

**Supporting Information**  
**for**  
**A simple and efficient method for the preparation of**  
**5-hydroxy-3-acyltetramic acids**

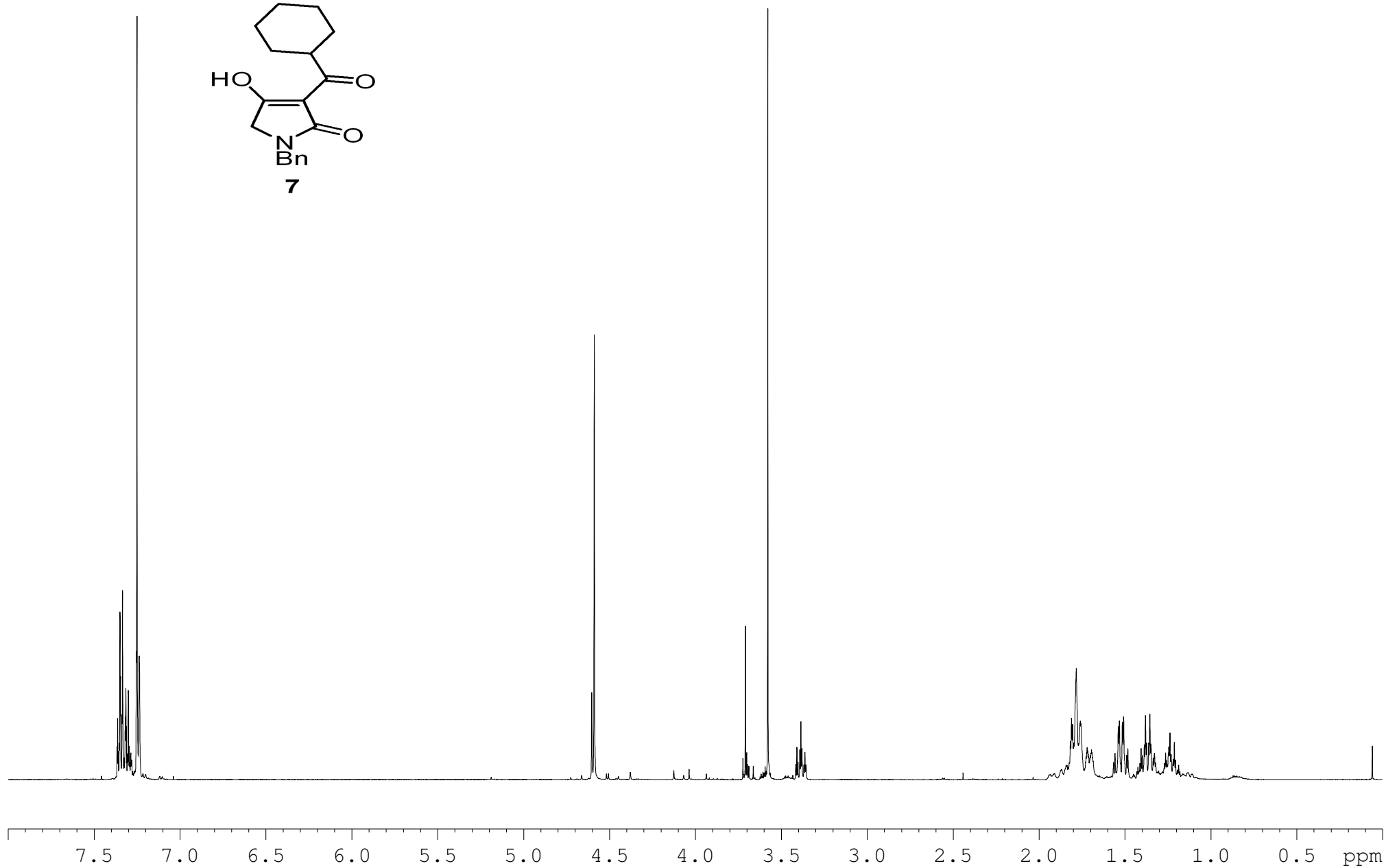
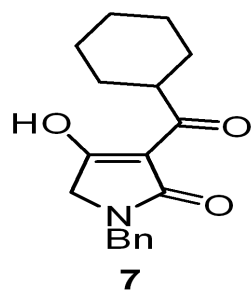
Johanna Trenner<sup>1</sup>, Evgeny V. Prusov\*<sup>1</sup>

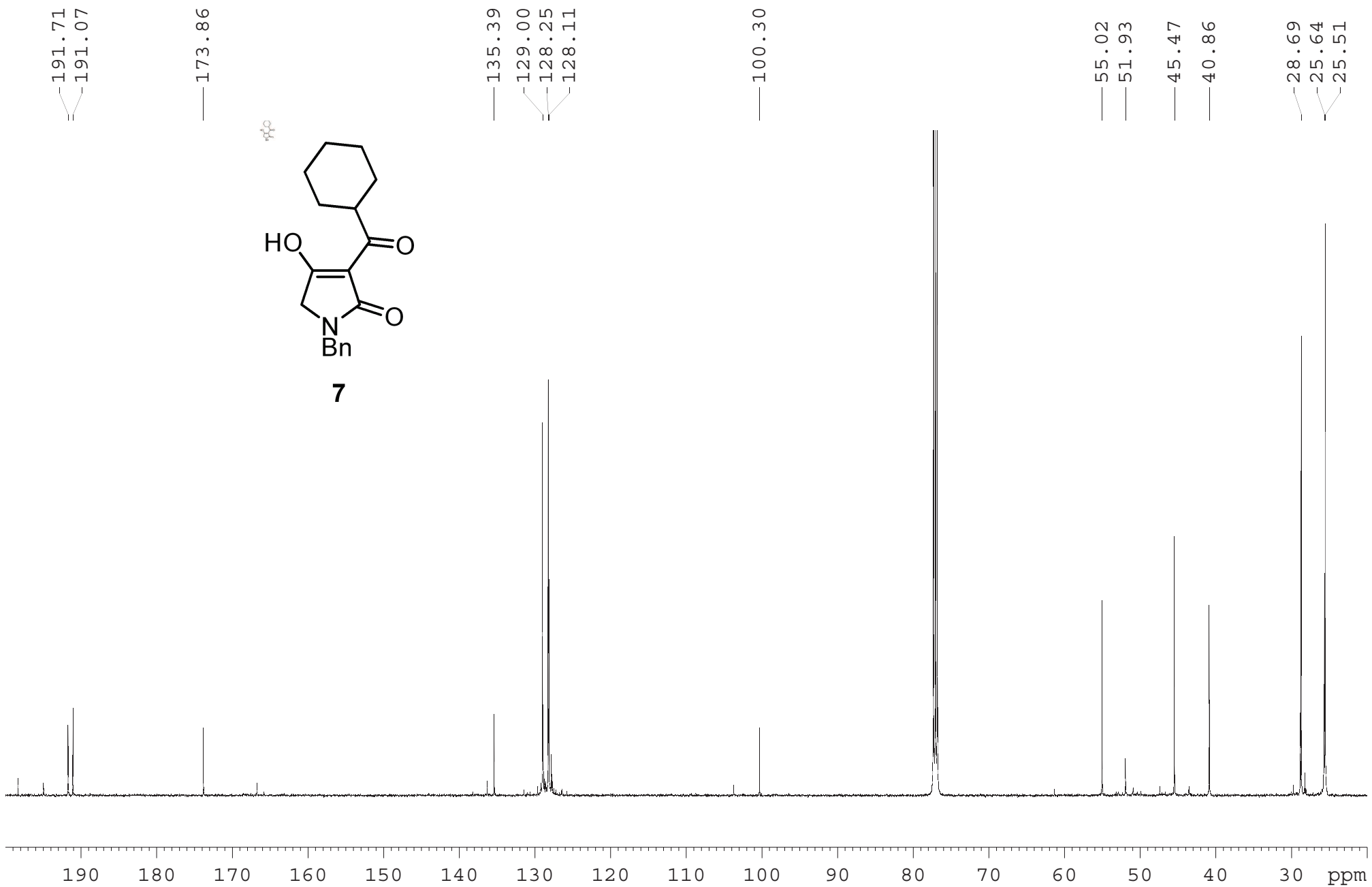
Address: <sup>1</sup>Department of Medicinal Chemistry, Helmholtz Centre for Infection Research, Inhoffenstr. 7, 38124 Braunschweig, Germany

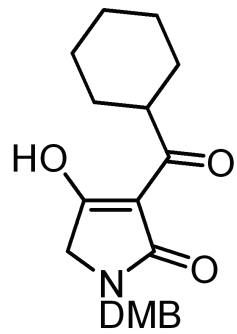
Email: Evgeny V. Prusov - [evgeny.prusov@helmholtz-hzi.de](mailto:evgeny.prusov@helmholtz-hzi.de)

\* Corresponding author

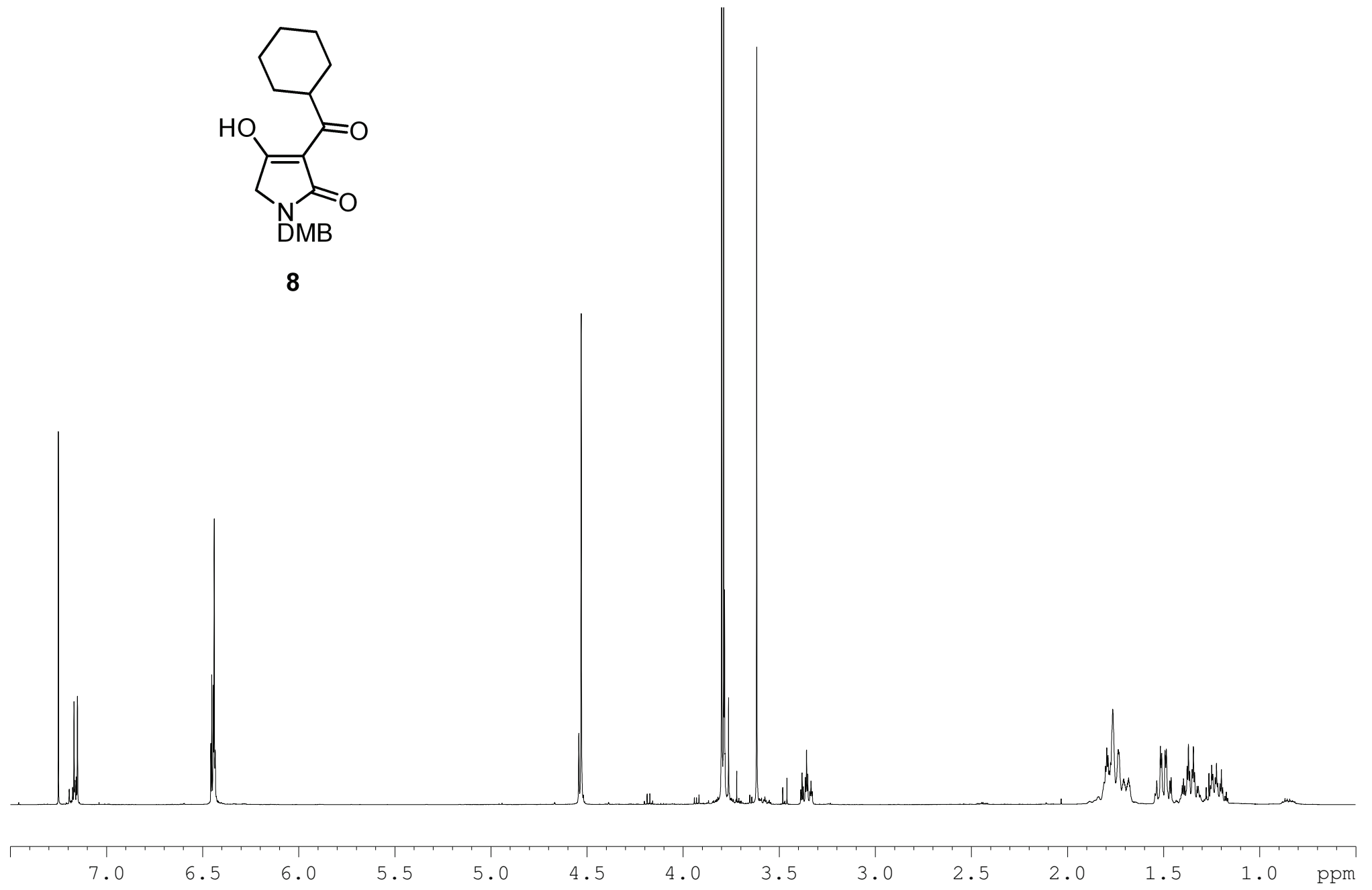
**Copies of NMR spectra**

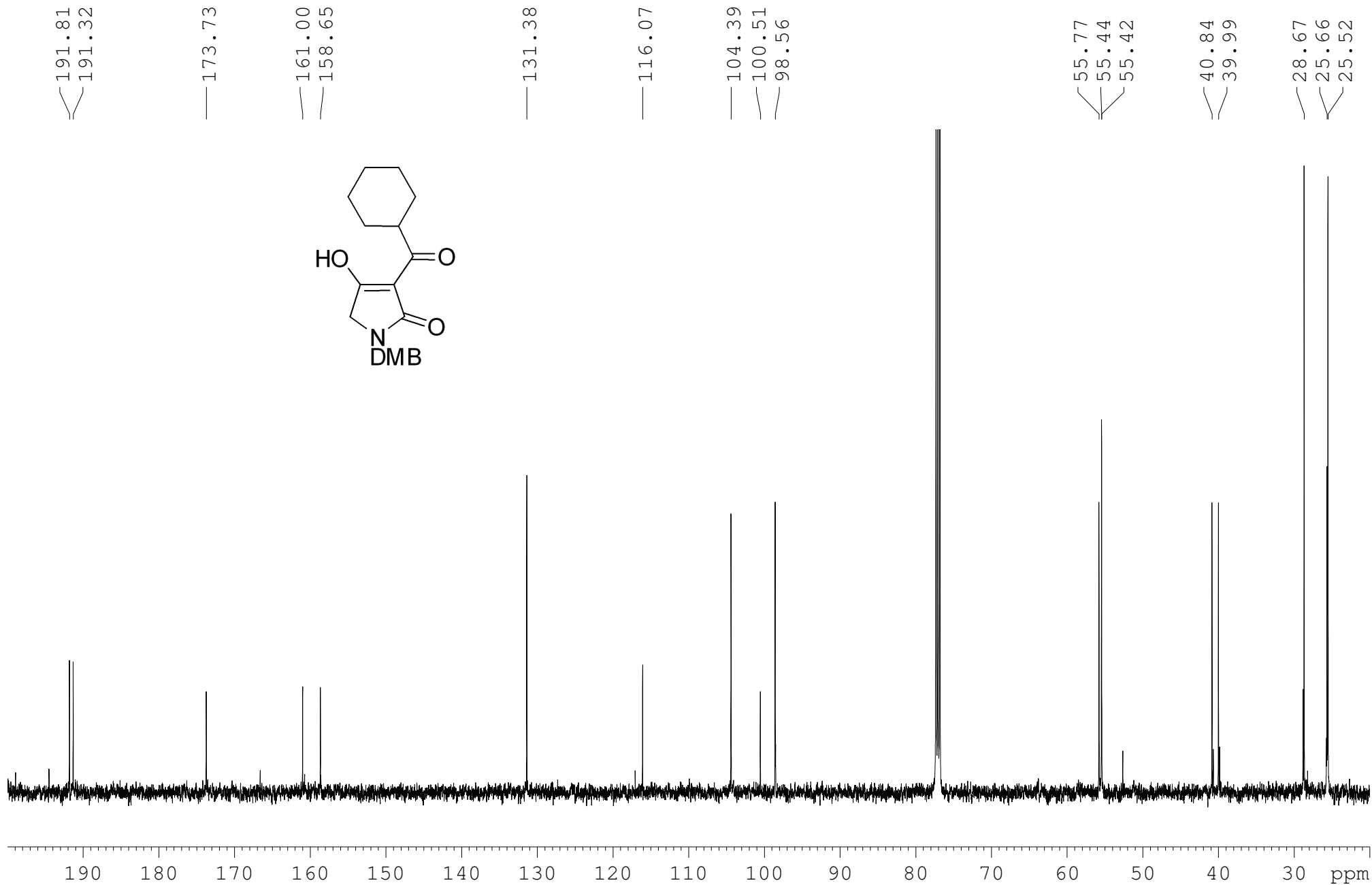


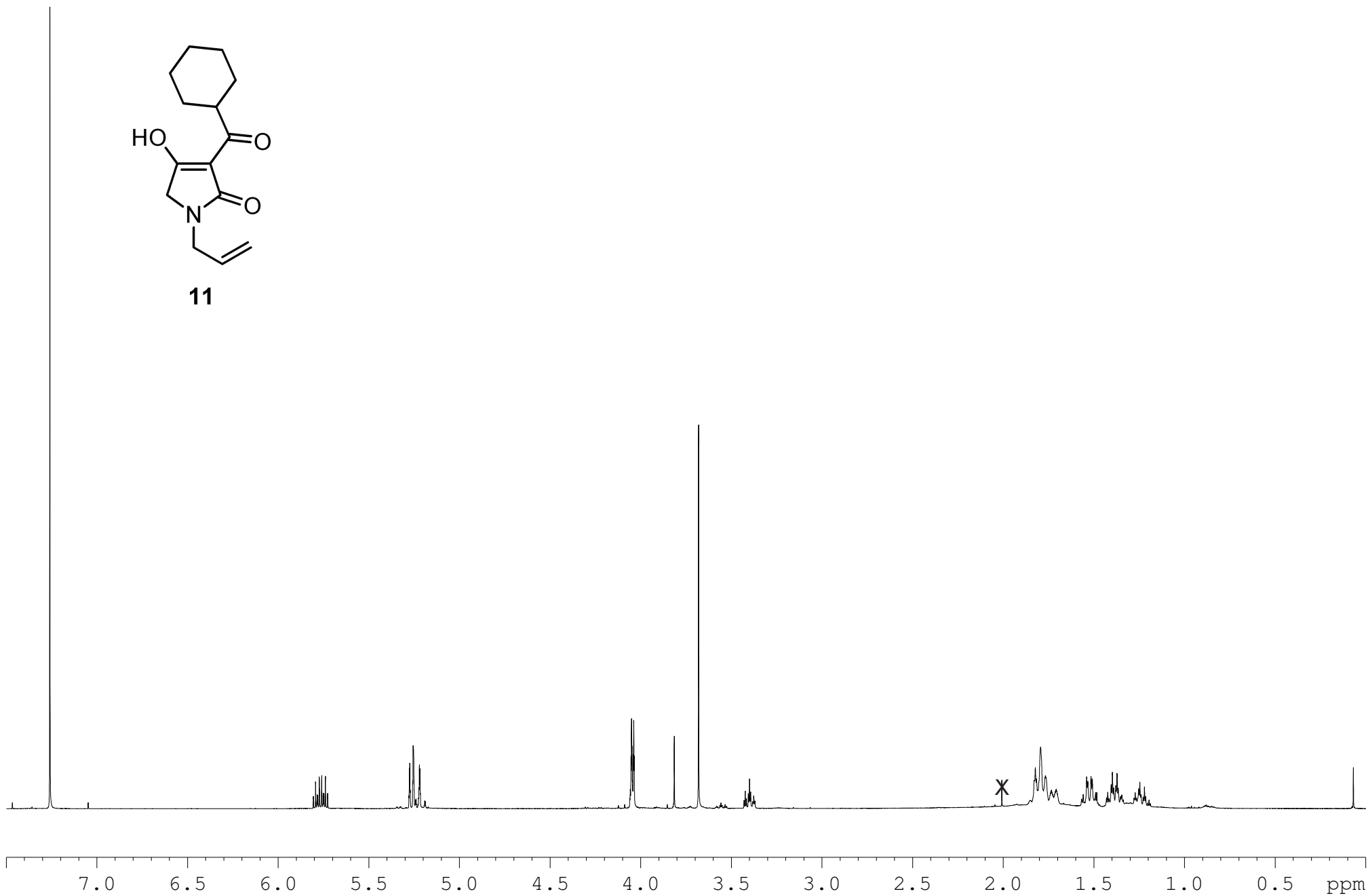
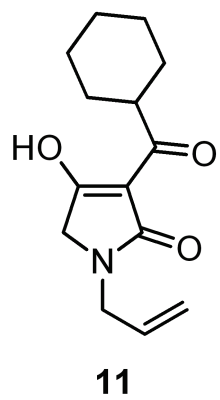




**8**







< 191.67  
< 191.16

— 173.75

< 132.35  
< 131.48

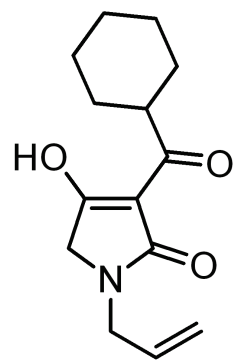
< 119.00  
< 118.40

— 100.34

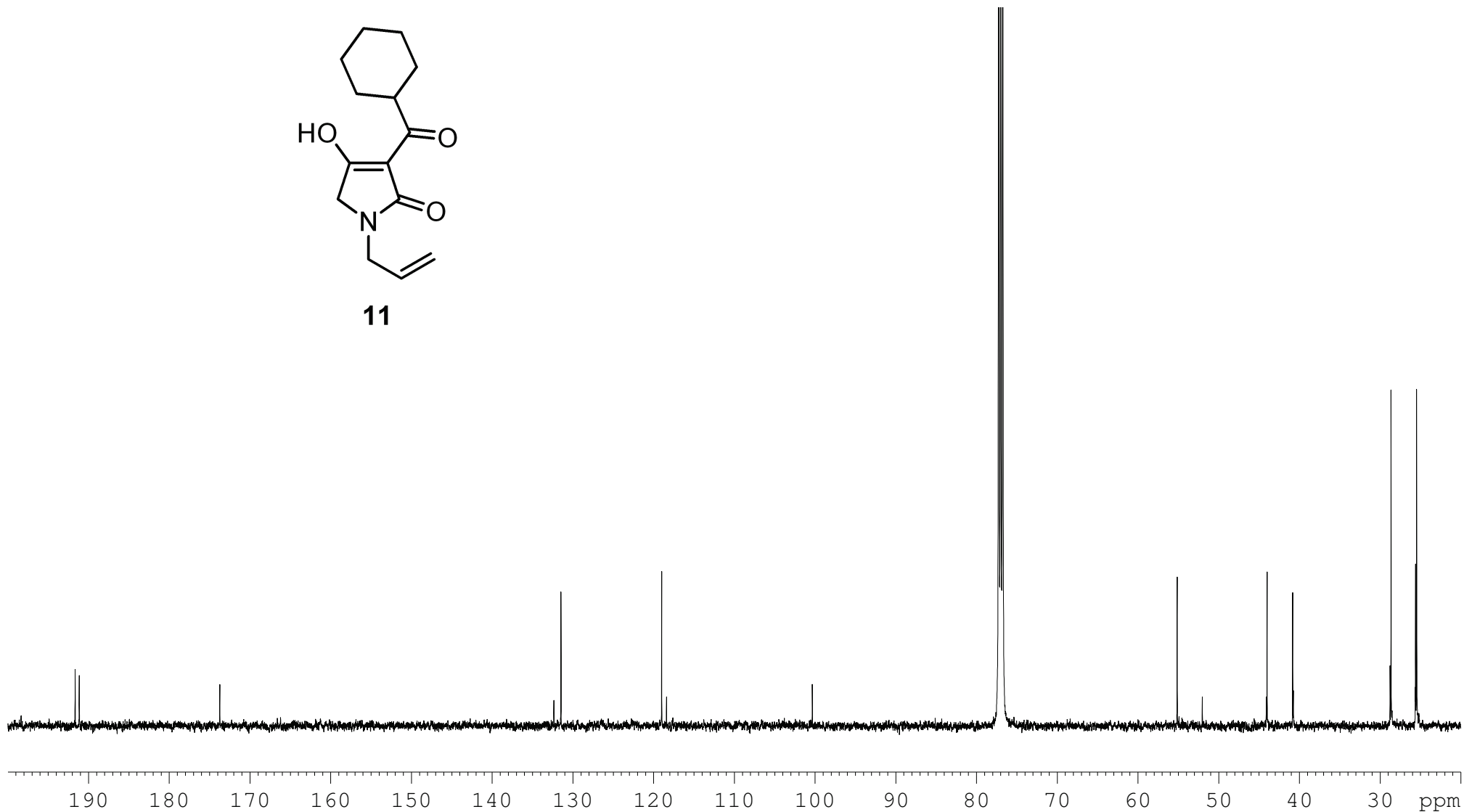
— 55.14  
— 52.02

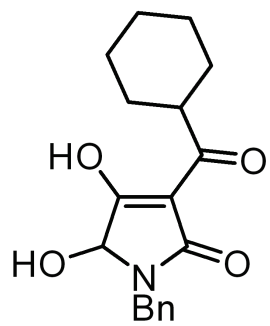
— 44.00  
— 40.83

< 28.64  
< 25.60  
< 25.48

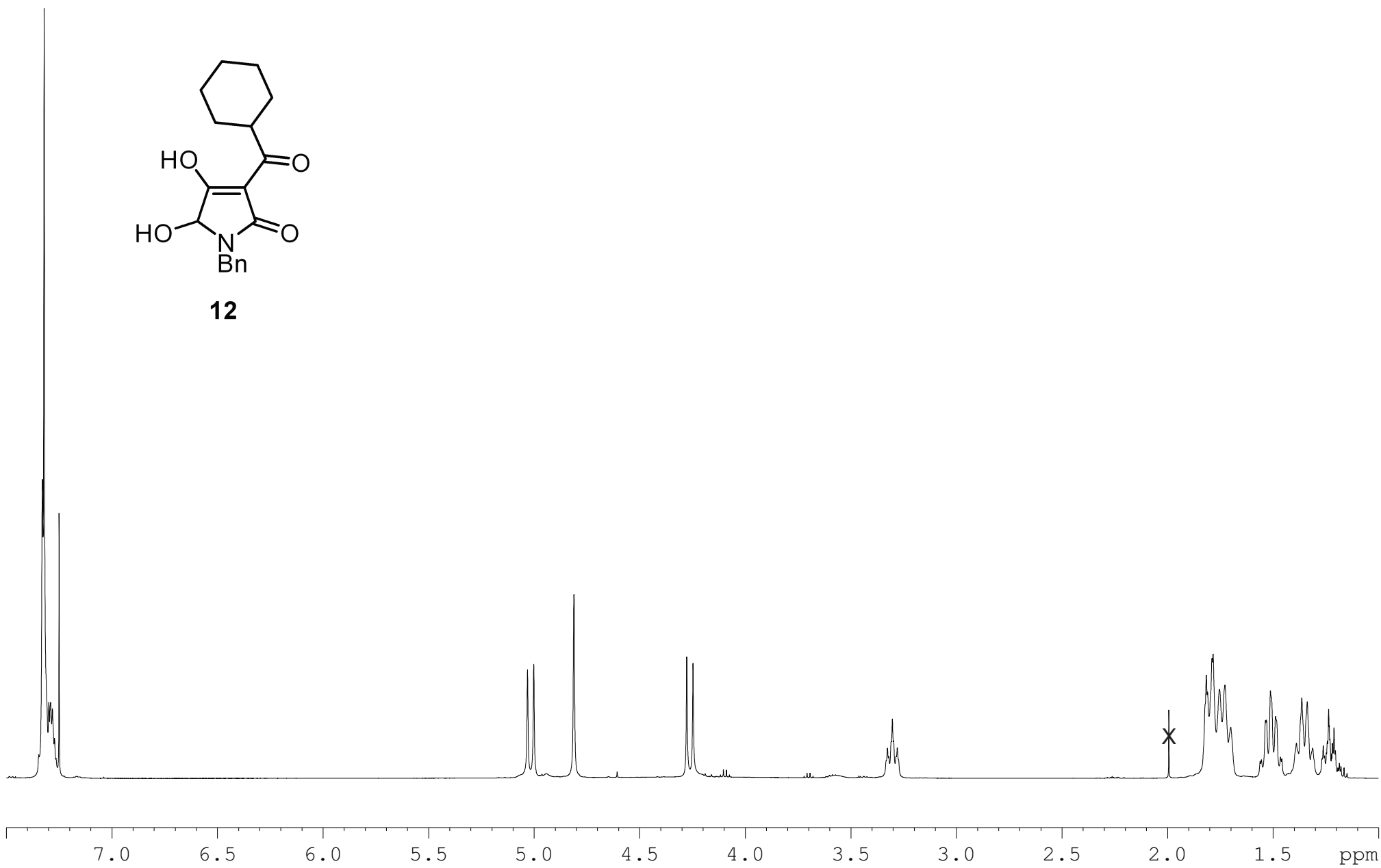


11





**12**





192.78  
192.58

173.08

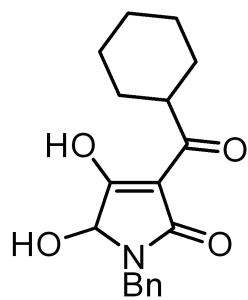
135.54  
128.89  
128.65  
128.02

98.06

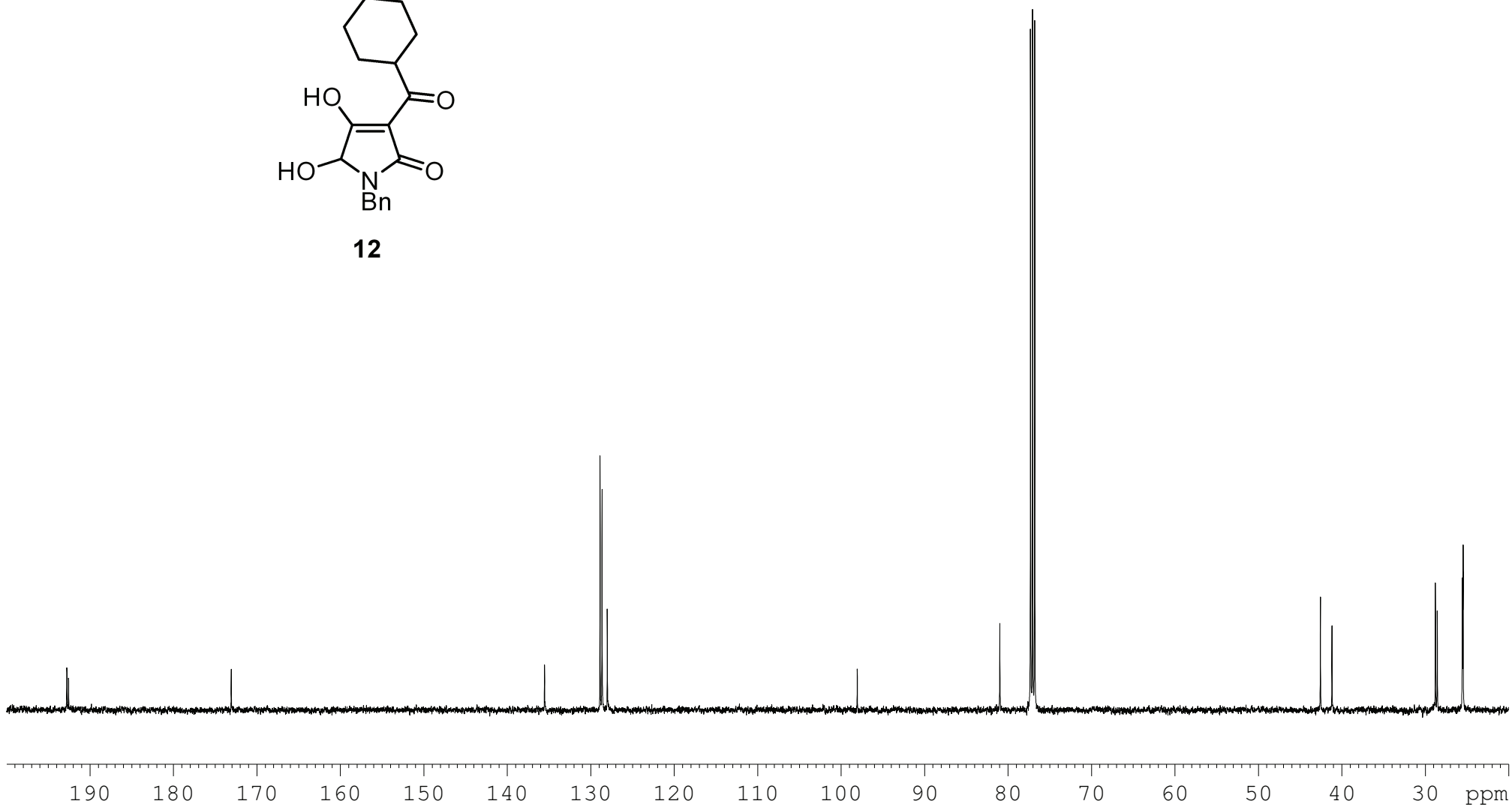
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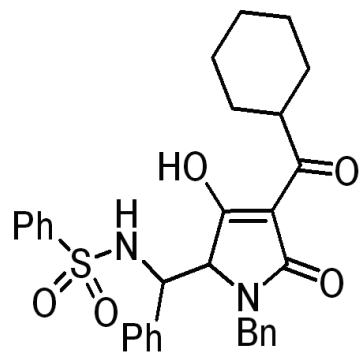
42.56  
41.17

28.78  
28.55  
25.56  
25.49

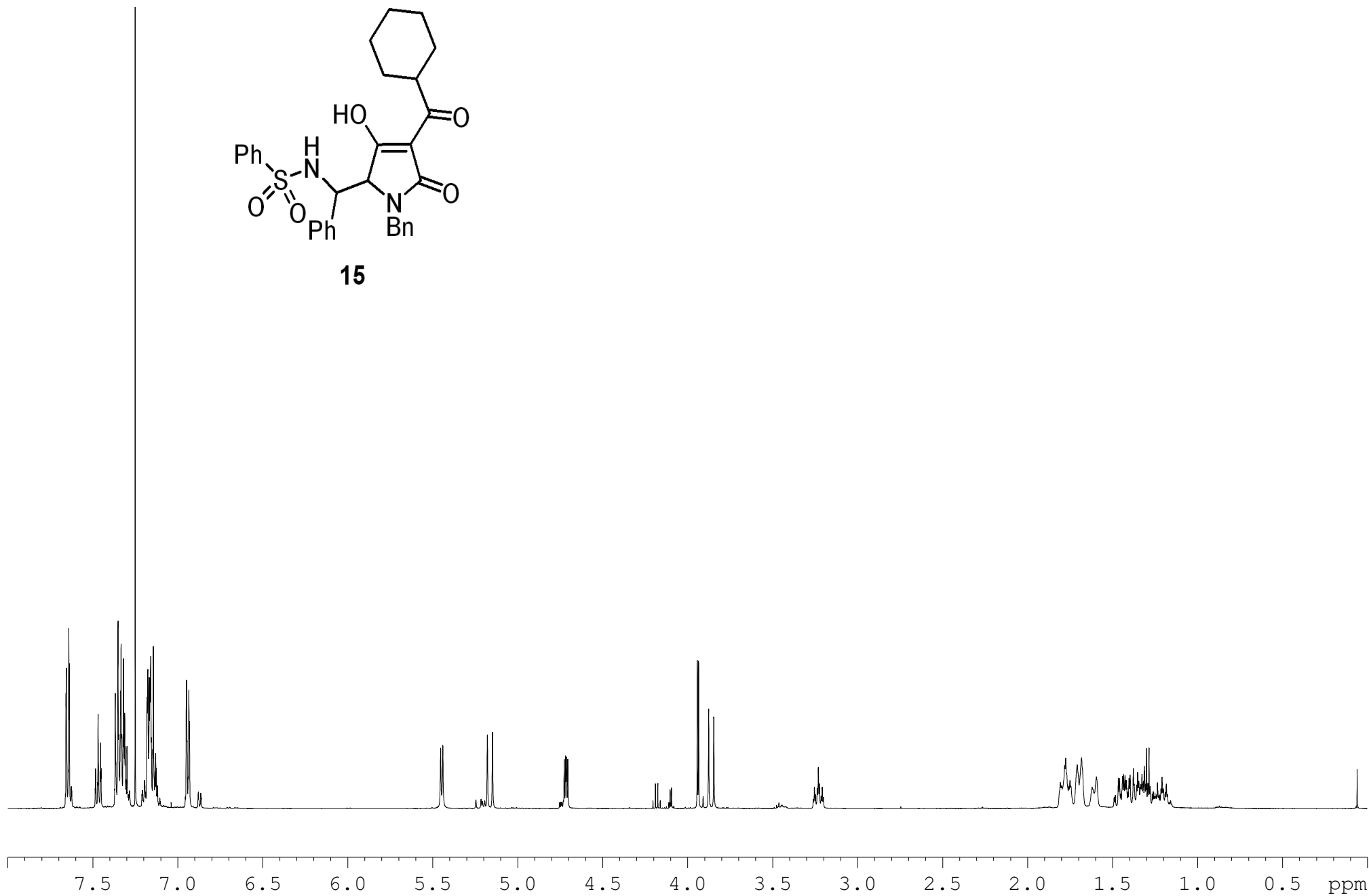


12





15



193.20  
191.59

174.62

139.68  
135.78  
135.08  
132.76  
129.05  
128.96  
128.59  
128.35  
128.24  
127.41  
127.02

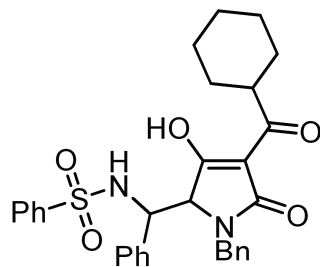
99.58

66.68

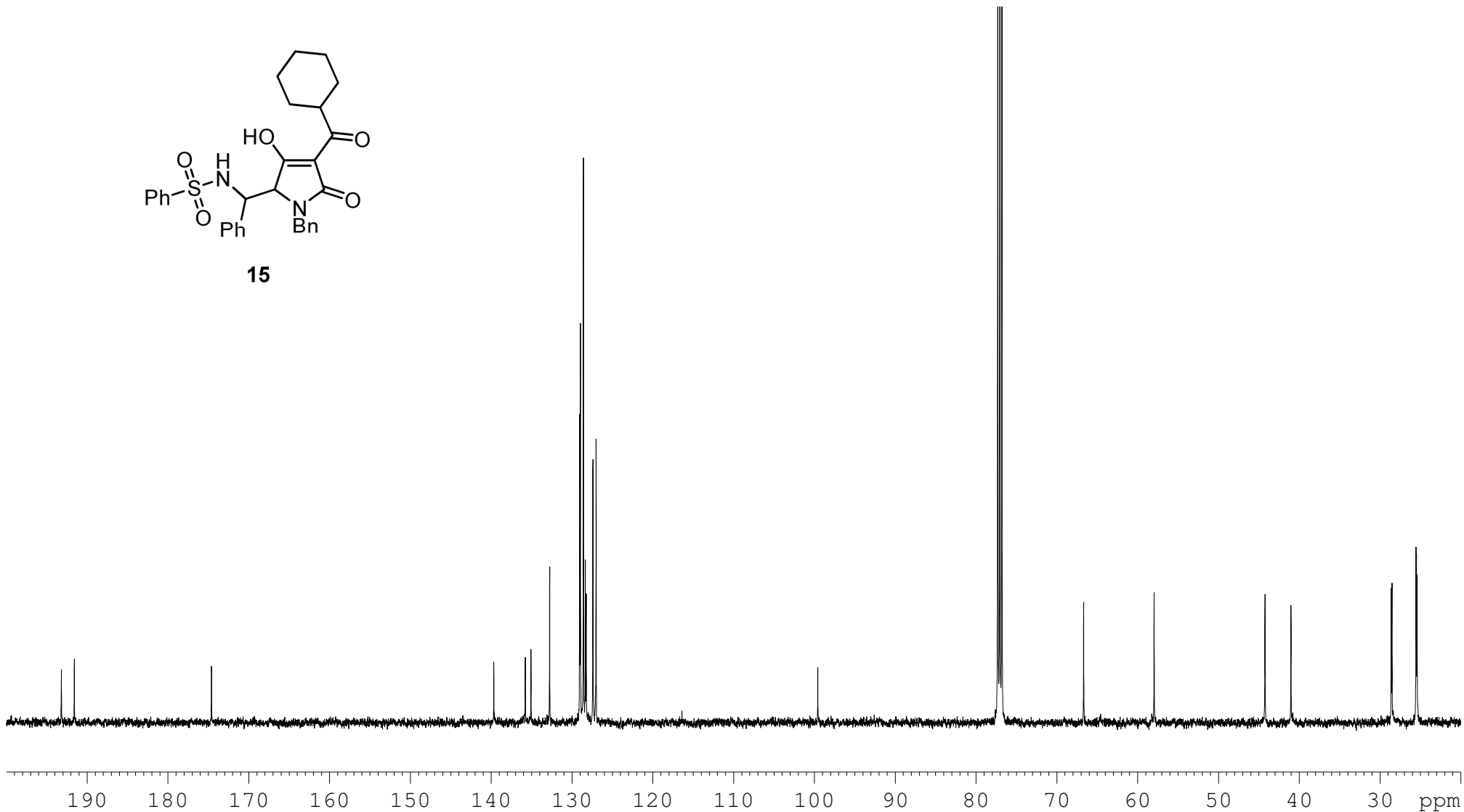
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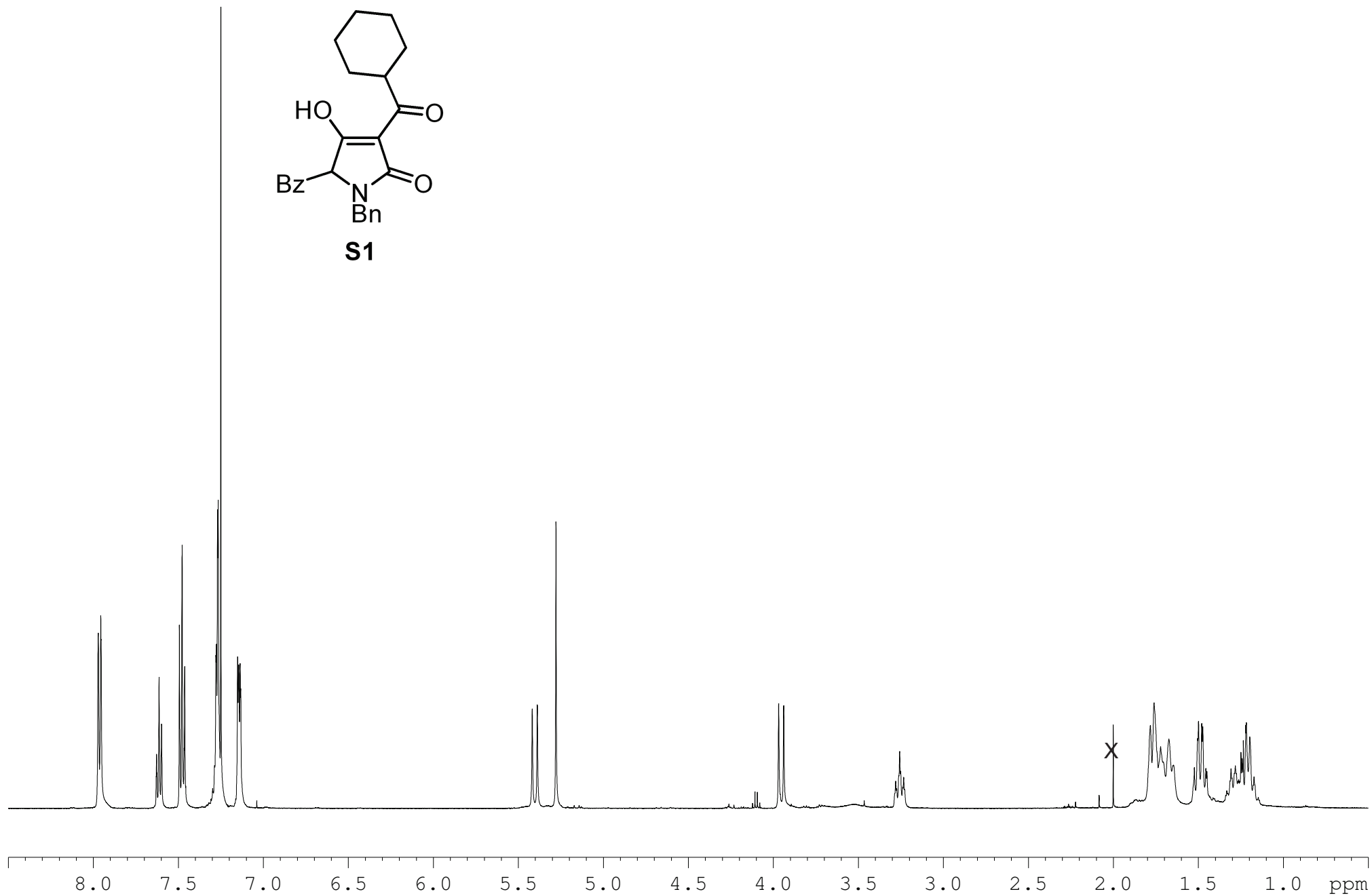
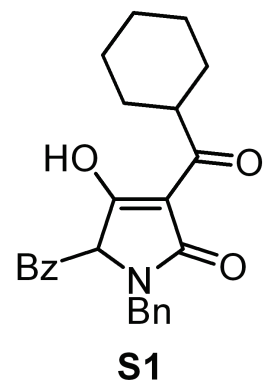
44.23  
41.02

28.61  
28.51  
25.55  
25.49



15





— 193.56  
— 189.98  
— 185.71

— 174.25

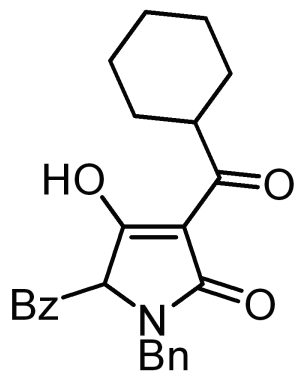
135.03  
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129.93  
129.05  
128.73  
128.69  
128.21

— 98.63

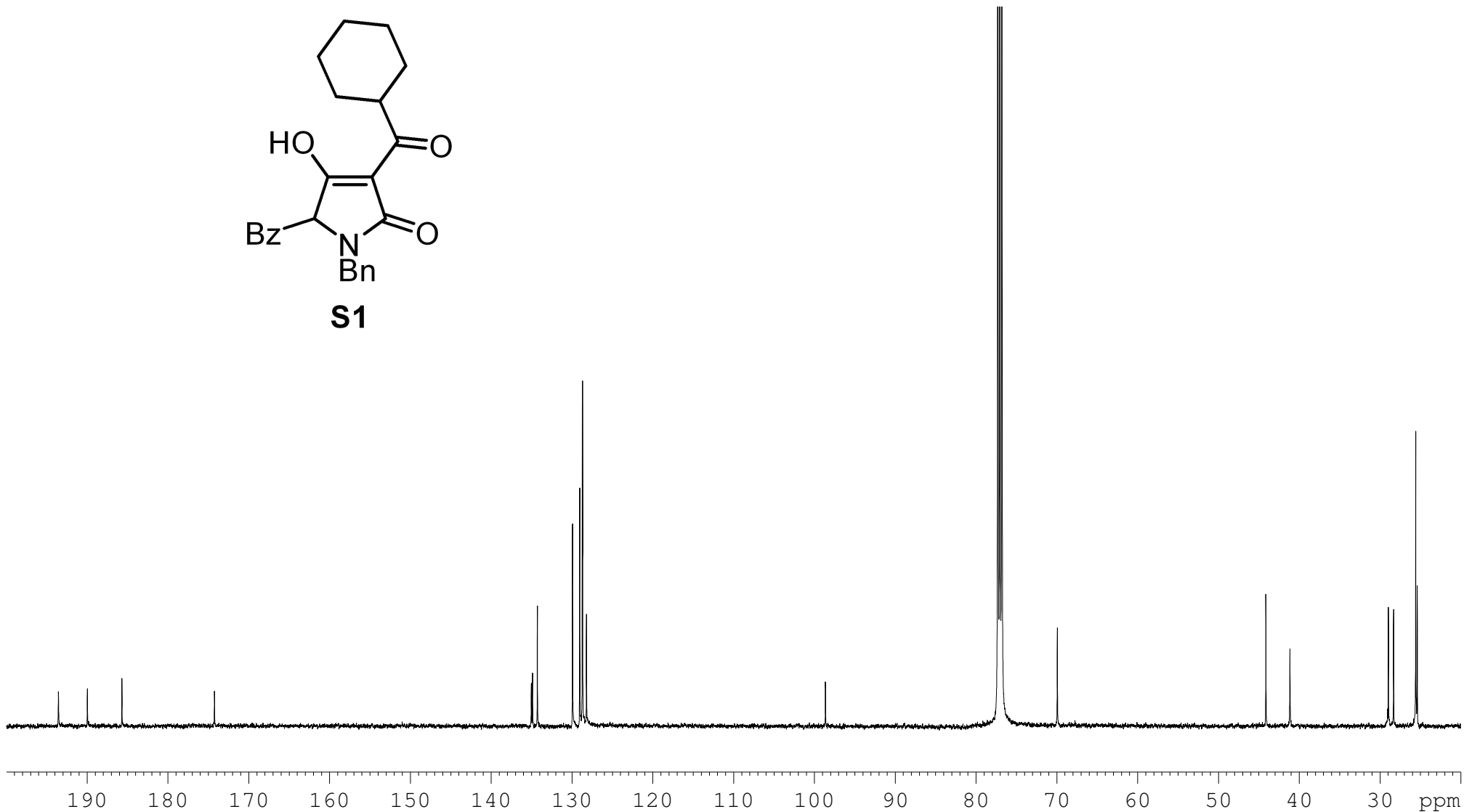
— 69.93

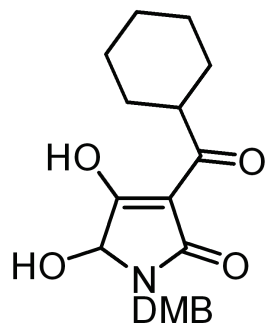
— 44.12  
— 41.14

28.96  
28.31  
25.57  
25.38

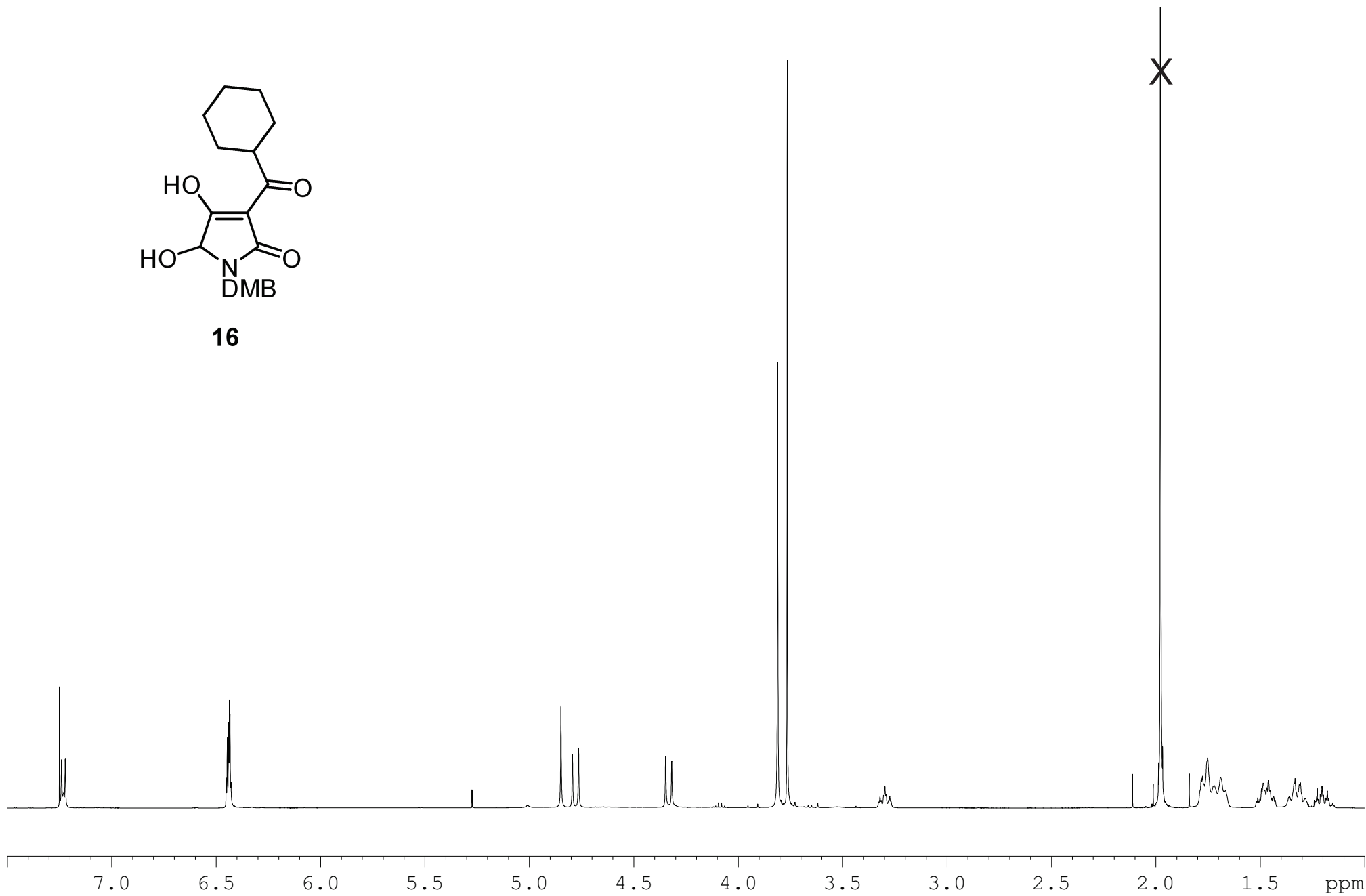


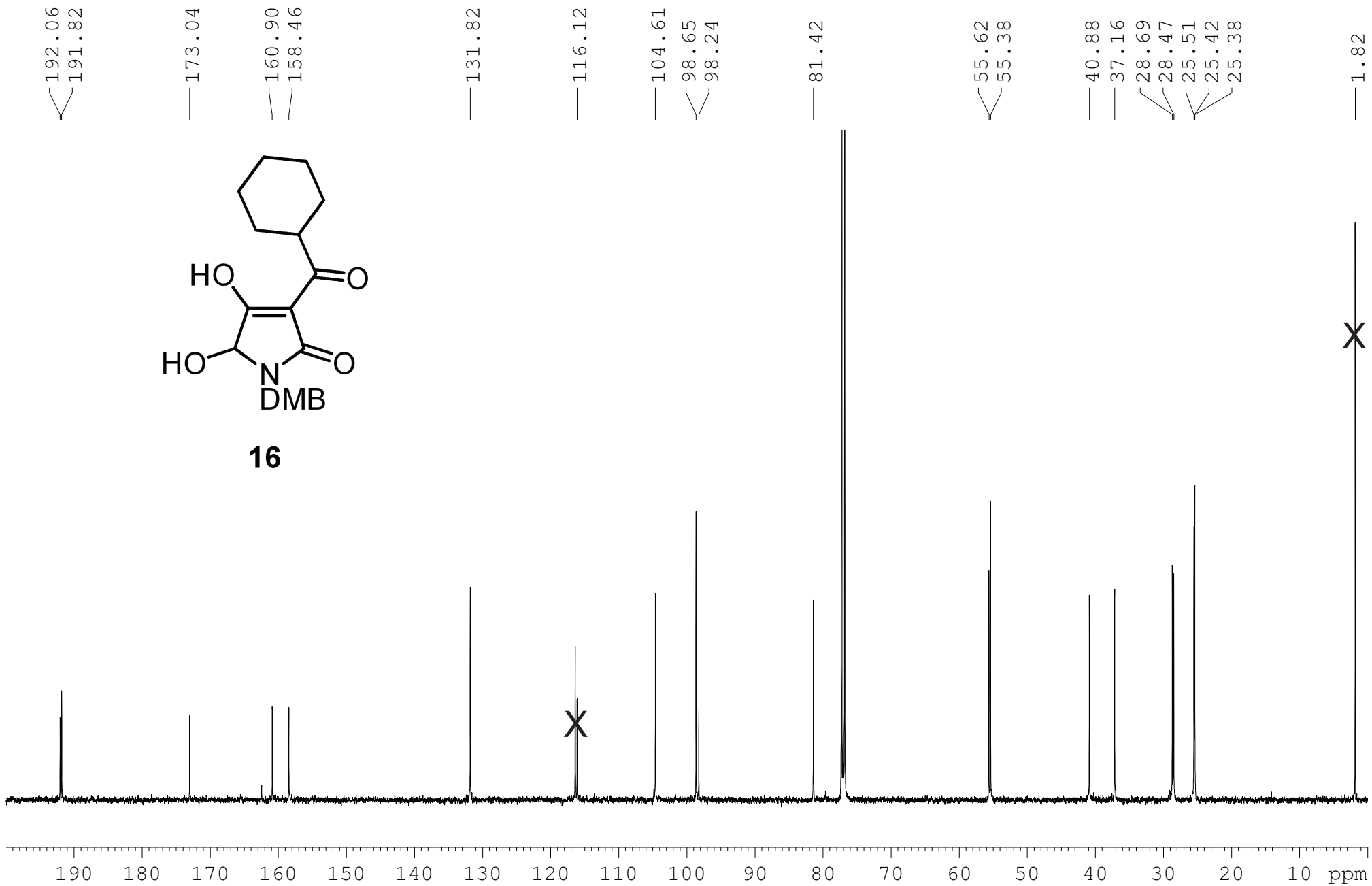
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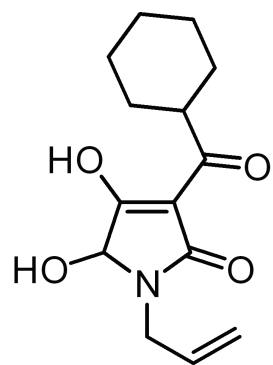




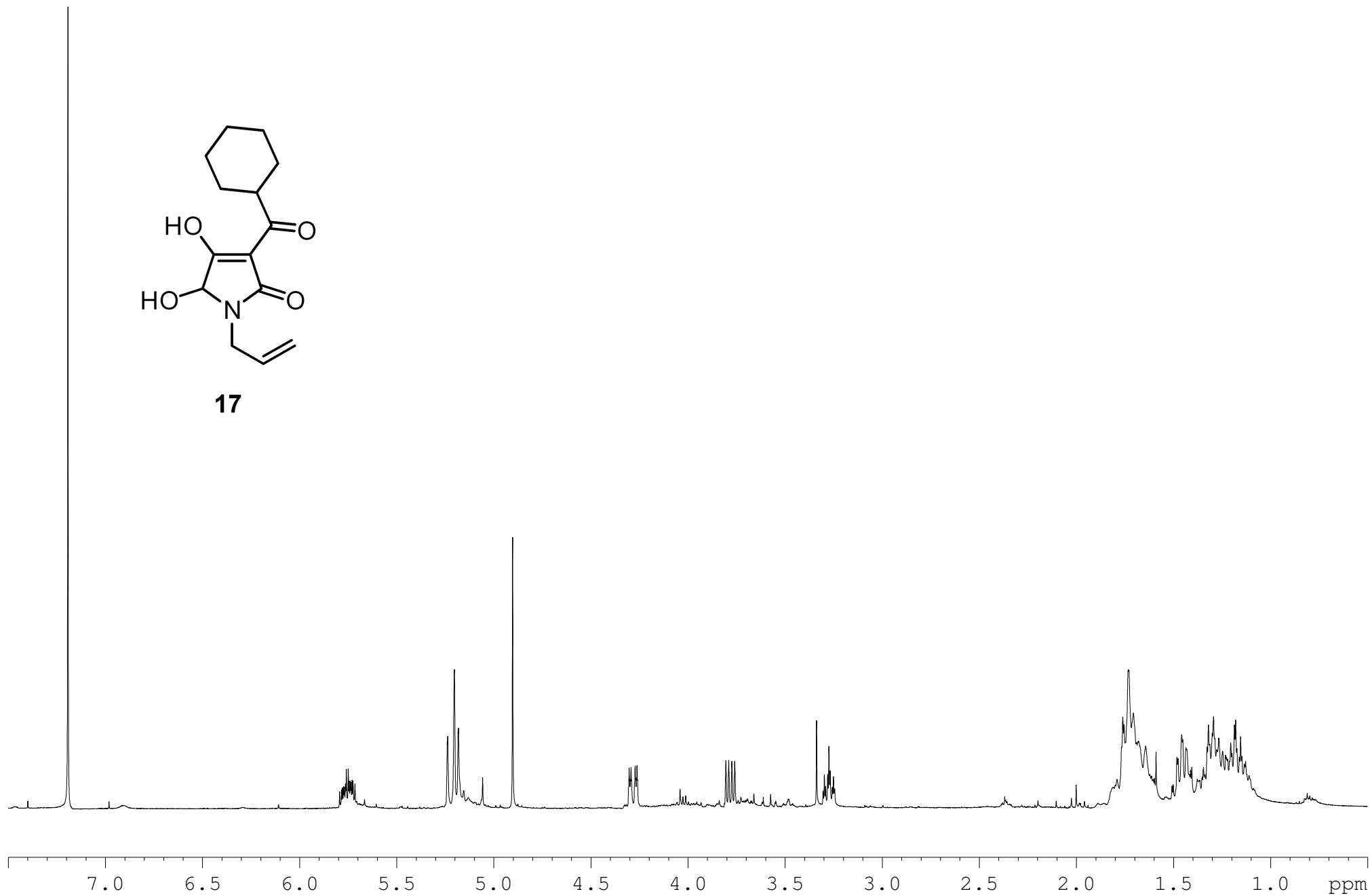
**16**







17





< 192.44  
< 191.76

— 173.18

— 131.56

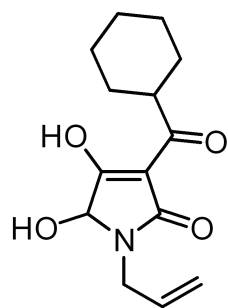
— 118.97

— 97.91

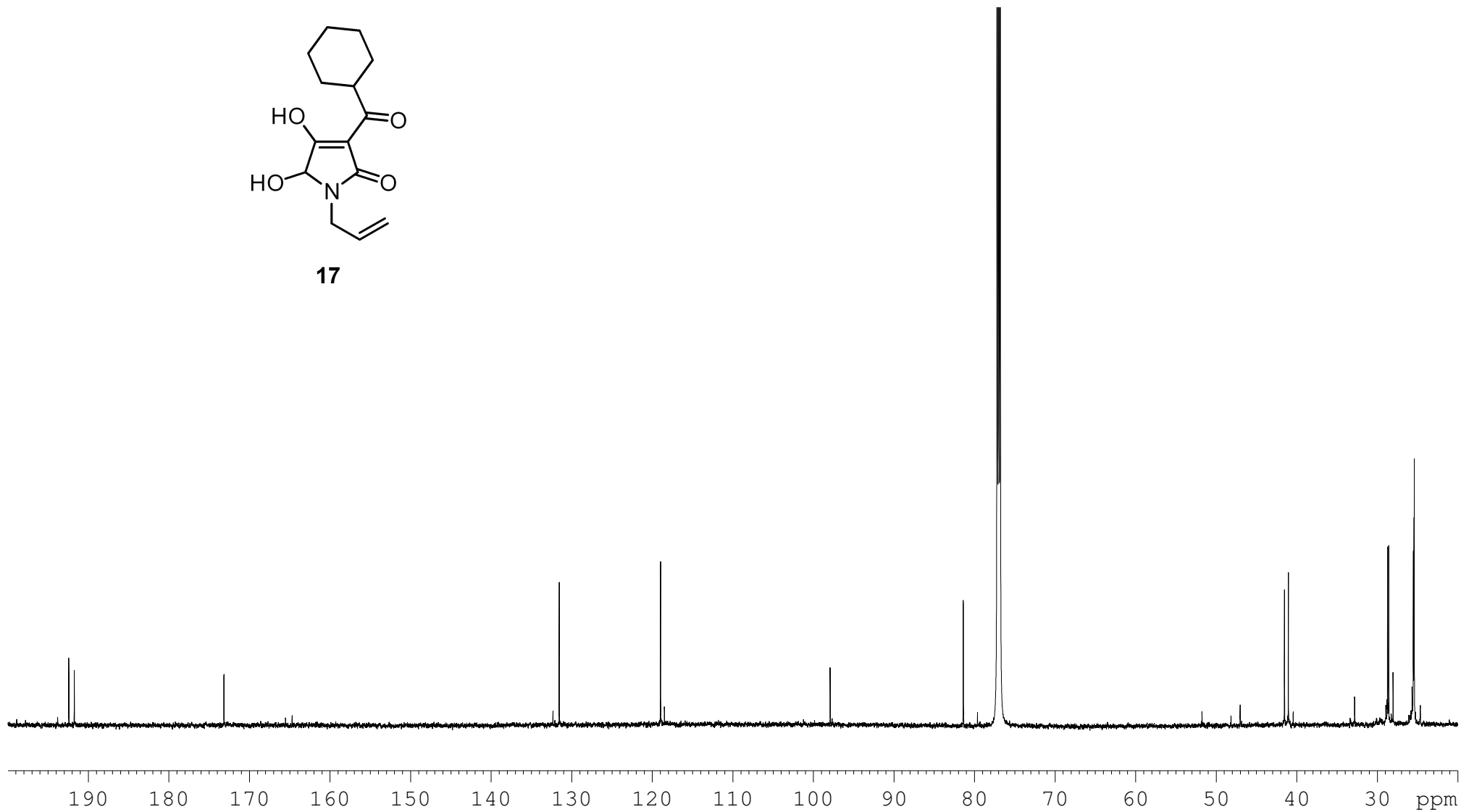
— 81.39

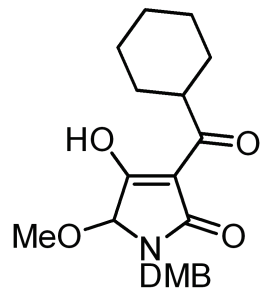
< 41.51  
< 41.04

< 28.72  
< 28.57  
< 25.52  
< 25.44

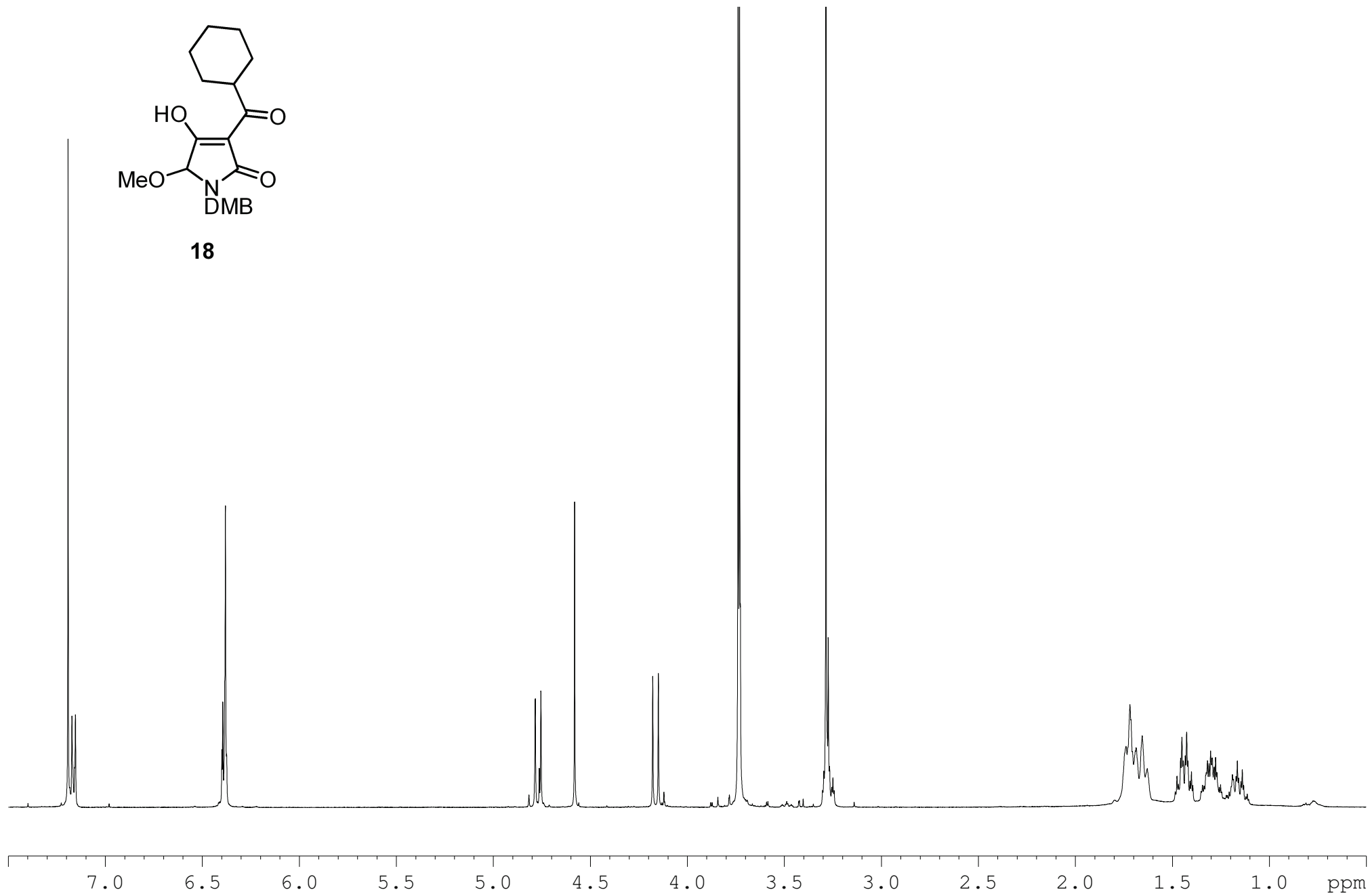


17





**18**



191.34  
191.26

173.69

160.92  
158.62

131.66

116.15

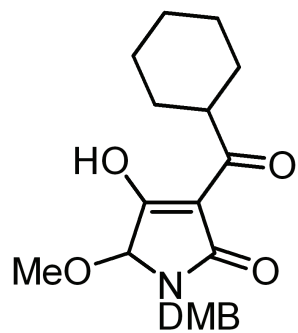
104.17  
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98.58

87.39

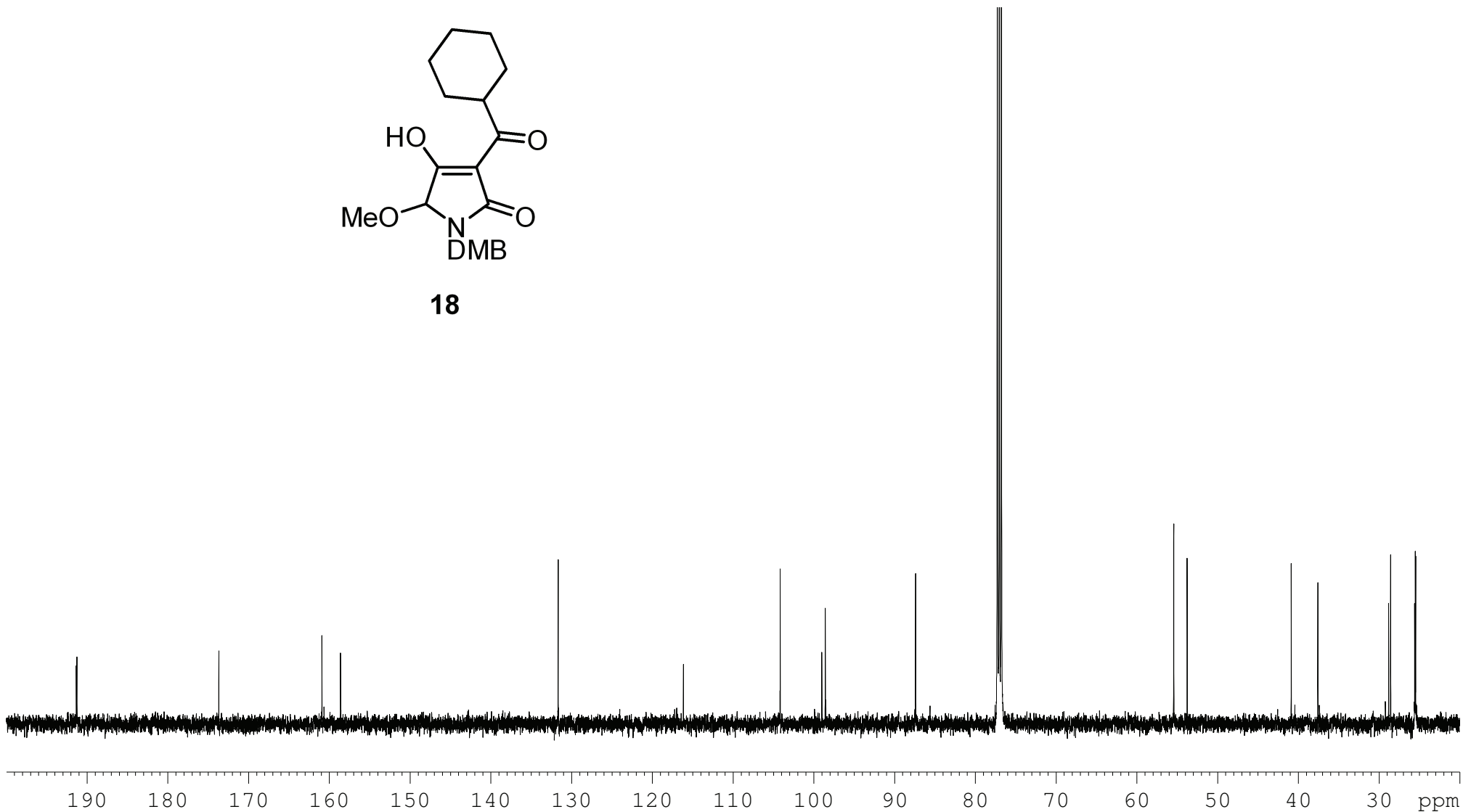
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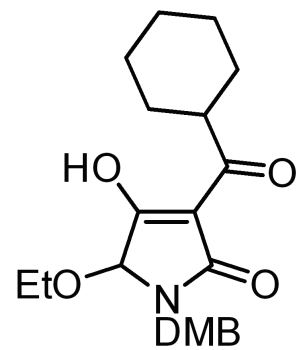
40.87  
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28.81  
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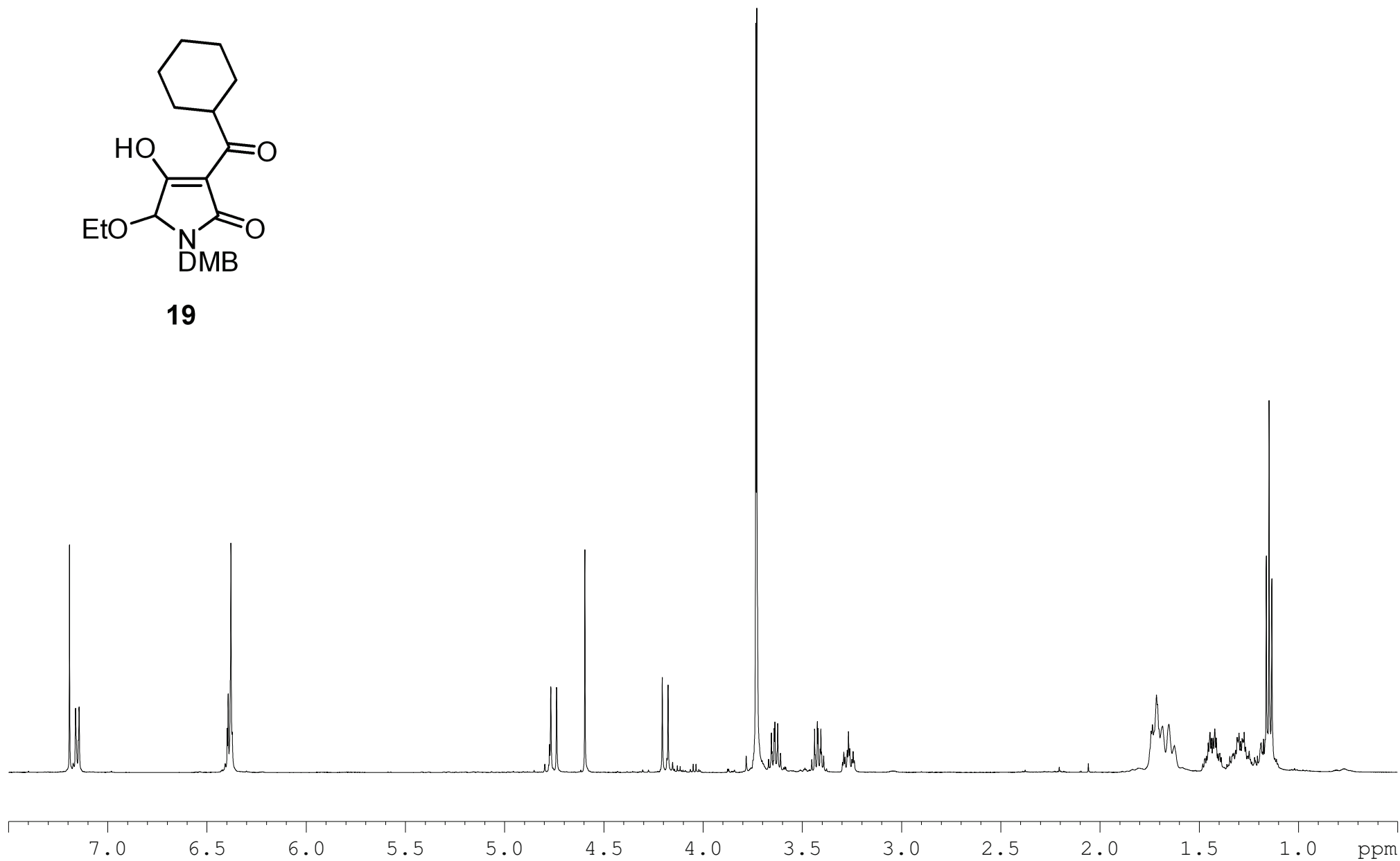


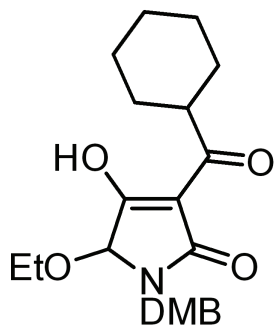
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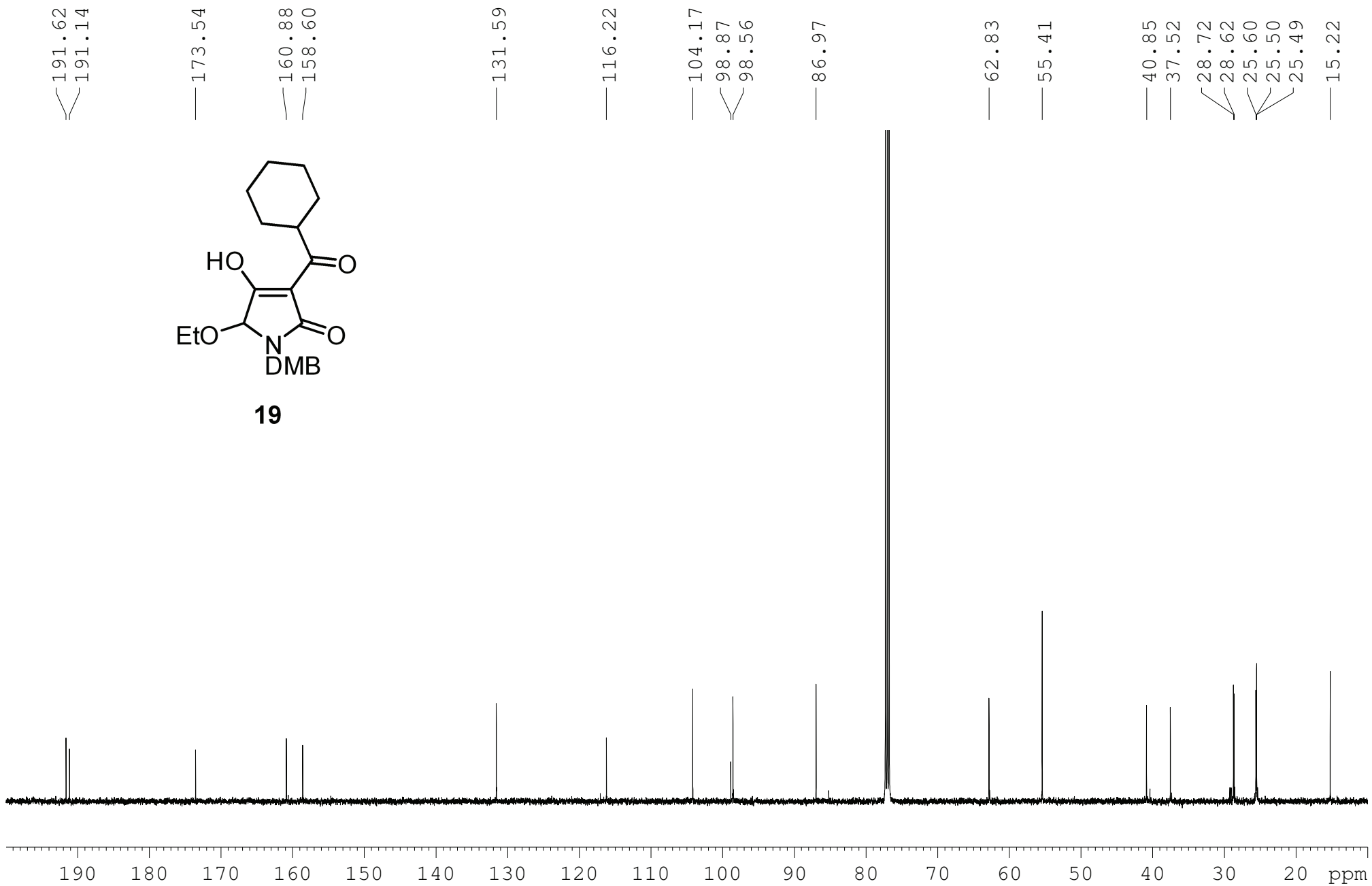


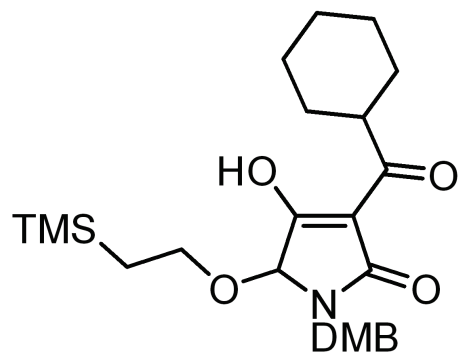
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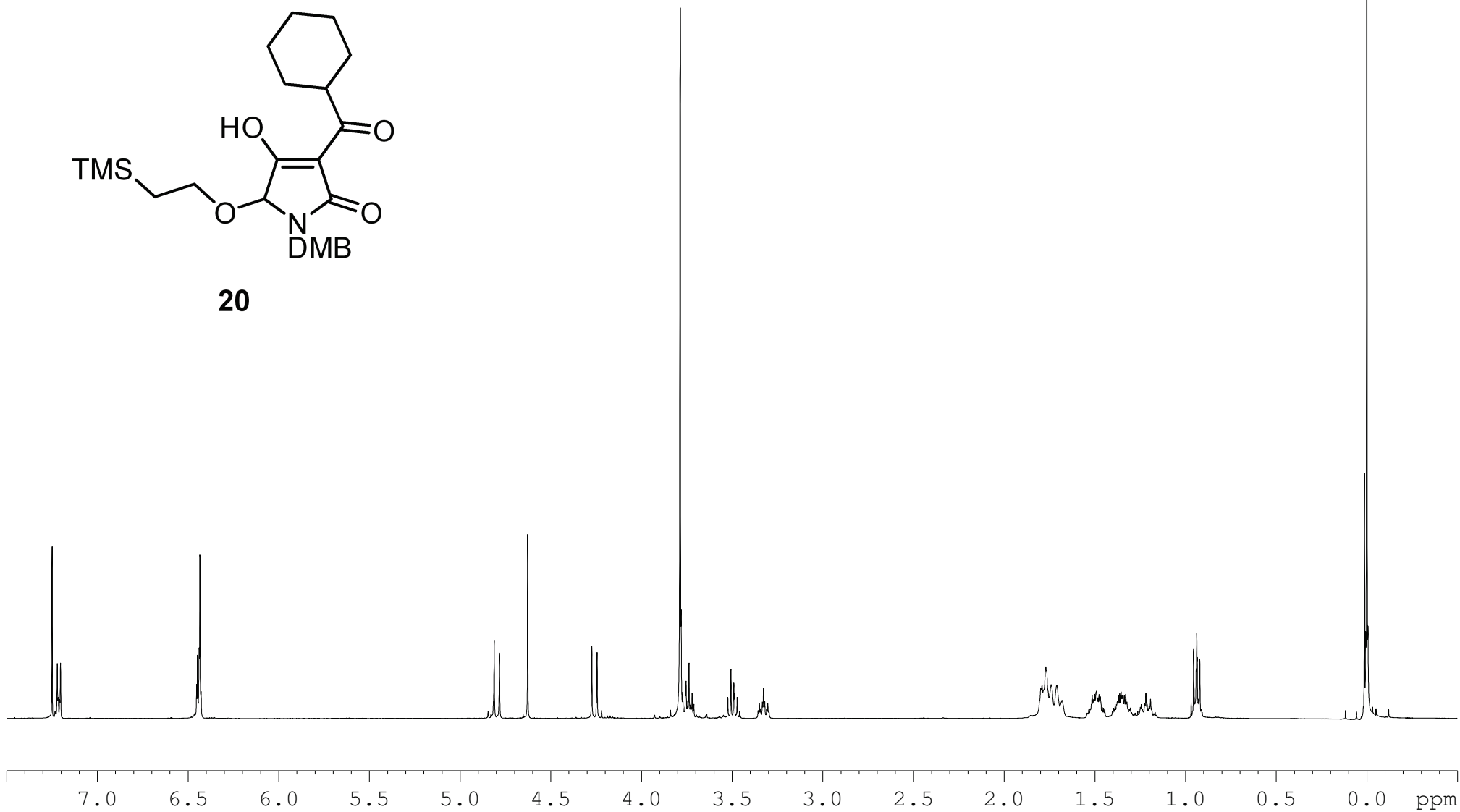


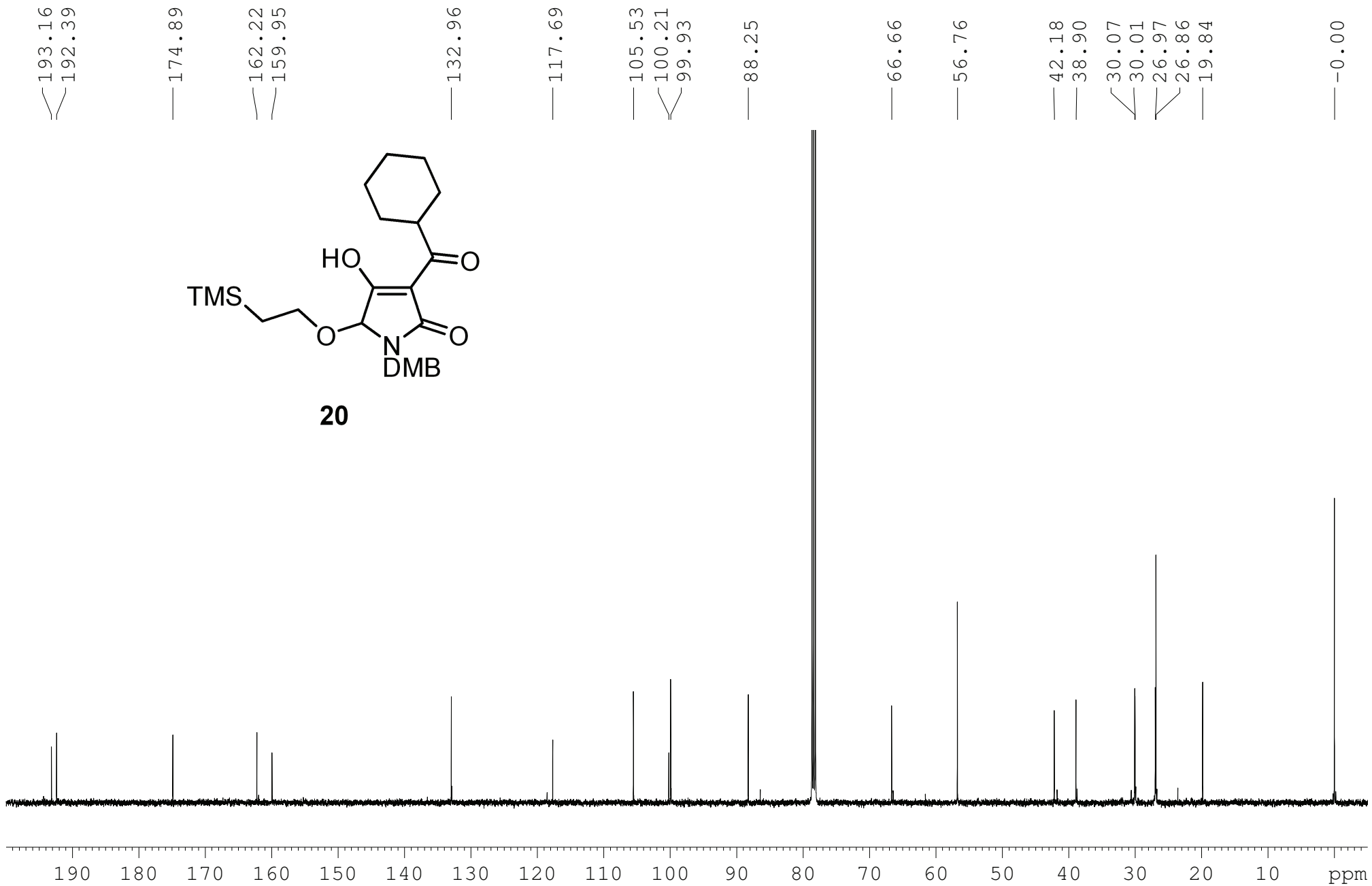
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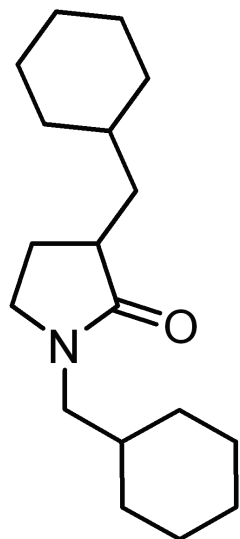




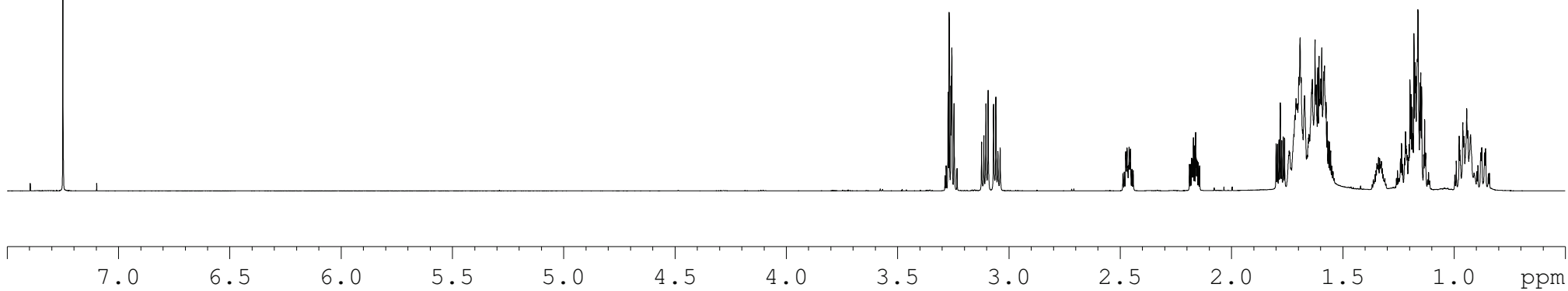
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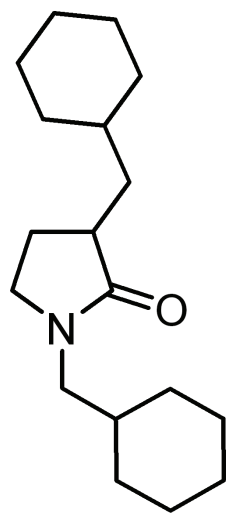
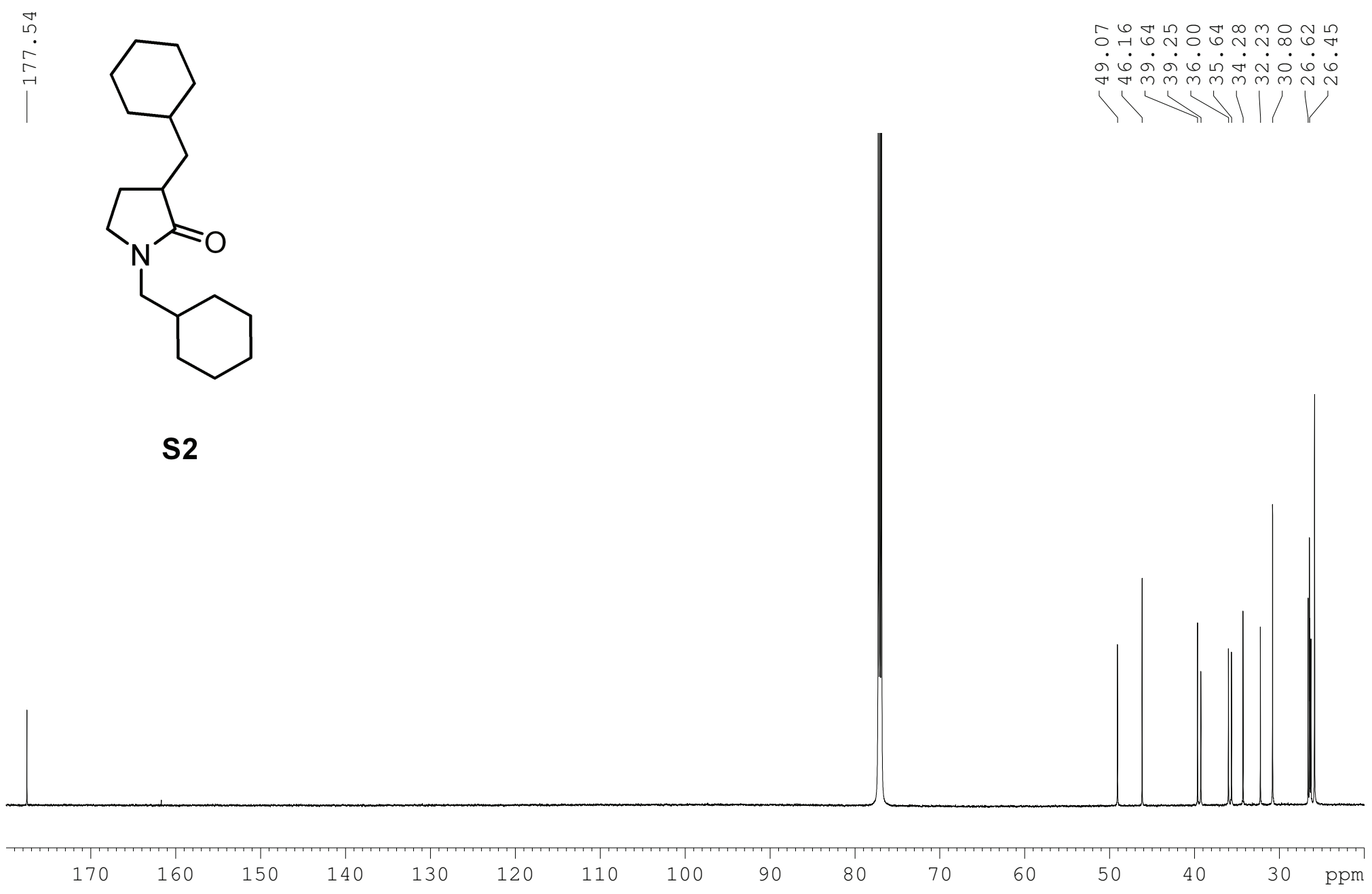




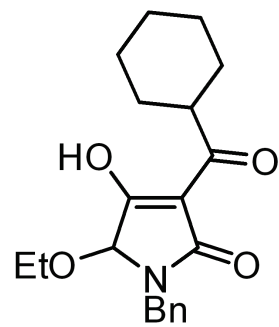
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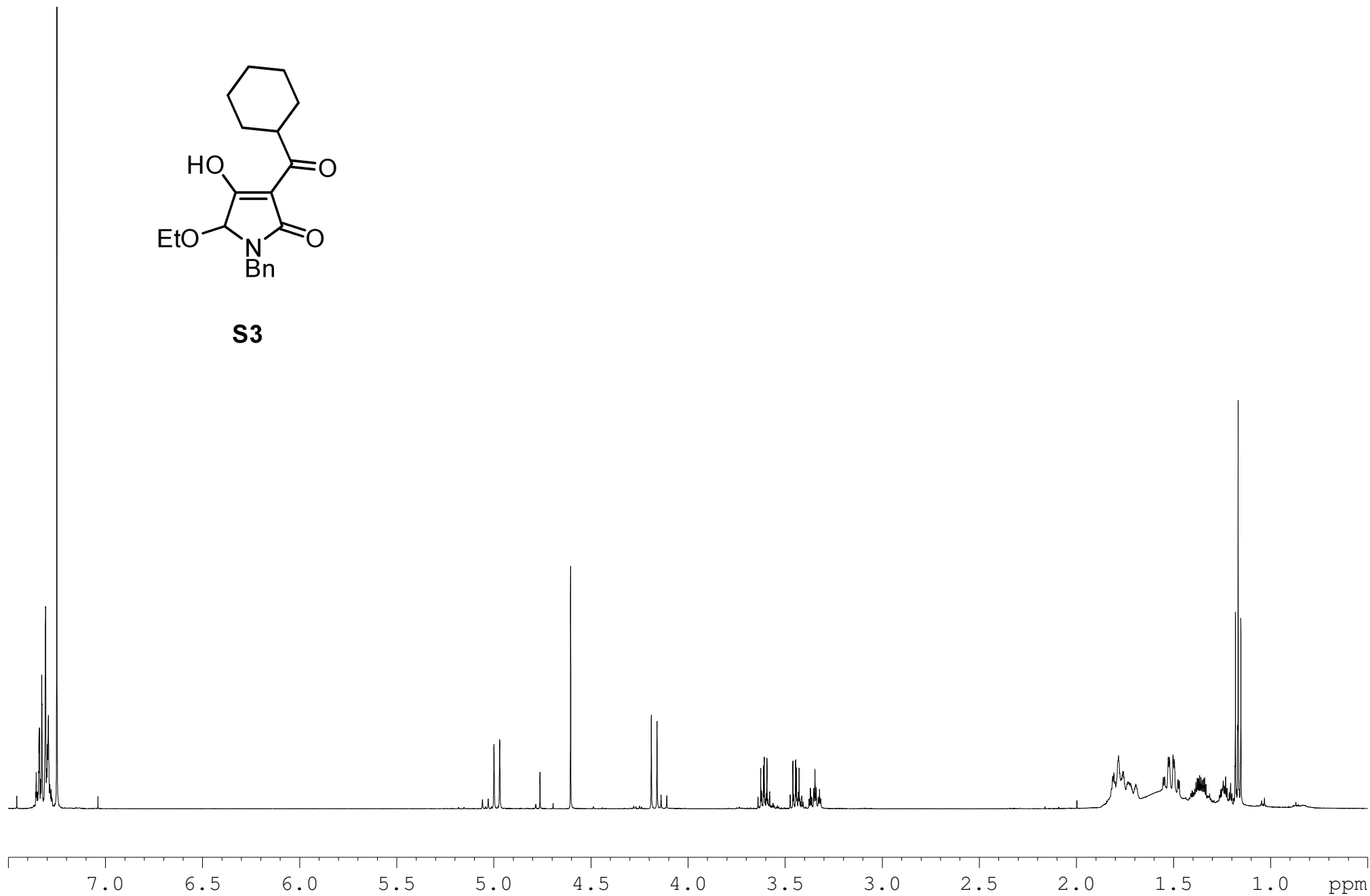


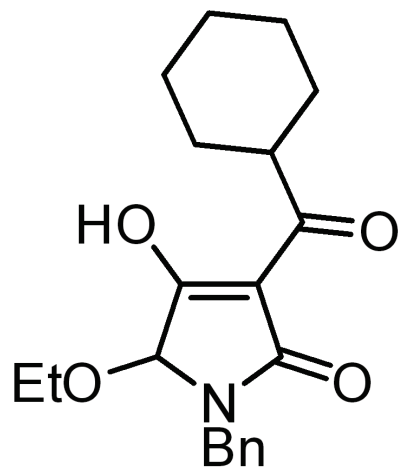


S2

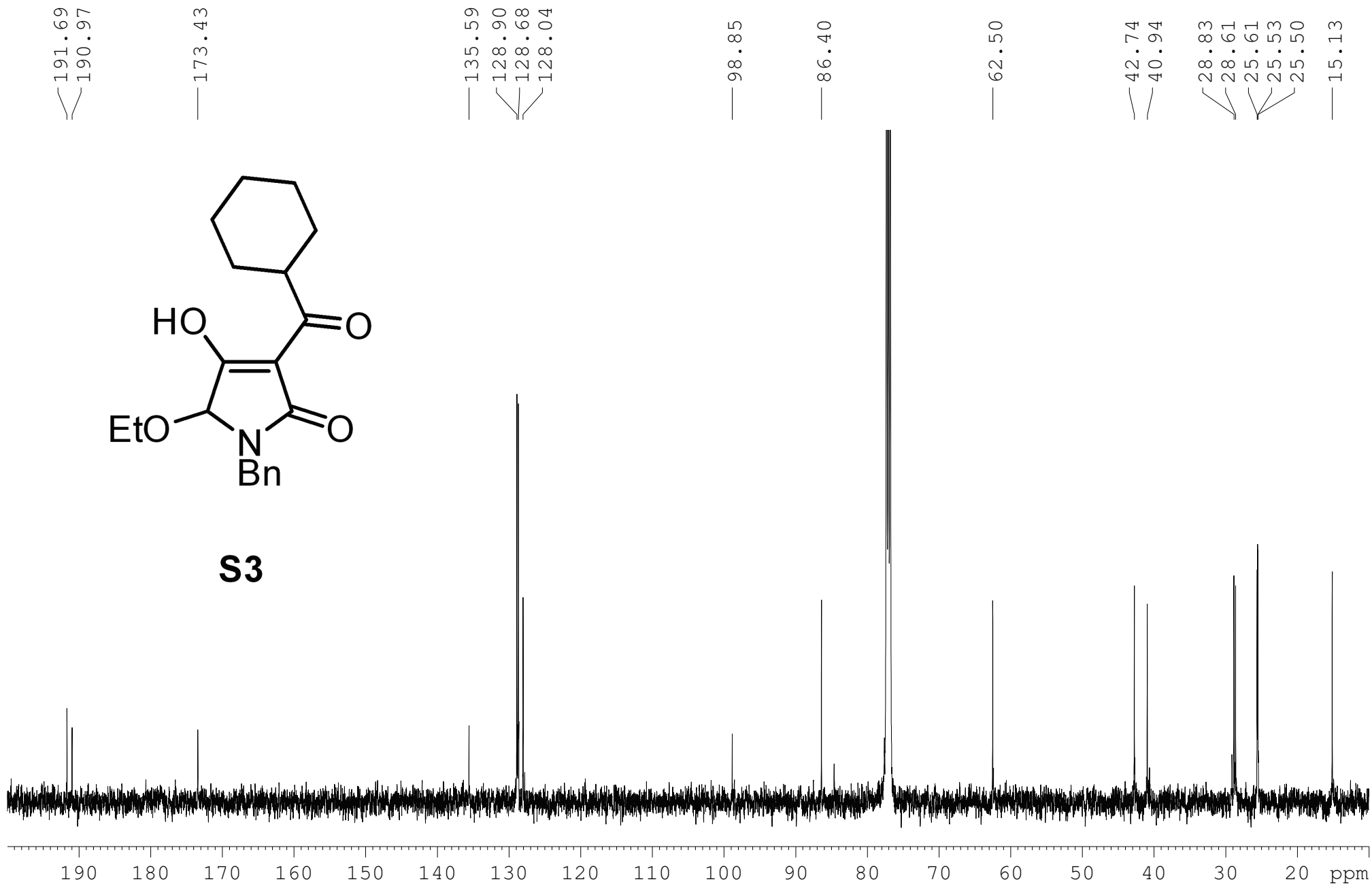


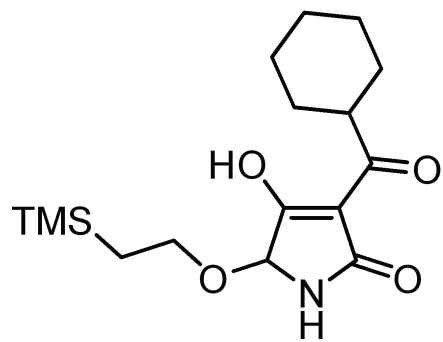
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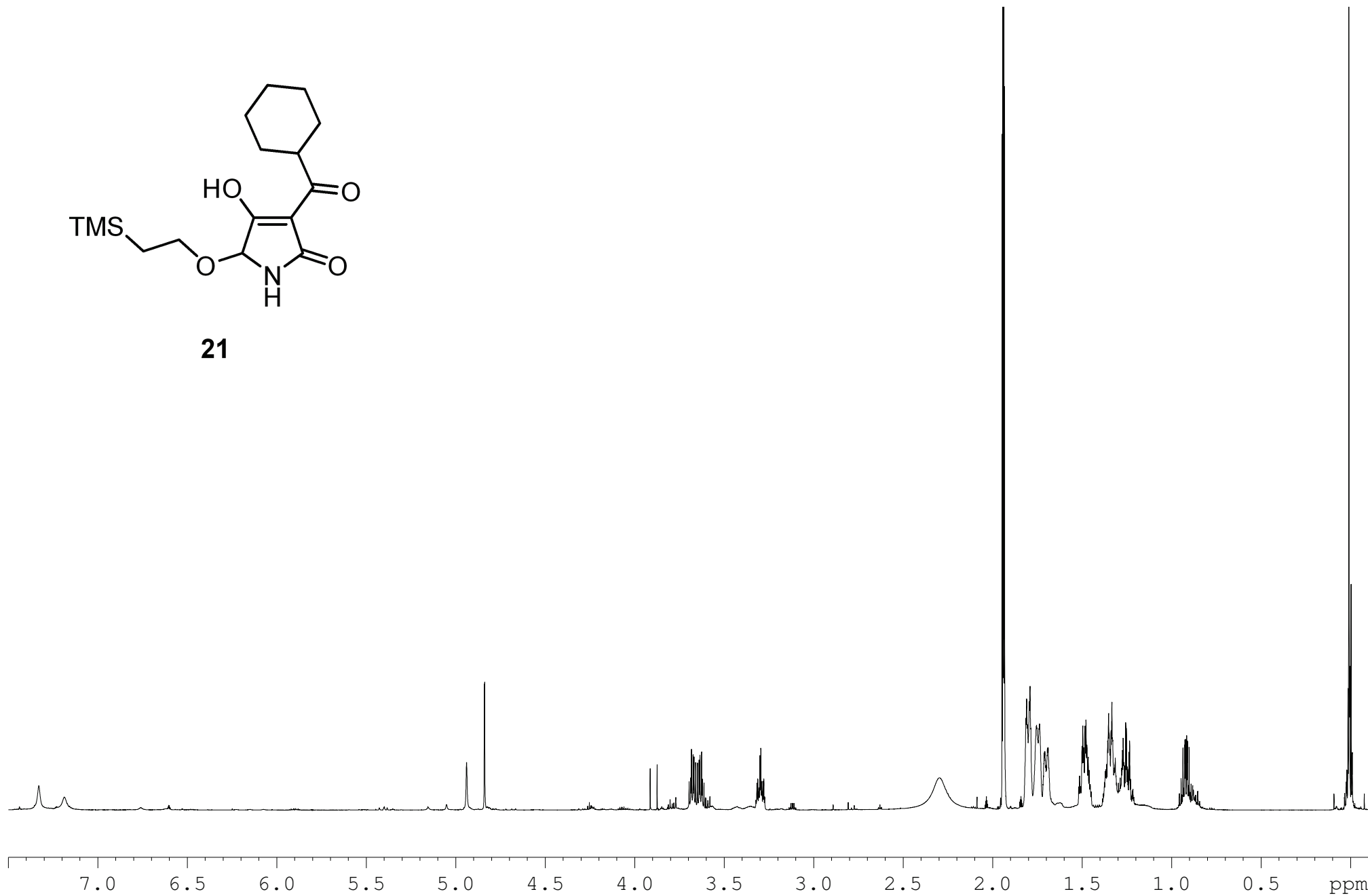


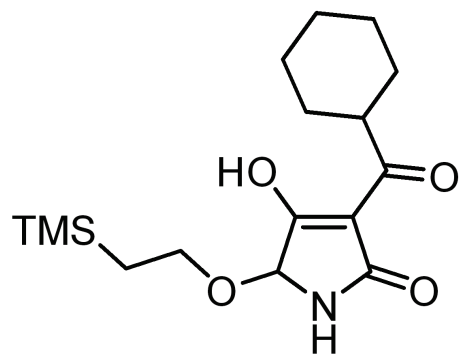
**S3**



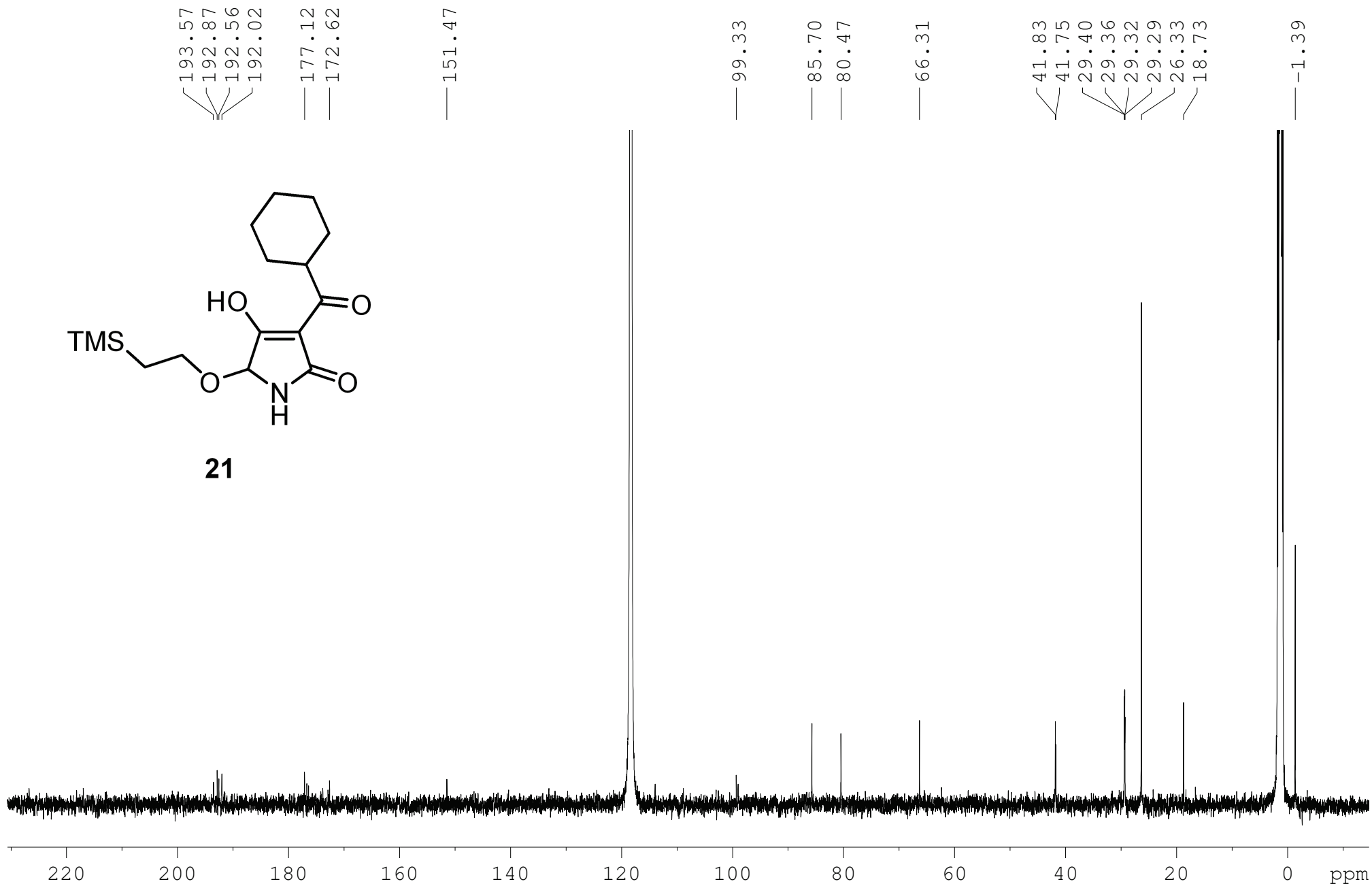


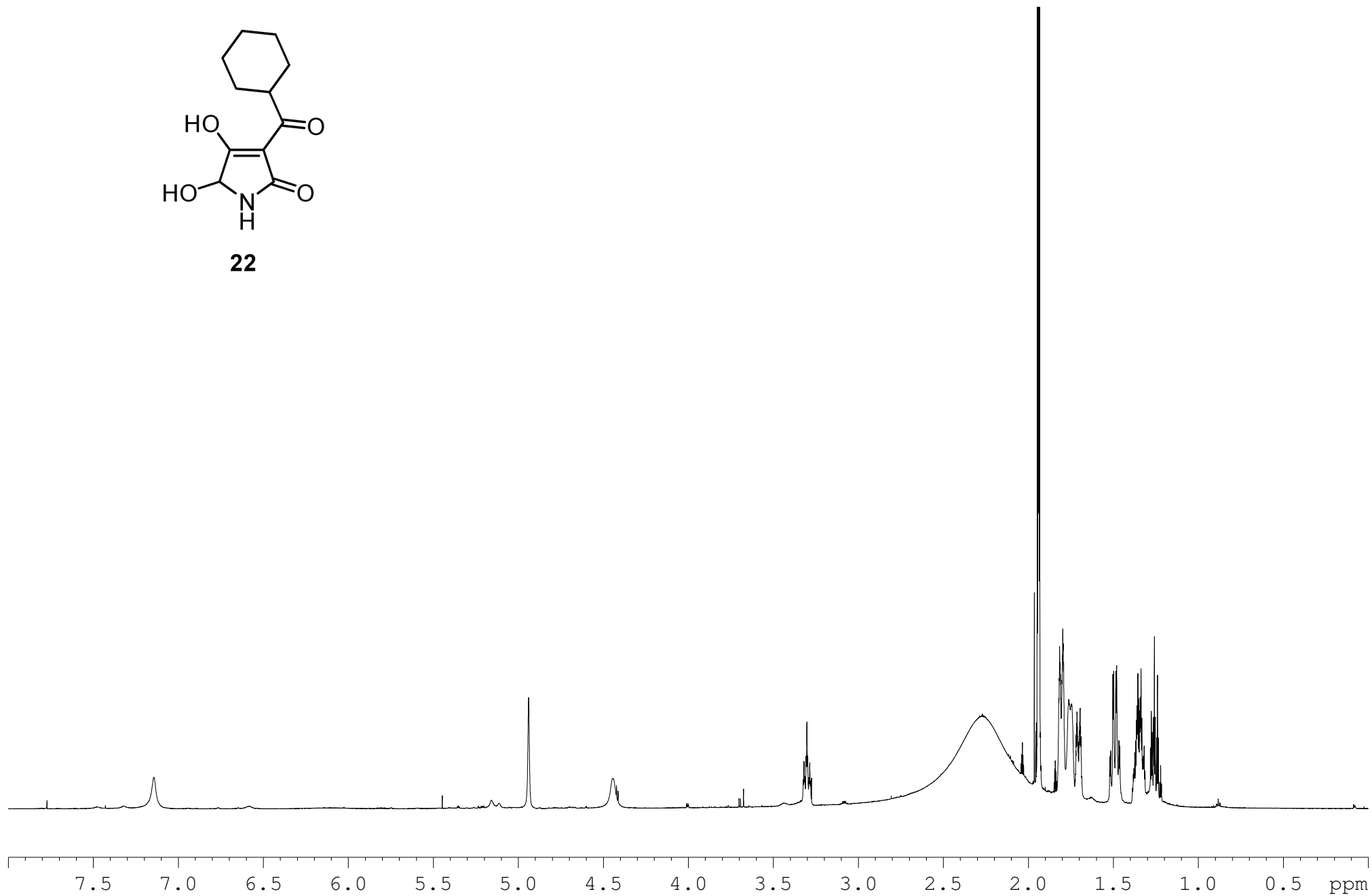
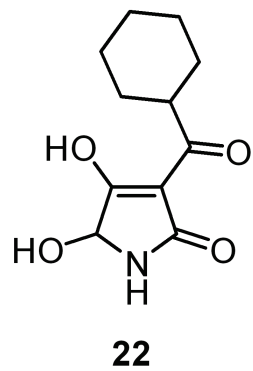
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21





193.44  
192.51

176.67

98.98

80.43

41.72

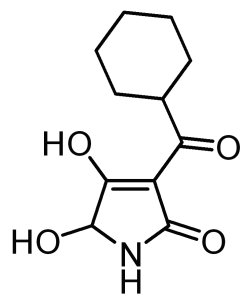
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26.28



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