AMINOPHENYLPYRROLE SYNTHESIS AND APPLICATION TO PYRROLO[1,2-*c*]QUINAZOLINONE SYNTHESIS.

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Supporting Information

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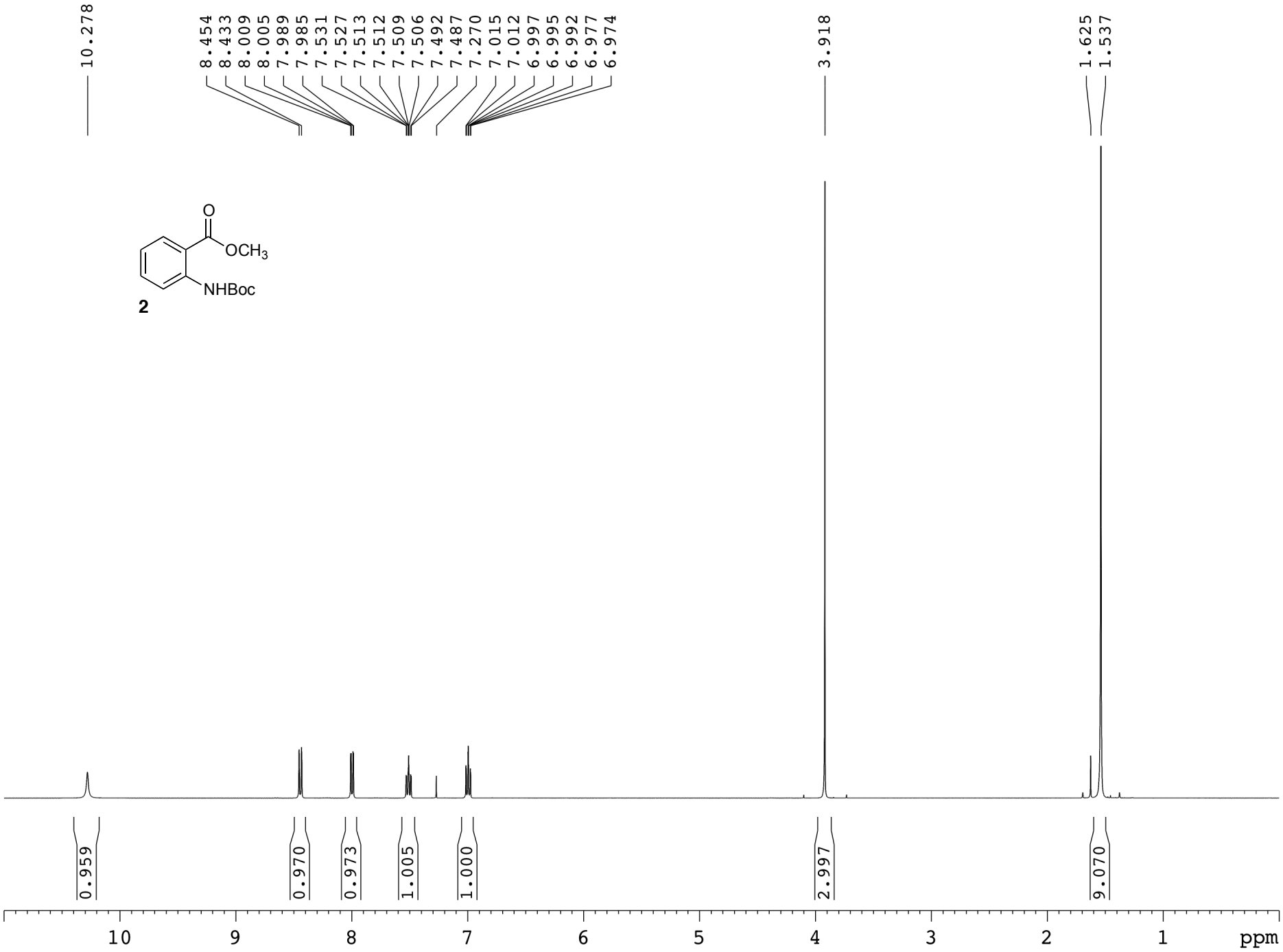
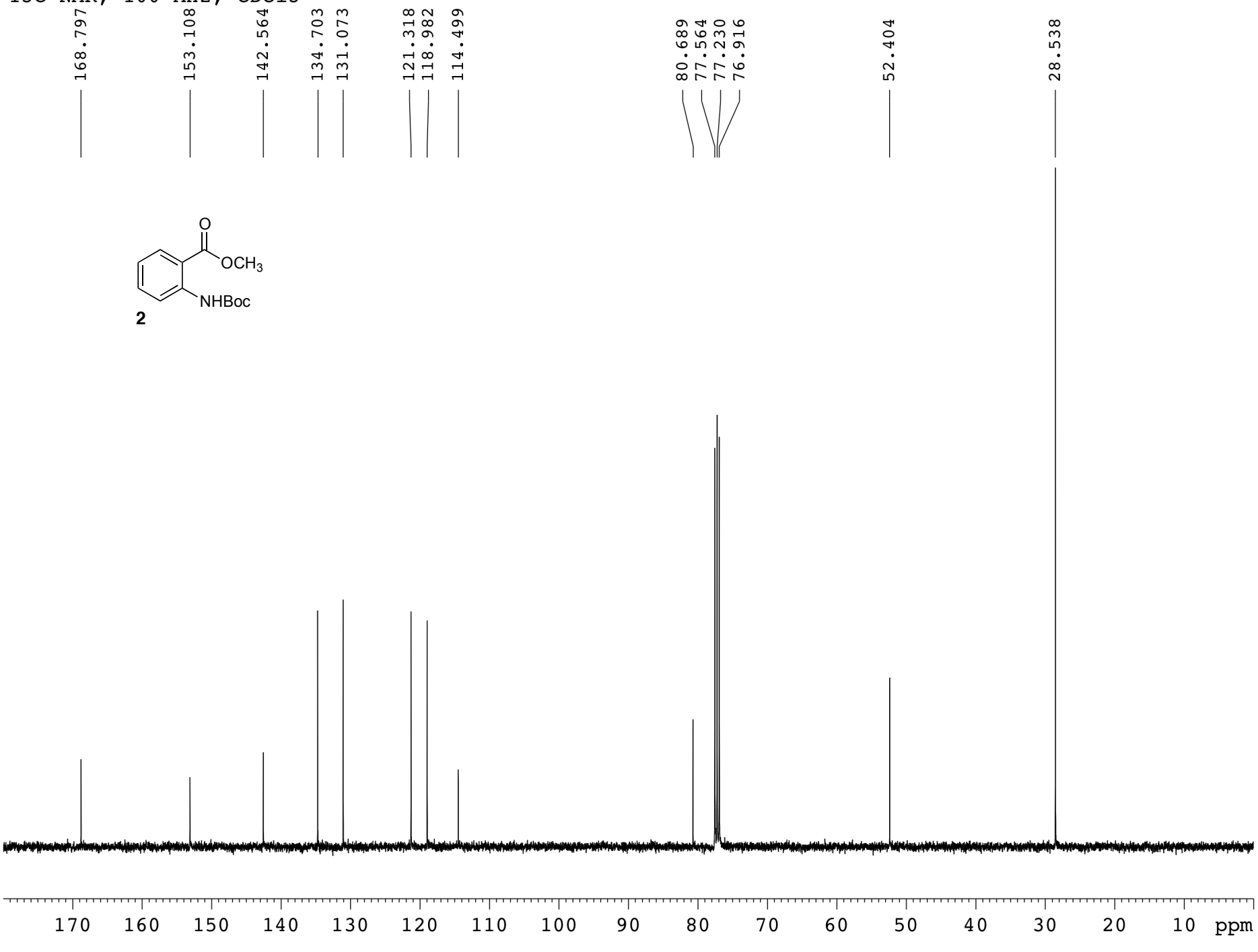
Proton NMR spectrum for **2**

1H NMR, 400 MHz, CDCl3

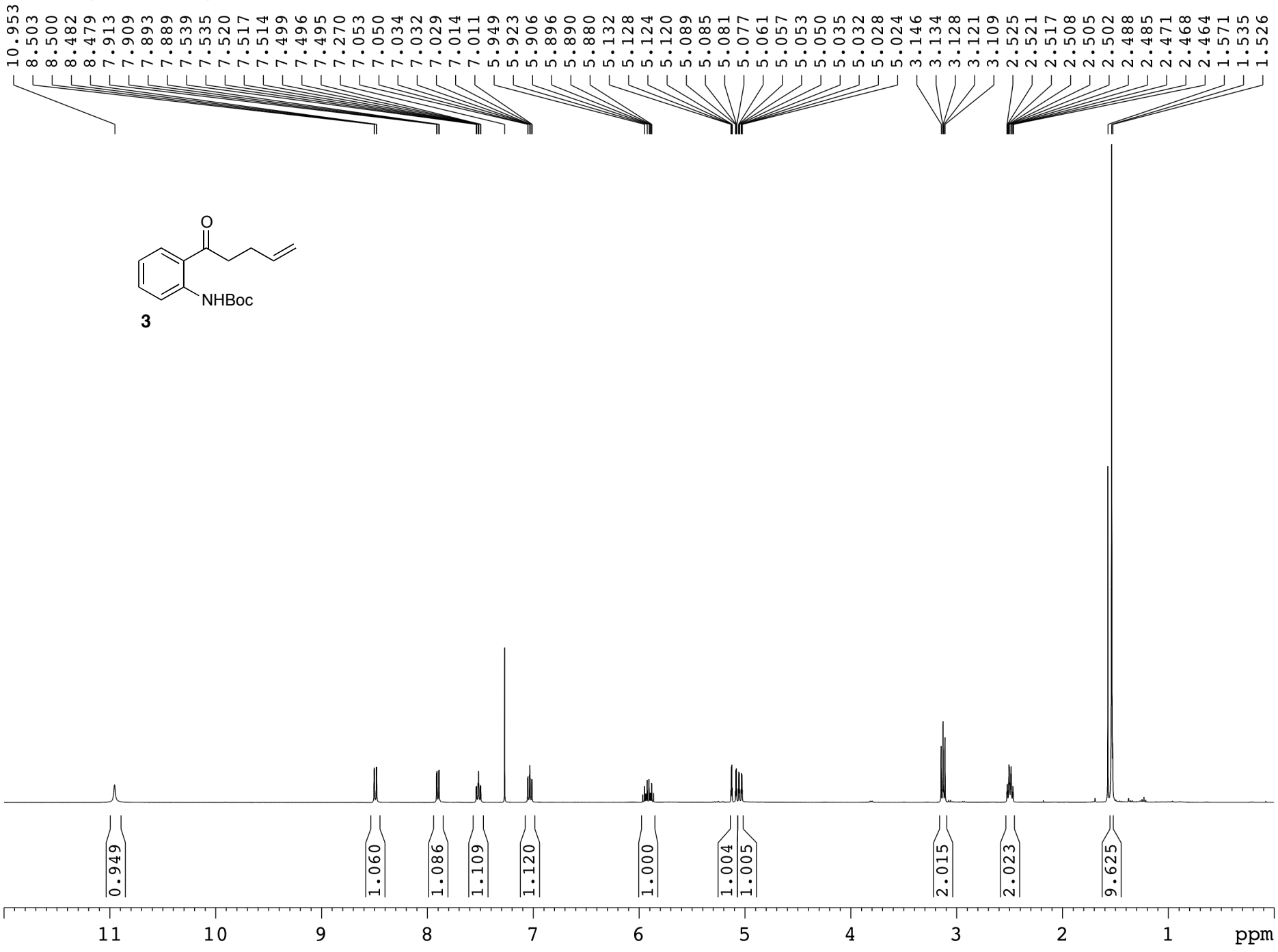


Carbon NMR spectrum for **2**



Proton NMR spectrum for **3**

1H NMR, 400 MHz, CDCl3



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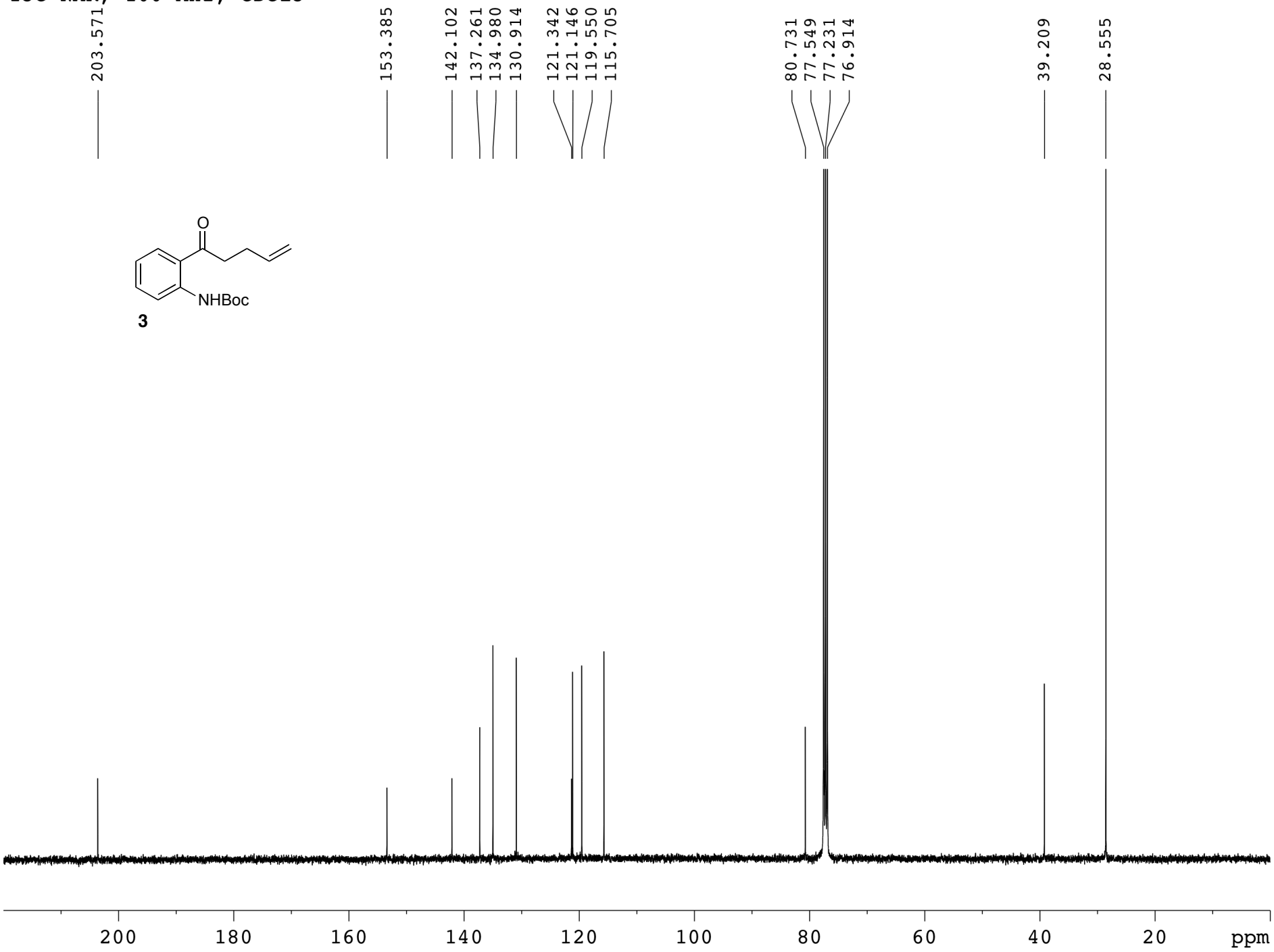
Carbon NMR spectrum for **3**

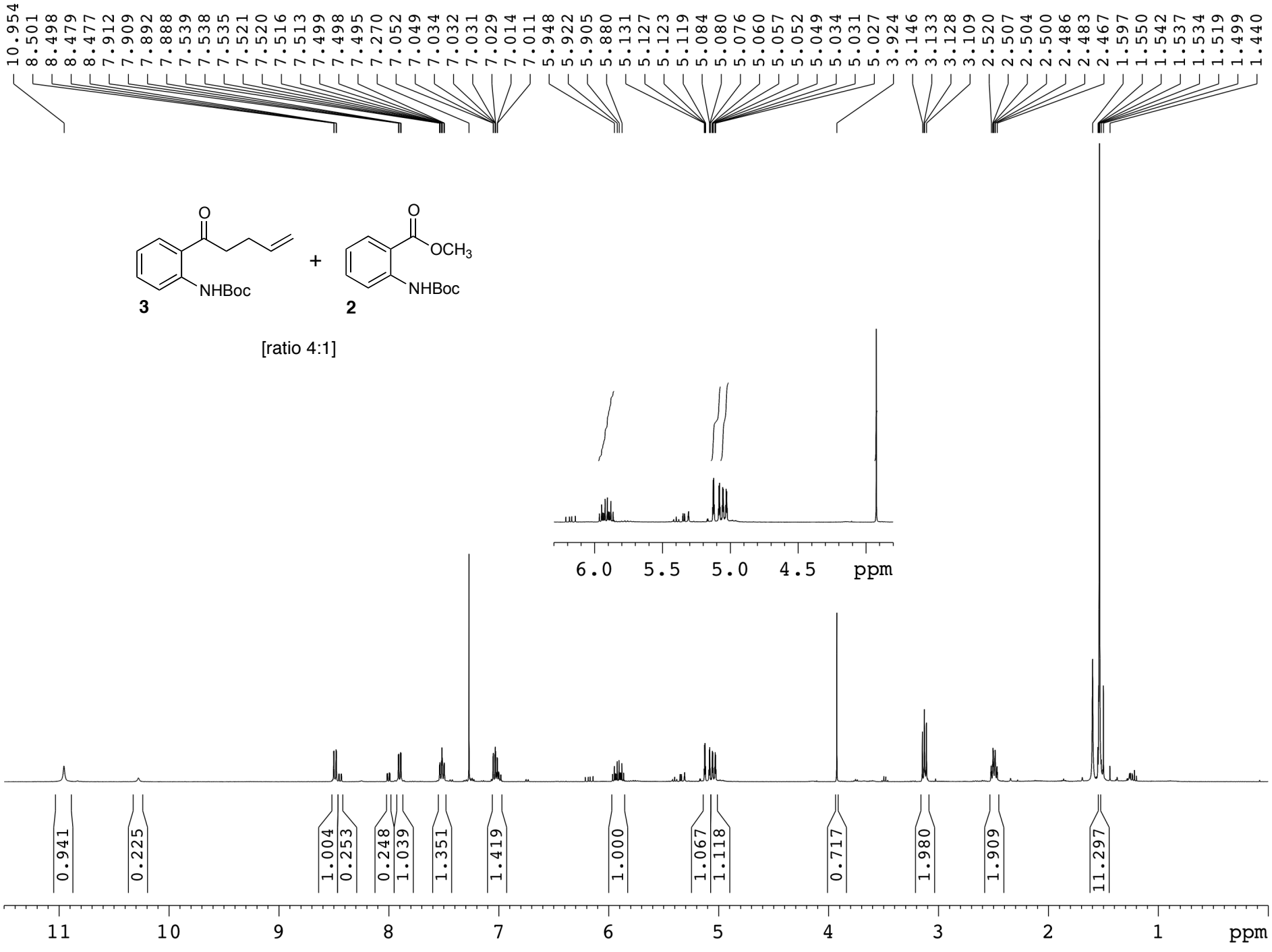
13C NMR, 100 MHz, CDCl3



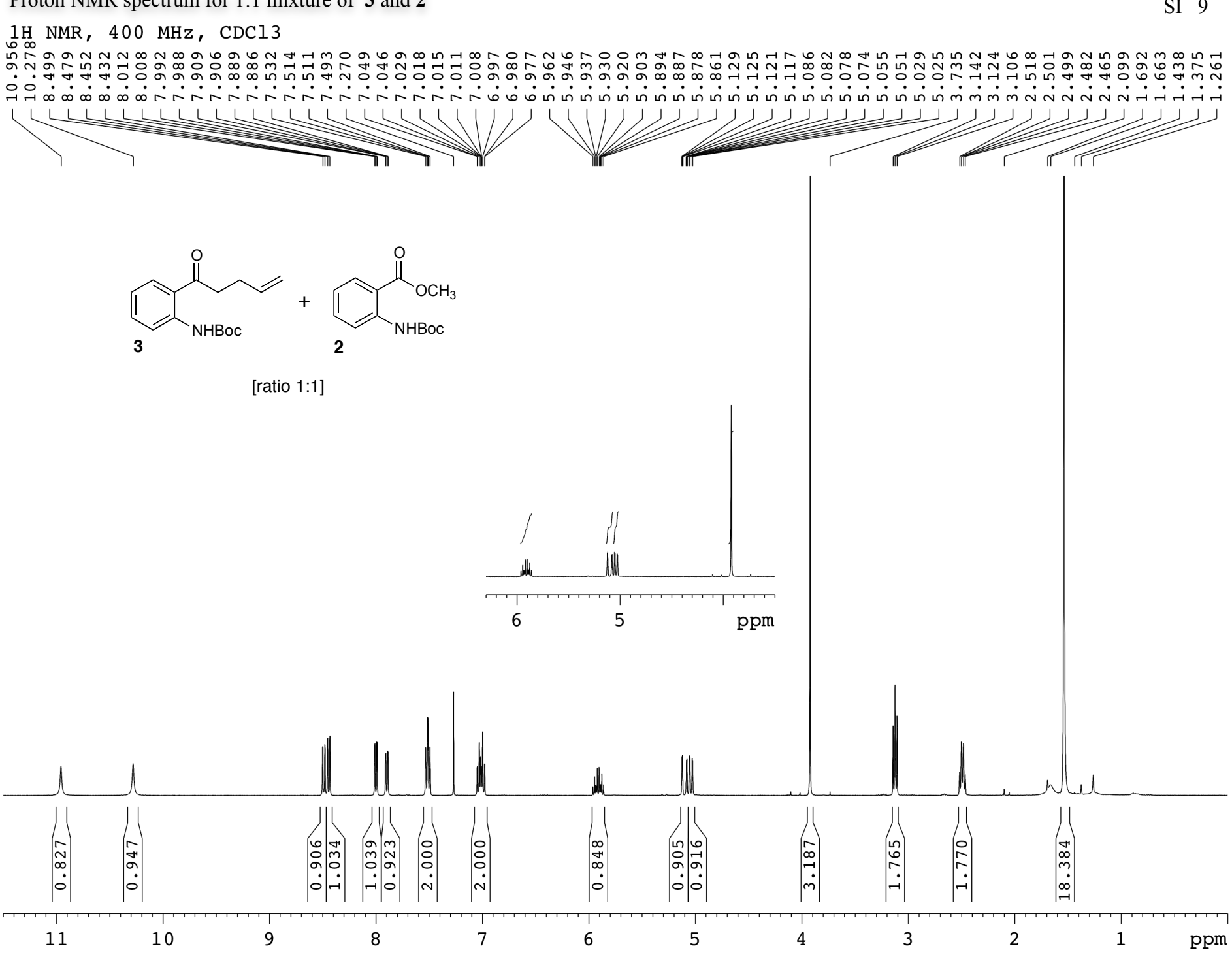
3

Proton NMR spectrum for 4:1 mixture of **3** and **2**

1H NMR, 400 MHz, CDCl3

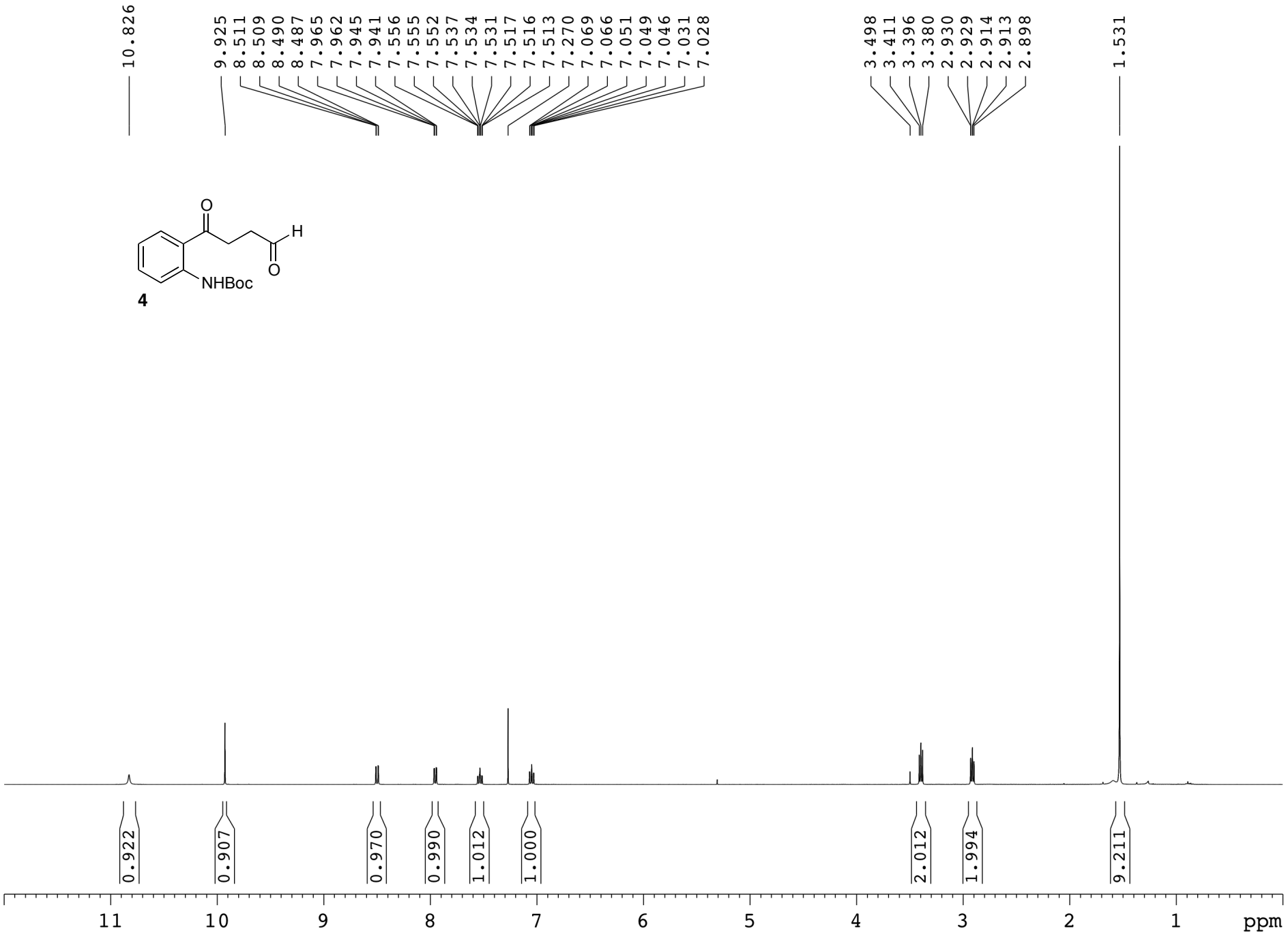


Proton NMR spectrum for 1:1 mixture of **3** and **2**



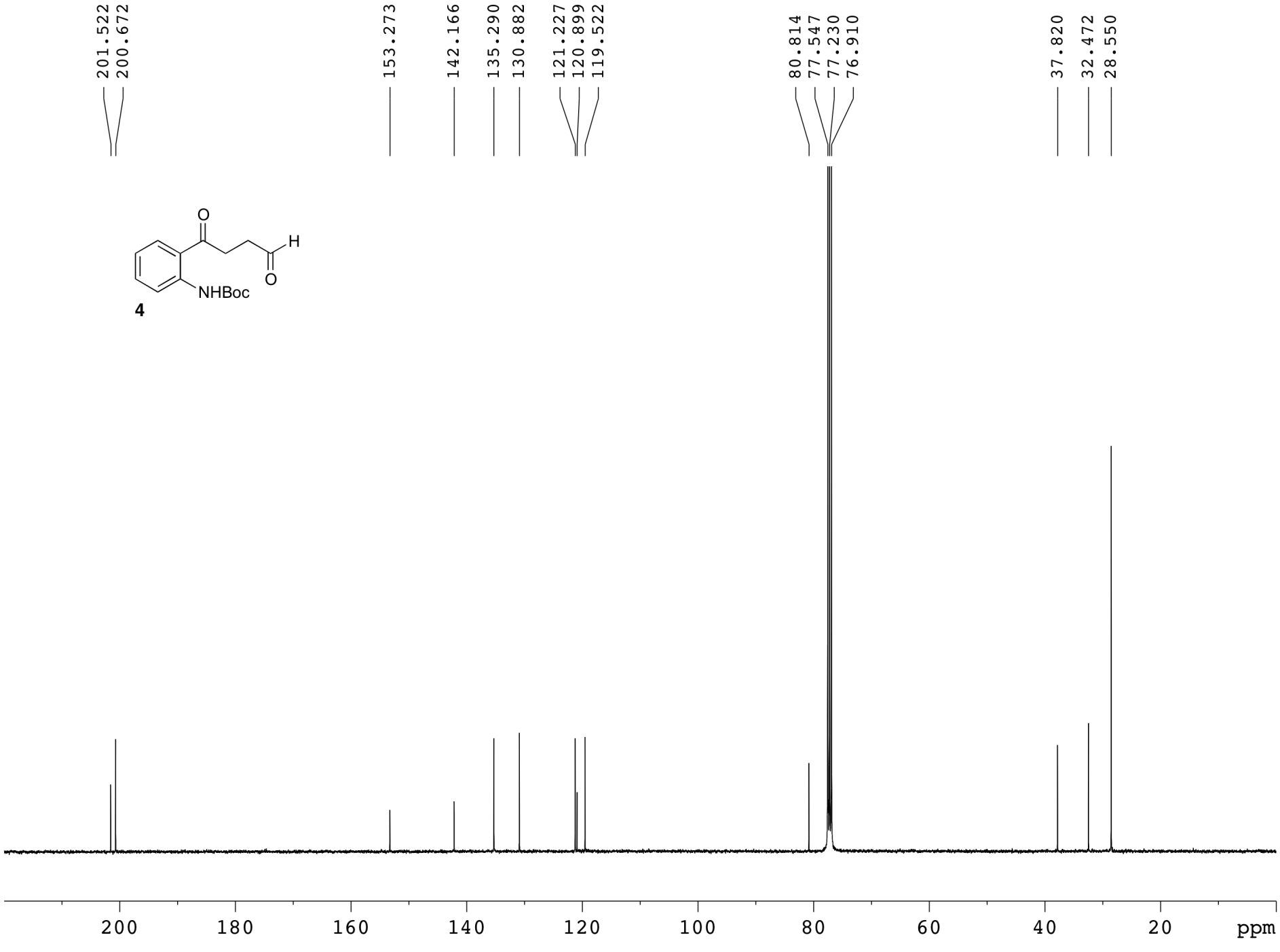
Proton NMR spectrum for **4**

1H NMR, 400 MHz, CDCl3



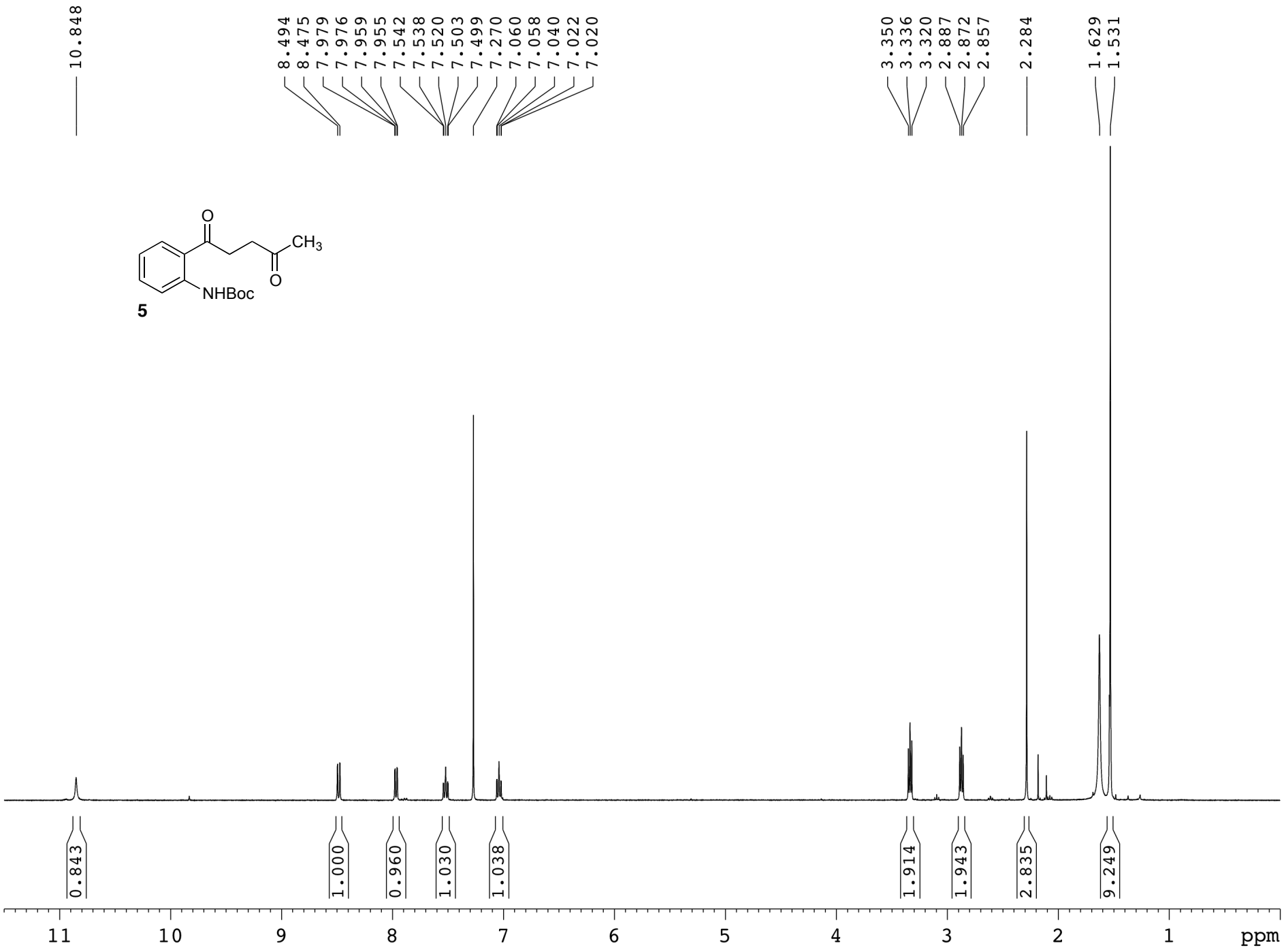
Carbon NMR spectrum for **4**

13C NMR, 100 MHz, CDCl3



Proton NMR spectrum for **5**

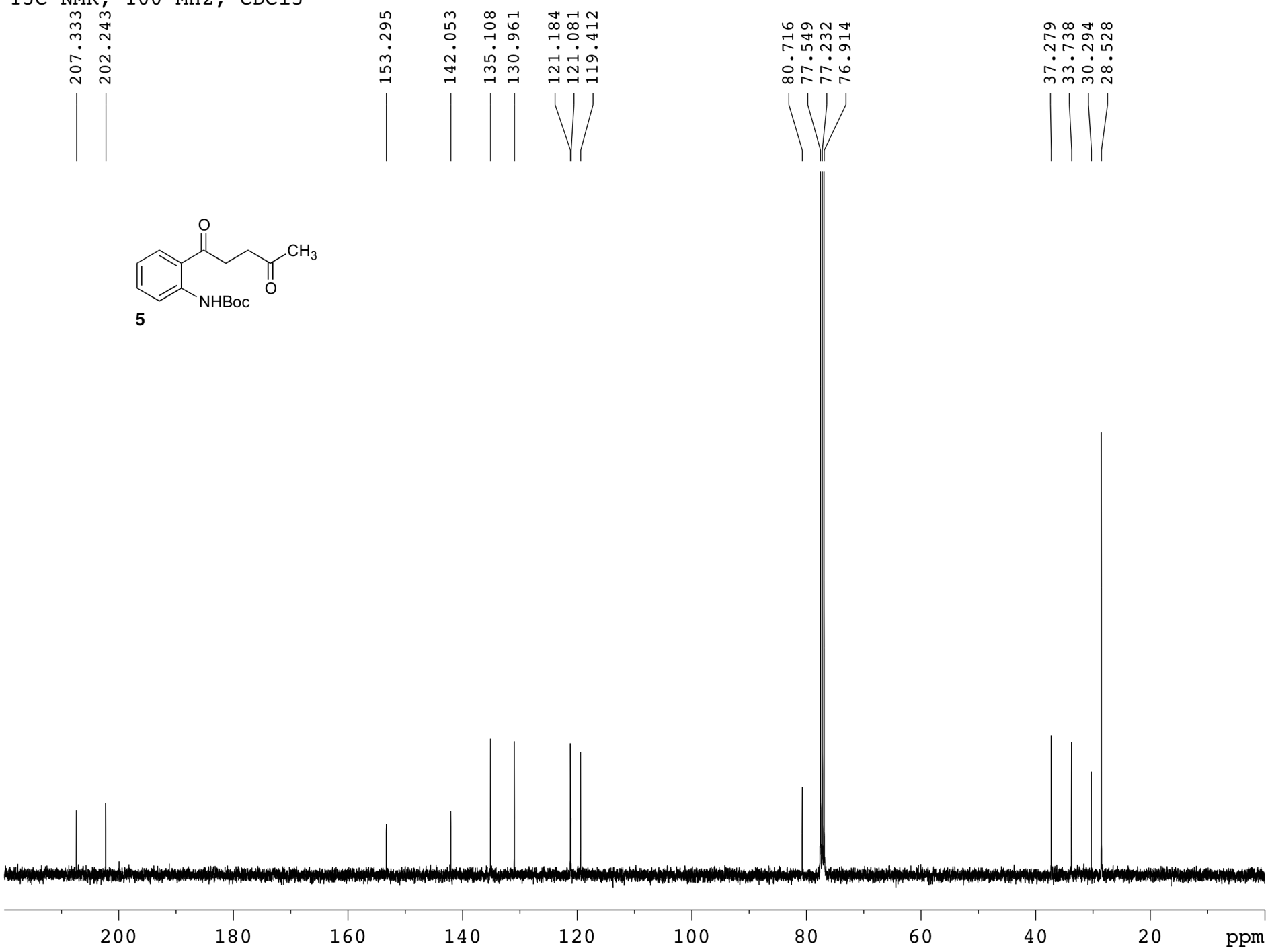
1H NMR, 400 MHz, CDCl3



5

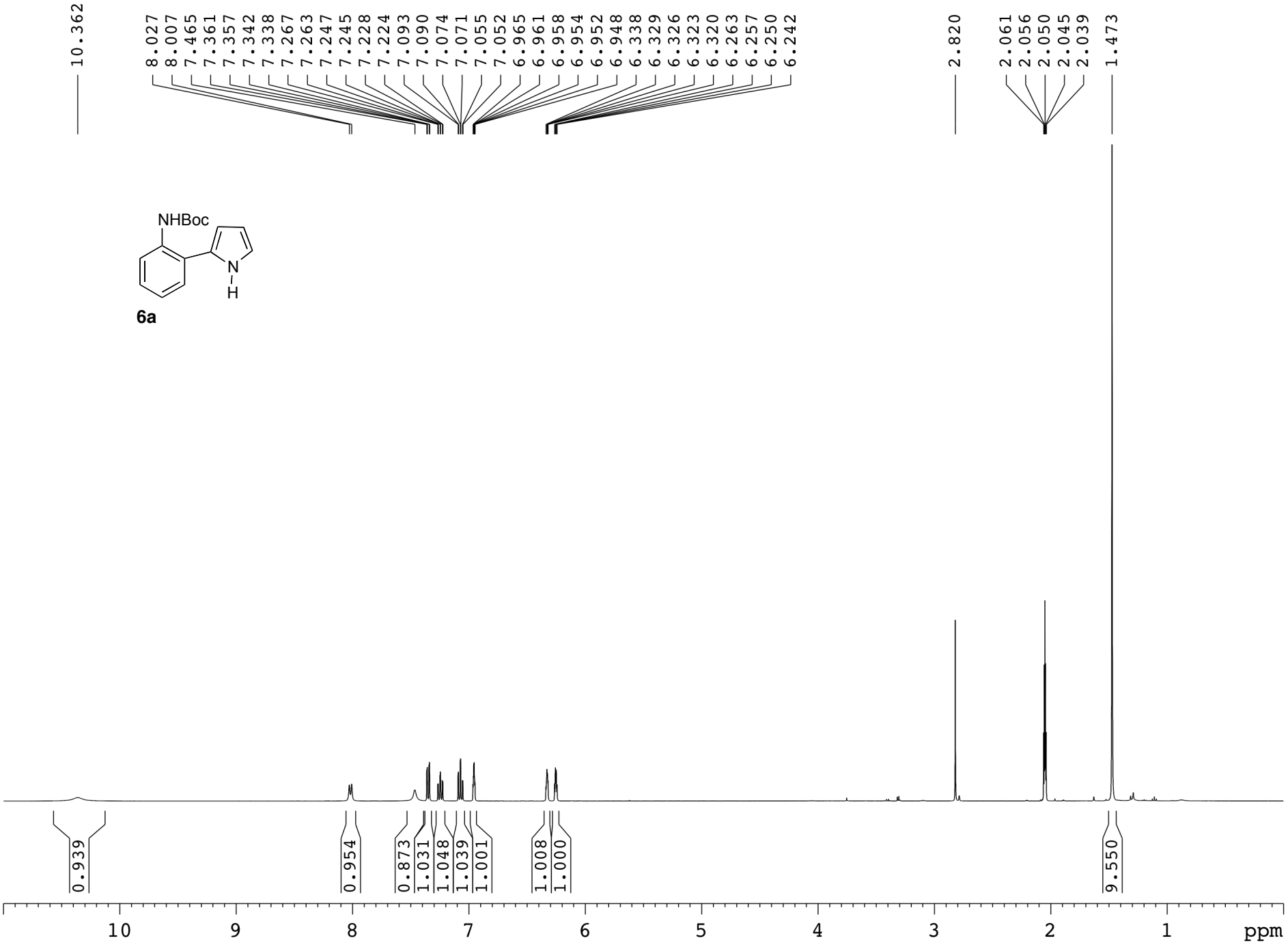
Carbon NMR spectrum for **5**

13C NMR, 100 MHz, CDCl3



Proton NMR spectrum for **6a**

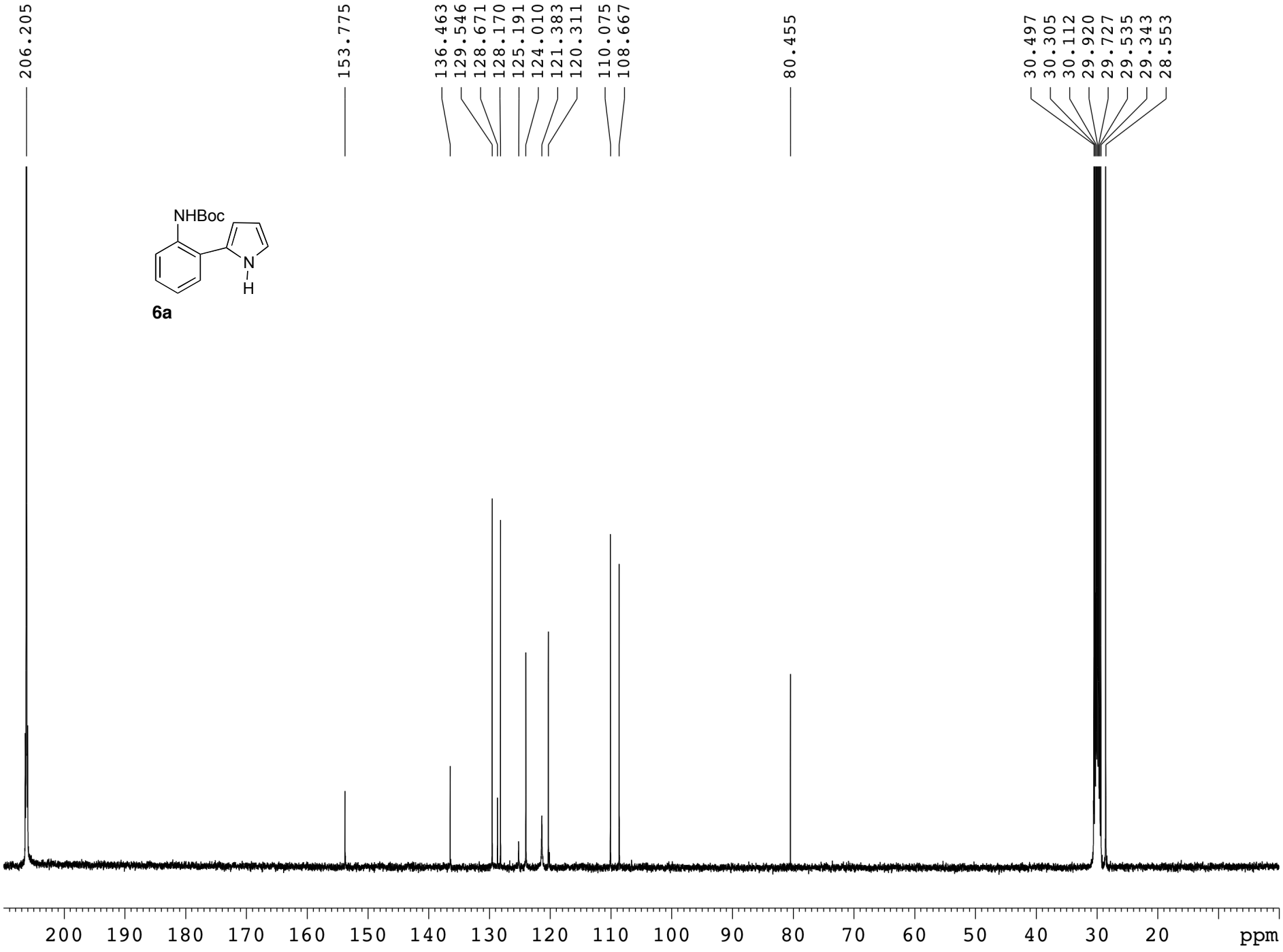
1H NMR, 400 MHz, acetone-d6



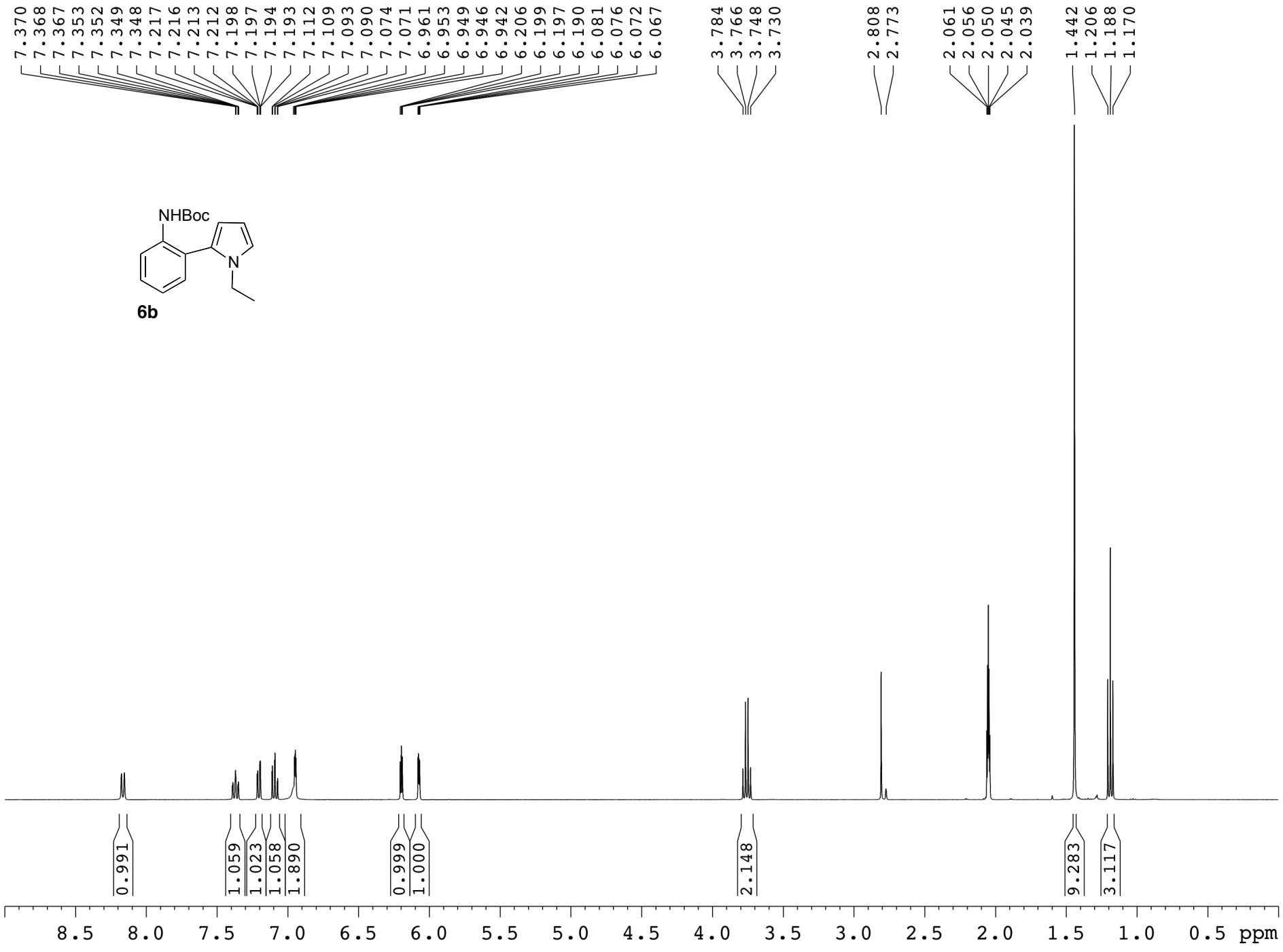
6a

Carbon NMR spectrum for **6a**

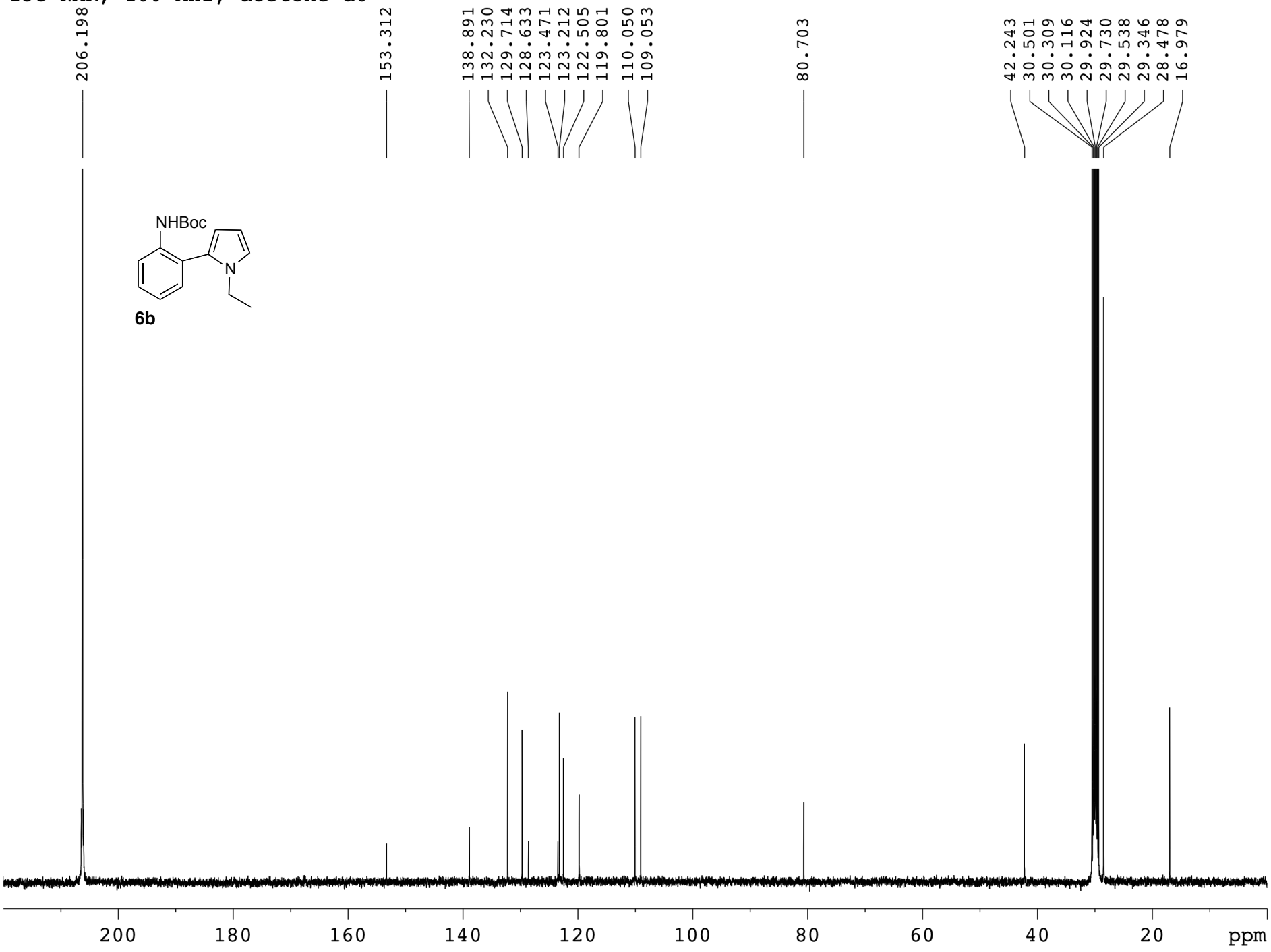
13C NMR, 100 MHz, acedone-d6



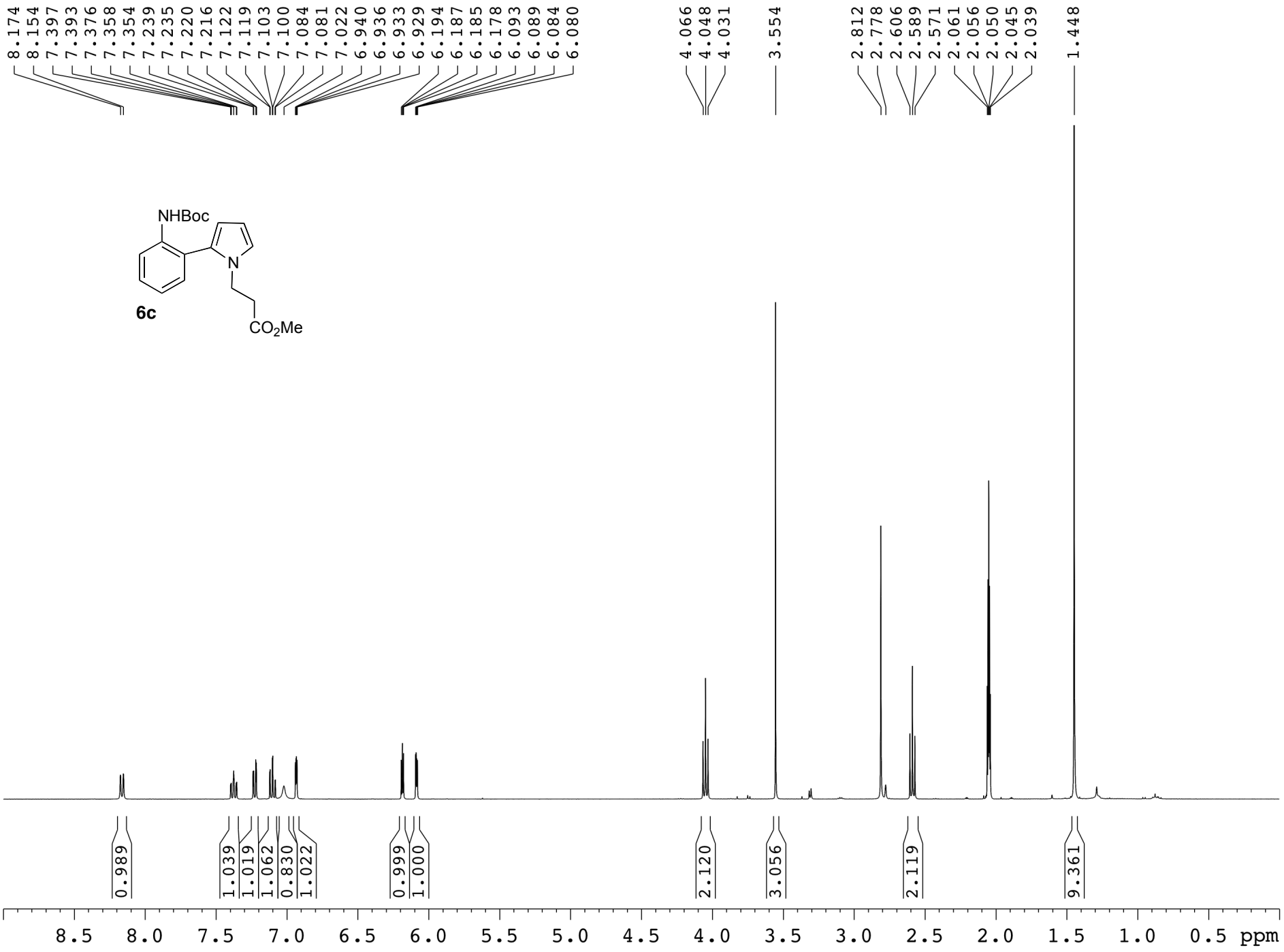
Proton NMR spectrum for **6b**



Carbon NMR spectrum for **6b**

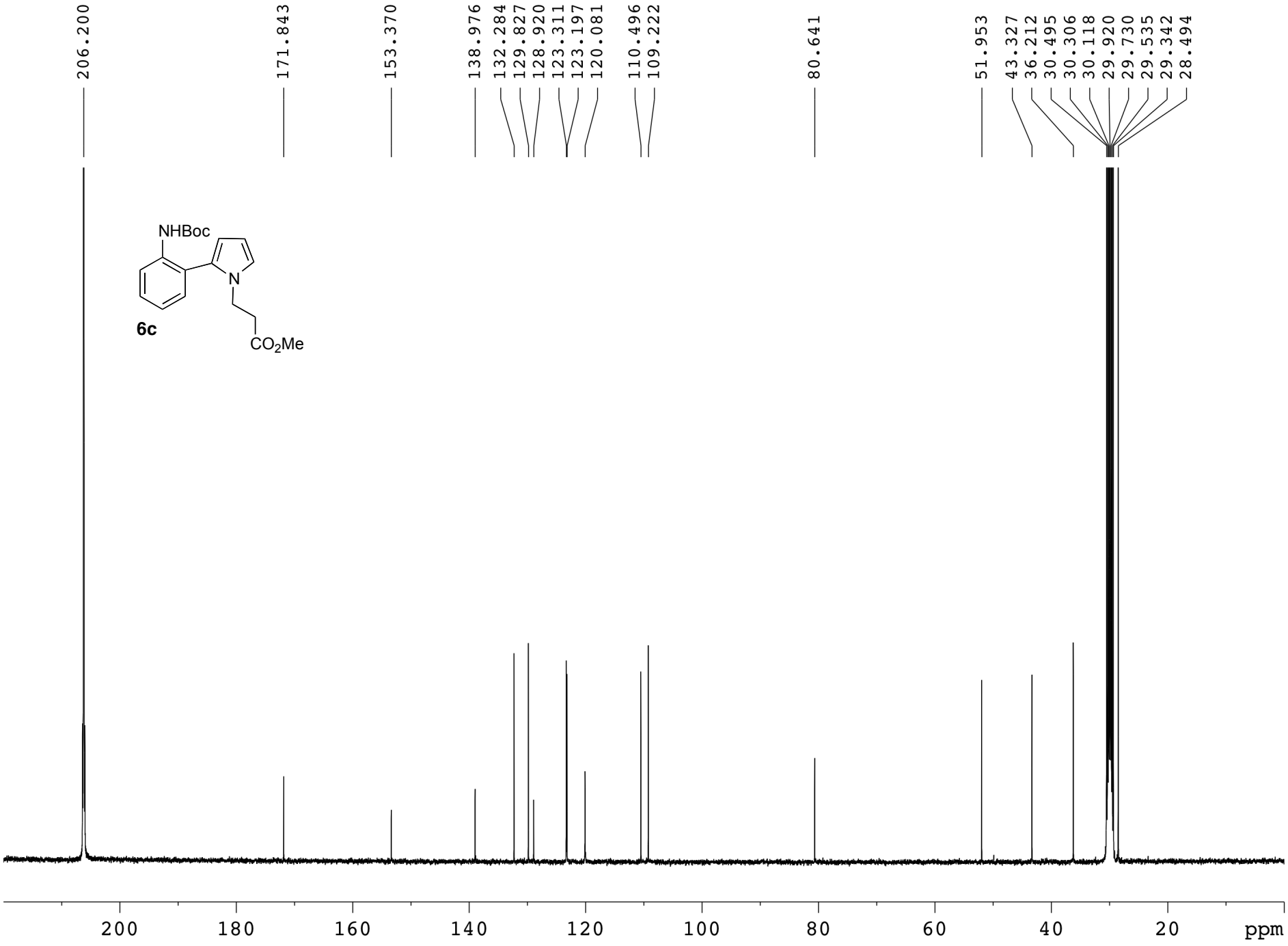


Proton NMR spectrum for **6c**

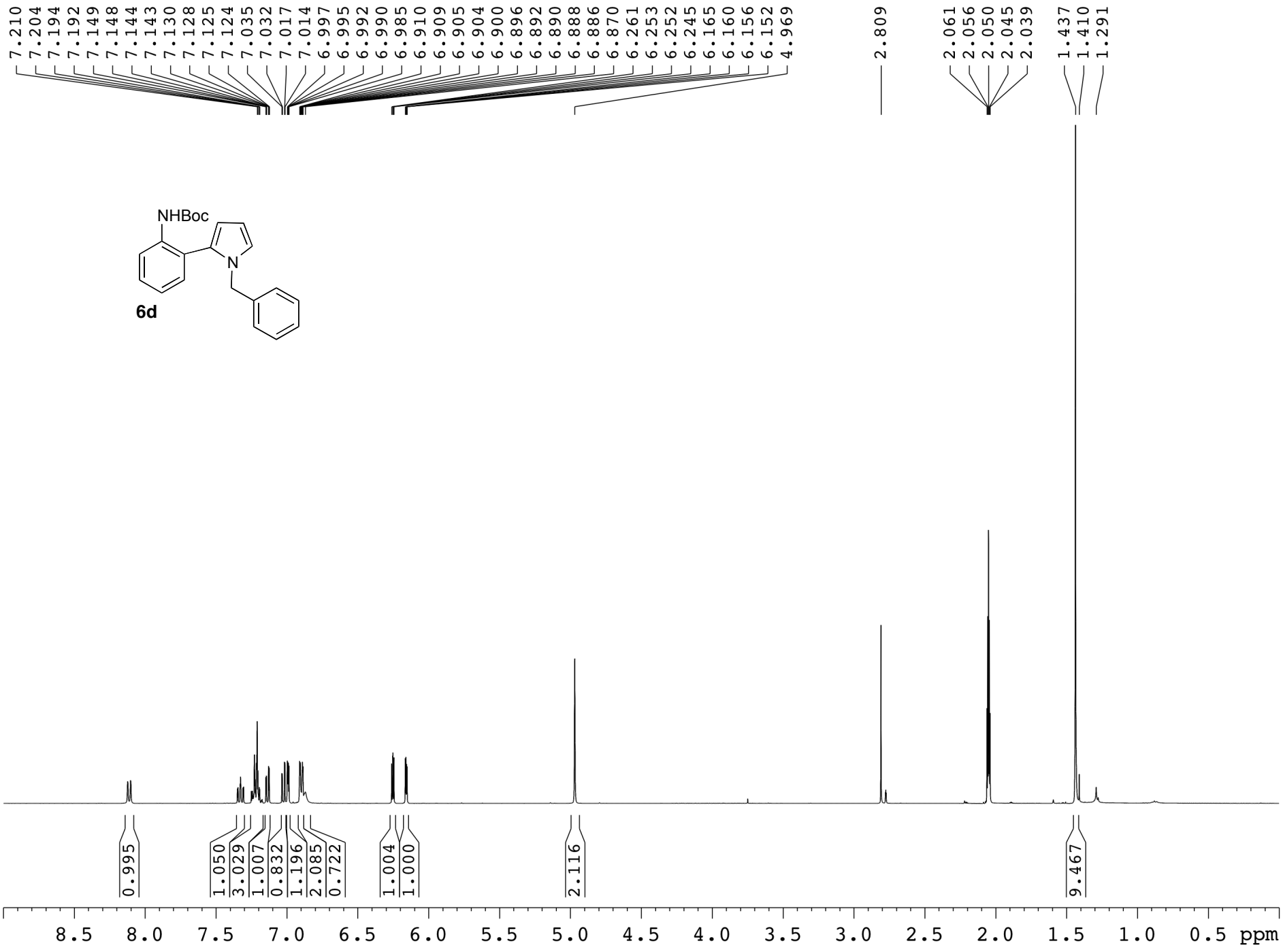


Carbon NMR spectrum for **6c**

13C NMR, 100 MHz, acetone-d6

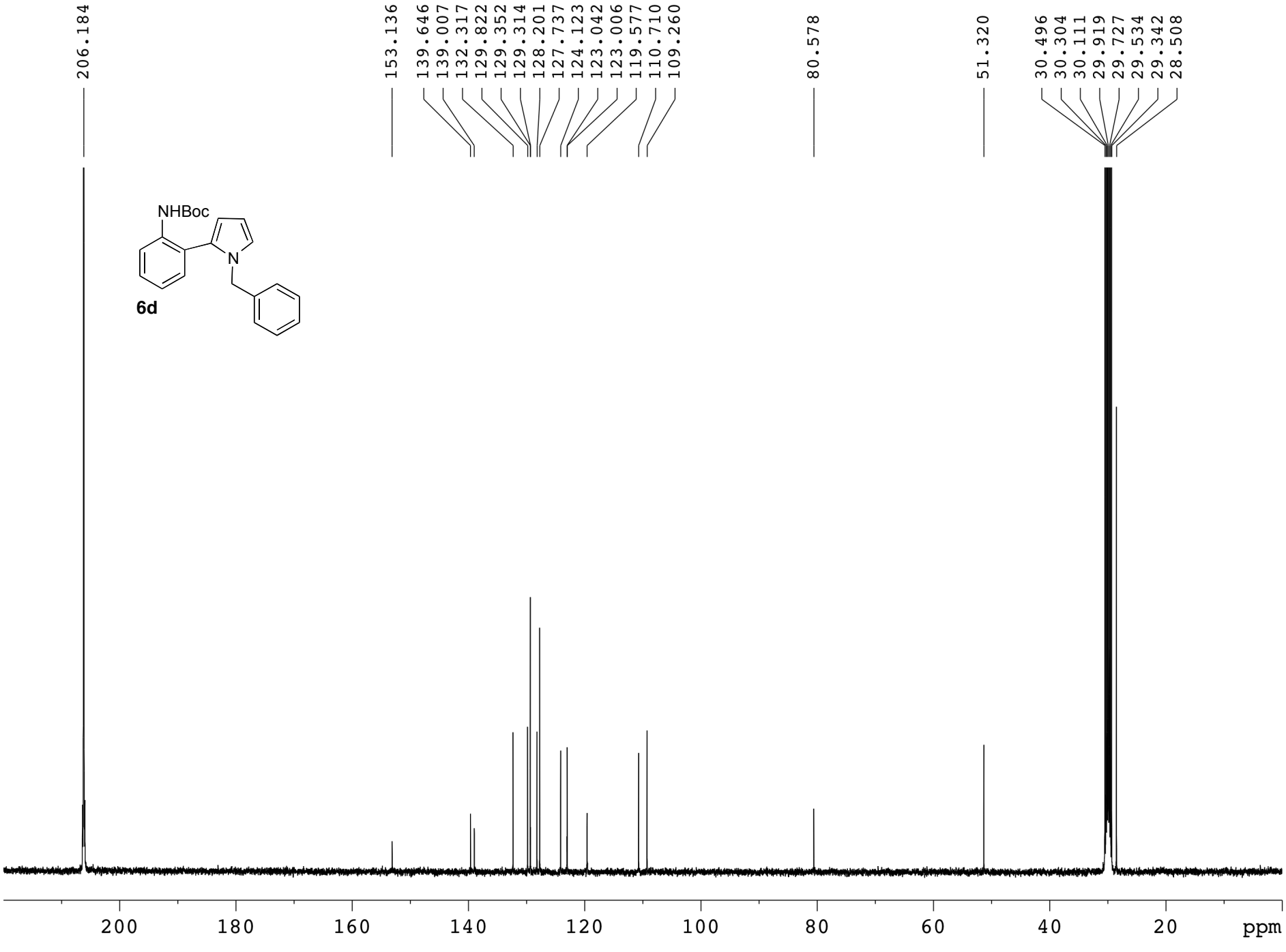


Proton NMR spectrum for **6d**



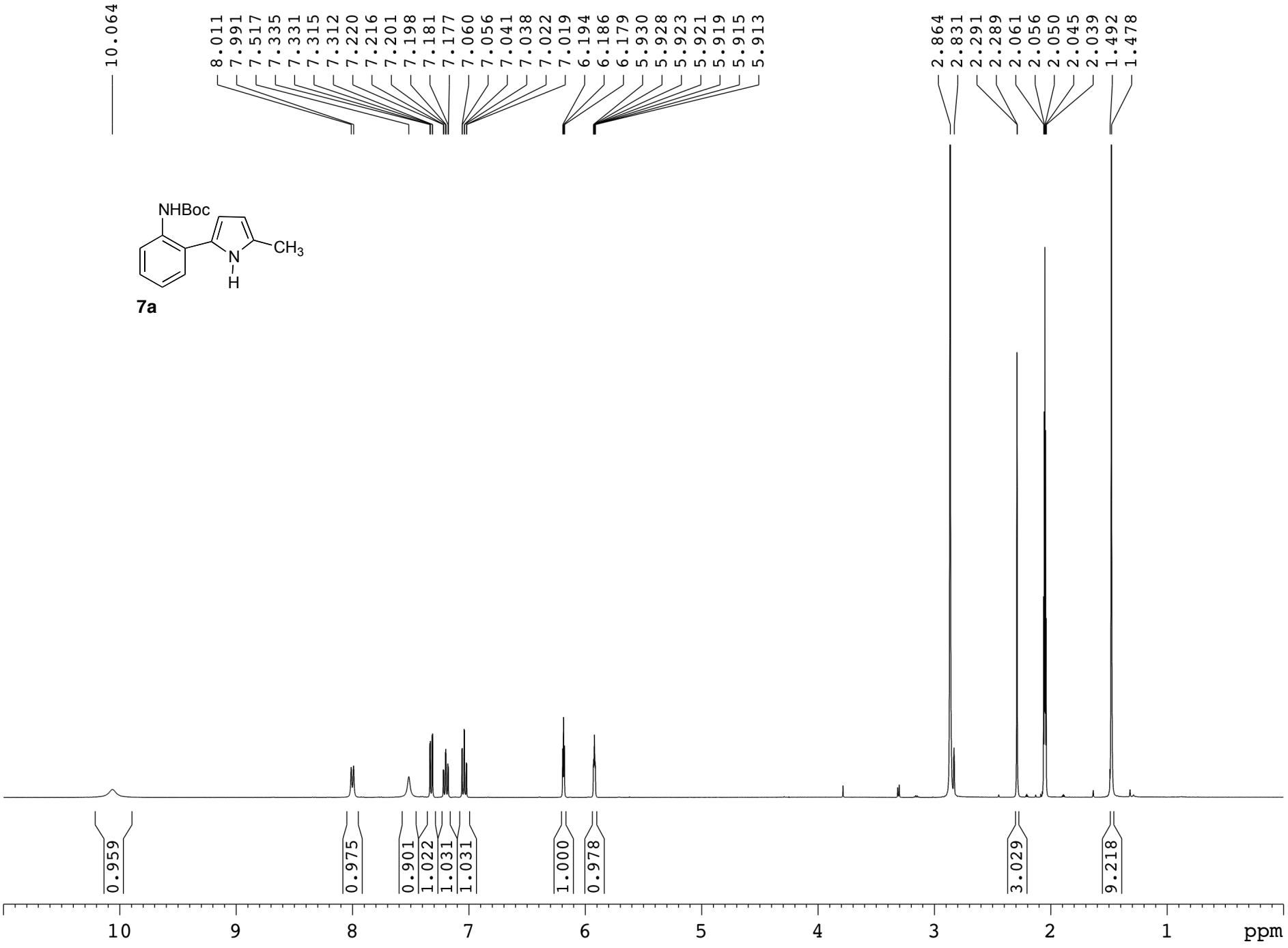
Carbon NMR spectrum for **6d**

13C NMR, 100 MHz, acetone-d6



Proton NMR spectrum for **7a**

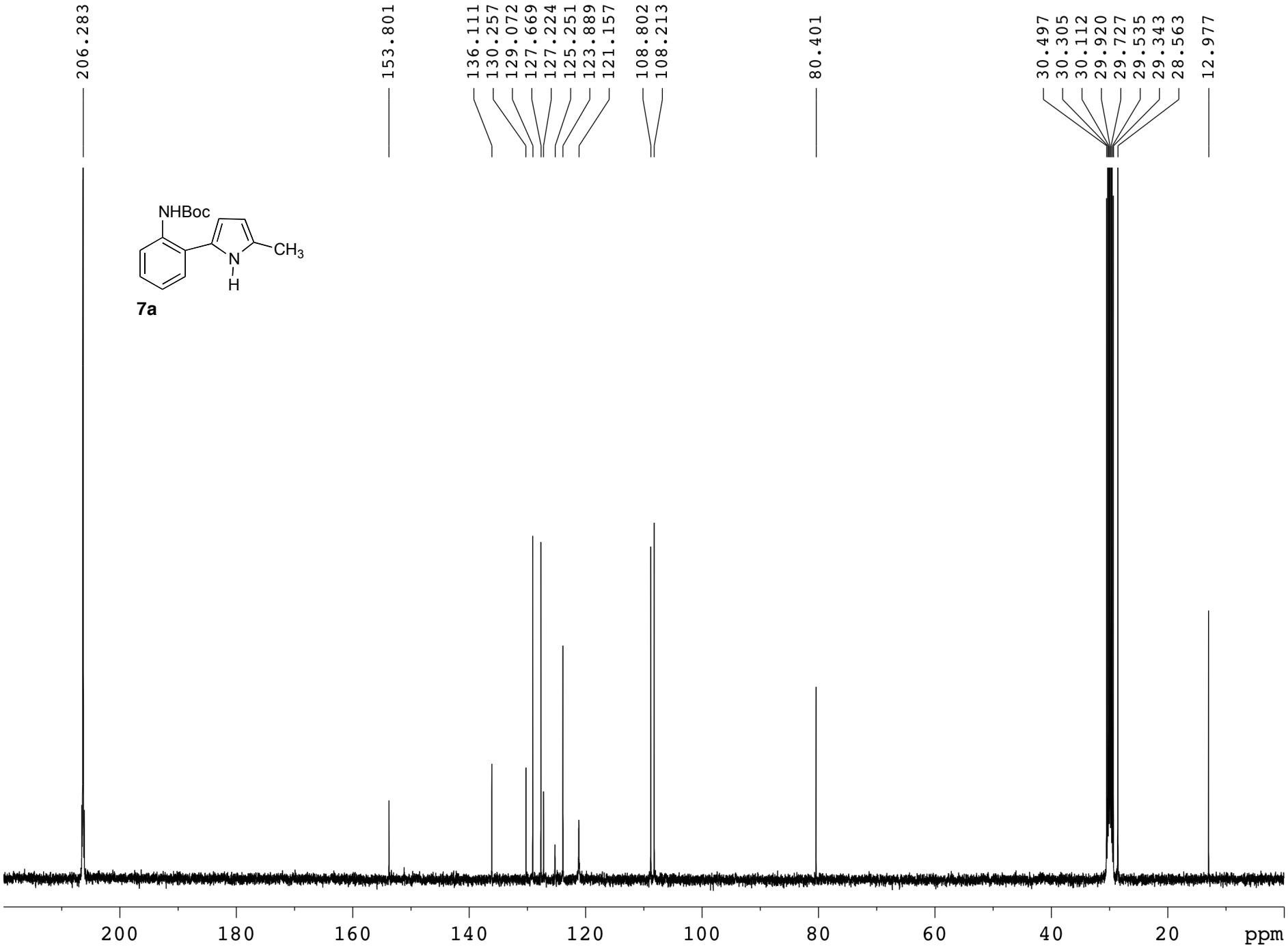
1H NMR, 400 MHz, acetone-d6



7a

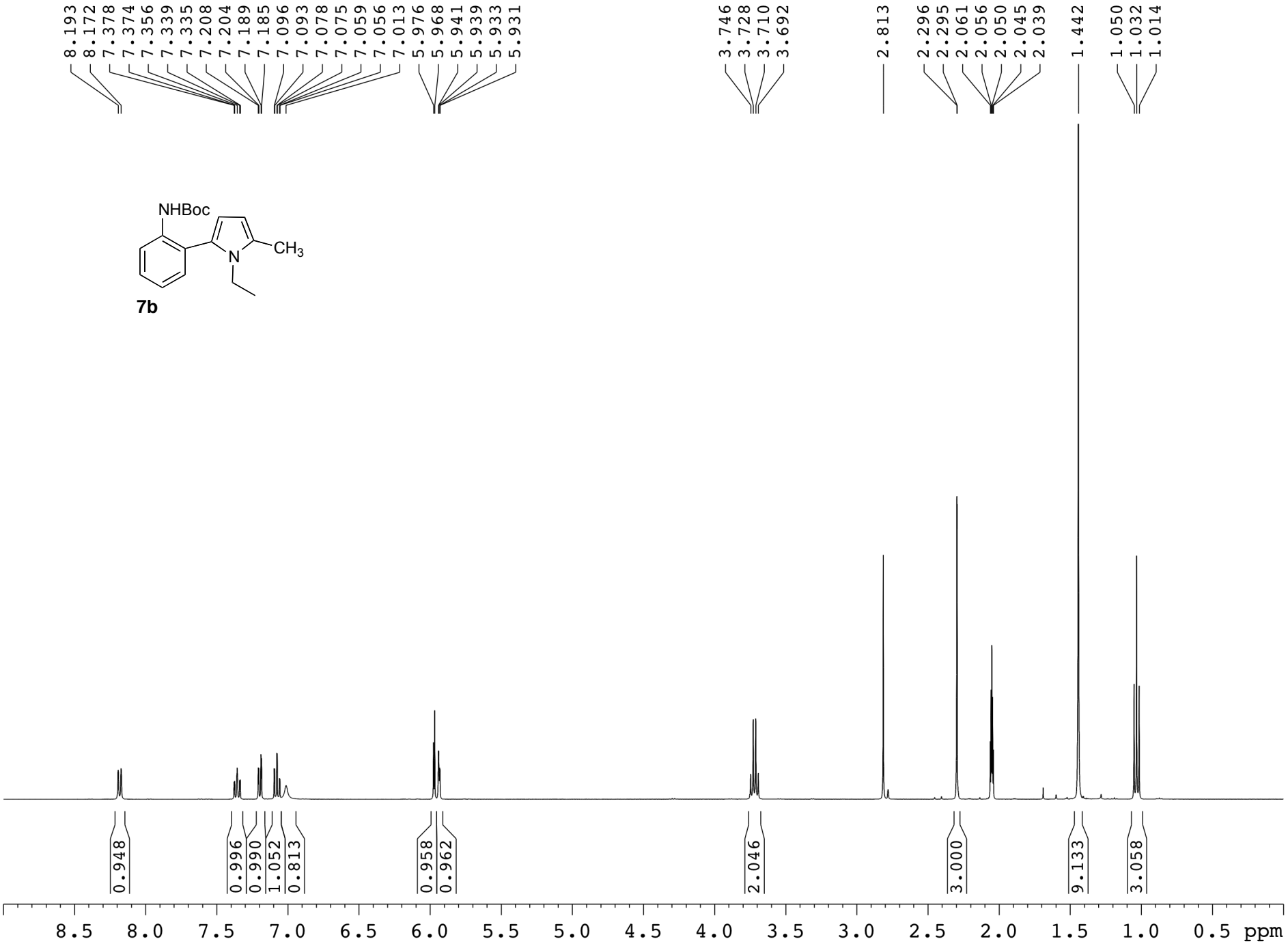
Carbon NMR spectrum for **7a**

13C NMR,100 MHz, acetone-d6



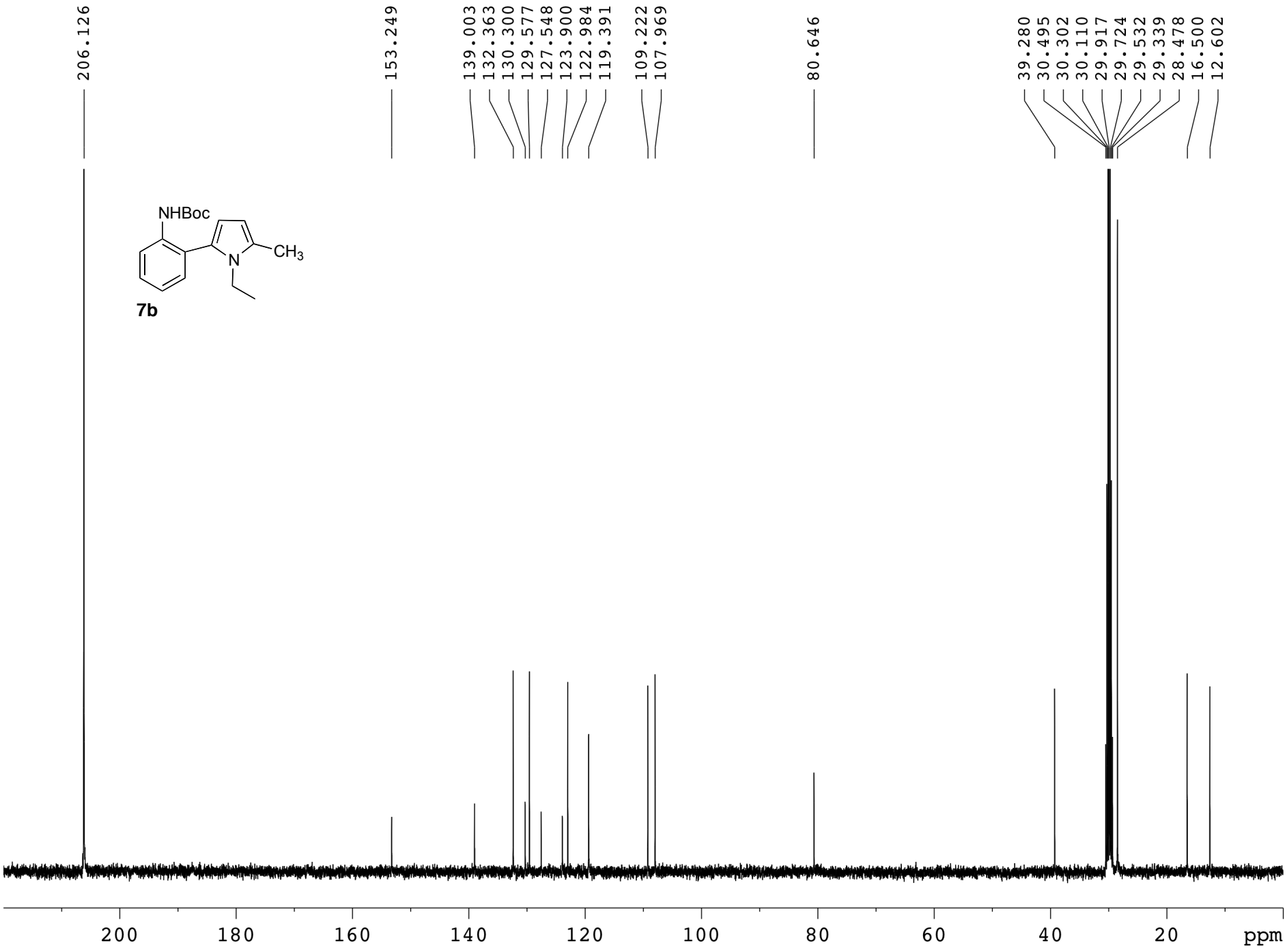
Proton NMR spectrum for **7b**

1H NMR, 400 MHz, acetone-d6

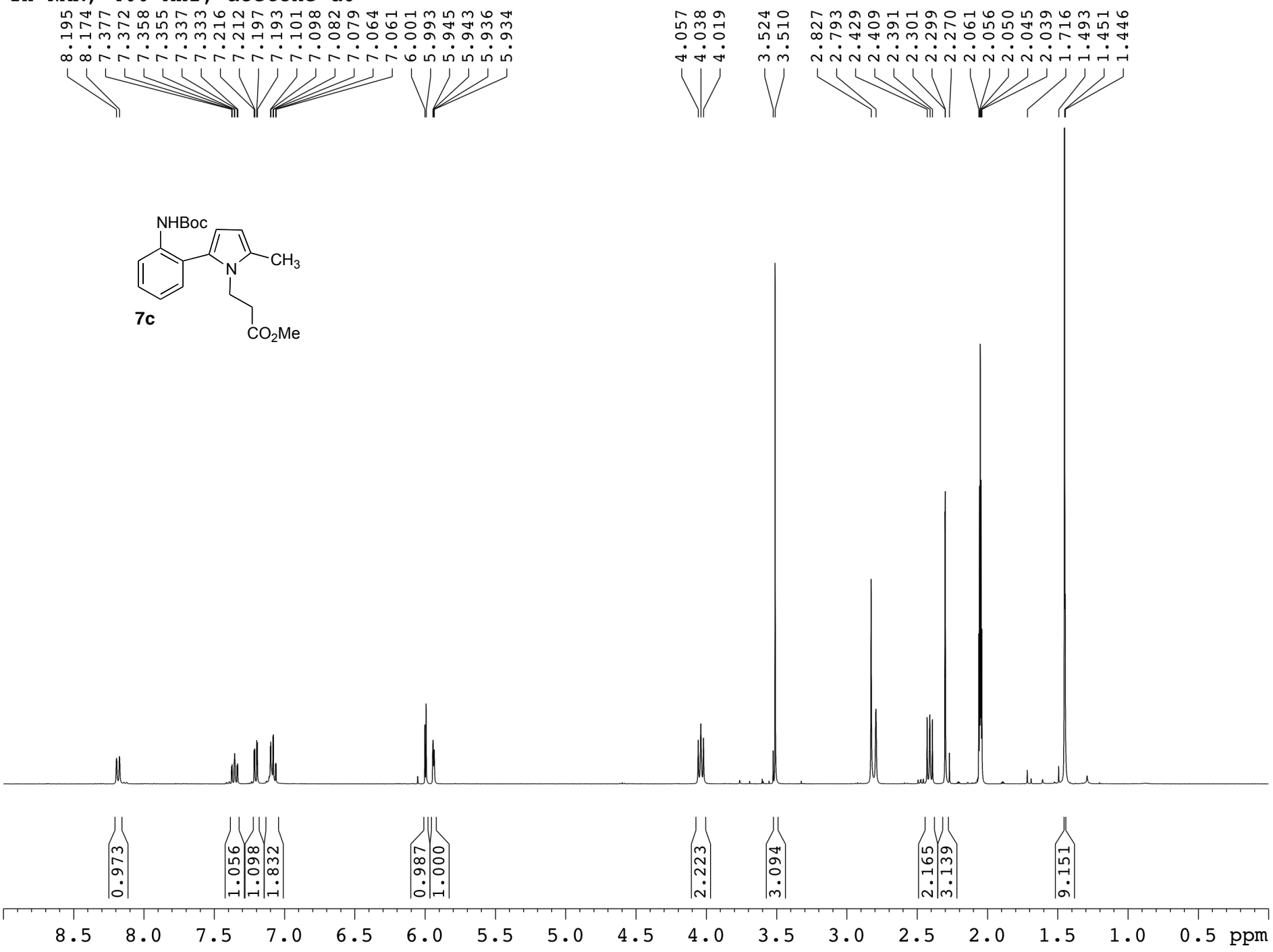


Carbon NMR spectrum for **7b**

13C NMR, 100 MHz, acetone-d6

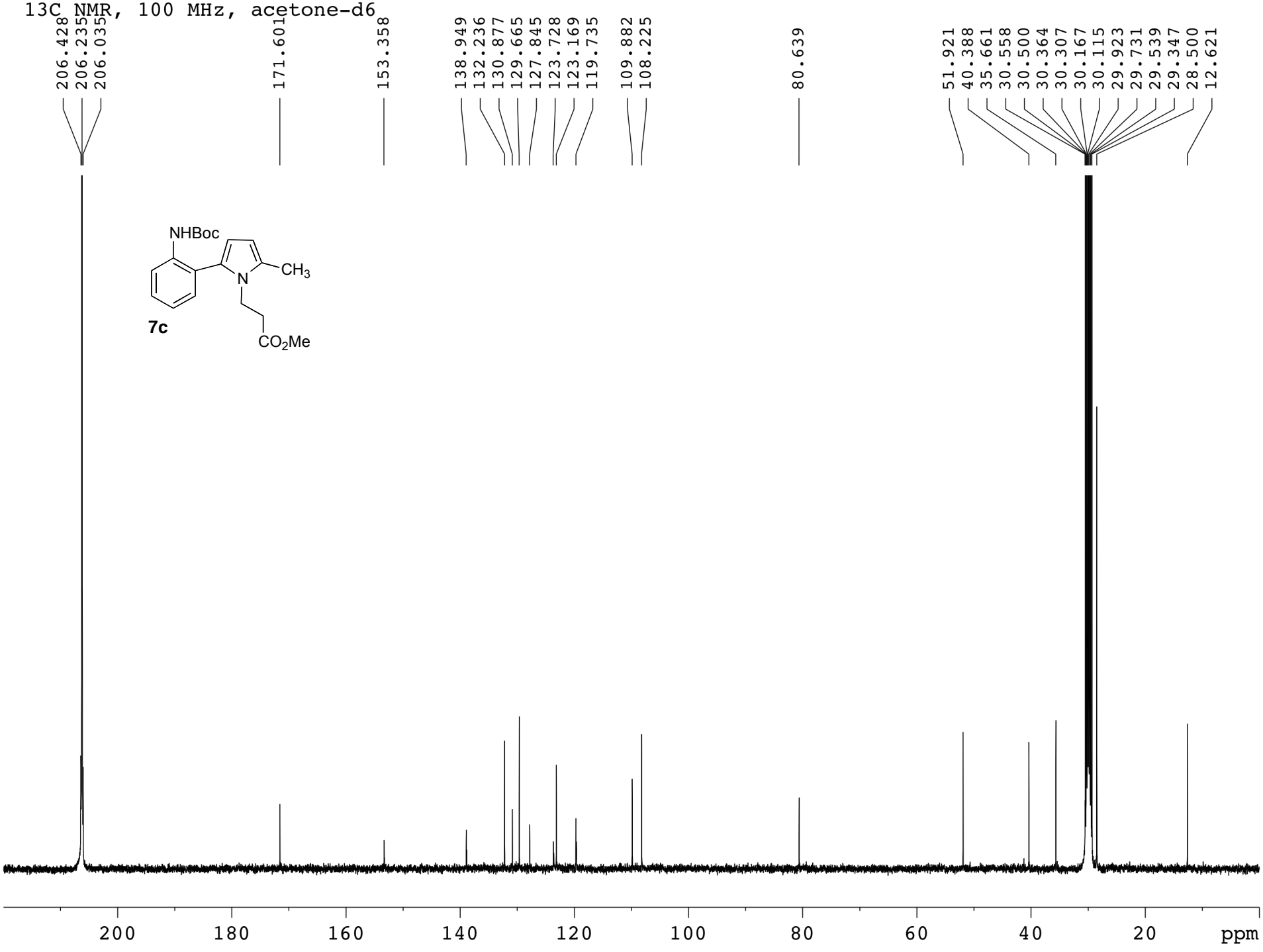


Proton NMR spectrum for **7c**



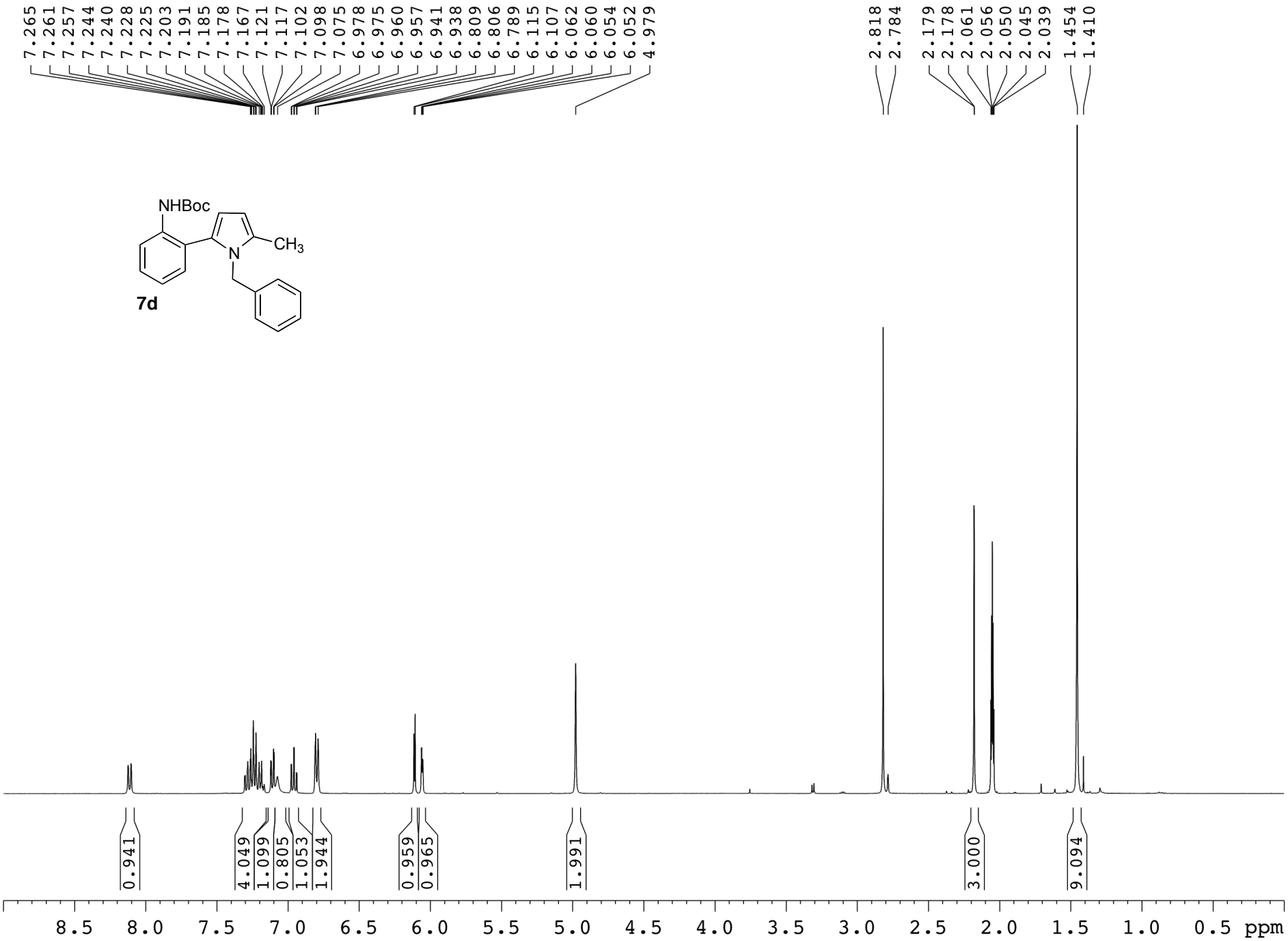
Carbon NMR spectrum for **7c**

13C NMR, 100 MHz, acetone-d6



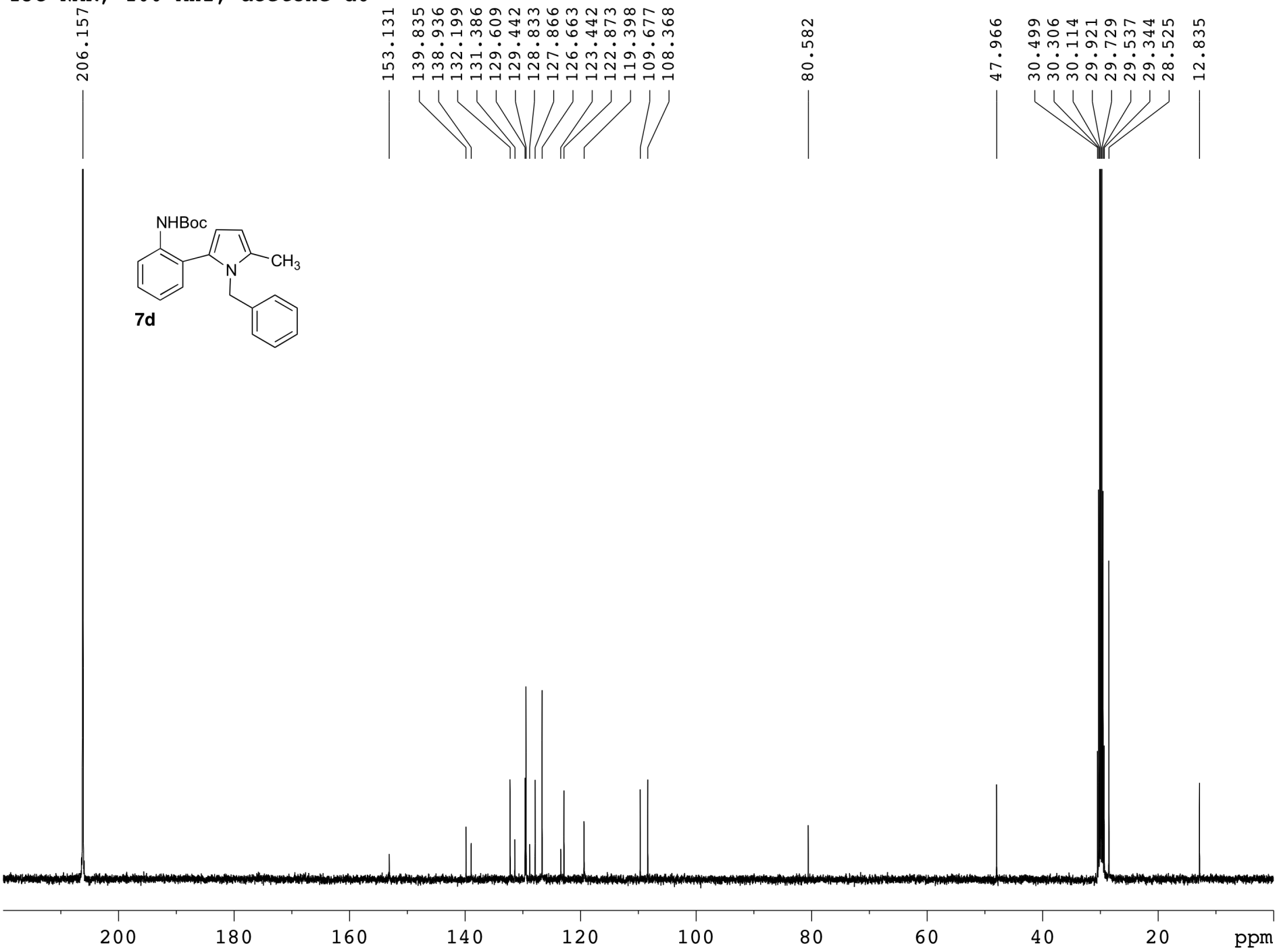
Proton NMR spectrum for **7d**

1H NMR, 400 MHz, acetone-d6



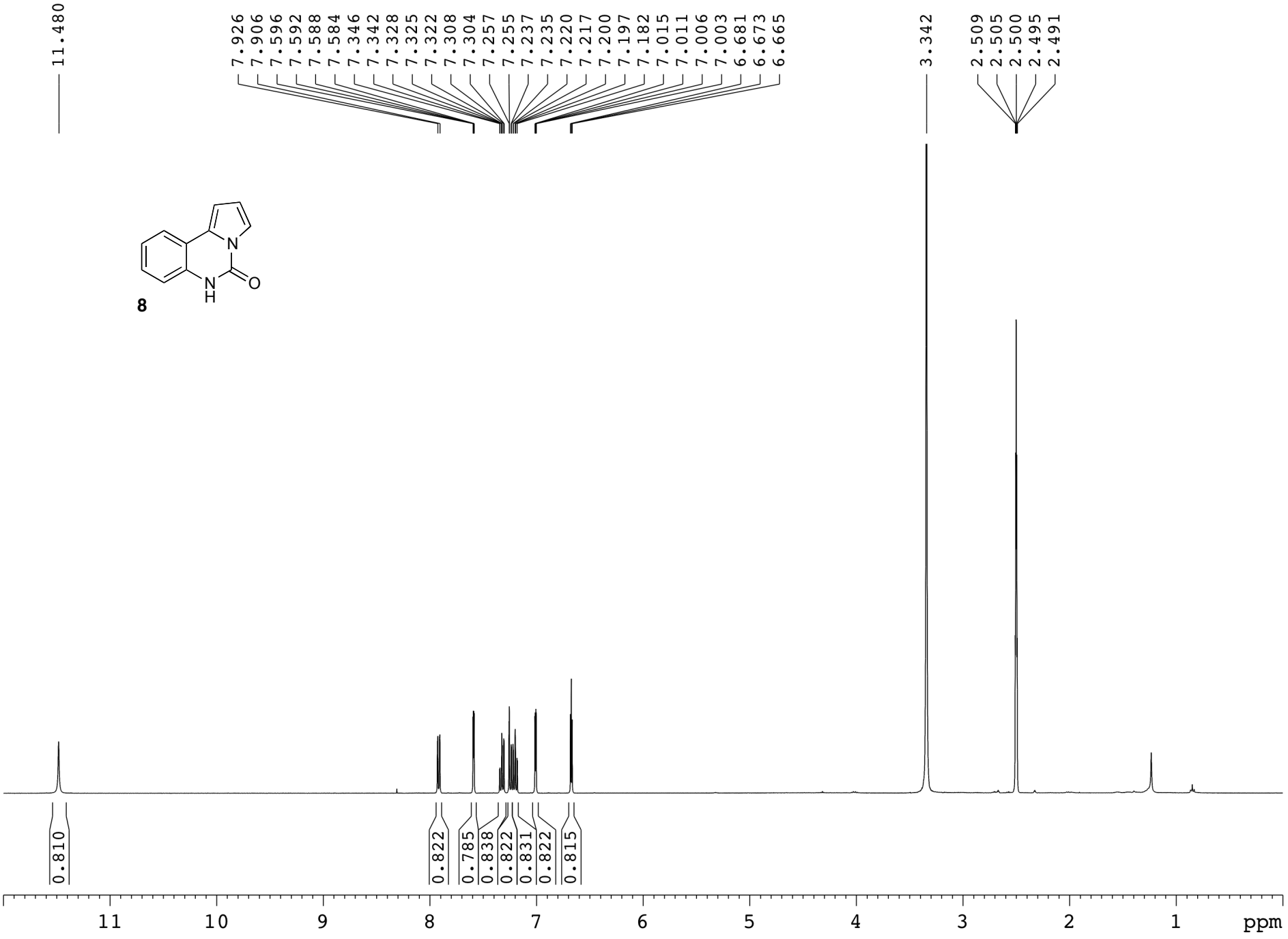
Carbon NMR spectrum for **7d**

13C NMR, 100 MHz, acetone-d6

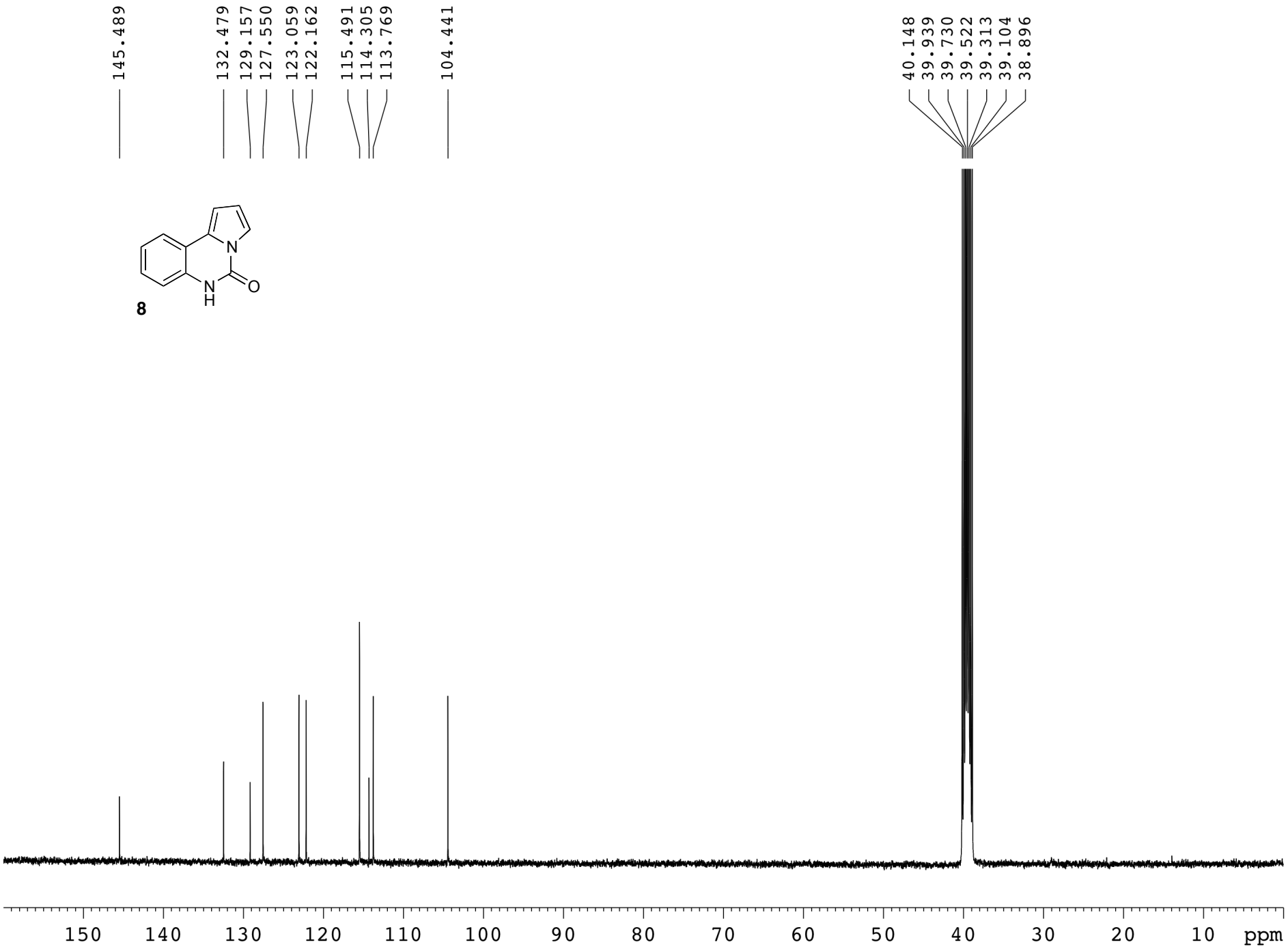


Proton NMR spectrum for **8**

1H NMR, 400 MHz, dmso-d6



Carbon NMR spectrum for **8**



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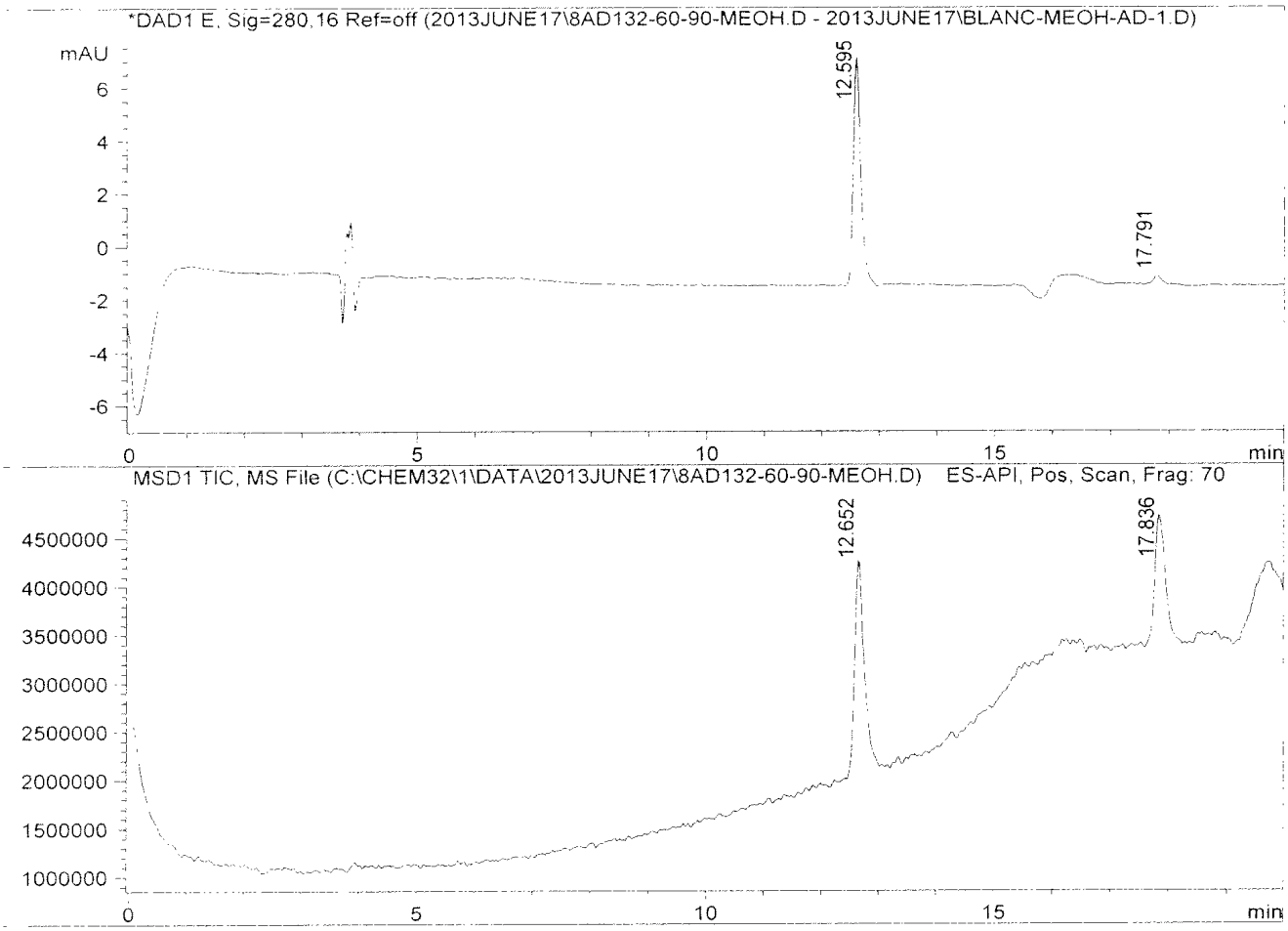
Acq method: C:\CHEM32\1\METHODS\LC_60_90_20MN_MEOH_



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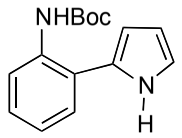


6a

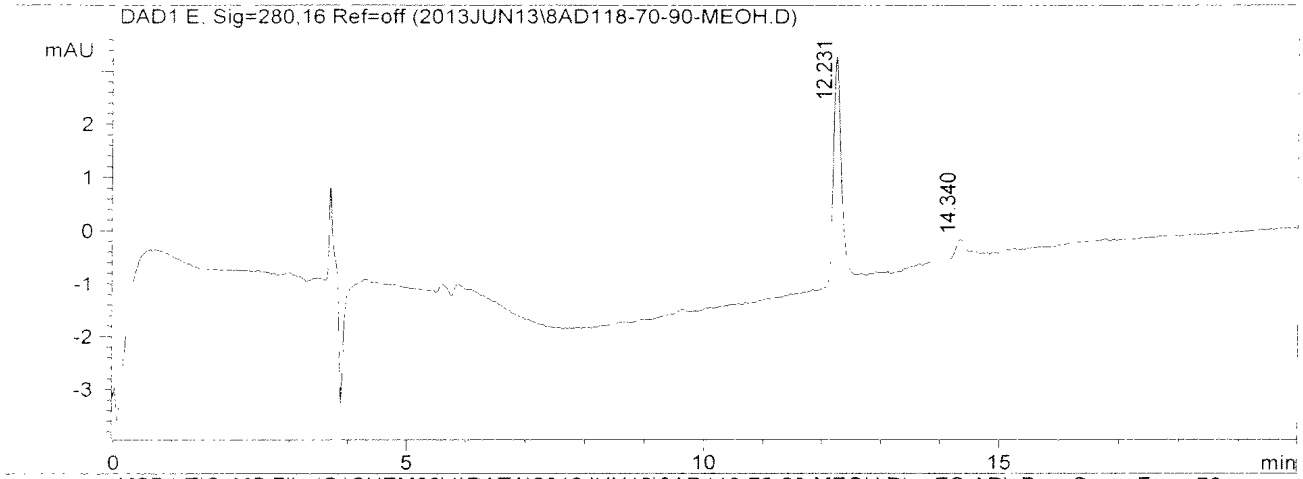
MSD1 TIC, MS File

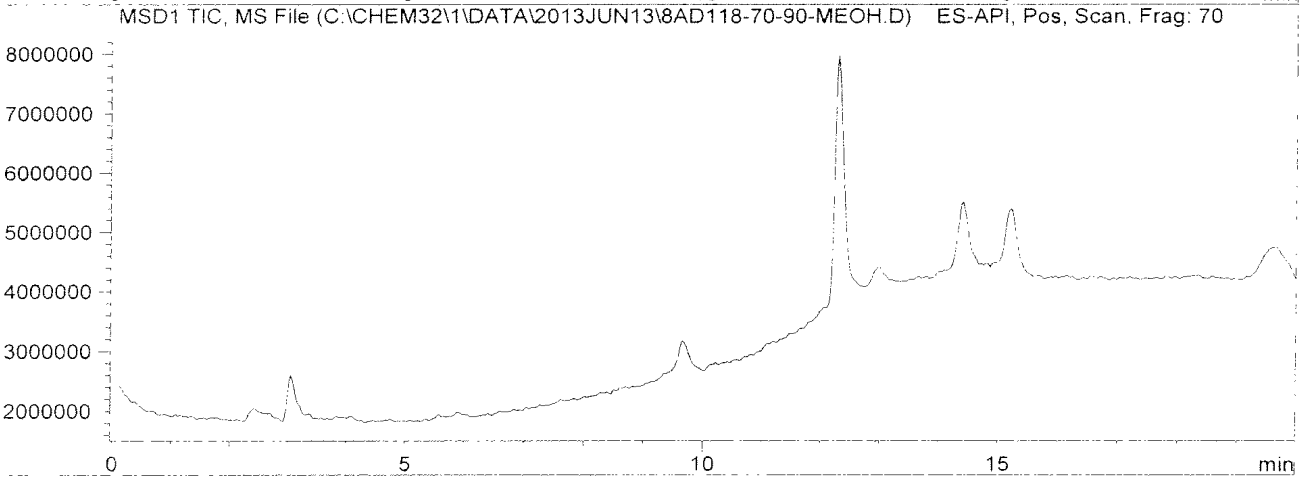
Ret. Time	Height	Area	Area %
12.652	2.241e6	2.635e7	62.321
17.836	1.327e6	1.593e7	37.679

Reverse-phase HPLC profile of **6a** at 280 nM

Reverse-phase HPLC profile of **6b** at 280 nM

Data File name: C:\CHEM32\1\DATA\2013JUN13\8AD118-70-90-MEOH.D
Date:13 June 2013 120
Acq method: C:\CHEM32\1\METHODS\LC_70_90_7MIN_20MN_





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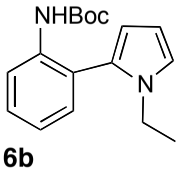
MSD1 TIC, MS File

Ret. Time	Height	Area	Area %



6b

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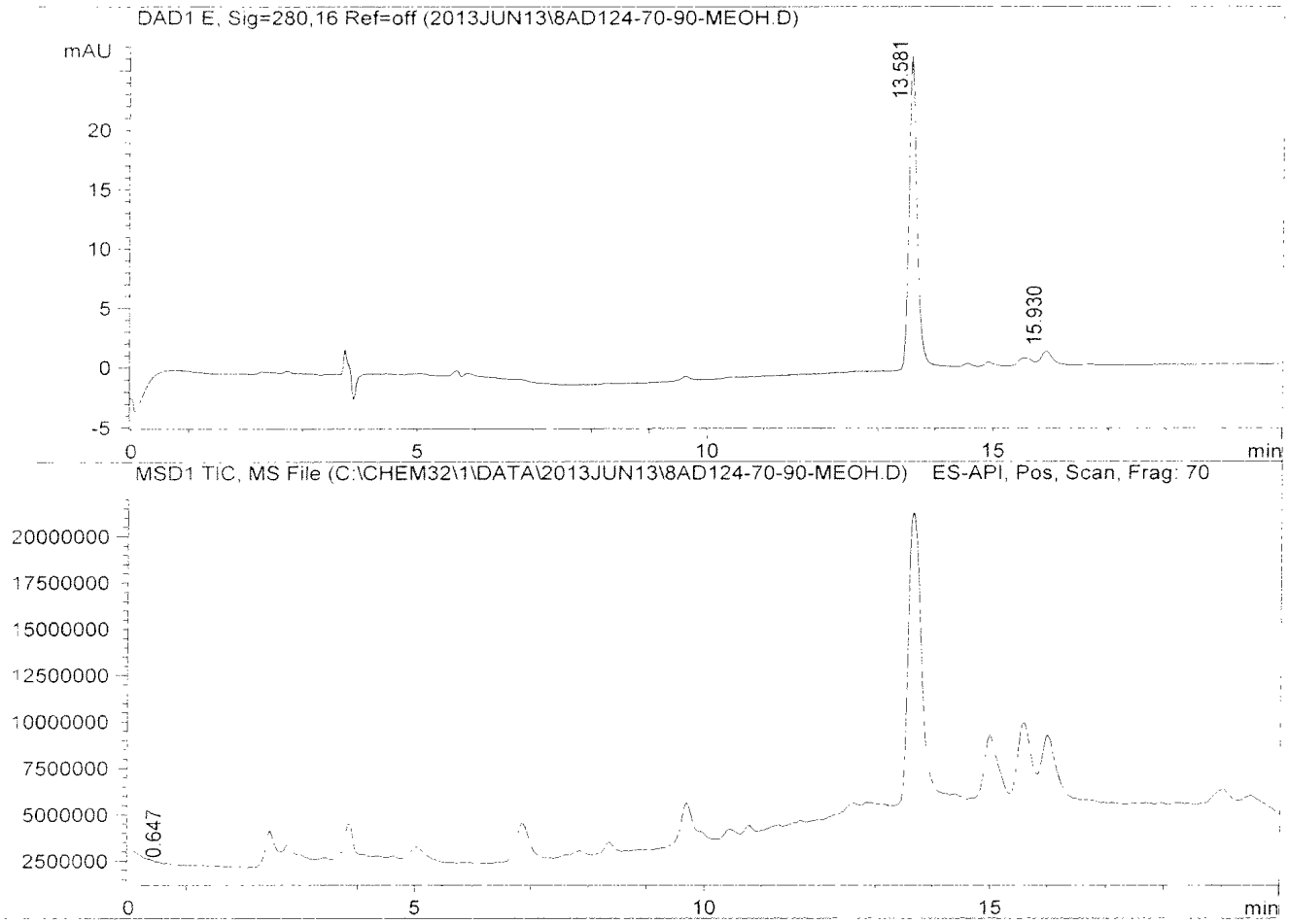

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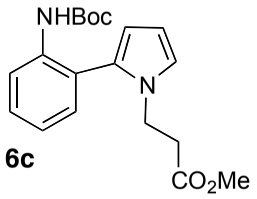

6c

MSD1 TIC, MS File

Ret. Time	Height	Area	Area %
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Reverse-phase HPLC profile of **6d** at 280 nM

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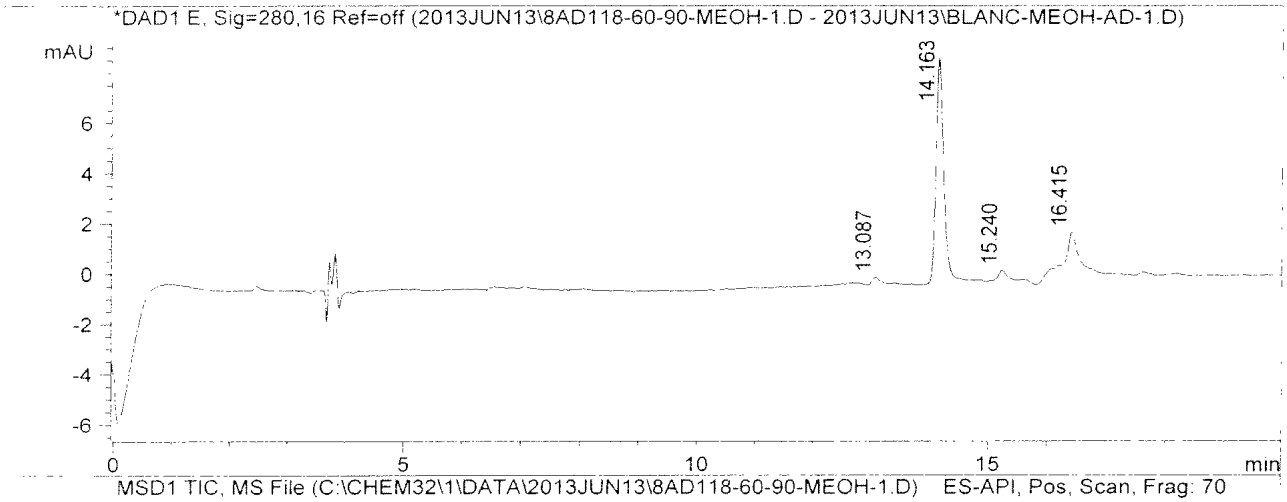

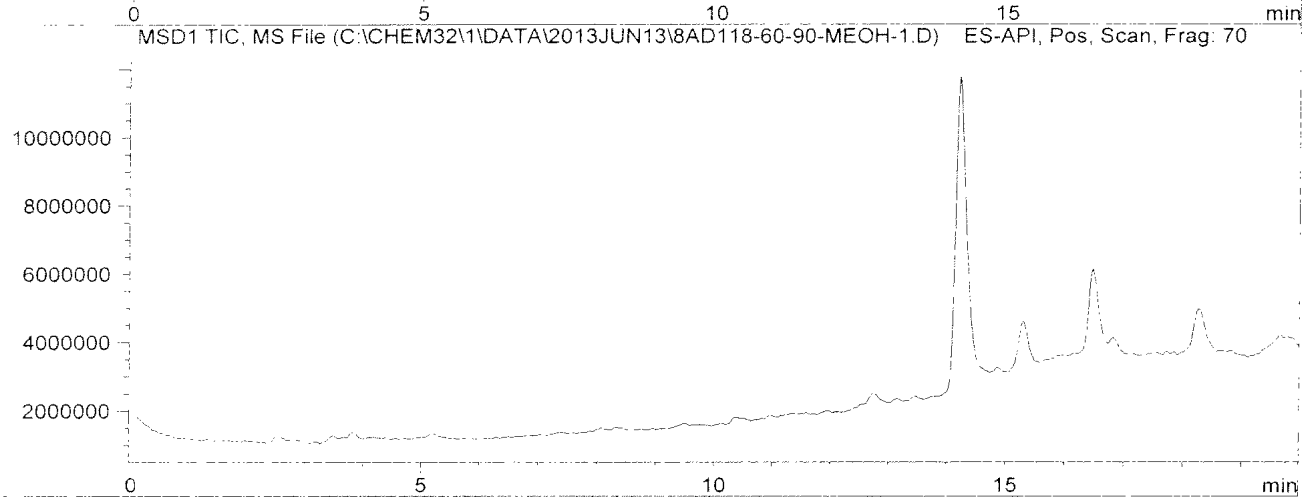

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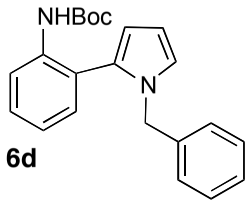
14.163	8.994	82.200	77.771
15.240	0.489	5.392	5.102
16.415	1.361	13.006	12.305

MSD1 TIC, MS File

Ret. Time	Height	Area	Area %



6d

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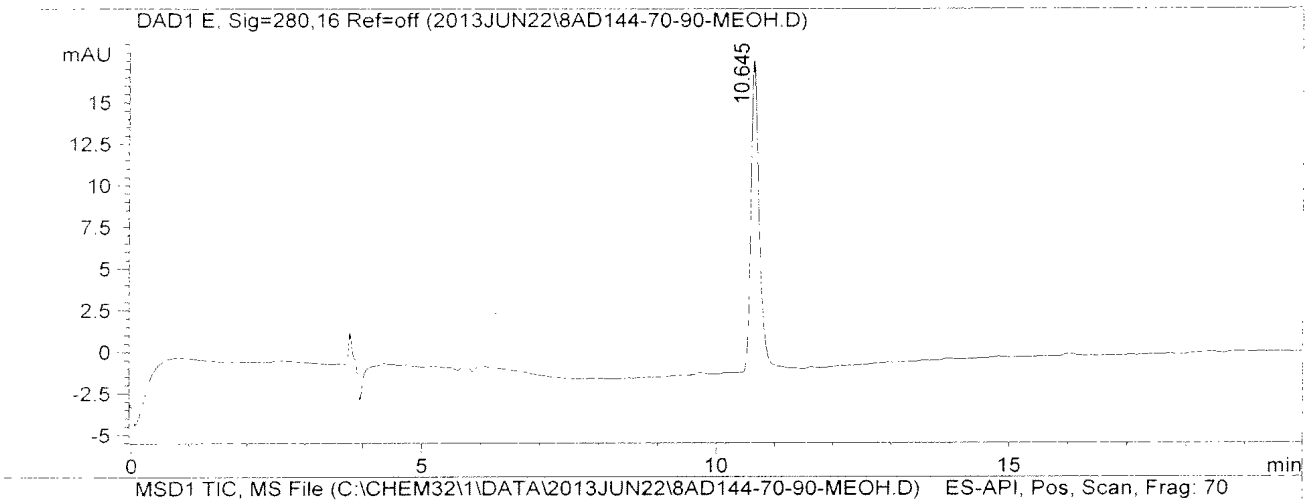

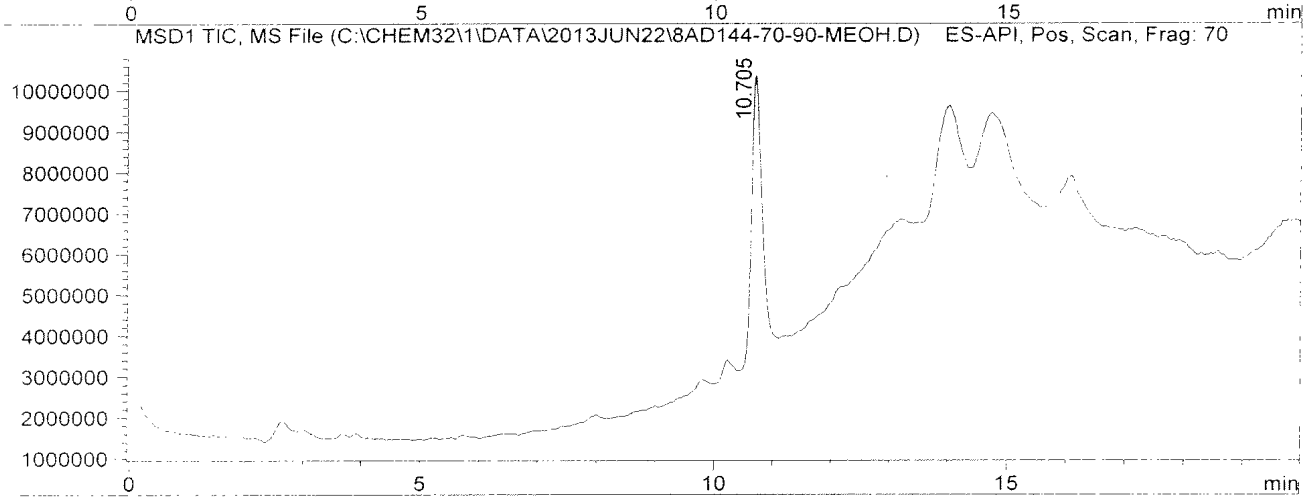

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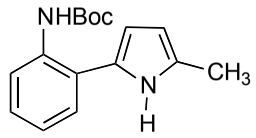

7a

MSD1 TIC, MS File

Ret. Time	Height	Area	Area %
10.705	7.043e6	8.783e7	100.000

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Date:20 June 2013
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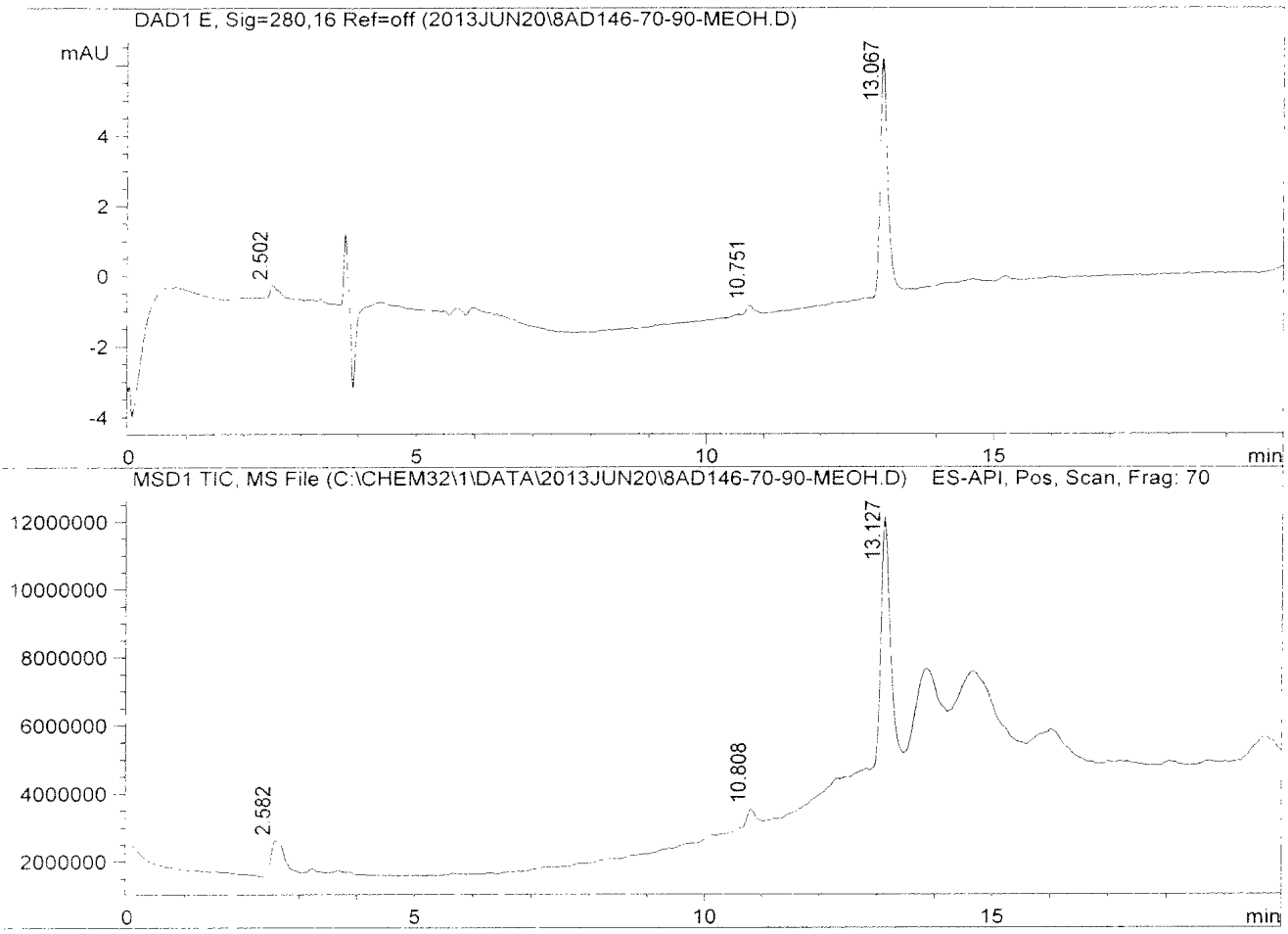

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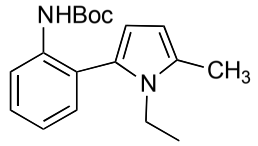

7b

MSD1 TIC, MS File

Ret. Time	Height	Area	Area %
2.582	1.056e6	1.665e7	16.123
10.808	500422.281	4.675e6	4.526
13.127	7.321e6	8.196e7	79.351

Reverse-phase HPLC profile of **7b** at 280 nM

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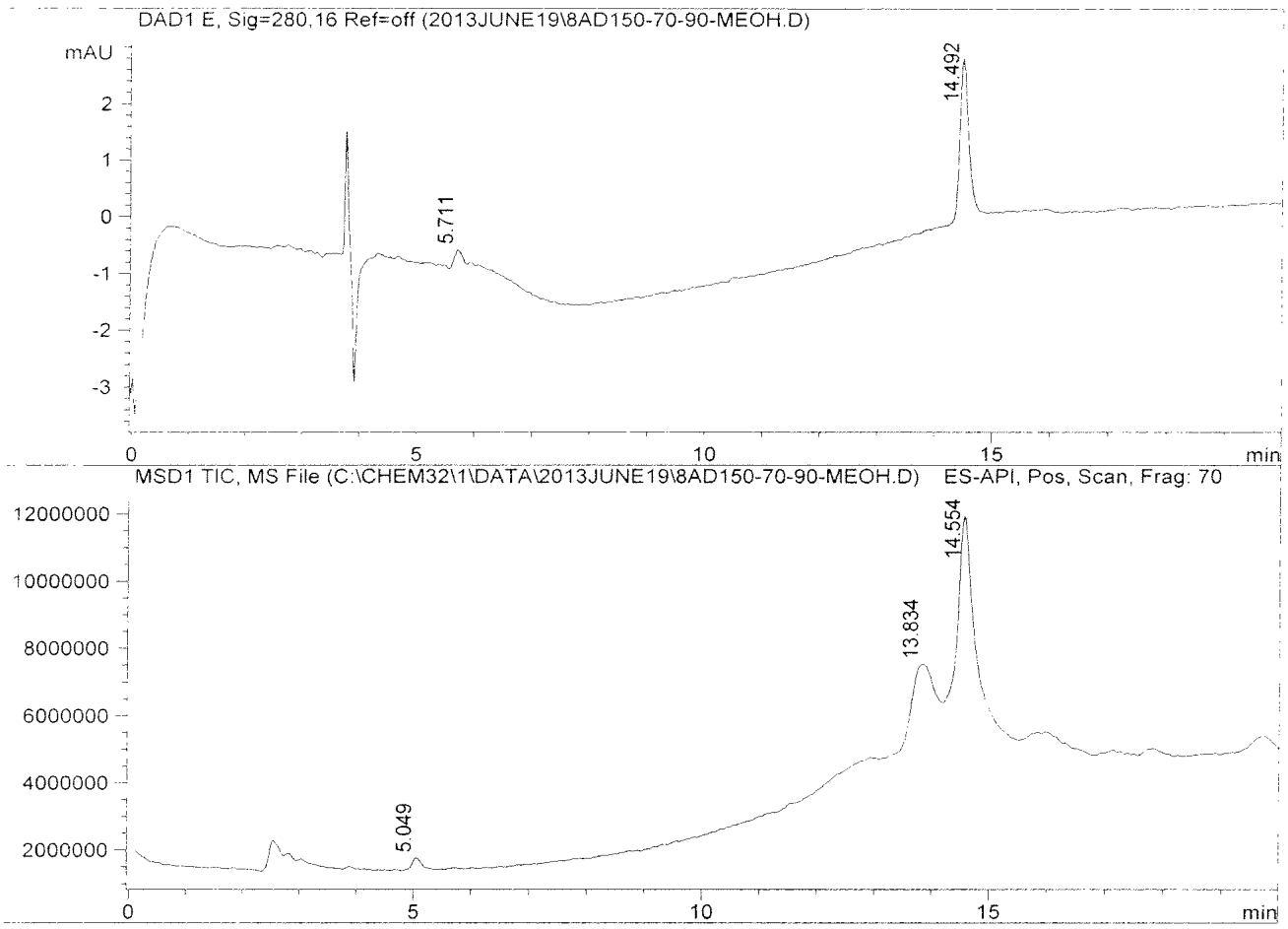

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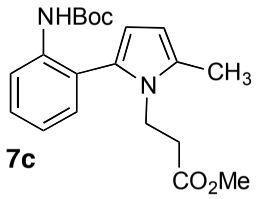

7c

MSD1 TIC, MS File

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5.049	416412.281	4.931e6	1.853
13.834	2.730e6	8.559e7	32.169
14.554	7.135e6	1.755e8	65.978

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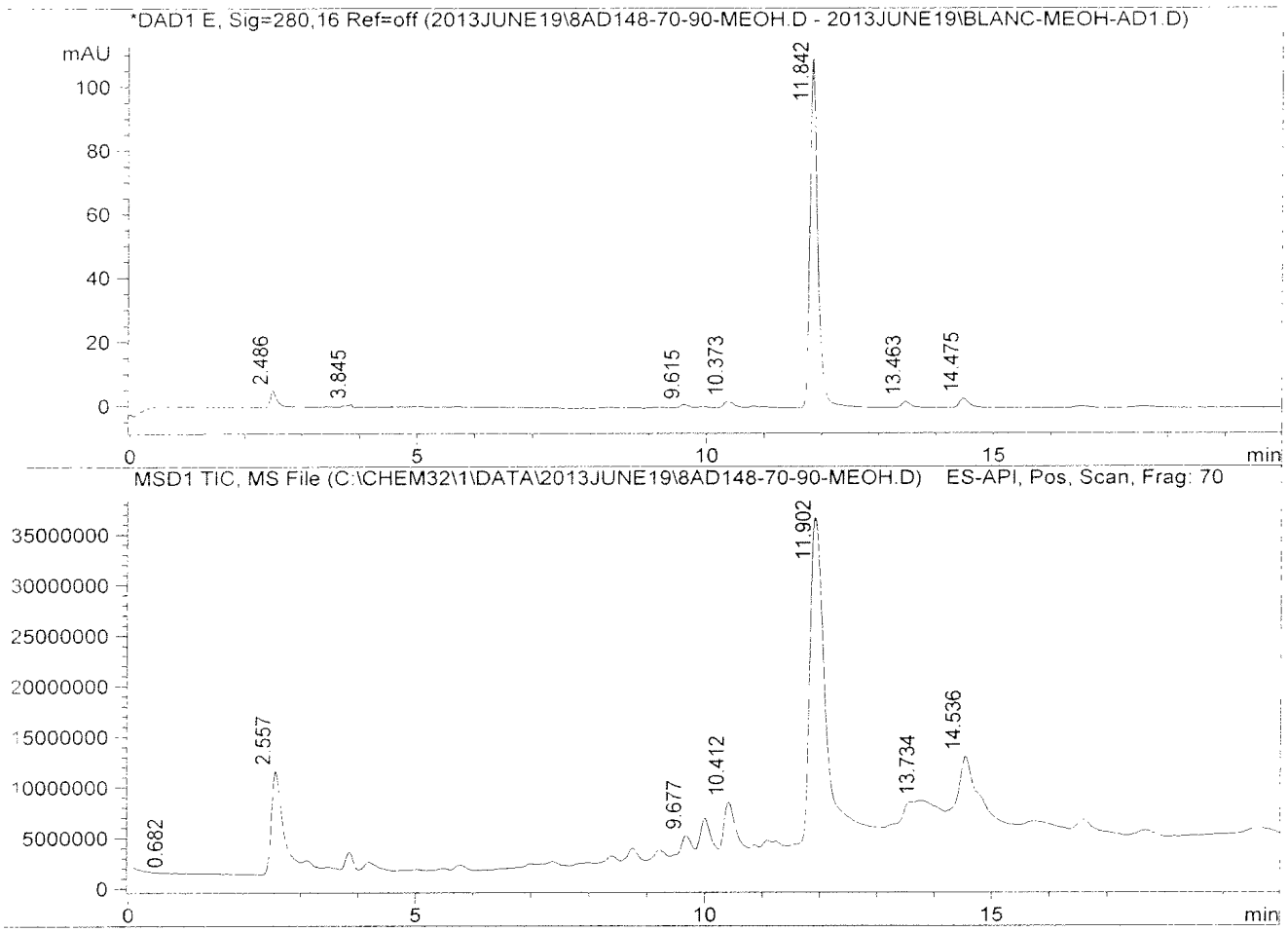

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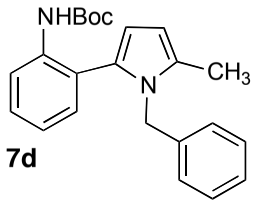
9.615	1.027	9.613	0.806
10.373	1.980	23.674	1.986
11.842	110.250	1057.239	88.694
13.463	1.992	19.902	1.670
14.475	3.010	34.902	2.928

MSD1 TIC, MS File

Ret. Time	Height	Area	Area %
0.682	17151.857	79538.266	0.008
2.557	9.898e6	1.252e8	13.271
9.677	1.842e6	1.919e7	2.034
9.998	3.278e6	3.686e7	3.907
10.412	4.896e6	6.624e7	7.020
11.902	3.164e7	5.356e8	56.761
13.734	1.767e6	5.436e7	5.761
14.536	5.697e6	1.060e8	11.239



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