

Electronic Supplementary Information

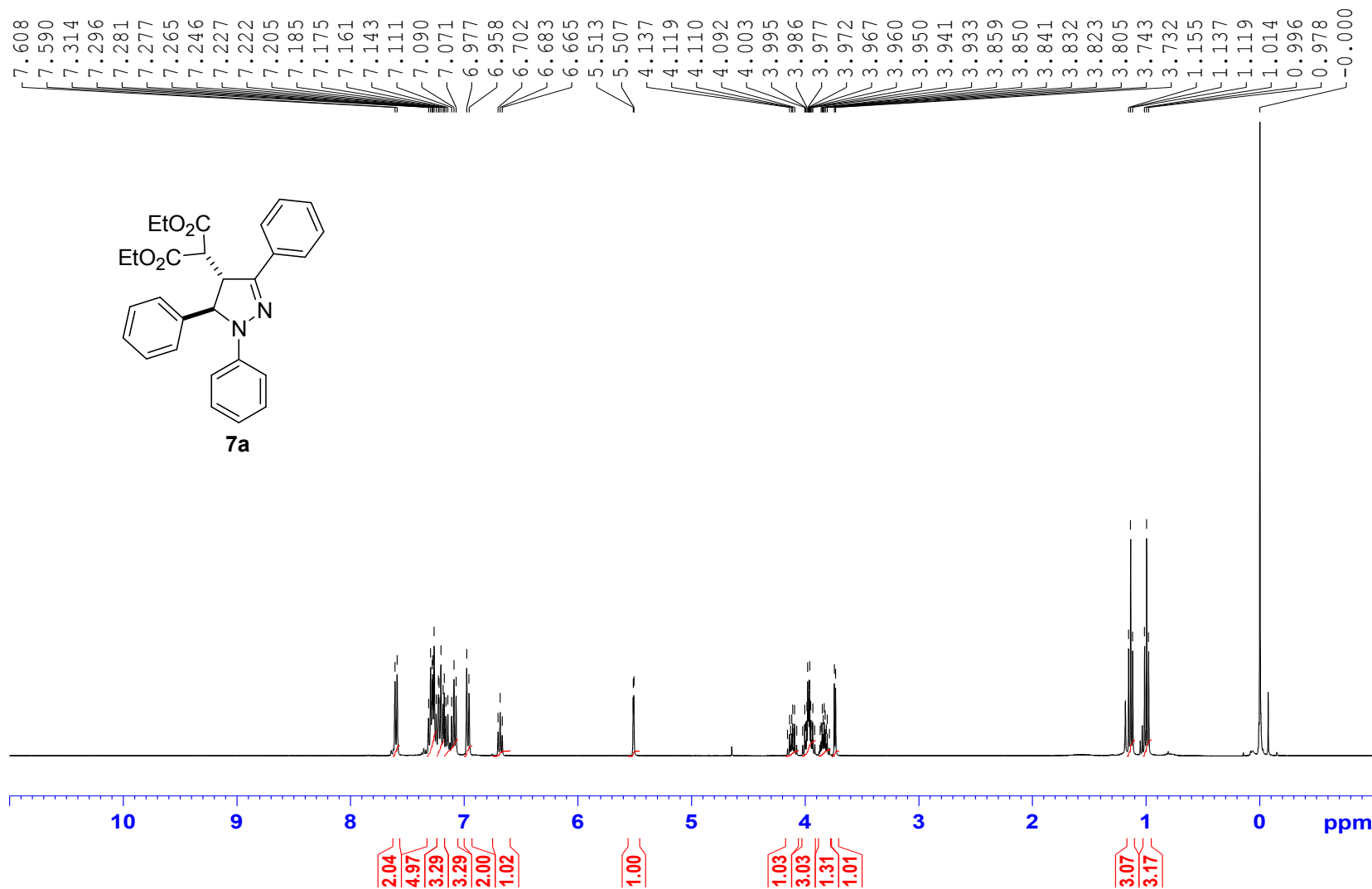
Nucleophilic Ring-Opening Reactions of *trans*-2-Aroyl-3-Aryl-Cyclopropane-1,1-Dicarboxylates with Hydrazines

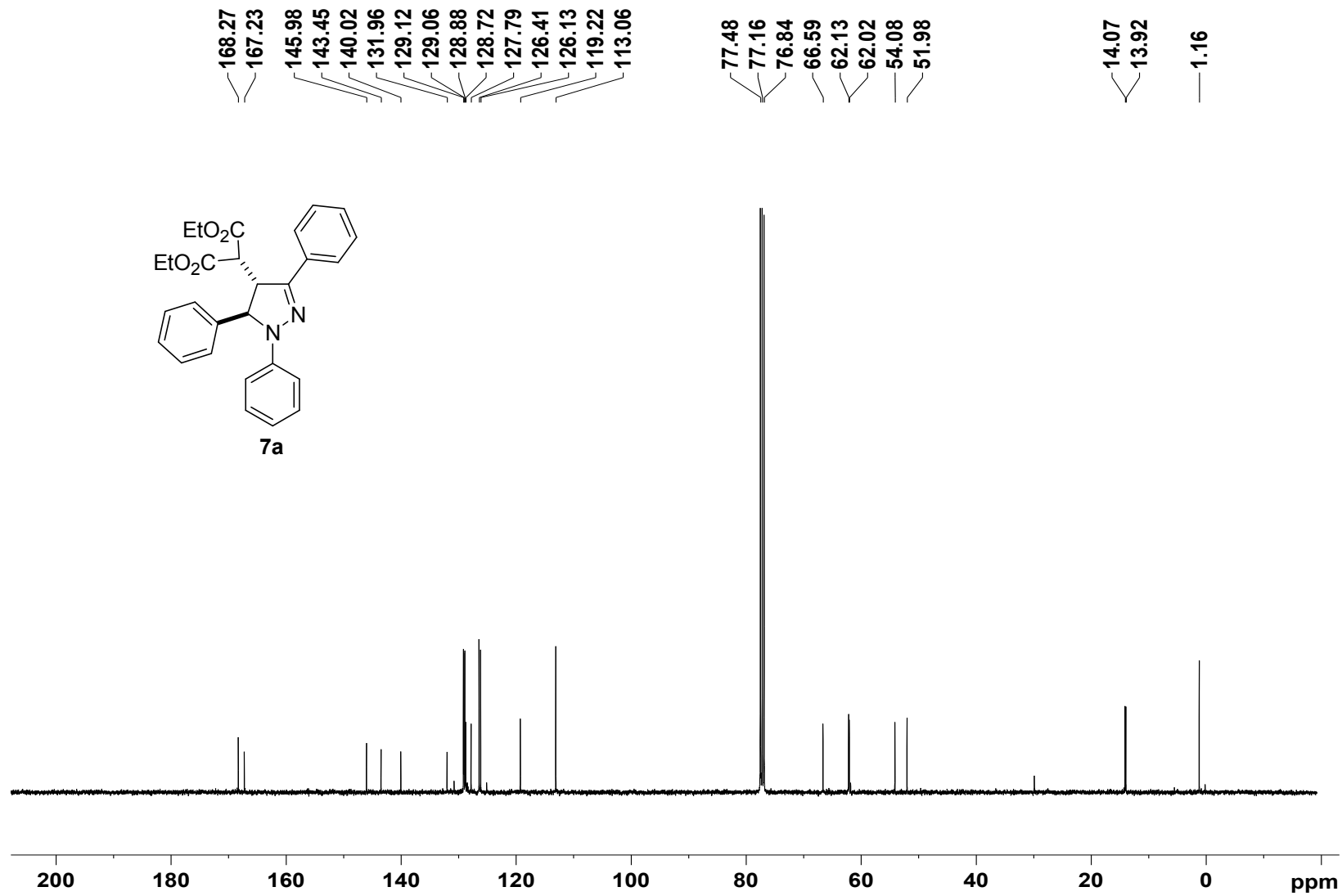
Gopal Sathishkannan, V. John Tamilarasan and Kannupal Srinivasan*

School of Chemistry, Bharathidasan University, Tiruchirappalli-620 024, Tamil Nadu, India

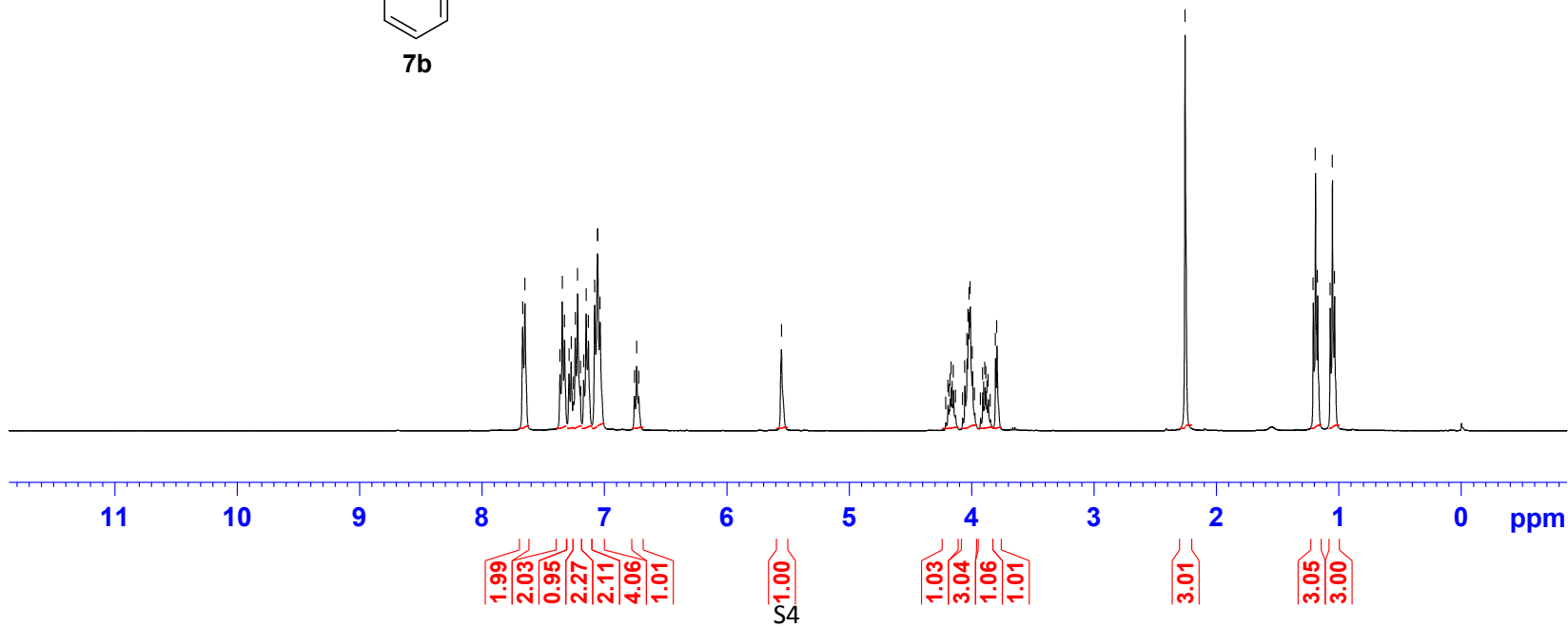
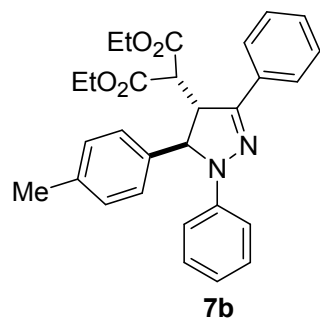
Copies of ^1H NMR and ^{13}C NMR spectraS2-S51

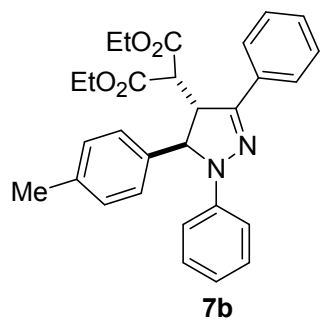
COPIES OF ¹H NMR AND ¹³C NMR SPECTRA





7.668
7.649
7.362
7.344
7.325
7.289
7.271
7.253
7.238
7.218
7.195
7.169
7.148
7.130
7.079
7.056
7.055
7.035
6.754
6.736
6.718
5.553
4.194
4.185
4.177
4.168
4.159
4.150
4.132
4.074
4.056
4.038
4.029
4.026
4.020
4.012
3.994
3.976
3.928
3.910
3.901
3.892
3.883
3.875
3.865
3.806
3.794
2.257
1.210
1.192
1.174
1.071
1.054
1.036

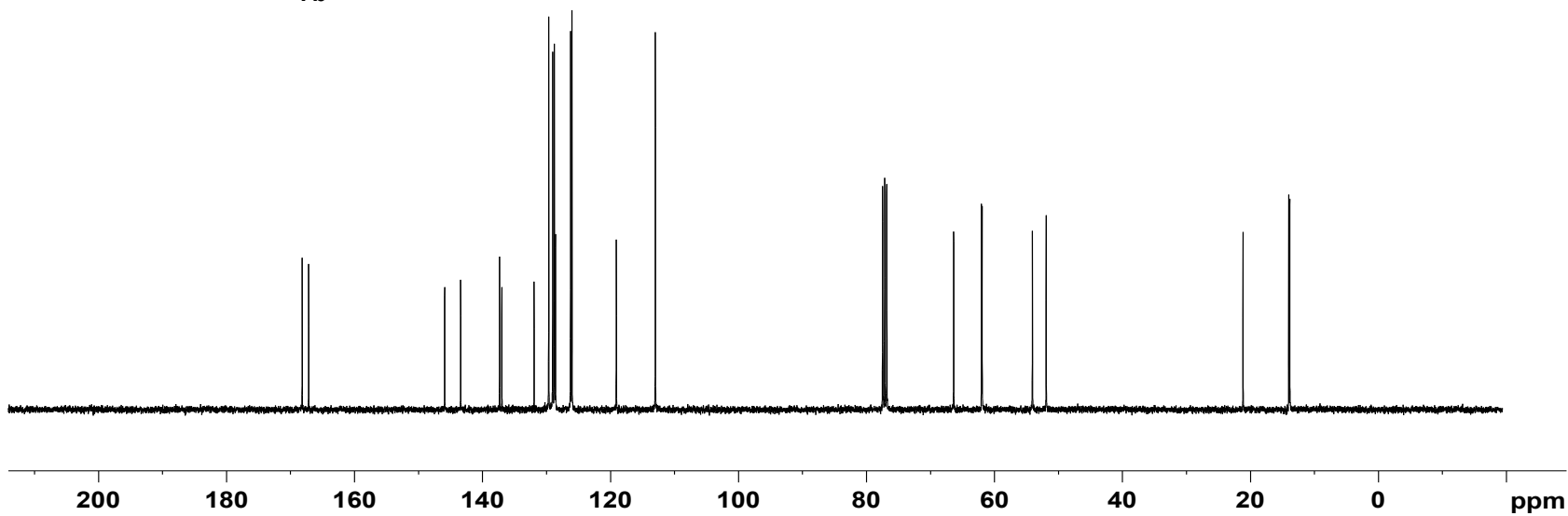


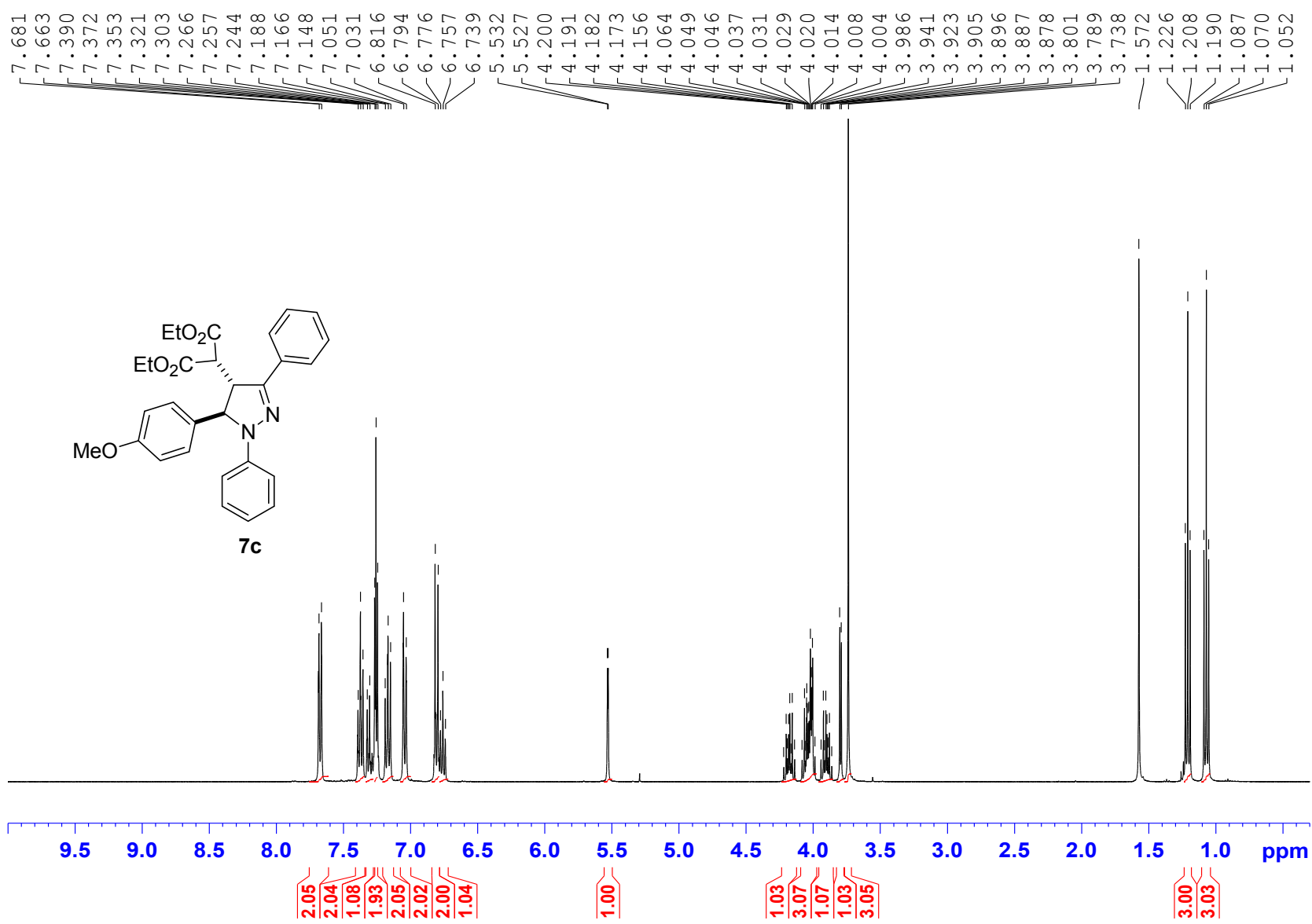


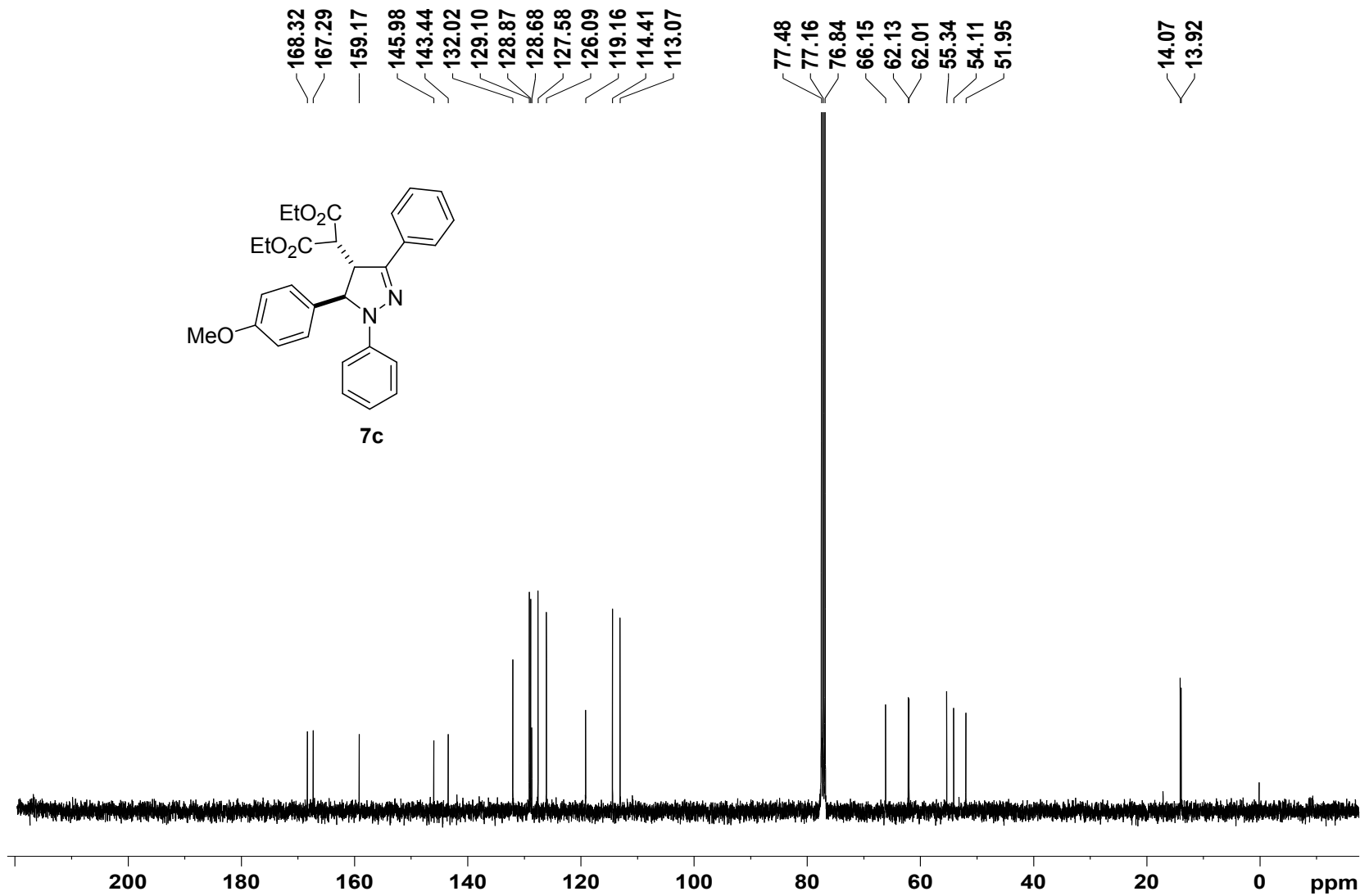
168.20
167.18
145.93
143.43
137.35
137.00
131.95
129.67
129.04
128.80
128.61
126.25
126.03
119.10
113.00

77.48
77.16
76.84
66.37
62.03
61.92
54.07
51.92

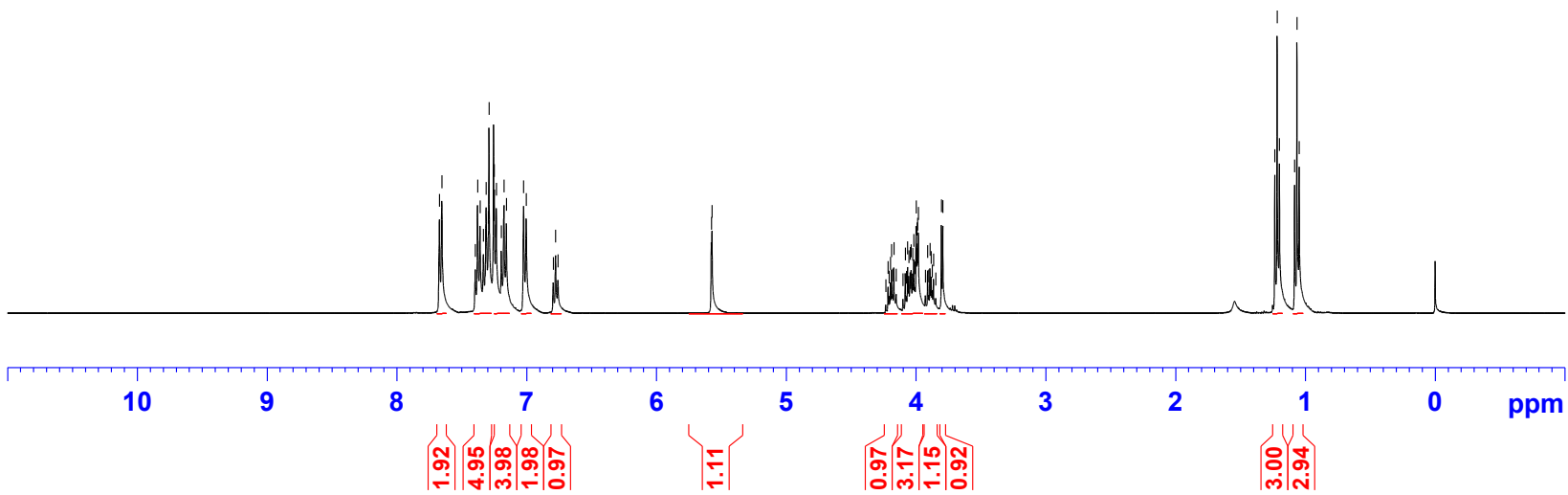
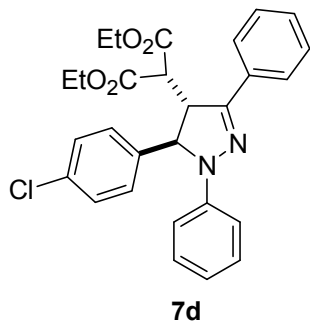
21.16
14.01
13.86

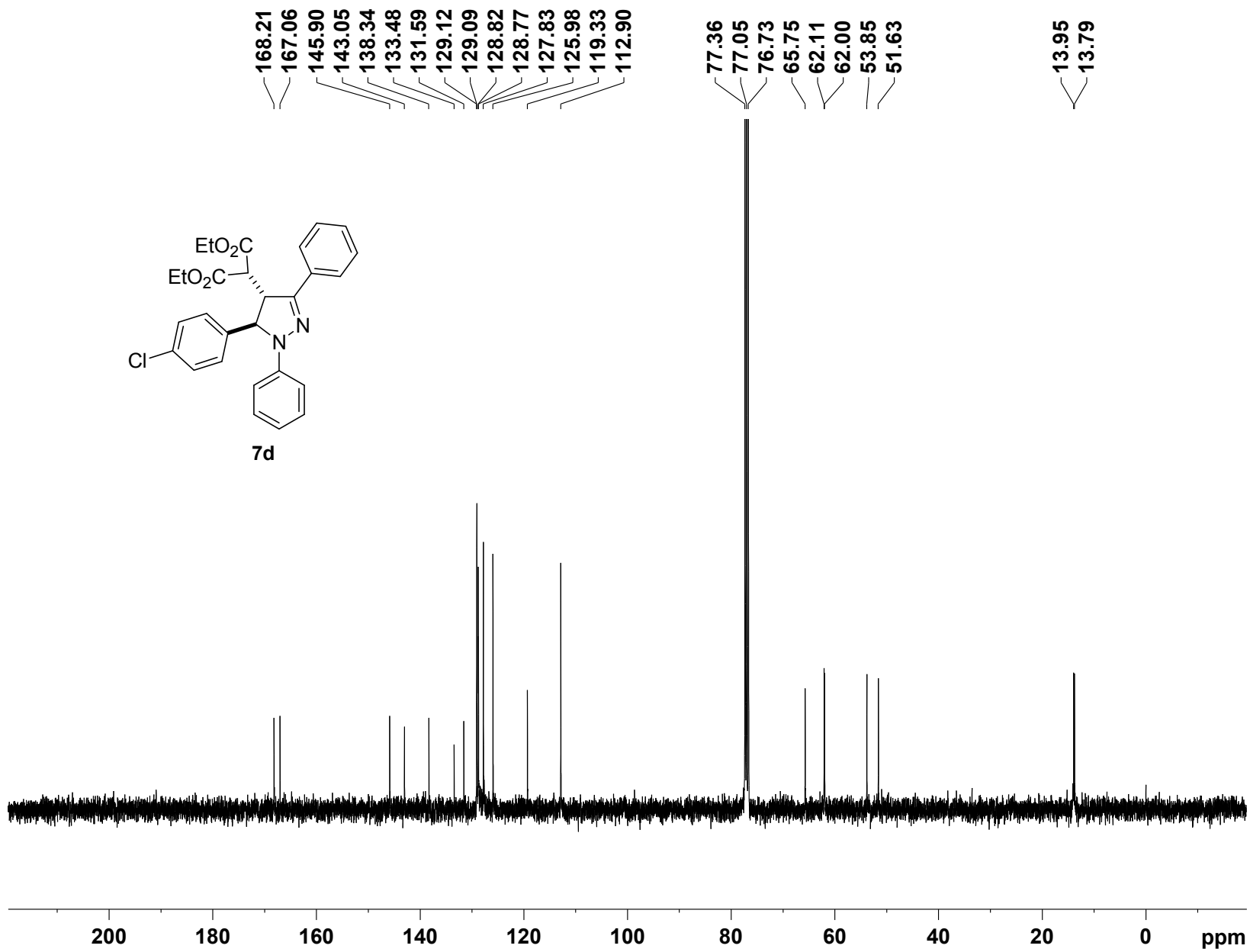
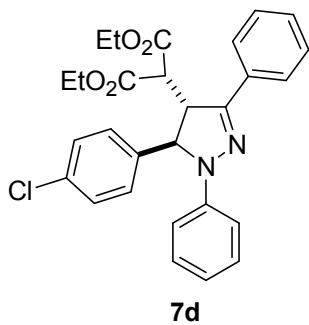


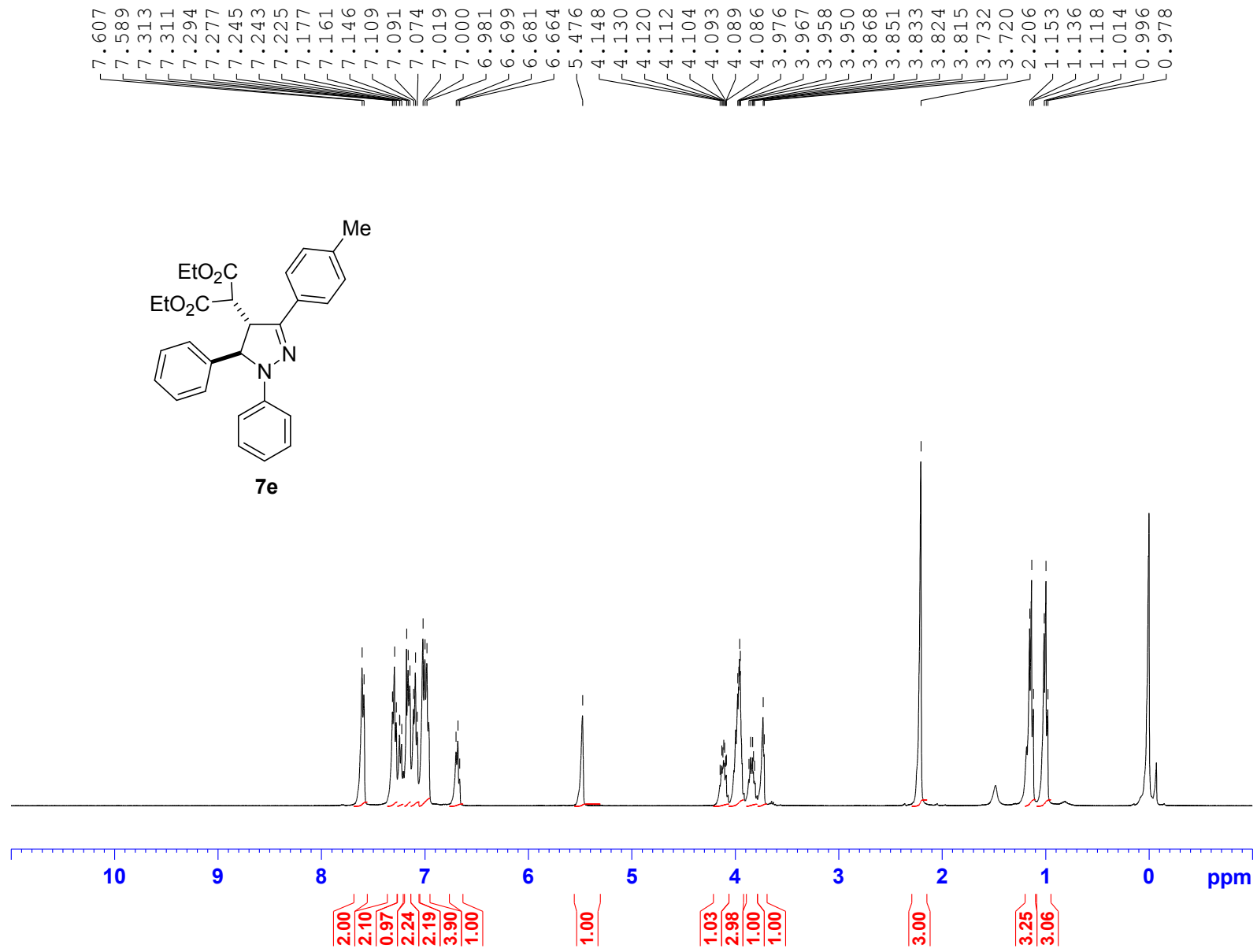


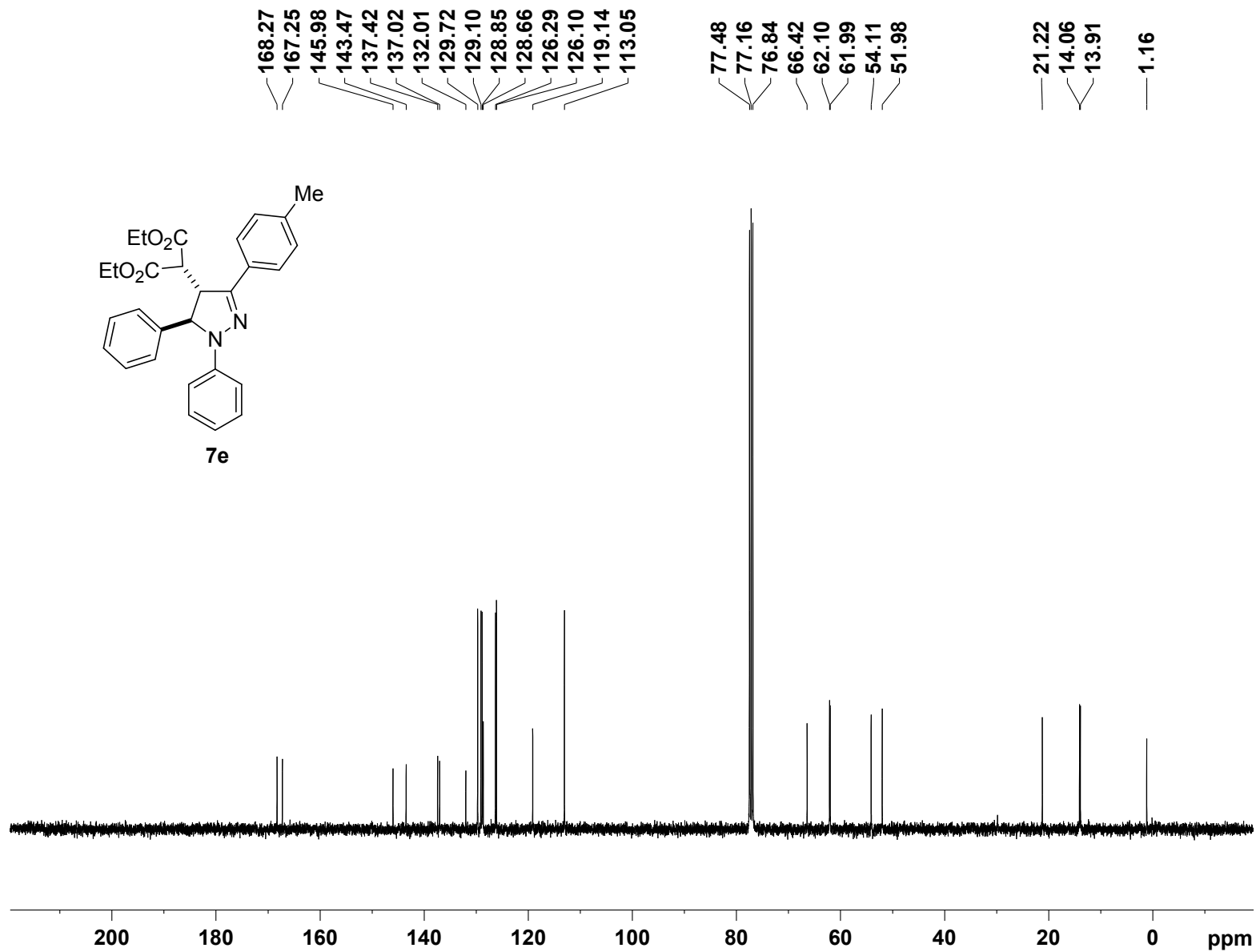


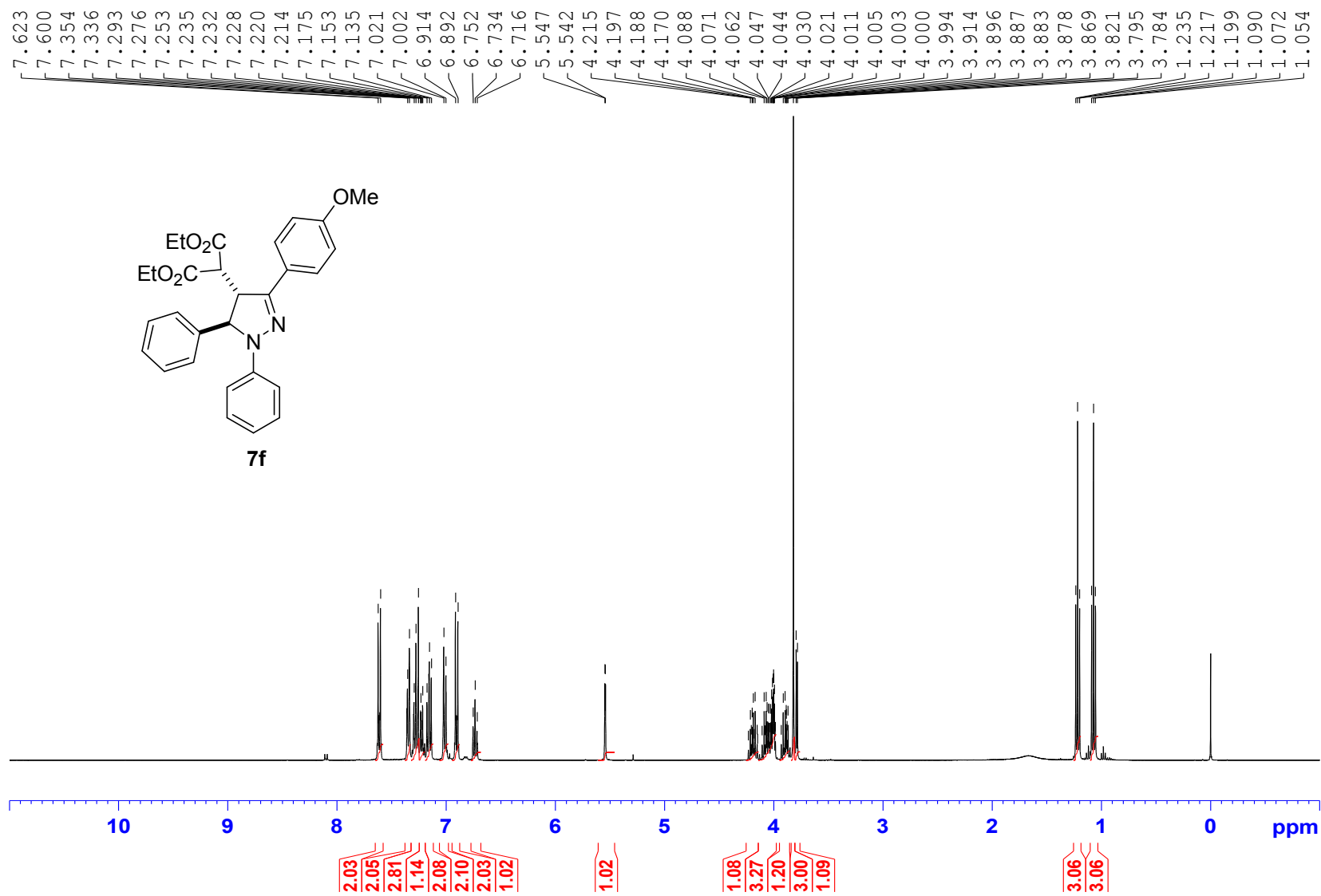
7.672
7.654
7.396
7.378
7.359
7.333
7.312
7.295
7.290
7.249
7.238
7.234
7.196
7.174
7.156
7.023
7.003
6.795
6.777
6.759
5.577
5.572
4.215
4.197
4.188
4.180
4.170
4.153
4.082
4.064
4.056
4.044
4.037
4.026
4.017
4.008
3.999
3.993
3.987
3.982
3.910
3.901
3.892
3.883
3.874
3.865
3.804
3.793
1.235
1.217
1.200
1.083
1.065
1.047

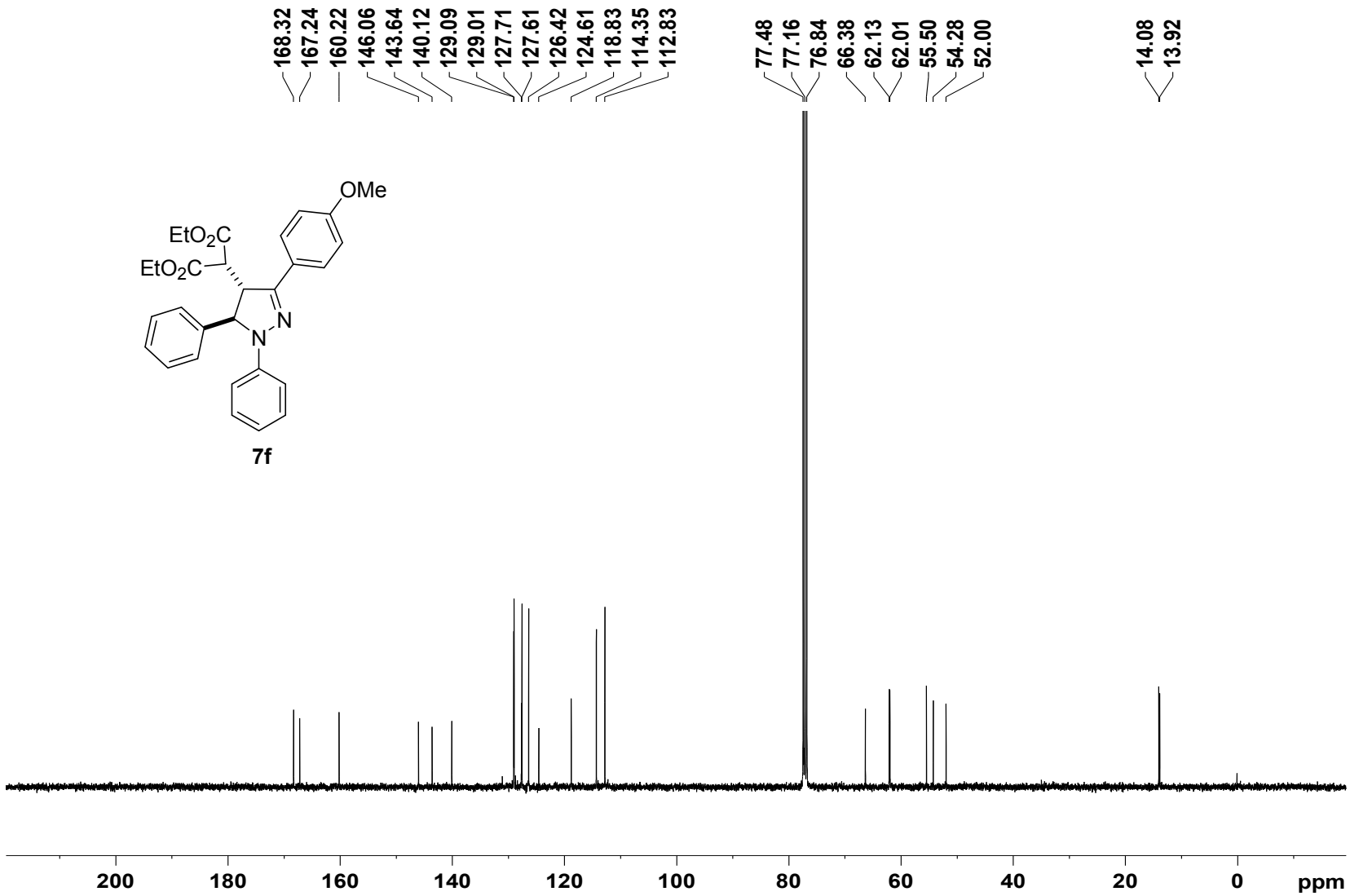




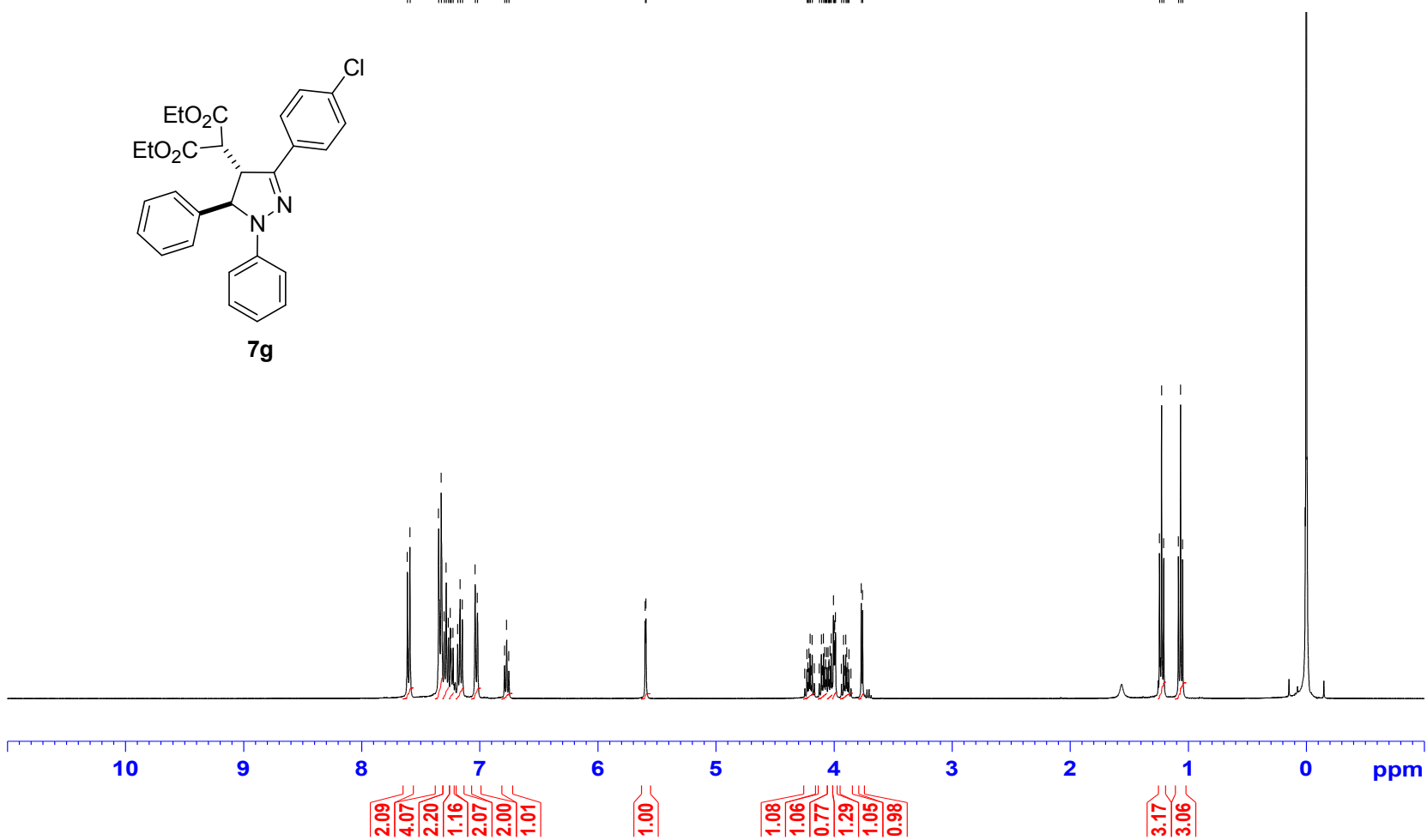
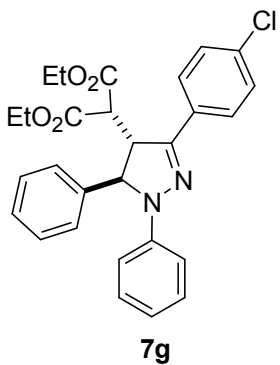


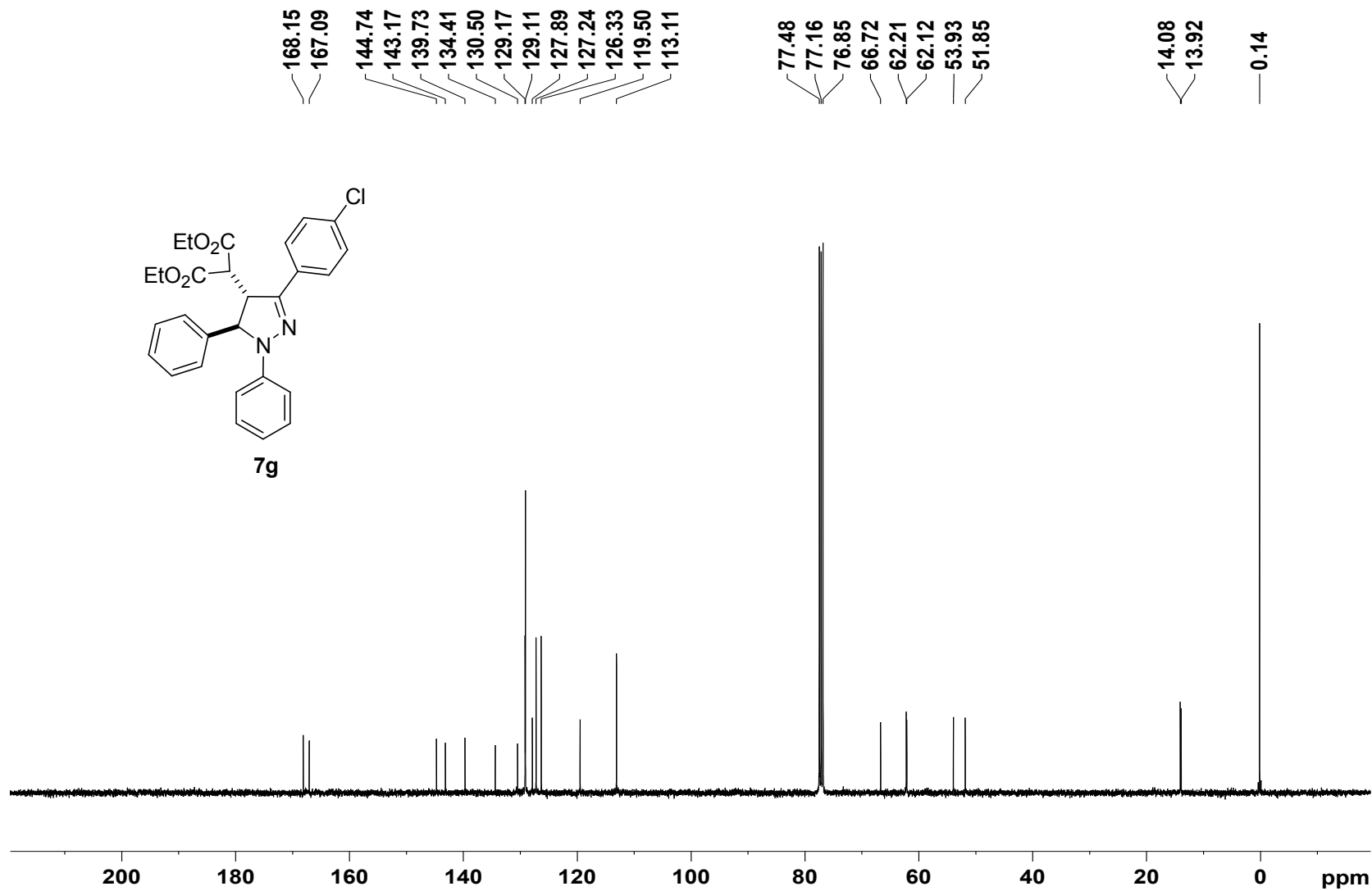
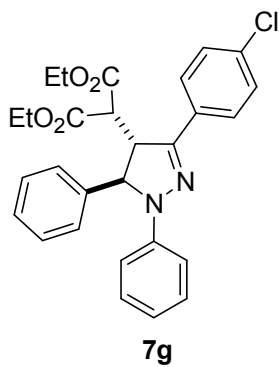


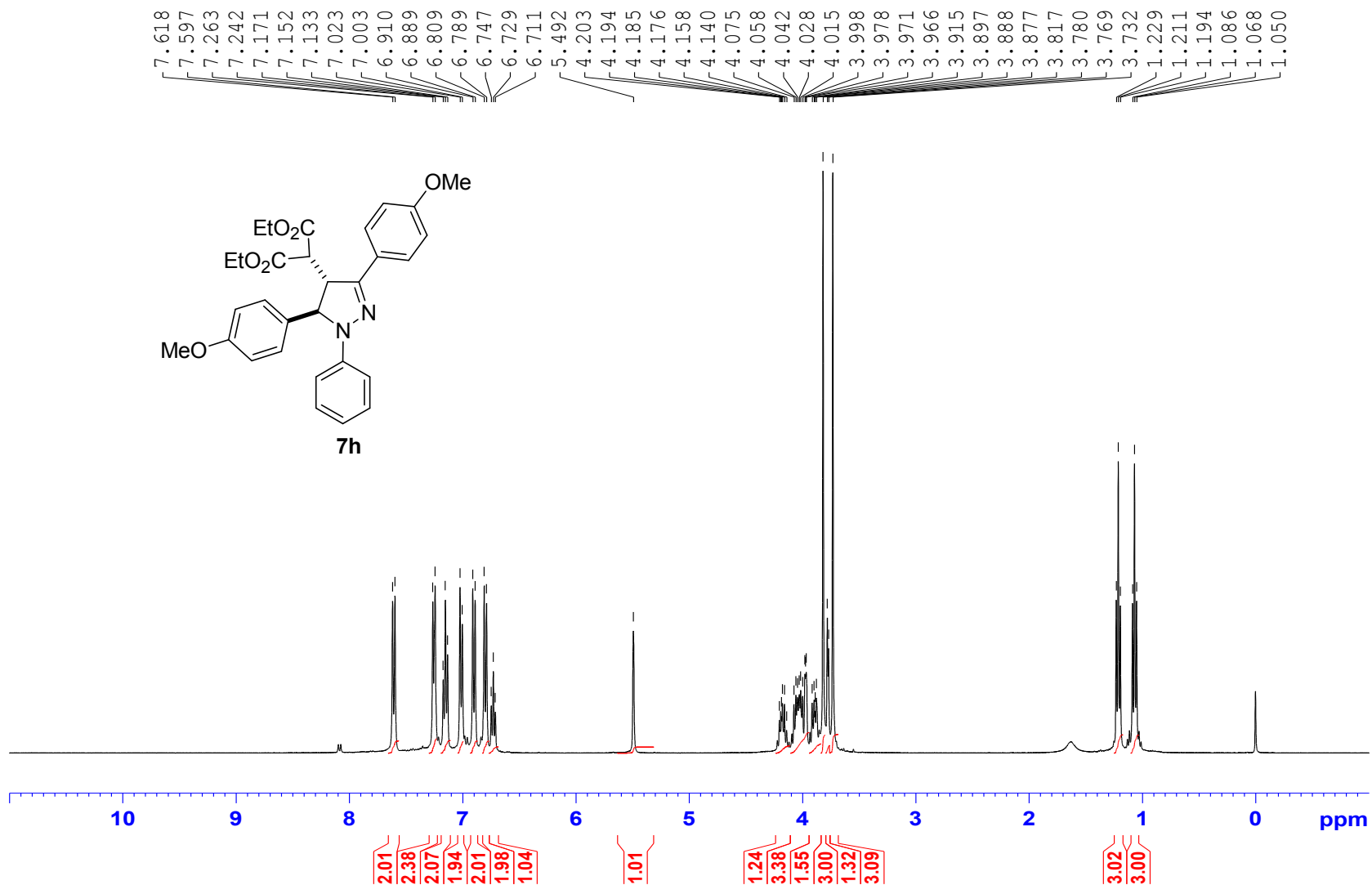


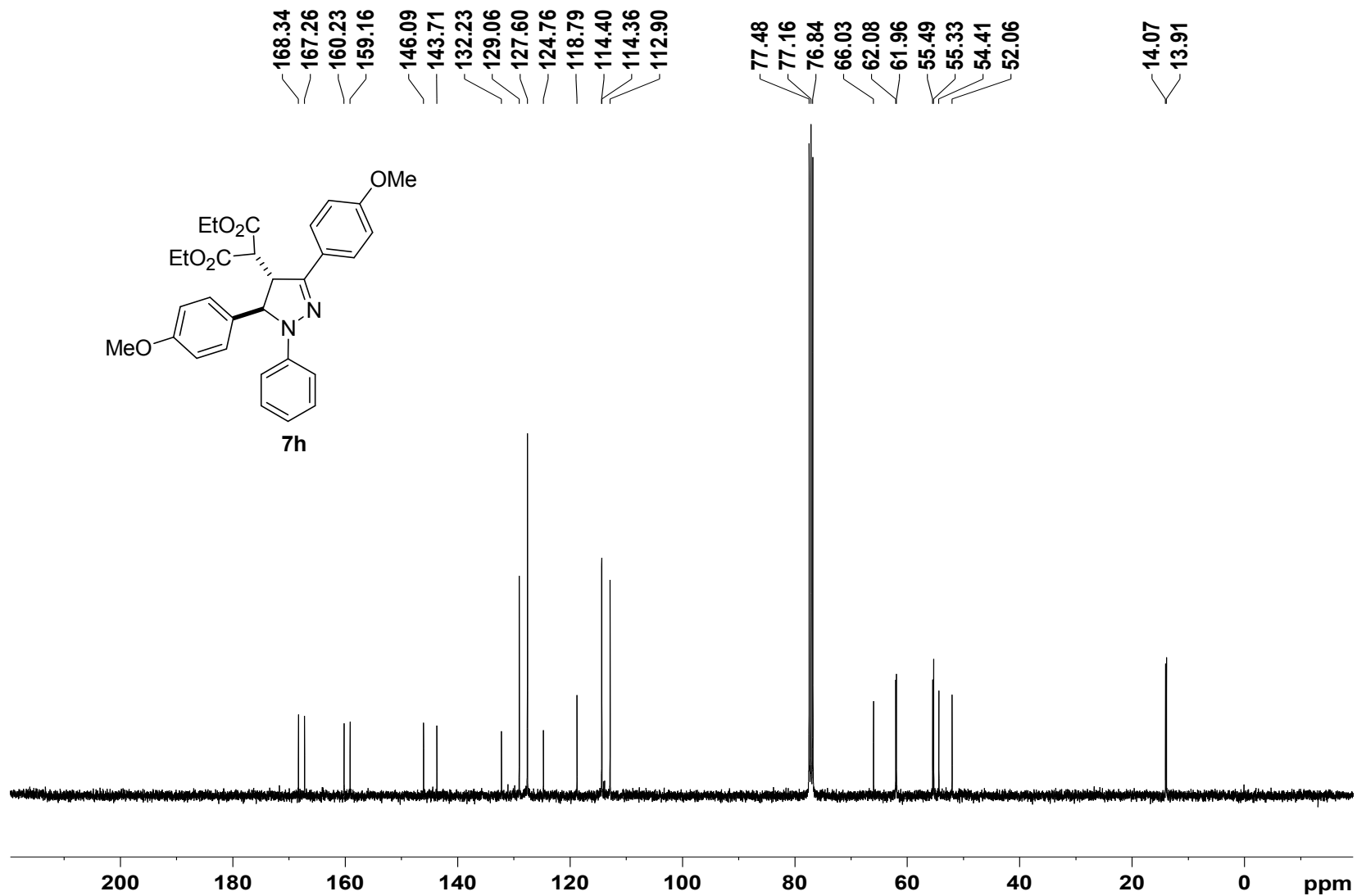


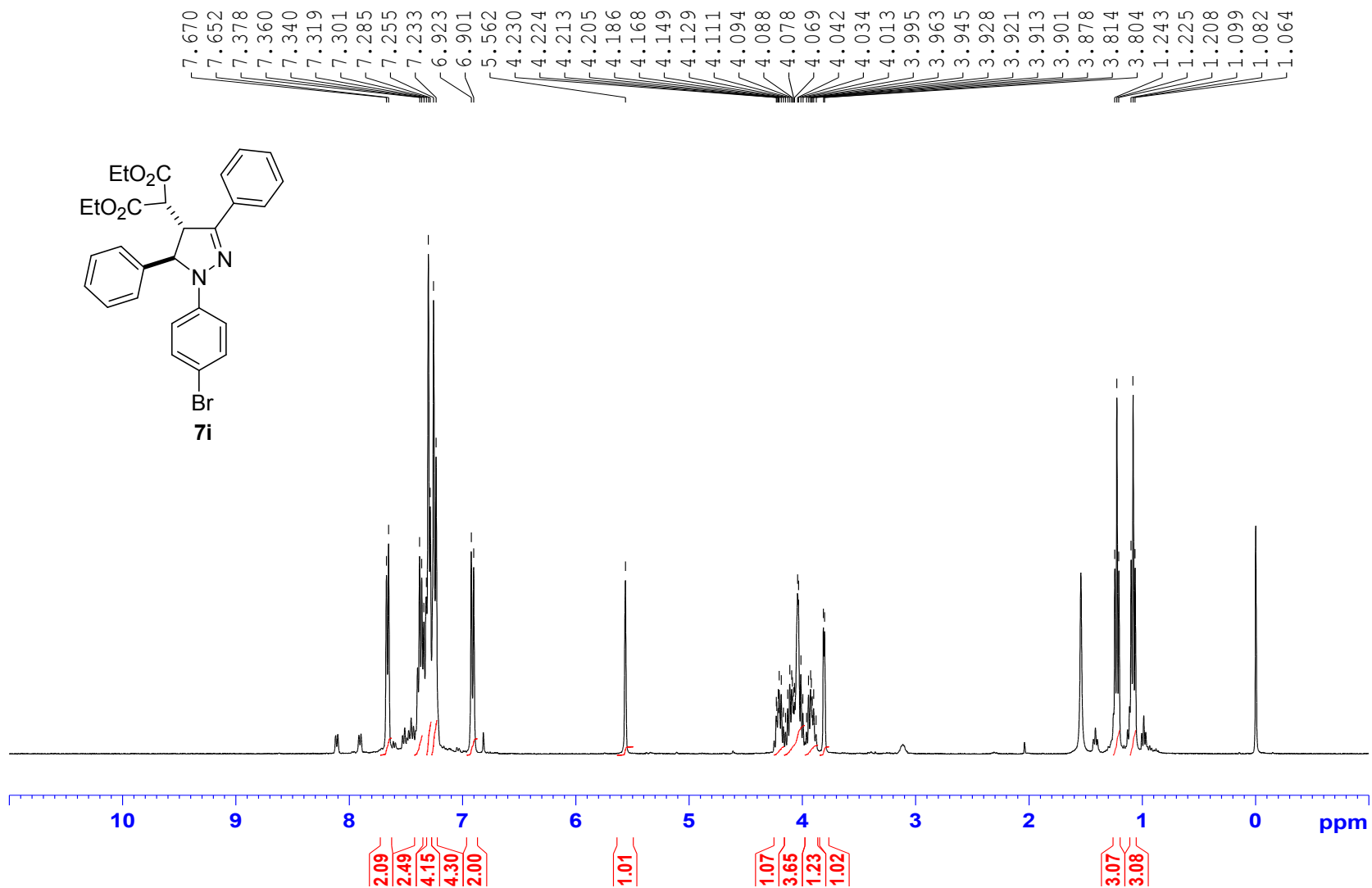
7.612
7.591
7.348
7.326
7.301
7.284
7.265
7.250
7.242
7.225
7.187
7.165
7.147
7.038
7.019
6.789
6.771
6.753
6.598
5.592
5.592
4.228
4.219
4.210
4.202
4.184
4.124
4.106
4.088
4.079
4.070
4.061
4.049
4.043
4.040
4.031
4.022
4.004
3.998
3.992
3.986
3.936
3.918
3.900
3.891
3.882
3.873
3.768
3.757
1.242
1.224
1.207
1.082
1.064
1.046

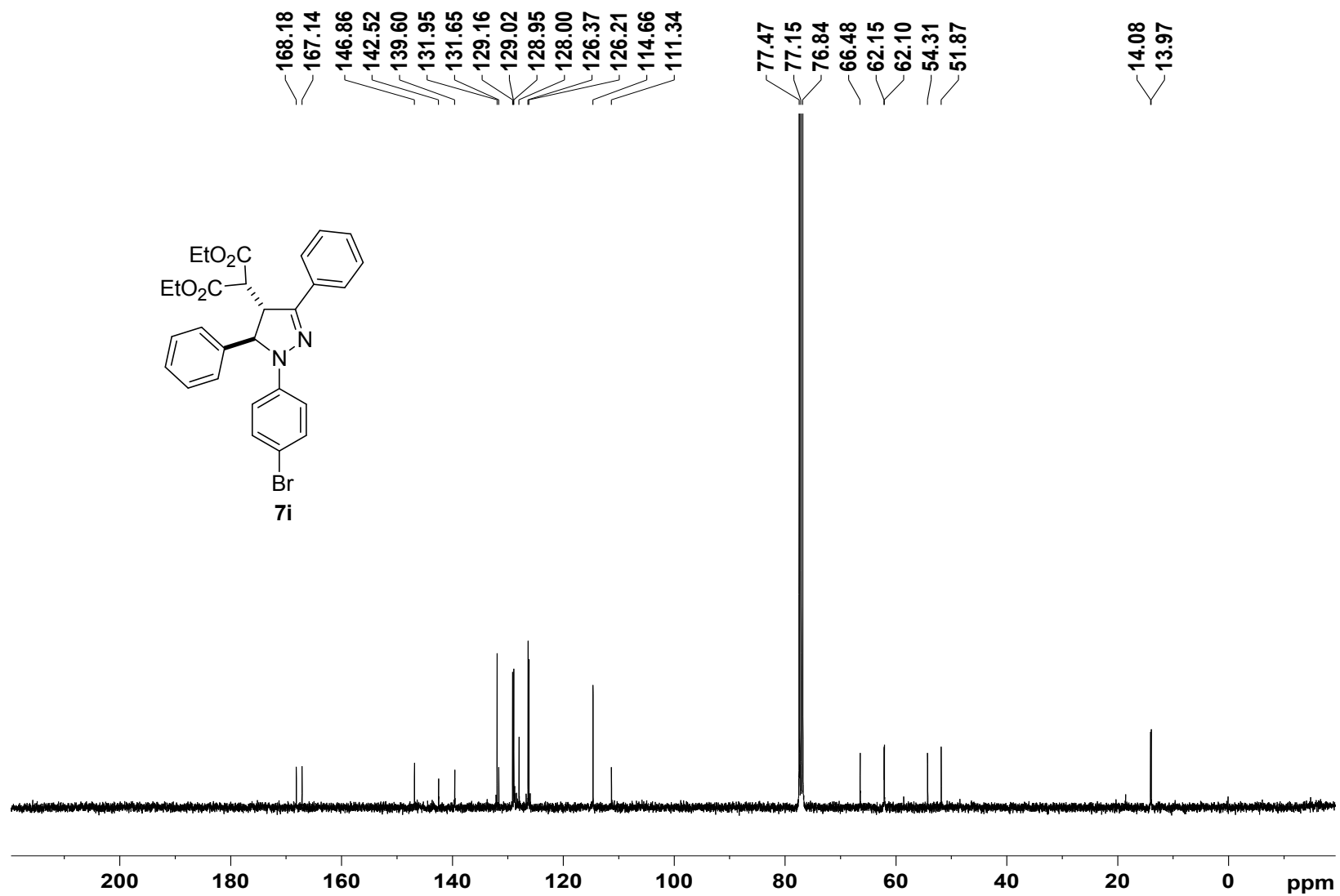


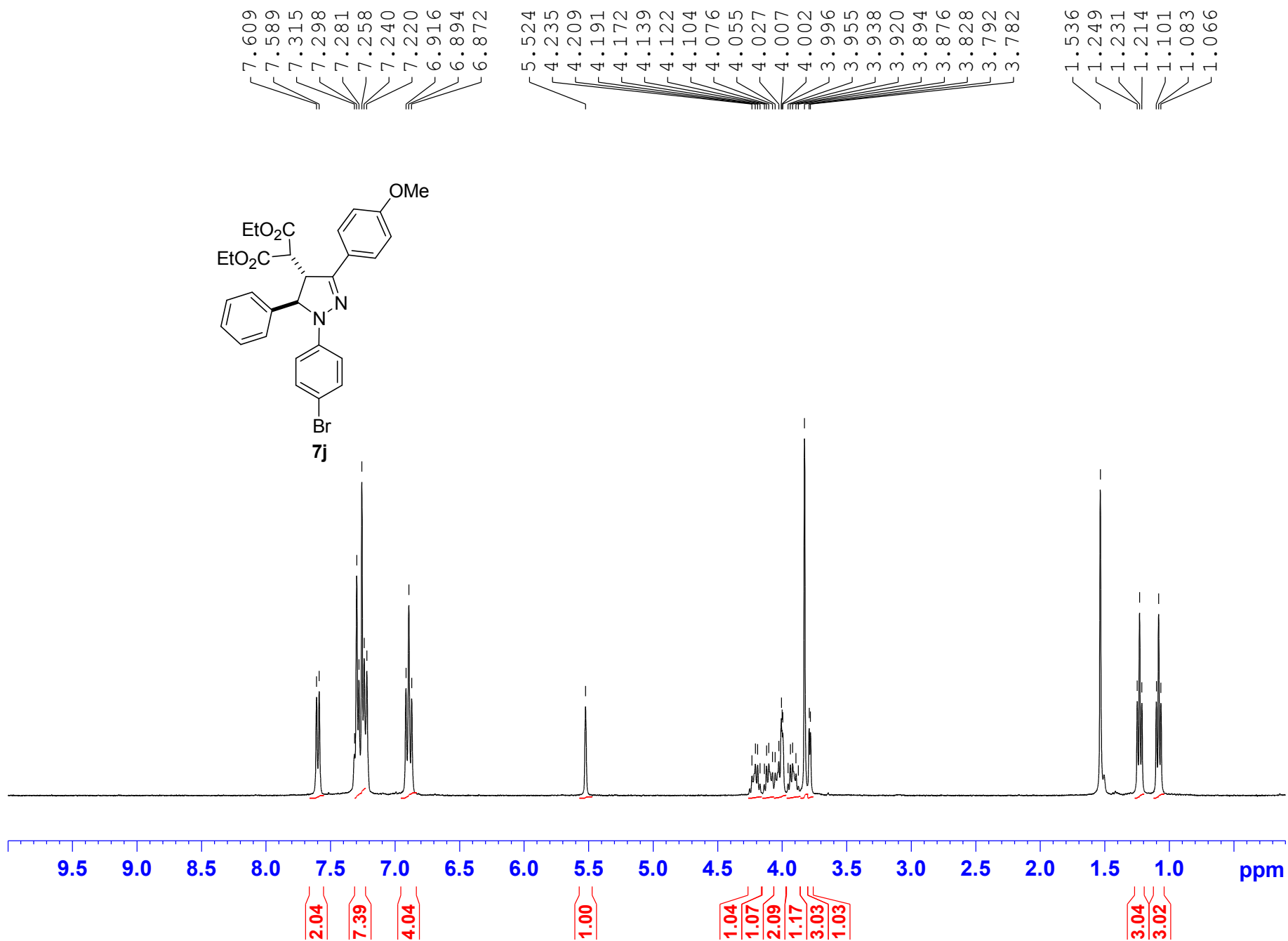
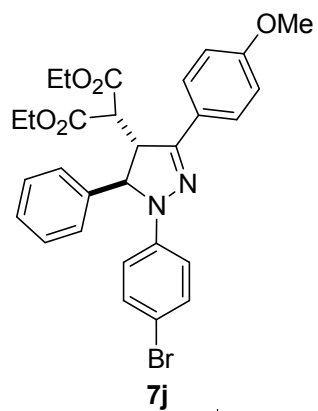


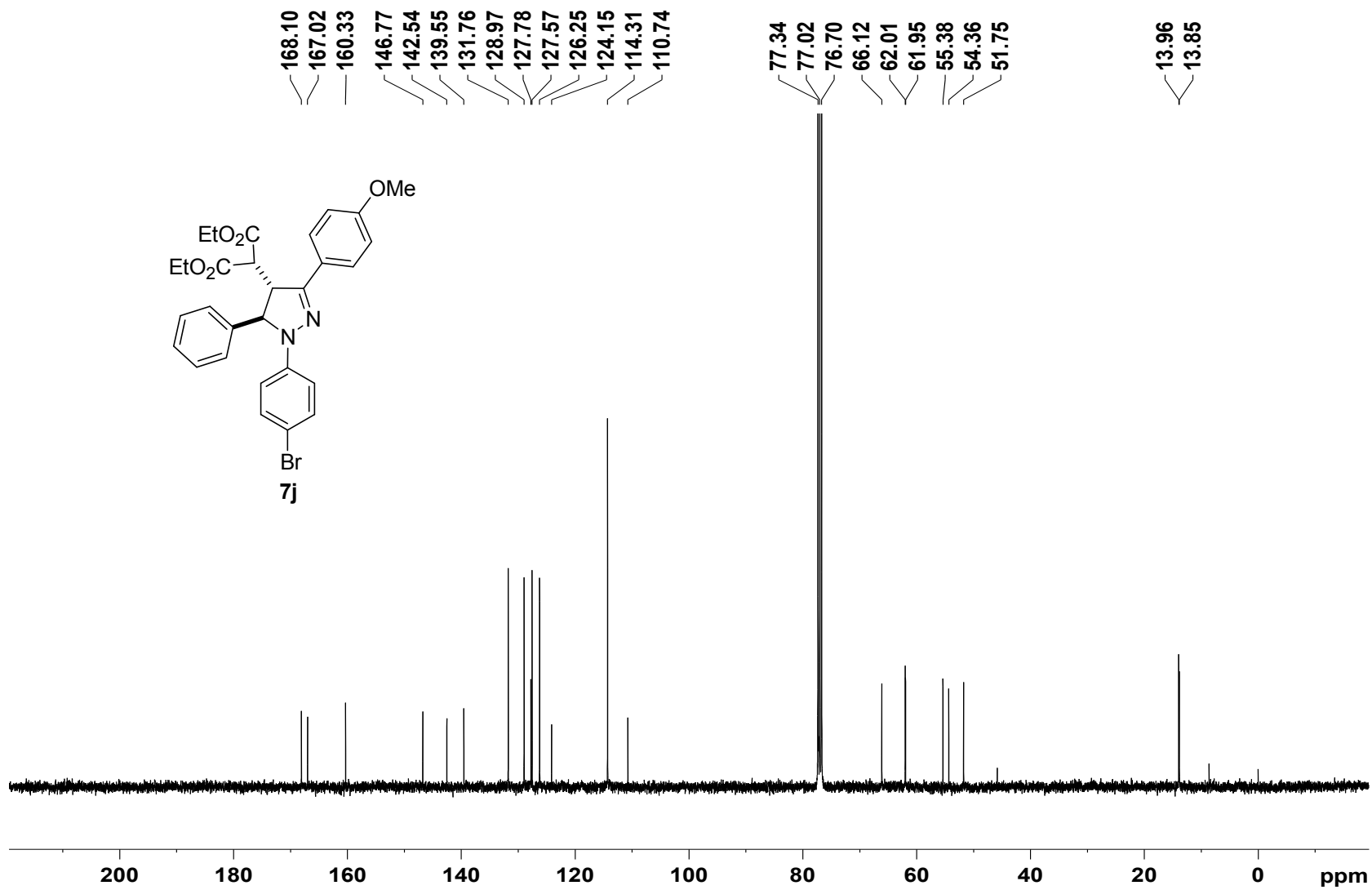


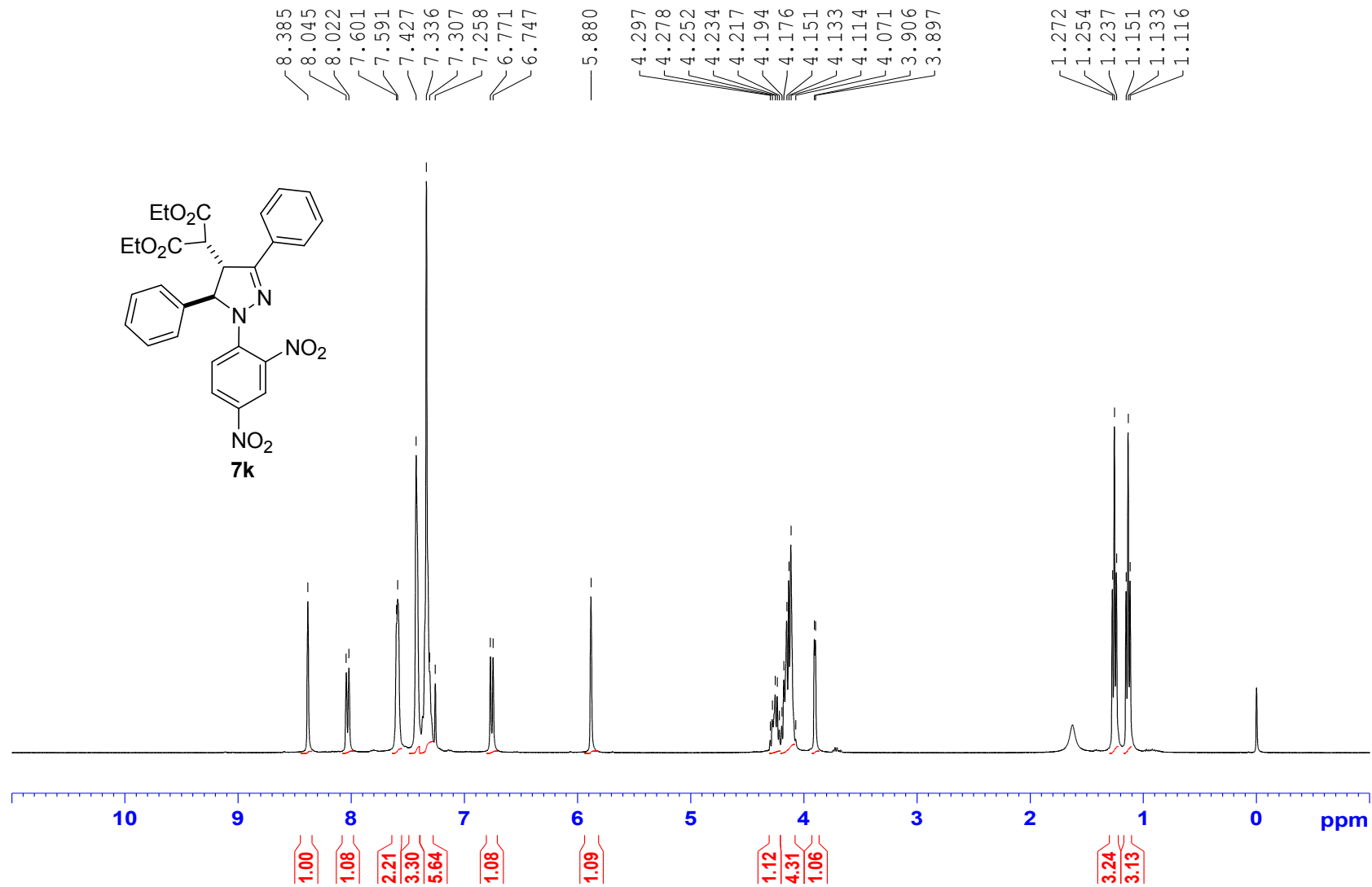


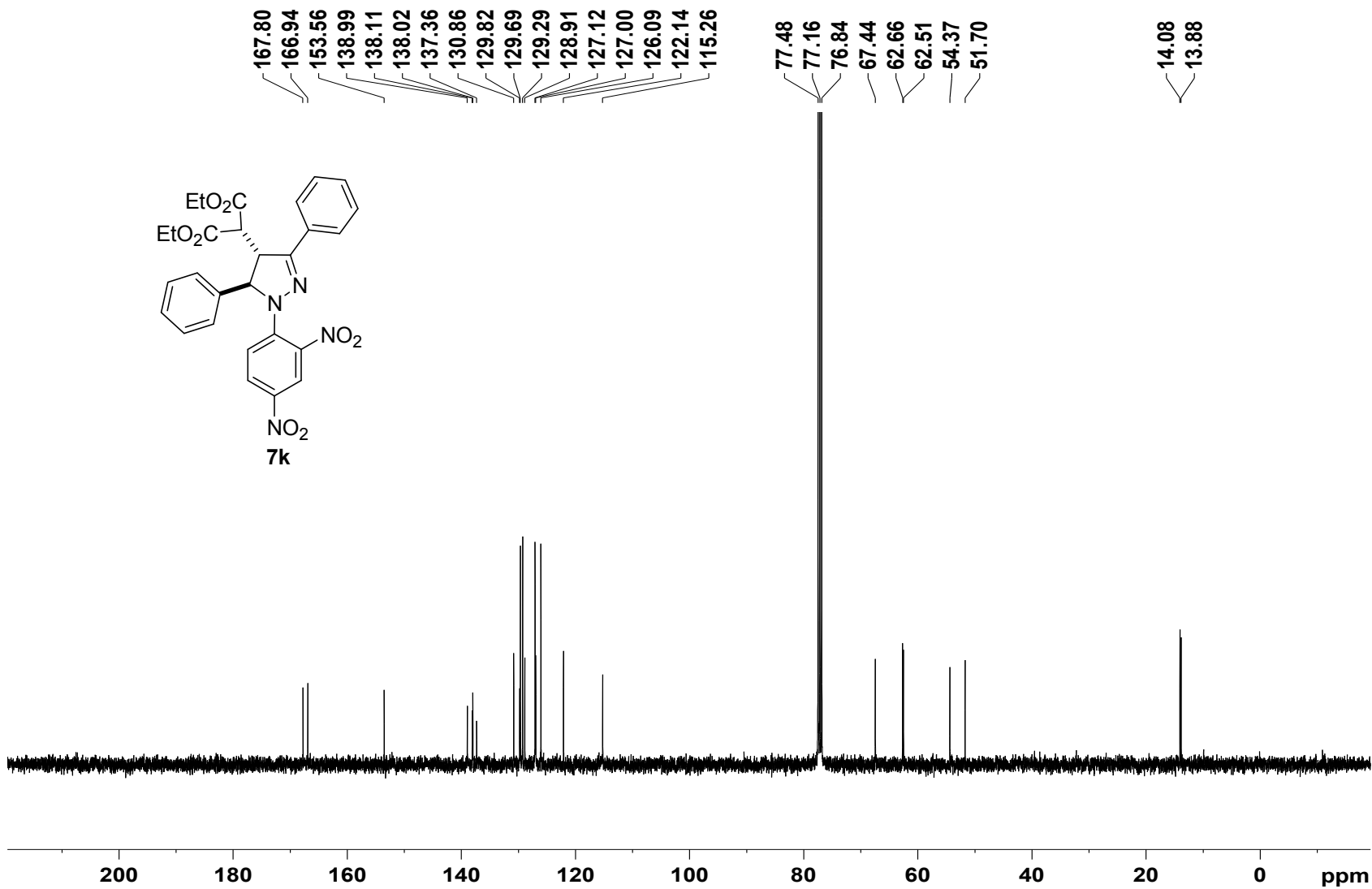
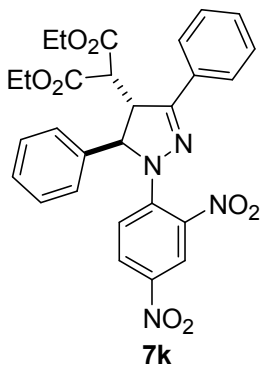


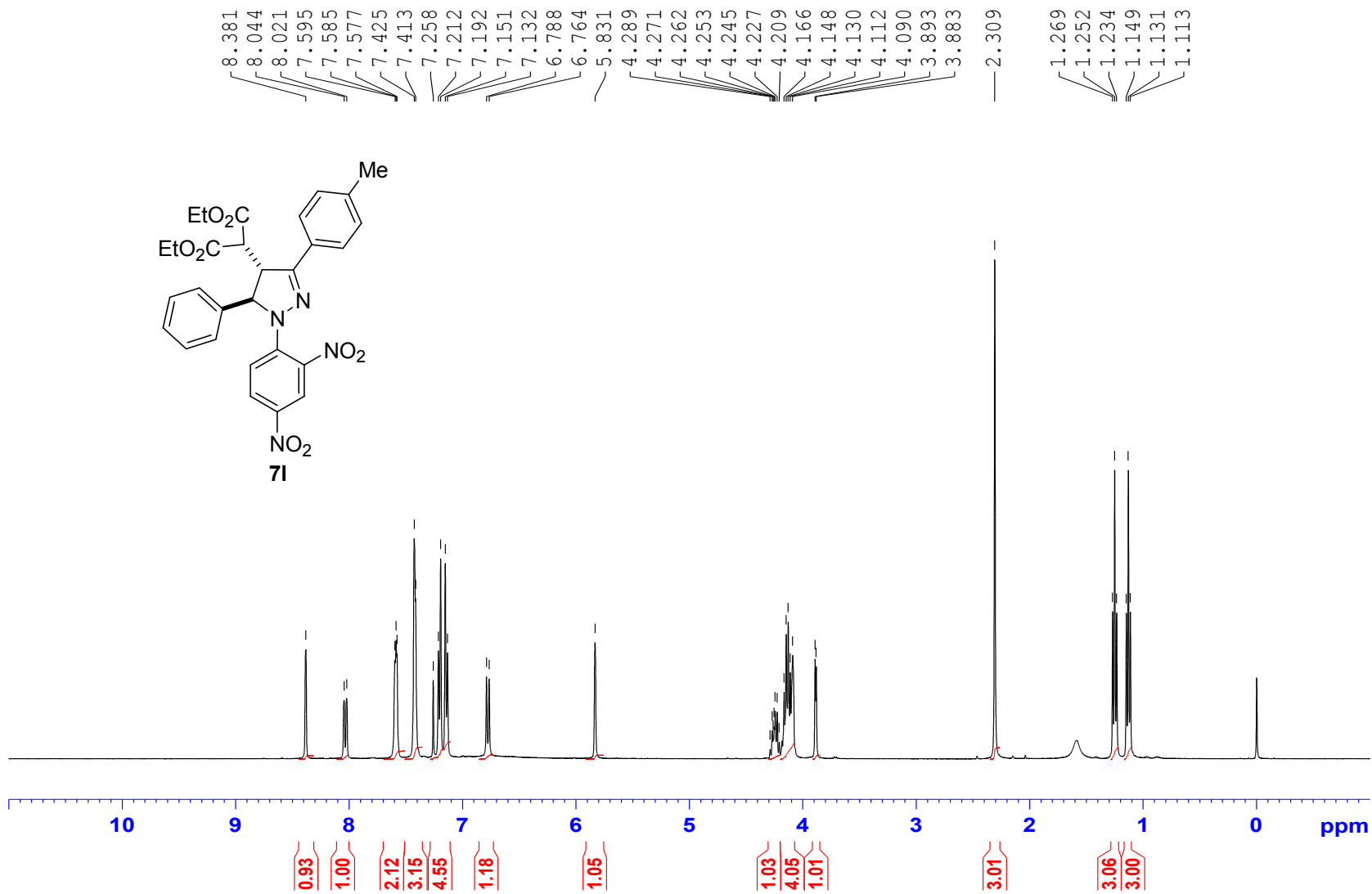


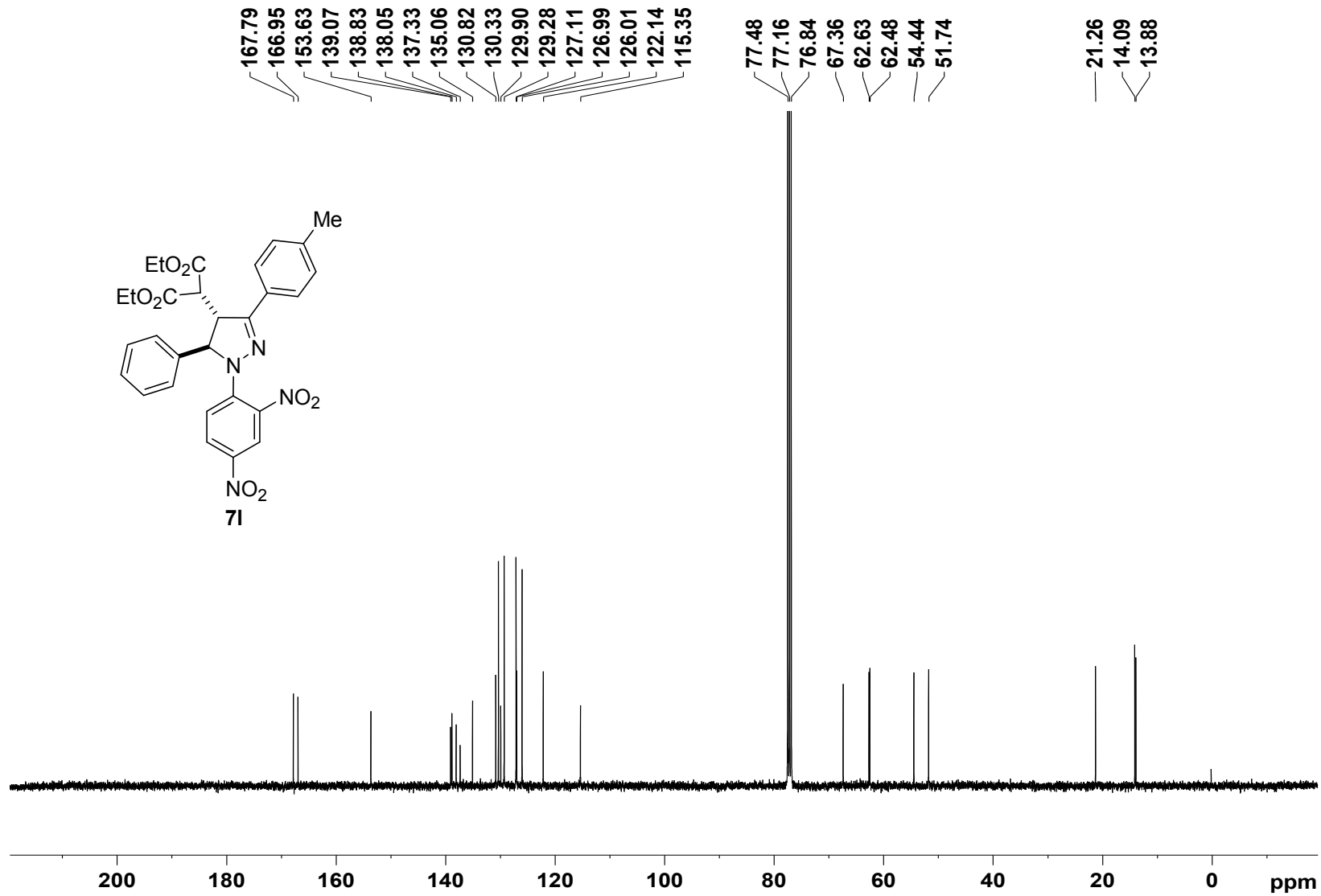


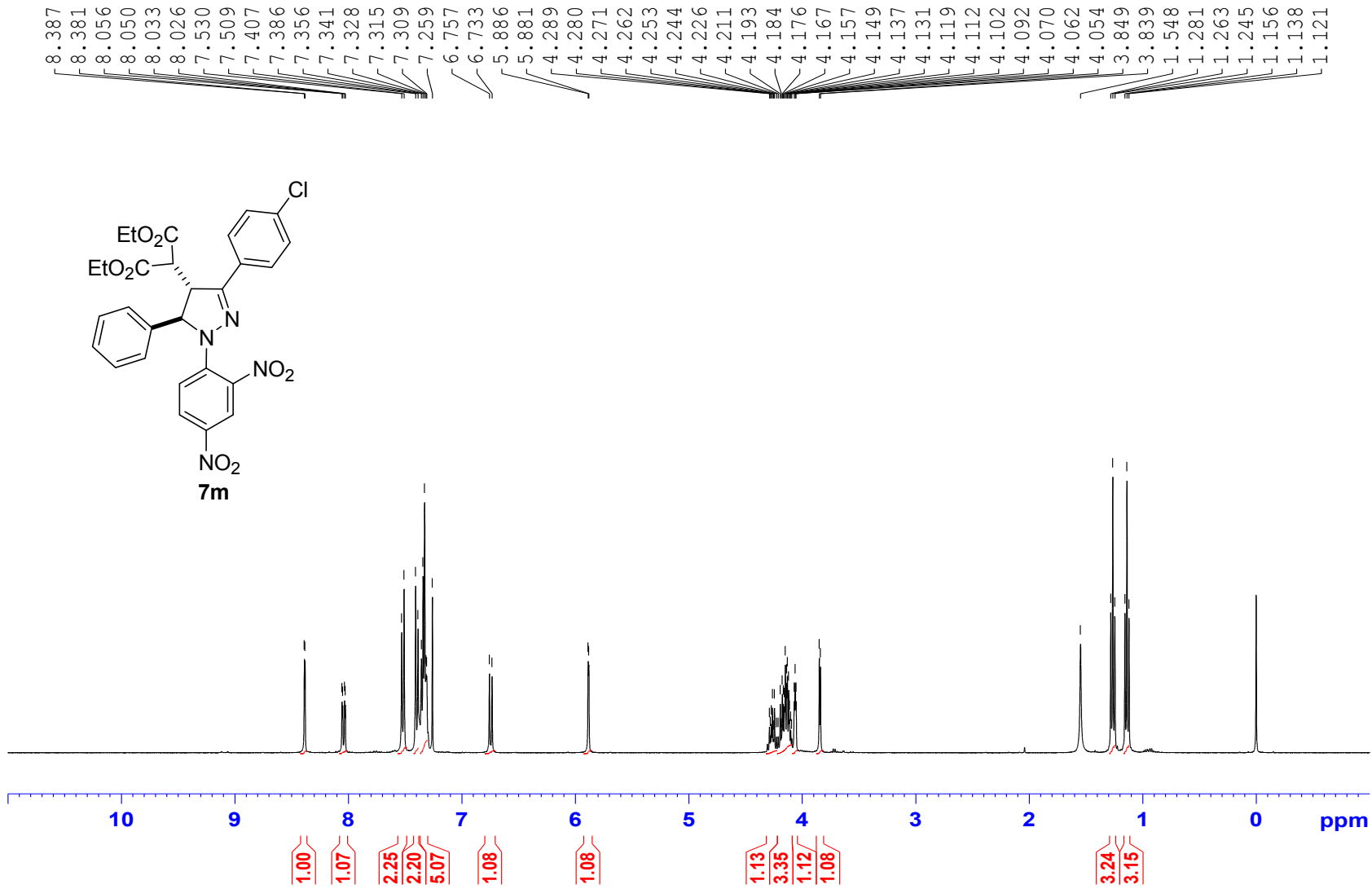


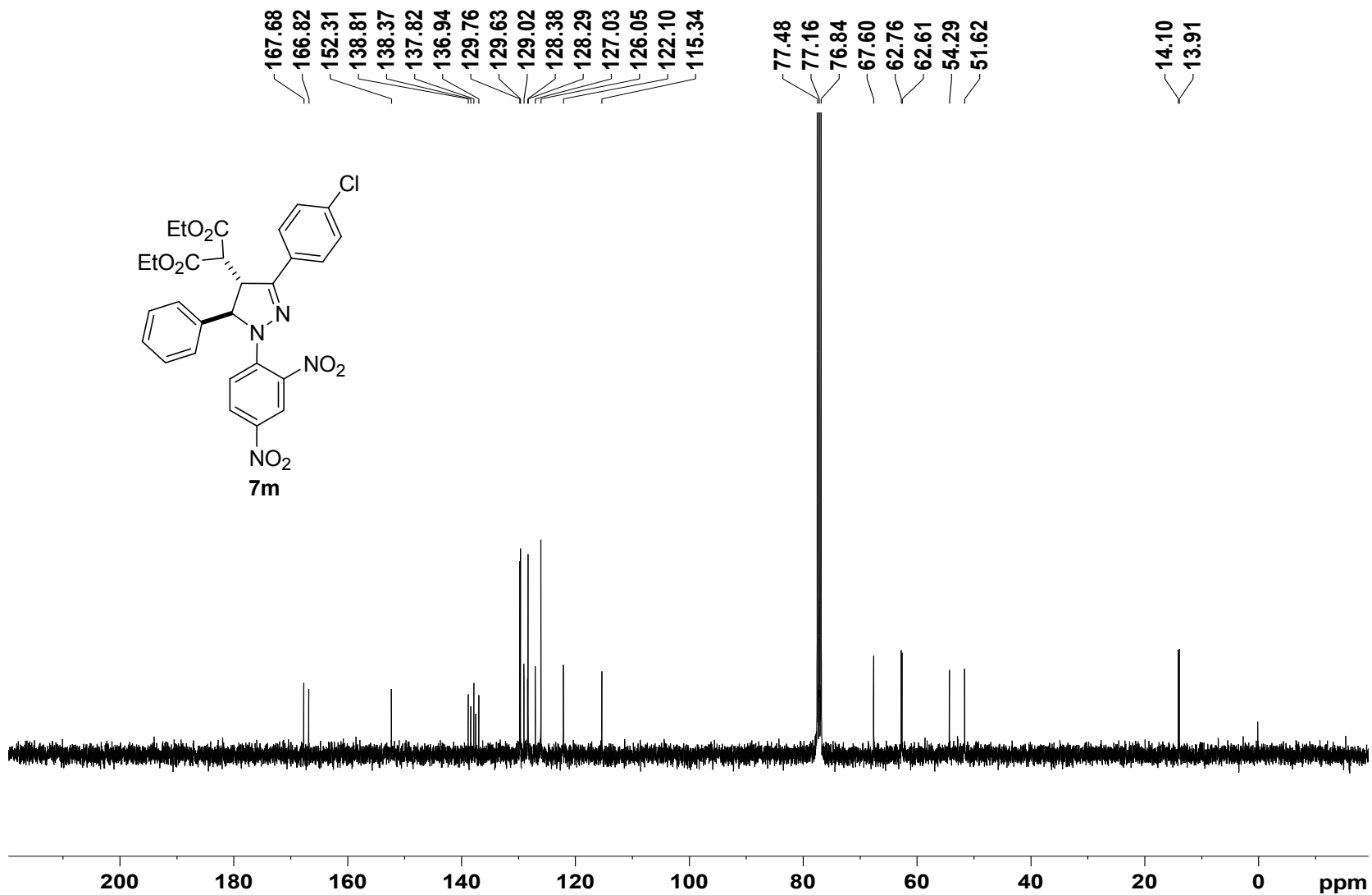




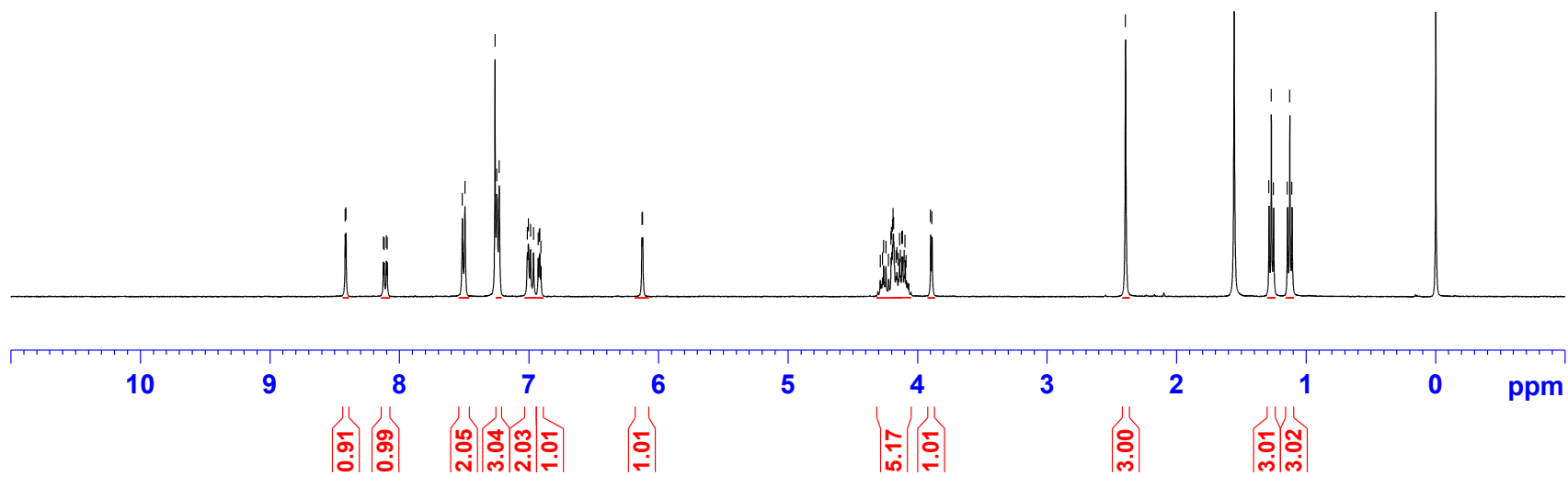
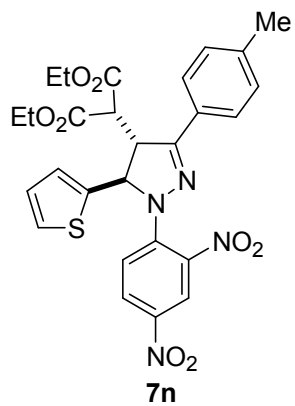


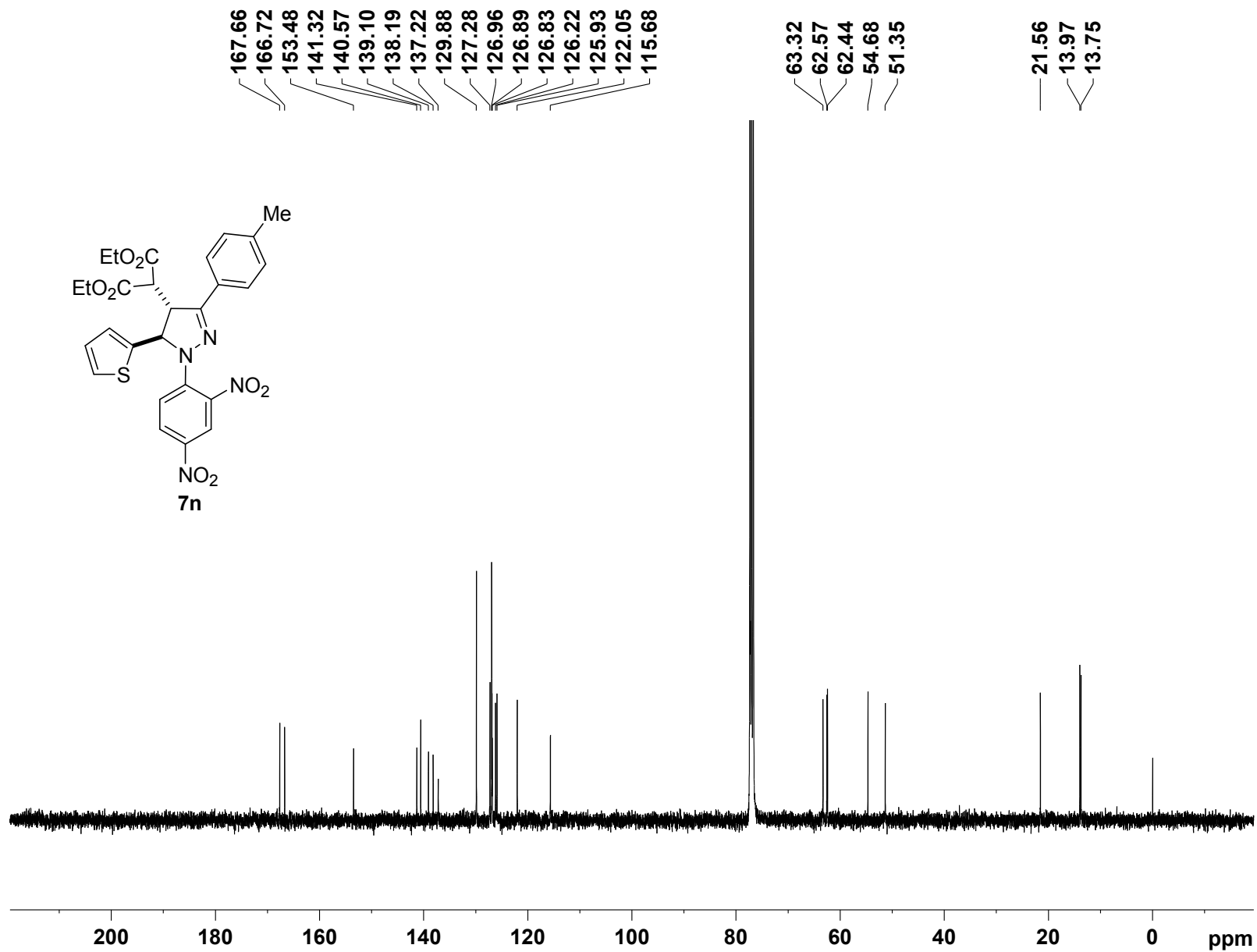


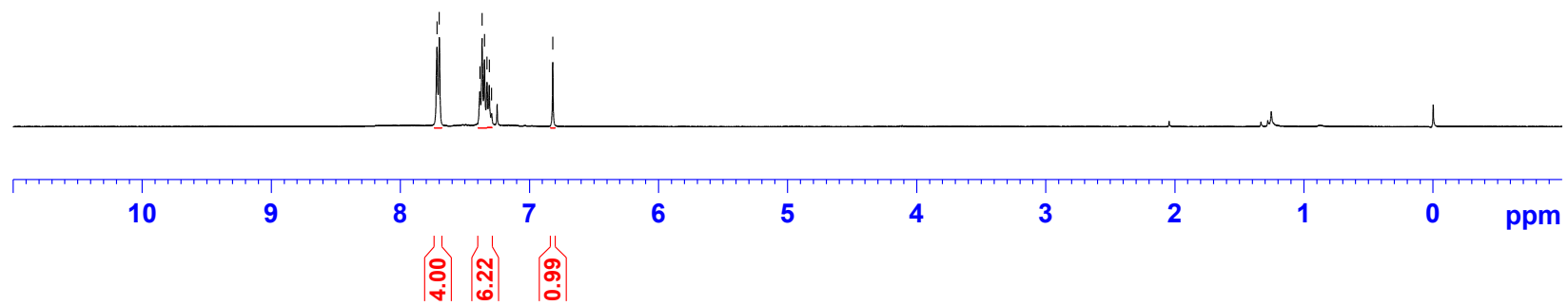
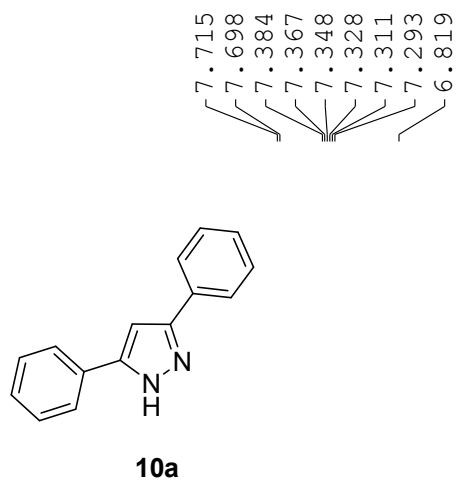


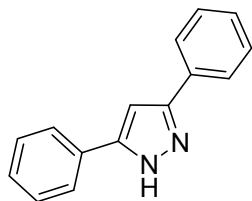


8.418
8.412
8.124
8.117
8.100
8.094
7.514
7.494
7.261
7.248
7.229
7.011
7.004
6.988
6.964
6.928
6.919
6.916
6.907
6.127
6.122
4.288
4.270
4.261
4.243
4.224
4.205
4.200
4.194
4.189
4.184
4.166
4.160
4.148
4.139
4.132
4.121
4.115
4.103
4.097
4.088
3.899
3.889
2.395
1.287
1.270
1.252
1.145
1.127
1.109

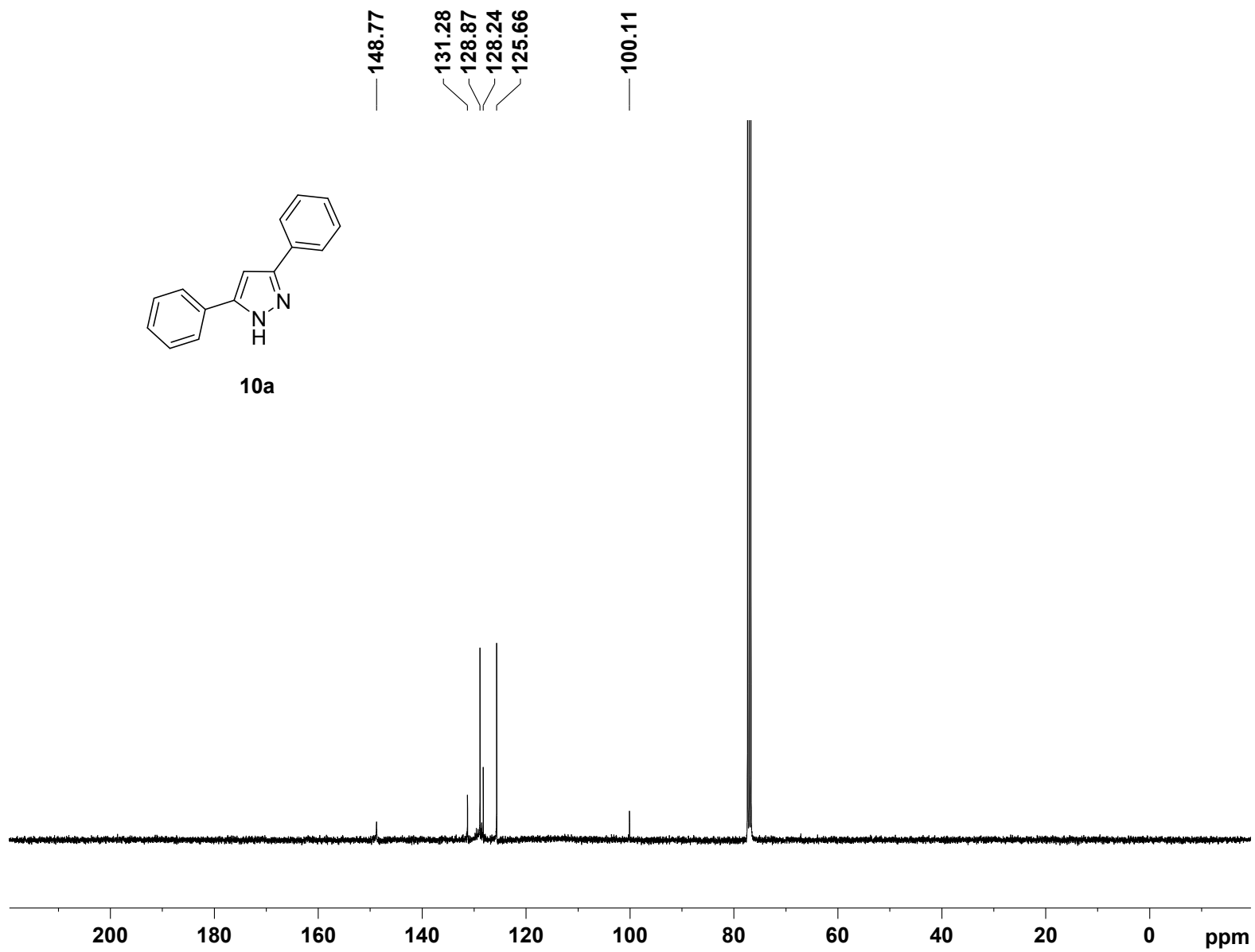


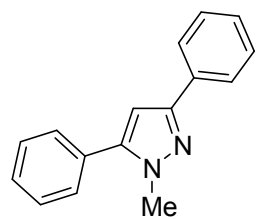




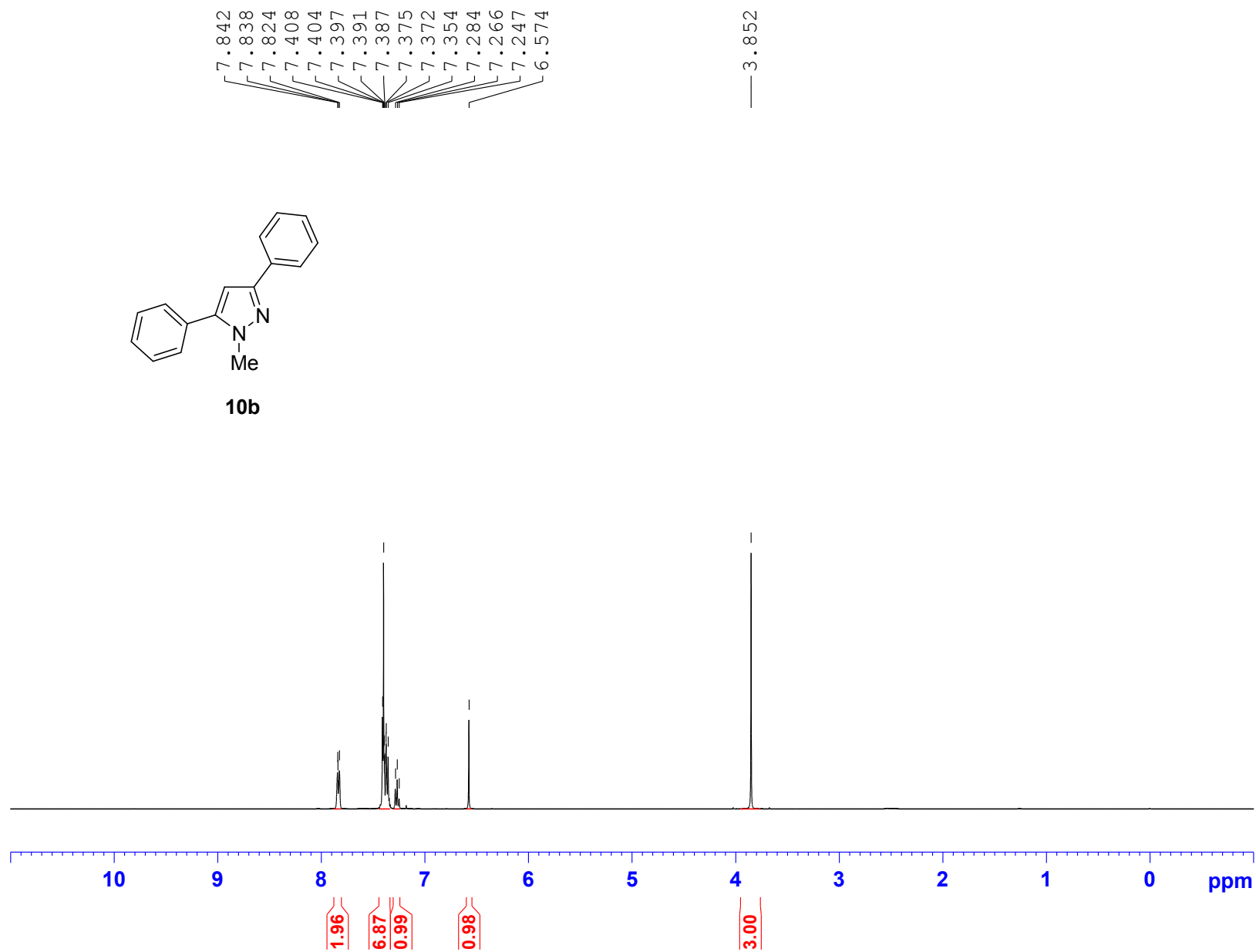


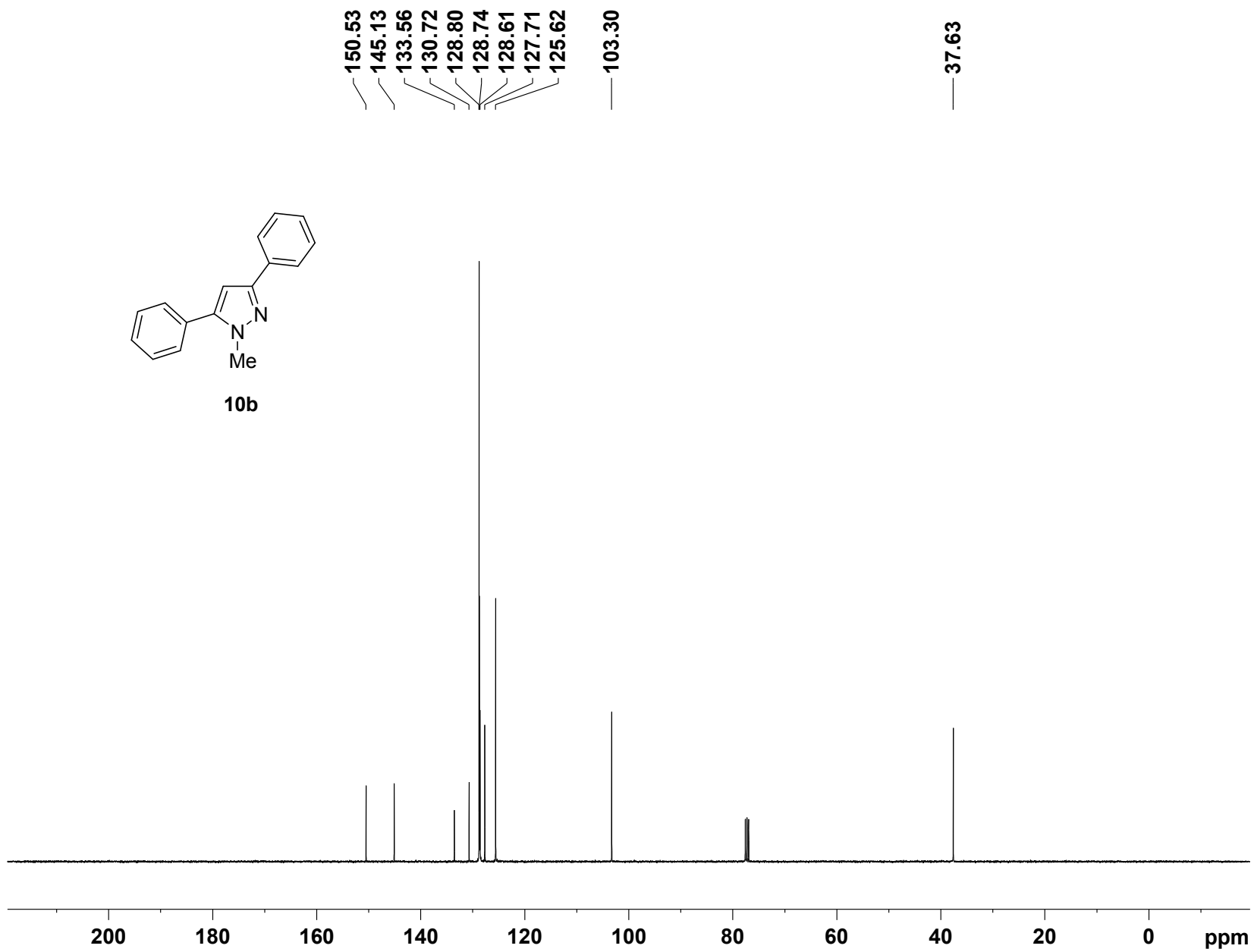
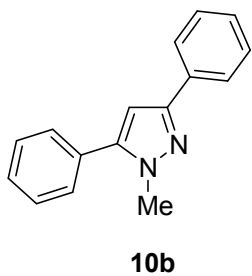
10a

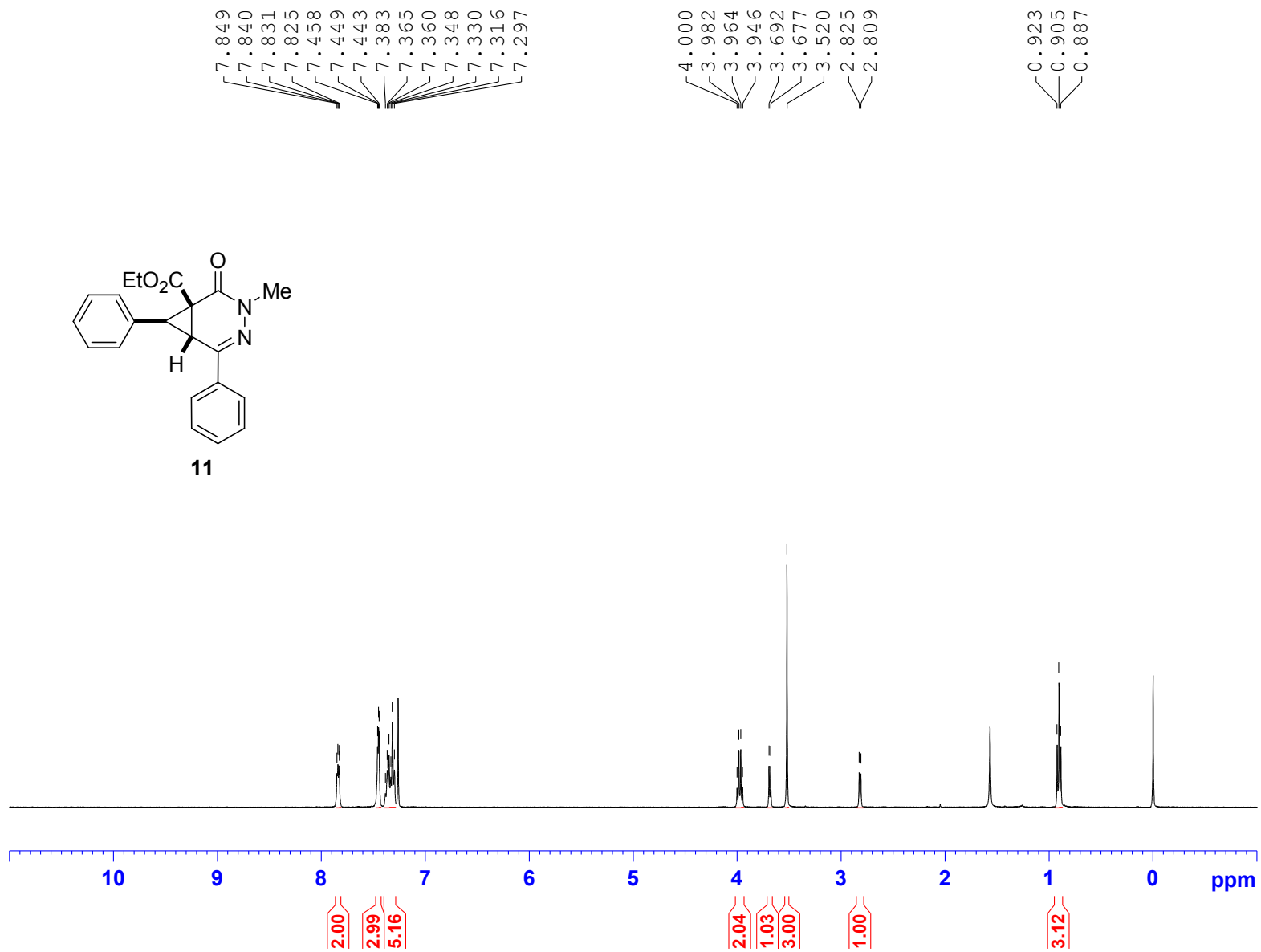
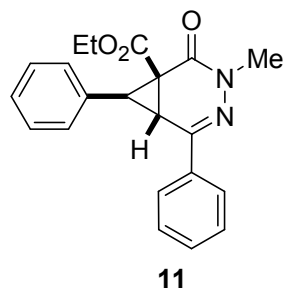


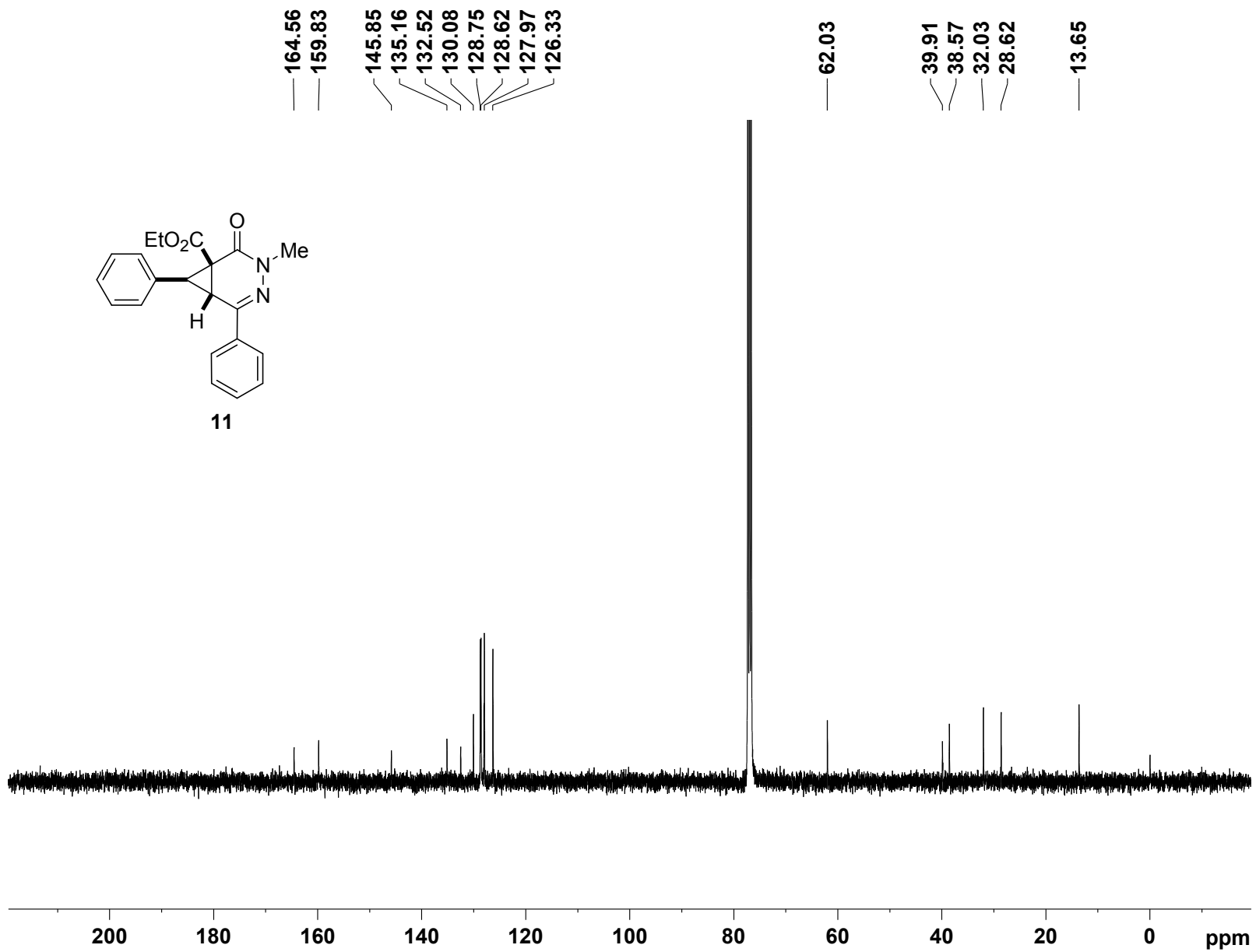


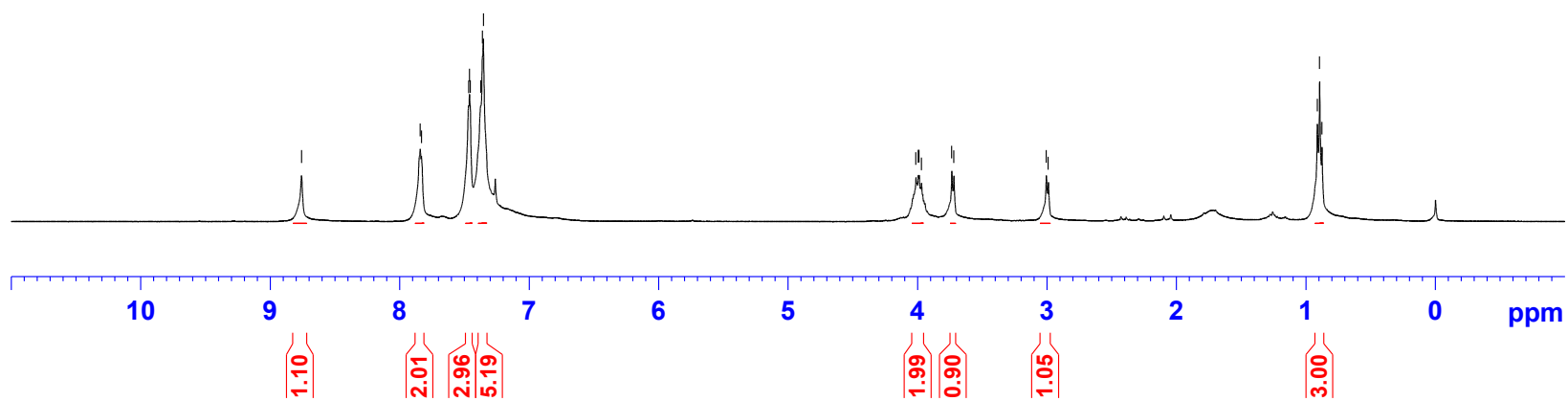
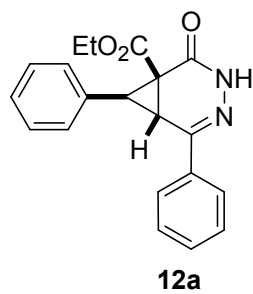
10b









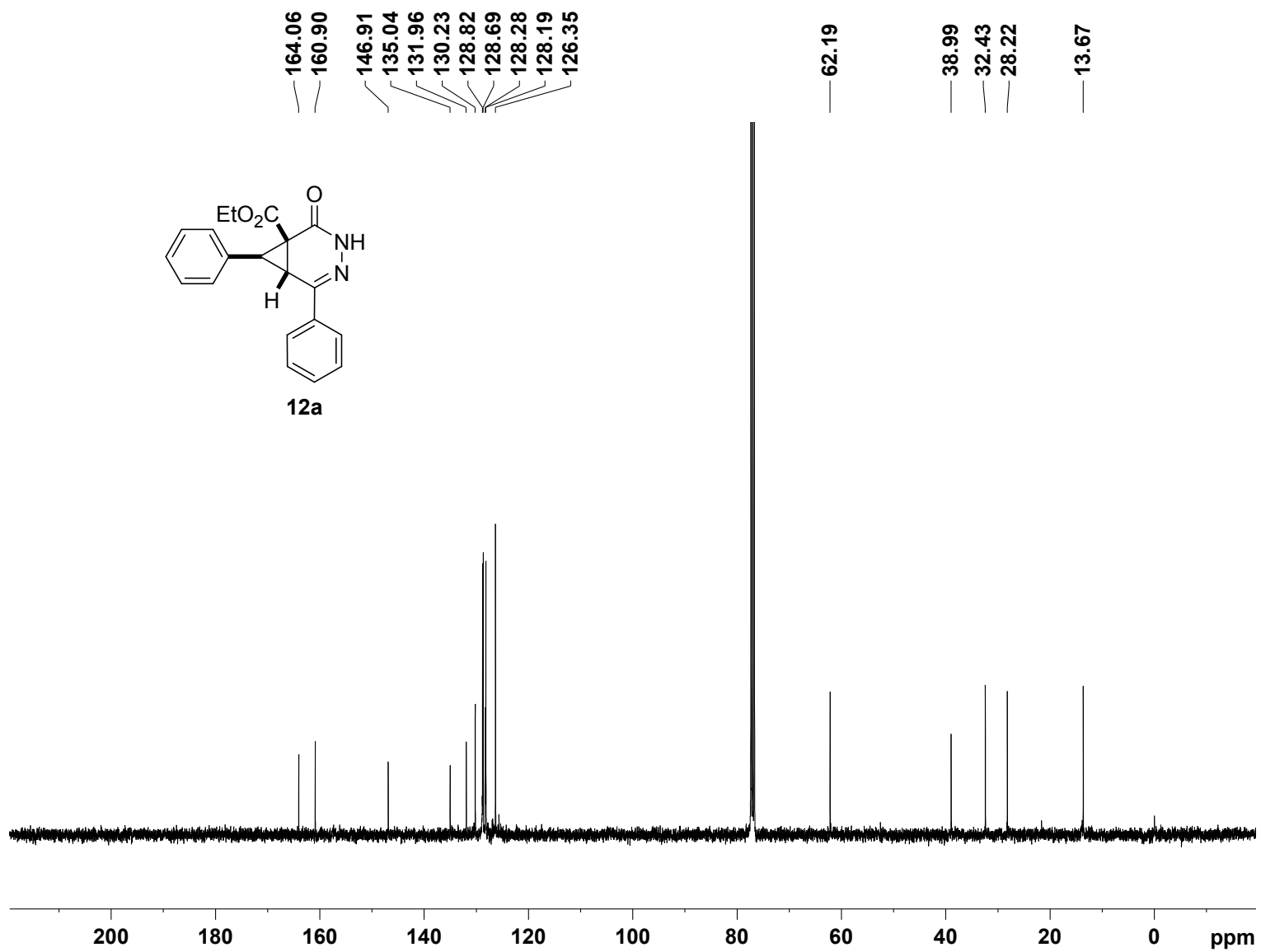


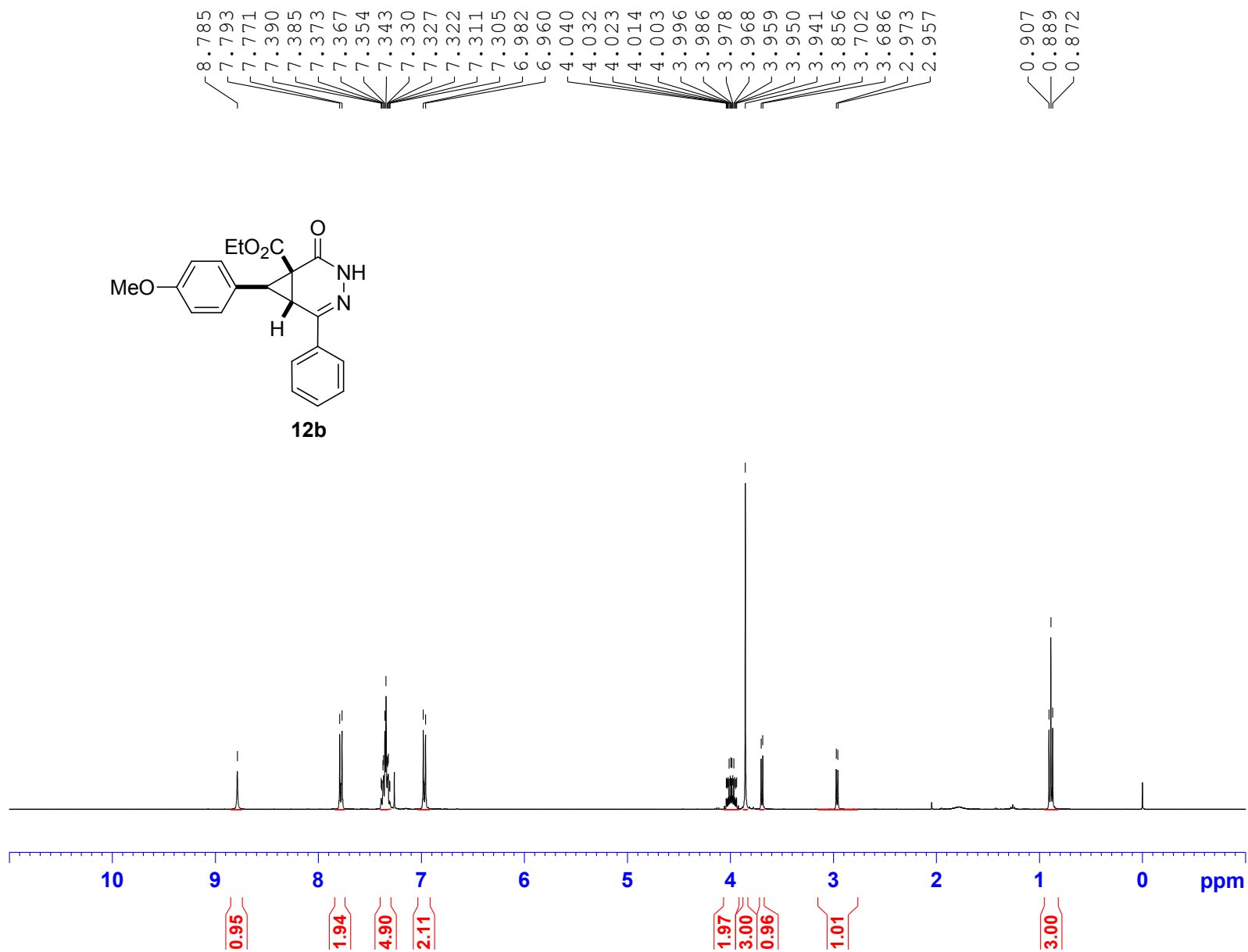
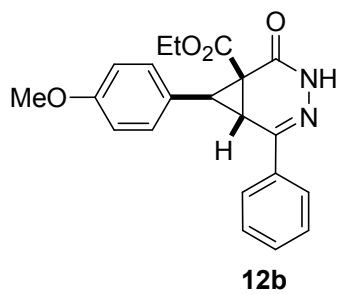
— 8.758

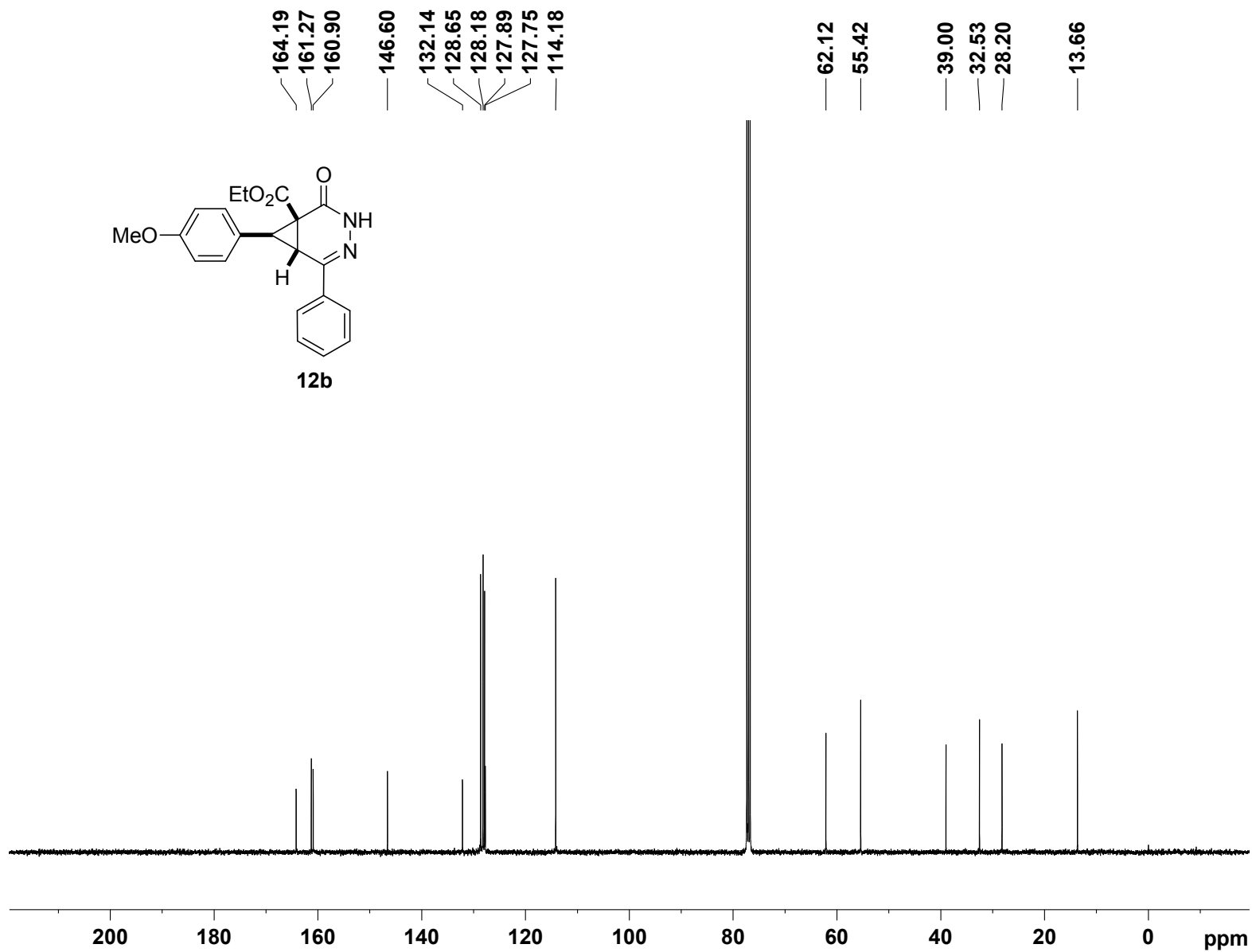
7.841
 7.832
 7.467
 7.460
 7.454
 7.374
 7.360
 7.353

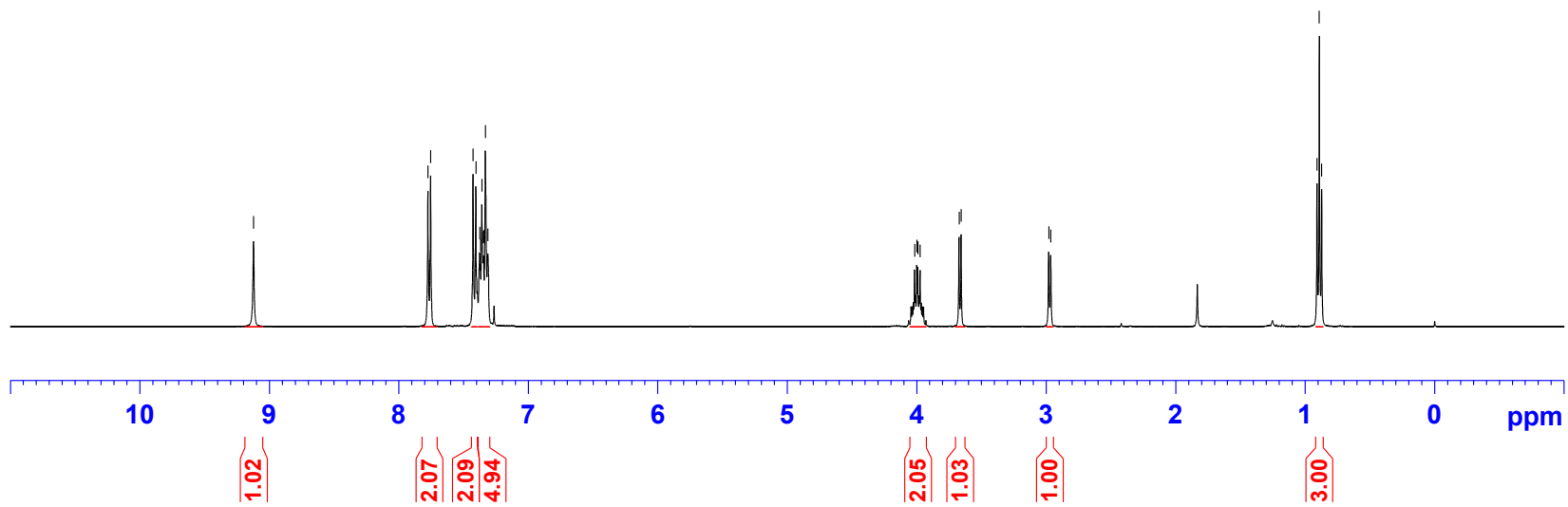
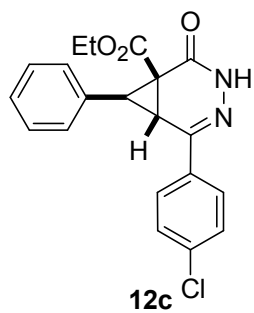
4.013
 3.995
 3.988
 3.970
 3.736
 3.720
 3.006
 2.990

0.912
 0.895
 0.877





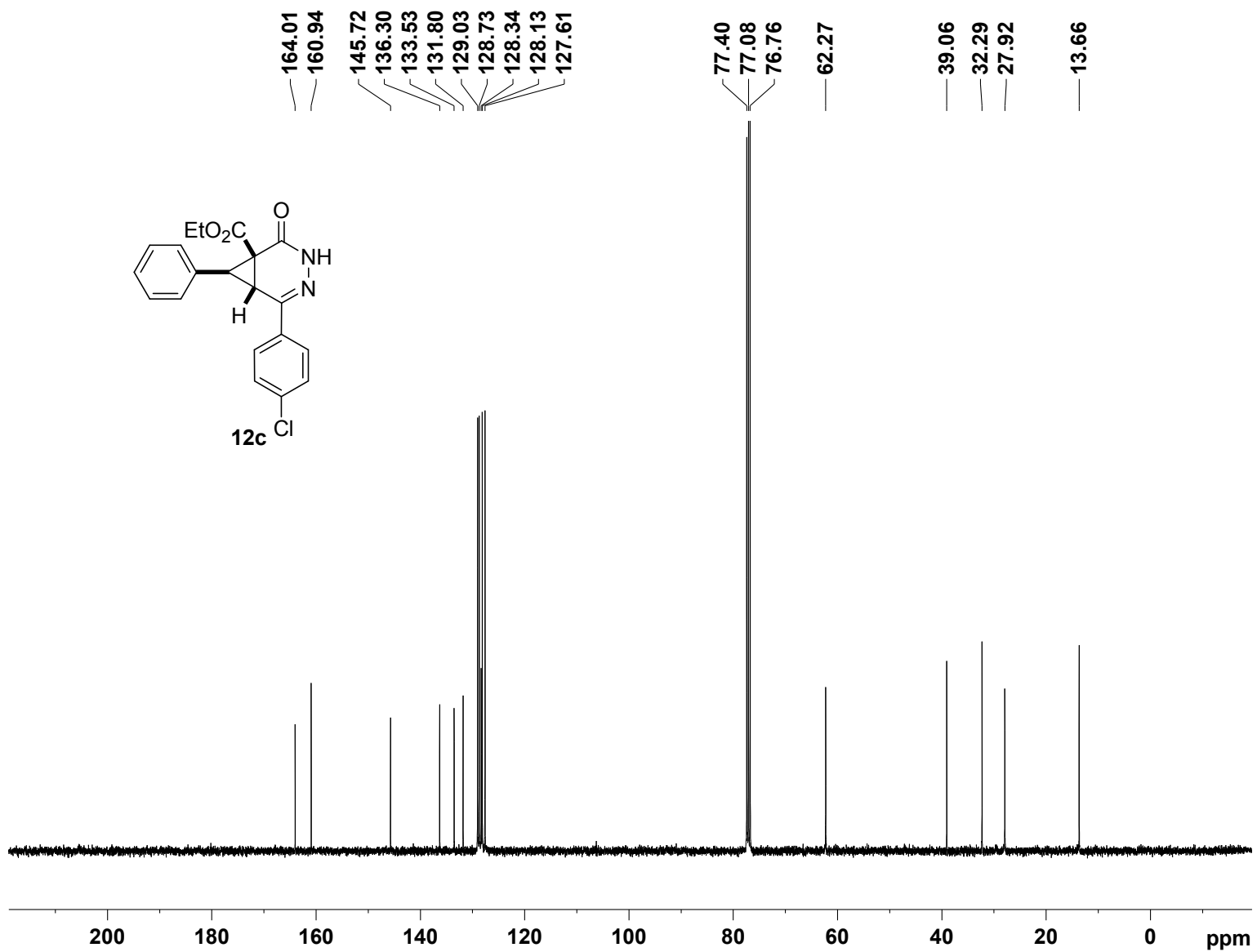




9.121
 7.774
 7.753
 7.426
 7.404
 7.374
 7.369
 7.358
 7.347
 7.343
 7.330
 7.311

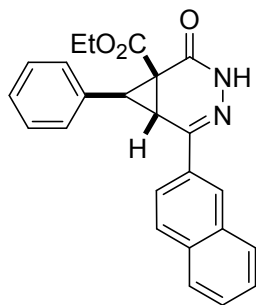
4.016
 3.998
 3.990
 3.972
 3.672
 3.656
 2.979
 2.963

0.909
 0.891
 0.873

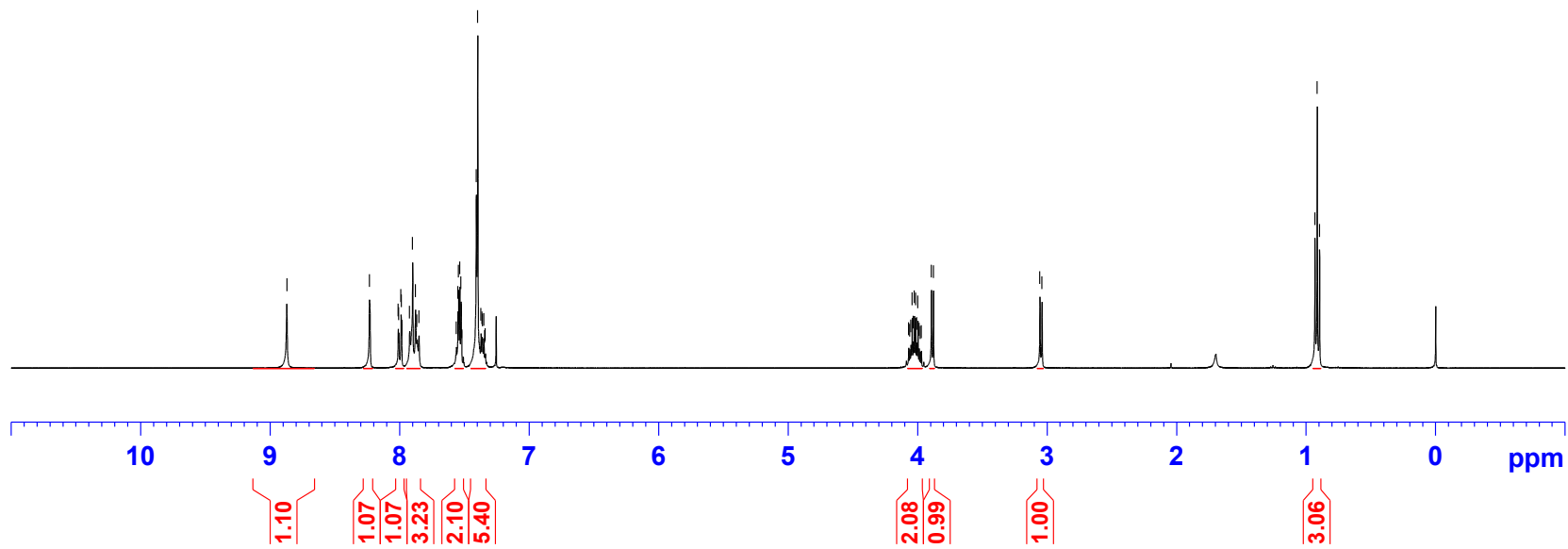


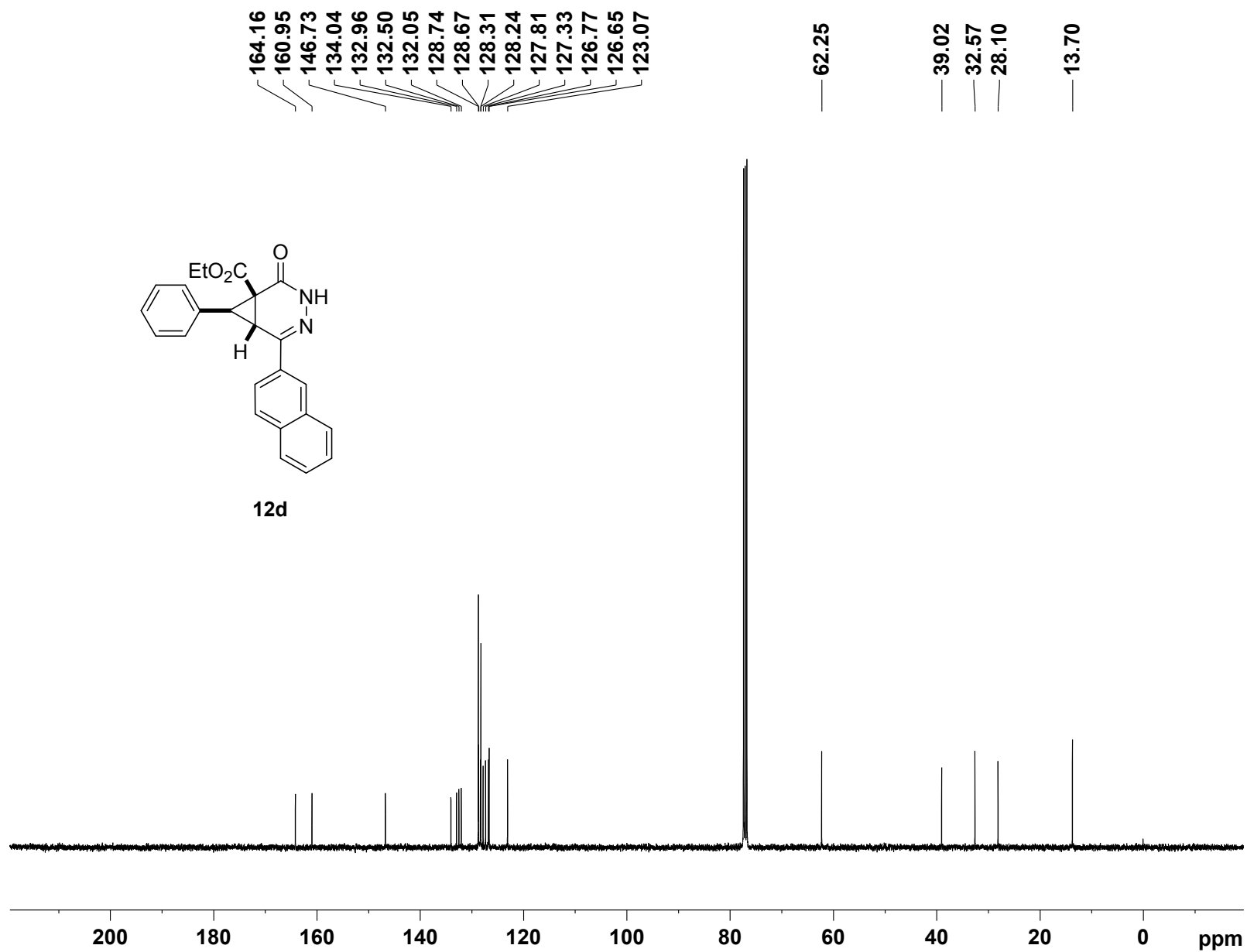
8.870
8.233
8.011
8.007
7.990
7.985
7.923
7.900
7.878
7.867
7.851
7.562
7.550
7.545
7.536
7.526
7.522
7.409
7.397
7.372
7.363
7.360
7.350
7.344
7.338
4.070
4.061
4.052
4.043
4.034
4.025
4.016
4.007
3.998
3.989
3.980
3.971
3.894
3.878
3.056
3.040

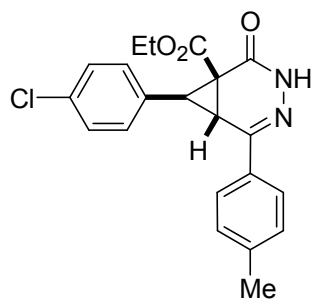
0.932
0.914
0.896



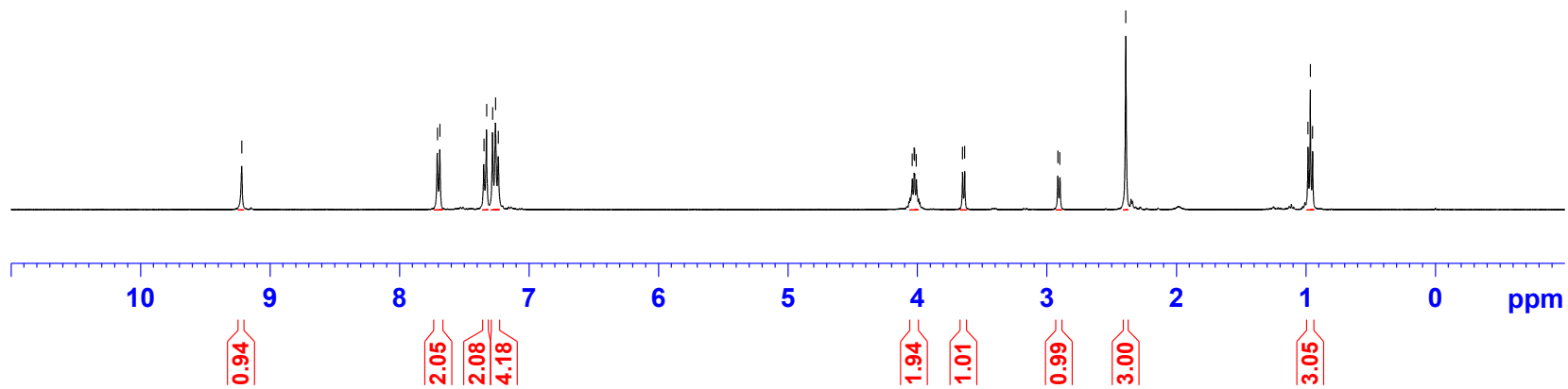
12d







12e

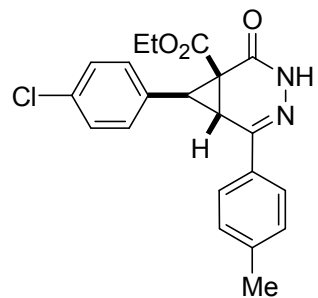


— 9.217

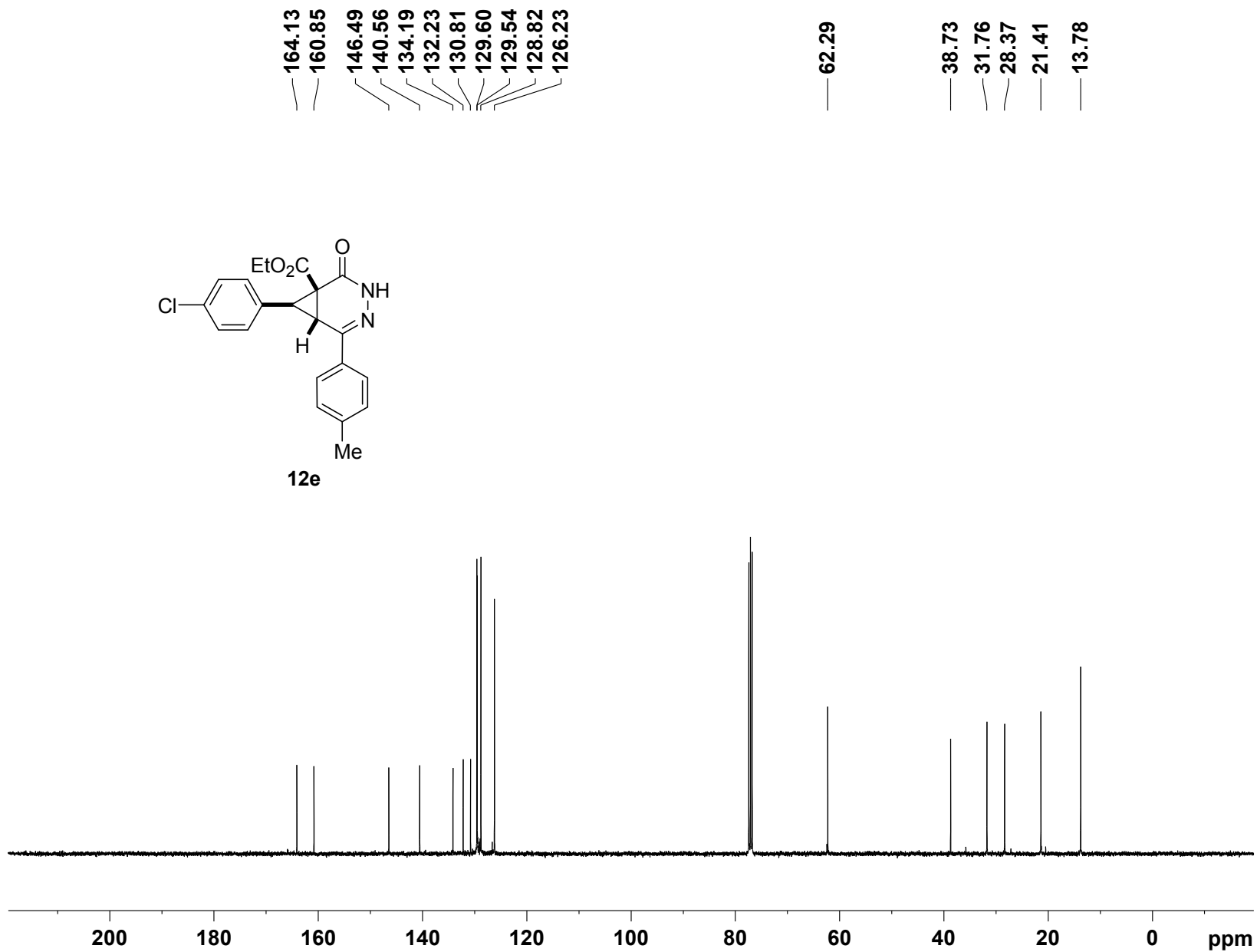
7.707
7.687
7.348
7.327
7.280
7.257
7.235

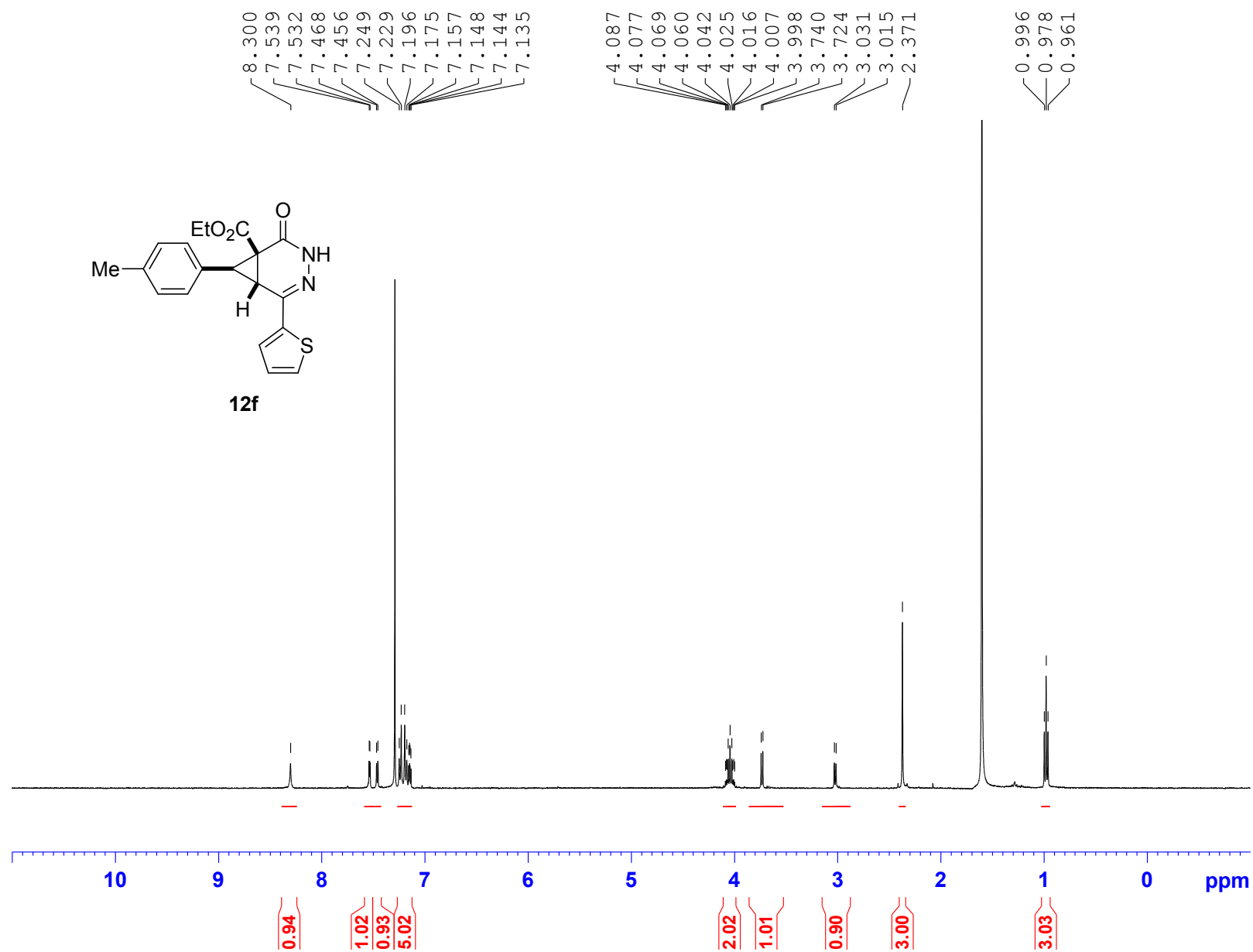
4.039
4.026
4.022
4.008
3.652
3.636
2.916
2.899
— 2.391

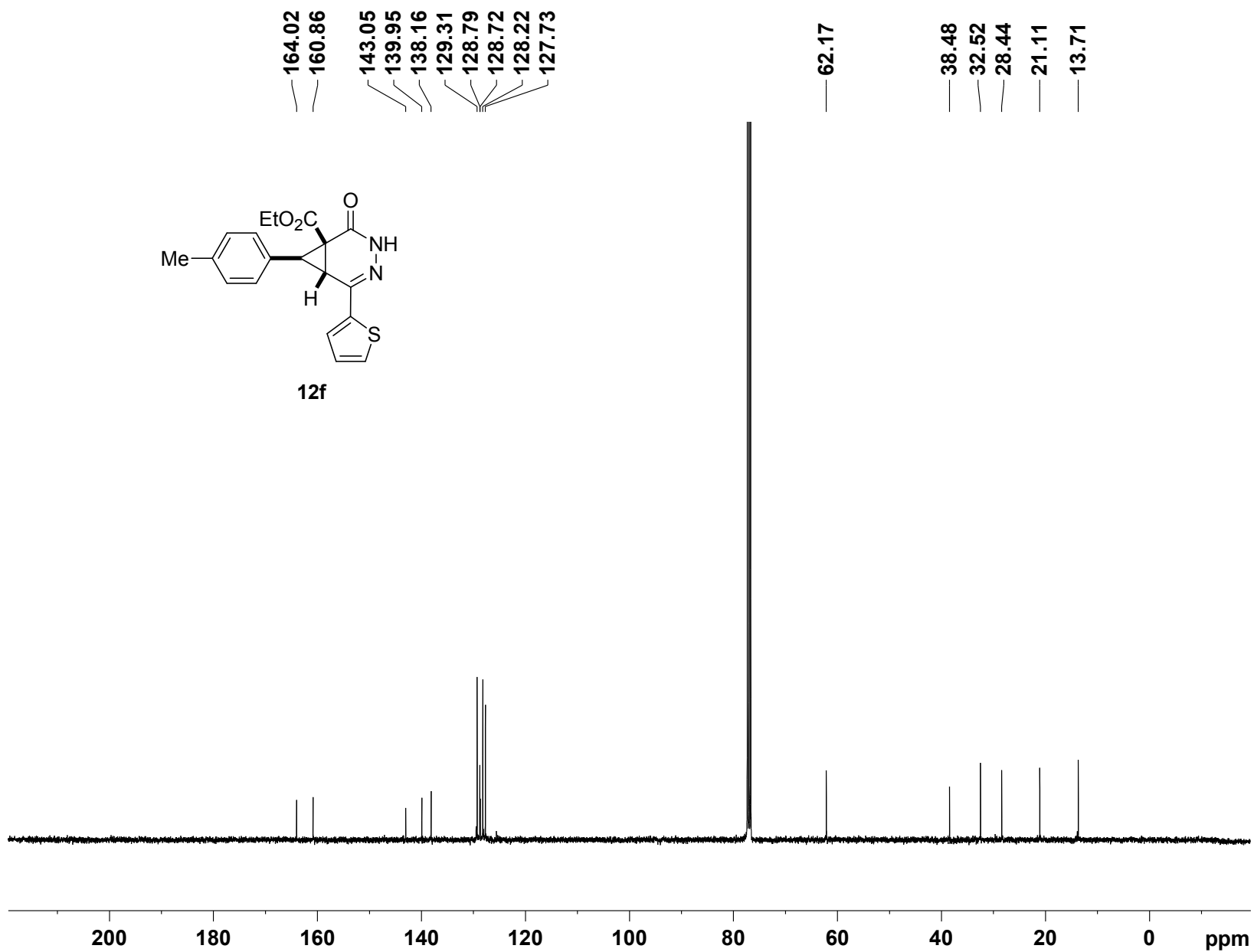
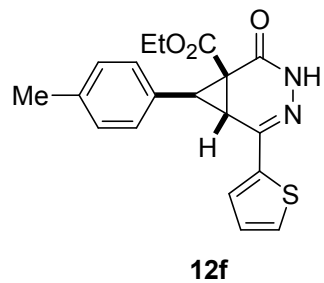
0.984
0.966
0.948

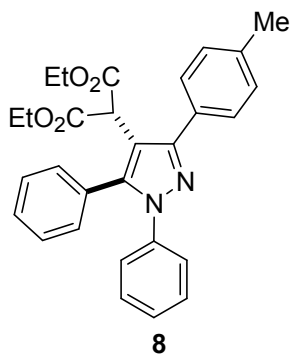


12e









7.721
7.702
7.435
7.417
7.398
7.377
7.374
7.359
7.323
7.303
7.271
7.253
7.234
7.216
7.197
7.141
7.122

4.698

3.957
3.939
3.922
3.904

2.344

1.125
1.108
1.090

