

# Supporting Information

for

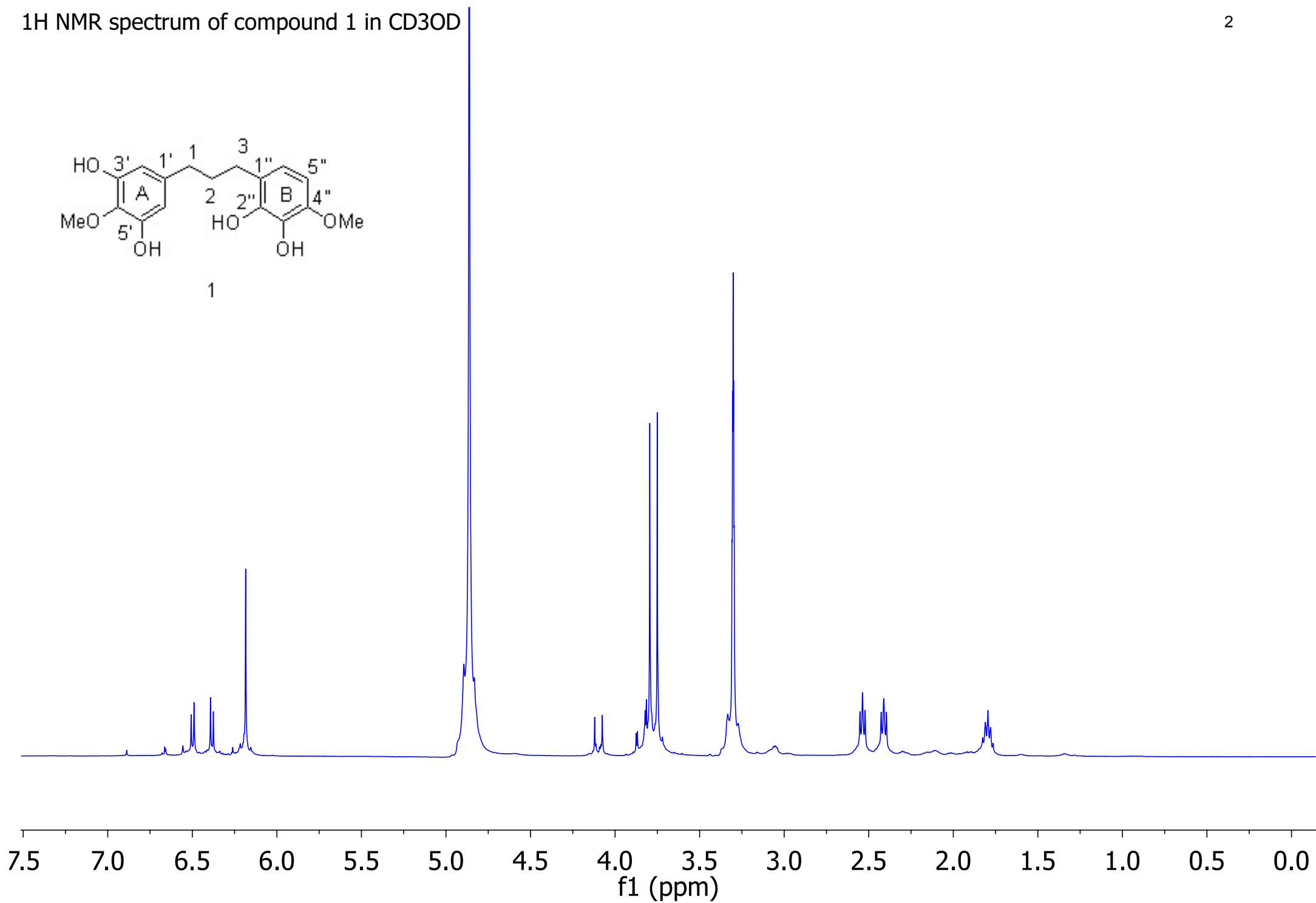
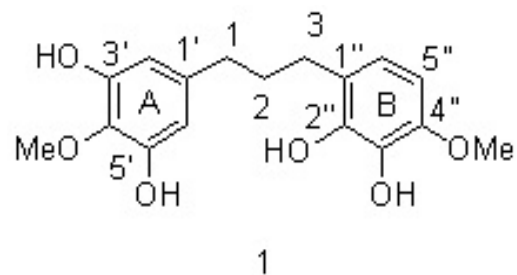
## Four Antiproliferative Diphenylpropanes and a Cyclohepta-dibenzofuran from *Bussea sakalava* from the Madagascar Dry Forest

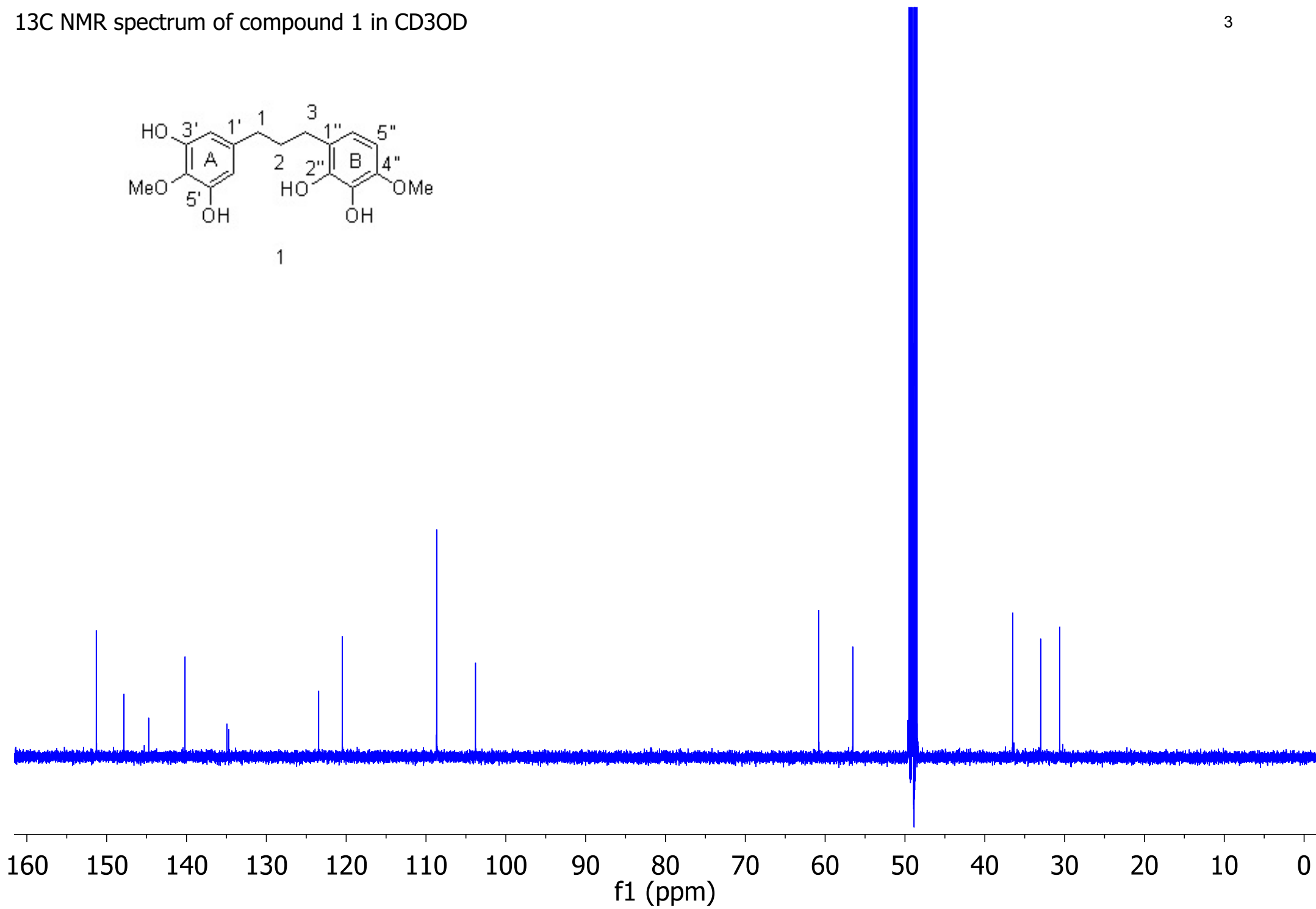
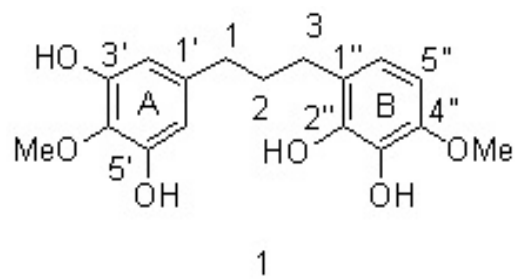
Ende Pan, Liva Harinantanaina, Peggy J. Brodie, James S. Miller, Martin W. Callmander, Stephan Rakotonandrasana, Etienne Rakotobe, Vincent E. Rasamison, and David G. I. Kingston

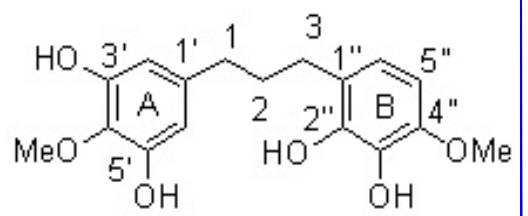
*Department of Chemistry, M/C 0212, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061, Missouri Botanical Garden, P. O. Box 299, St. Louis, Missouri 63166-0299, Missouri Botanical Garden, B. P. 3391, Antananarivo 101, Madagascar and Centre National d'Application et Recherches Pharmaceutiques, B. P. 702, Antananarivo 101, Madagascar*

### Contents

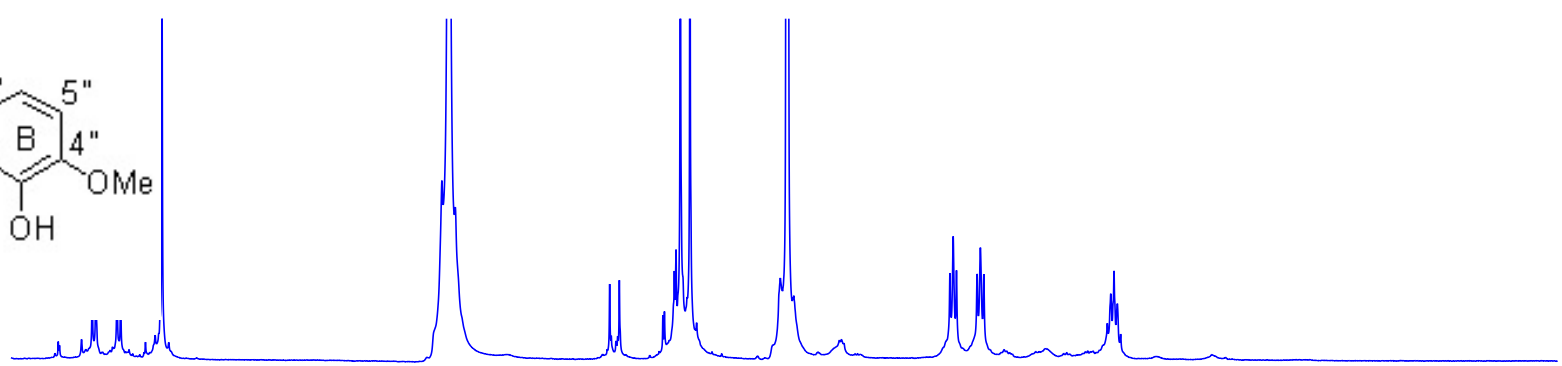
<sup>1</sup>H, <sup>13</sup>C, COSY, HMBC, HMQC, and NOESY spectra of bussealins A-E (1-5).



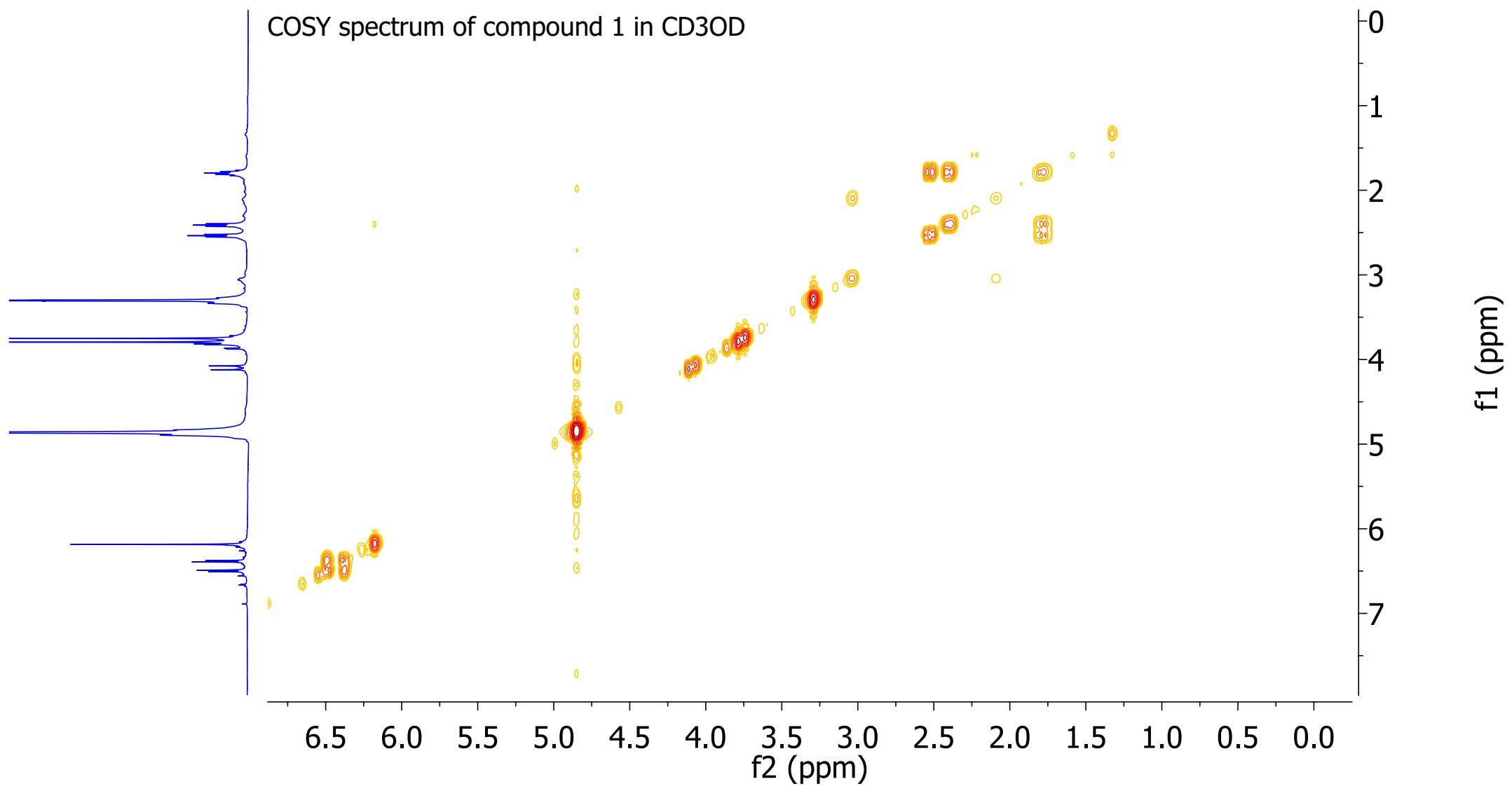


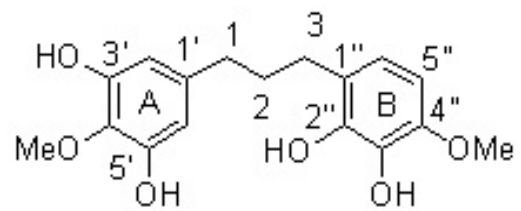


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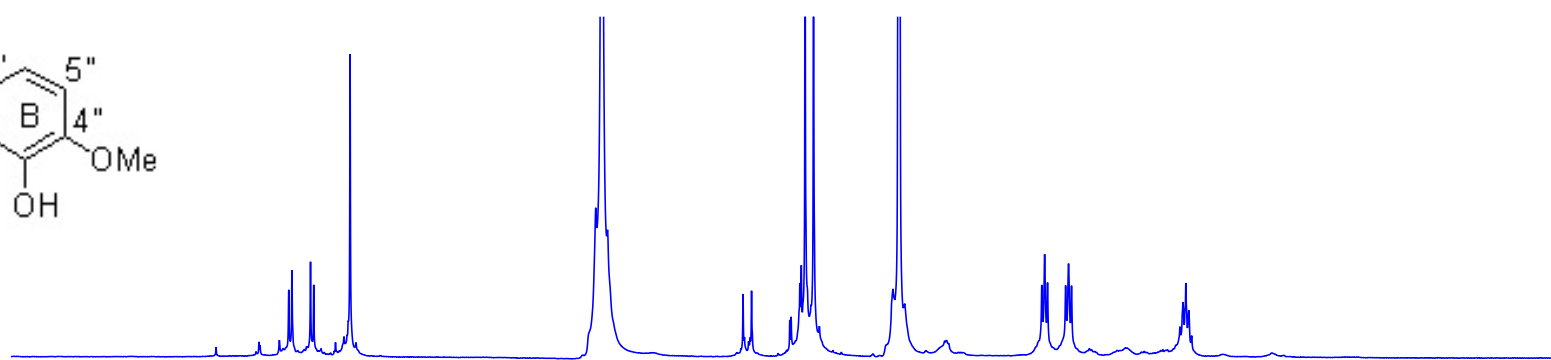


COSY spectrum of compound 1 in CD3OD

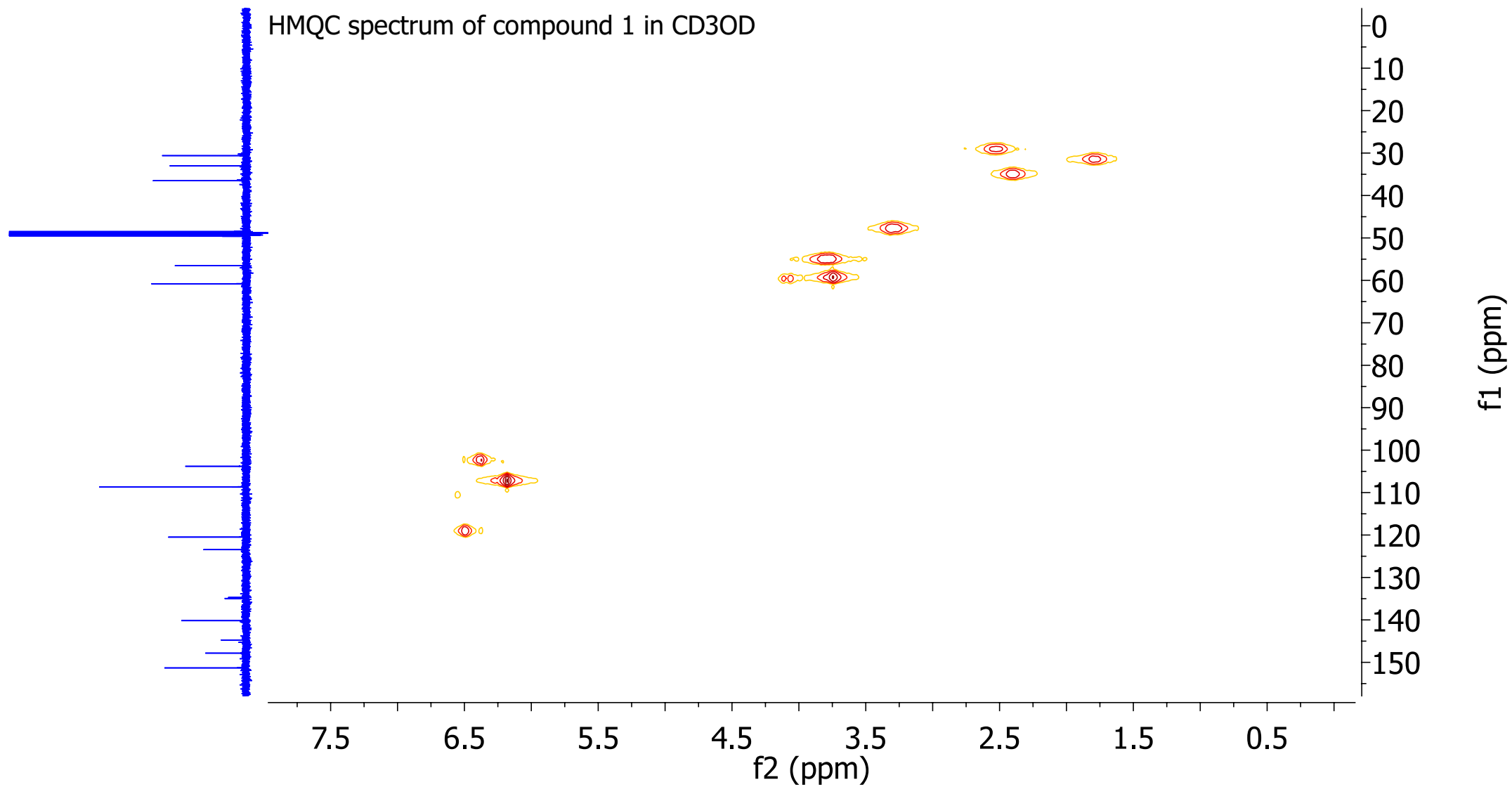


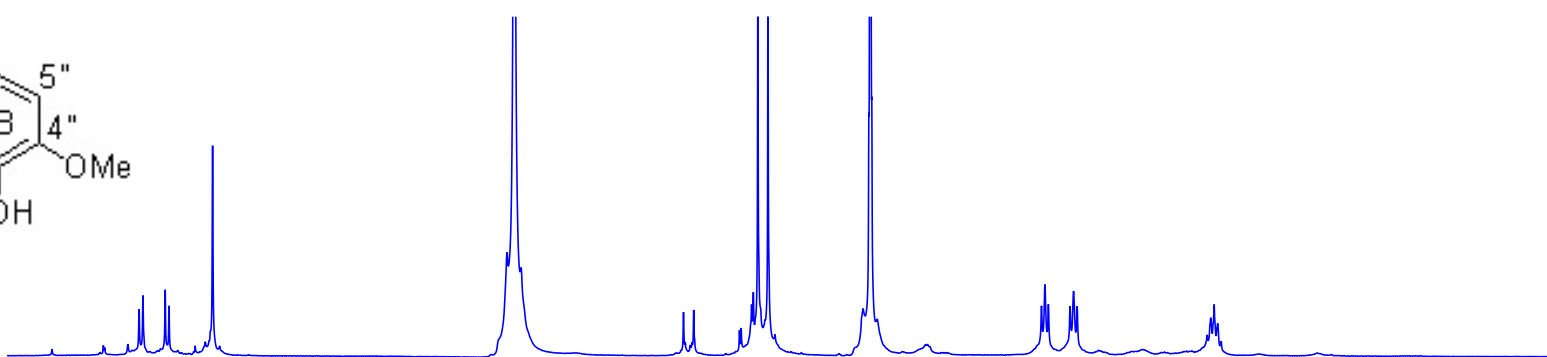
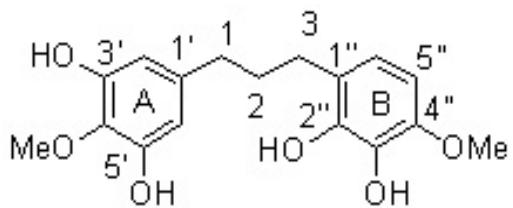
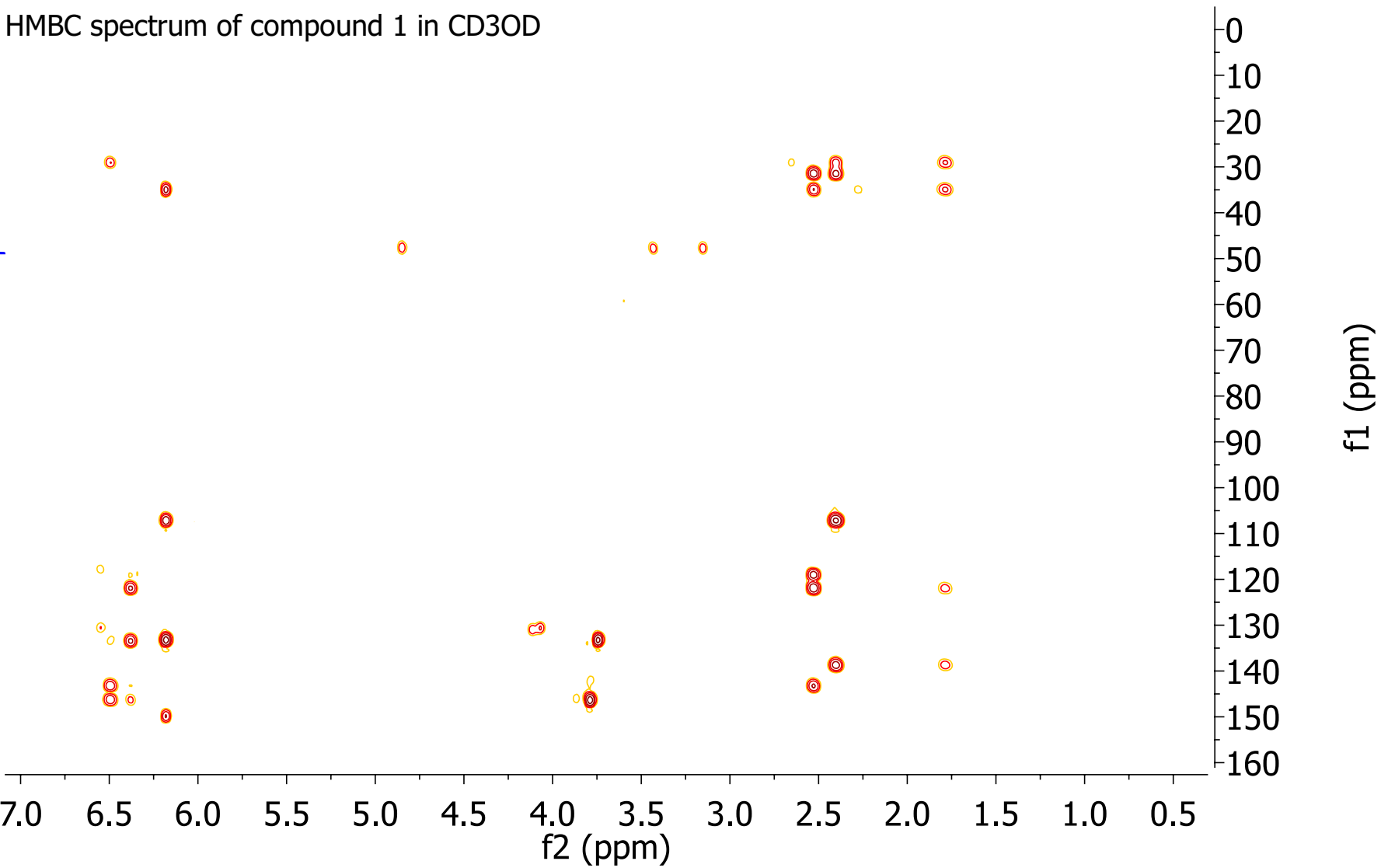


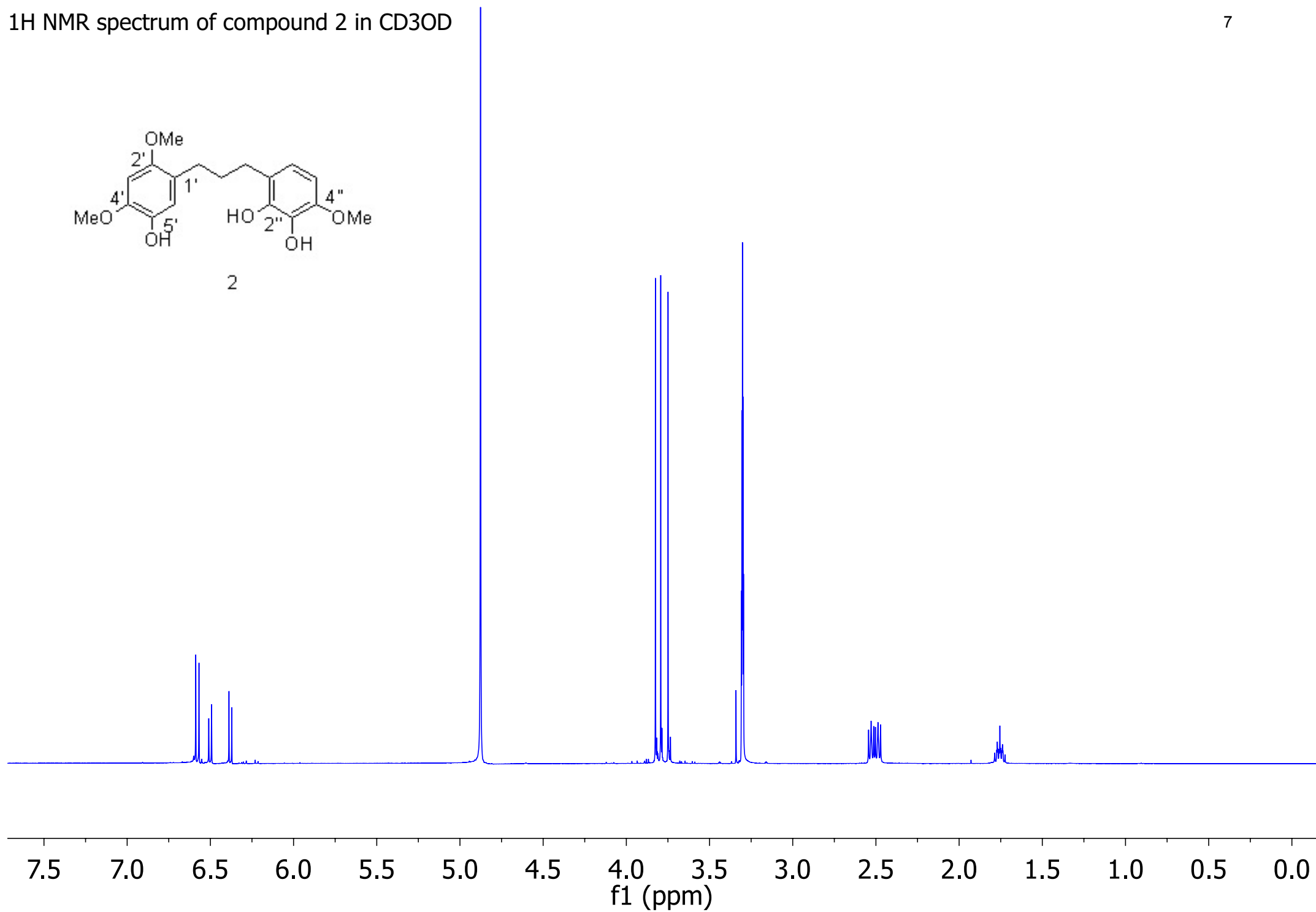
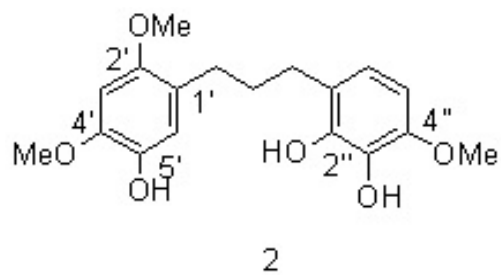
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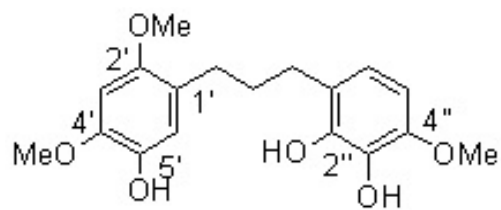
HMQC spectrum of compound 1 in CD3OD



HMBC spectrum of compound 1 in CD<sub>3</sub>OD



<sup>13</sup>C NMR spectrum of 2 in CD<sub>3</sub>OD

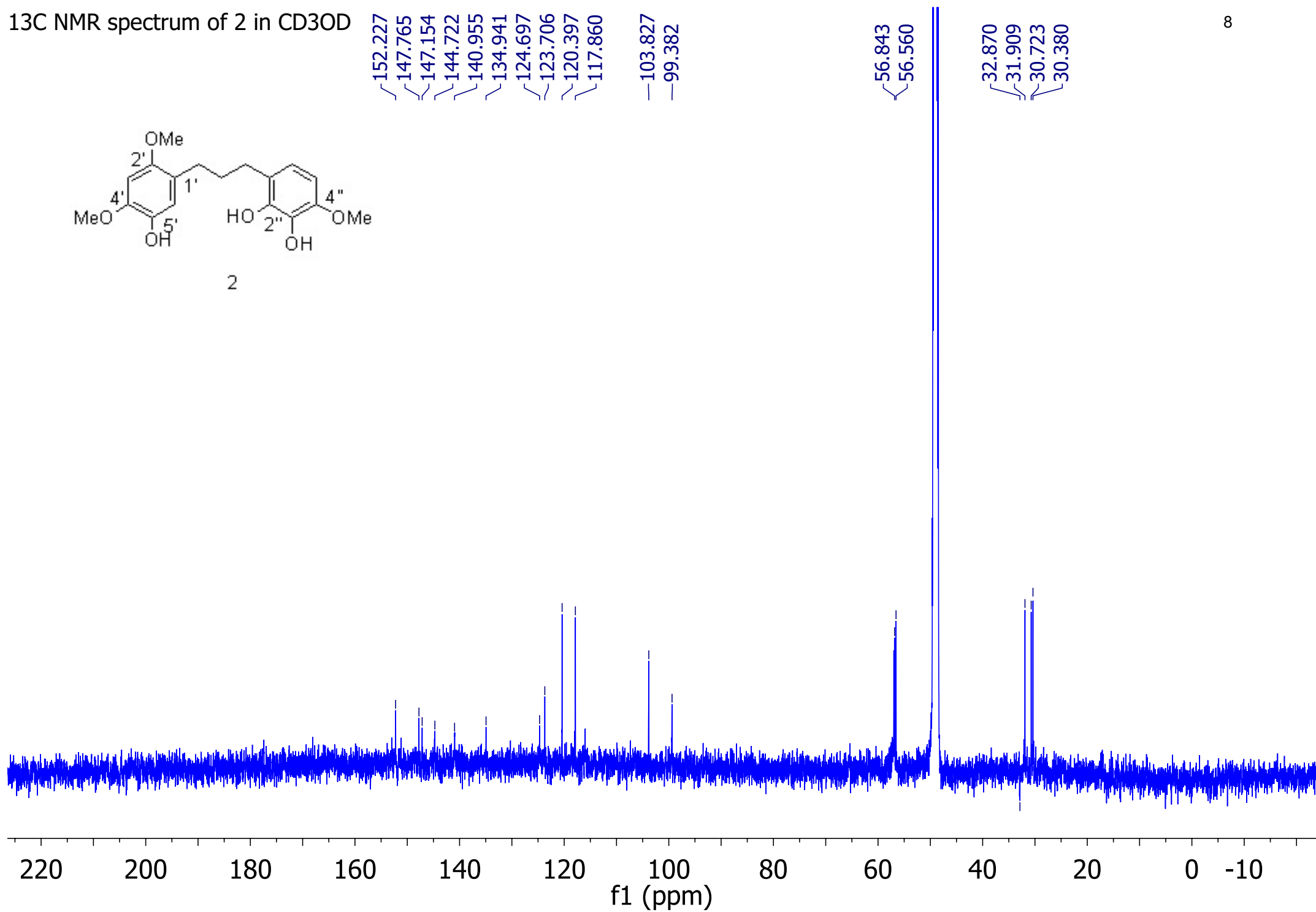


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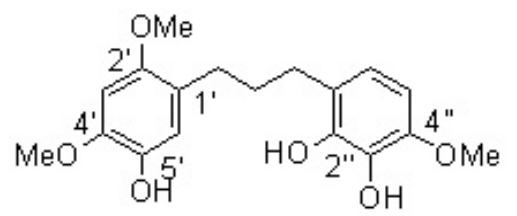
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147.154  
144.722  
140.955  
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124.697  
123.706  
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103.827  
99.382

56.843  
56.560

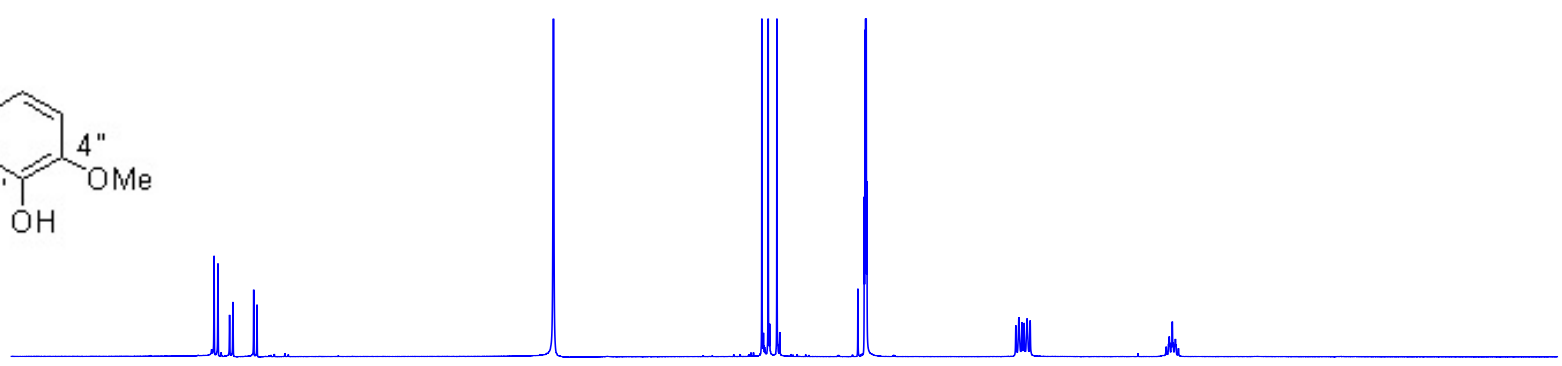
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31.909  
30.723  
30.380



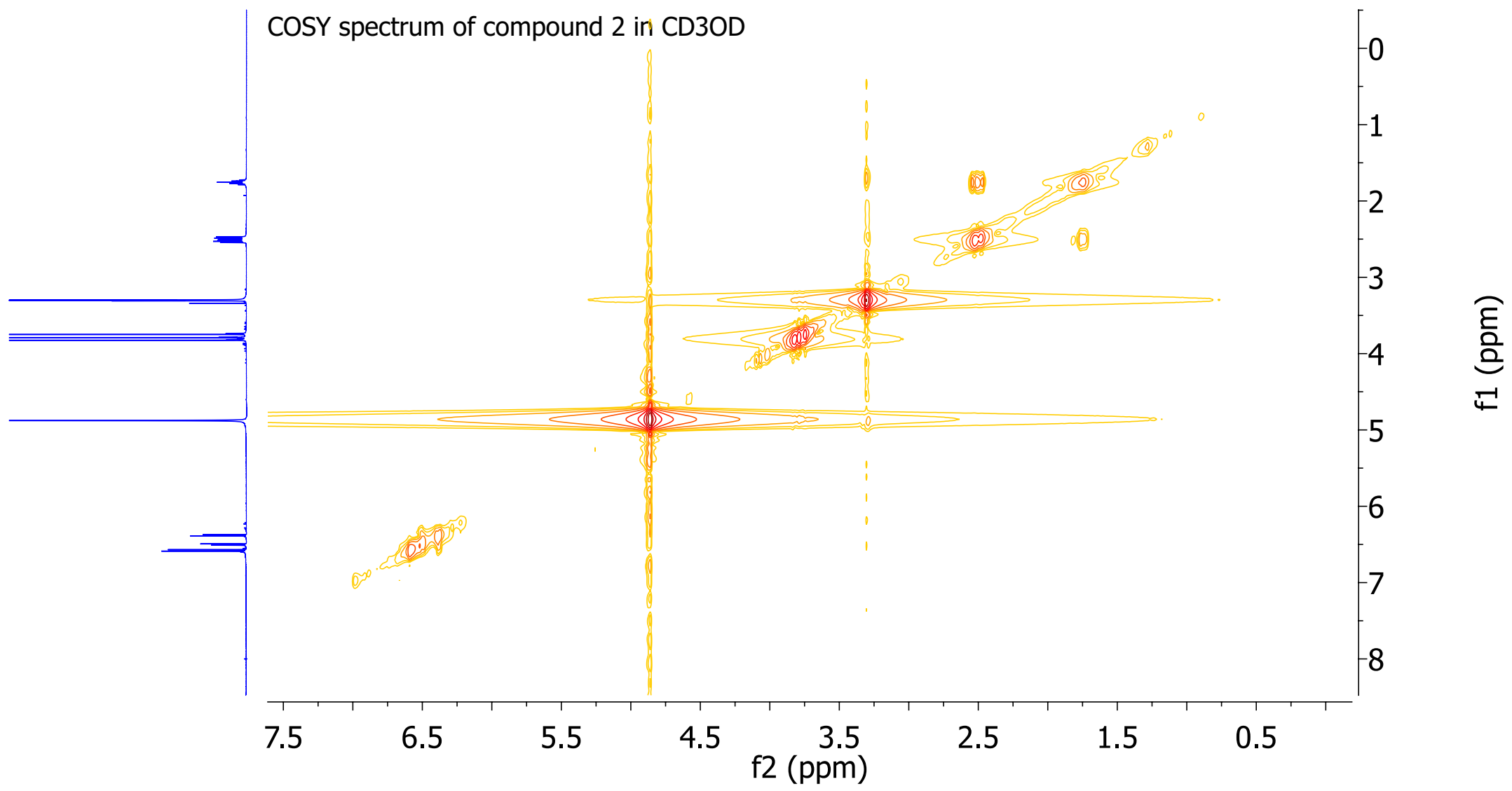


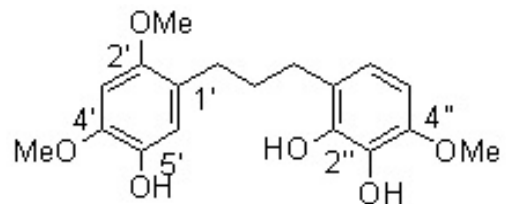


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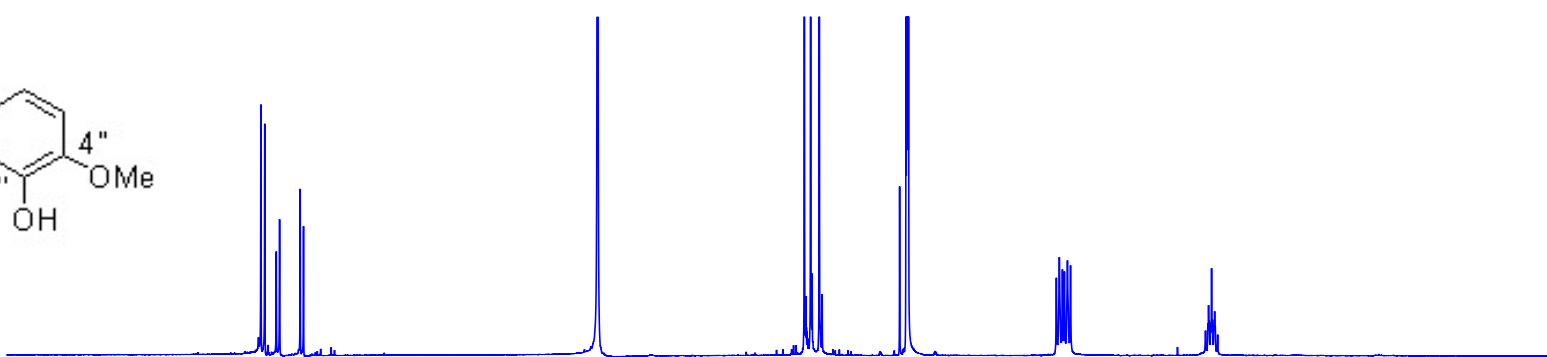
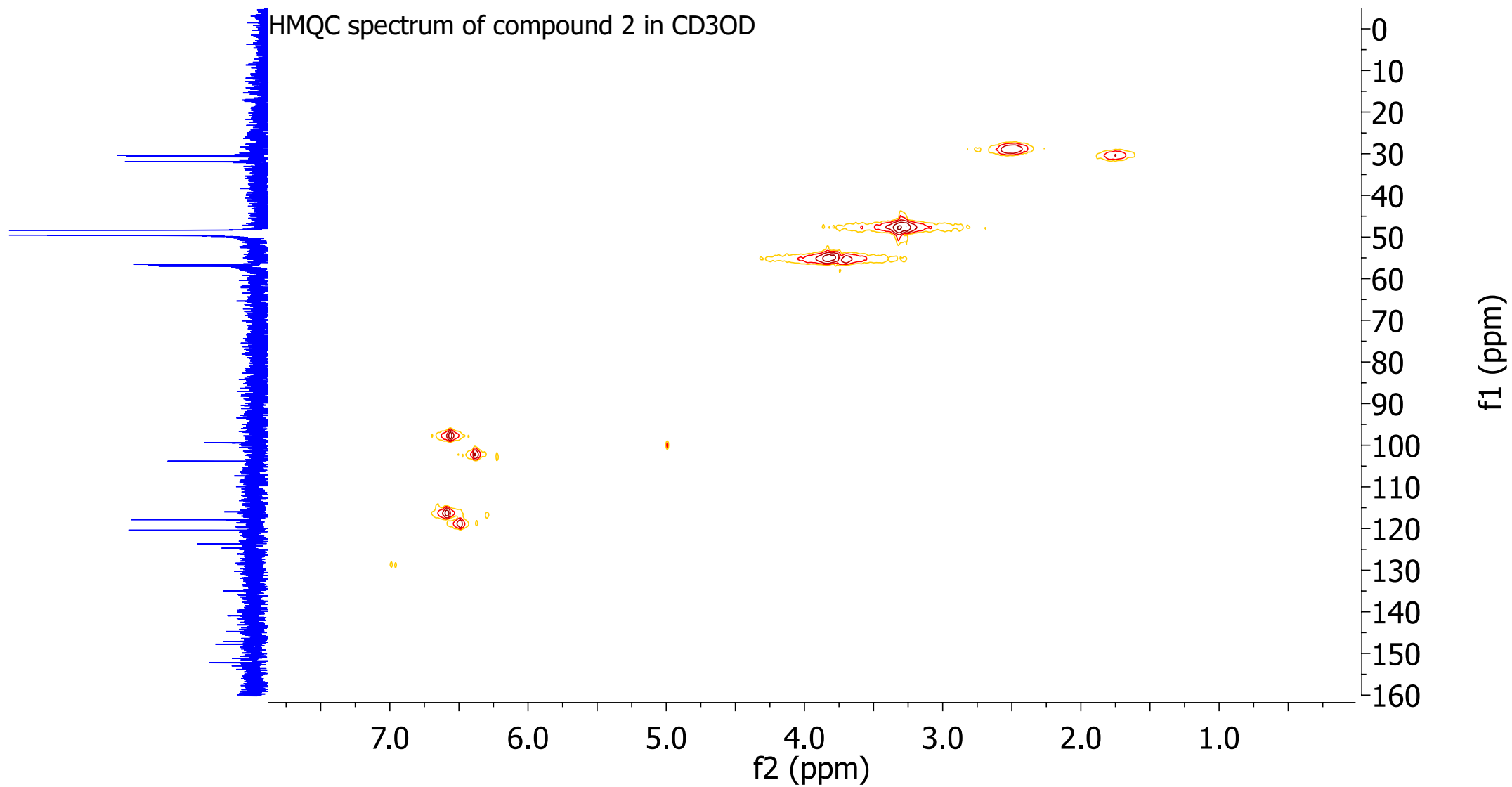


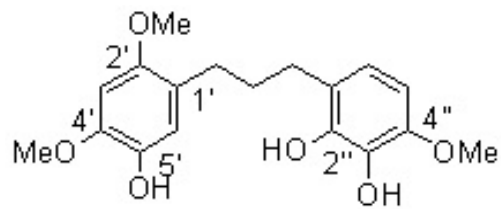
COSY spectrum of compound 2 in CD3OD



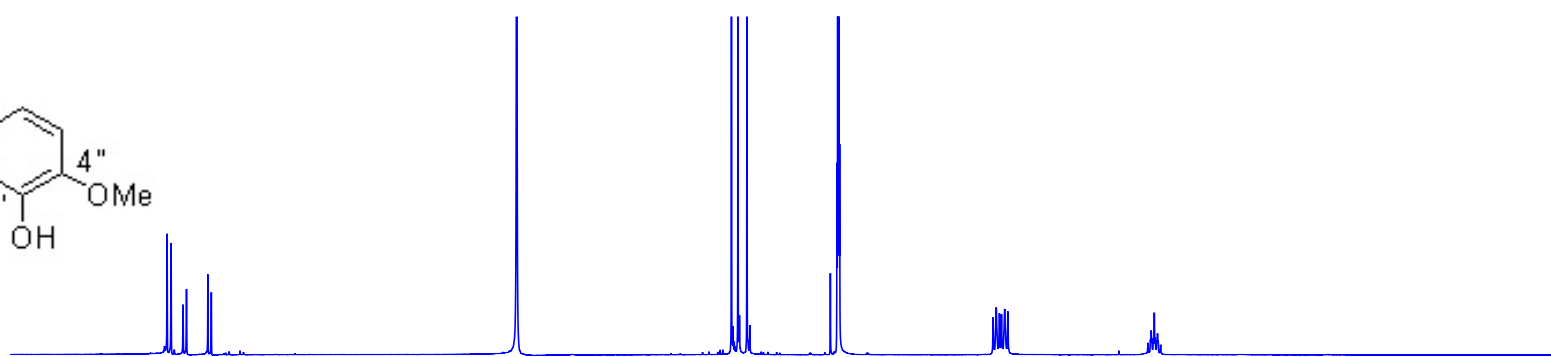
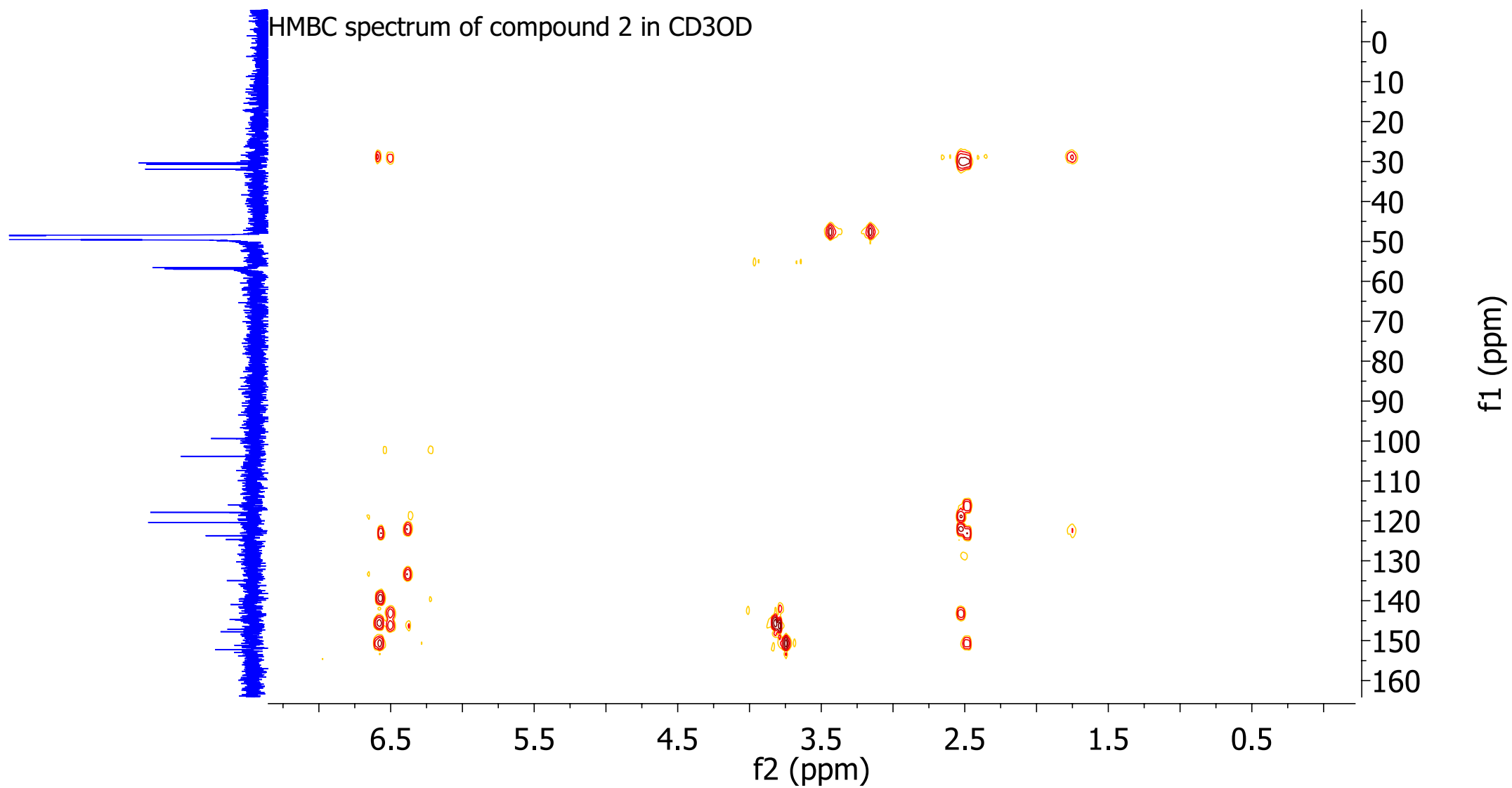


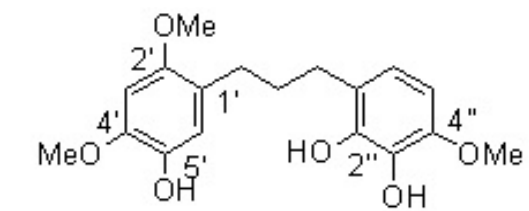
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HMQC spectrum of compound 2 in  $\text{CD}_3\text{OD}$ 

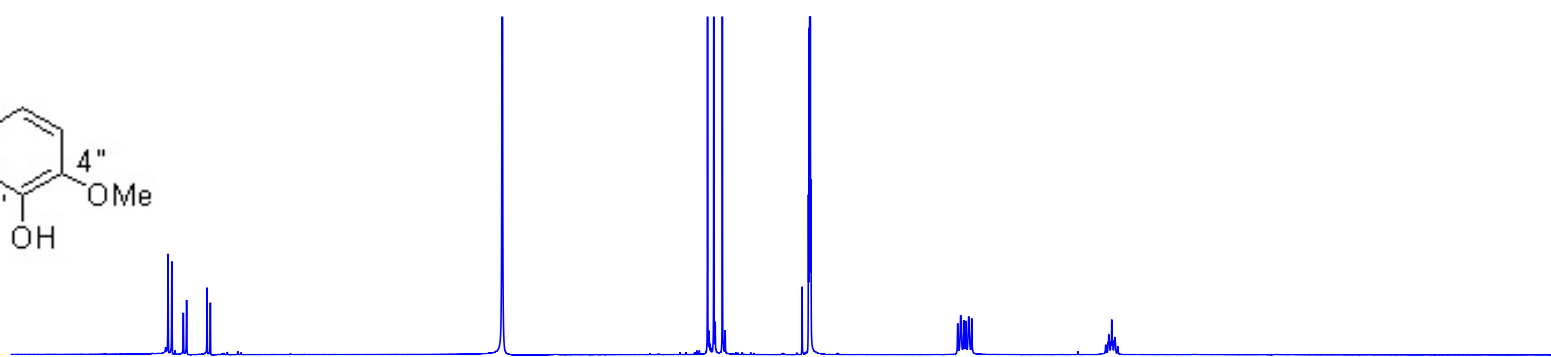
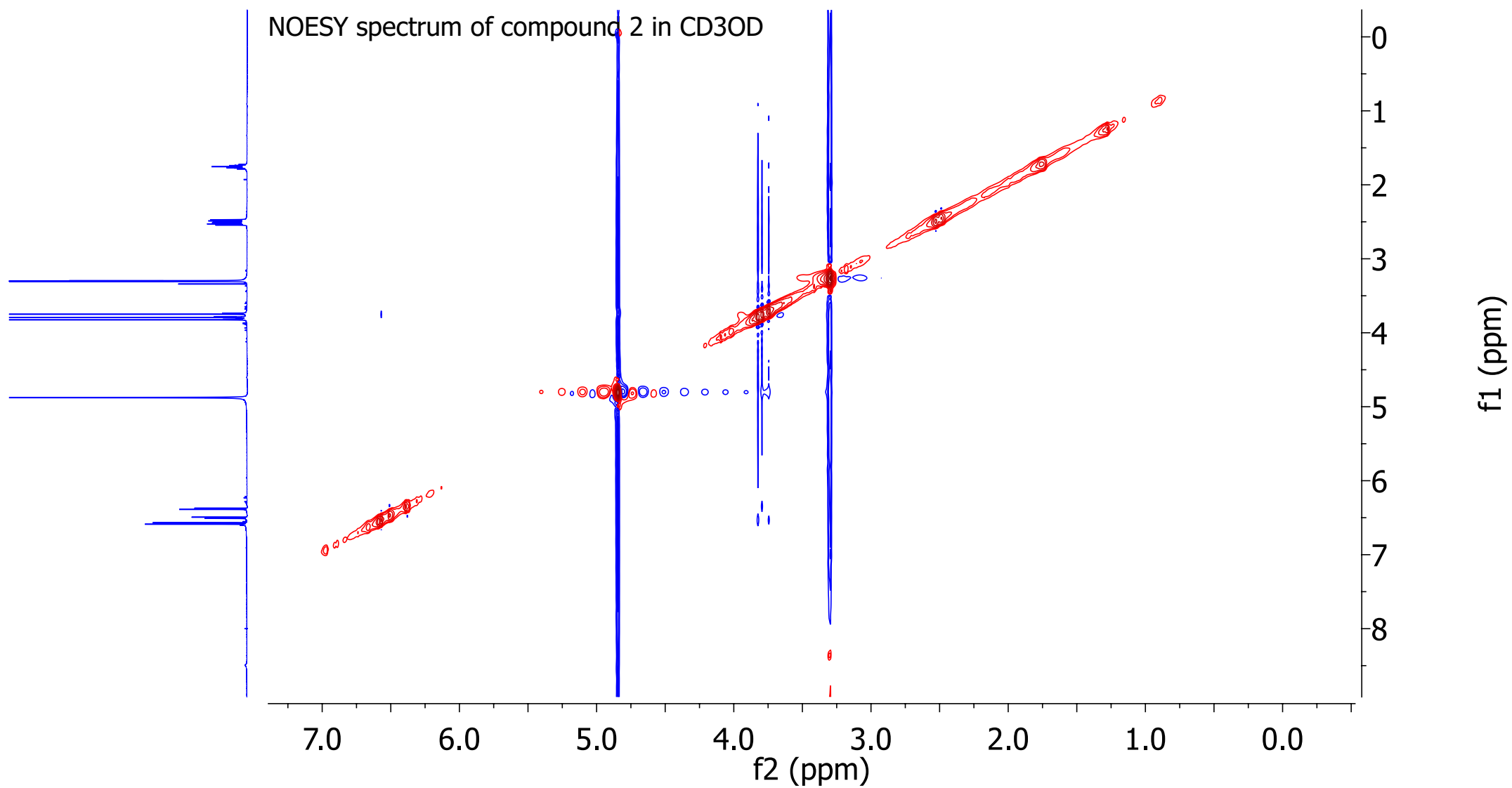


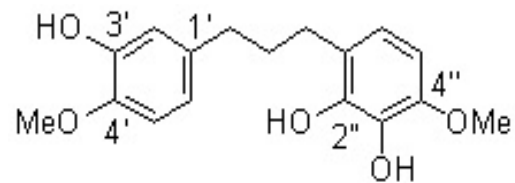
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HMBC spectrum of compound 2 in  $\text{CD}_3\text{OD}$ 

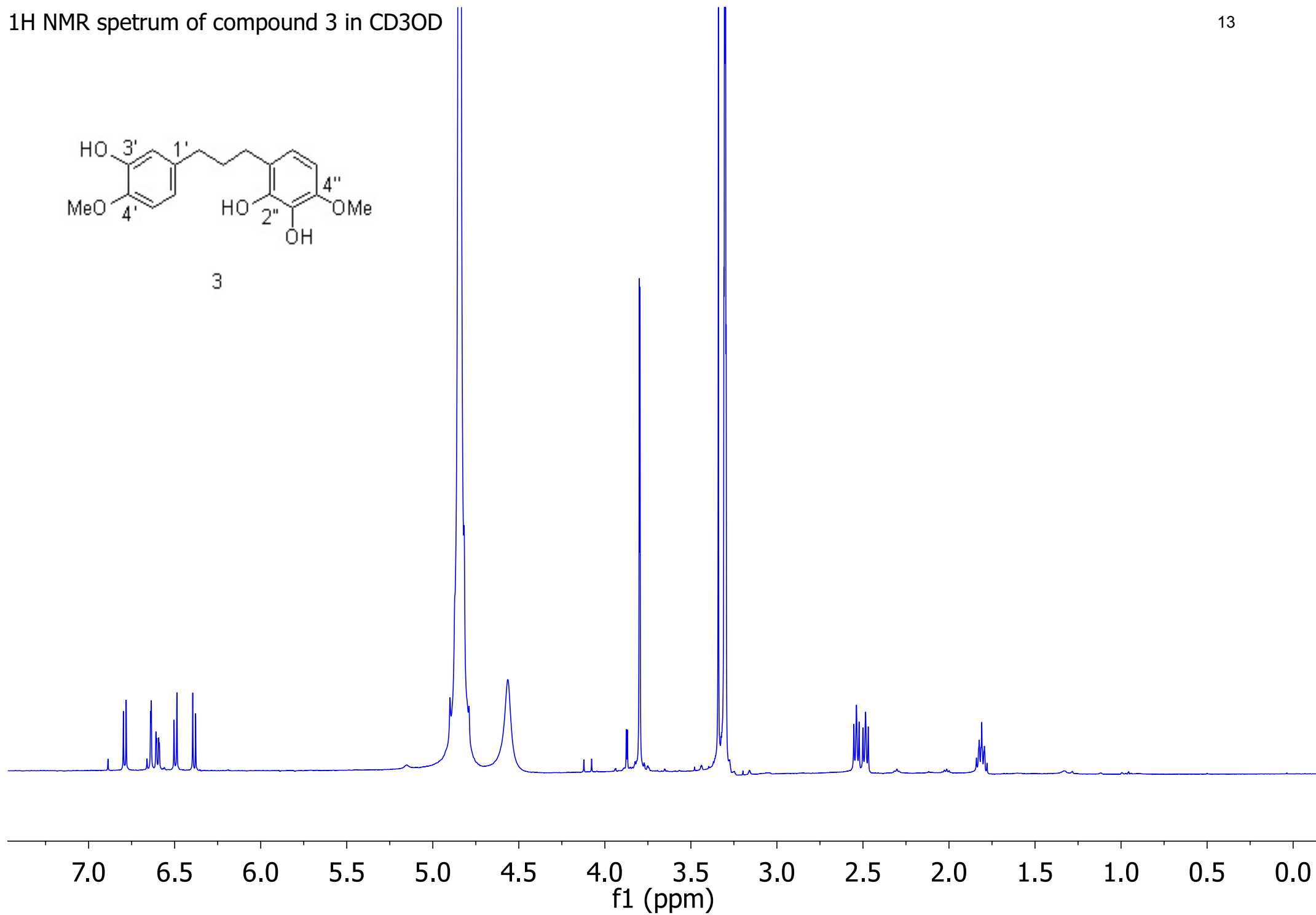


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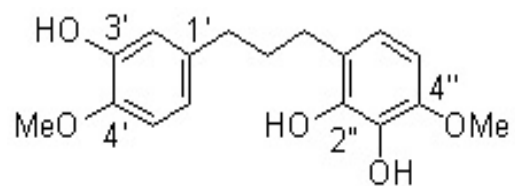
NOESY spectrum of compound 2 in  $\text{CD}_3\text{OD}$ 



3

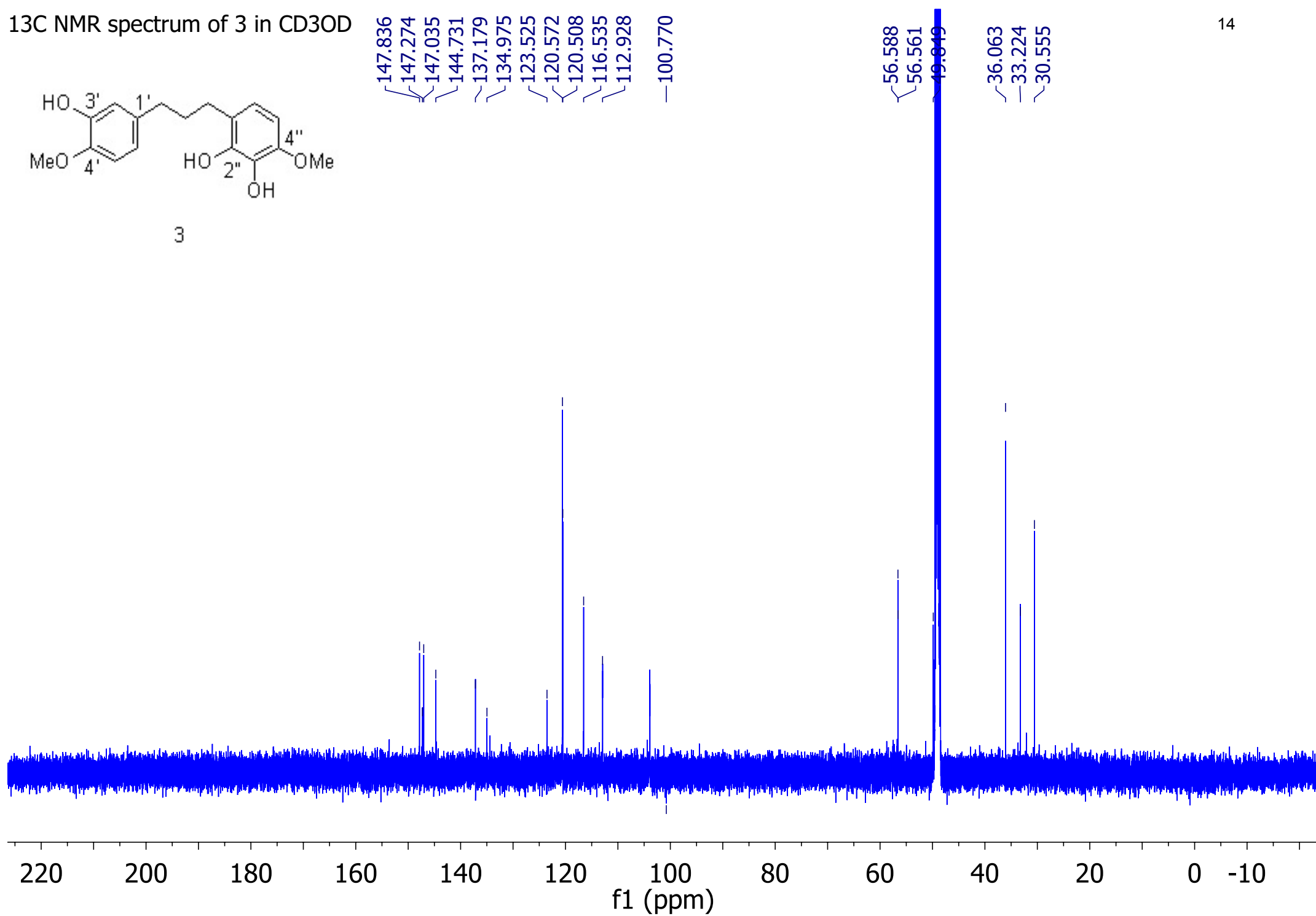


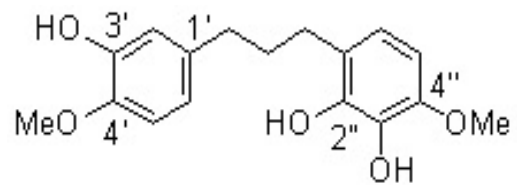
<sup>13</sup>C NMR spectrum of 3 in CD<sub>3</sub>OD



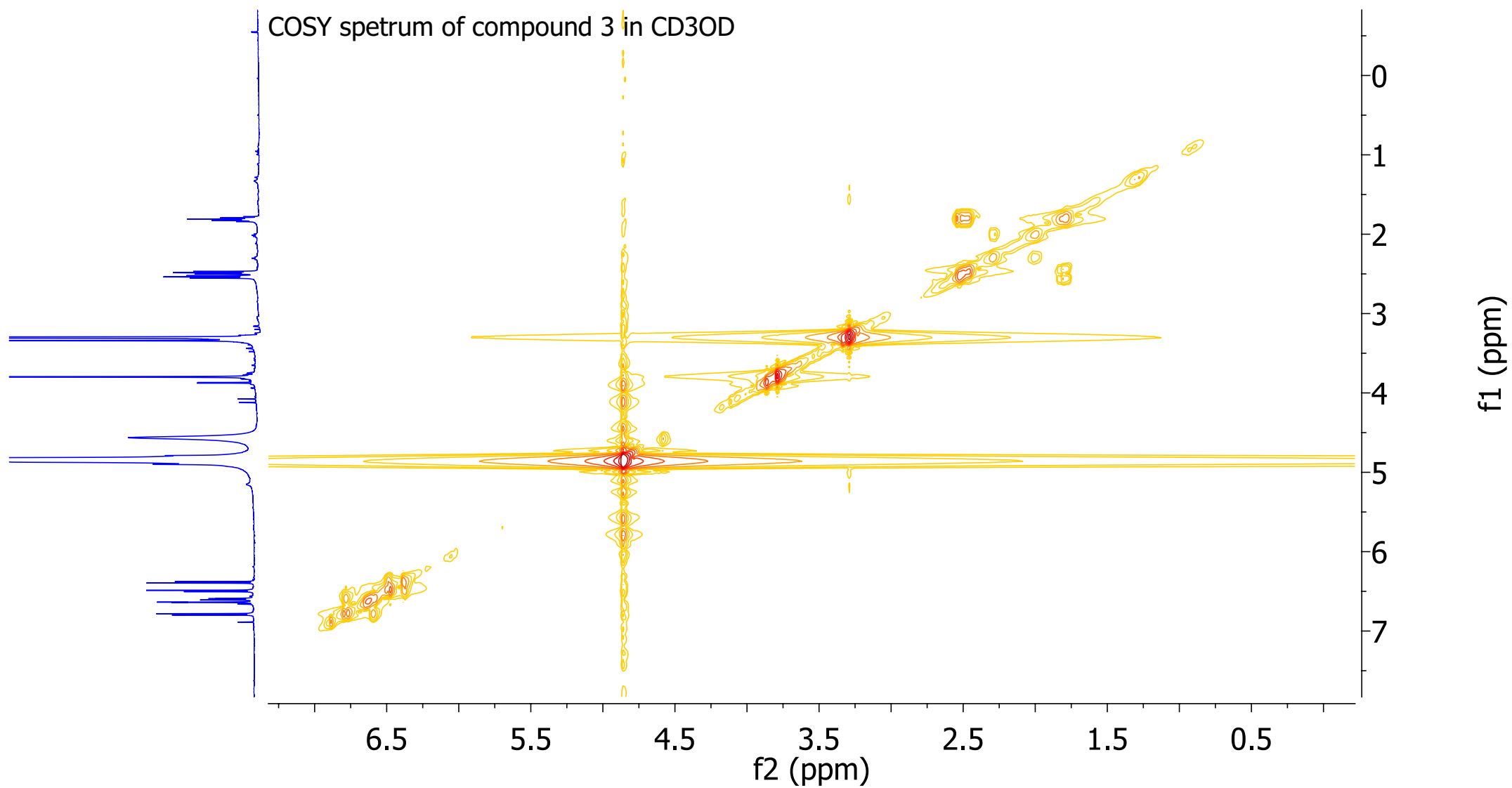
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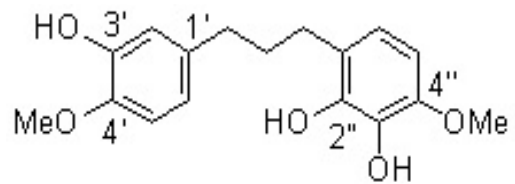
- 147.836
- 147.274
- 147.035
- 144.731
- 137.179
- 134.975
- 123.525
- 120.572
- 120.508
- 116.535
- 112.928
- 100.770
- 56.588
- 56.561
- 49.849
- 36.063
- 33.224
- 30.555



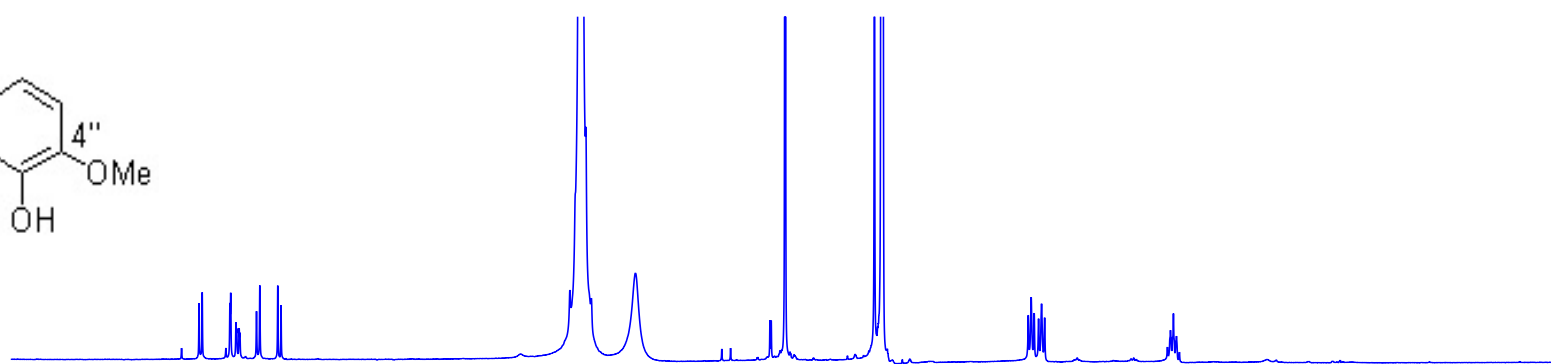
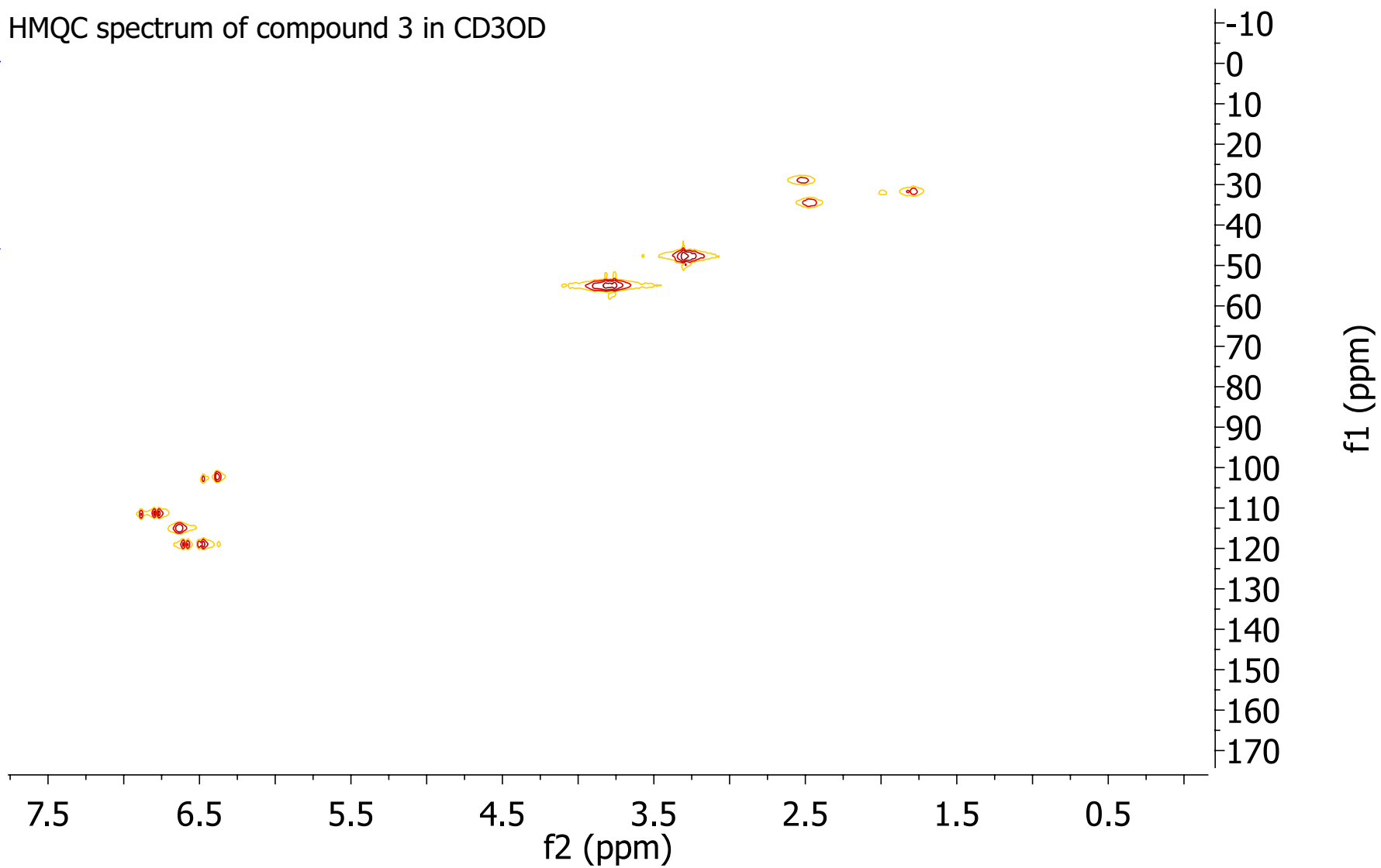


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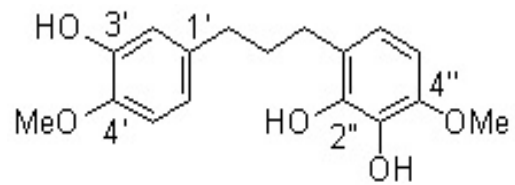
COSY spectrum of compound 3 in CD<sub>3</sub>OD



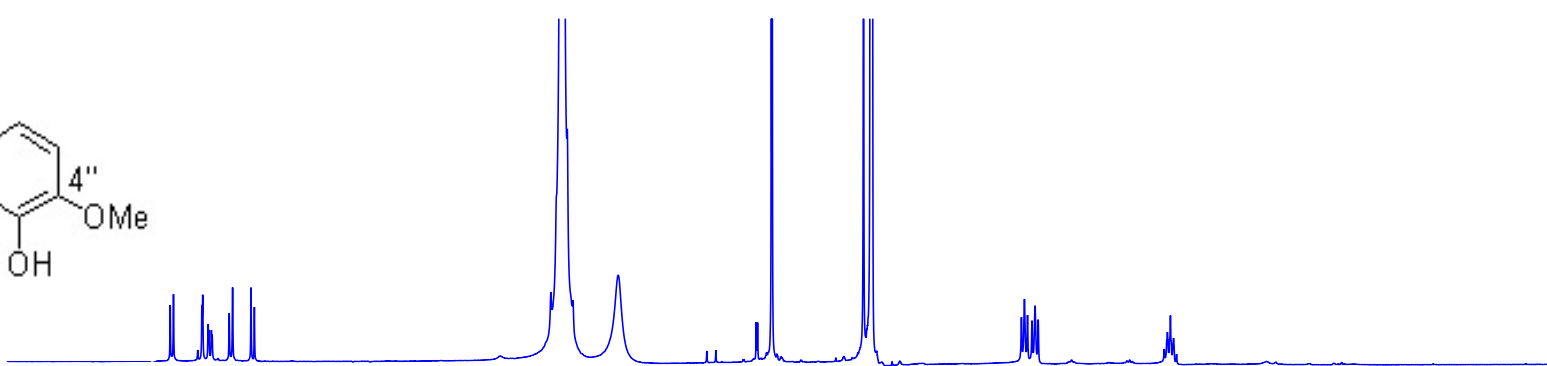
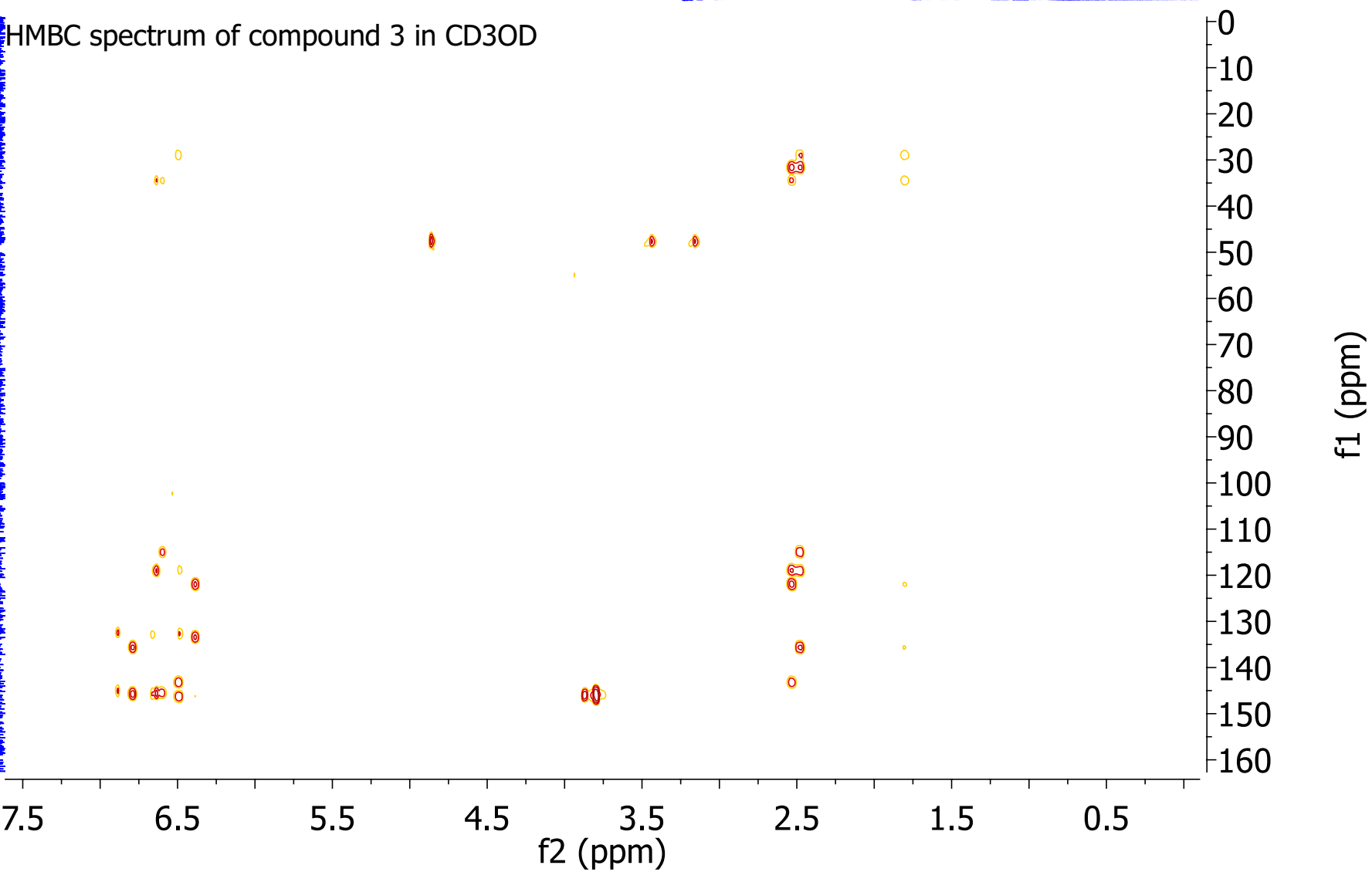
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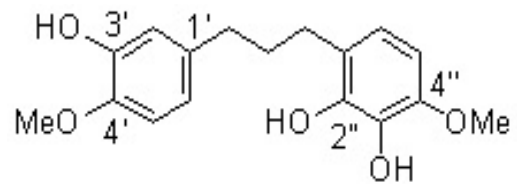
HMQC spectrum of compound 3 in CD<sub>3</sub>OD



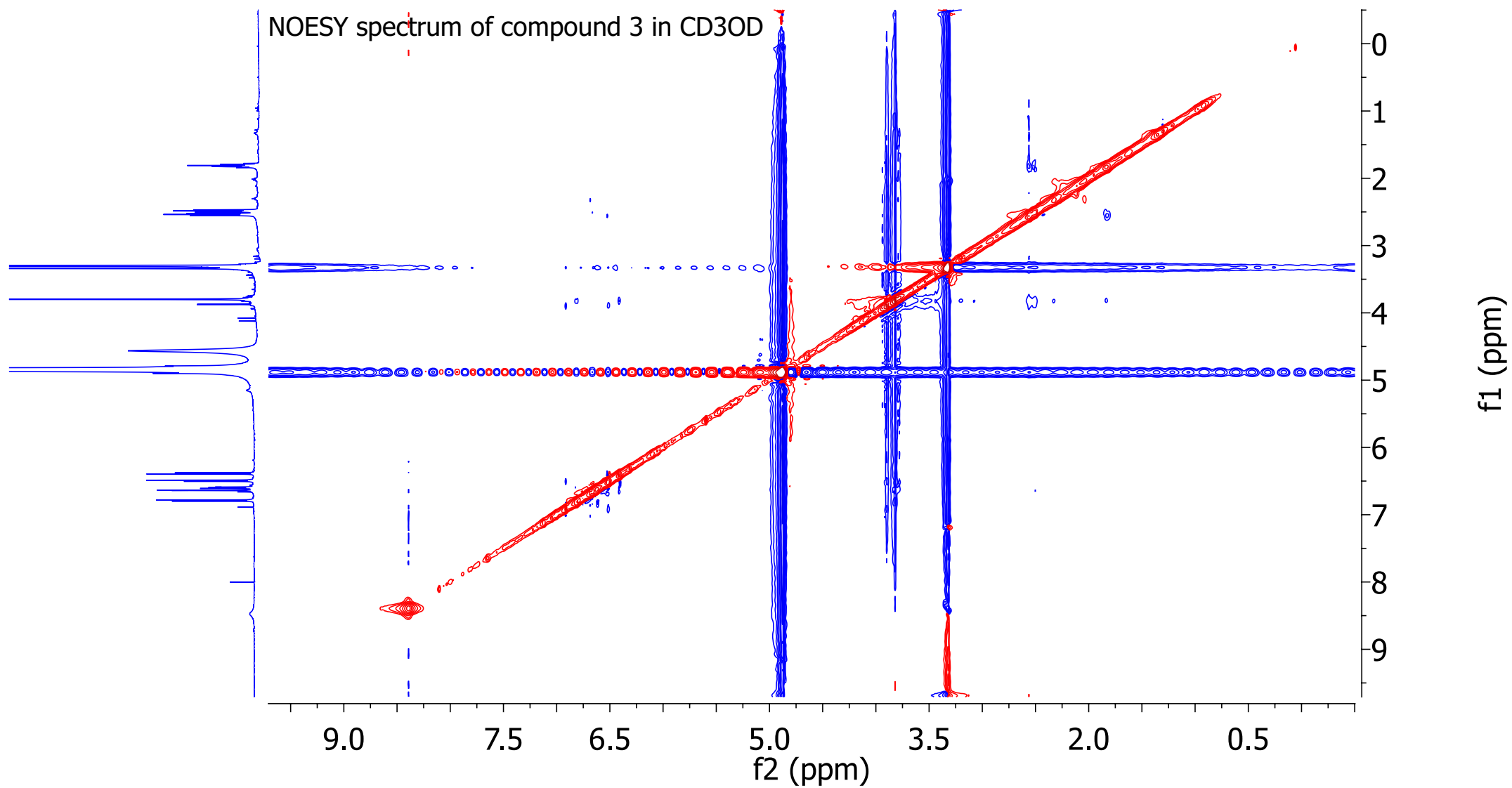


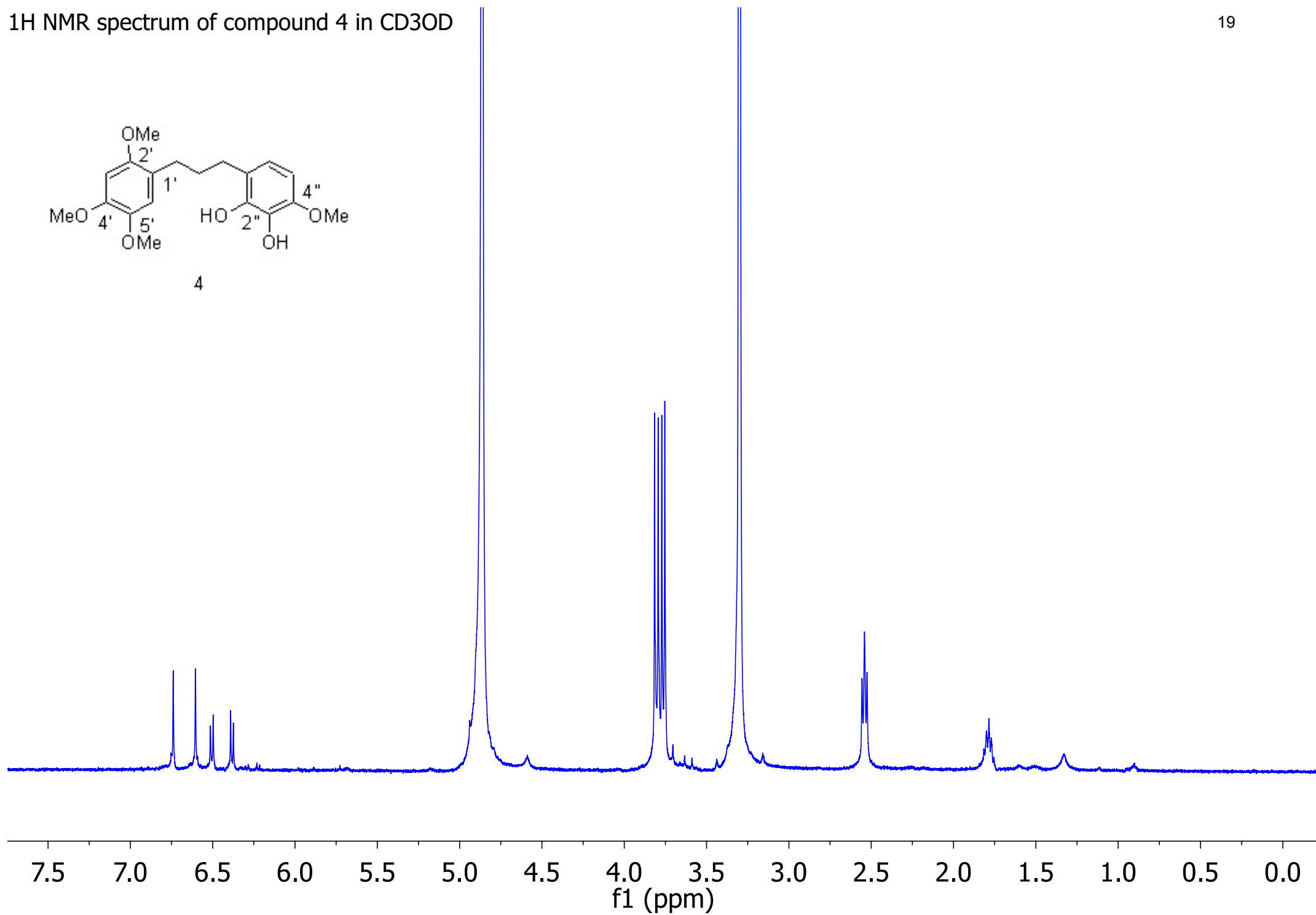
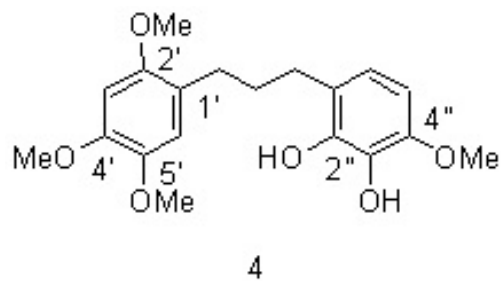
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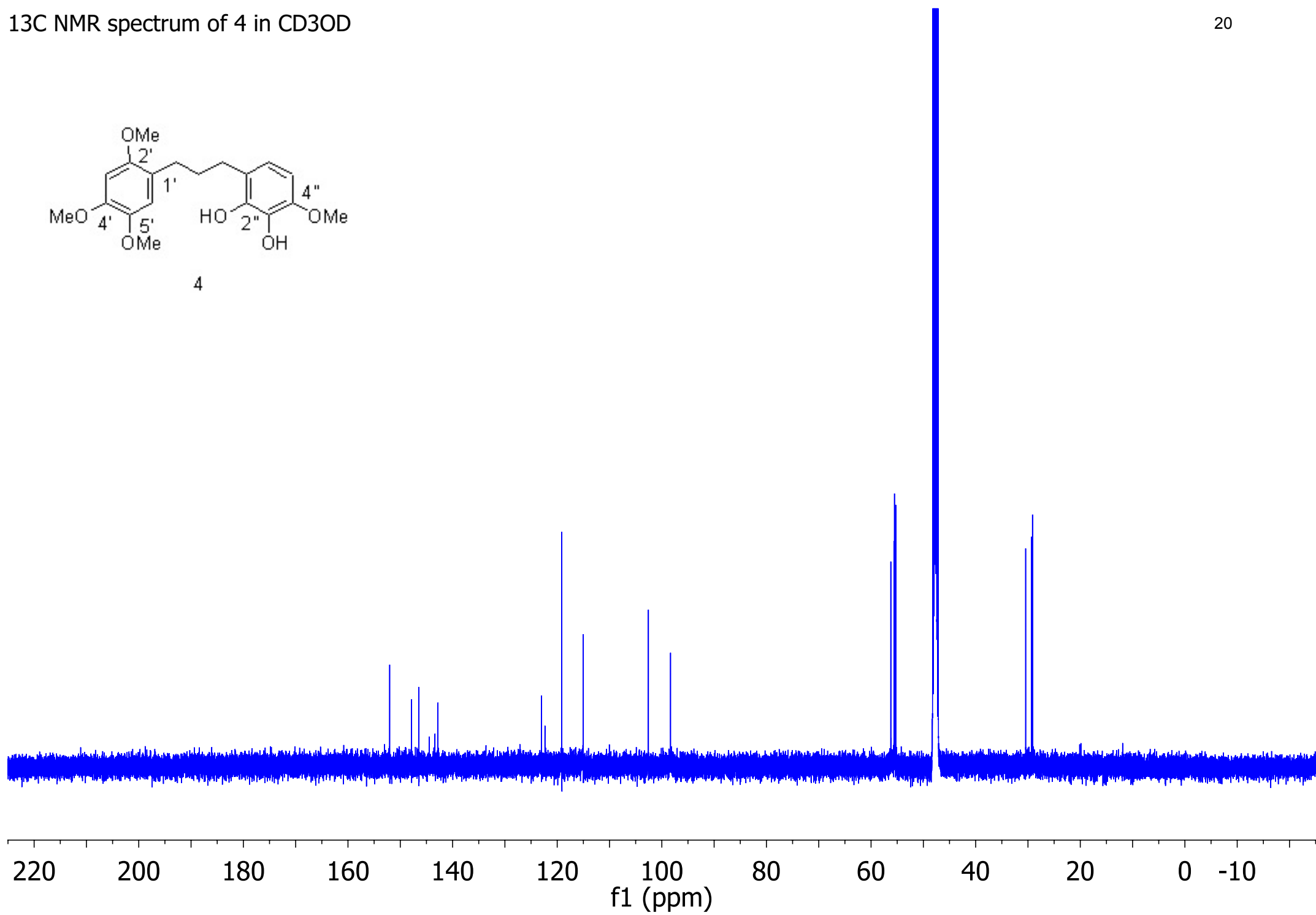
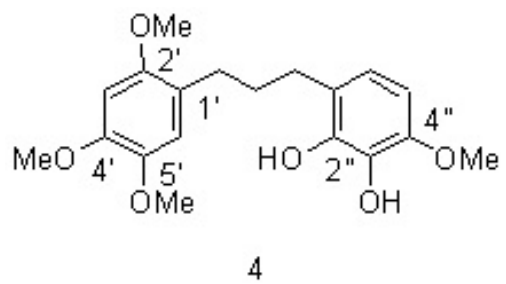
HMBC spectrum of compound 3 in CD<sub>3</sub>OD

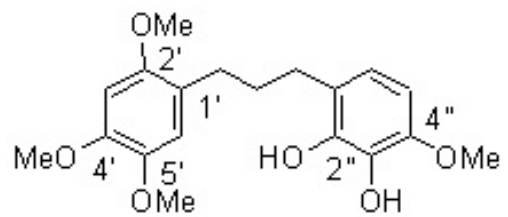


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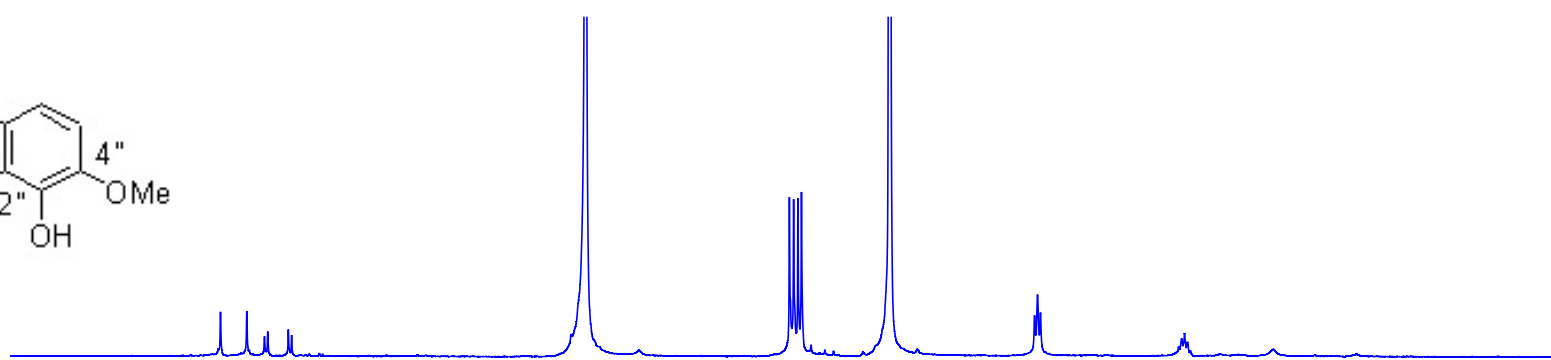
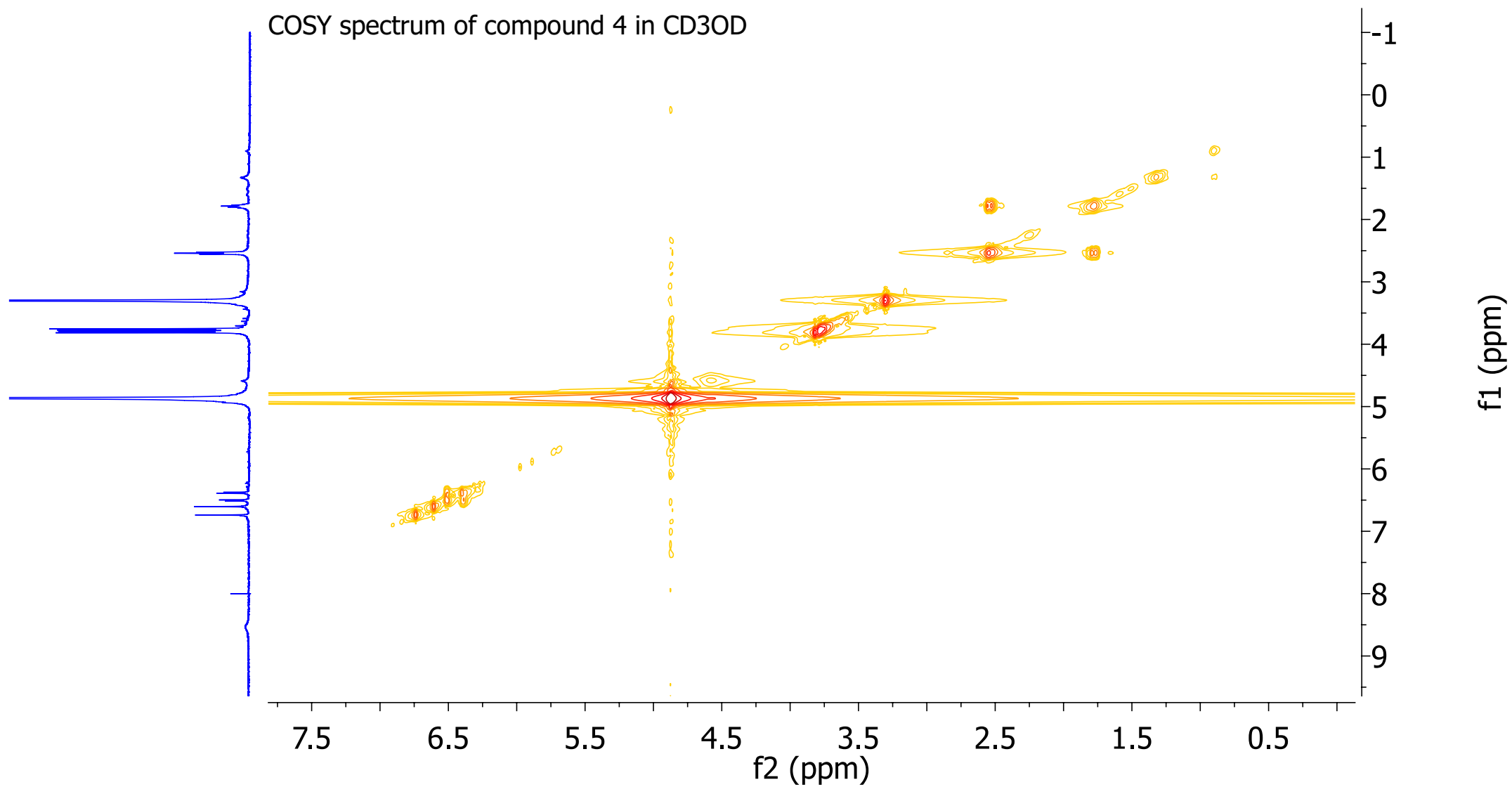
NOESY spectrum of compound 3 in CD<sub>3</sub>OD

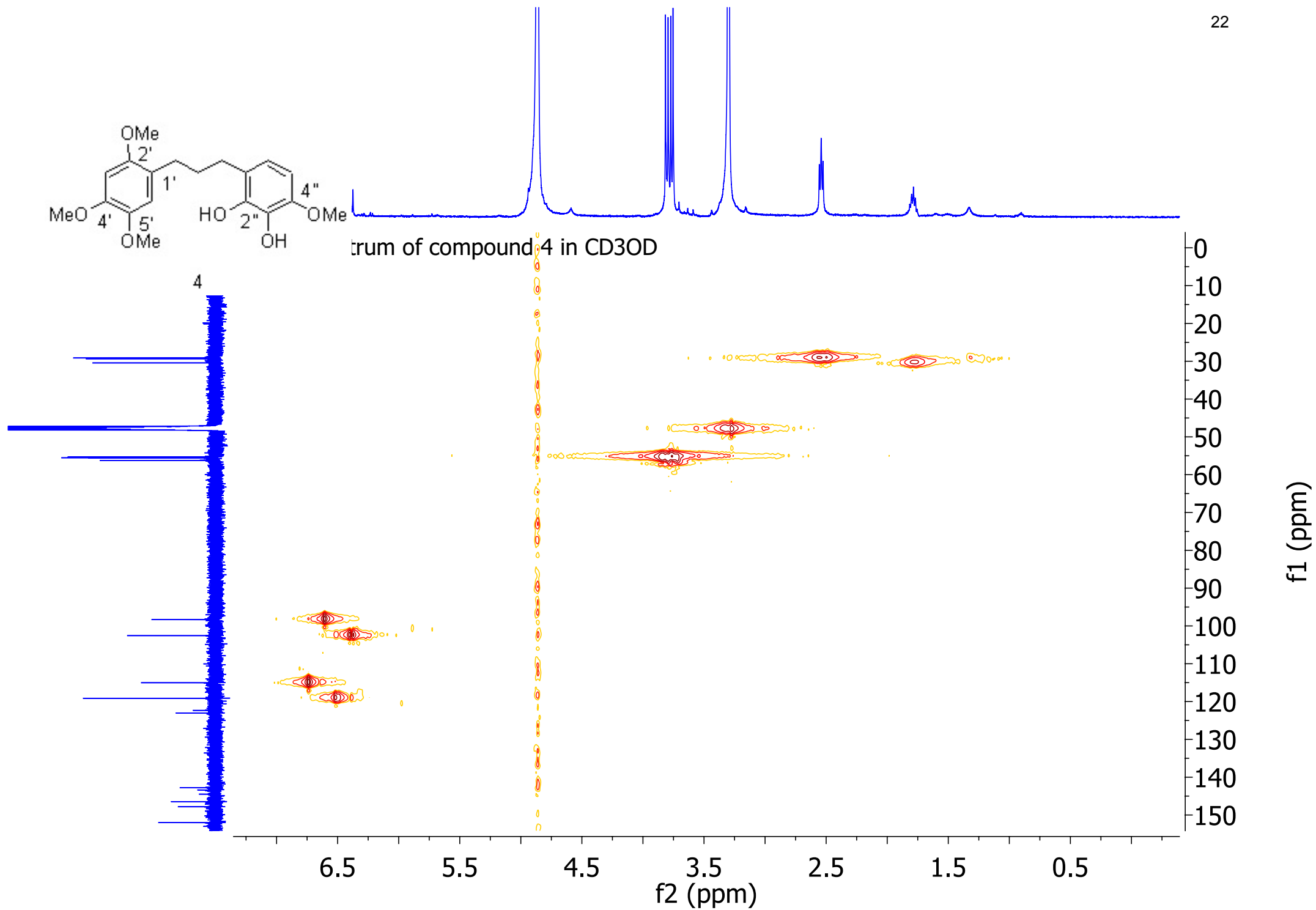


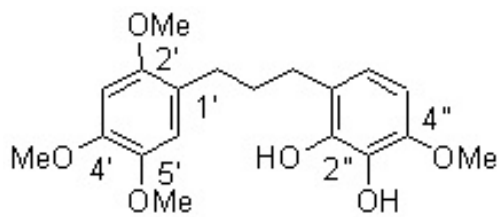




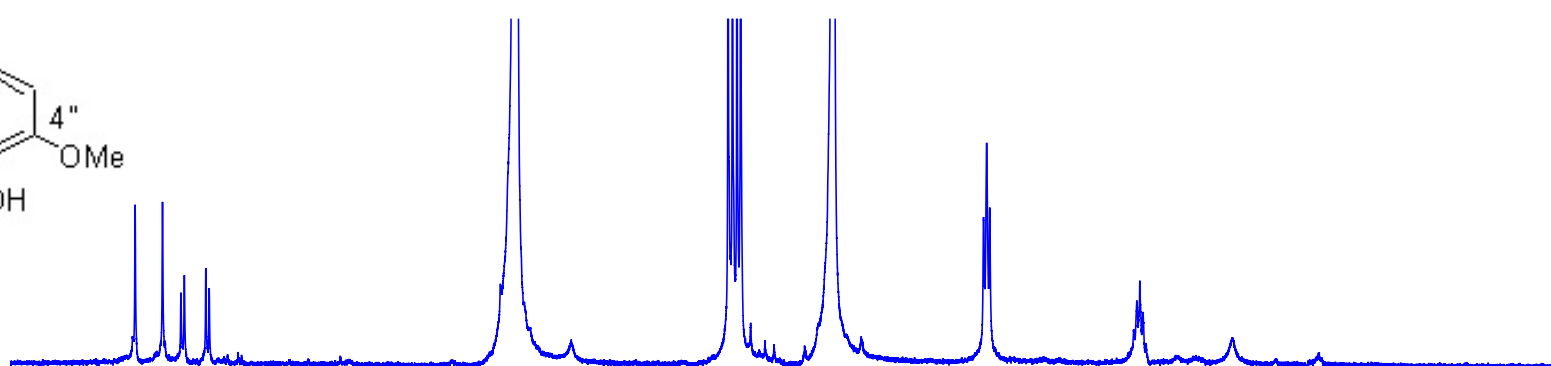
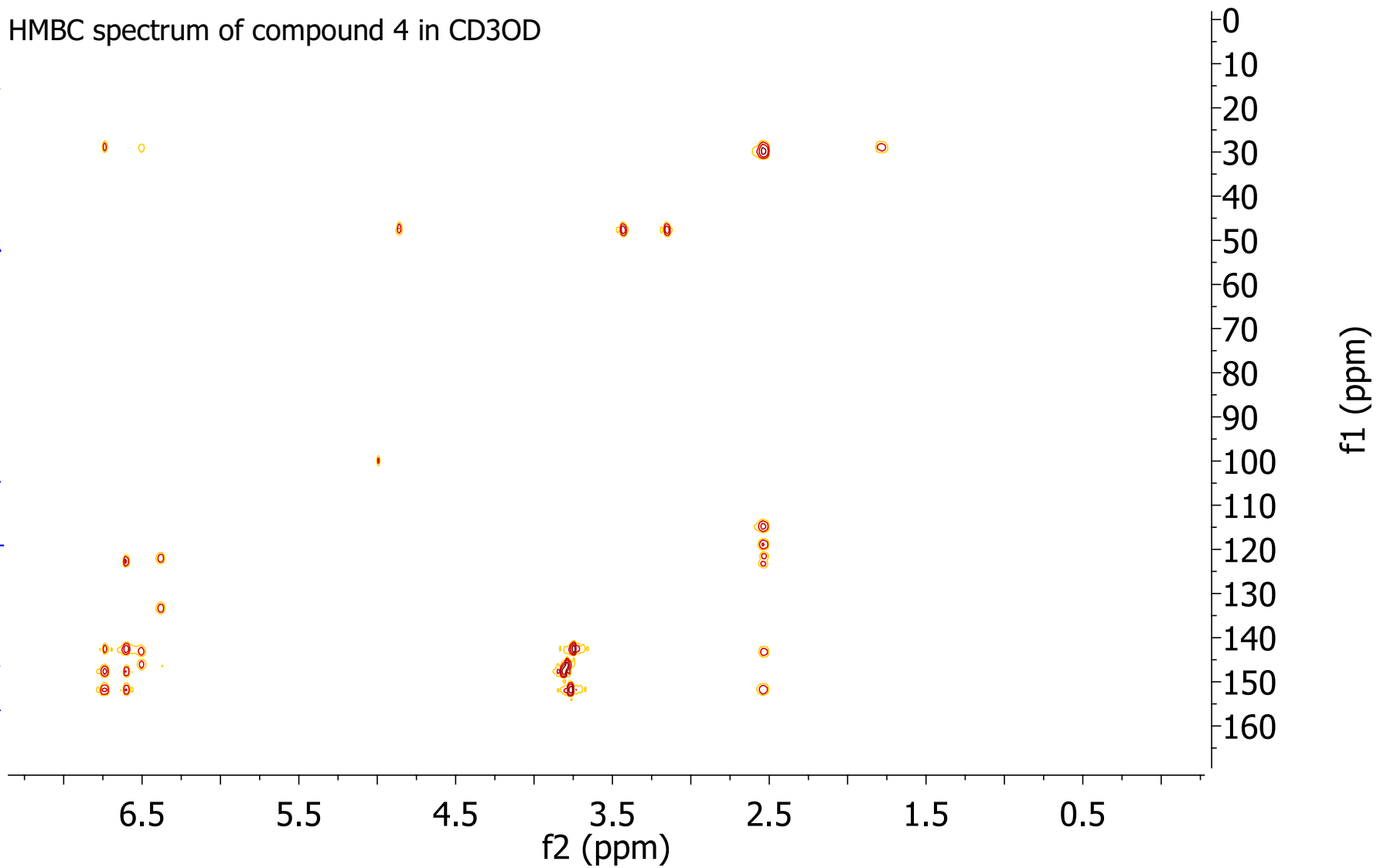
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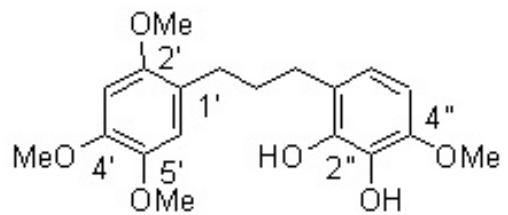
COSY spectrum of compound 4 in CD<sub>3</sub>OD



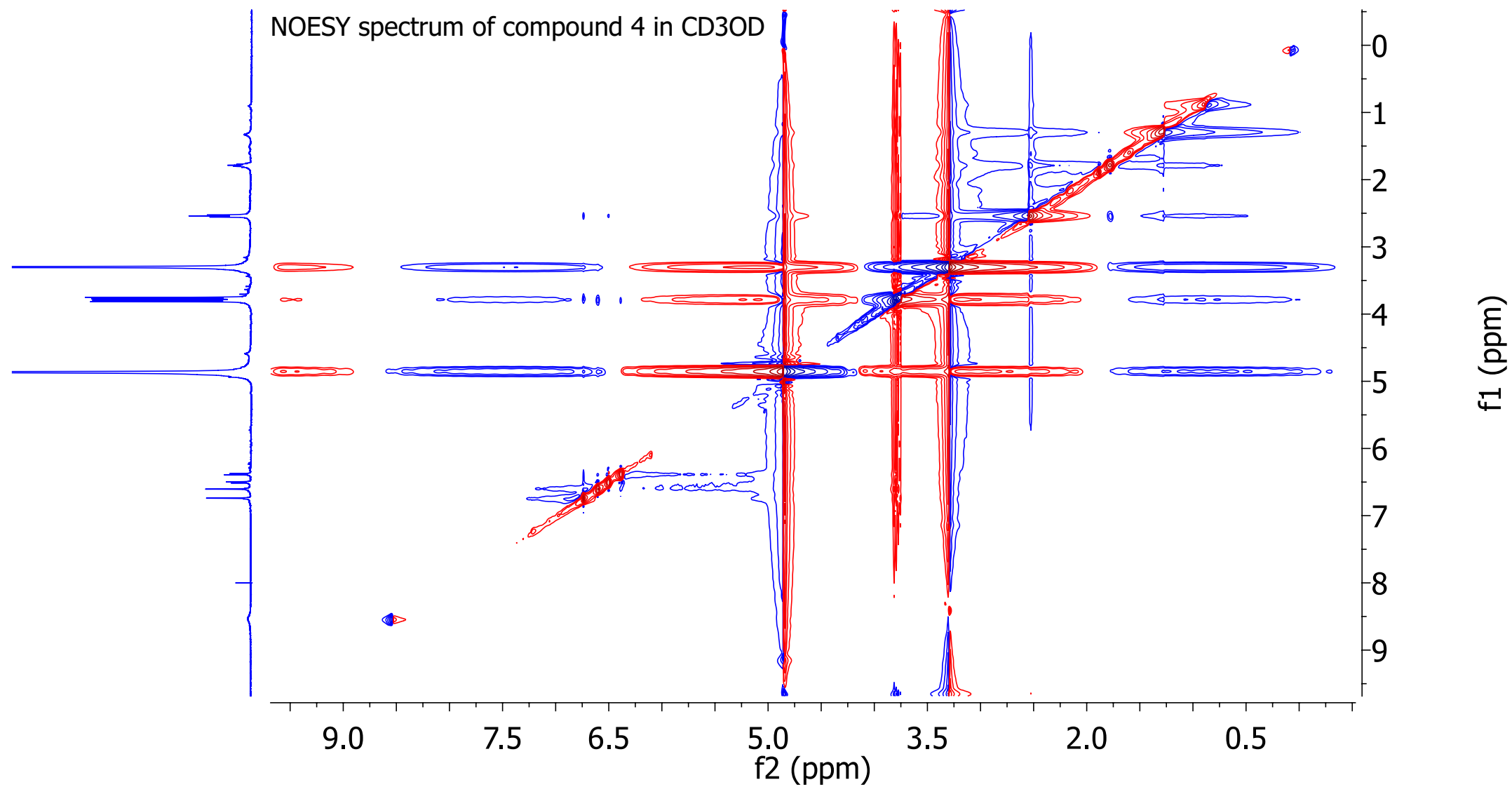


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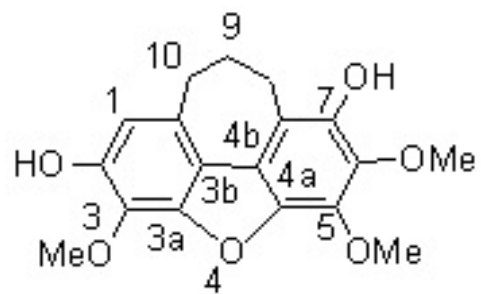
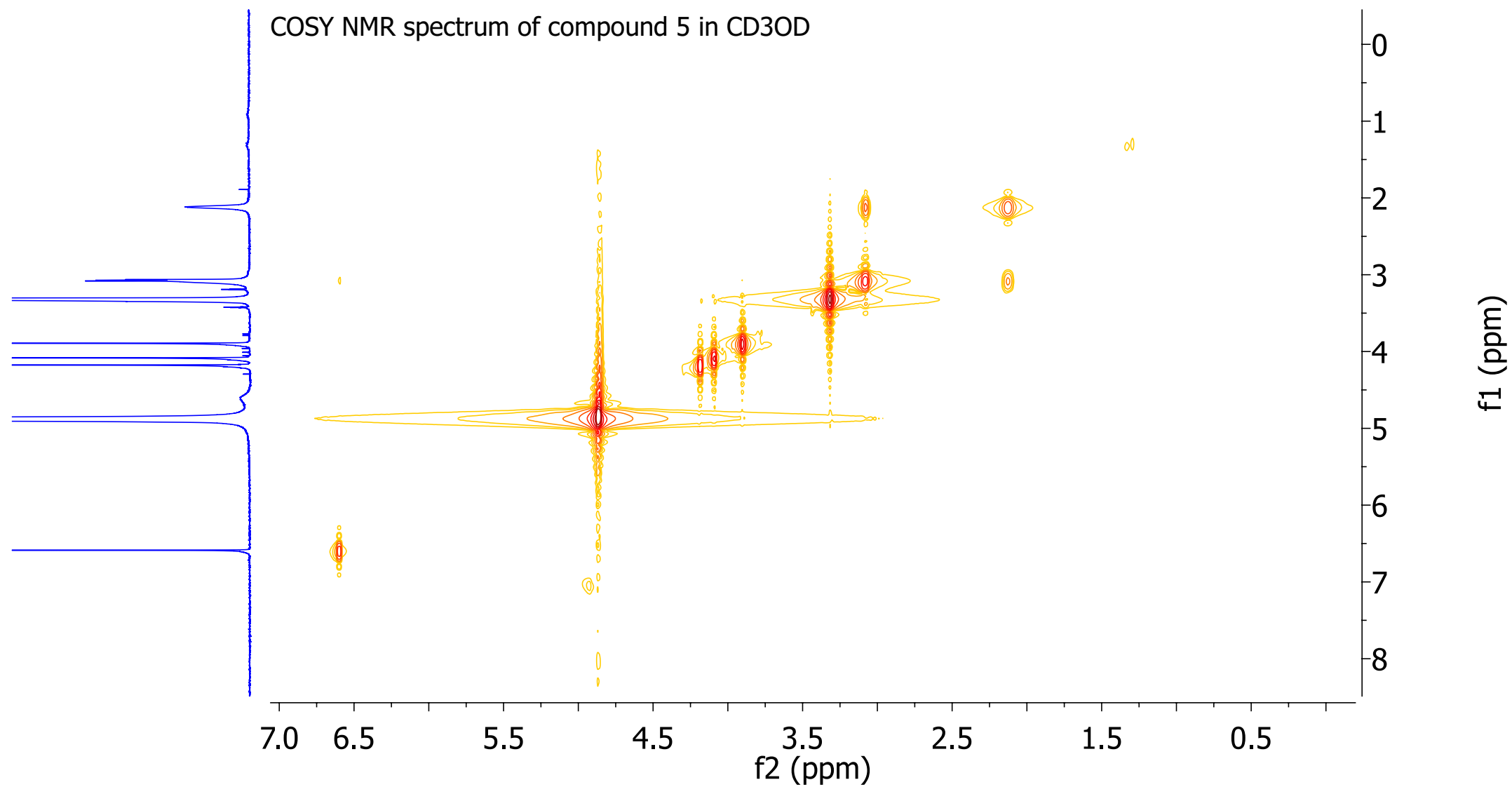
HMBC spectrum of compound 4 in  $\text{CD}_3\text{OD}$ 

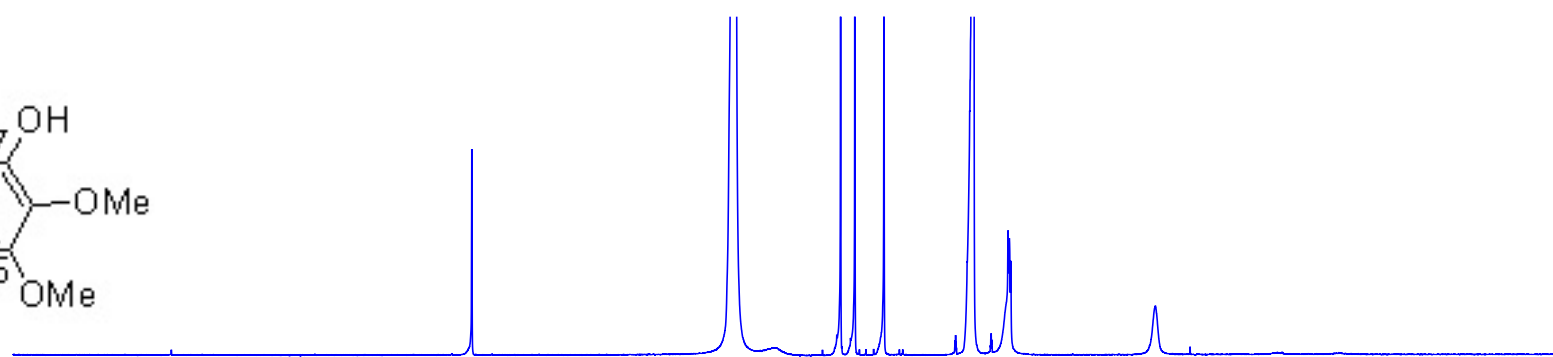
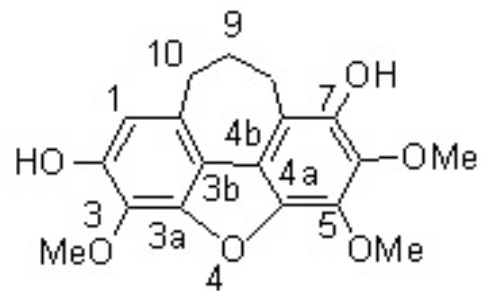
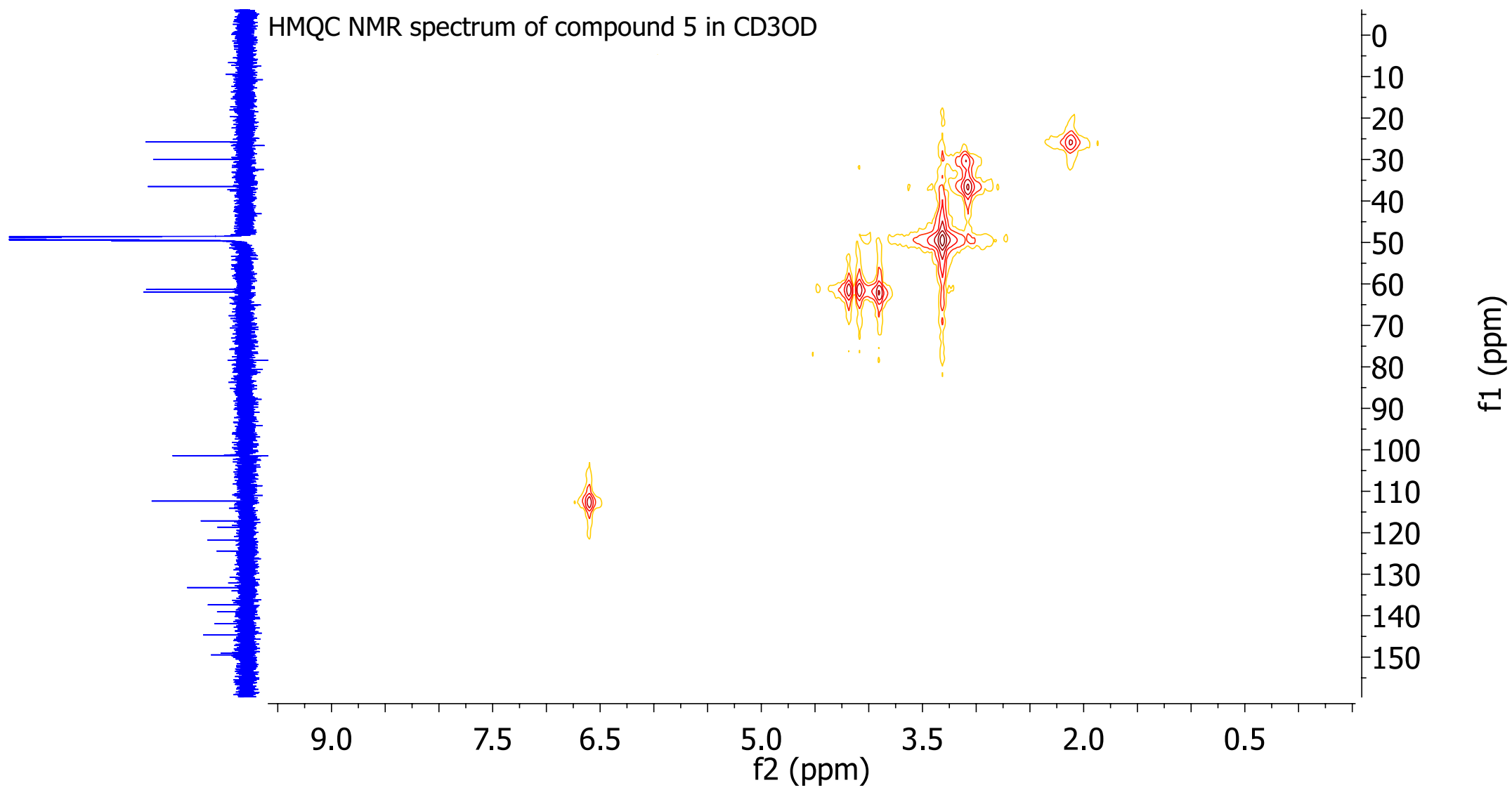


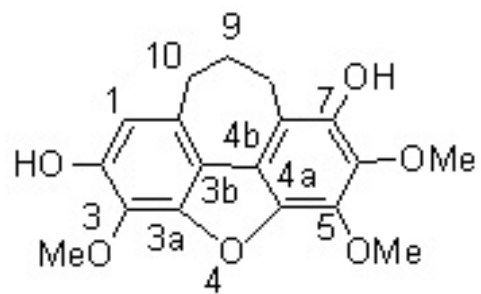
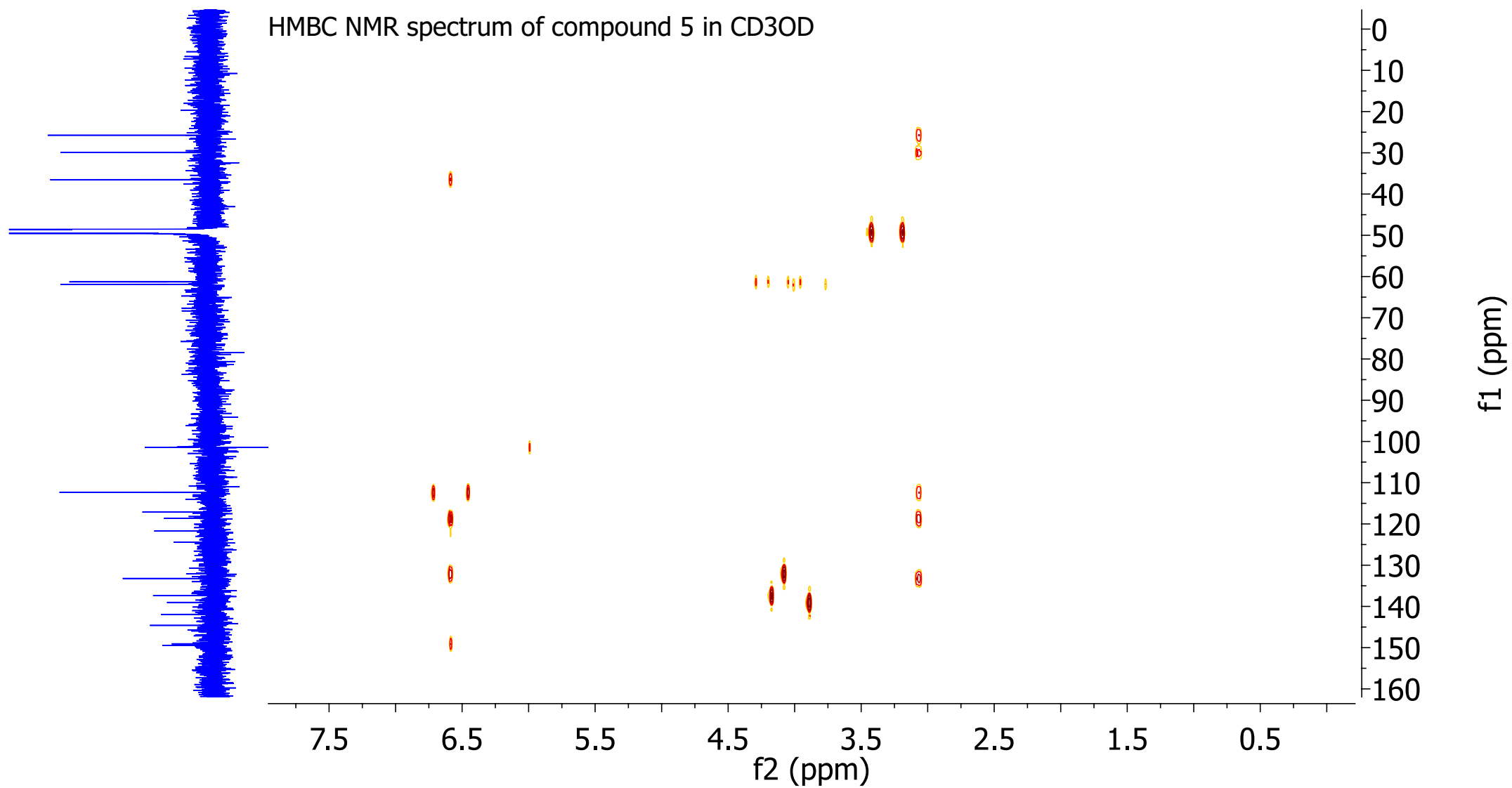
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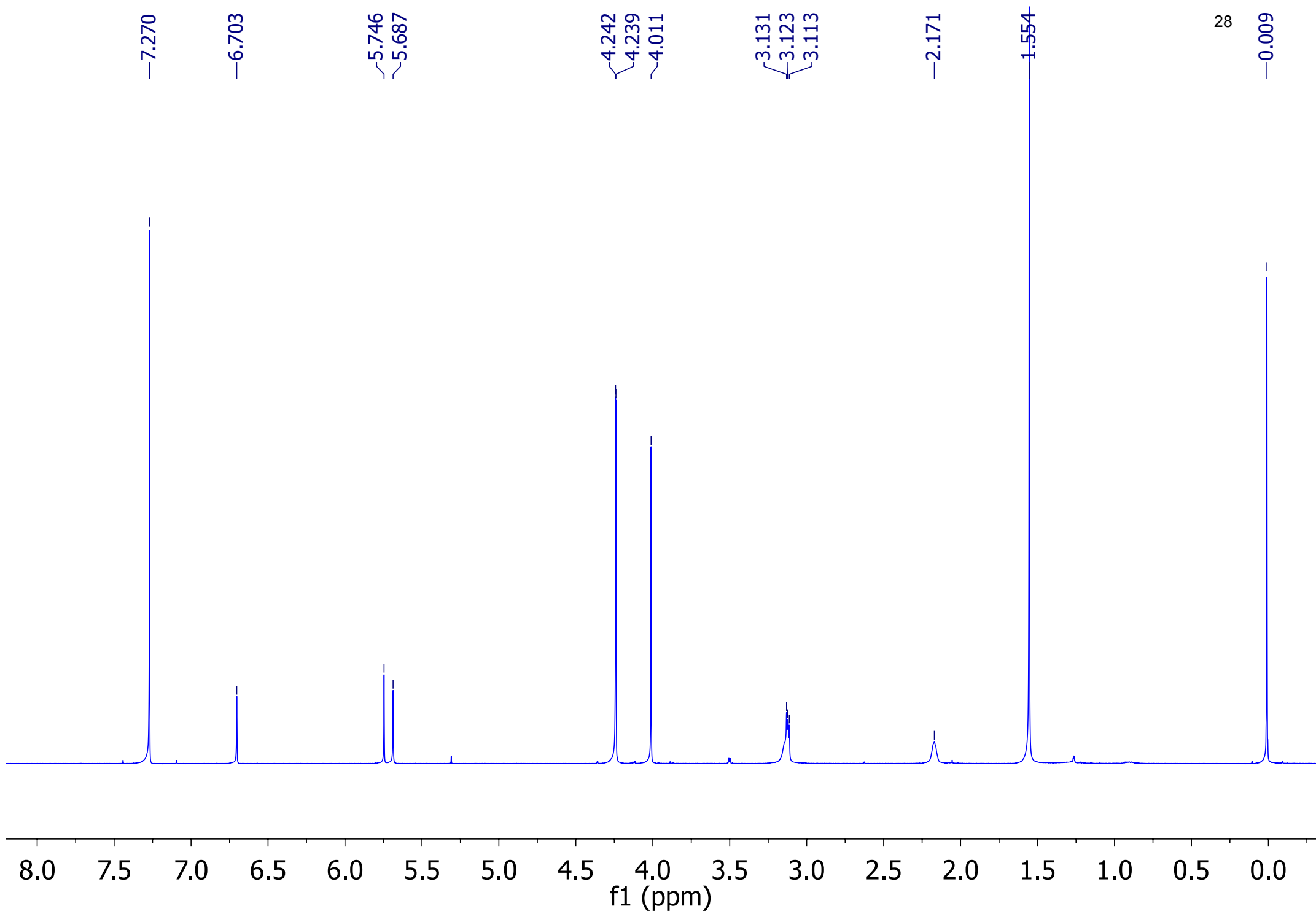
NOESY spectrum of compound 4 in CD<sub>3</sub>OD



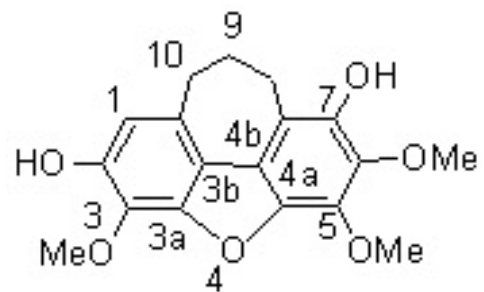
COSY NMR spectrum of compound 5 in CD<sub>3</sub>OD

HMQC NMR spectrum of compound 5 in  $\text{CD}_3\text{OD}$ 

HMBC NMR spectrum of compound 5 in CD<sub>3</sub>OD



<sup>13</sup>C NMR spectrum of 5 in CDCl<sub>3</sub>



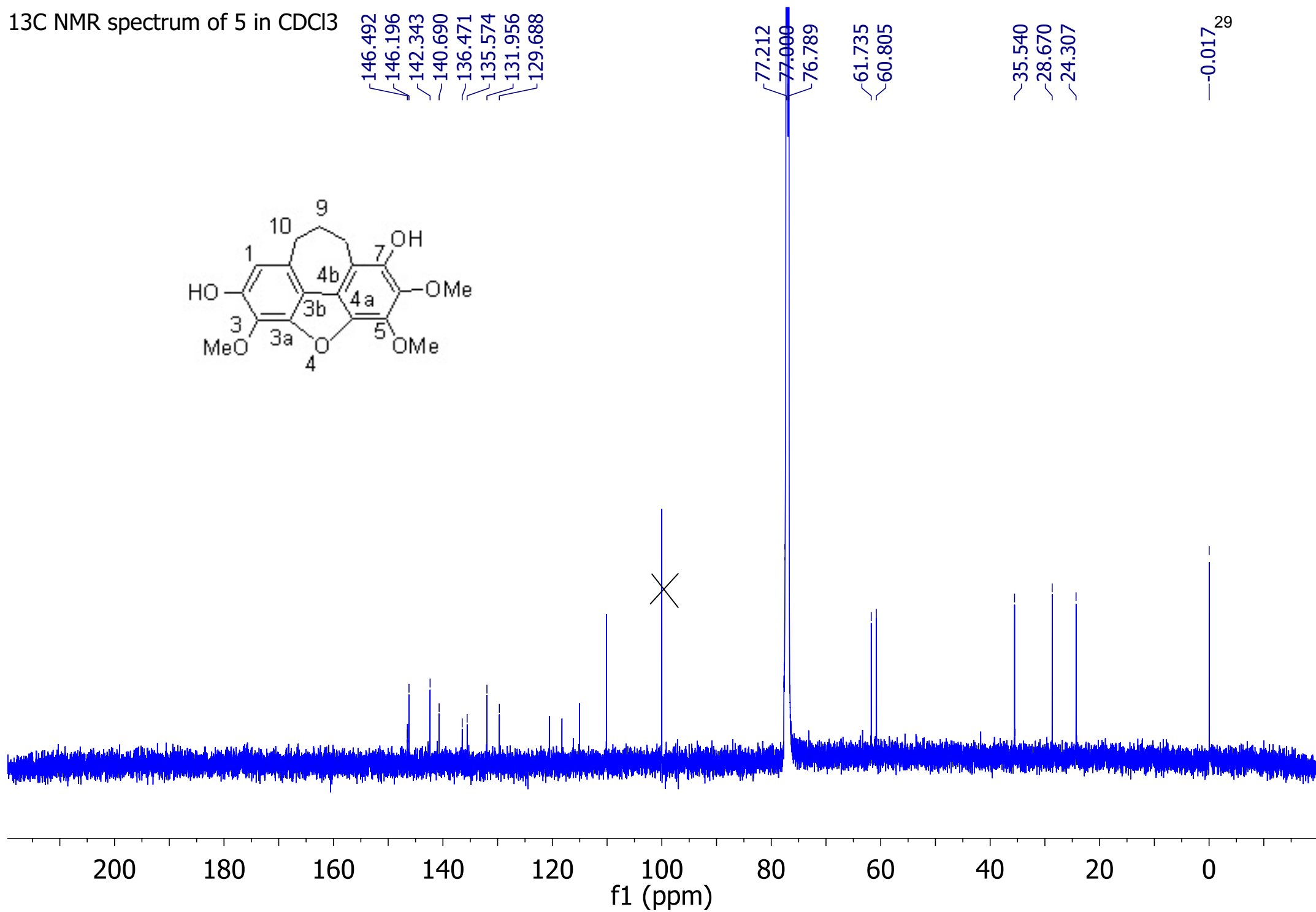
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136.471  
135.574  
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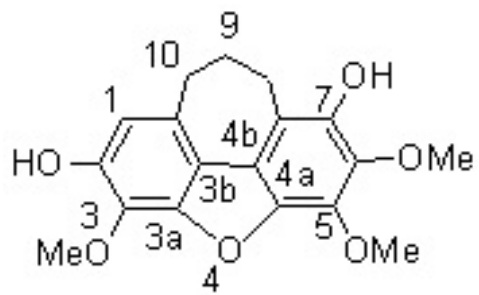
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77.000  
76.789

61.735  
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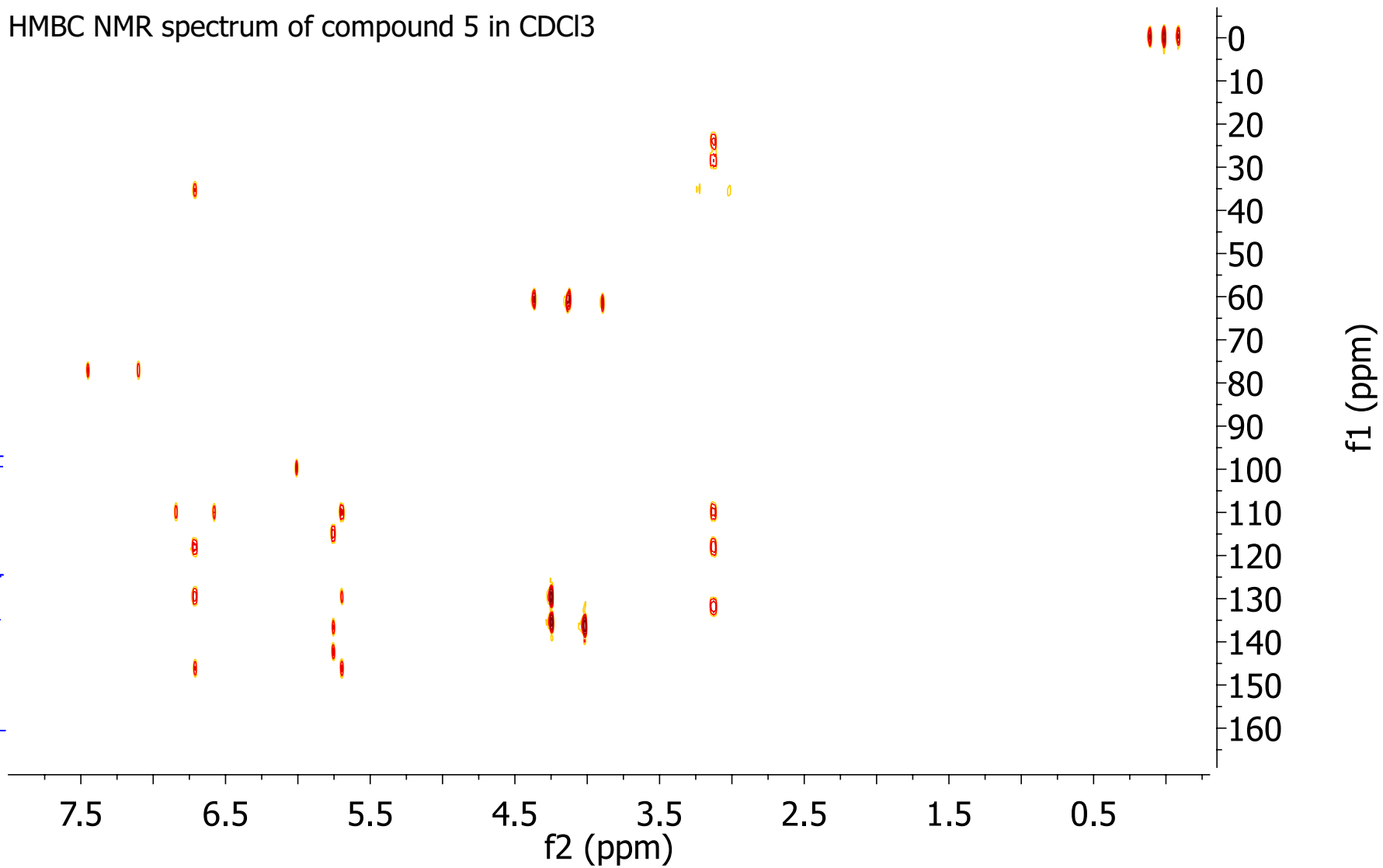
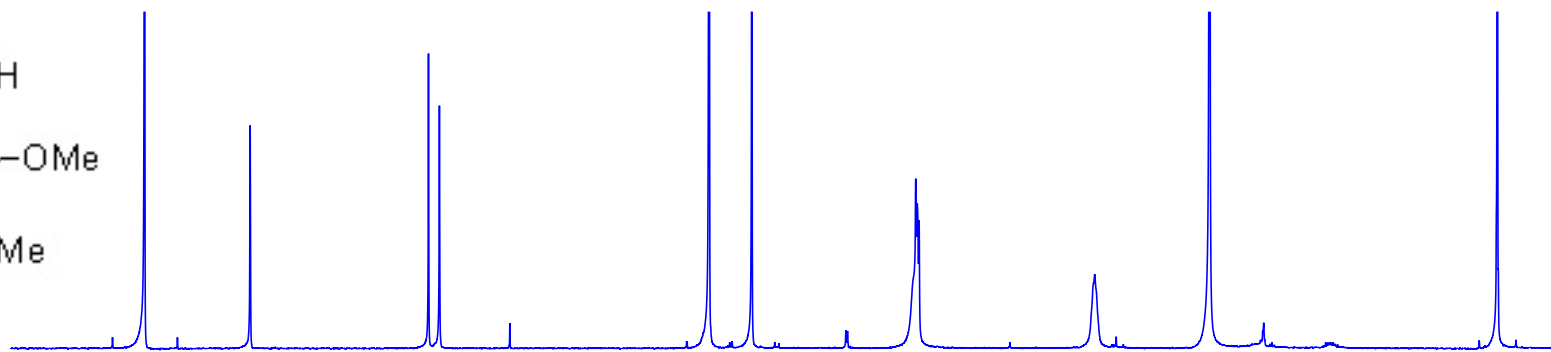
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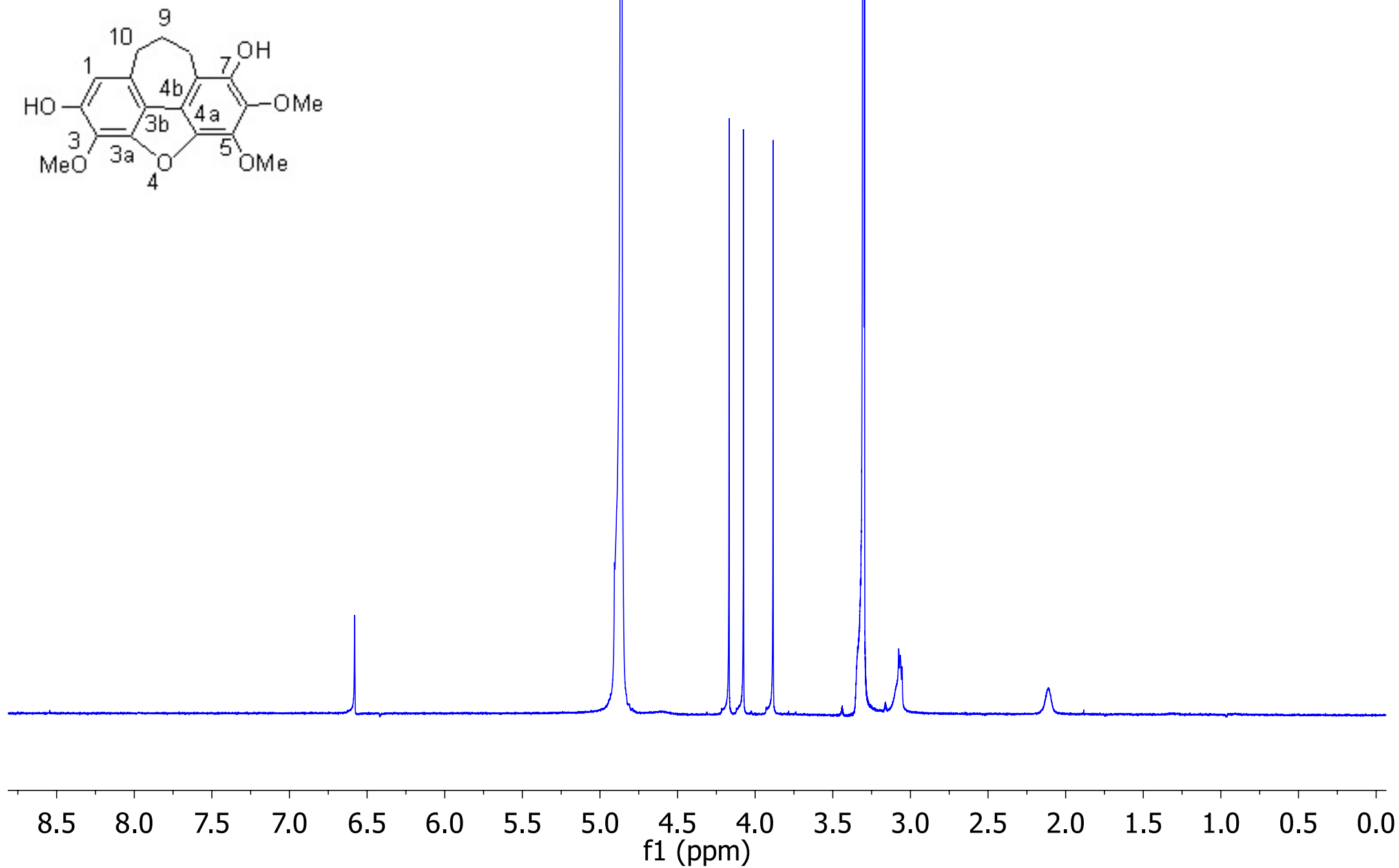
-0.017<sup>29</sup>





30





ep213-2-133-2 4 1 /opt/topspin/kingston endepan

