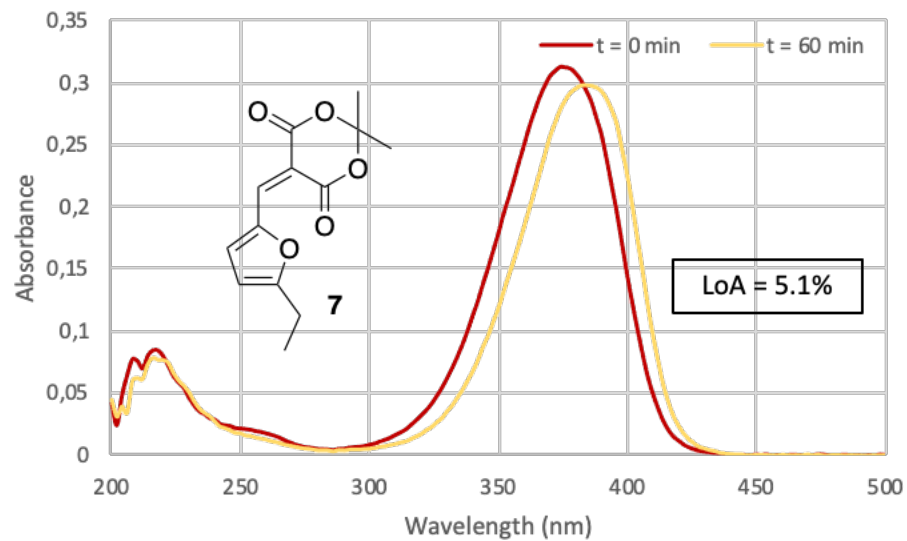
3.1. Phenolic series

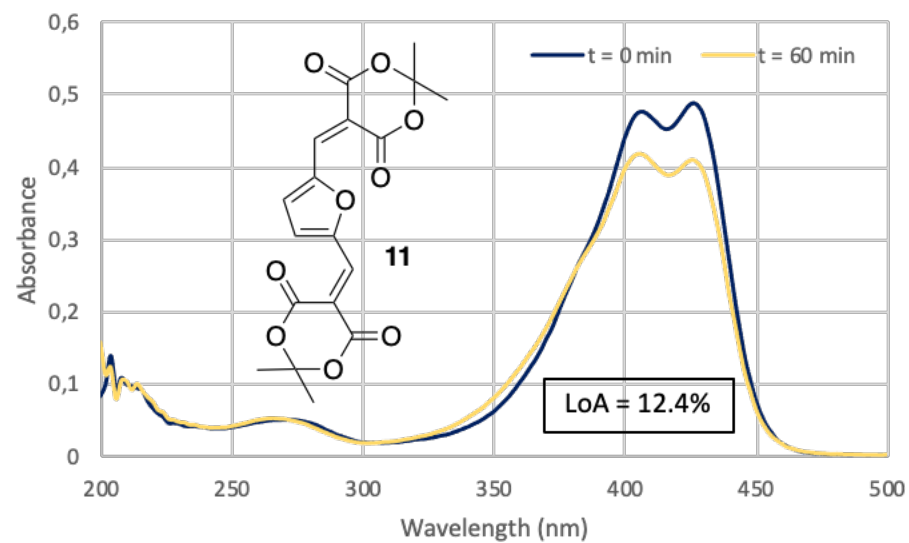




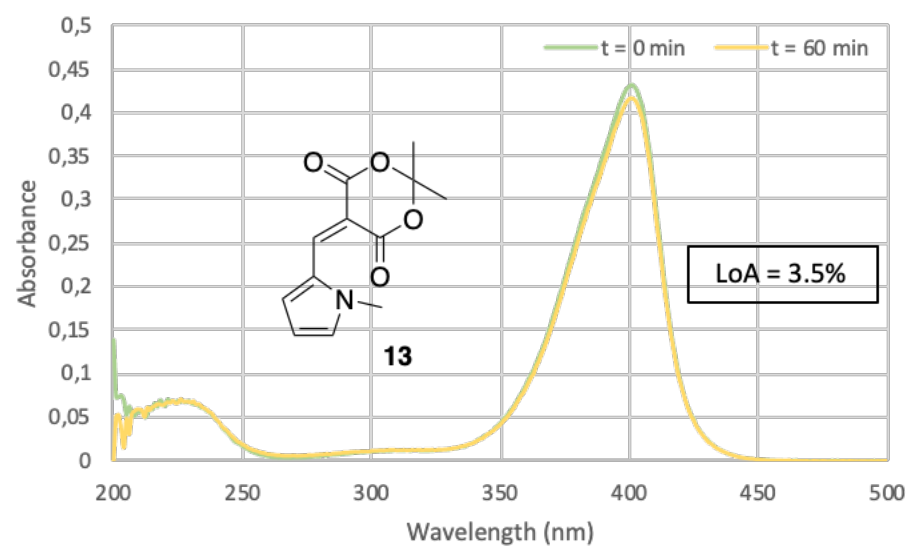
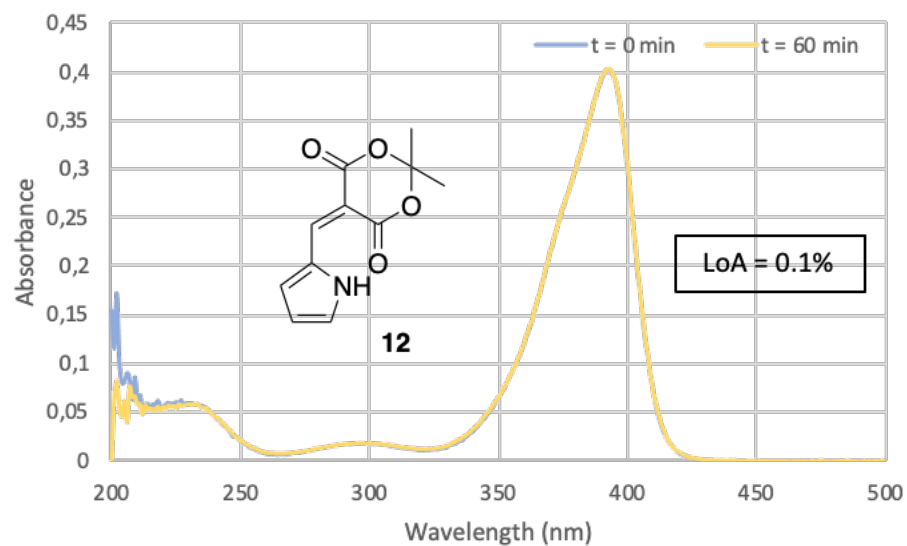
3.2. Furanic series

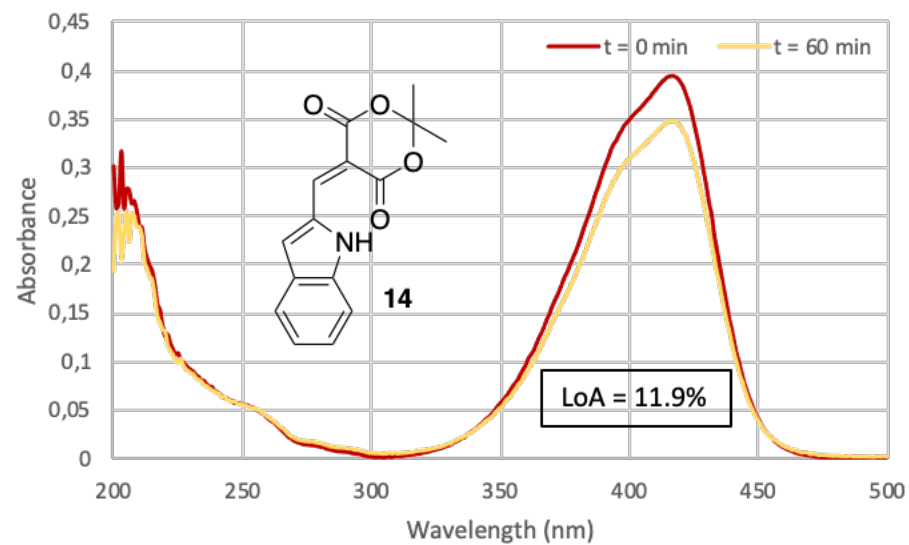




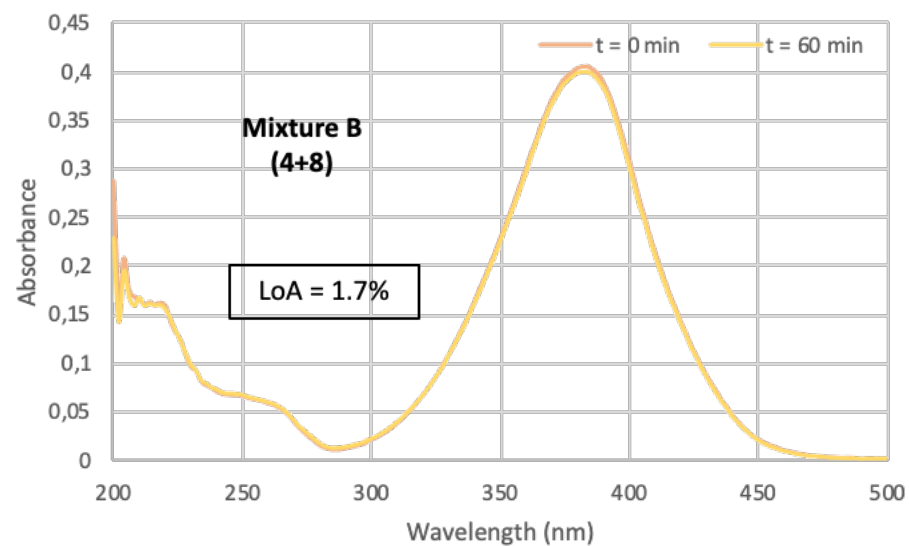
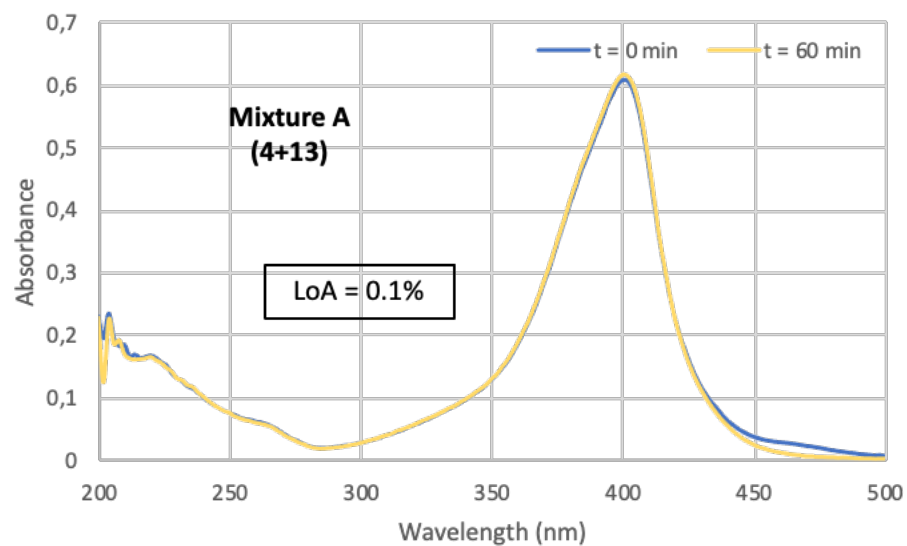


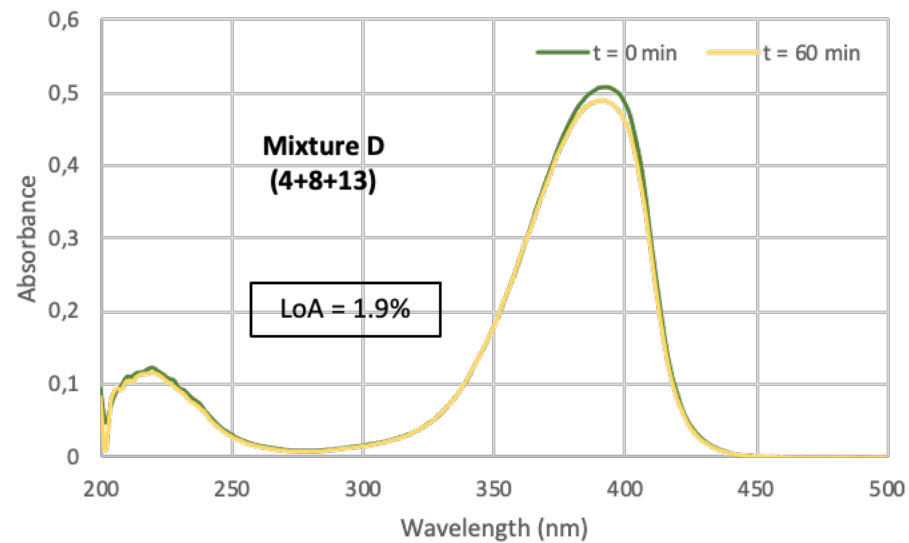
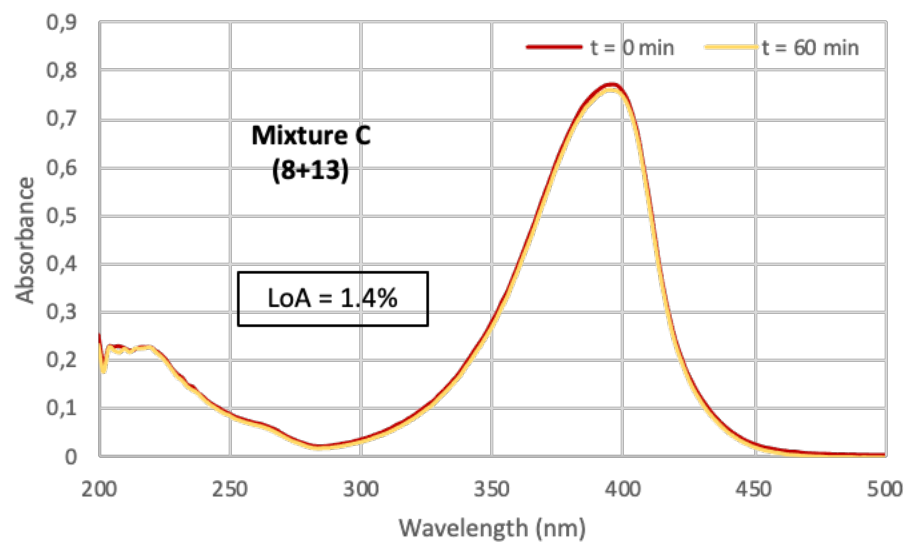
3.3. Pyrrolic series



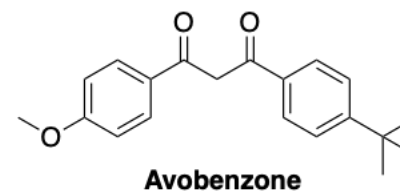
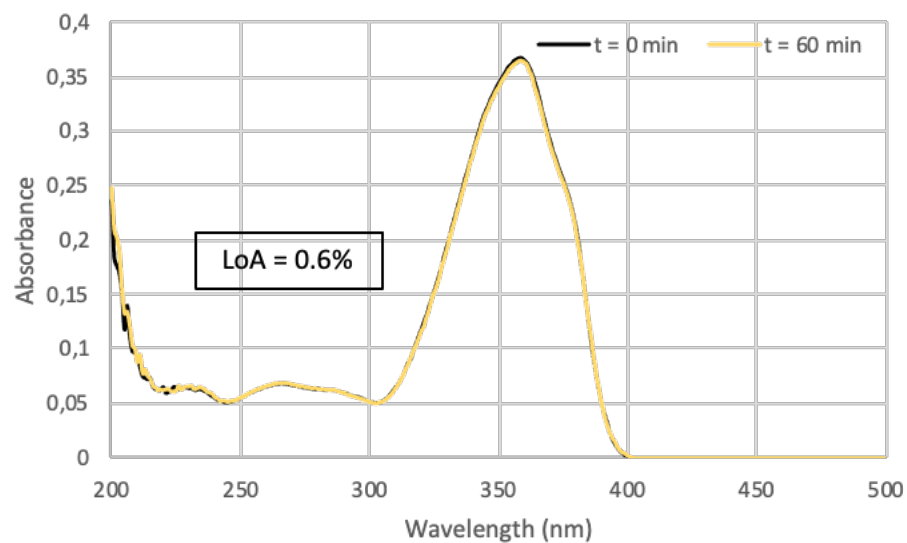


3.4. Mixtures



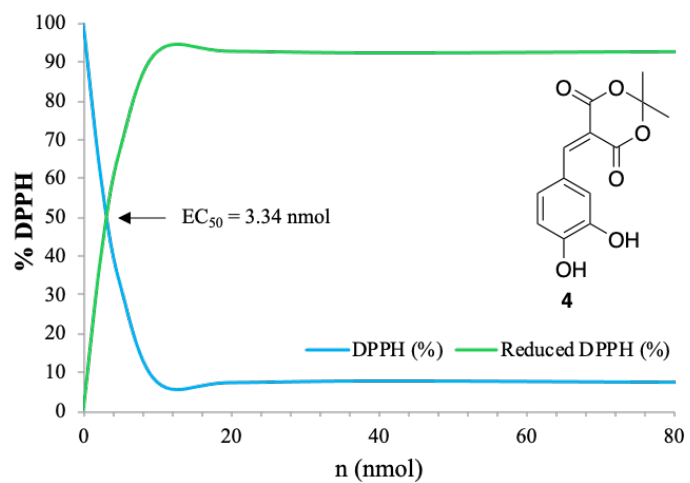
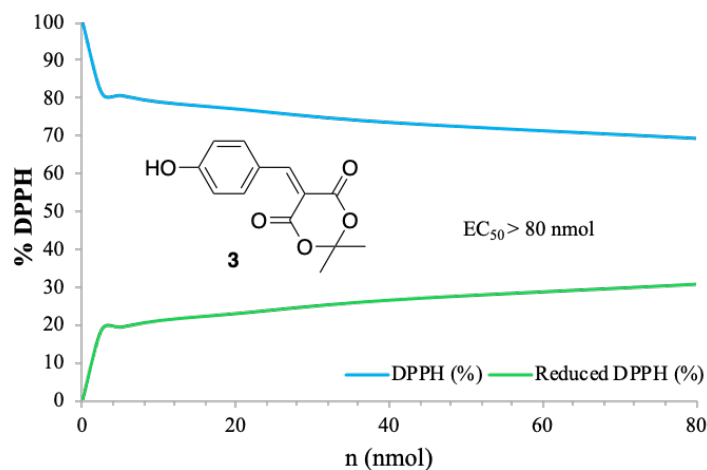
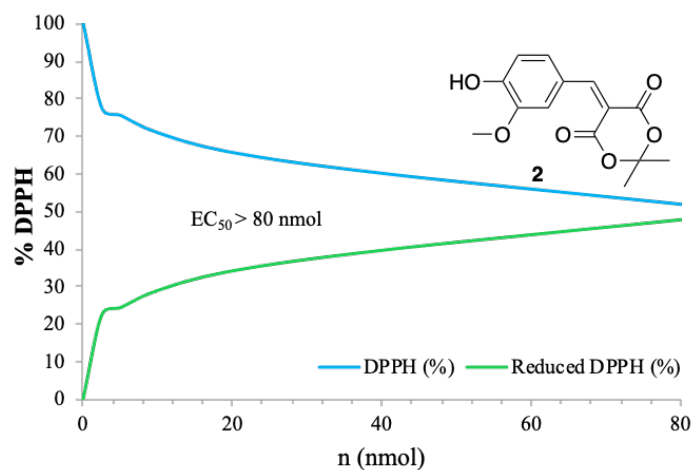
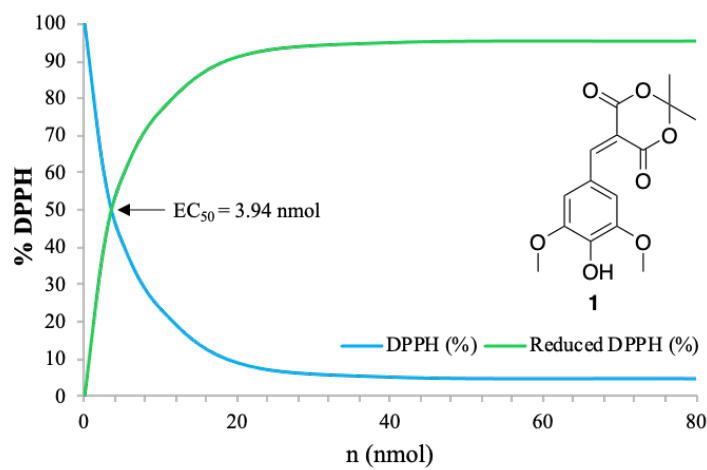


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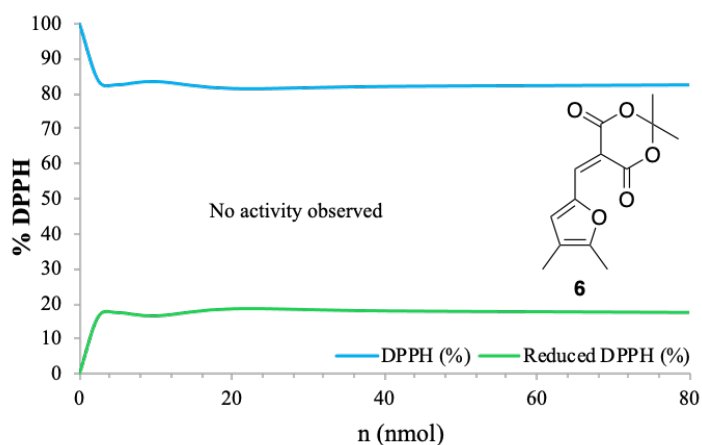
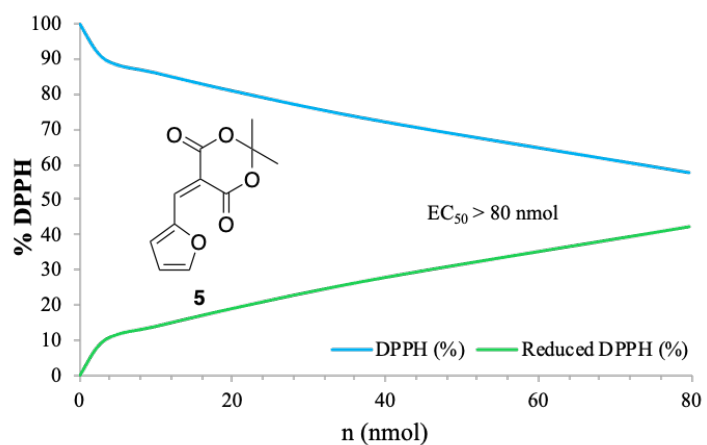


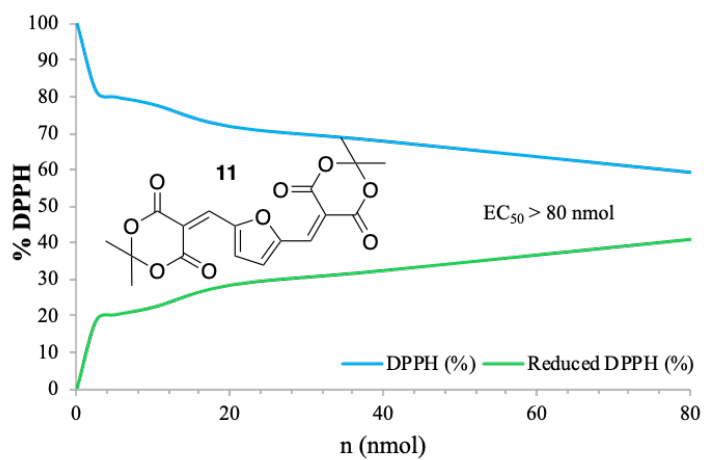
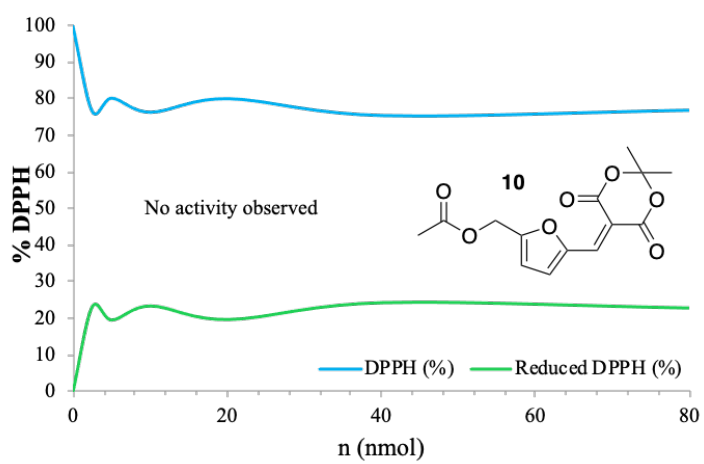
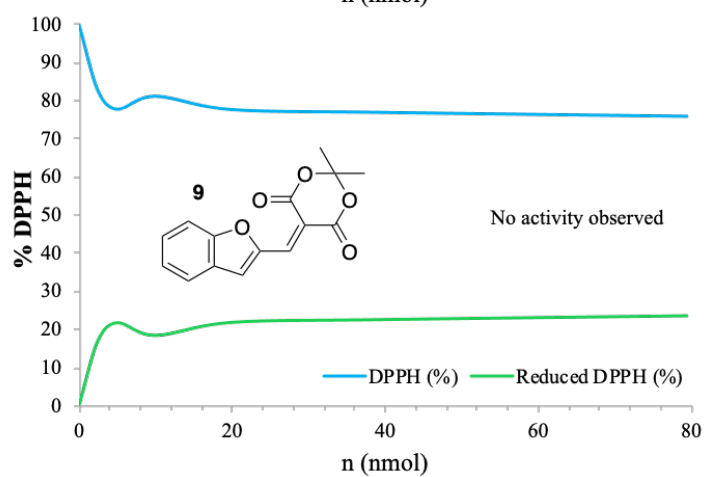
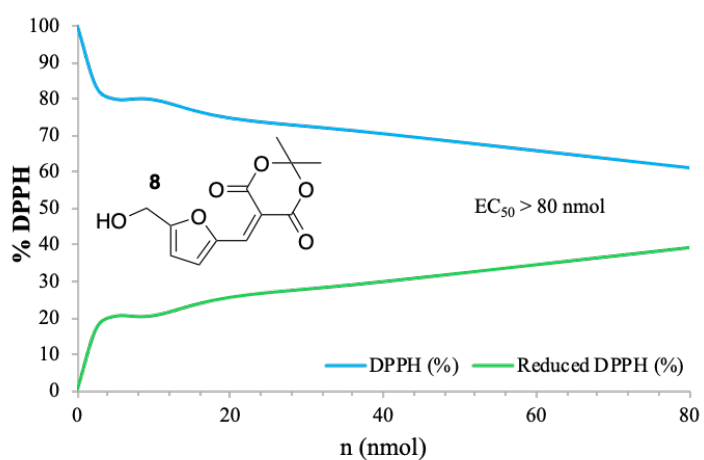
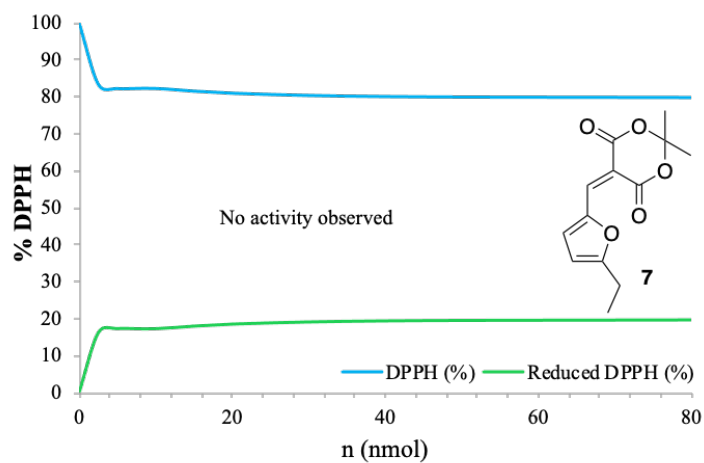
4. DPPH assays

4.1. Phenolic series

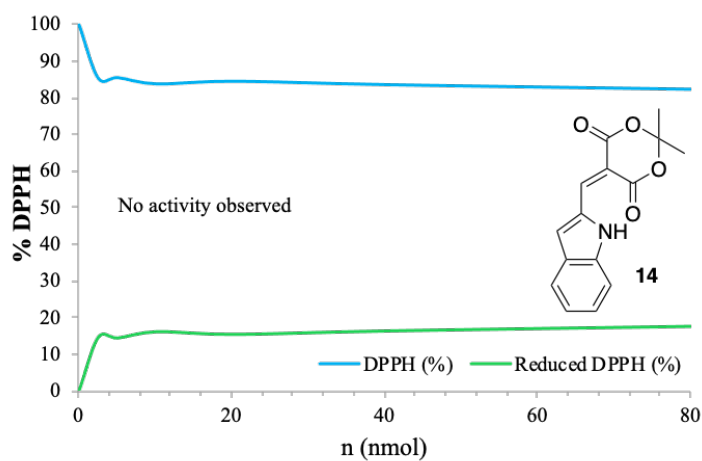
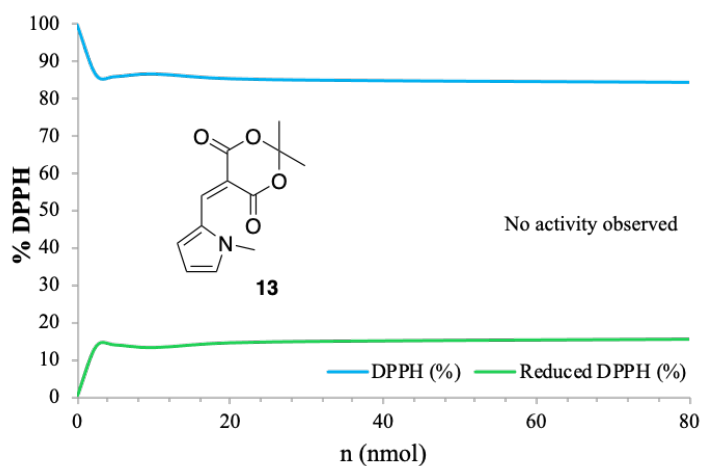
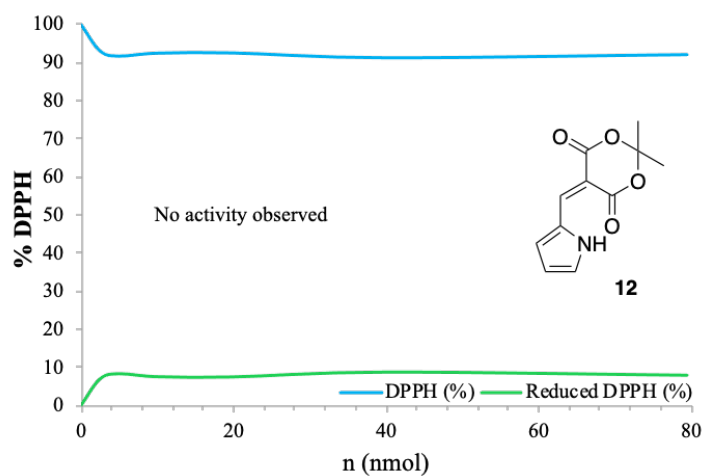


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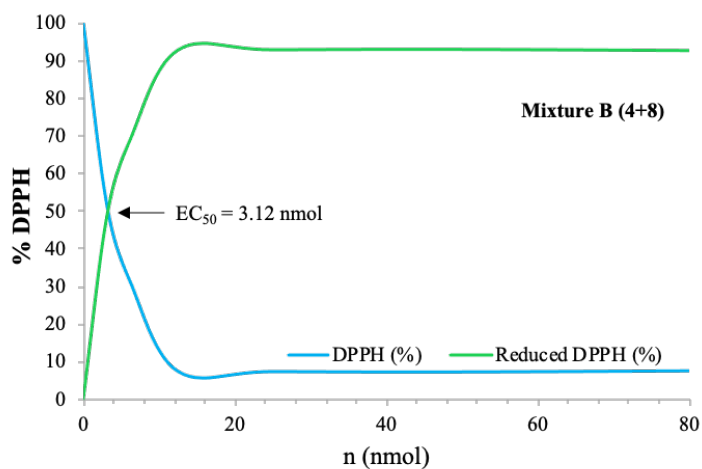
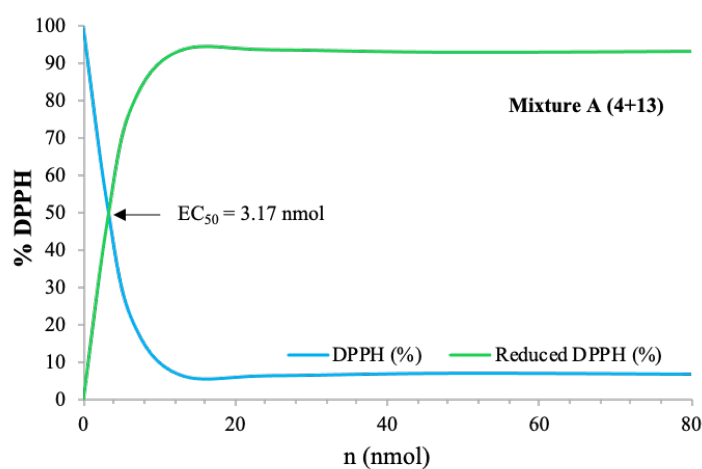


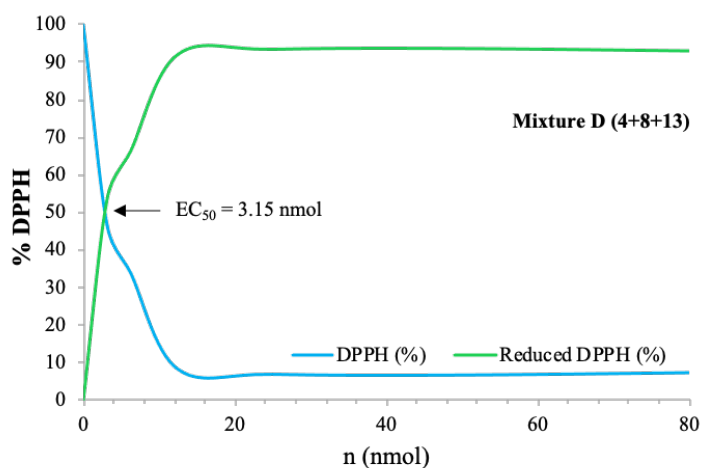
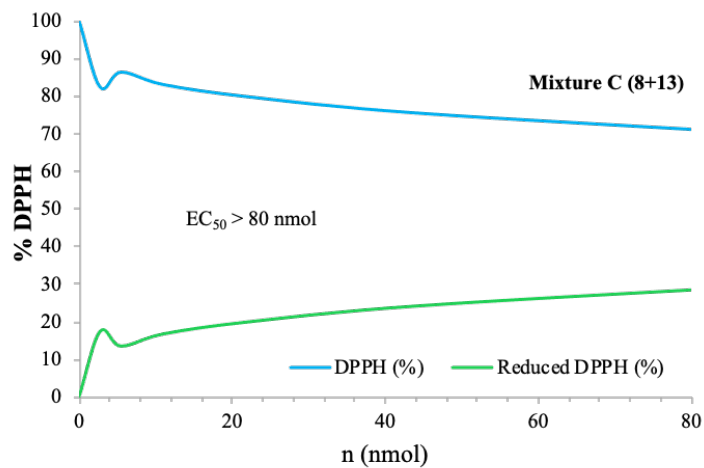


4.3. Pyrrolic series

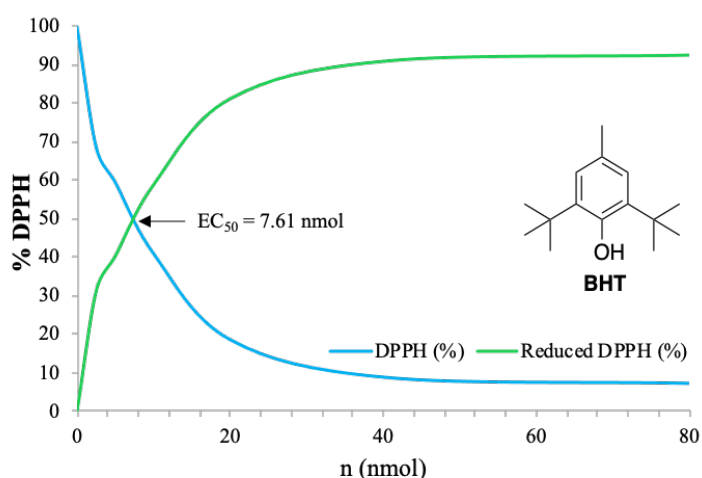
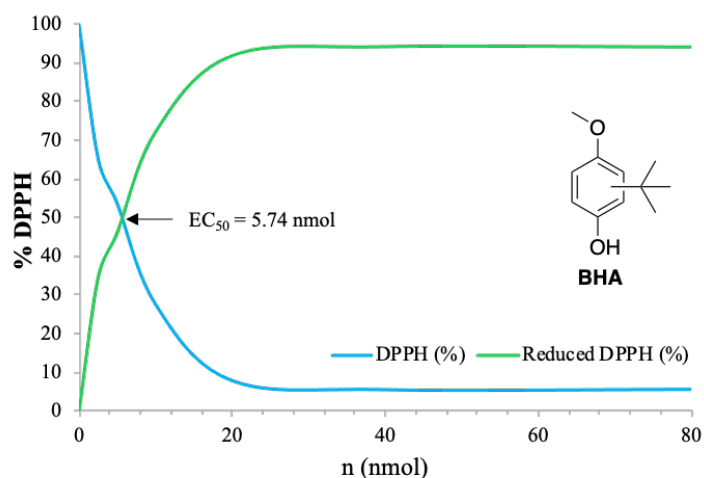


4.4. Mixtures





4.5. References



5. Tyrosinase inhibition

