

# Supporting Information

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$^1\text{H}$ ,  $^{13}\text{C}$  and bidimensional NMR spectra

S2 – S48

<sup>1</sup>H NMR, 300 MHz, CDCl<sub>3</sub>, 330K

7.86  
7.84  
7.82  
7.80  
7.78  
7.75  
7.73  
7.59  
7.57  
7.44  
7.42  
7.41  
7.39  
7.30  
7.28

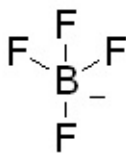
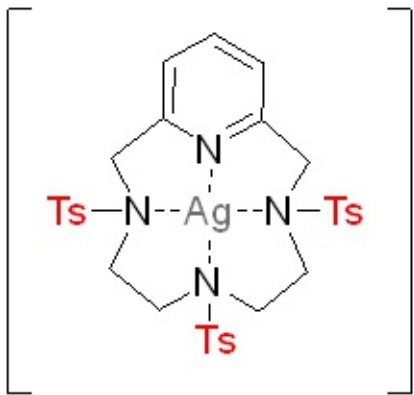
4.46

3.35

2.87

2.49

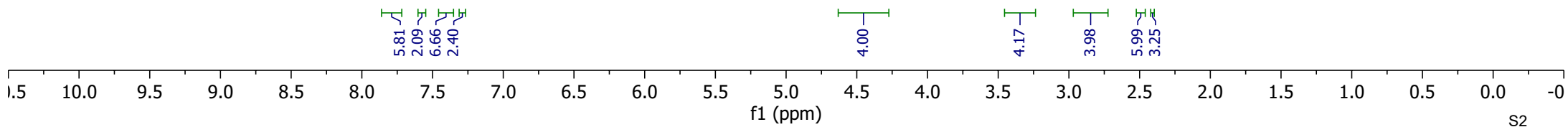
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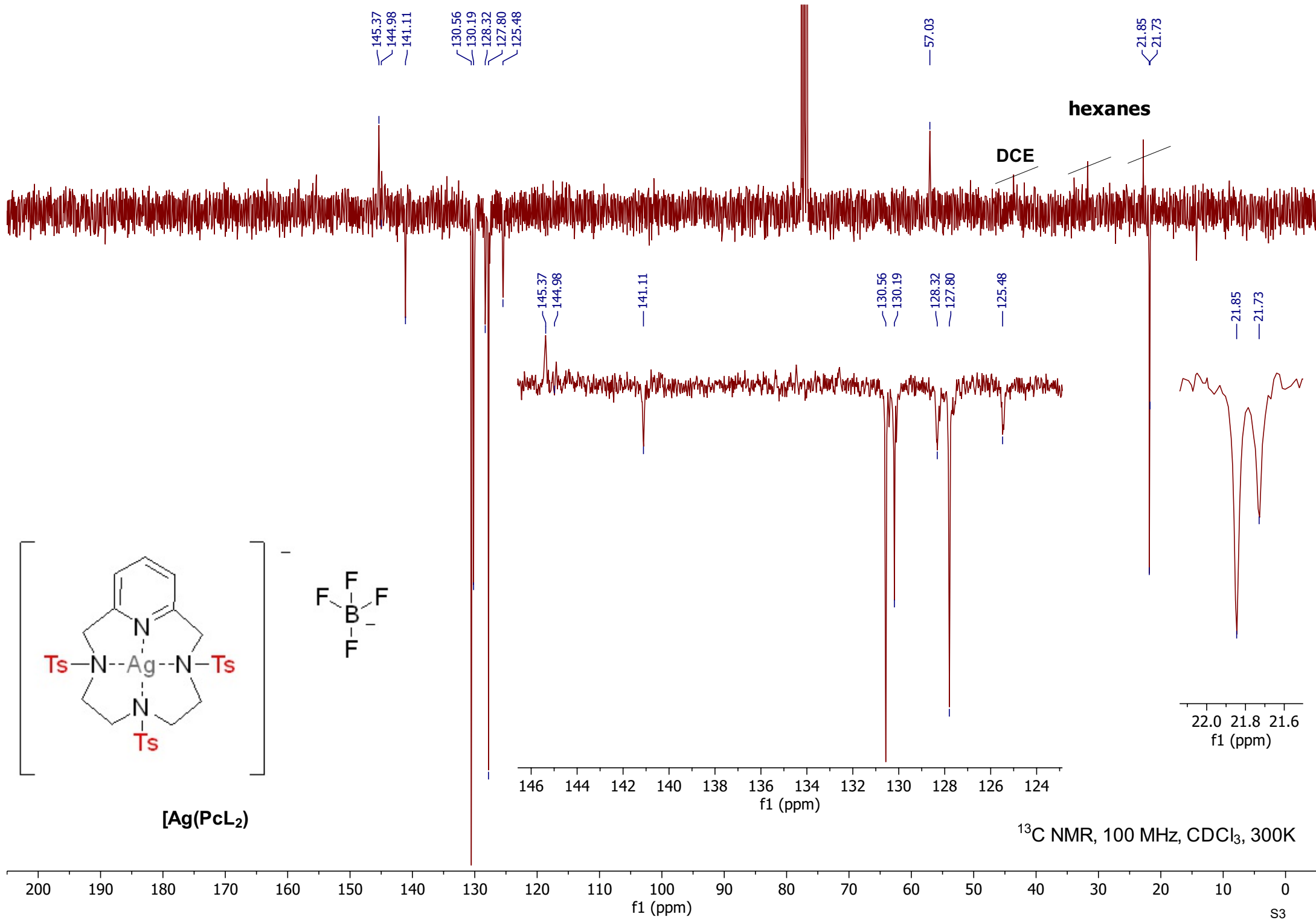


[Ag(PcL<sub>2</sub>)]<sup>-</sup>

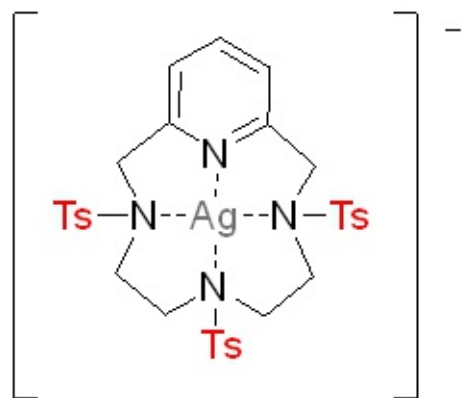
DCE

hexanes

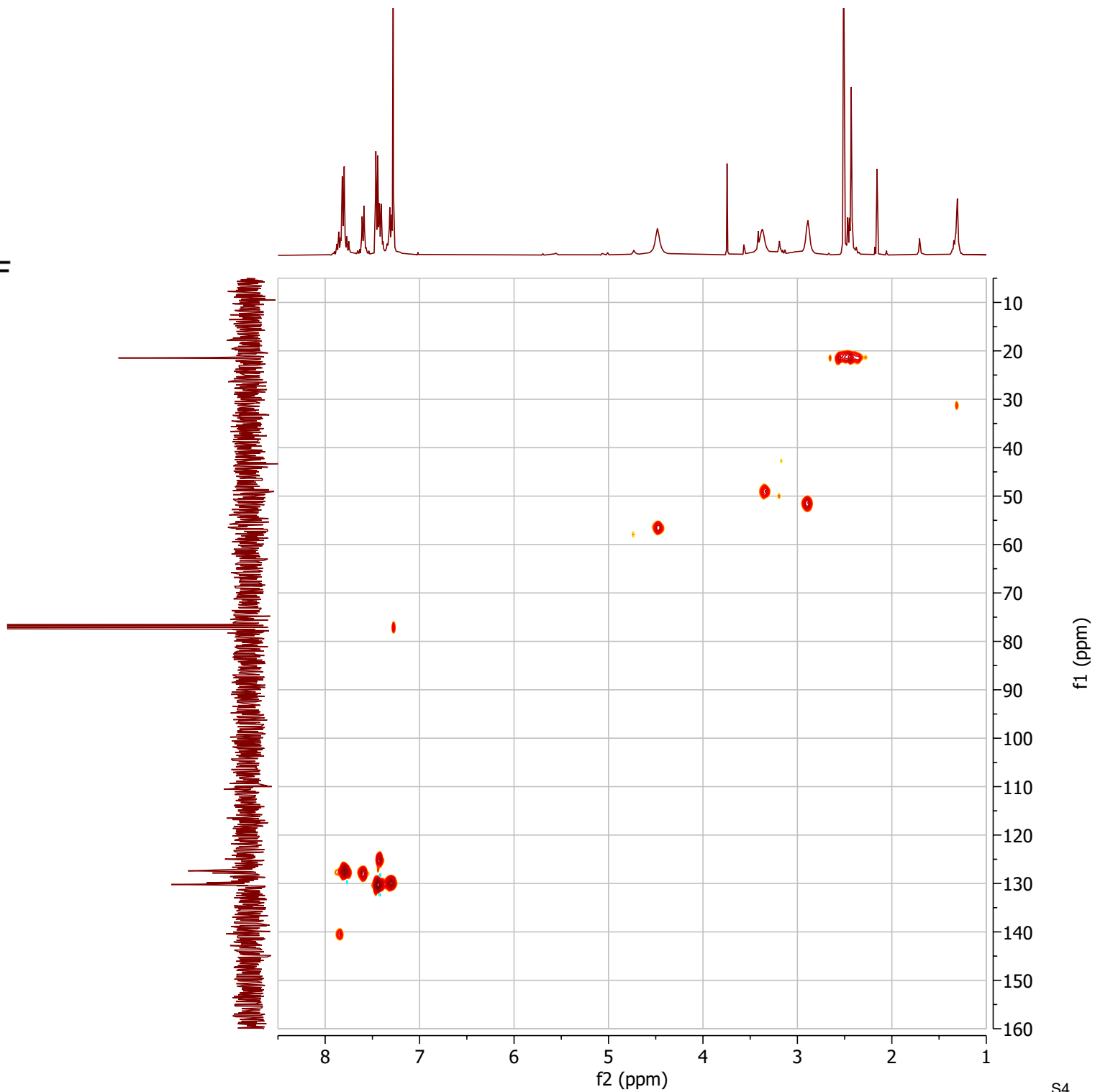
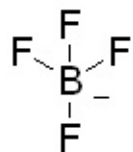


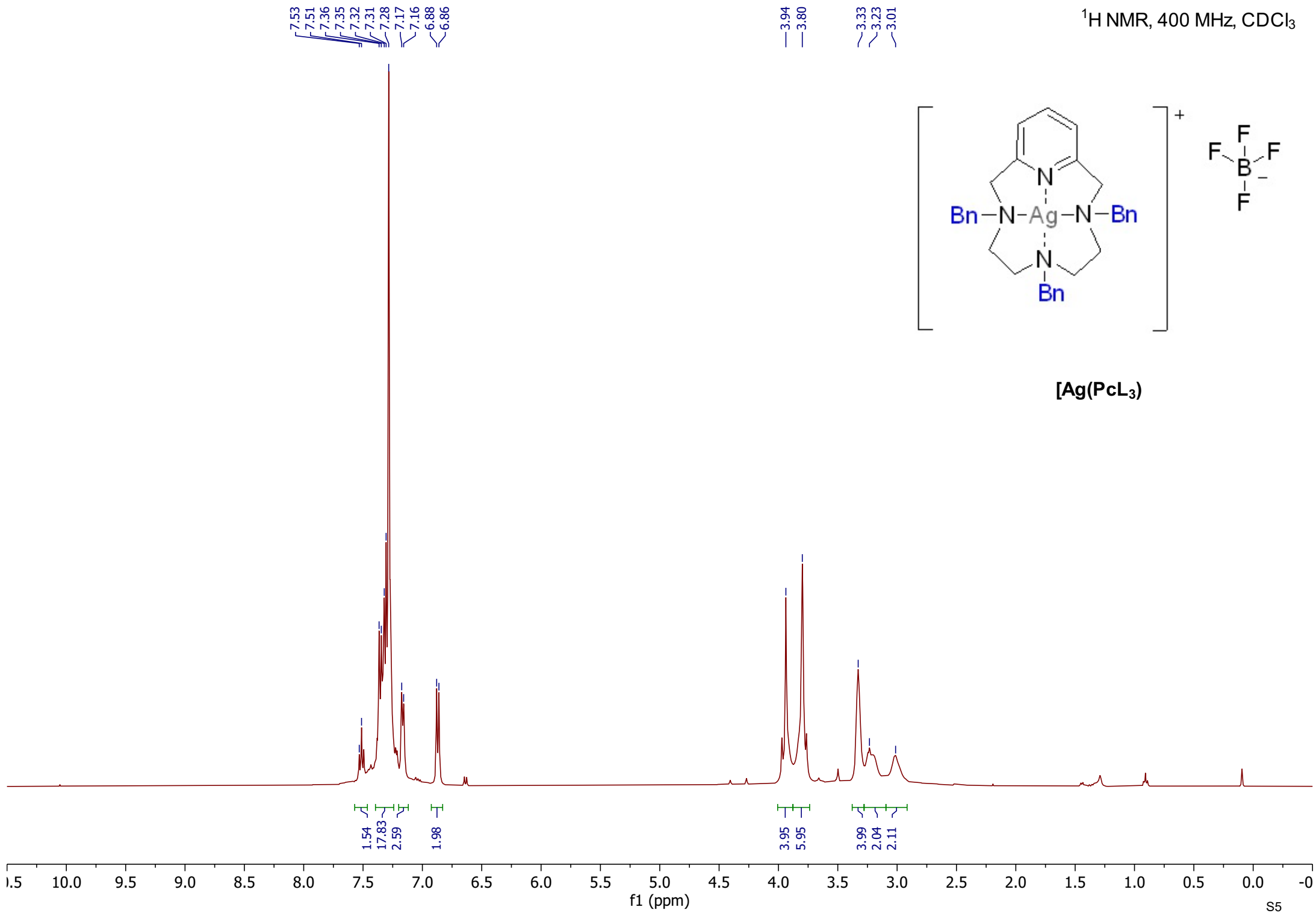


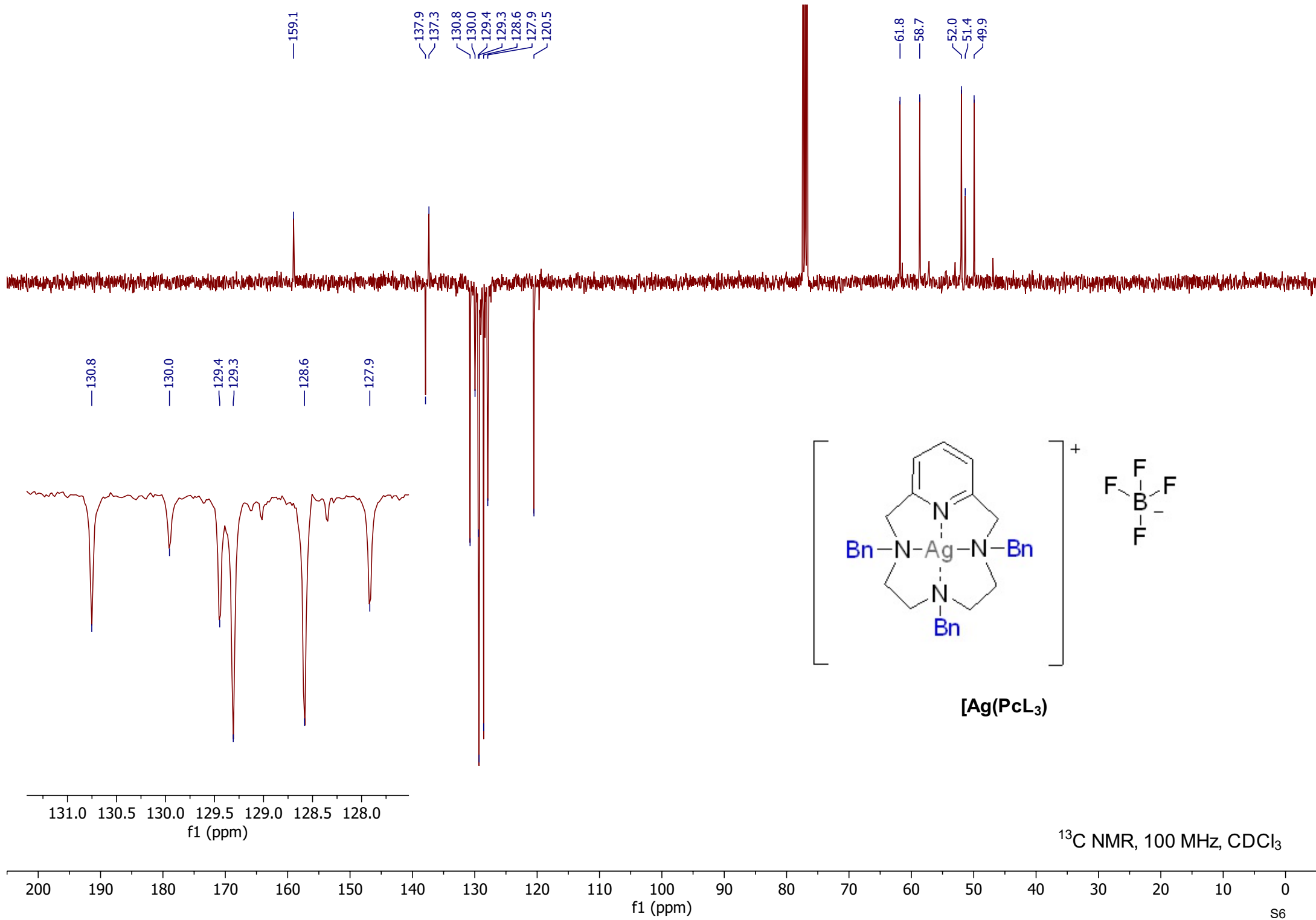
HSQC, 400 MHz,  $\text{CDCl}_3$ , 330K



$[\text{Ag}(\text{PcL}_2)]^-$

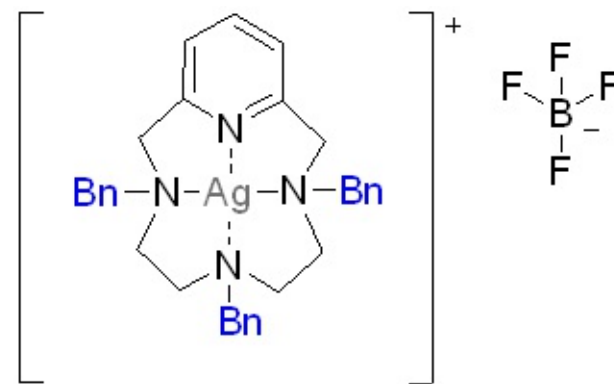




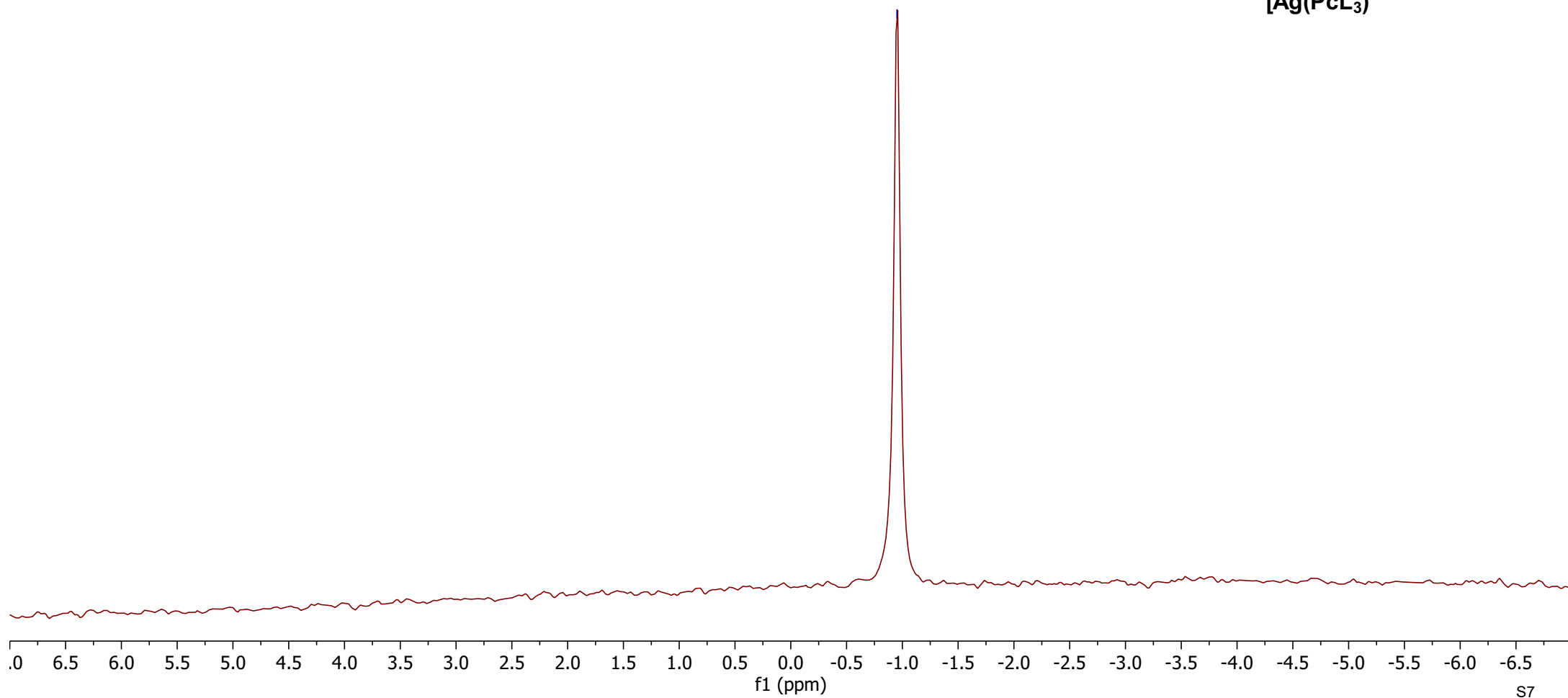


$^{11}\text{B}$  NMR, 128.4 MHz,  $\text{CD}_2\text{Cl}_2$

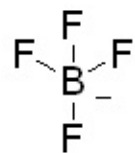
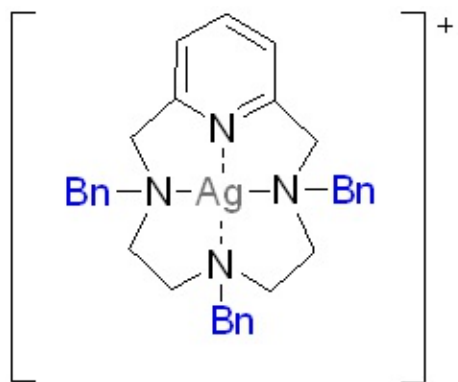
-0.95



[Ag(PcL<sub>3</sub>)]



$^{19}\text{F}$  NMR, 376.5 MHz, DMSO



**[Ag(PcL<sub>3</sub>)**

-151.45  
-151.50

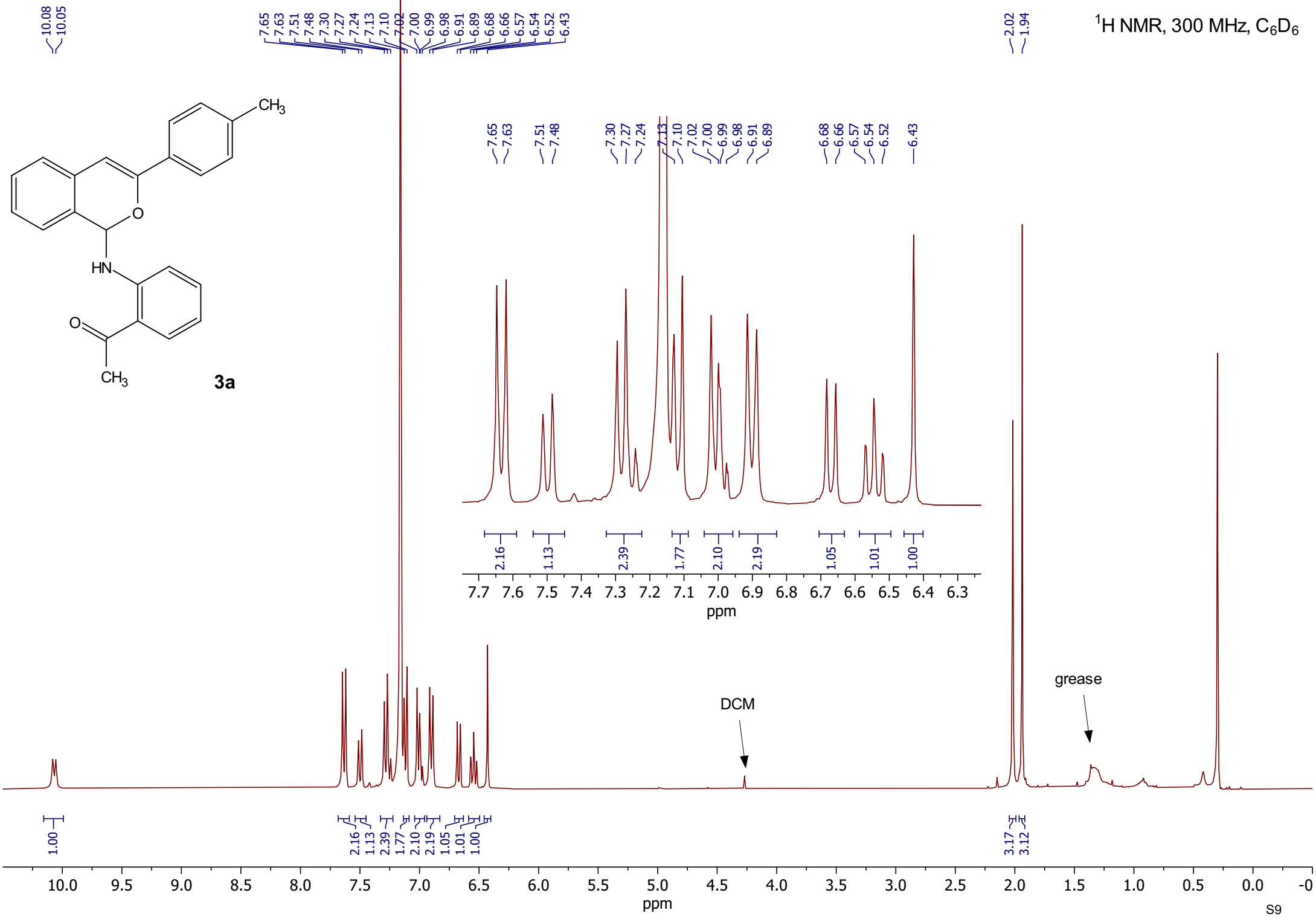
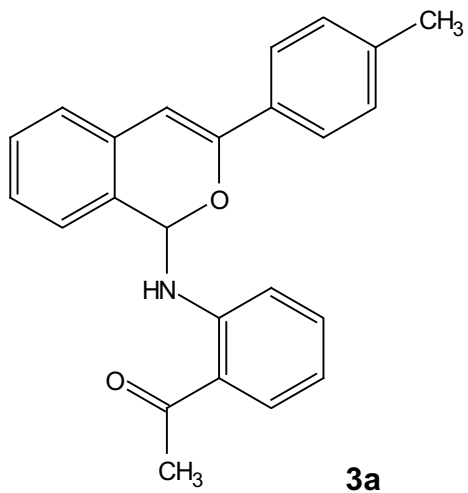
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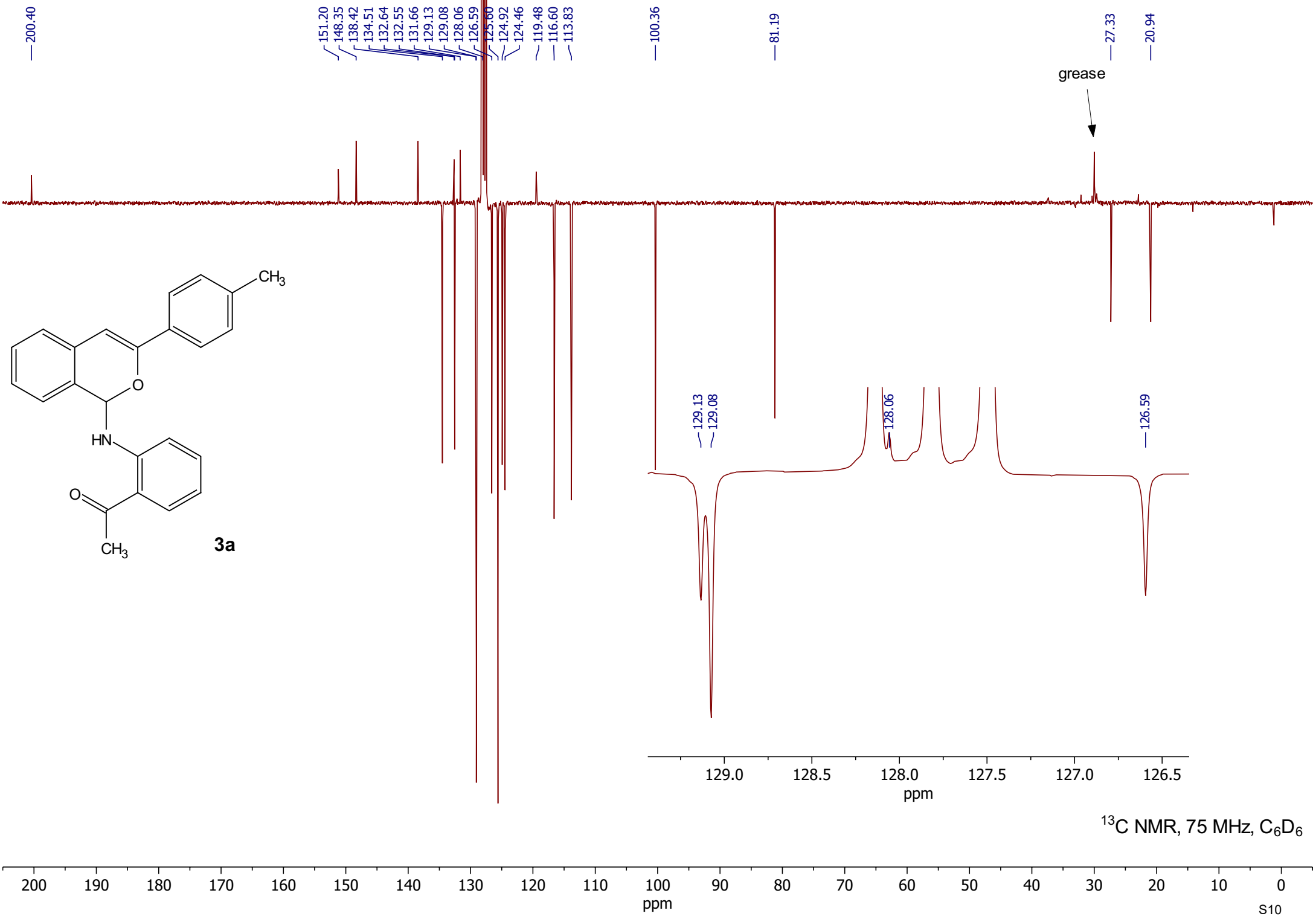
-151.50

-151.25 -151.35 -151.45 -151.55 -151.65 -151.75  
f1 (ppm)

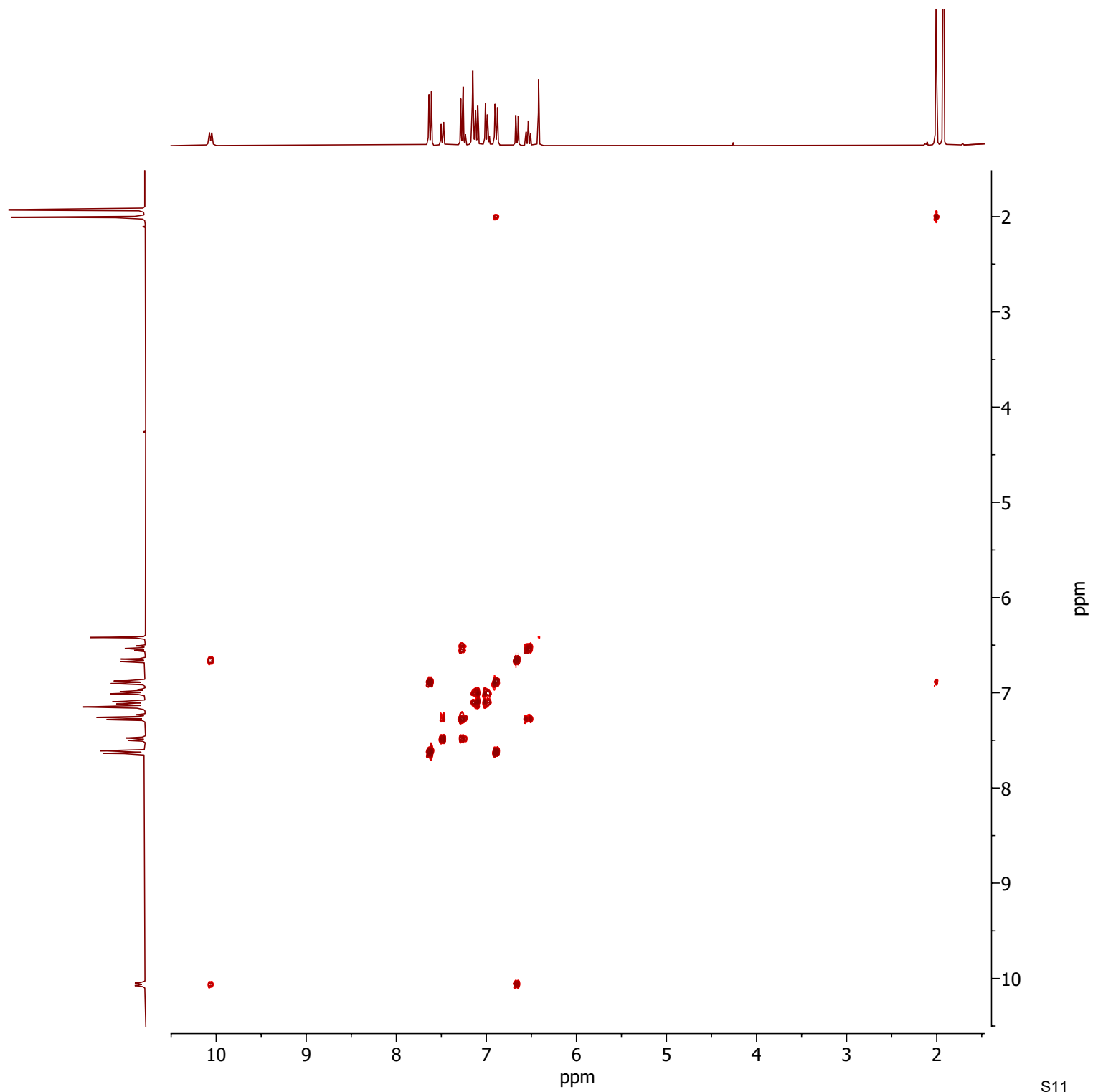
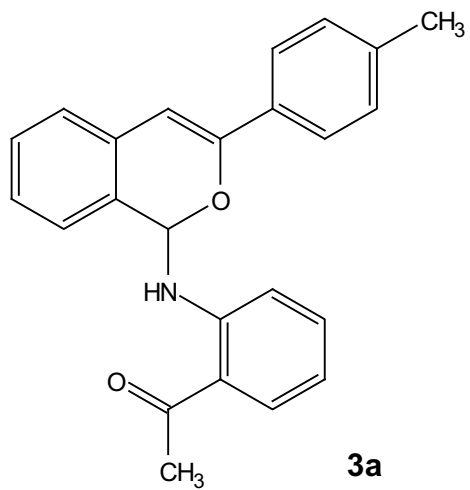
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f1 (ppm)



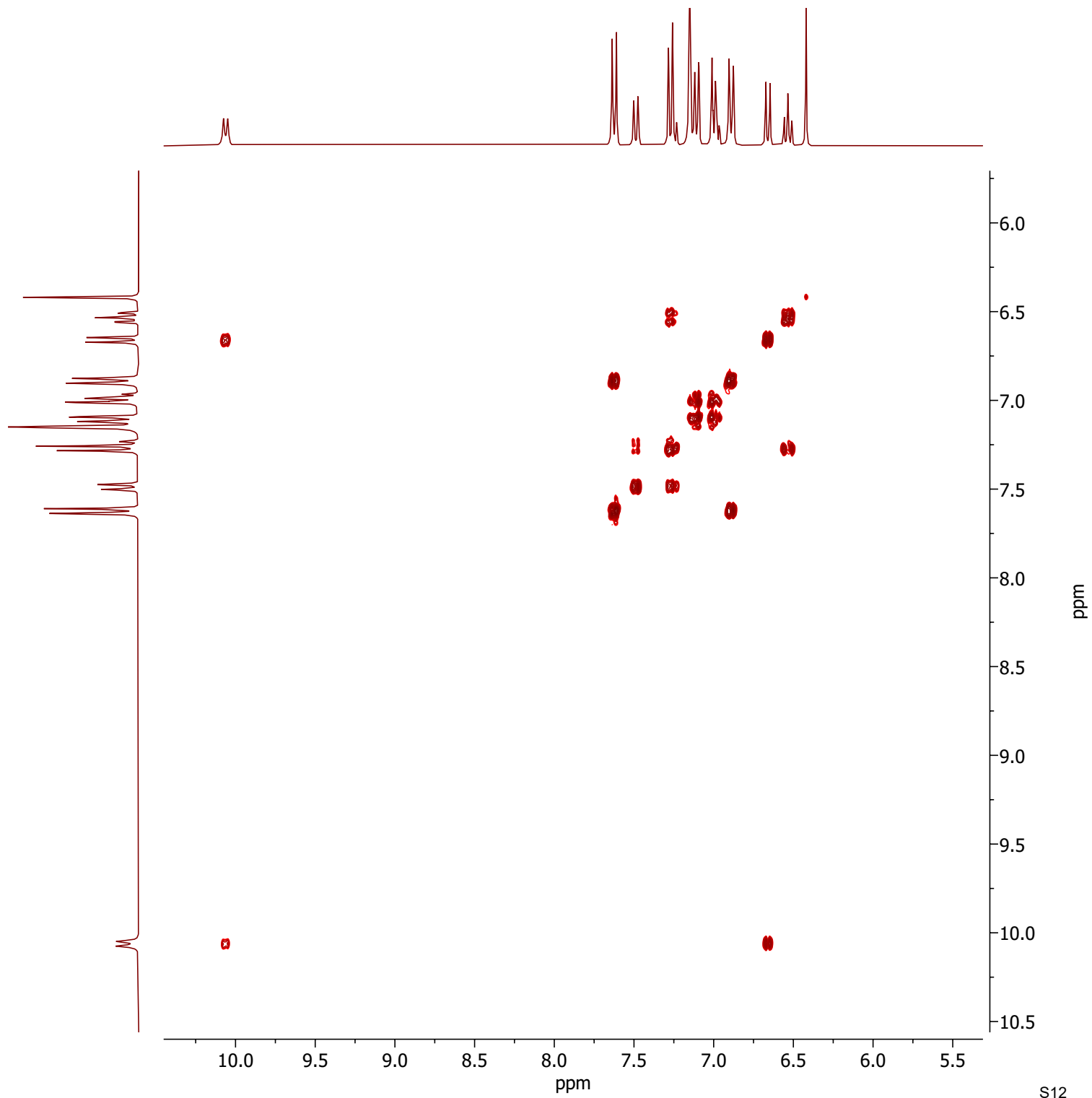
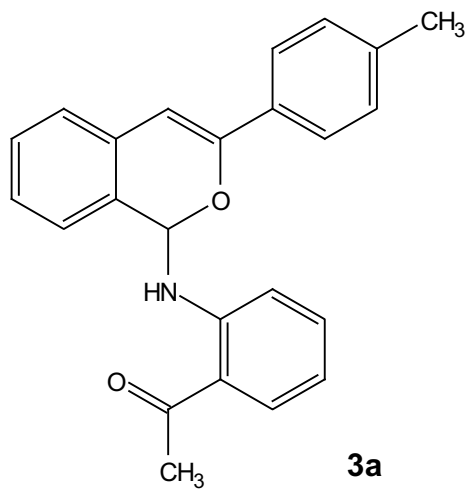




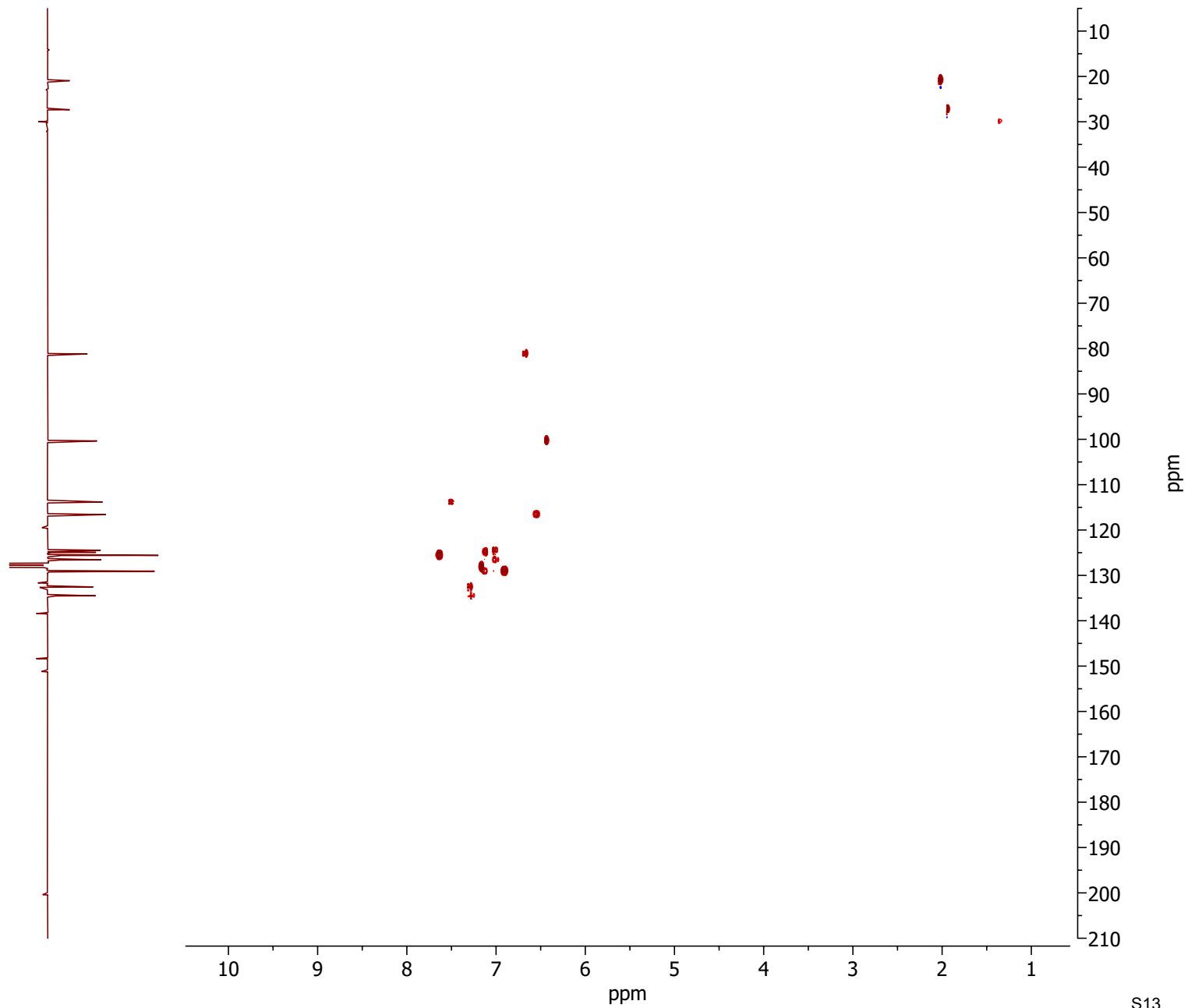
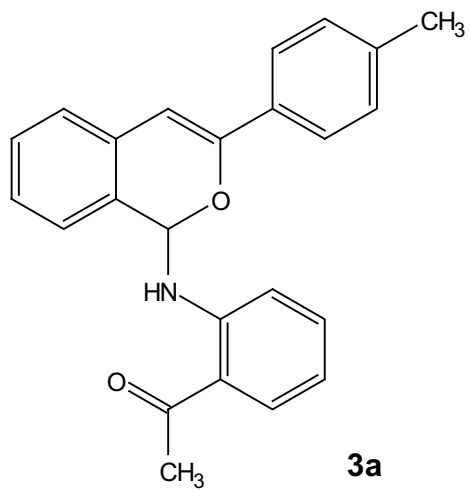
COSY, 300 MHz, C<sub>6</sub>D<sub>6</sub>, rt



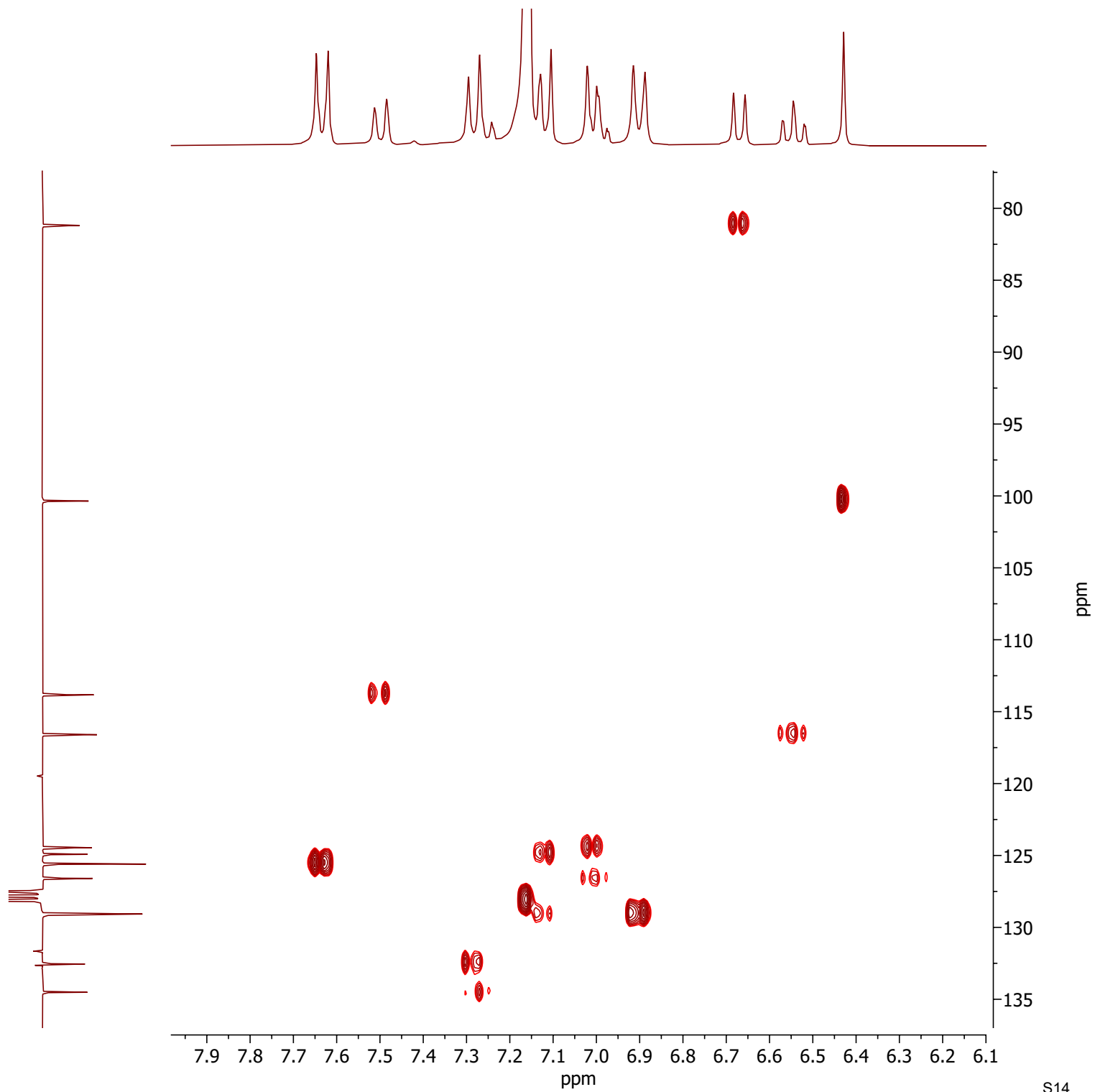
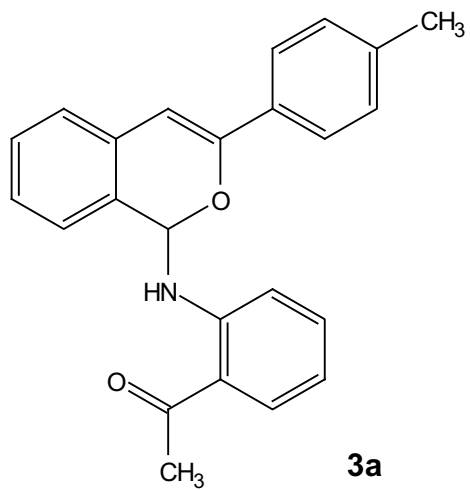
COSY, 300 MHz, C<sub>6</sub>D<sub>6</sub>, rt

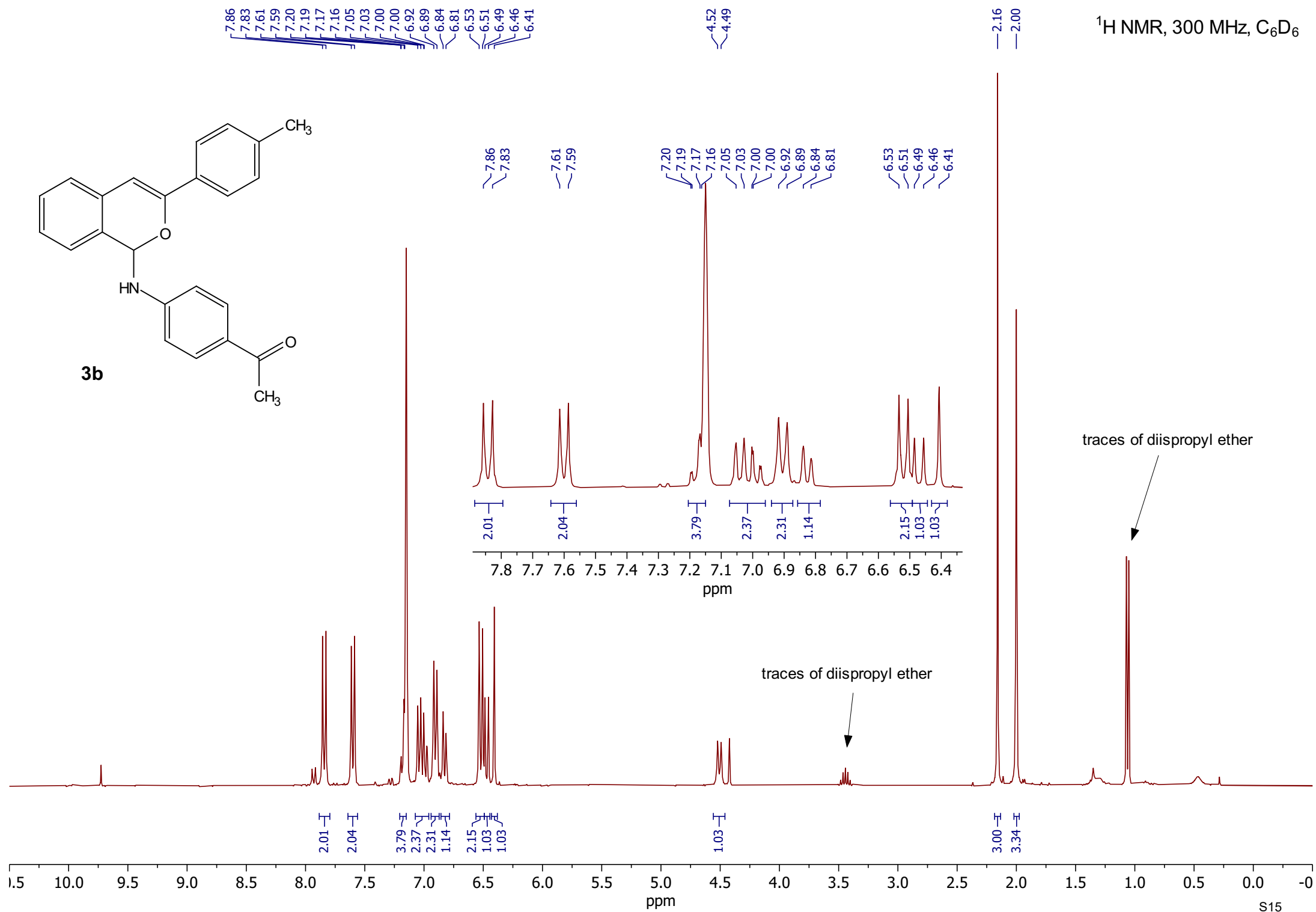
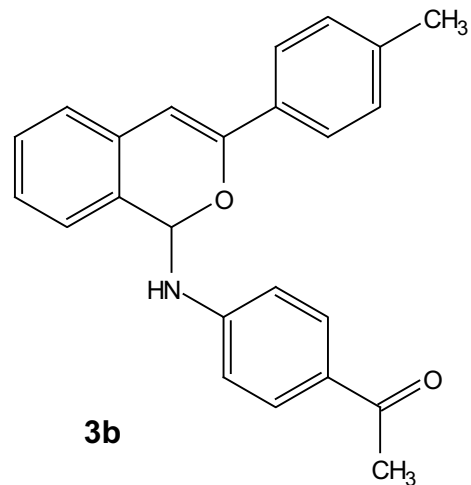


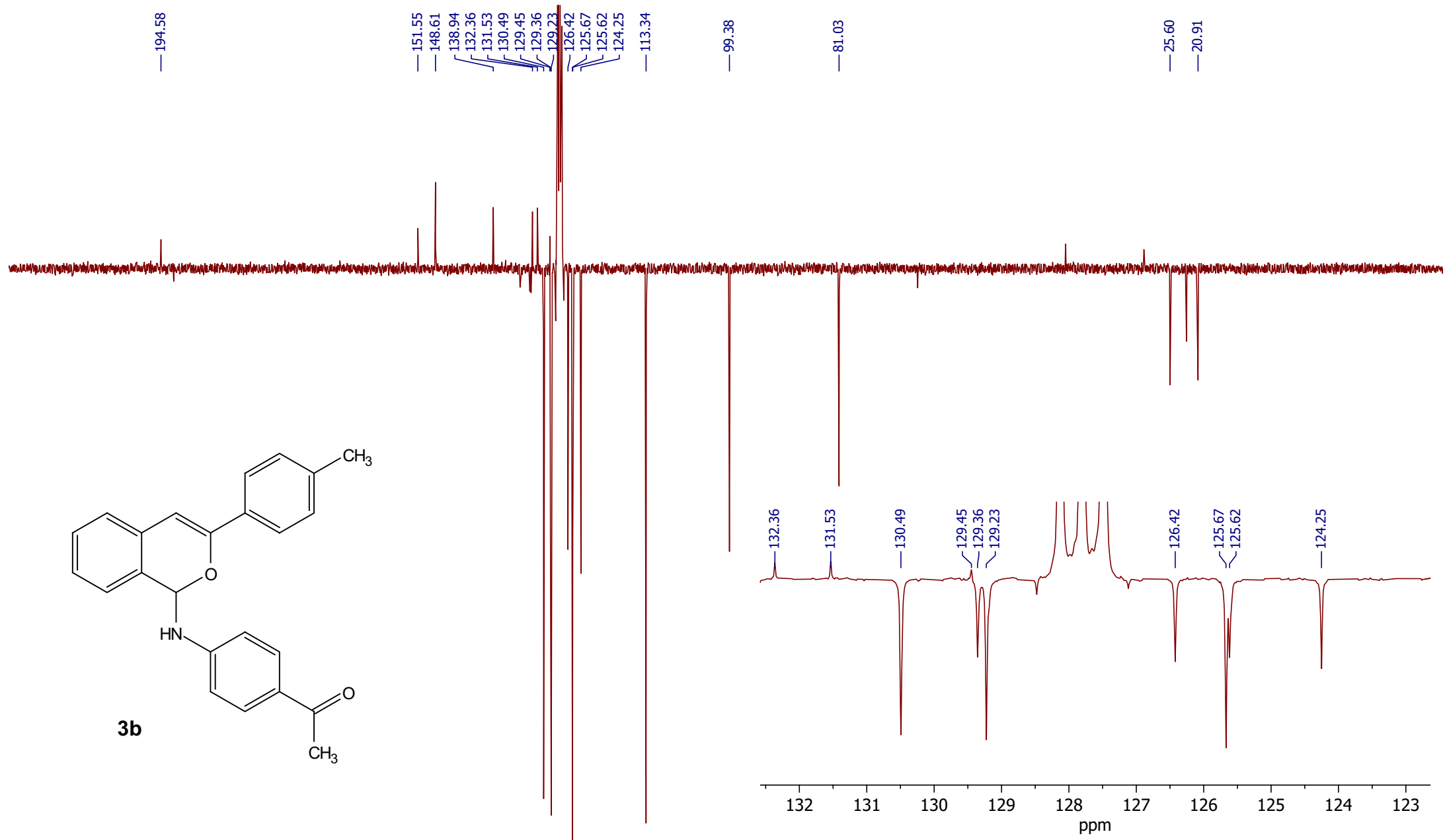
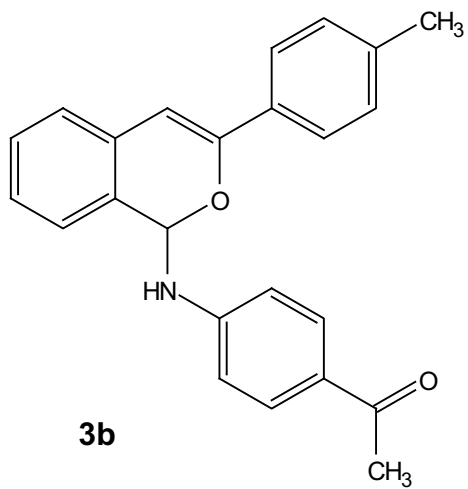
HSQC, 300 MHz, C<sub>6</sub>D<sub>6</sub>, rt



HSQC, 300 MHz, C<sub>6</sub>D<sub>6</sub>, rt

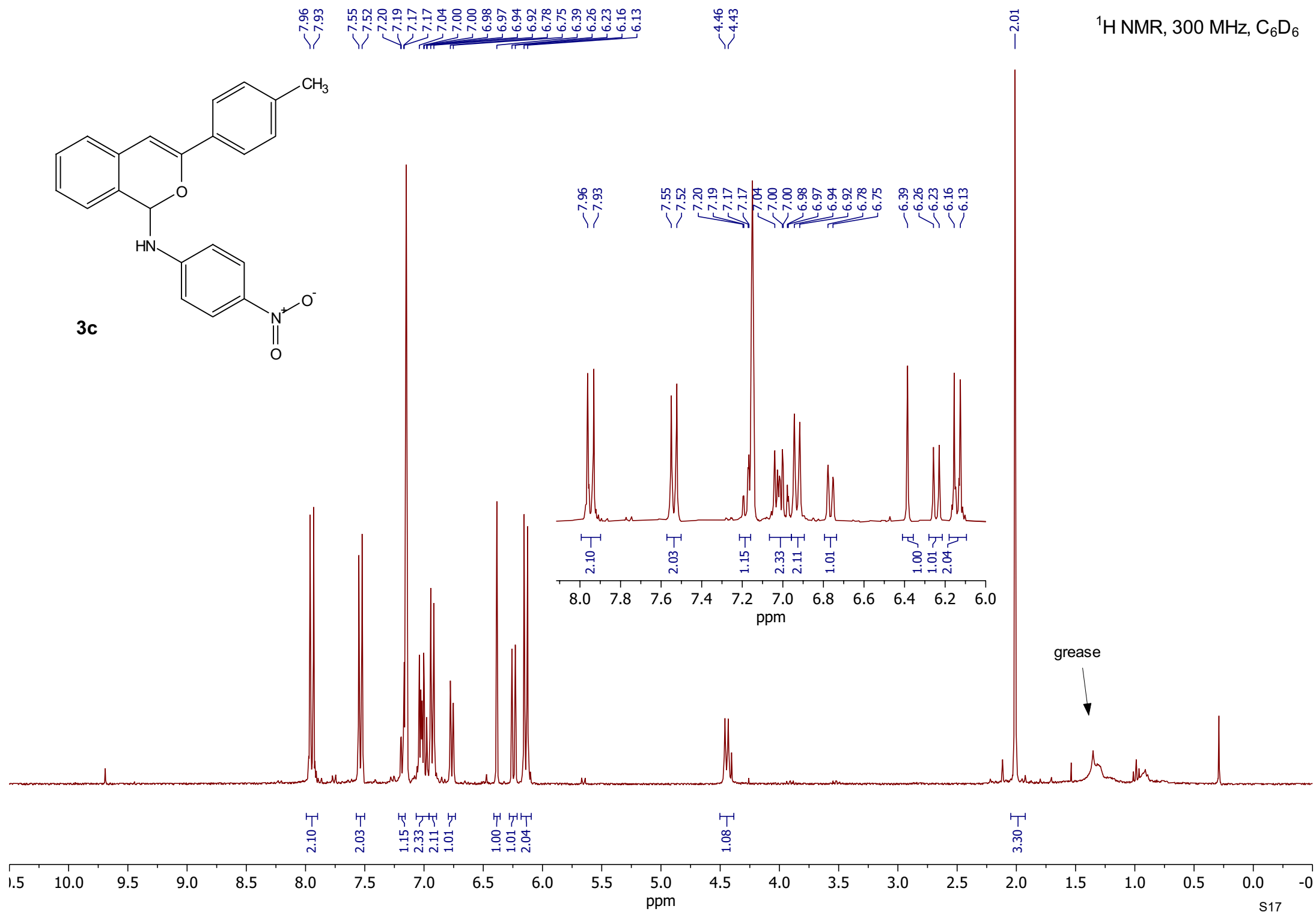
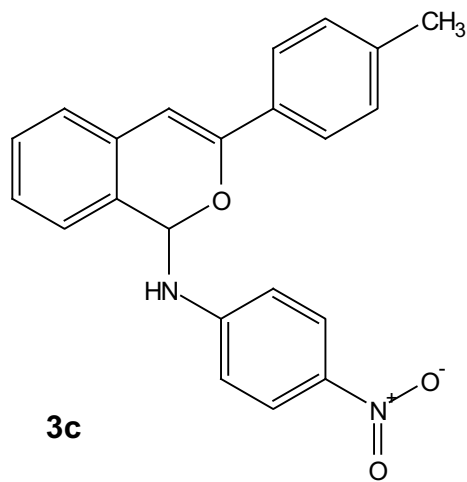


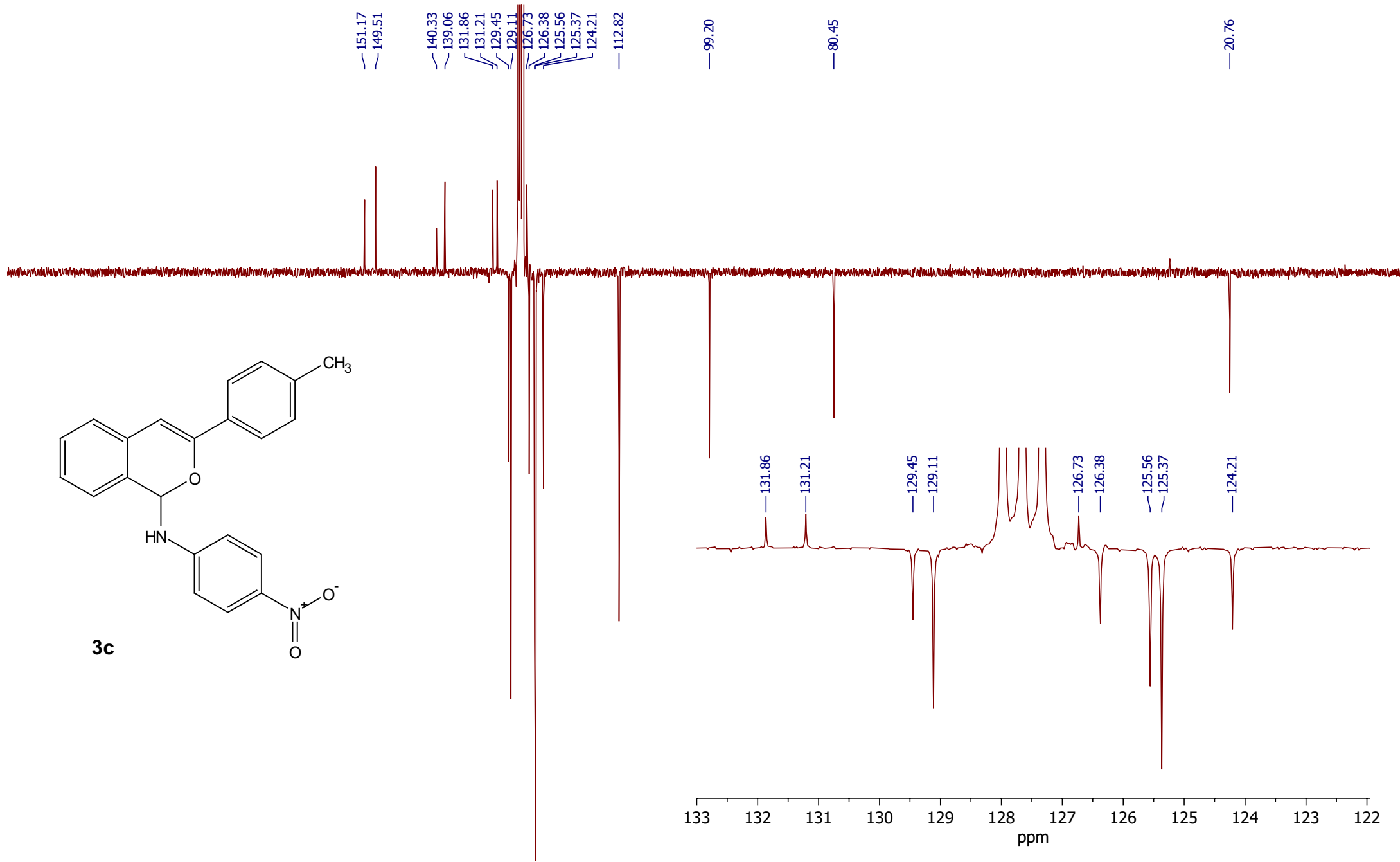
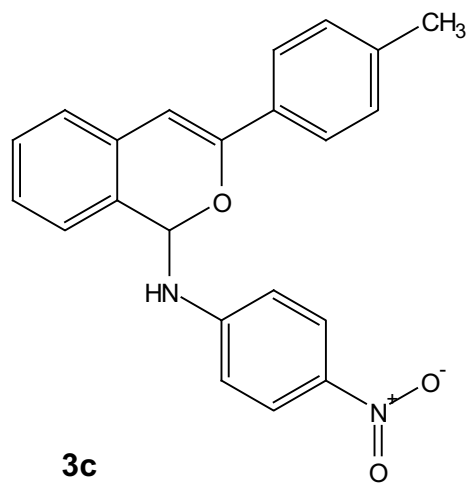


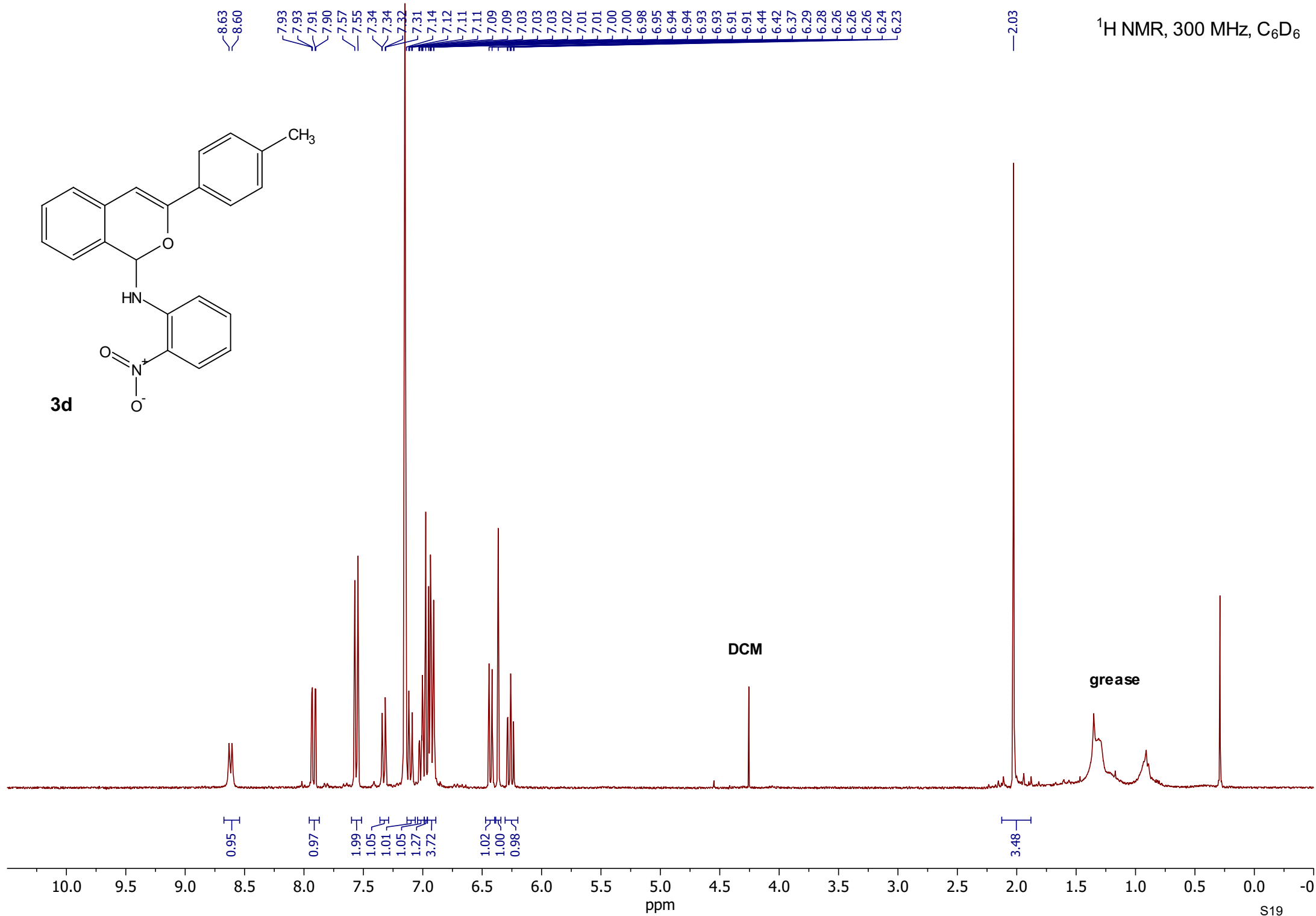
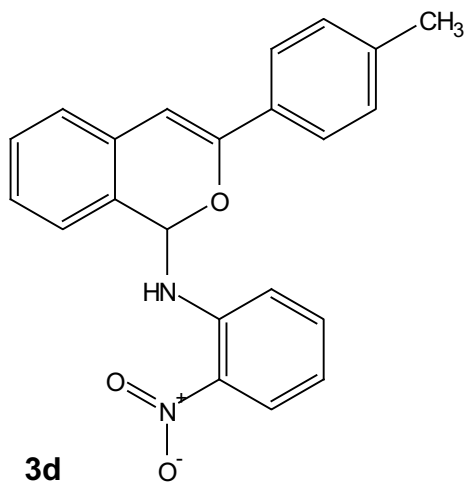


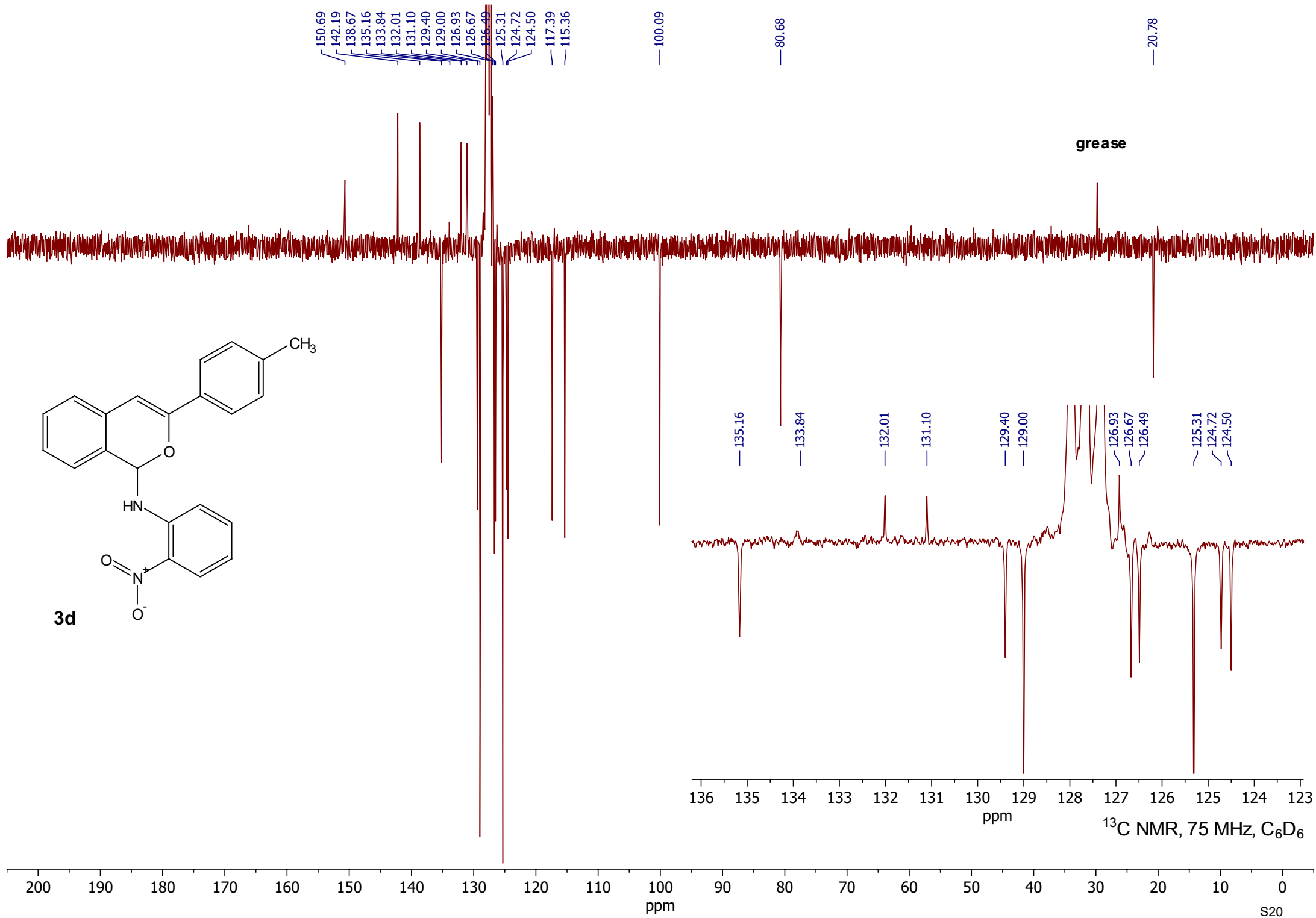
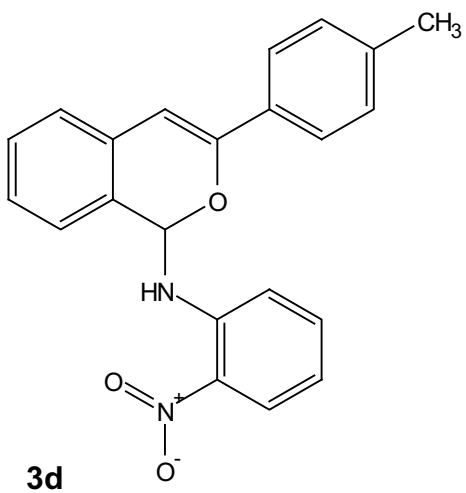
$^{13}\text{C}$  NMR, 75 MHz,  $\text{C}_6\text{D}_6$

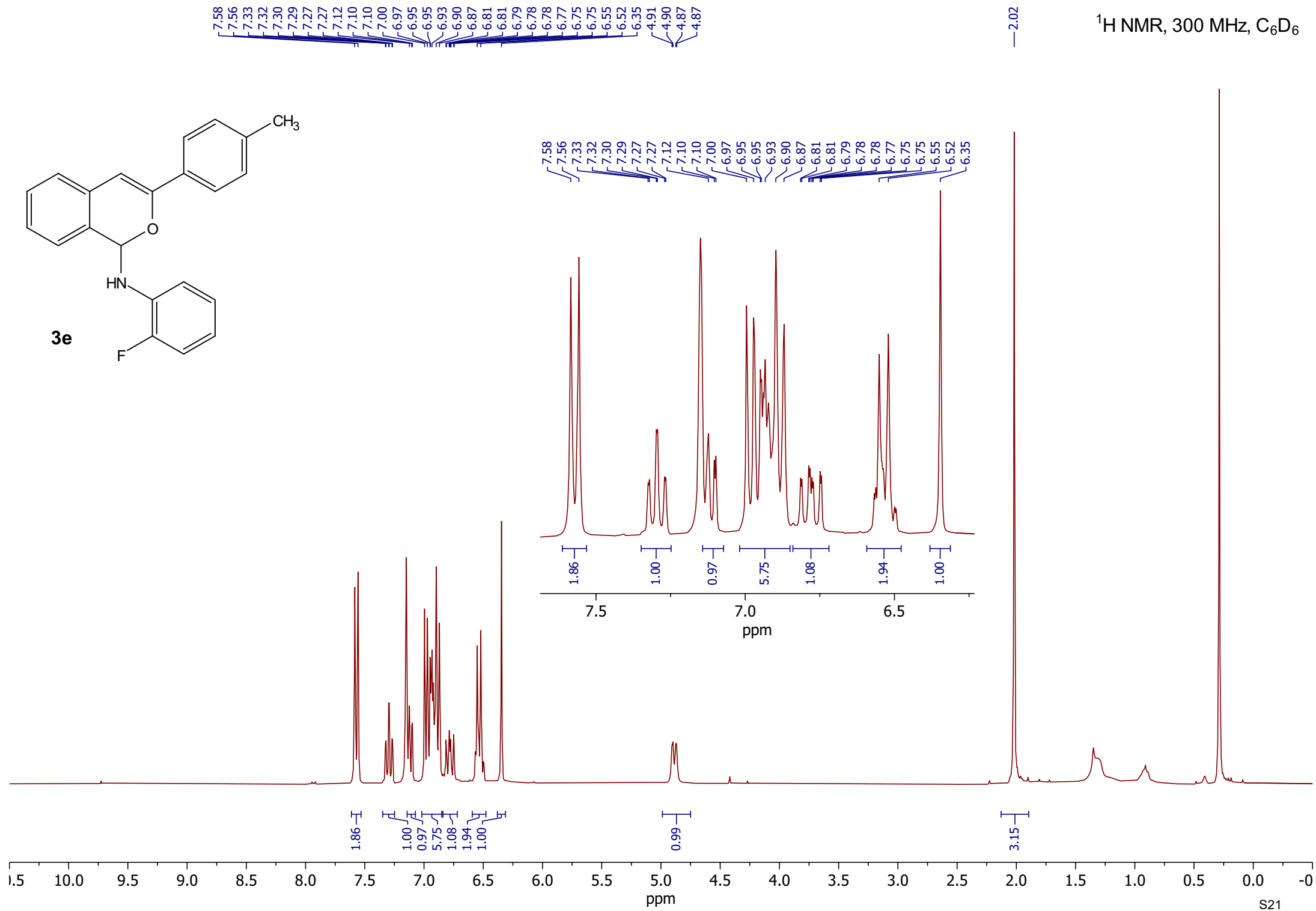
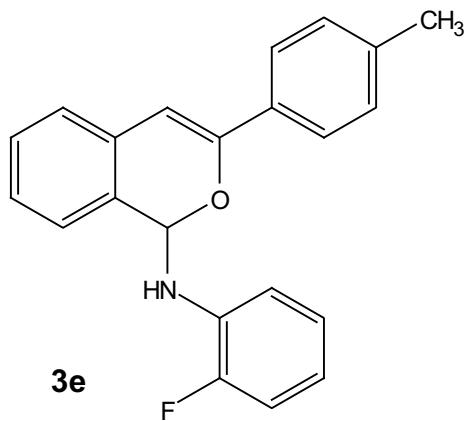


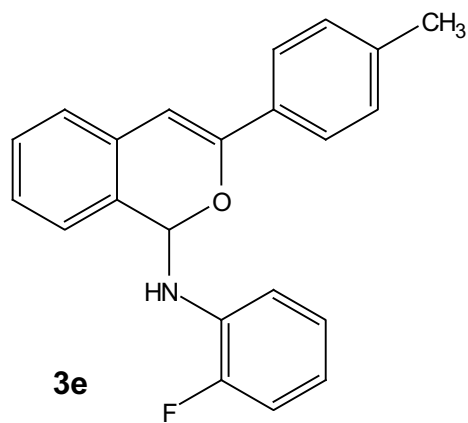




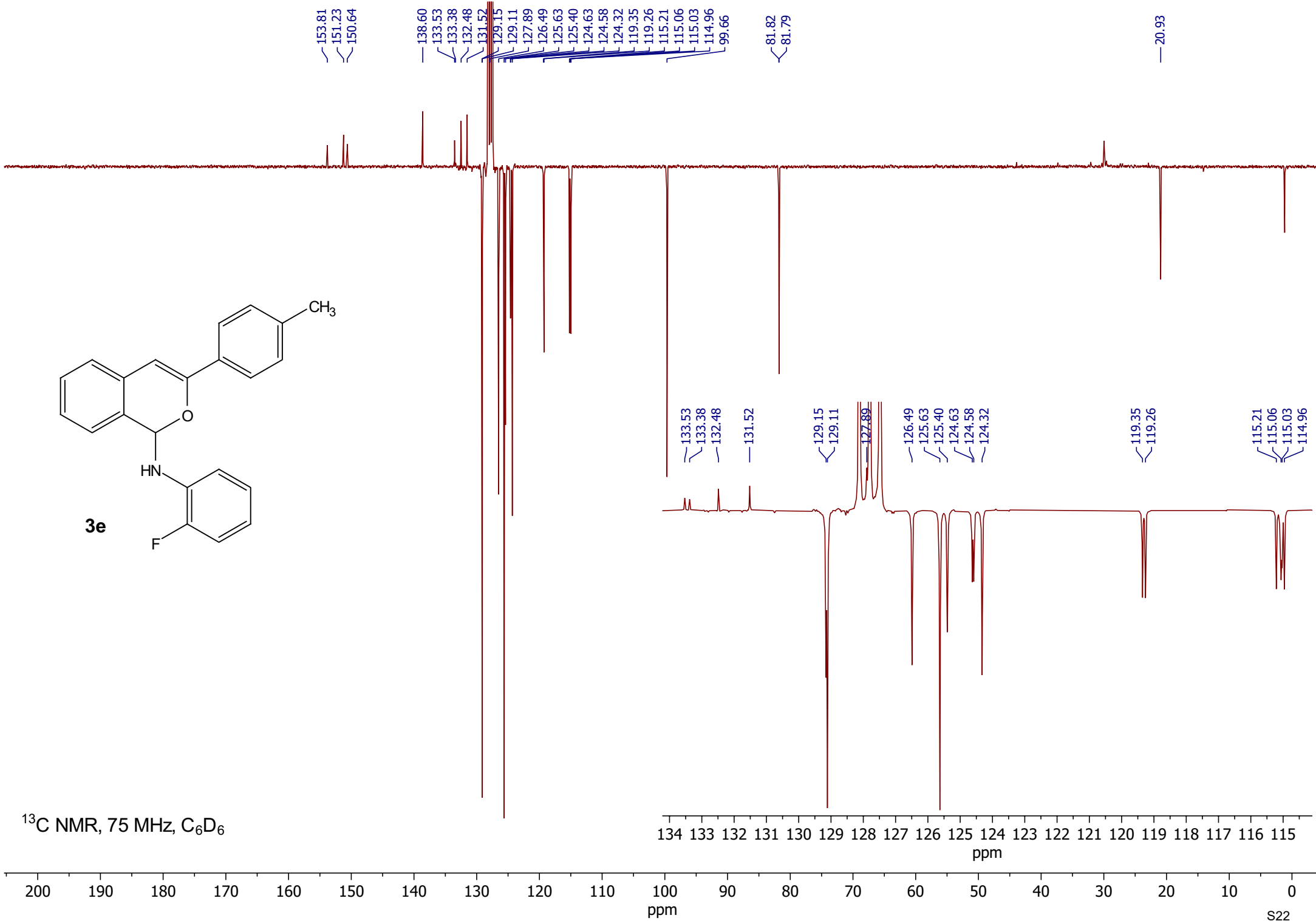




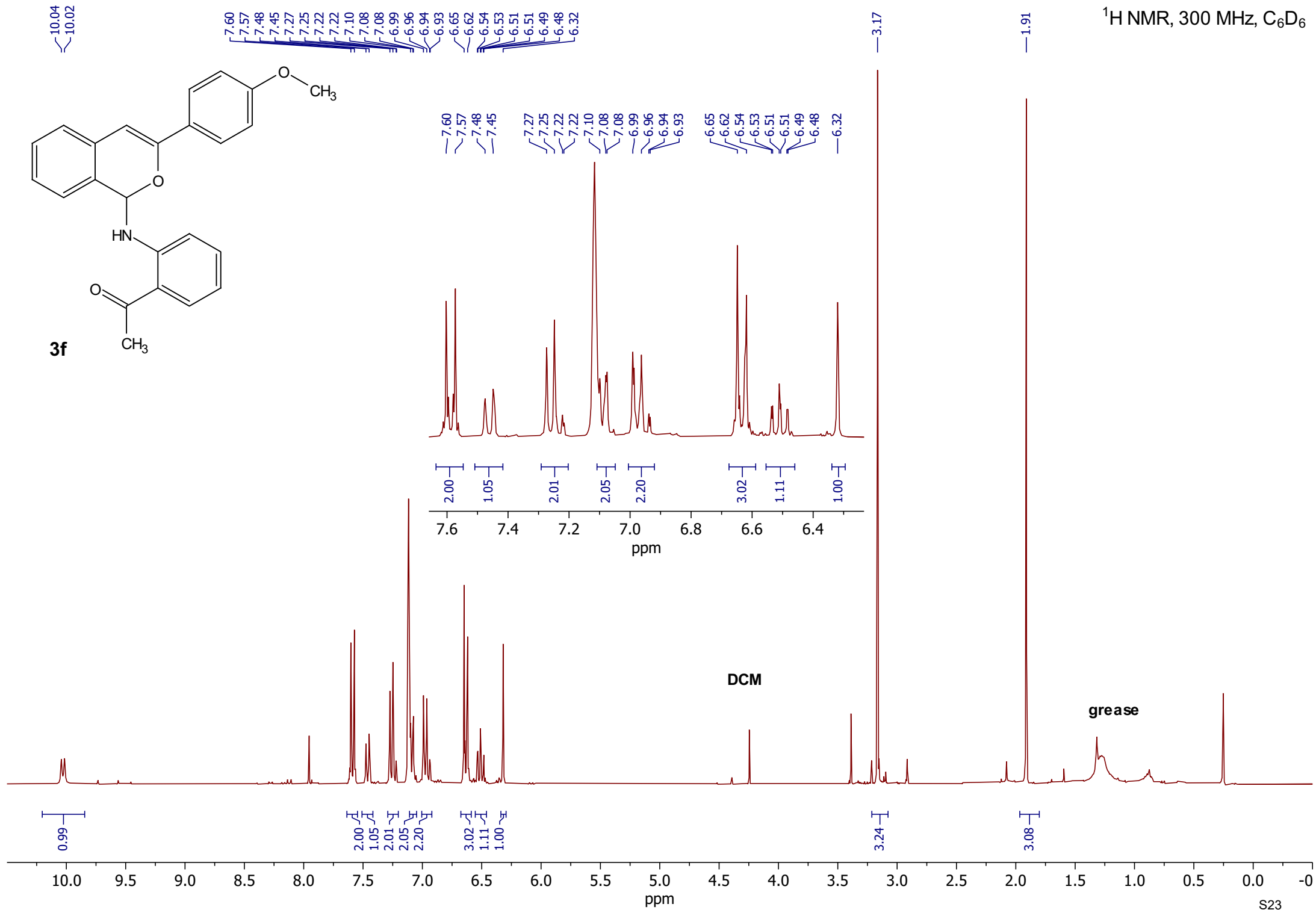
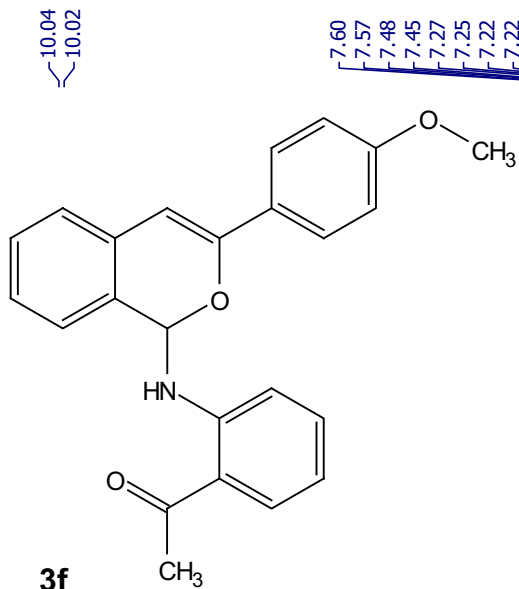




$^{13}\text{C}$  NMR, 75 MHz,  $\text{C}_6\text{D}_6$



<sup>1</sup>H NMR, 300 MHz, C<sub>6</sub>D<sub>6</sub>



—200.16

—160.32

—151.01

—148.28

134.29

132.35

131.76

128.95

127.83

126.92

126.20

124.69

124.13

119.46

116.43

113.72

113.68

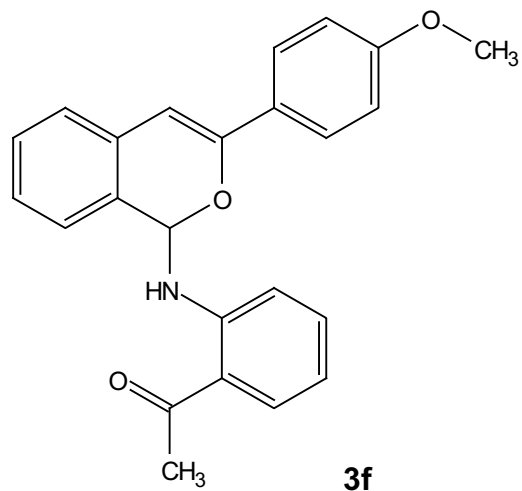
—99.30

—81.19

—54.35

—27.09

grease



—134.29

—132.35

—131.76

128.95

127.83

126.92

126.20

—124.69

—124.13

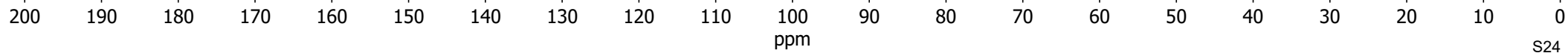
—119.46

—116.43

113.72

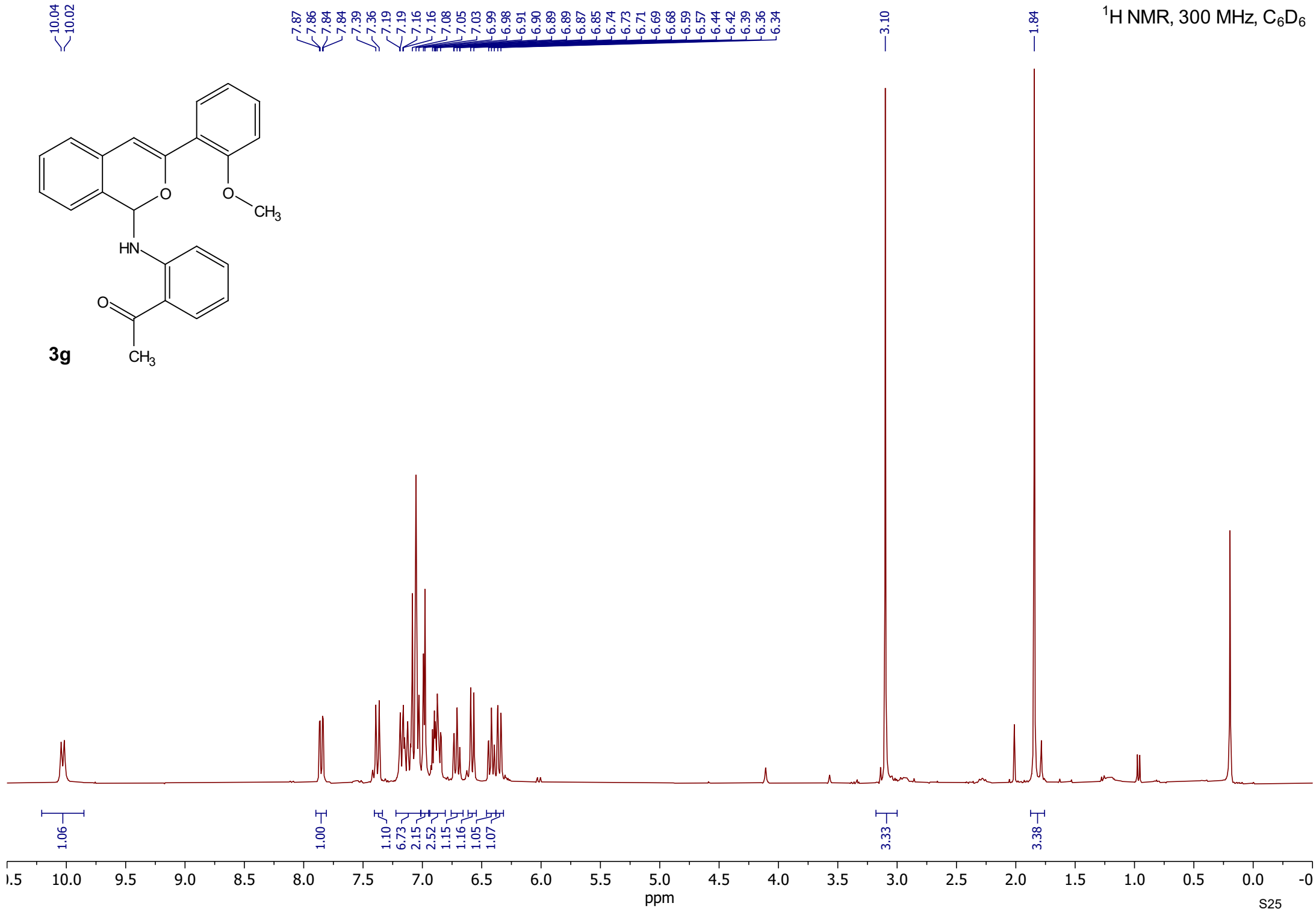
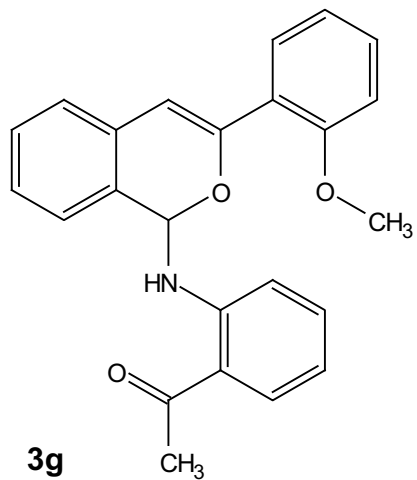
113.68

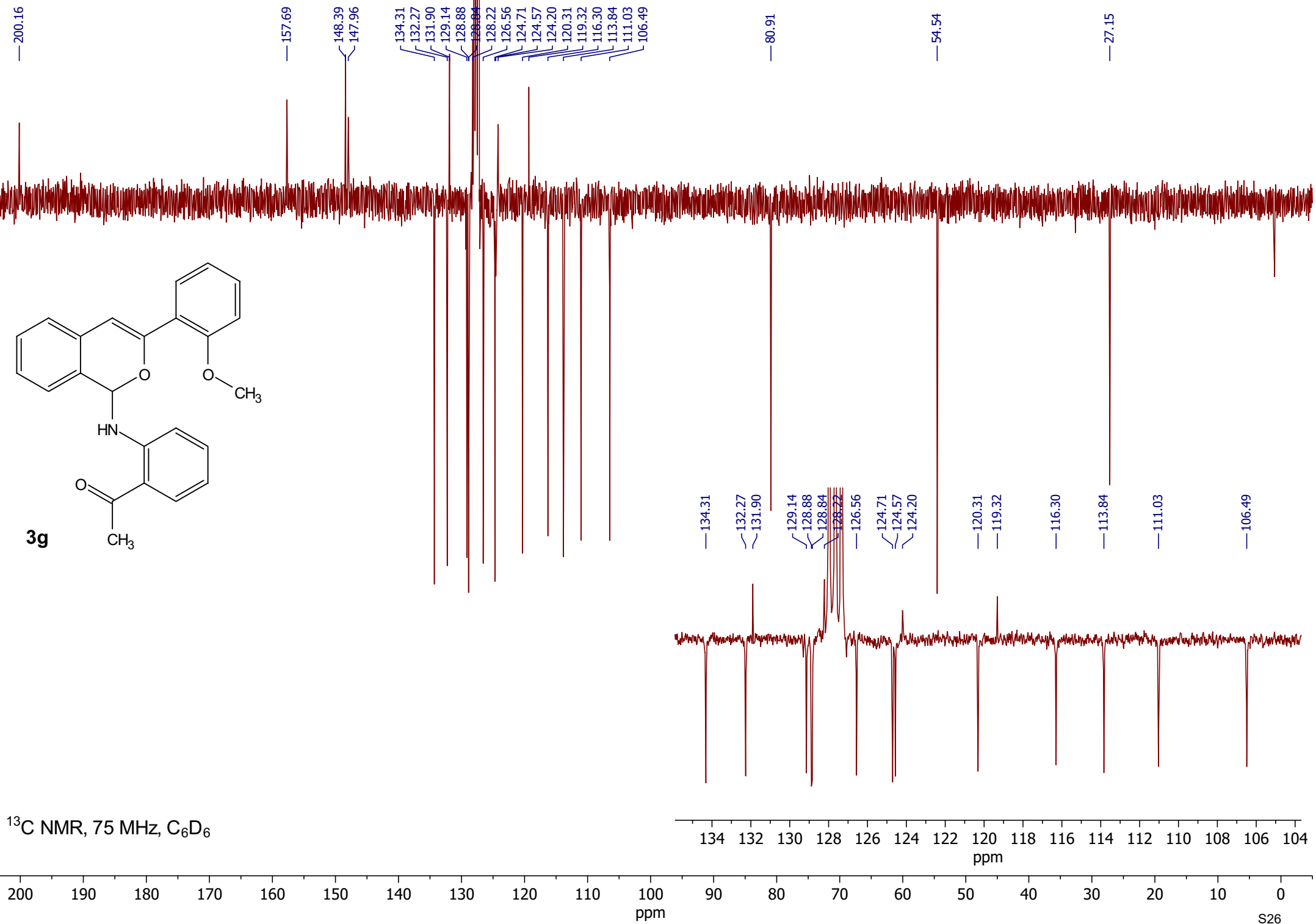
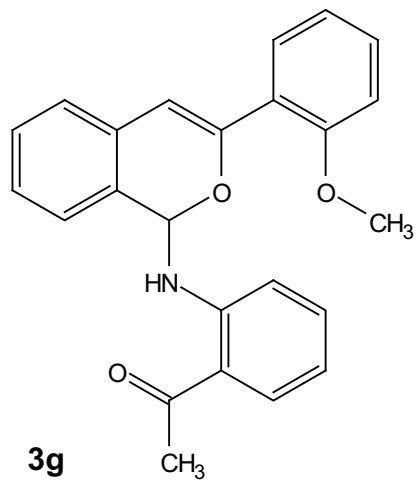
<sup>13</sup>C NMR, 75 MHz, C<sub>6</sub>D<sub>6</sub>

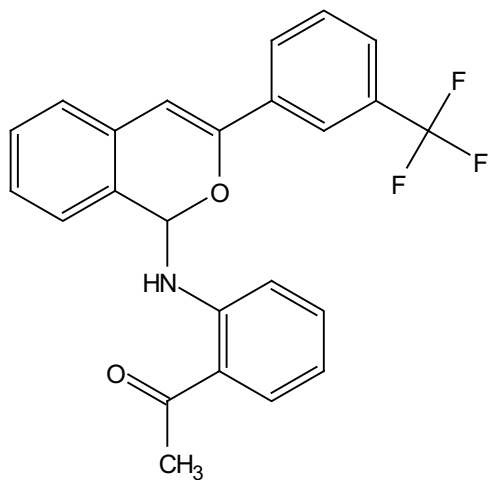




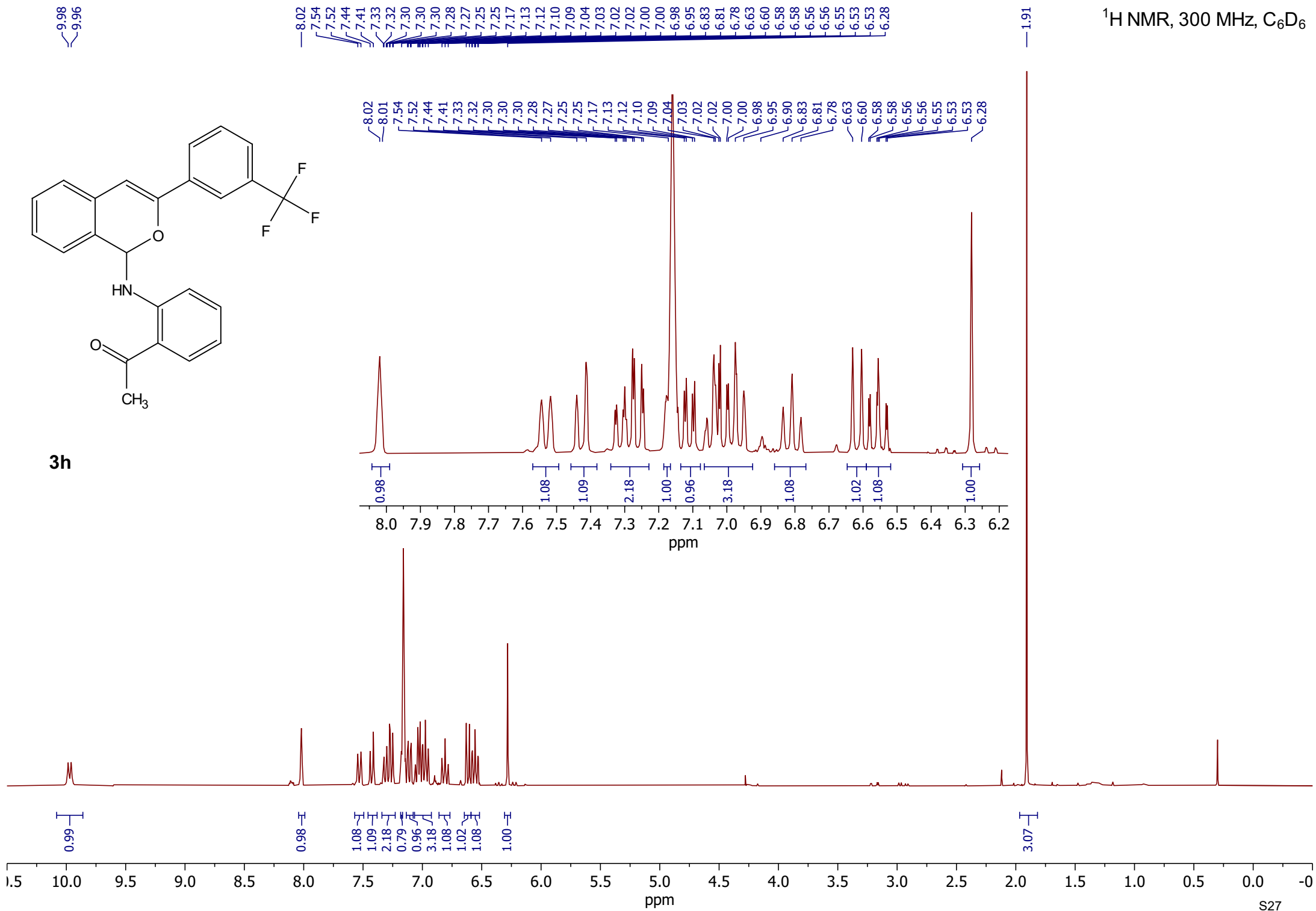
<sup>1</sup>H NMR, 300 MHz, C<sub>6</sub>D<sub>6</sub>



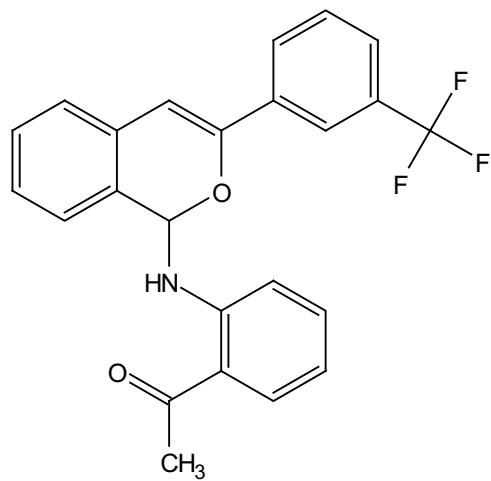




3h



200.43



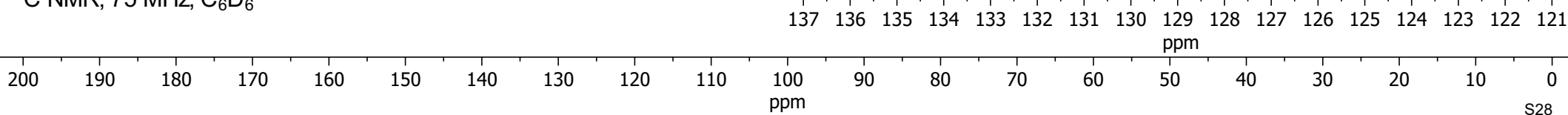
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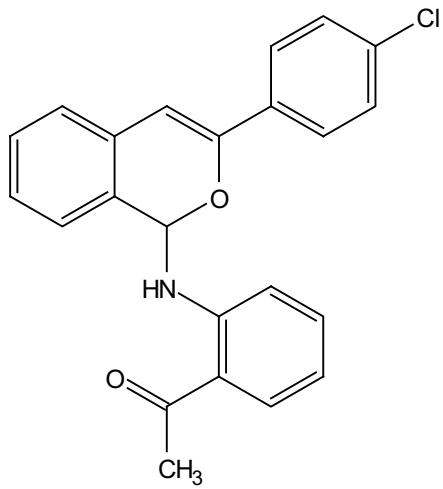
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132.45  
131.22  
130.81  
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128.62  
127.07  
126.76  
126.28  
124.92  
124.76  
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102.24

81.00

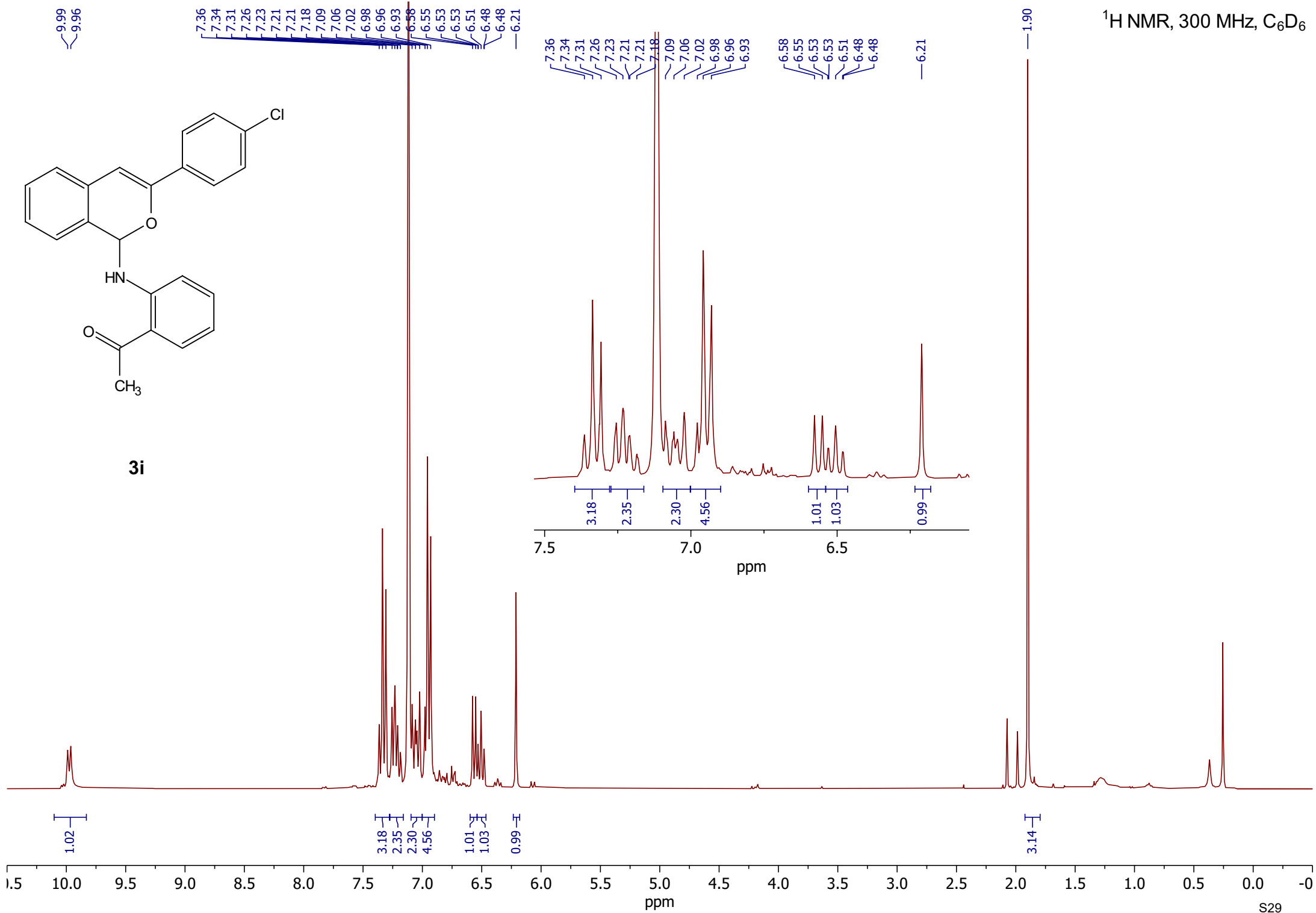
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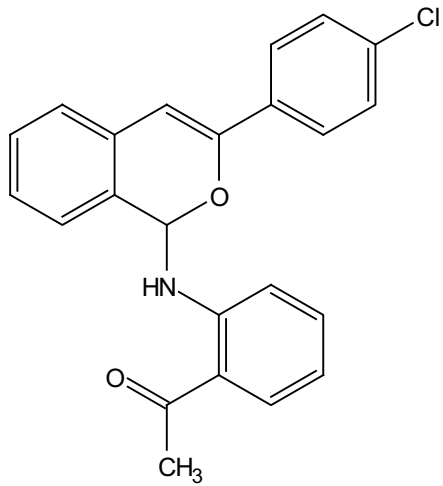
$^{13}\text{C}$  NMR, 75 MHz,  $\text{C}_6\text{D}_6$





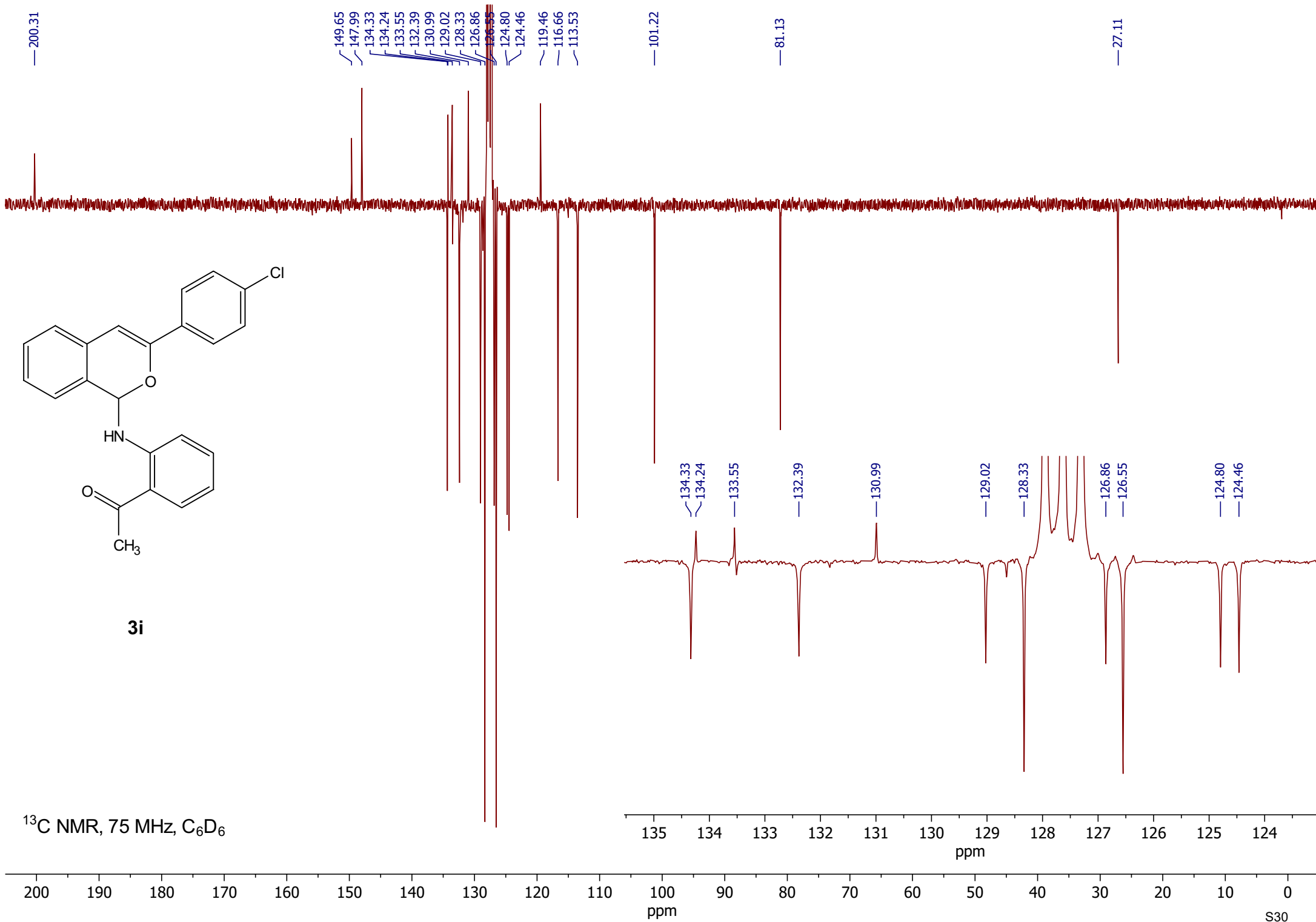
**3i**



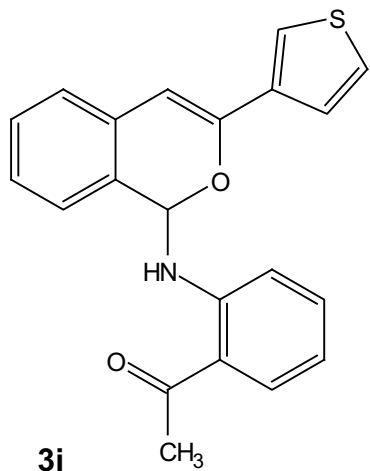


3i

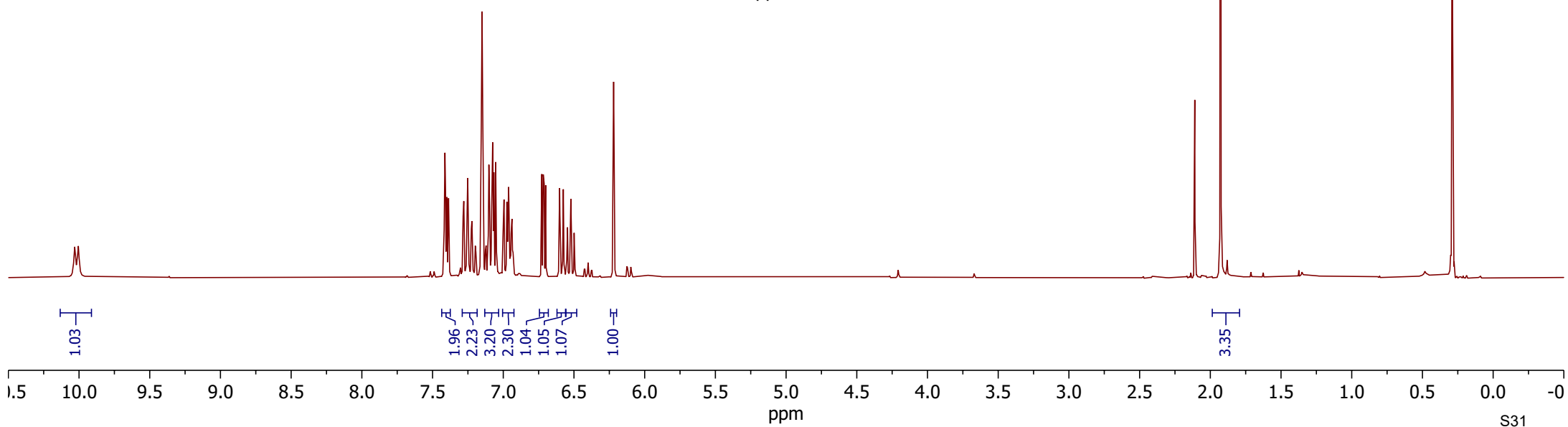
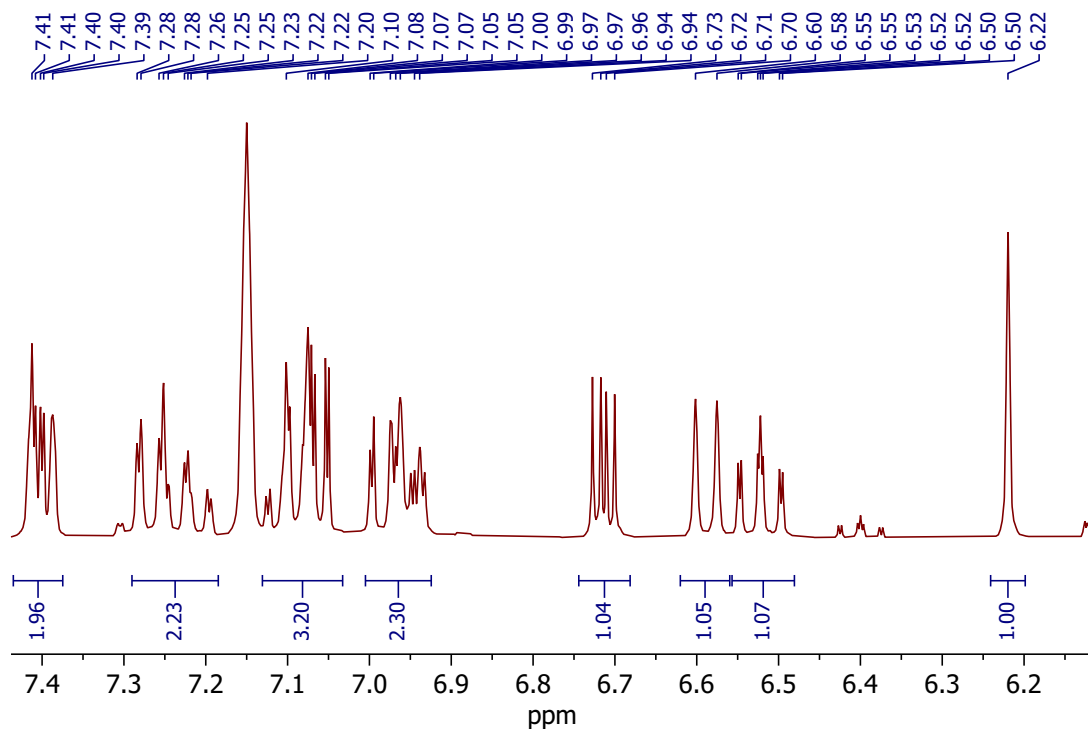
$^{13}\text{C}$  NMR, 75 MHz,  $\text{C}_6\text{D}_6$

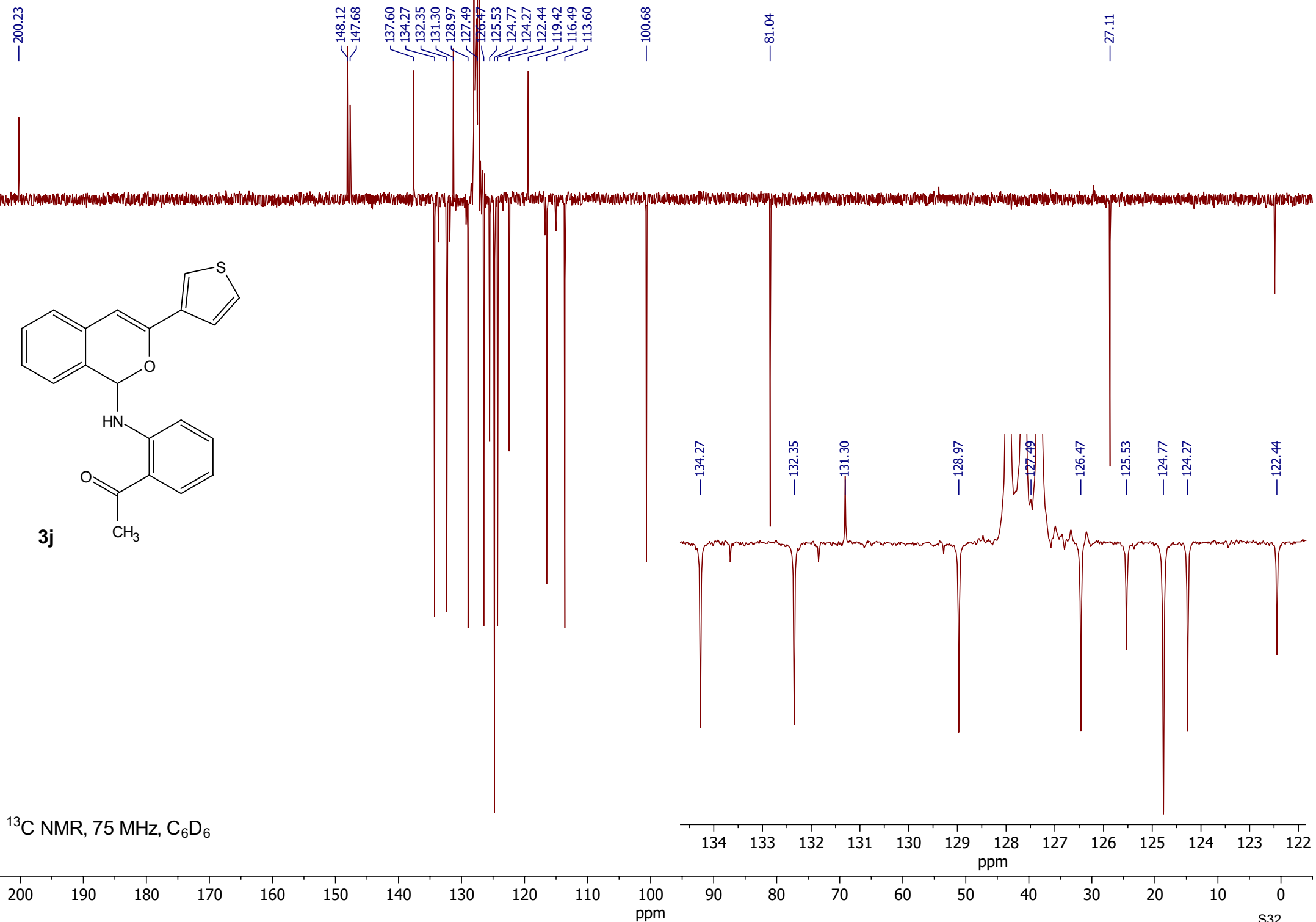
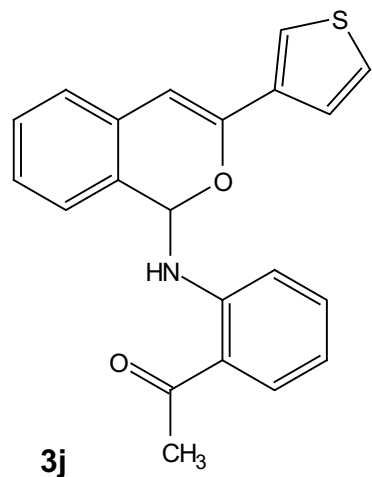


<sup>1</sup>H NMR, 300 MHz, C<sub>6</sub>D<sub>6</sub>

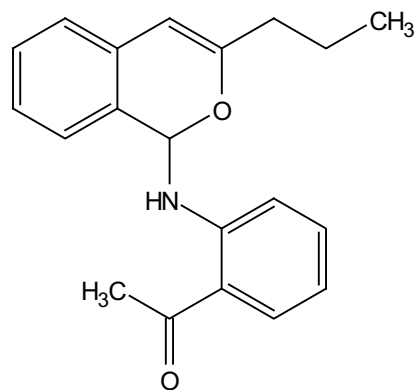


10.03  
10.01  
7.41  
7.41  
7.40  
7.40  
7.39  
7.28  
7.28  
7.26  
7.25  
7.25  
7.23  
7.22  
7.22  
7.20  
7.10  
7.08  
7.07  
7.07  
7.05  
7.05  
7.00  
6.99  
6.97  
6.97  
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6.52  
6.50  
6.50  
6.22



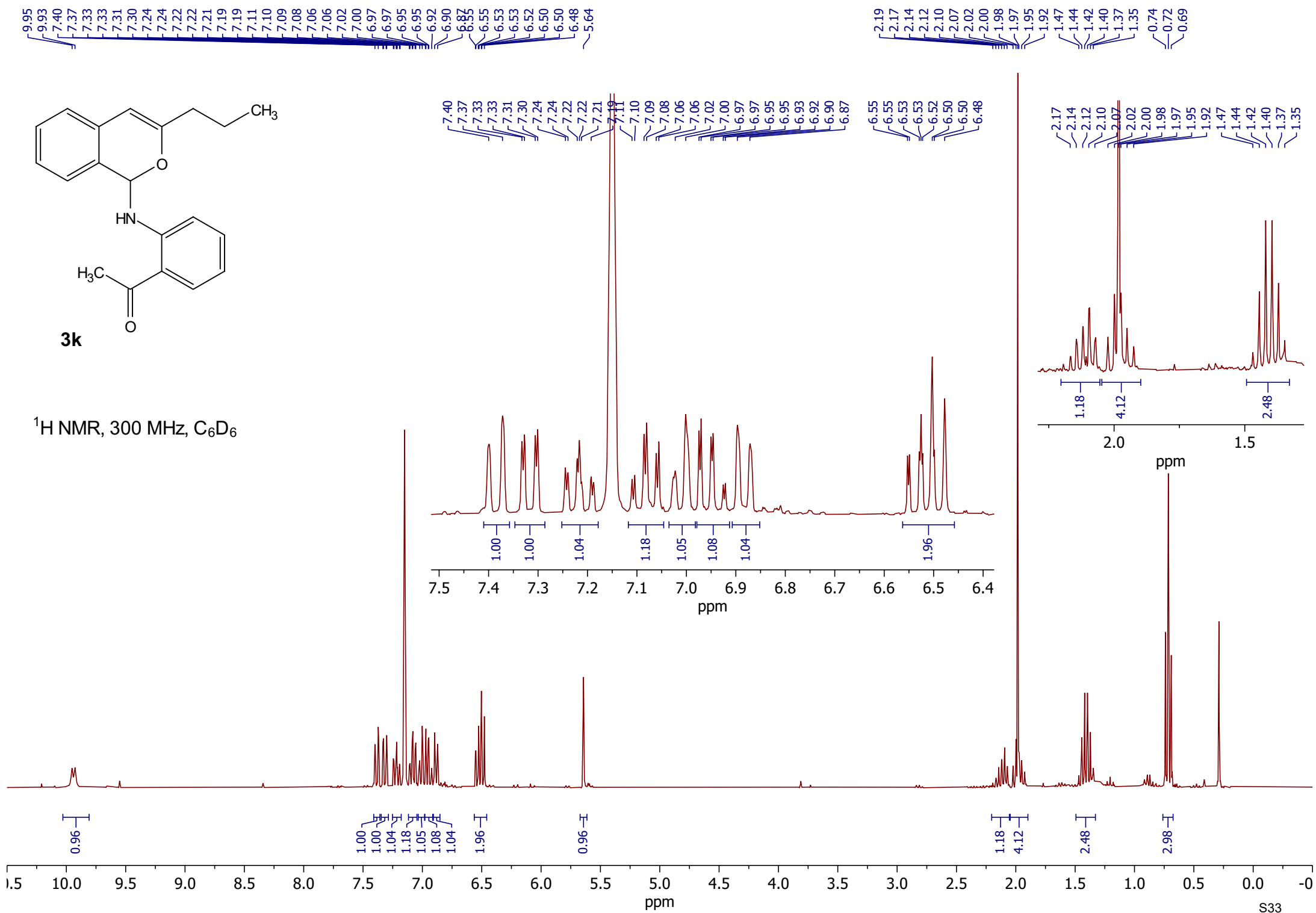






**3k**

$^1\text{H}$  NMR, 300 MHz,  $\text{C}_6\text{D}_6$



— 200.31

— 154.72

— 148.26

— 134.28

— 132.26

— 131.24

— 128.89

— 126.81

— 125.89

— 124.89

— 123.41

— 119.19

— 116.27

— 113.78

— 101.04

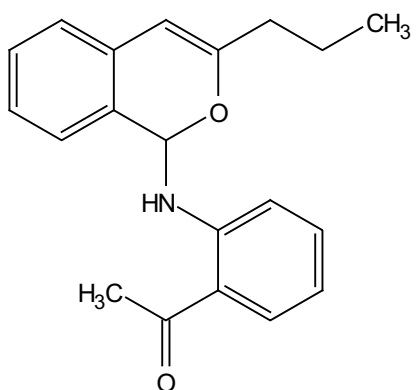
— 80.60

— 35.90

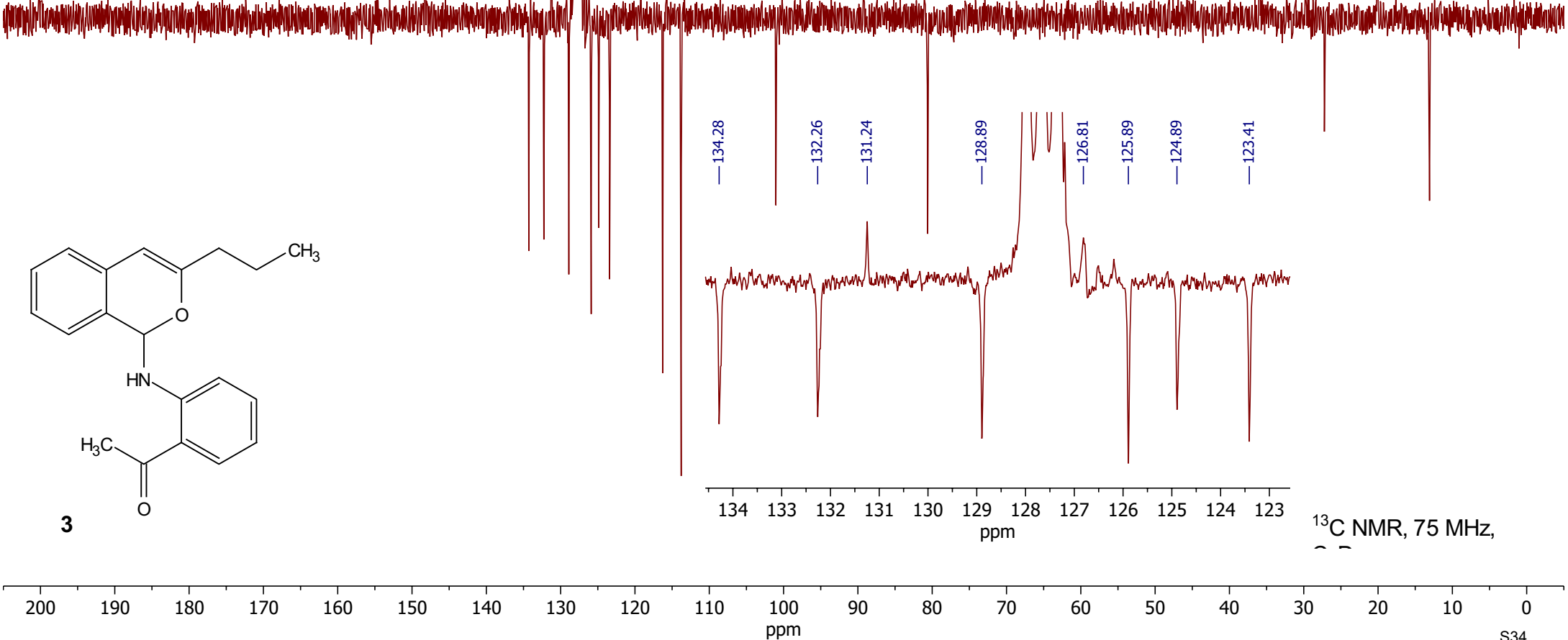
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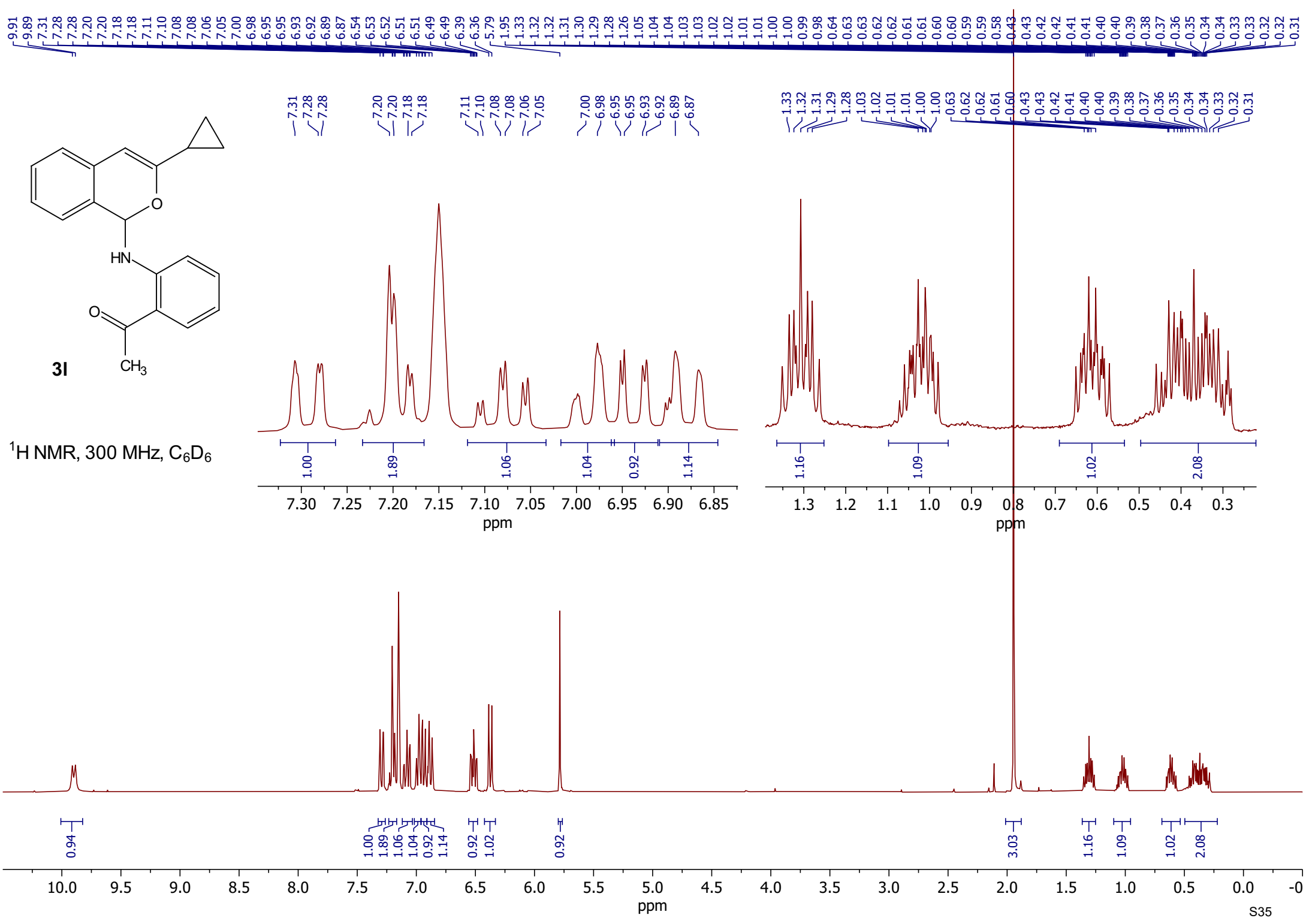
— 20.09

— 13.07



**3**





— 200.24

— 154.78

— 148.34

— 134.39

— 132.46

— 131.73

— 129.10

— 127.29

— 125.65

— 124.91

— 123.14

— 119.43

— 116.48

— 113.67

— 99.95

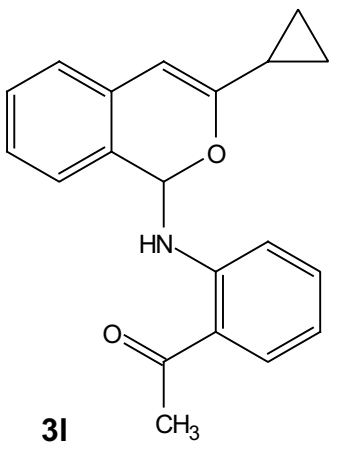
— 80.85

— 27.29

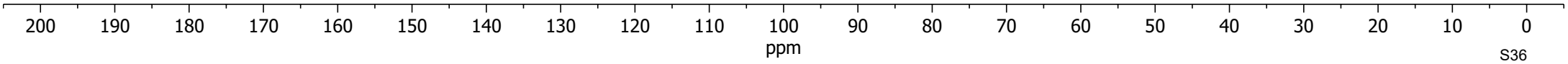
— 14.54

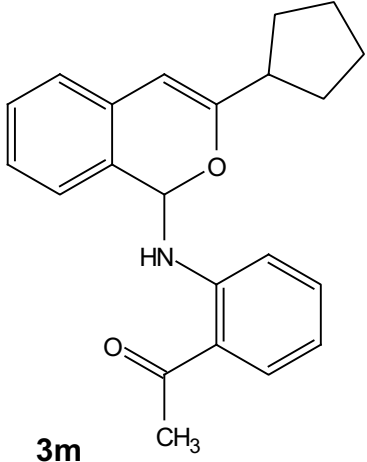
— 6.30

— 4.33

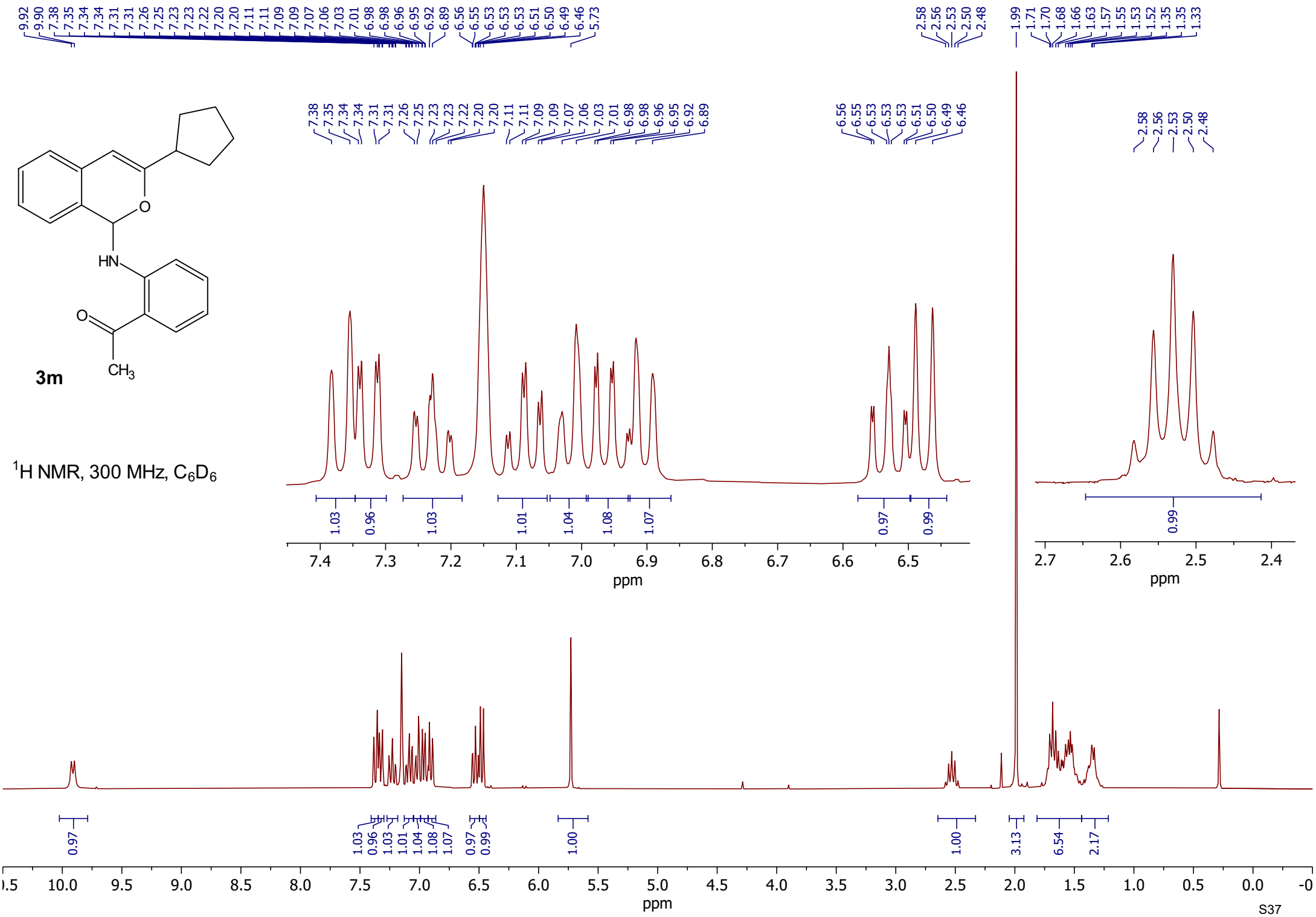


<sup>13</sup>C NMR, 75 MHz, C<sub>6</sub>D<sub>6</sub>





<sup>1</sup>H NMR, 300 MHz, C<sub>6</sub>D<sub>6</sub>



— 200.32

— 157.85

— 148.50

— 134.37

— 132.45

— 131.52

— 129.63

— 126.00

— 124.98

— 123.70

— 119.32

— 116.43

— 113.98

— 99.55

— 80.78

— 30.62

— 30.45

— 30.62

— 30.45

— 27.36

— 25.81

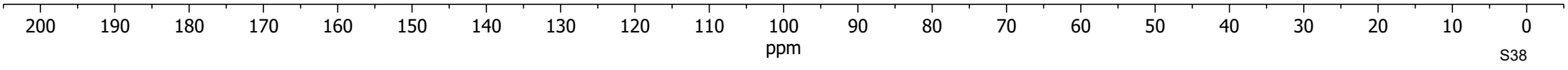
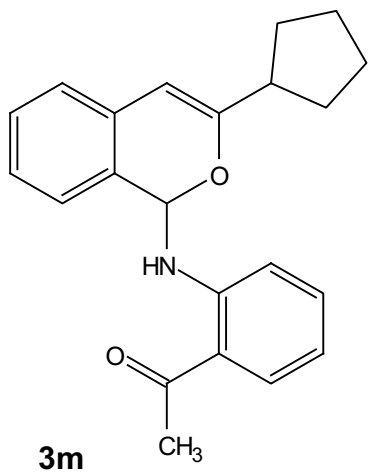
— 25.69

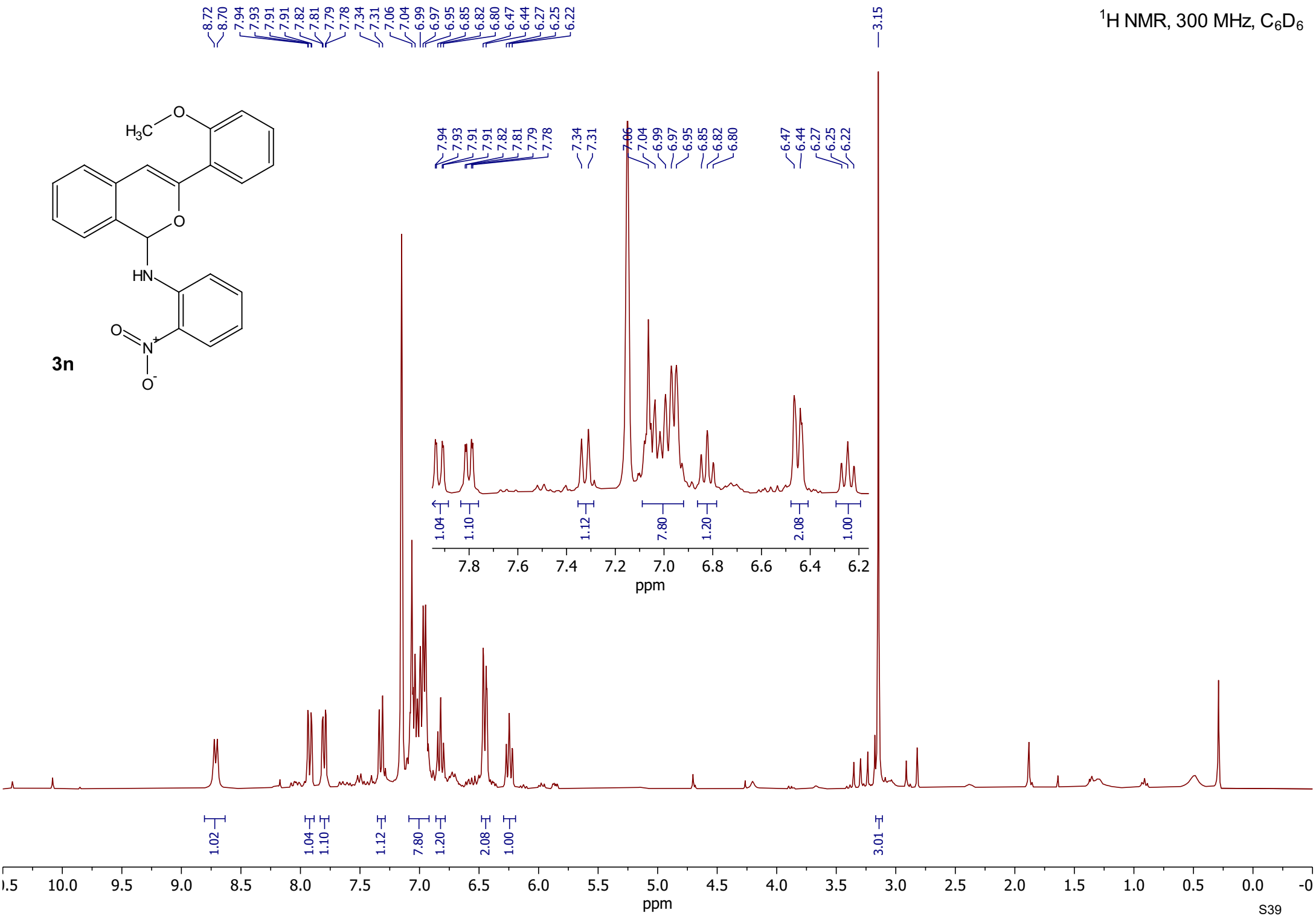
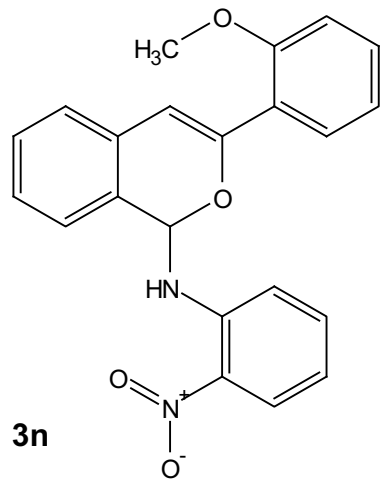
— 25.81

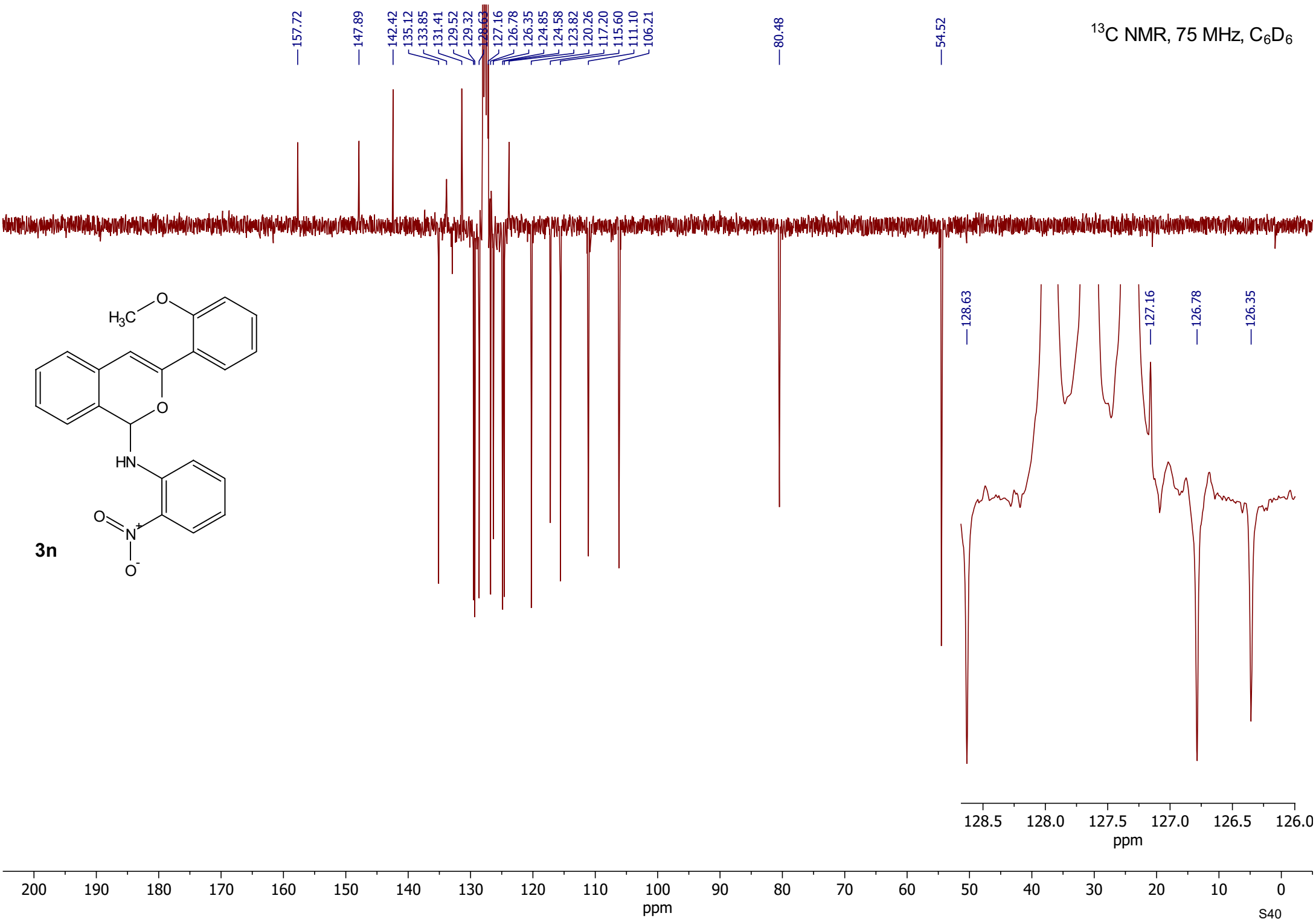
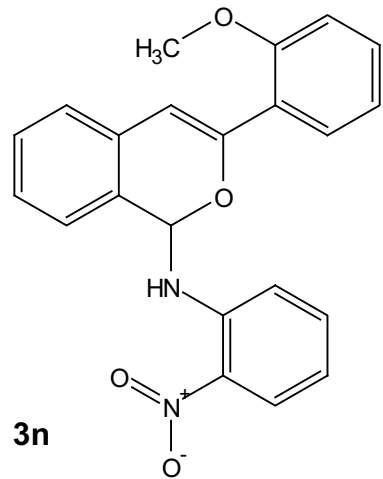
— 25.69

30.6  
30.3  
ppm

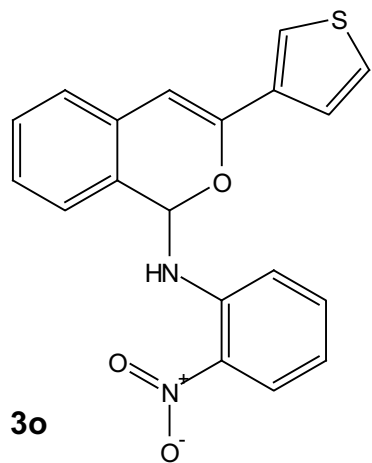
26.1  
25.5  
ppm



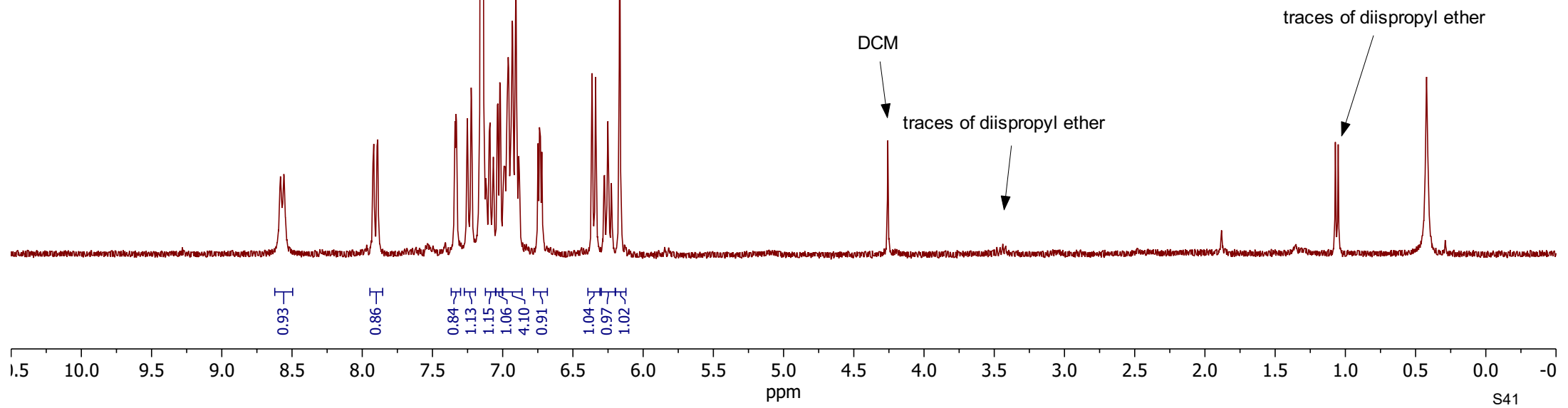


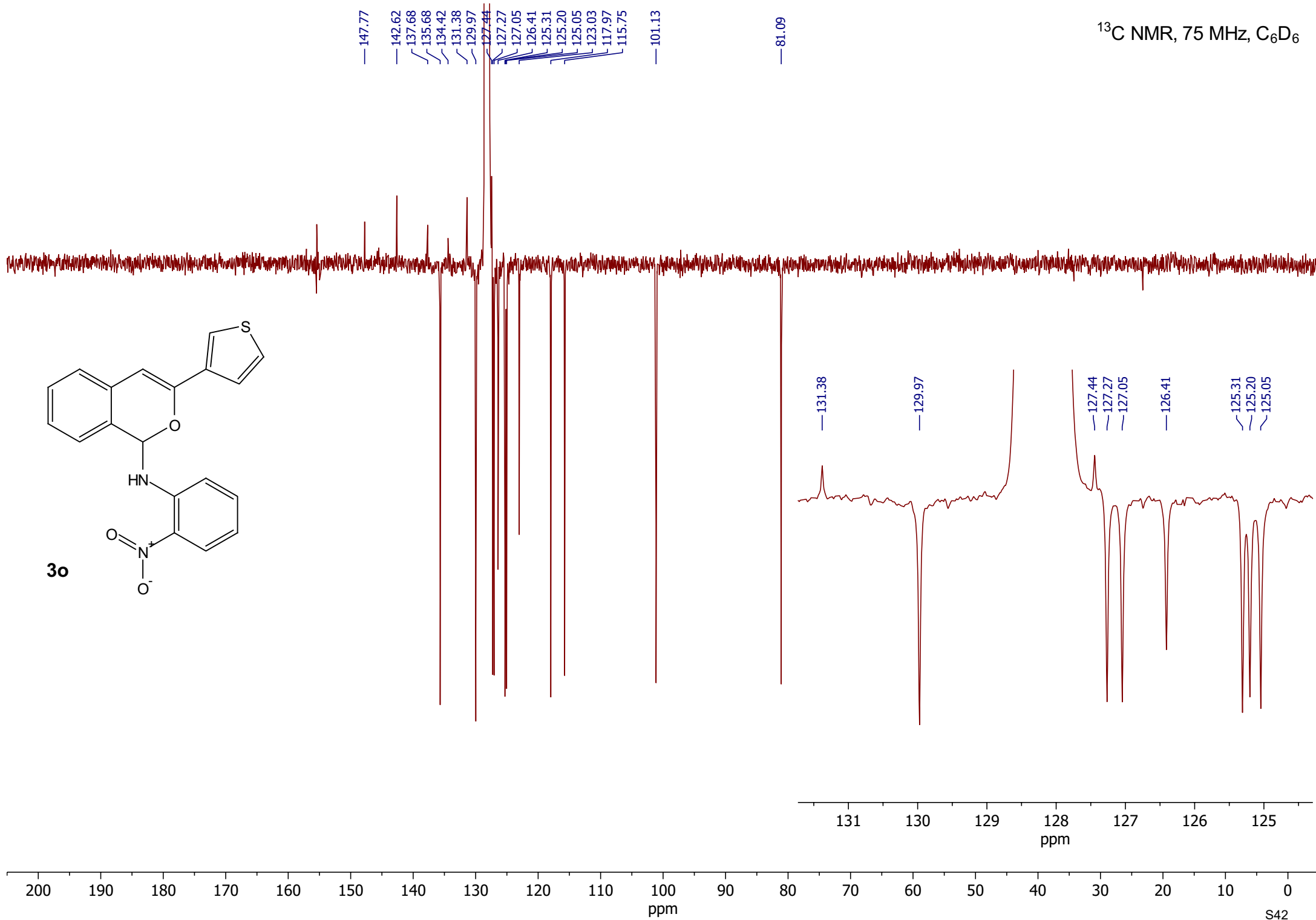
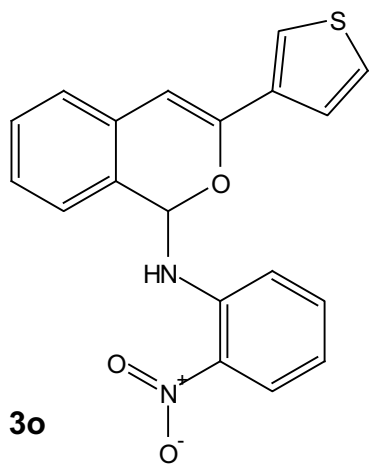


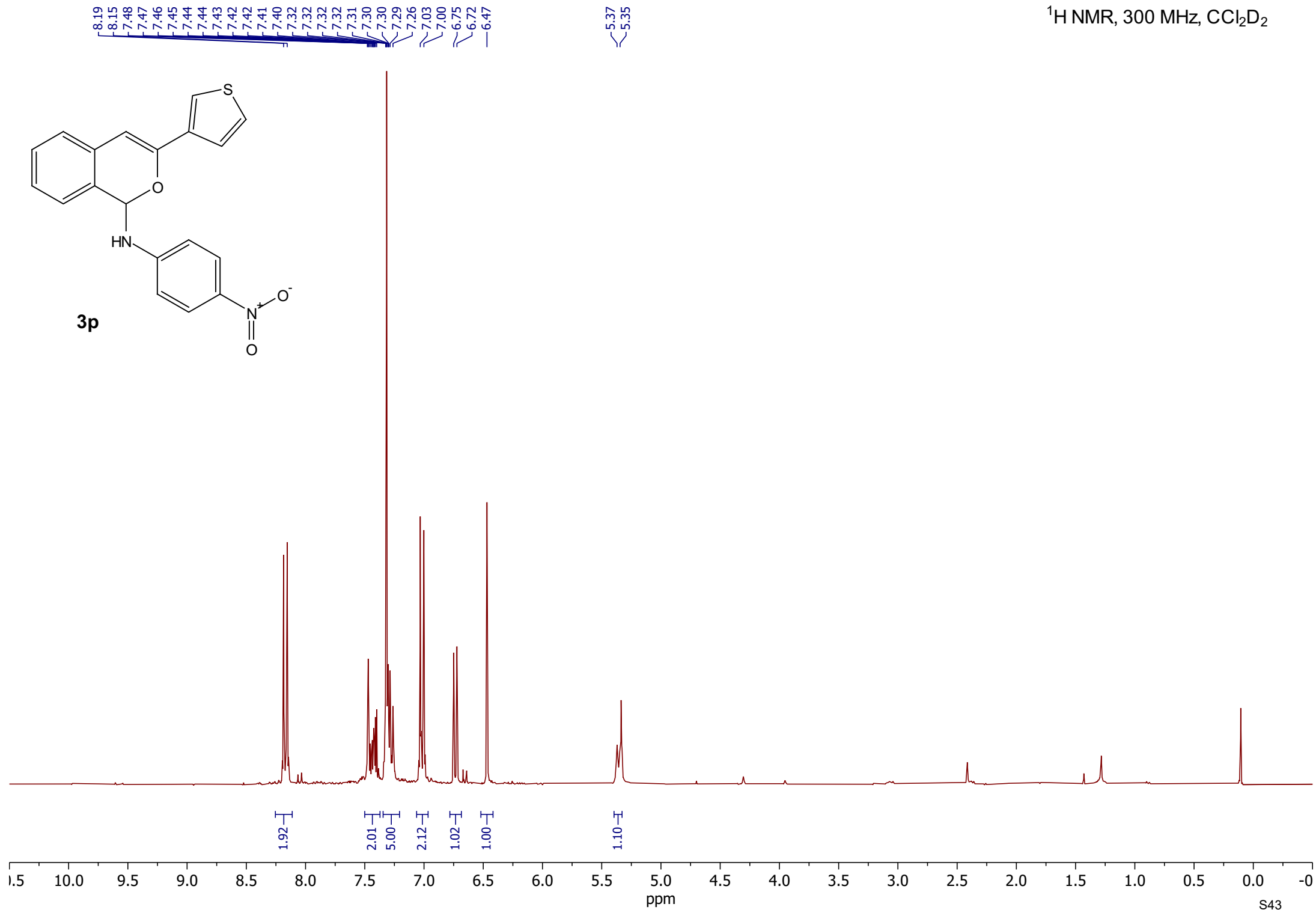
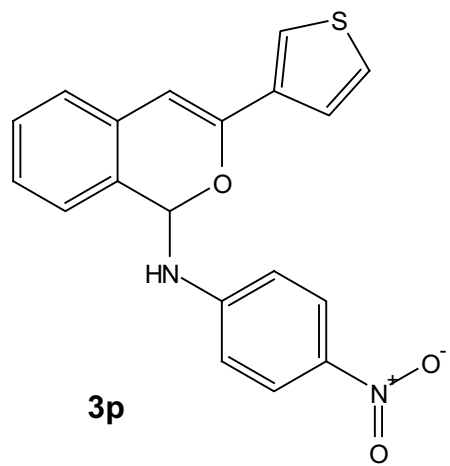


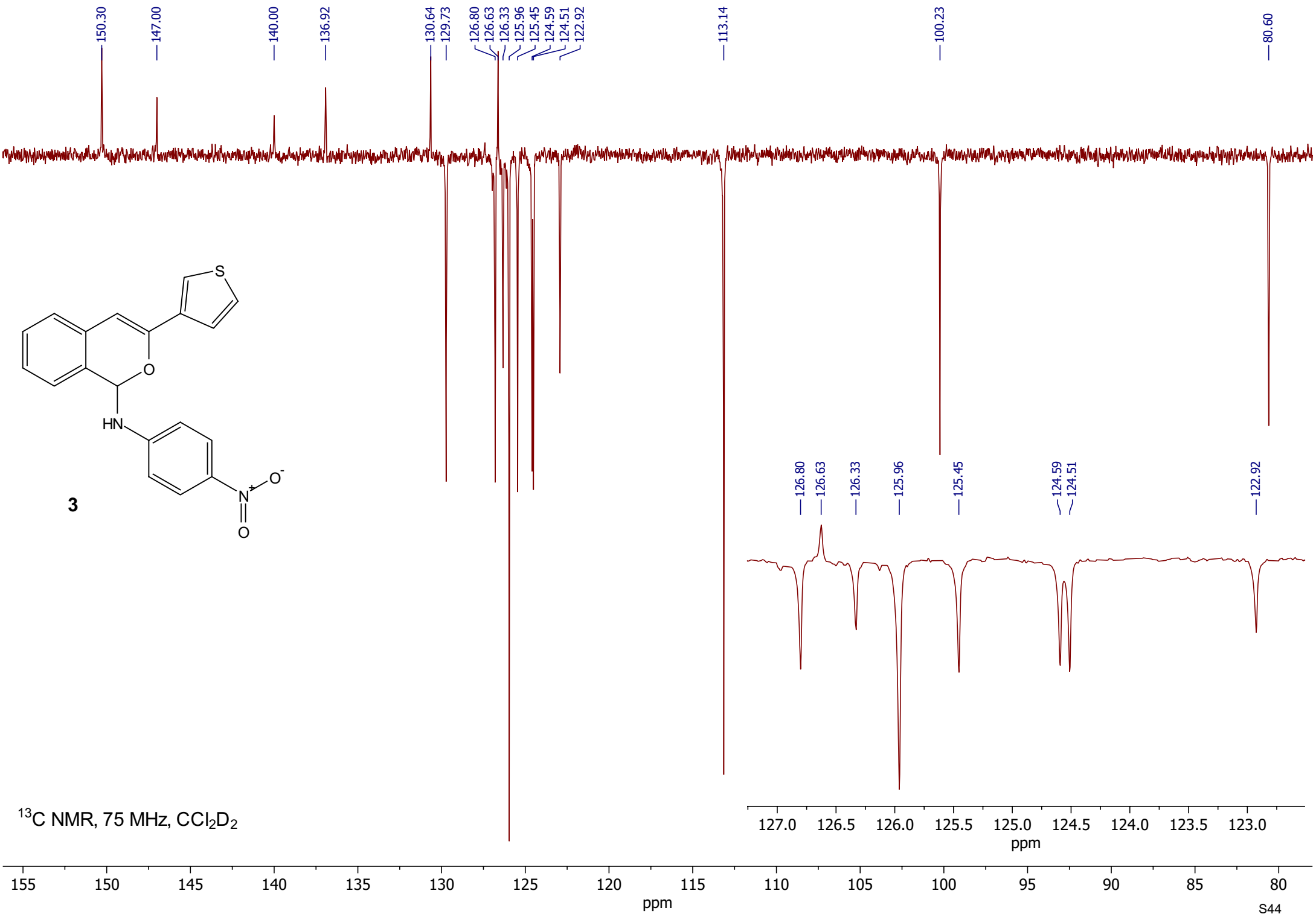
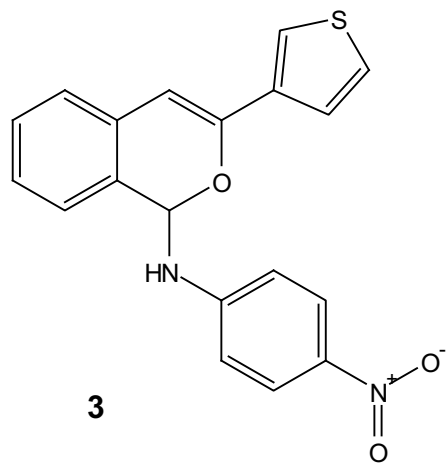


8.58  
8.56  
7.92  
7.92  
7.89  
7.89  
7.34  
7.33  
7.25  
7.22  
7.12  
7.09  
7.07  
7.03  
7.02  
6.99  
6.96  
6.93  
6.91  
6.89  
6.89  
6.75  
6.74  
6.73  
6.72  
6.36  
6.34  
6.28  
6.25  
6.23  
6.17



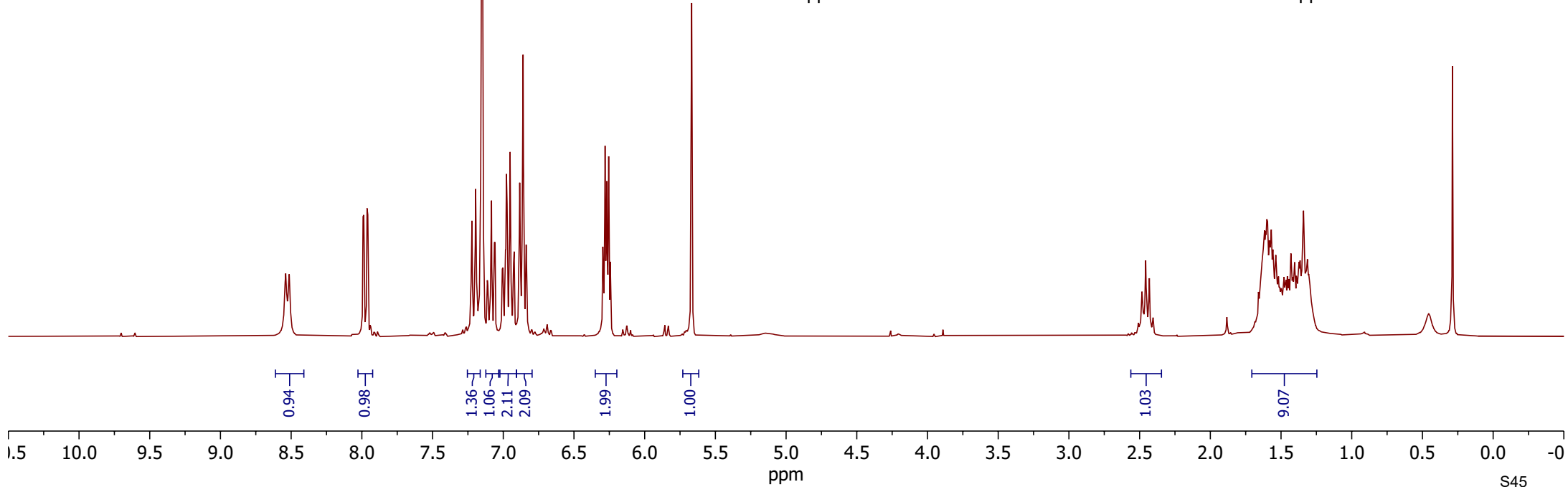
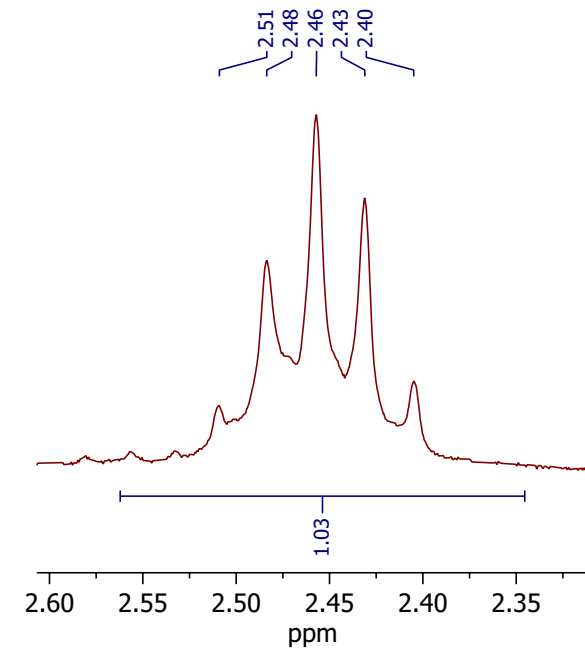
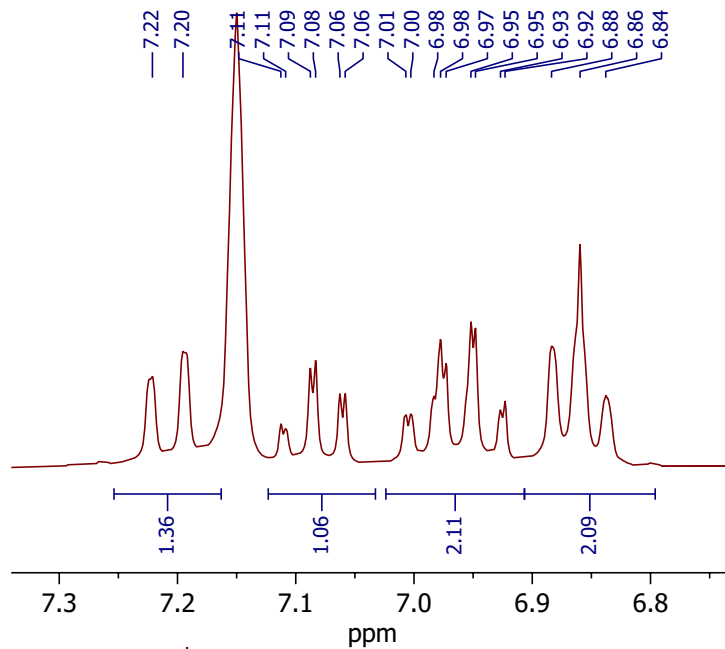
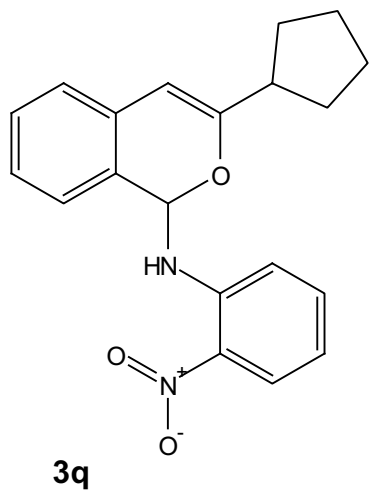


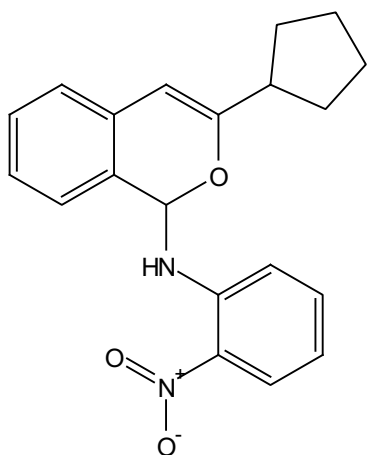




<sup>1</sup>H NMR, 300 MHz, C<sub>6</sub>D<sub>6</sub>

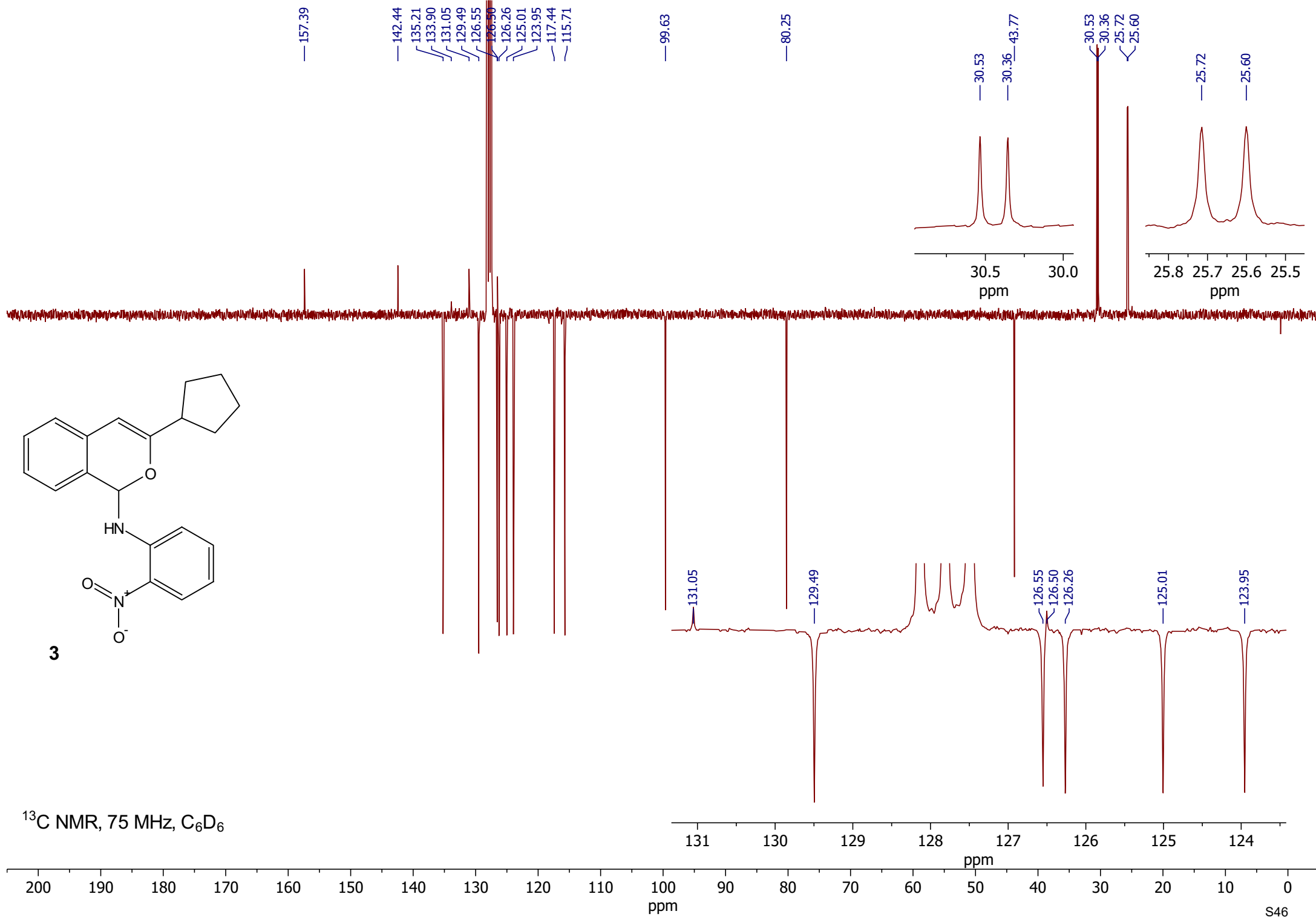
8.54, 8.51, 7.99, 7.99, 7.96, 7.96, 7.22, 7.20, 7.11, 7.11, 7.11, 7.09, 7.08, 7.06, 7.06, 7.01, 7.00, 7.00, 6.98, 6.98, 6.97, 6.95, 6.95, 6.92, 6.92, 6.88, 6.86, 6.84, 6.84, 6.30, 6.29, 6.28, 6.27, 6.27, 6.26, 6.25, 6.24, 6.24, 5.67, 2.51, 2.48, 2.46, 2.43, 2.40, 1.64, 1.63, 1.62, 1.62, 1.61, 1.60, 1.60, 1.58, 1.57, 1.56, 1.54, 1.43, 1.40, 1.38, 1.37, 1.37, 1.34, 1.33, 1.32, 1.31

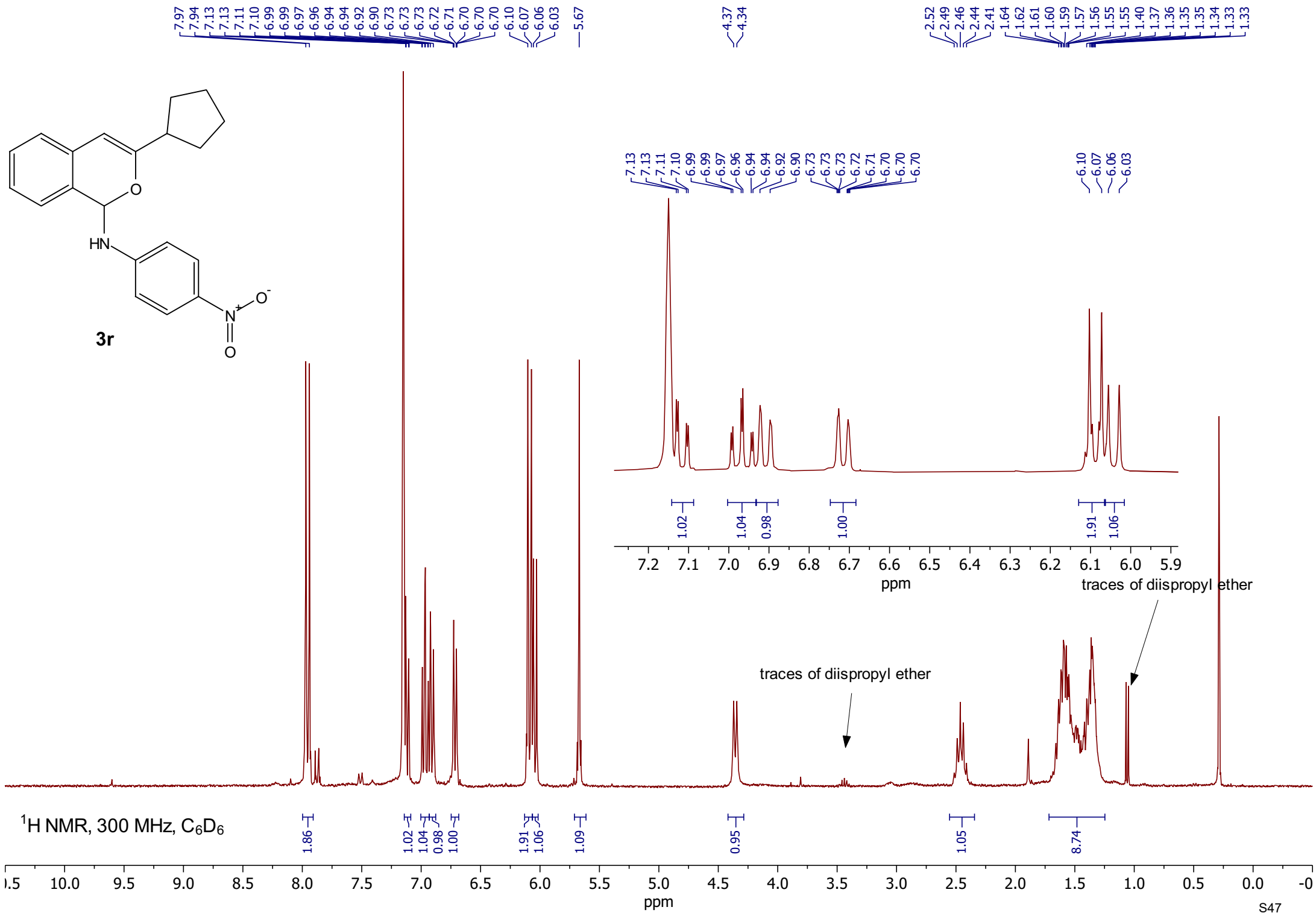
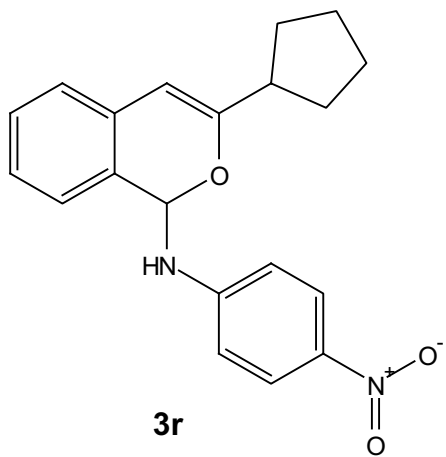




**3**

$^{13}\text{C}$  NMR, 75 MHz,  $\text{C}_6\text{D}_6$





$^{13}\text{C}$  NMR, 75 MHz,  $\text{C}_6\text{D}_6$

