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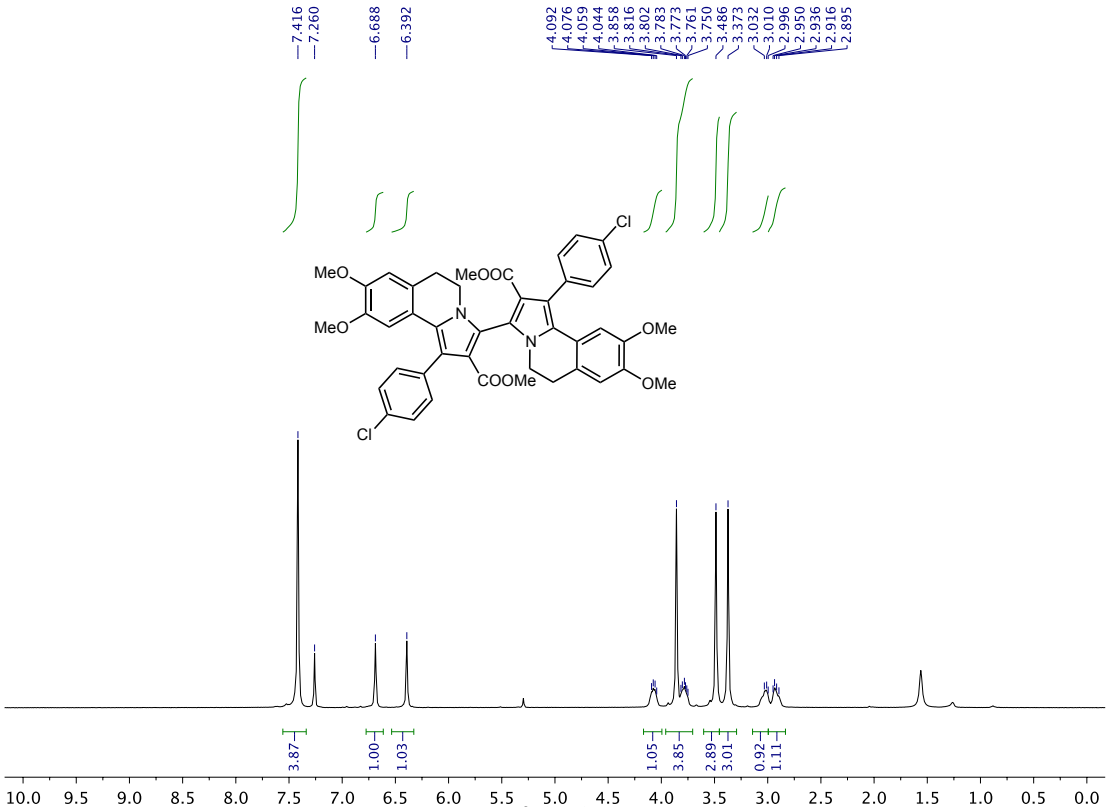

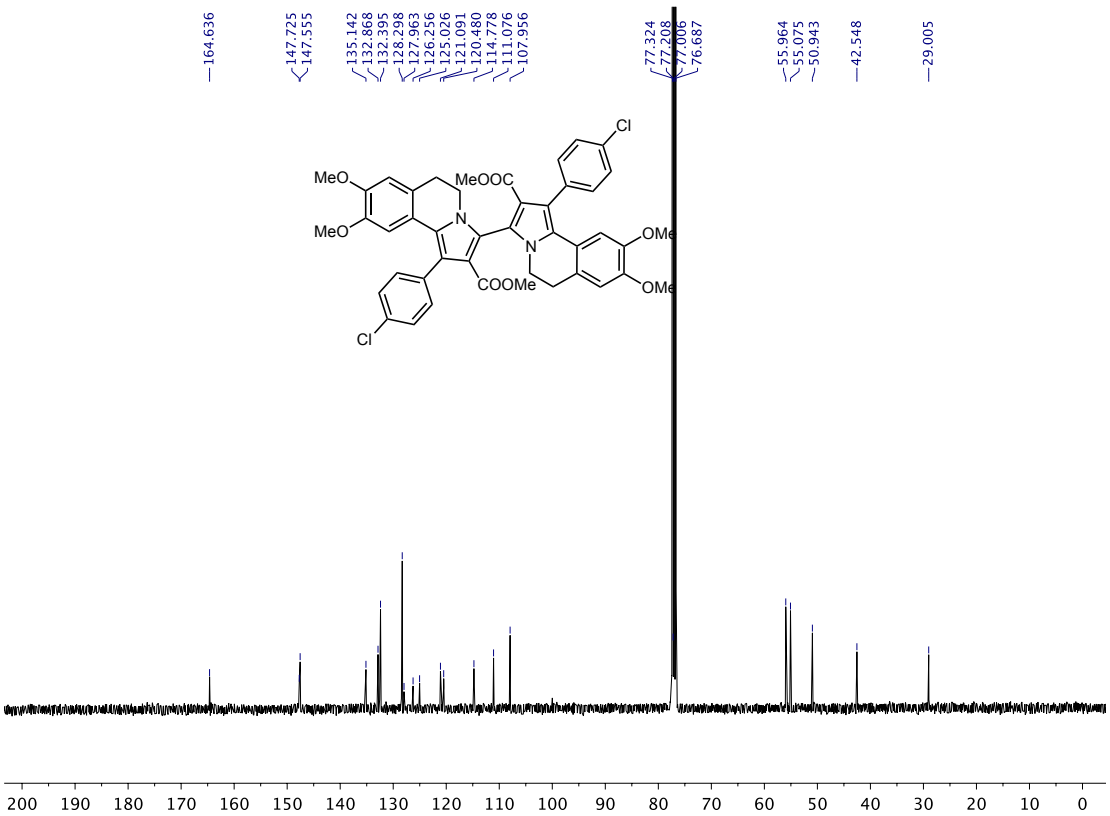

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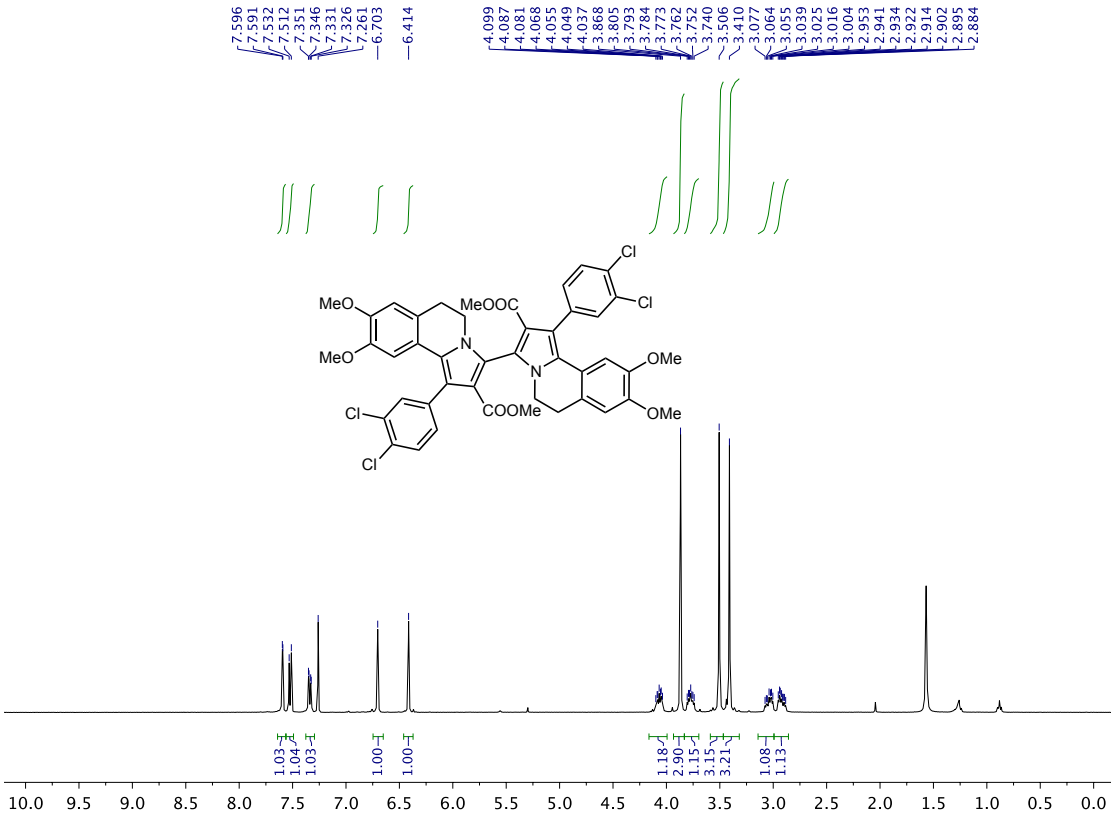
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4.087
4.081
4.068
4.055
4.049
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3.793
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3.773
3.762
3.752
3.740
3.506
3.410
3.077
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3.039
3.025
3.016
3.004
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2.941
2.934
2.922
2.914
2.902
2.895
2.884
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MeO
MeOOC
N
N
Cl
Cl
OMe
OMe
COOMe
Cl
Cl
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1.04
1.03
1.00
1.00
1.18
2.90
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3.15
3.21
1.08
1.13
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9.5
9.0
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8.0
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7.0
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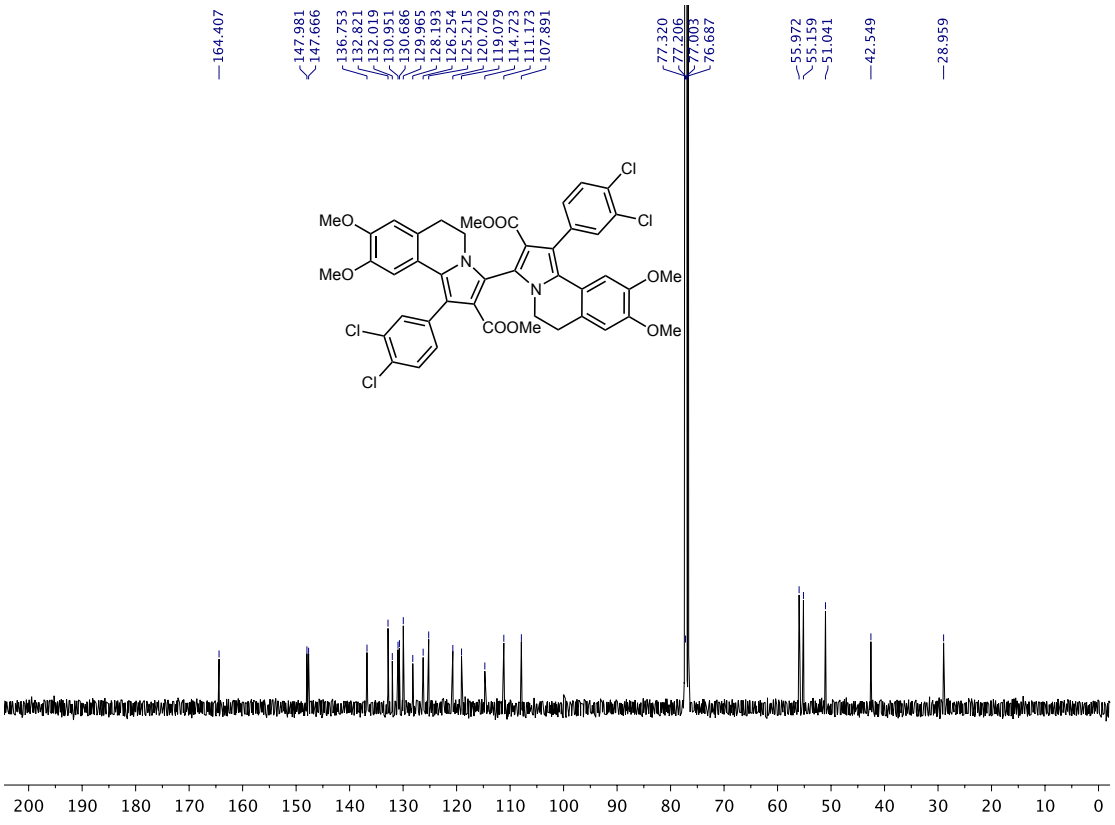
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128.193
126.254
125.215
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114.723
111.173
107.891
77.320
77.206
77.003
76.687
55.972
55.159
51.041
42.549
28.959
MeO
MeO
MeOOC
N
N
Cl
Cl
OMe
OMe
COOMe
Cl
Cl
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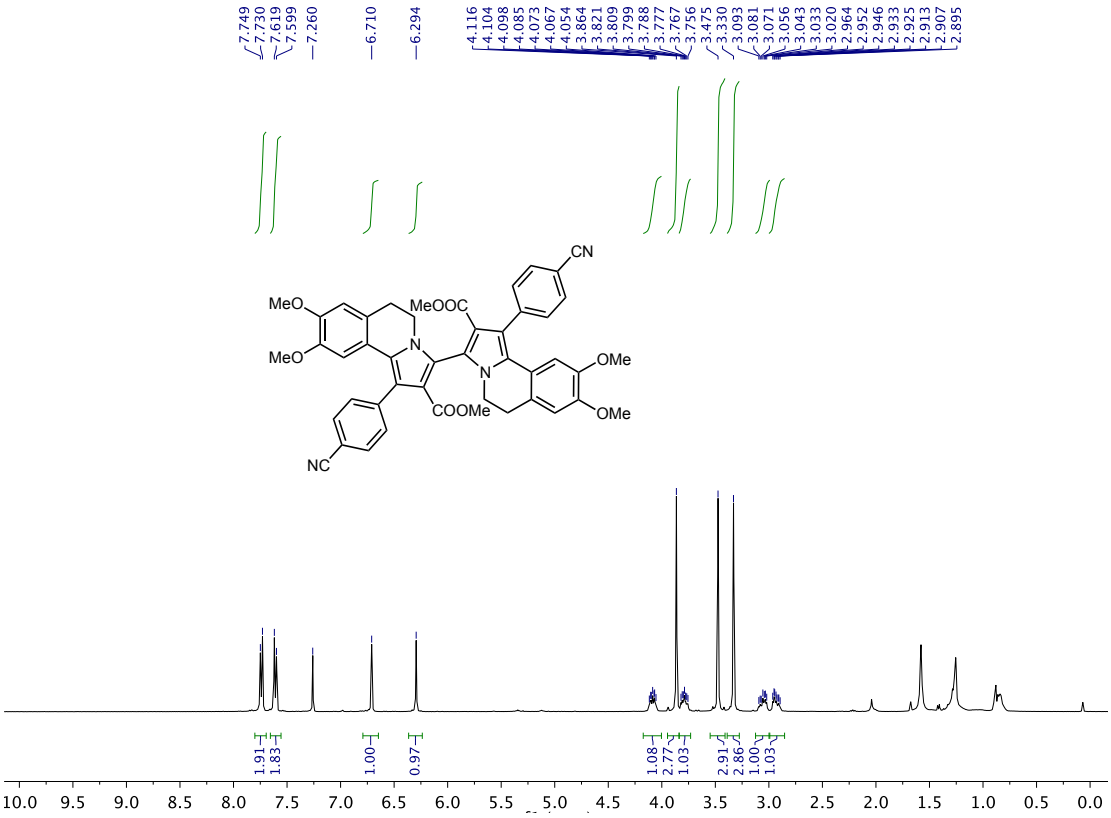
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4.085
4.073
4.067
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3.864
3.821
3.809
3.799
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3.475
3.330
3.093
3.081
3.071
3.056
3.043
3.033
3.020
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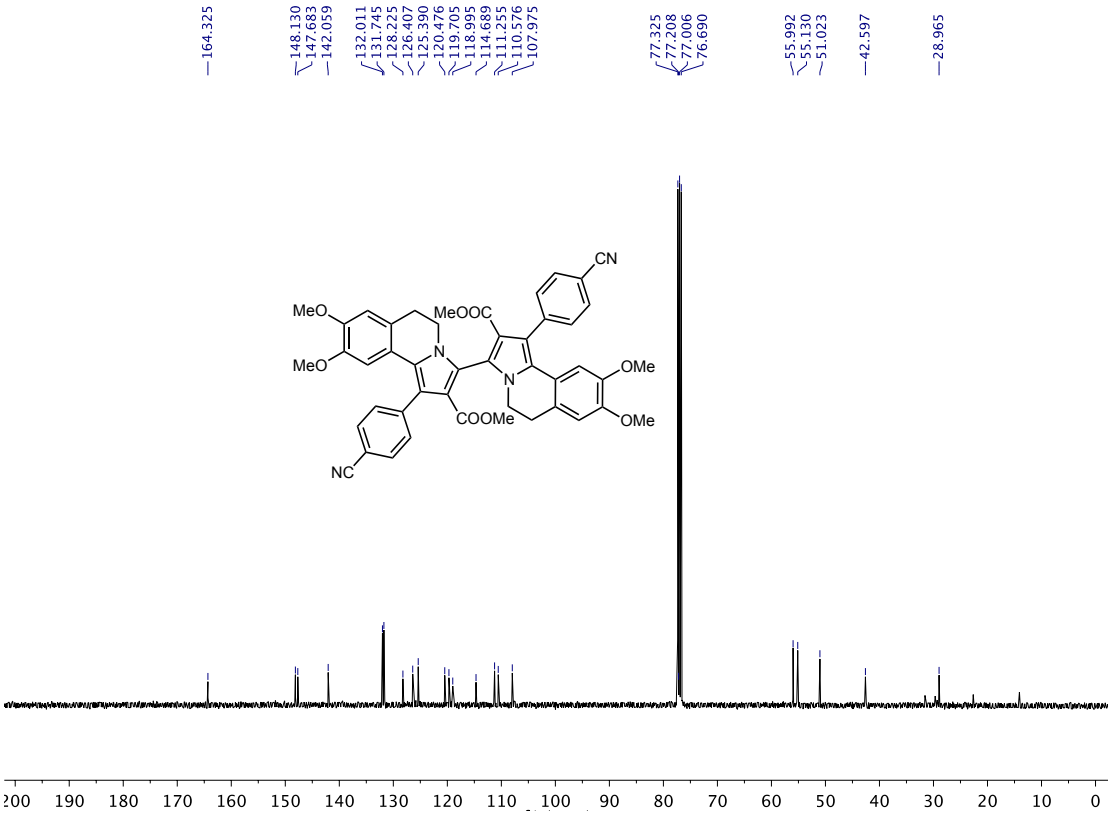
2.952
2.946
2.933
2.925
2.913
2.907
2.895
CN
MeO
MeO
MeOOC
N
N
OMe
OMe
COOMe
NC
1.91
1.83
1.00
0.97
1.08
2.77
1.03
2.91
2.86
1.00
1.03
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0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77.006
76.690
55.992
55.130
51.023
42.597
28.965
CN
MeO
MeO
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N
OMe
OMe
COOMe
NC
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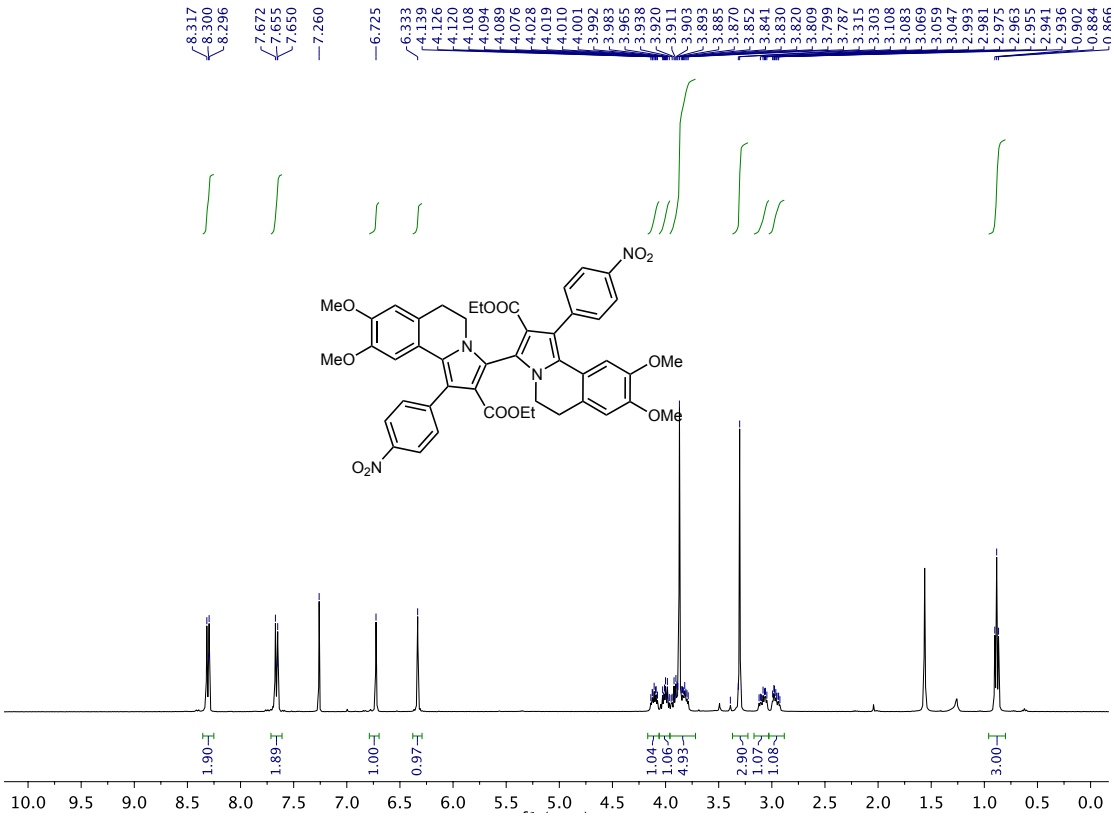
Compound **2d:**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4.139
4.126
4.120
4.108
4.094
4.089
4.076
4.028
4.019
4.010
4.001
3.992
3.983
3.965
3.938
3.920
3.911
3.903
3.893
3.885
3.870
3.852
3.841
3.830
3.820
3.809
3.799
3.787
3.315
3.303
3.108
3.083
3.069
3.059
3.047
2.993
2.981
2.975
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2.955
2.941
2.936
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0.884
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MeO
EtOOC
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OMe
OMe
COOEt
O2N
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1.89
1.00
0.97
1.04
1.06
4.93
2.90
1.07
1.08
3.00
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
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5.0
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4.0
3.5
3.0
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2.0
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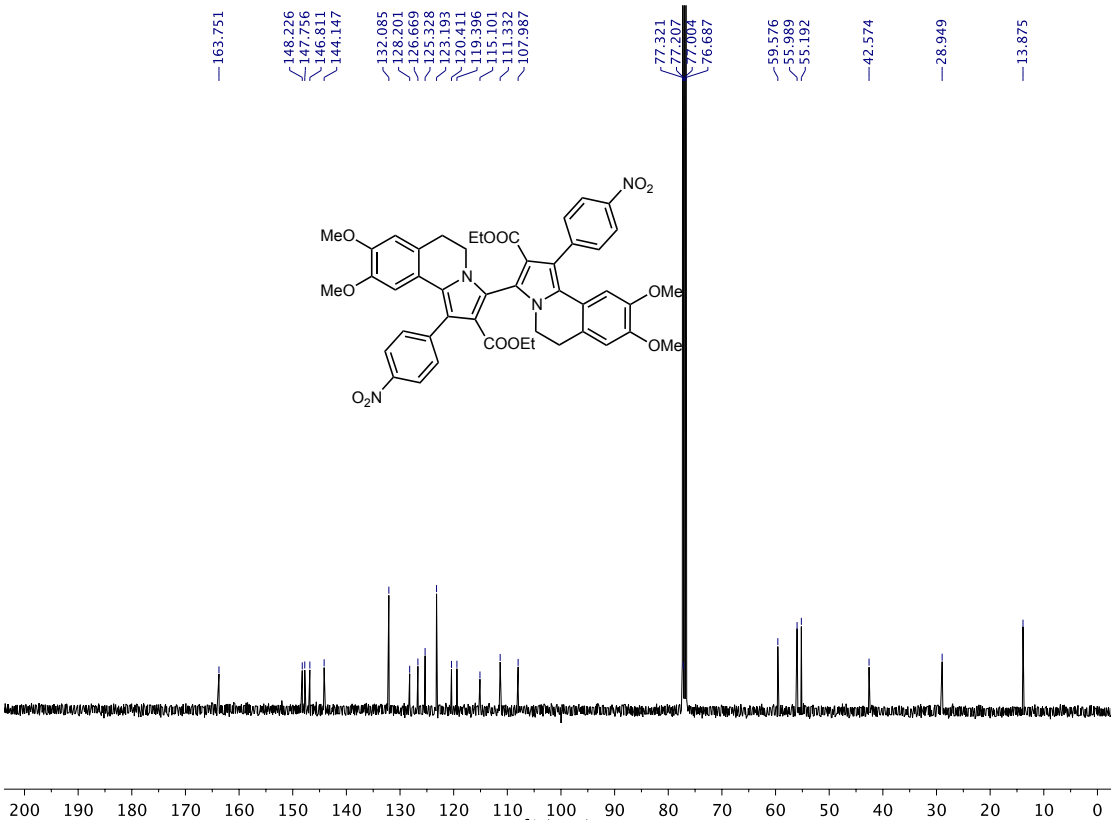
1.0
0.5
0.0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77.207
77.004
76.687
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42.574
28.949
13.875
NO2
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MeO
EtOOC
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OMe
OMe
COOEt
O2N
200
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120
110
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0

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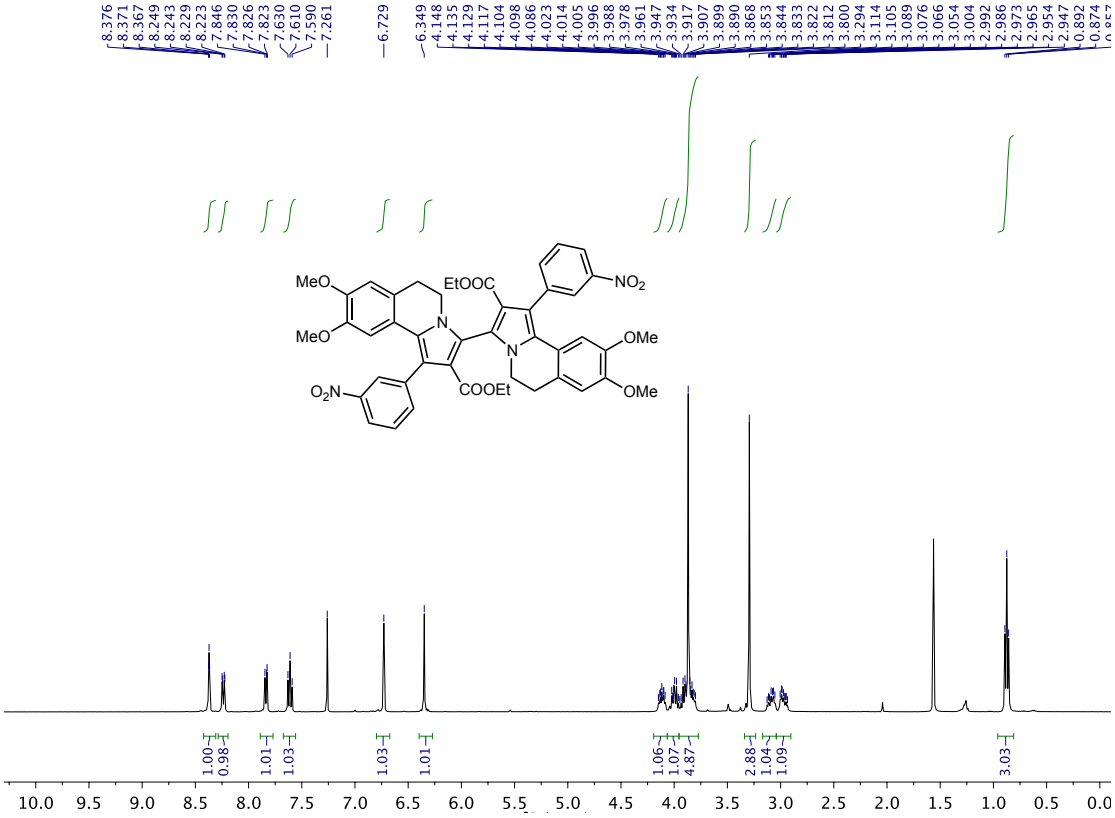
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7.846
7.830
7.826
7.823
7.630
7.610
7.590
7.261
6.729
6.349
4.148
4.135
4.129
4.117
4.104
4.098
4.086
4.023
4.014
4.005
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3.054
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OMe
OMe
O2N
COOEt
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1.01
1.03
1.03
1.01
1.06
1.07
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1.09
3.03
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9.5
9.0
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7.5
7.0
6.5
6.0
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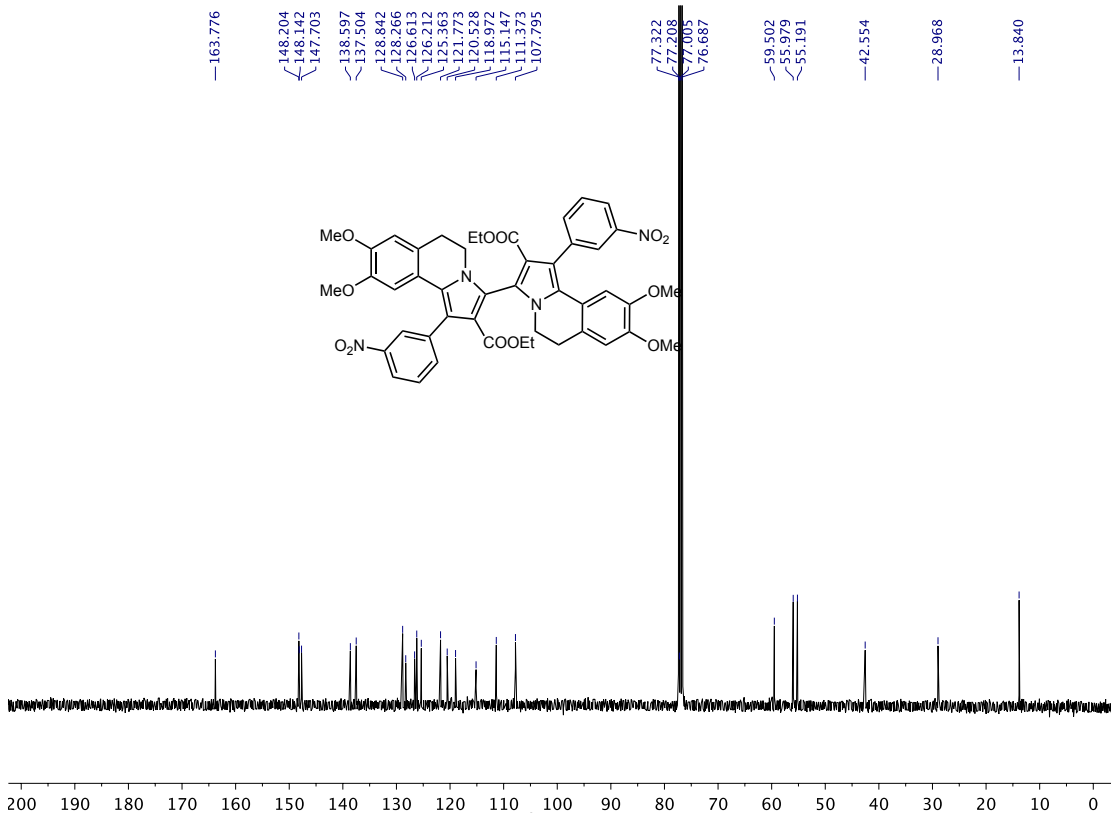
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76.687
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55.191
42.554
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MeO
EtOOC
NO2
N
N
OMe
OMe
O2N
COOEt
200
190
180
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110
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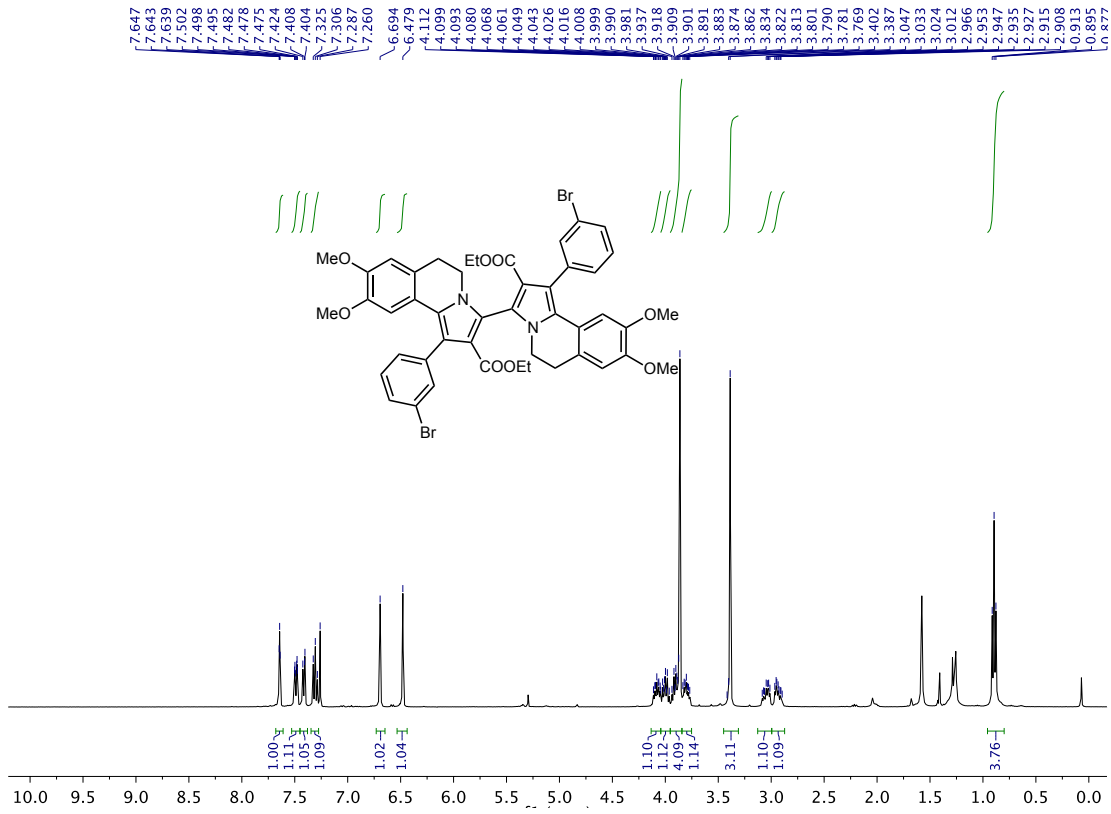
0

Compound **2f:**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7.478
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7.404
7.325
7.306
7.287
7.260
6.694
6.479
4.112
4.099
4.093
4.080
4.068
4.061
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4.043
4.026
4.016
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3.999
3.990
3.981
3.937
3.918
3.909
3.901
3.891
3.883
3.874
3.862
3.834
3.822
3.813
3.801
3.790
3.781
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3.402
3.387
3.047
3.033
3.024
3.012
2.966
2.953
2.947
2.935
2.927
2.915
2.908
0.913
0.895
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MeO
EtOOC
COOEt
OMe
OMe
Br
Br
1.00
1.11
1.05
1.09
1.02
1.04
1.10
1.12
4.09
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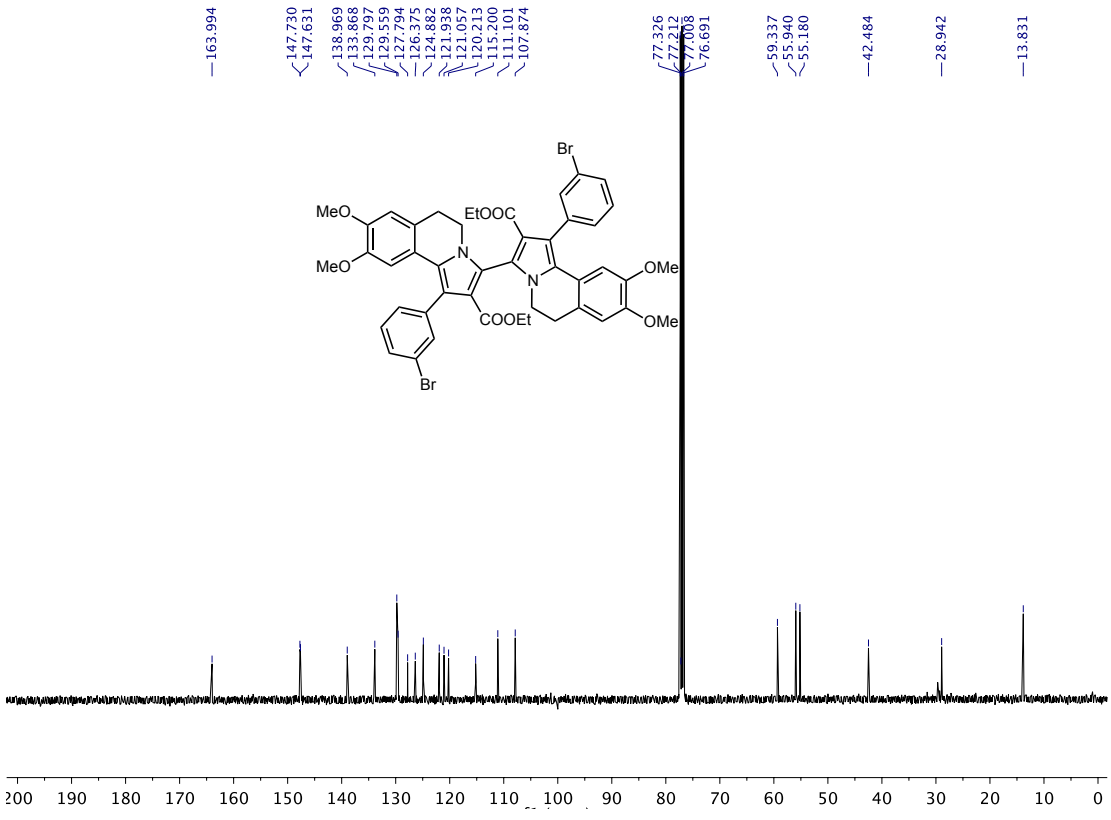
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121.938
121.057
120.213
115.200
111.101
107.874
77.326
77.212
77.008
76.691
59.337
55.940
55.180
42.484
28.942
13.831
MeO
MeO
EtOOC
COOEt
OMe
OMe
Br
Br
200
190
180
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120
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40
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0

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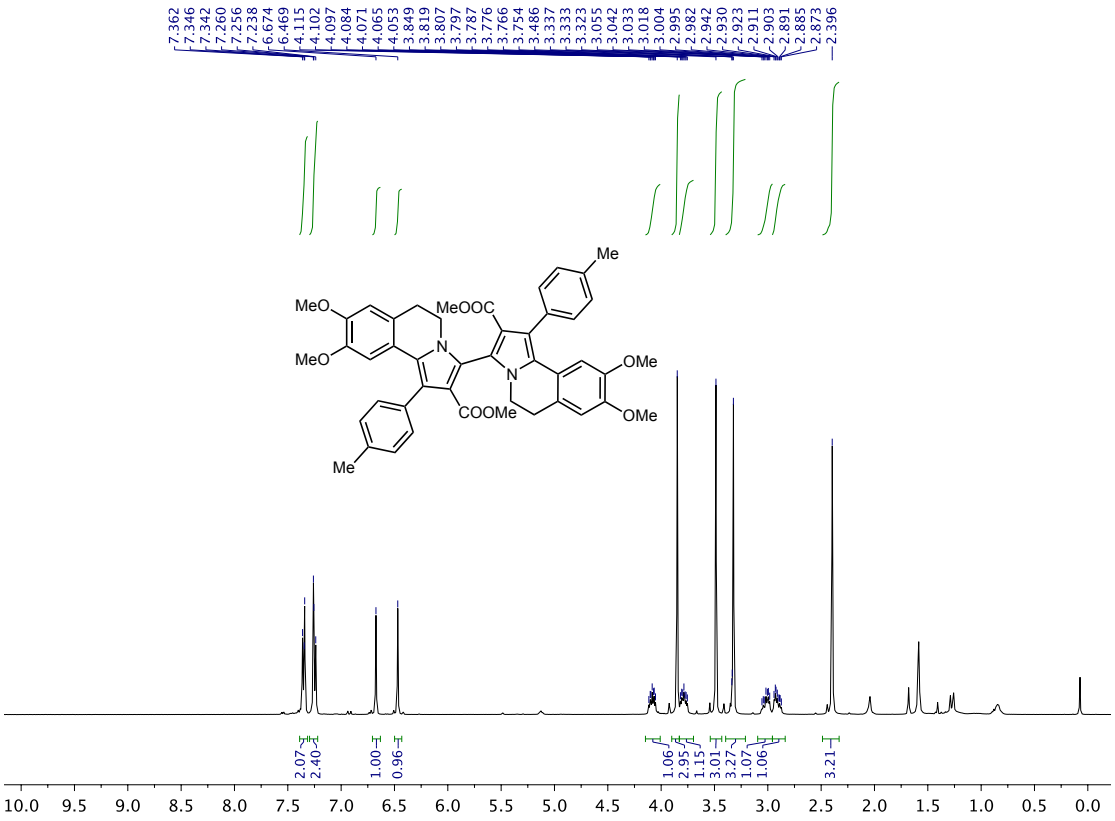
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4.084
4.071
4.065
4.053
3.849
3.819
3.807
3.797
3.787
3.776
3.766
3.754
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3.337
3.333
3.323
3.055
3.042
3.033
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3.004
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2.942
2.930
2.923
2.911
2.903
2.891
2.885
2.873
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MeO
MeOOC
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N
OMe
OMe
COOMe
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2.40
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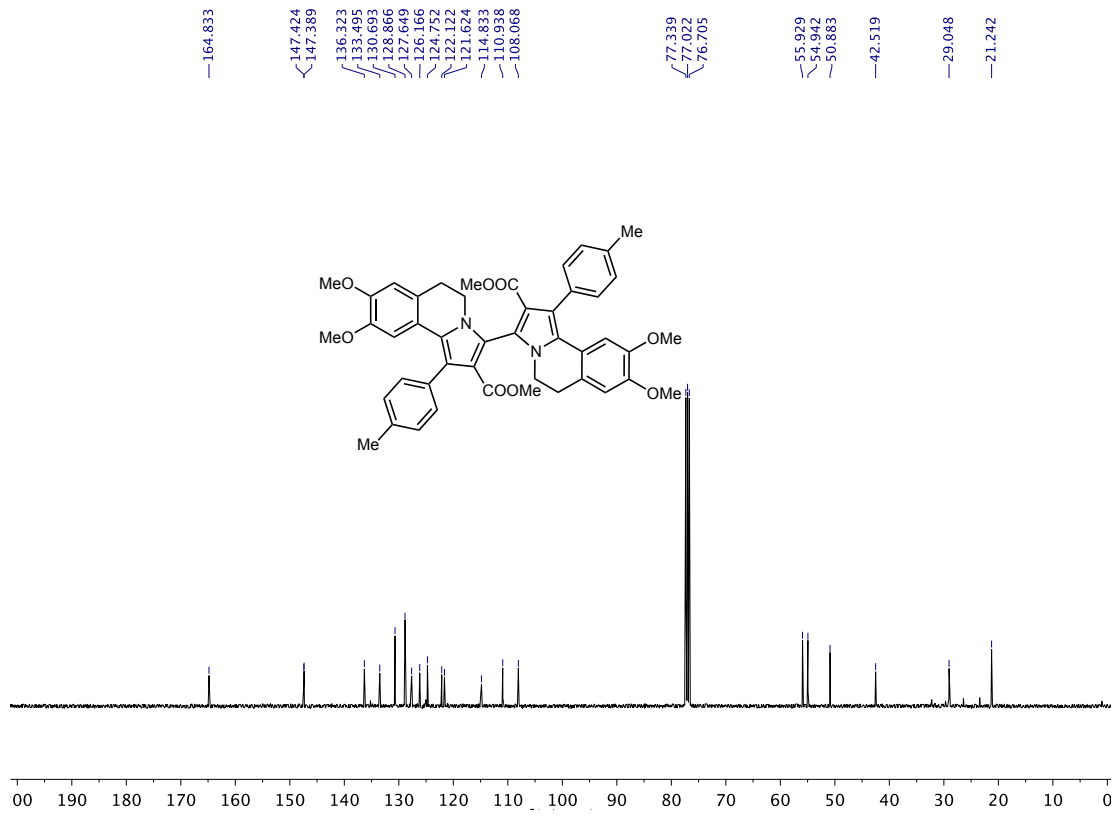
0.96
1.06
2.95
1.15
3.01
3.27
1.07
1.06
3.21
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0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108.068
77.339
77.022
76.705
55.929
54.942
50.883
42.519
29.048
21.242
Me
MeO
MeO
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N
OMe
OMe
COOMe
Me
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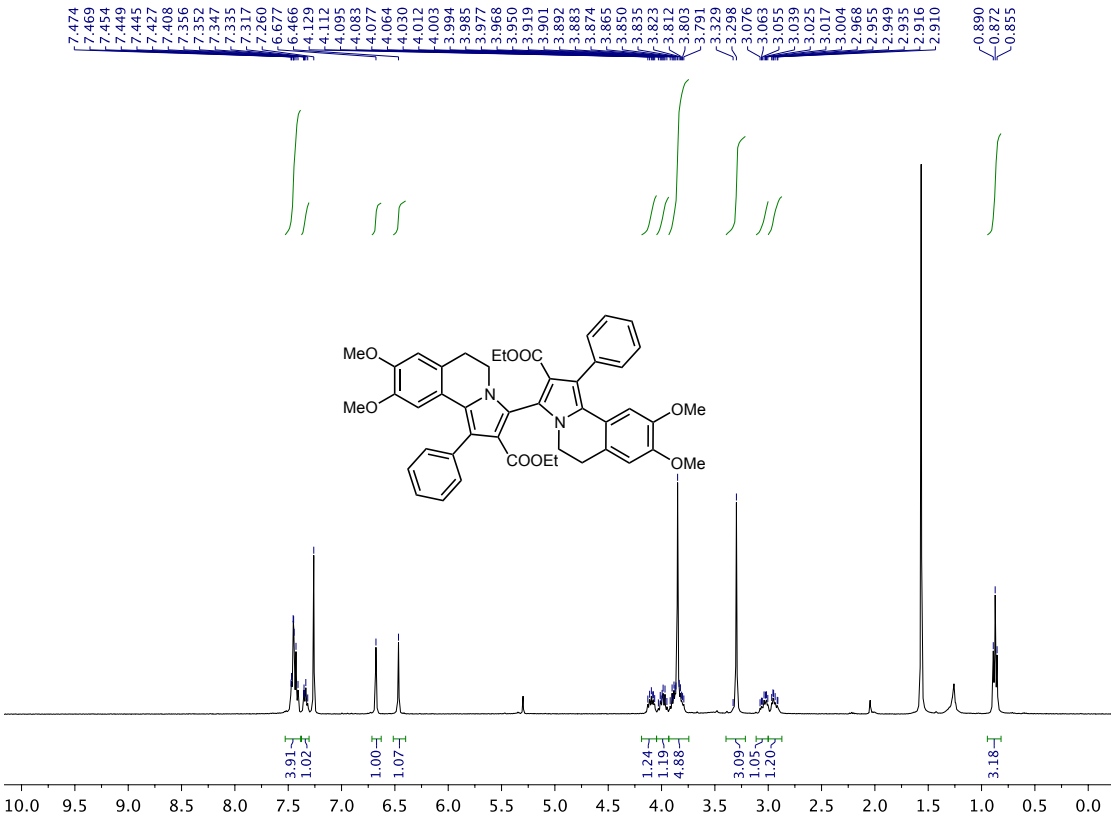
Compound **2h:**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4.030
4.012
4.003
3.994
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3.977
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3.950
3.919
3.901
3.892
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3.812
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COOEt
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OMe
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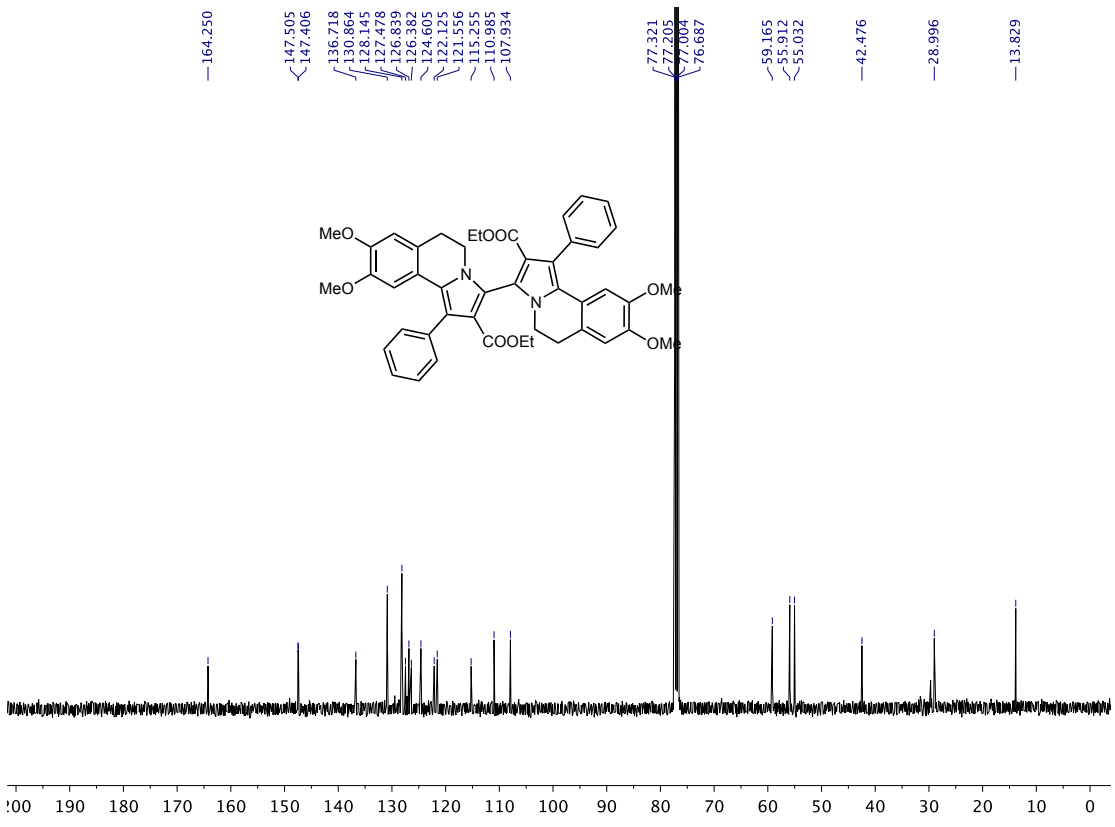
0.0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77.004
76.687
59.165
55.912
55.032
42.476
28.996
13.829
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MeO
EtOOC
COOEt
OMe
OMe
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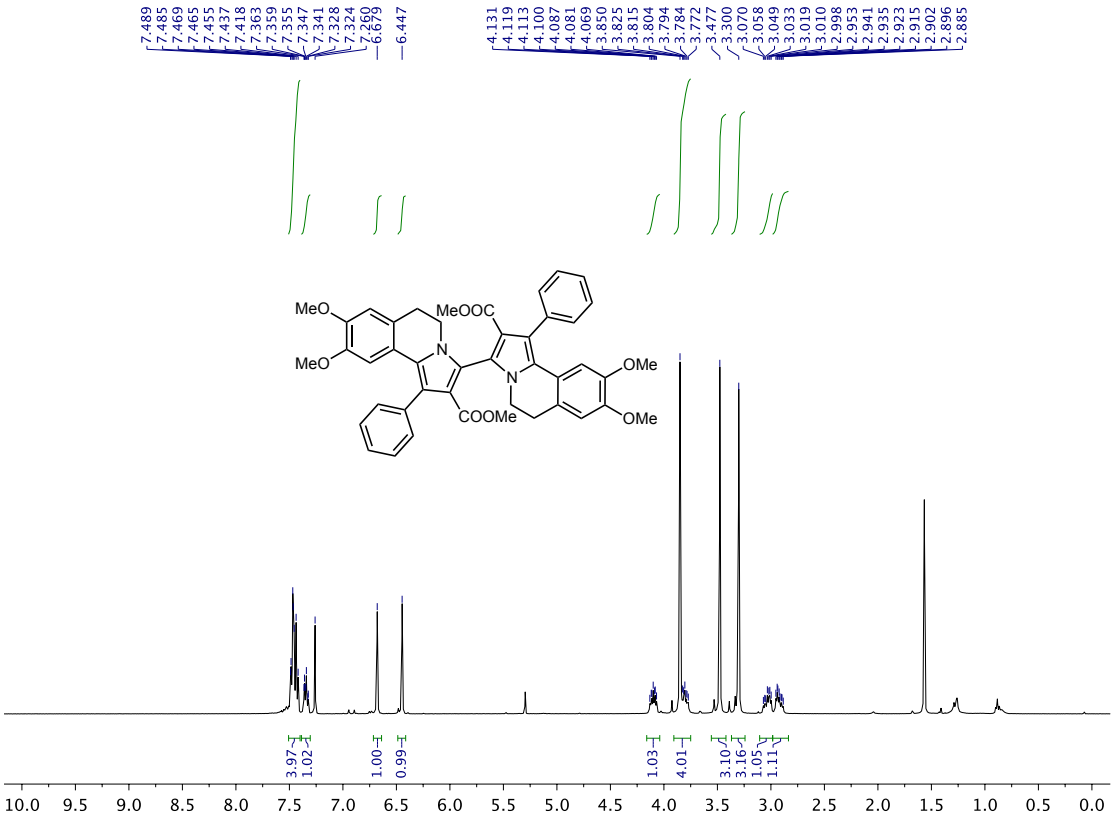
Compound **2i:**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7.328
7.324
7.260
6.679
6.447
4.131
4.119
4.113
4.100
4.087
4.081
4.069
3.850
3.825
3.815
3.804
3.794
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3.058
3.049
3.033
3.019
3.010
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2.941
2.935
2.923
2.915
2.902
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MeO
MeOOC
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OMe
OMe
COOMe
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1.02
1.00
0.99
1.03
4.01
3.10
3.16
1.05
1.11
10.0
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9.0
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8.0
7.5
7.0
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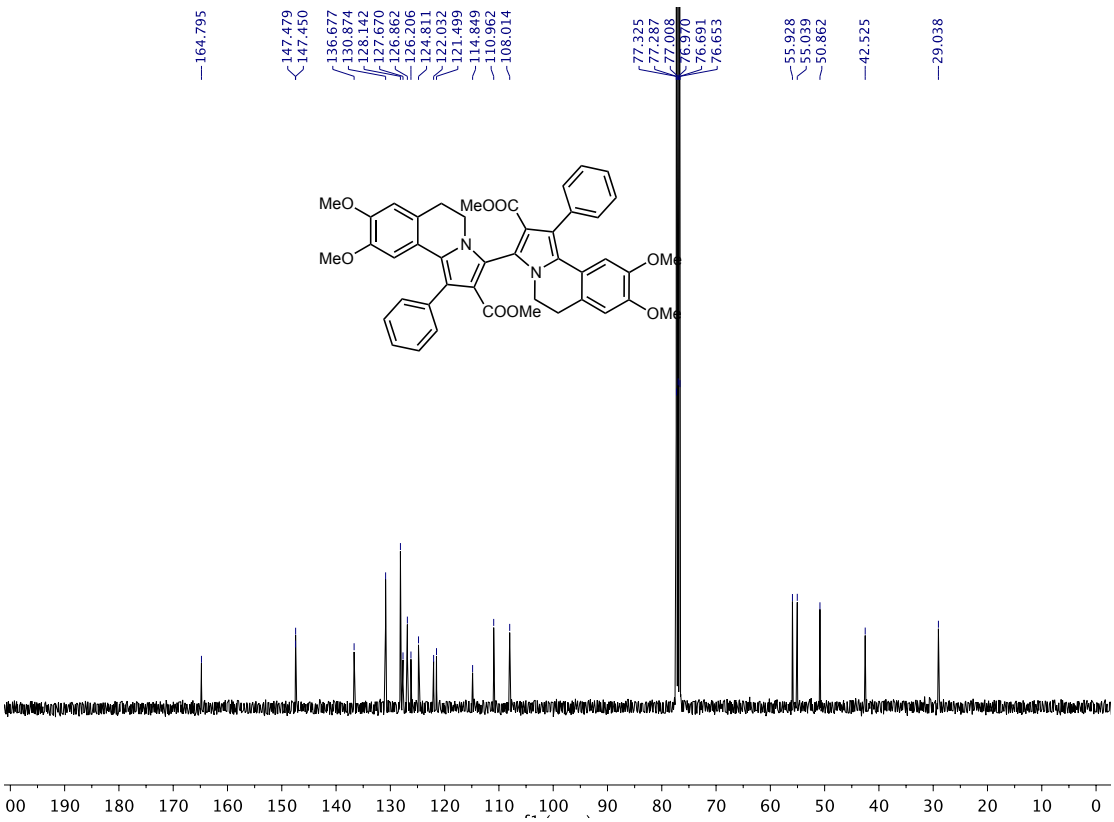
0.0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124.811
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110.962
108.014
77.325
77.287
77.008
76.970
76.691
76.653
55.928
55.039
50.862
42.525
29.038
MeO
MeO
MeOOC
N
N
OMe
OMe
COOMe
00
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180
170
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150
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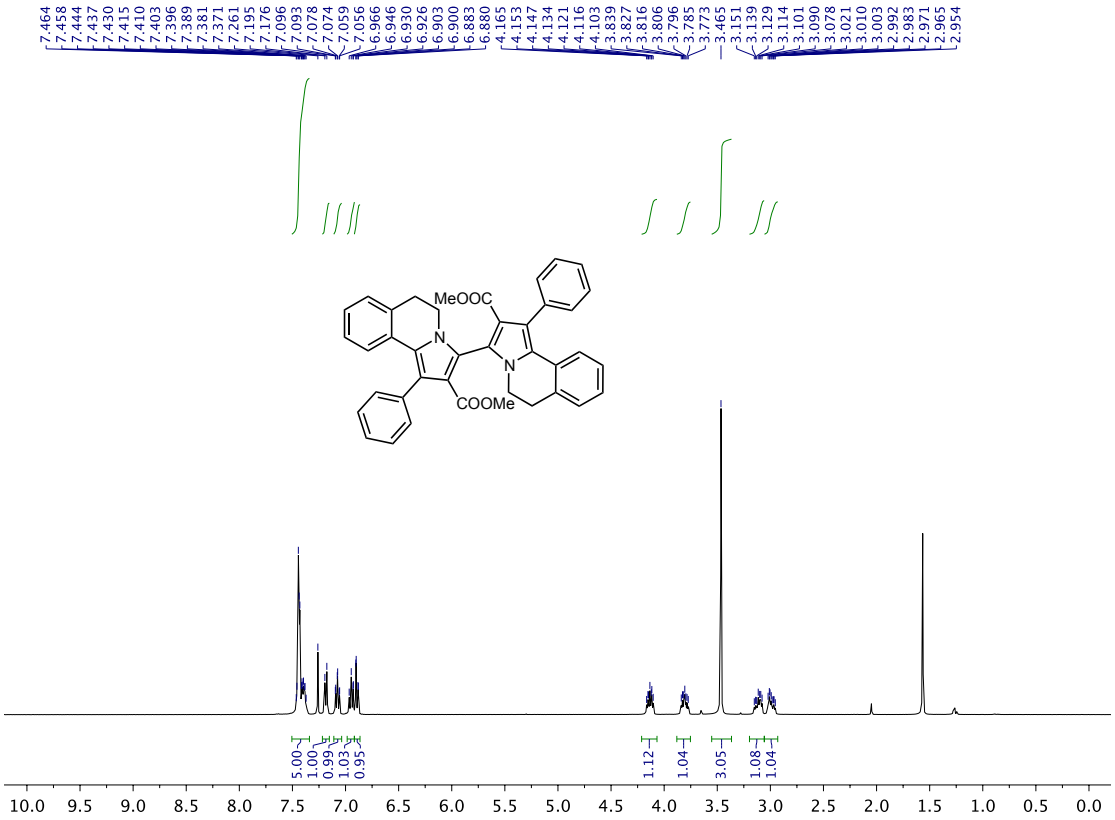
130
120
110
100
90
80
70
60
50
40
30
20
10
0

Compound **2j:**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7.389
7.381
7.371
7.261
7.195
7.176
7.096
7.093
7.078
7.074
7.059
7.056
6.966
6.946
6.930
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6.903
6.900
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4.147
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4.121
4.116
4.103
3.839
3.827
3.816
3.806
3.796
3.785
3.773
3.465
3.151
3.139
3.129
3.114
3.101
3.090
3.078
3.021
3.010
3.003
2.992
2.983
2.971
2.965
2.954
MeOOC
COOMe
5.00
1.00
0.99
1.03
0.95
1.12
1.04
3.05
1.08
1.04
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
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4.0
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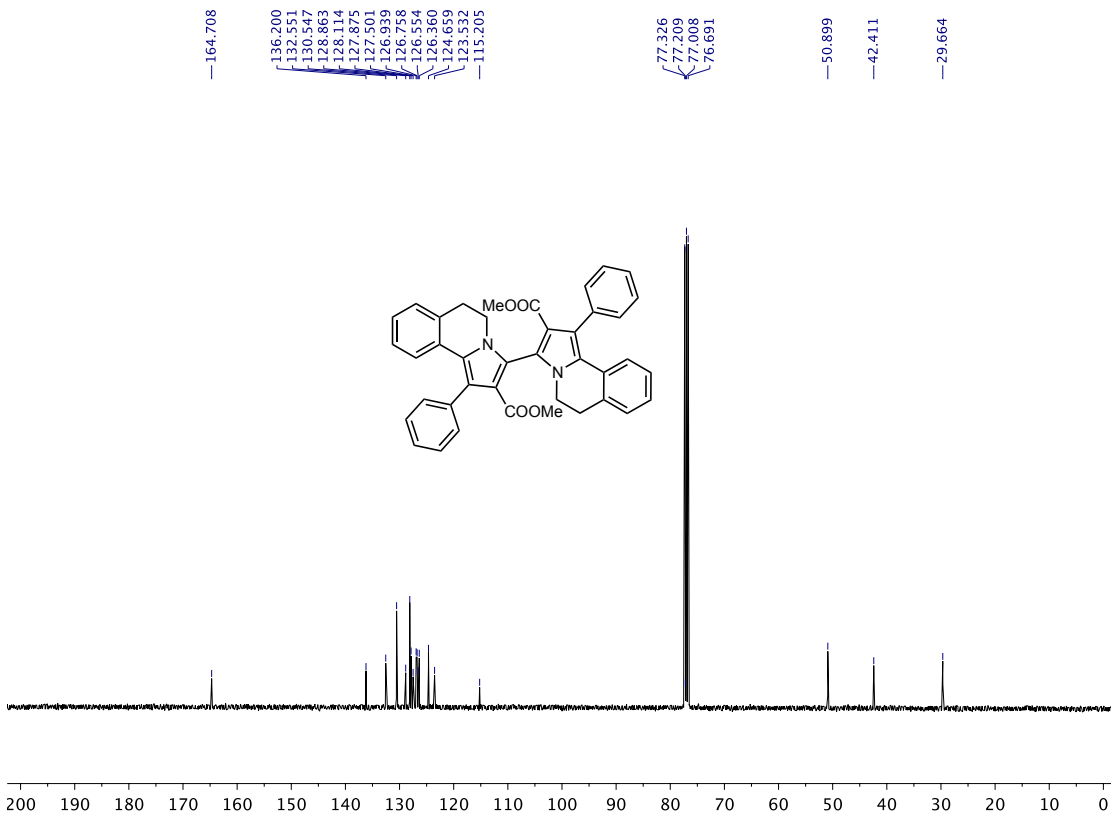
2.5
2.0
1.5
1.0
0.5
0.0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128.114
127.875
127.501
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126.758
126.554
126.360
124.659
123.532
115.205
77.326
77.209
77.008
76.691
50.899
42.411
29.664
MeOOC
COOMe
200
190
180
170
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130
120
110
100
90
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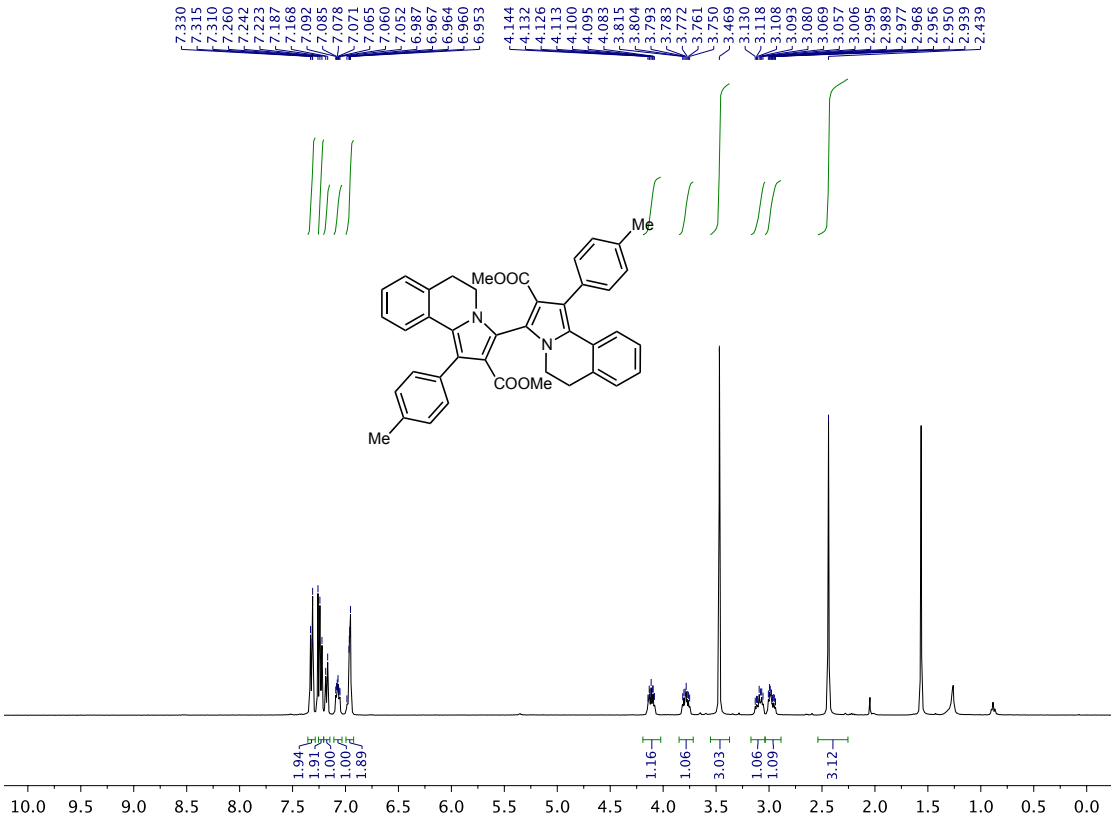
50
40
30
20
10
0

Compound **2k:**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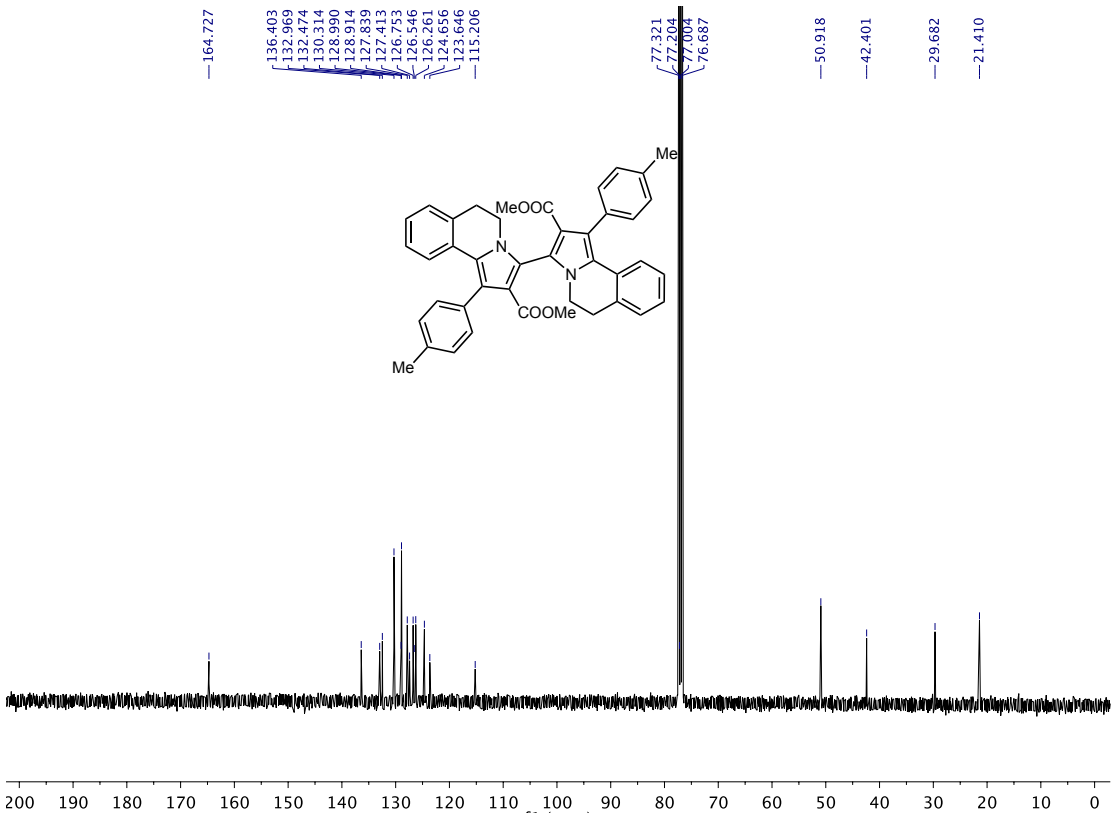
7.260
7.242
7.223
7.187
7.168
7.092
7.085
7.078
7.071
7.065
7.060
7.052
6.987
6.967
6.964
6.960
6.953
4.144
4.132
4.126
4.113
4.100
4.095
4.083
3.815
3.804
3.793
3.783
3.772
3.761
3.750
3.469
3.130
3.118
3.108
3.093
3.080
3.069
3.057
3.006
2.995
2.989
2.977
2.968
2.956
2.950
2.939
2.439
Me
MeOOC
N
N
COOMe
Me
1.94
1.91
1.00
1.00
1.89
1.16
1.06
3.03
1.06
1.09
3.12
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0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128.914
127.839
127.413
126.753
126.546
126.261
124.656
123.646
115.206
77.321
77.204
77.004
76.687
50.918
42.401
29.682
21.410
Me
MeOOC
N
N
COOMe
Me
200
190
180
170
160
150
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130
120
110
100
90
80
70
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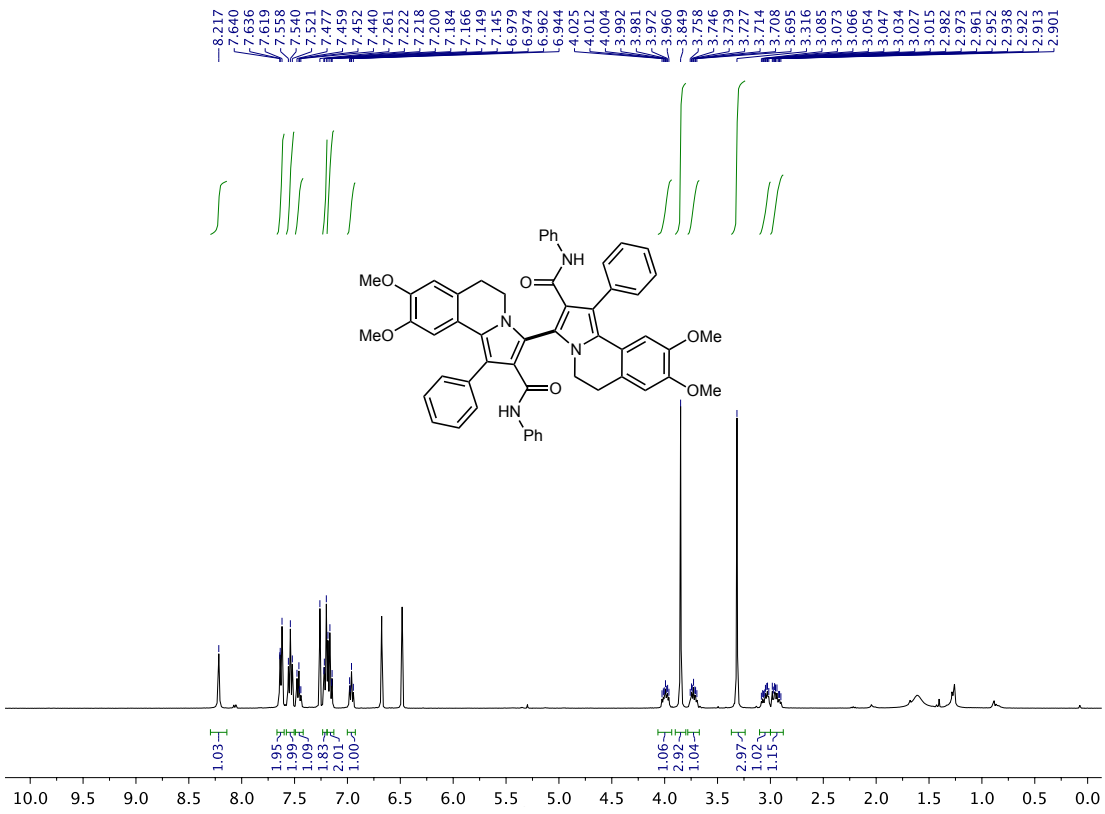
50
40
30
20
10
0

Compound **2l:**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7.521
7.477
7.459
7.452
7.440
7.261
7.222
7.218
7.200
7.184
7.166
7.149
7.145
6.979
6.974
6.962
6.944
4.025
4.012
4.004
3.992
3.981
3.972
3.960
3.849
3.758
3.746
3.739
3.727
3.714
3.708
3.695
3.316
3.085
3.073
3.066
3.054
3.047
3.034
3.027
3.015
2.982
2.973
2.961
2.952
2.938
2.922
2.913
2.901
Ph
NH
O
MeO
MeO
N
N
OMe
OMe
O
HN
Ph
1.03
1.95
1.99
1.09
1.83
2.01
1.00
1.06
2.92
1.04
2.97
1.02
1.15
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
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4.0
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3.0
2.5
2.0
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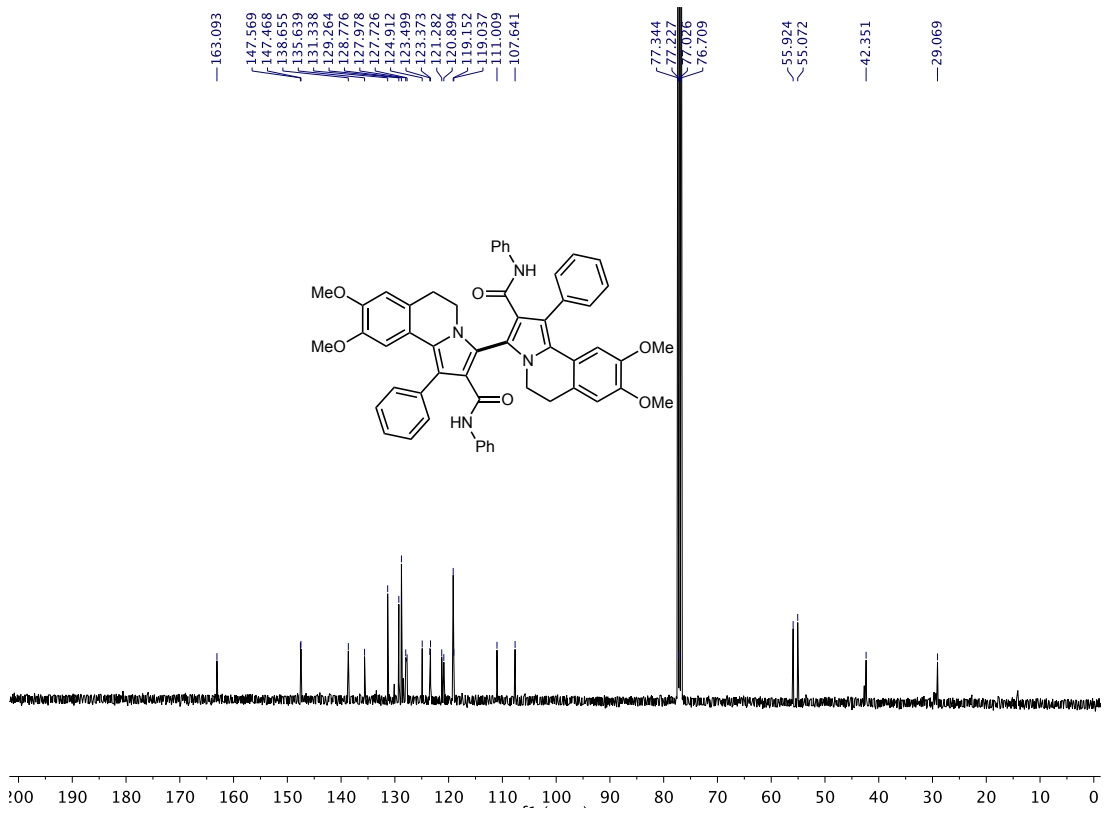
0.0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147.468
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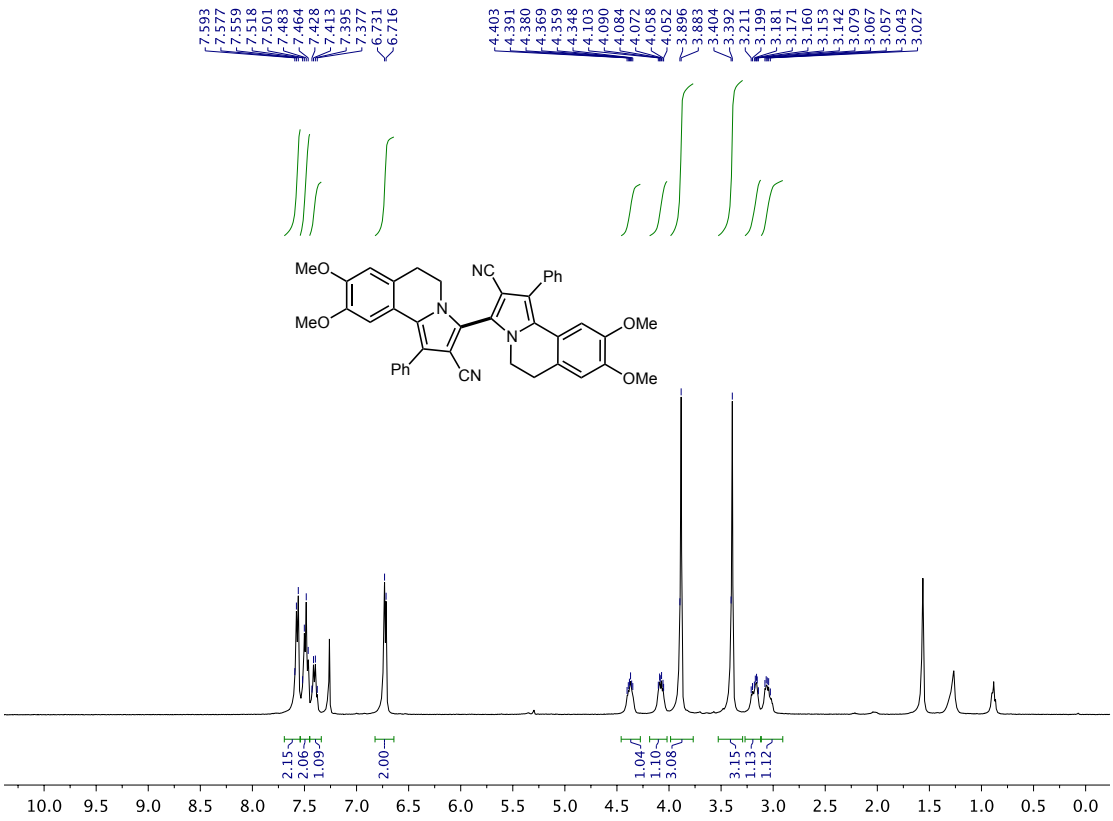
135.639
131.338
129.264
128.776
127.978
127.726
124.912
123.499
123.373
121.282
120.894
119.152
119.037
111.009
107.641
77.344
77.227
77.026
76.709
55.924
55.072
42.351
29.069
Ph
NH
O
MeO
MeO
N
N
OMe
OMe
O
HN
Ph
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

Compound **2m:**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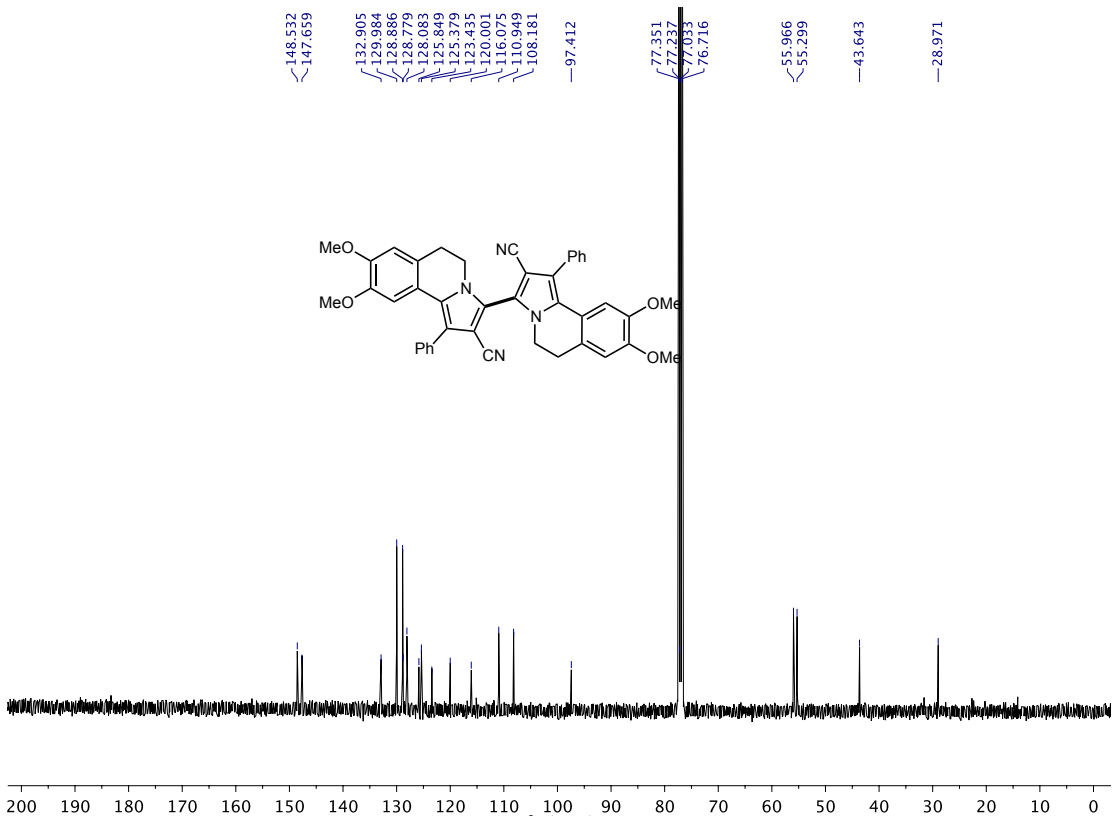
7.559
7.518
7.501
7.483
7.464
7.428
7.413
7.395
7.377
6.731
6.716
4.403
4.391
4.380
4.369
4.359
4.348
4.103
4.090
4.084
4.072
4.058
4.052
3.896
3.883
3.404
3.392
3.211
3.199
3.181
3.171
3.160
3.153
3.142
3.079
3.067
3.057
3.043
3.027
MeO
MeO
NC
Ph
OMe
OMe
Ph
CN
2.15
2.06
1.09
2.00
1.04
1.10
3.08
3.15
1.13
1.12
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0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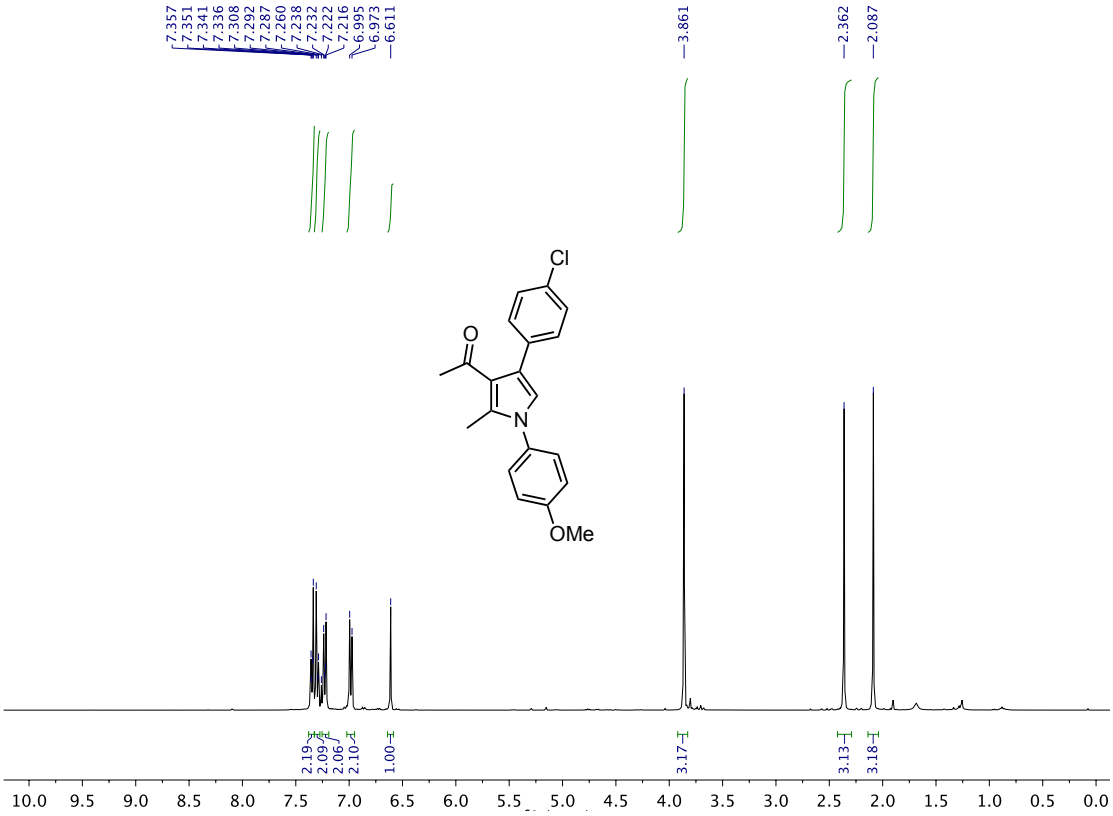
147.659
132.905
129.984
128.886
128.779
128.083
125.849
125.379
123.435
120.001
116.075
110.949
108.181
97.412
77.351
77.237
77.033
76.716
55.966
55.299
43.643
28.971
MeO
MeO
NC
Ph
OMe
OMe
Ph
CN
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

Compound **3a:**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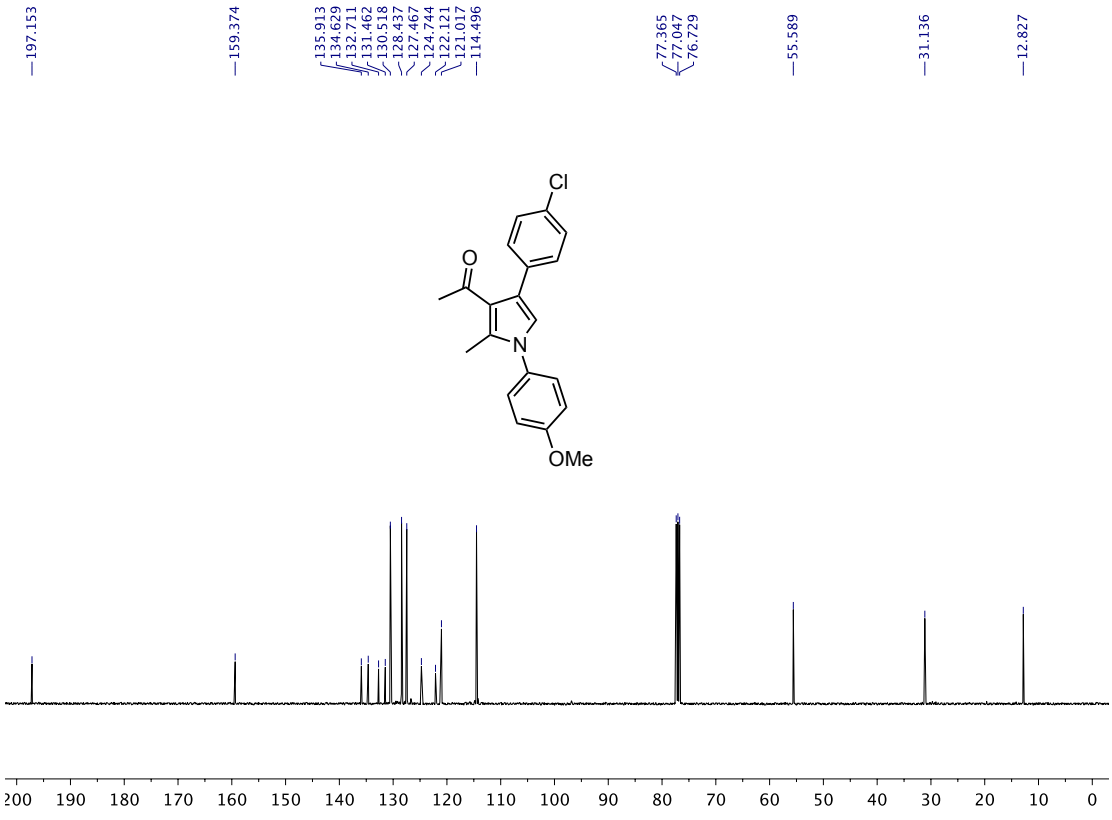
7.308
7.292
7.287
7.260
7.238
7.232
7.222
7.216
6.995
6.973
6.611
3.861
2.362
2.087
Cl
O
N
OMe
2.19
2.09
2.06
2.10
1.00
3.17
3.13
3.18
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0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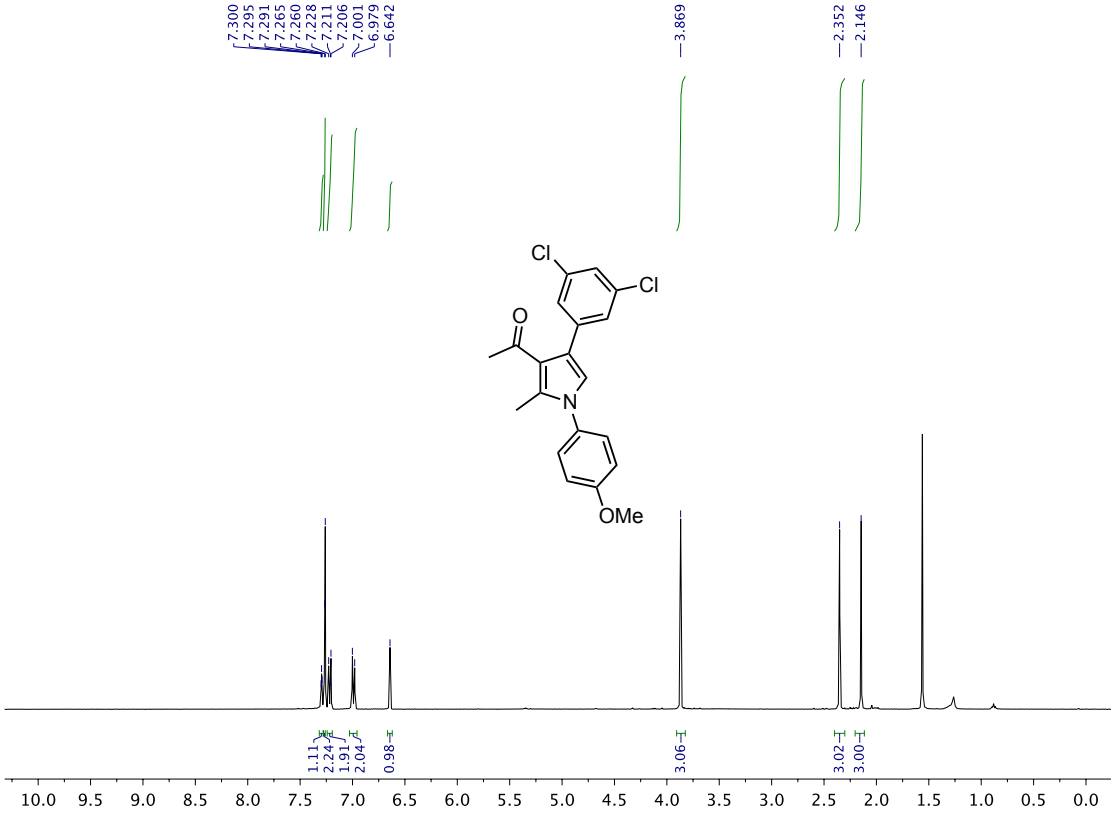
135.913
134.629
132.711
131.462
130.518
128.437
127.467
124.744
122.121
121.017
114.496
77.365
77.047
76.729
55.589
31.136
12.827
Cl
O
N
OMe
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

Compound **3b:**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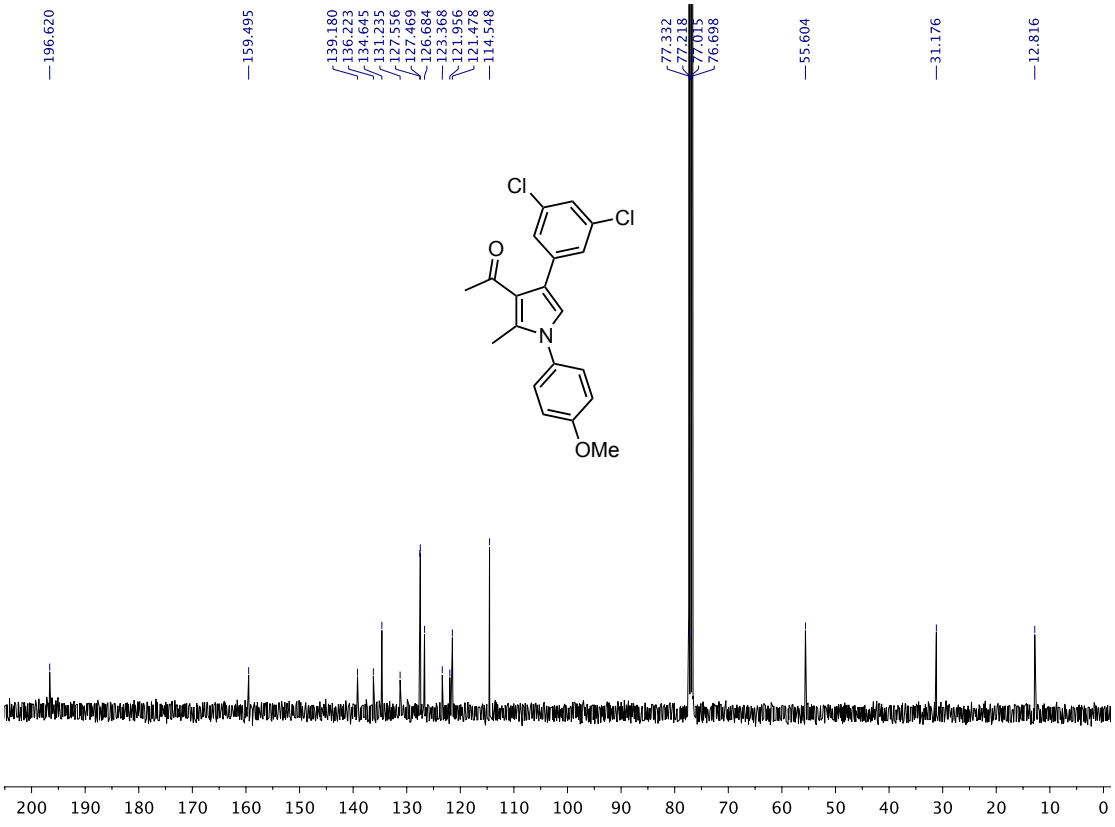
7.295
7.291
7.265
7.260
7.228
7.211
7.206
7.001
6.979
6.642
3.869
2.352
2.146
Cl
Cl
O
N
OMe
1.11
2.24
1.91
2.04
0.98
3.06
3.02
3.00
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0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131.235
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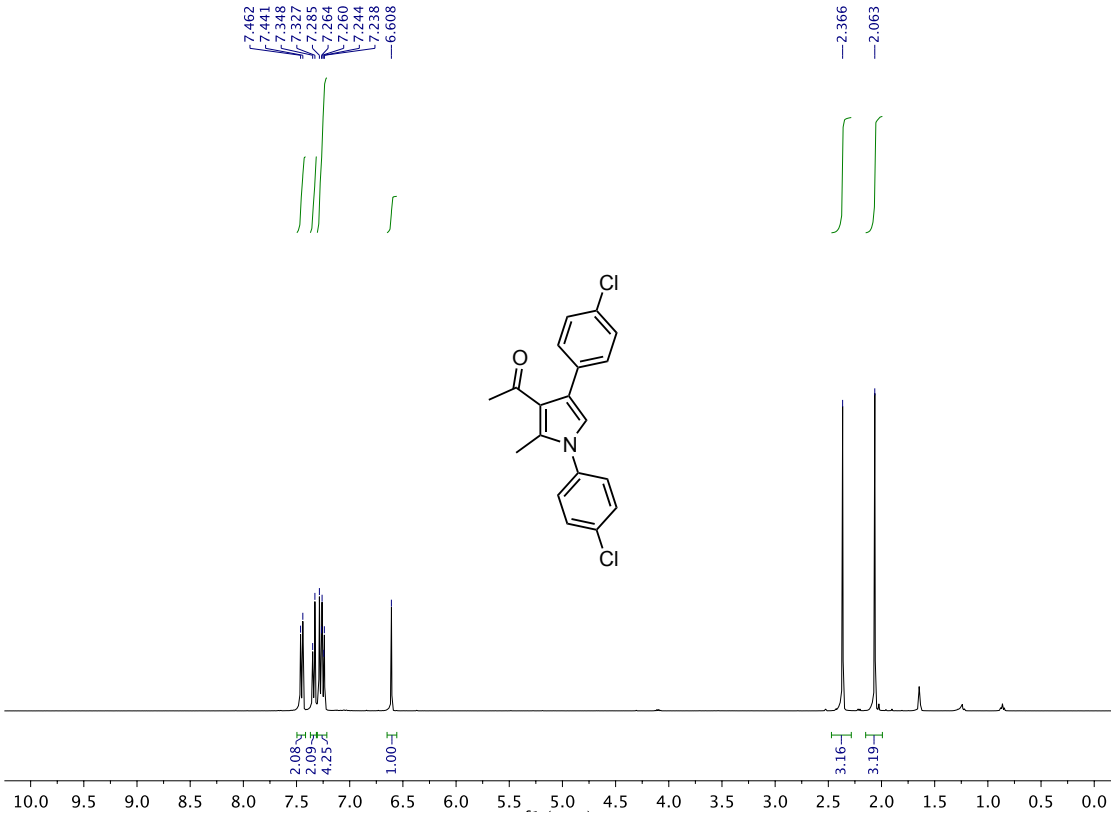
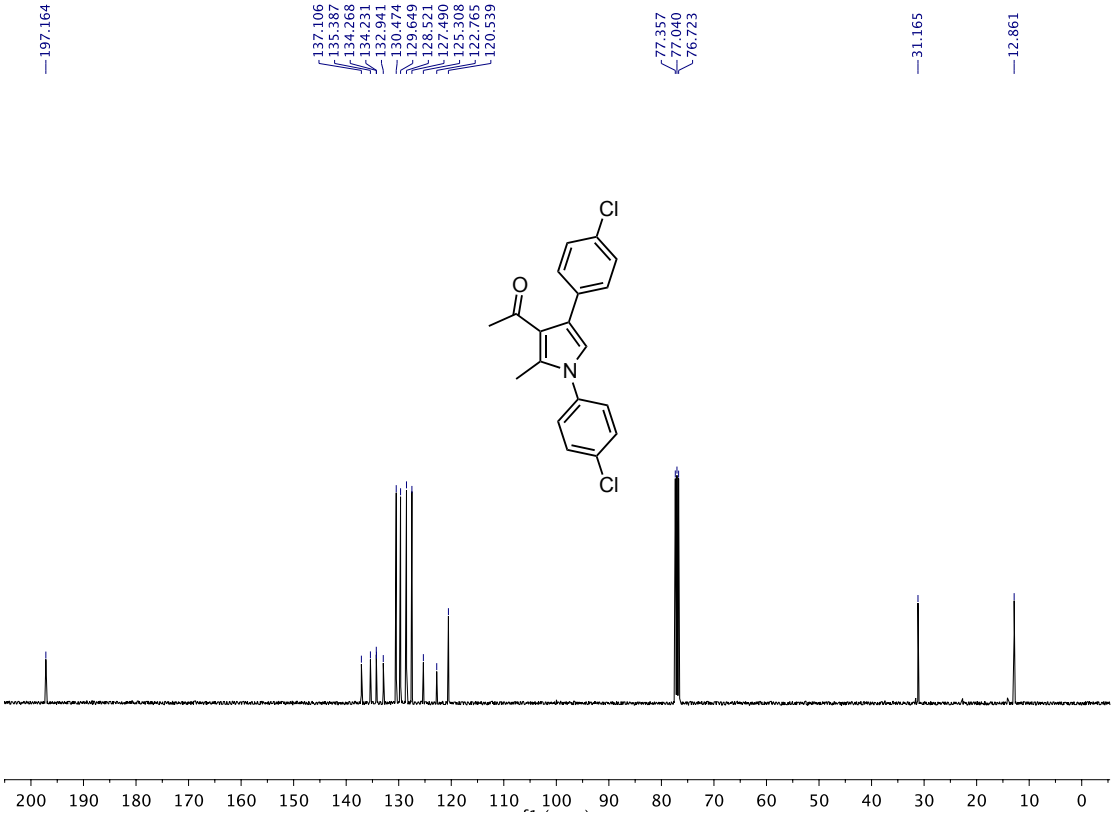
127.469
126.684
123.368
121.956
121.478
114.548
77.332
77.218
77.015
76.698
55.604
31.176
12.816
Cl
Cl
O
N
OMe
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

Compound **3c:**


7.462
7.441
7.348
7.327
7.285
7.264
7.260
7.244
7.238
6.608
2.366
2.063
Cl
O
N
Cl
2.08
2.09
4.25
1.00
3.16
3.19
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0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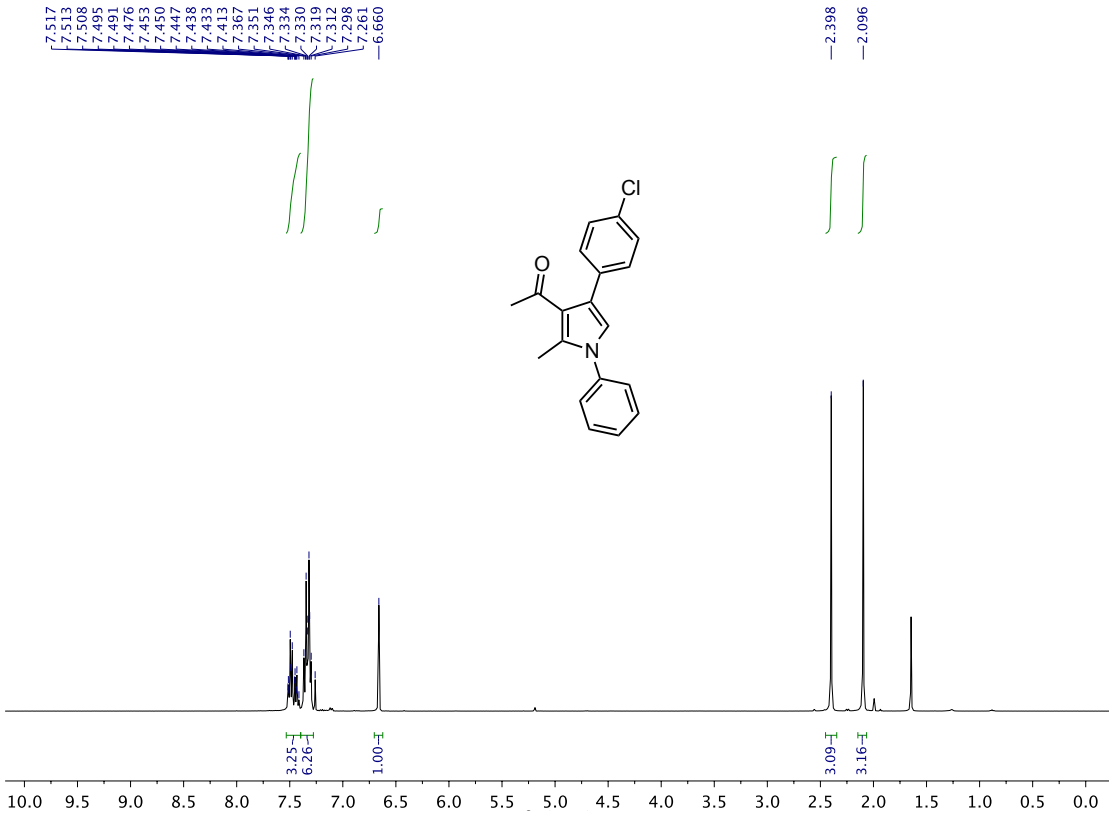
134.231
132.941
130.474
129.649
128.521
127.490
125.308
122.765
120.539
77.357
77.040
76.723
31.165
12.861
Cl
O
N
Cl
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

Compound **3d:**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7.513
7.508
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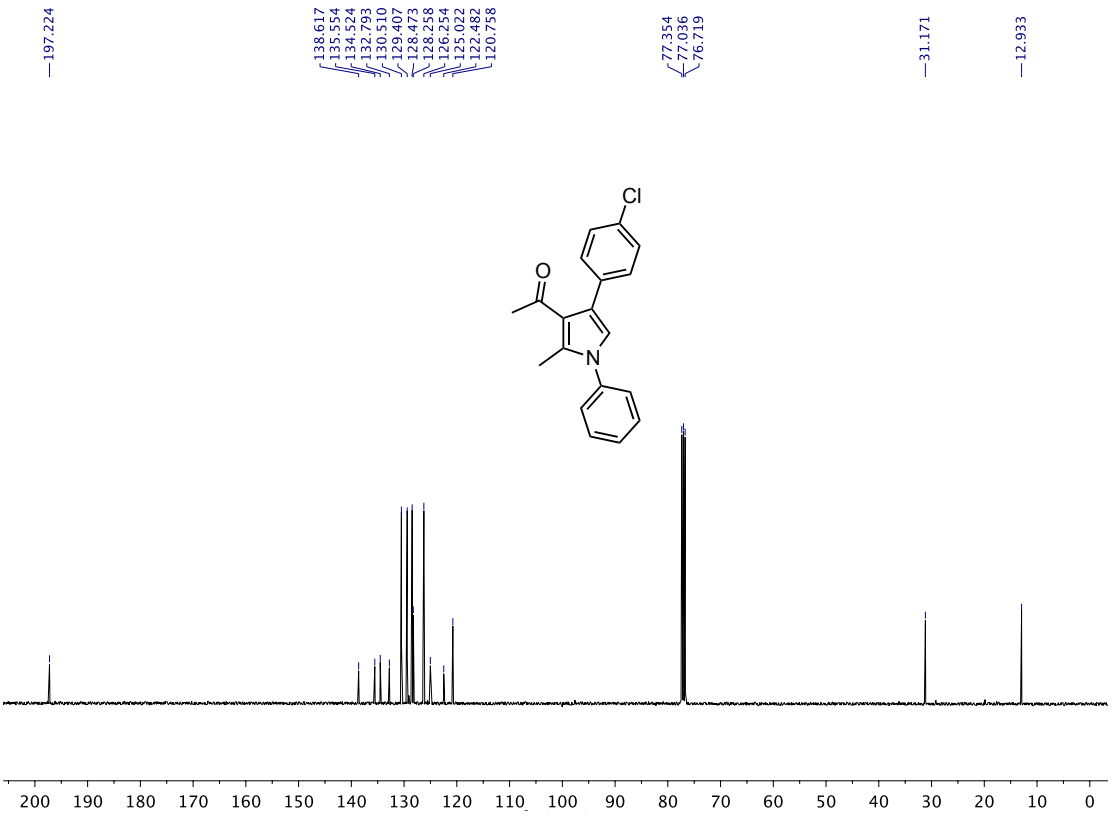
7.476
7.453
7.450
7.447
7.438
7.433
7.413
7.367
7.351
7.346
7.334
7.330
7.319
7.312
7.298
7.261
6.660
2.398
2.096
Cl
O
N
3.25
6.26
1.00
3.09
3.16
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0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132.793
130.510
129.407
128.473
128.258
126.254
125.022
122.482
120.758
77.354
77.036
76.719
31.171
12.933
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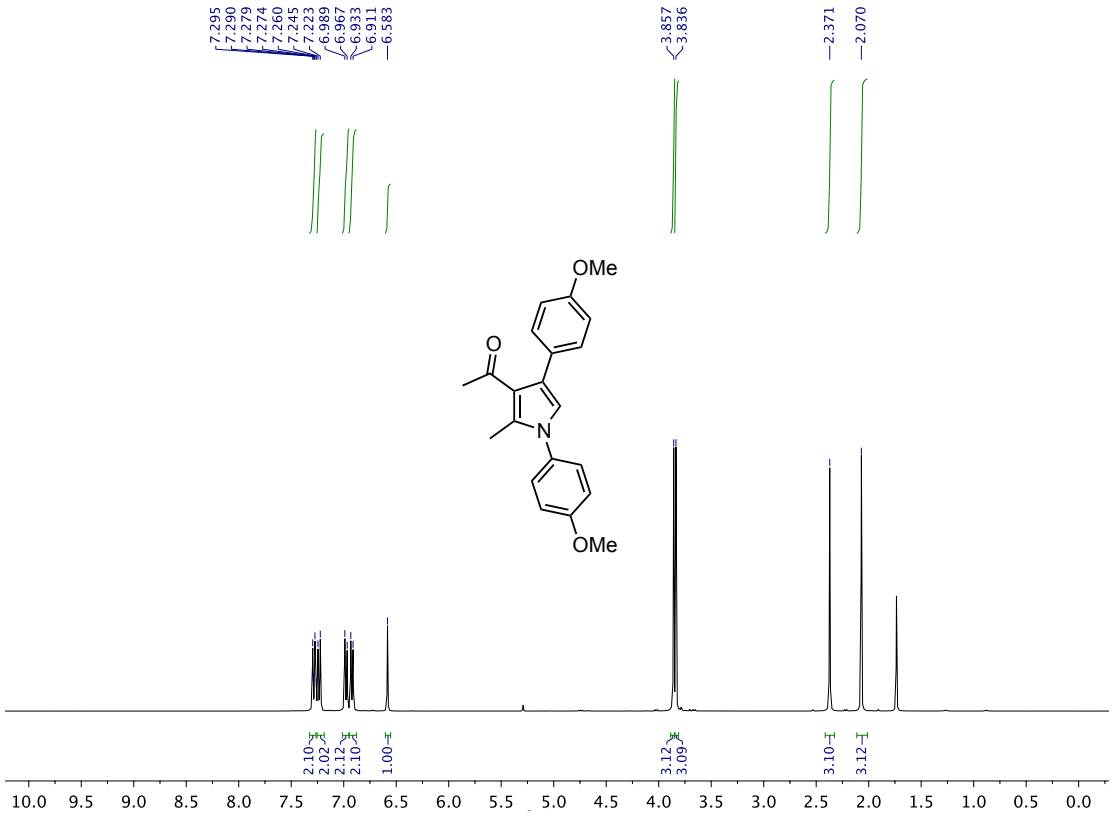
O
N
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

Compound **3e:**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7.290
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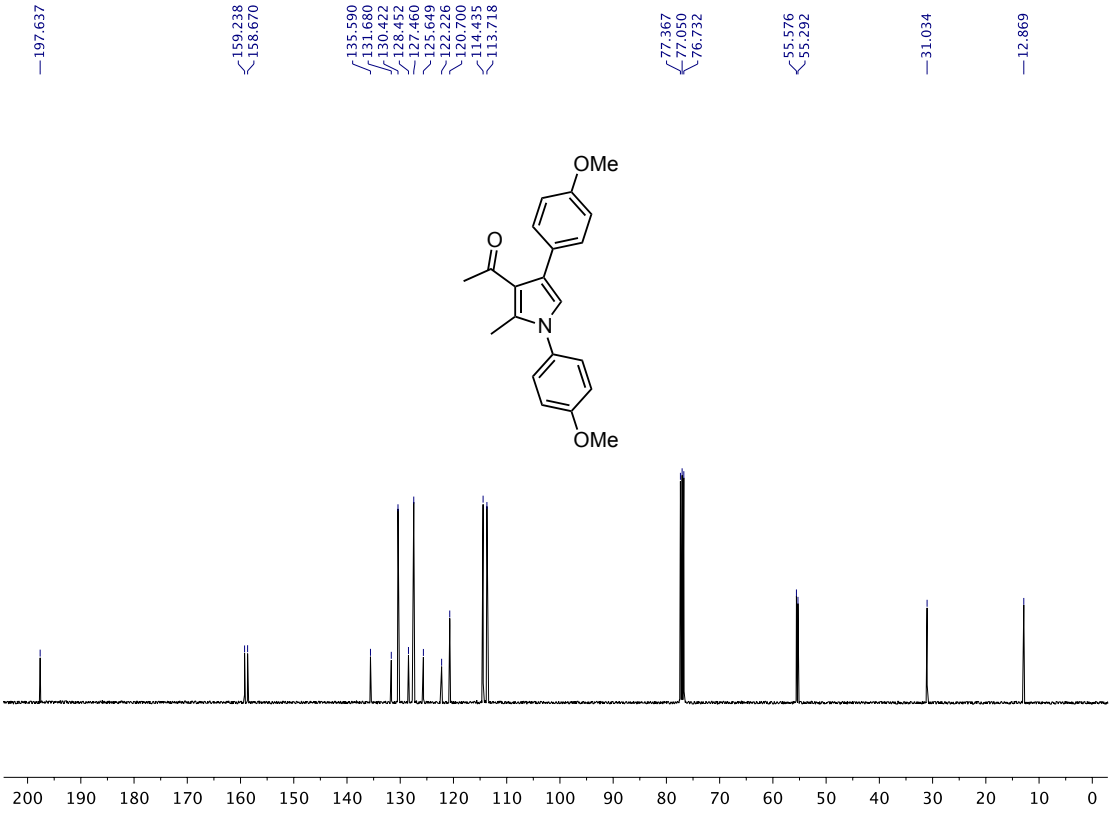
7.274
7.260
7.245
7.223
6.989
6.967
6.933
6.911
6.583
3.857
3.836
2.371
2.070
OMe
O
N
OMe
2.10
2.02
2.12
2.10
1.00
3.12
3.09
3.10
3.12
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0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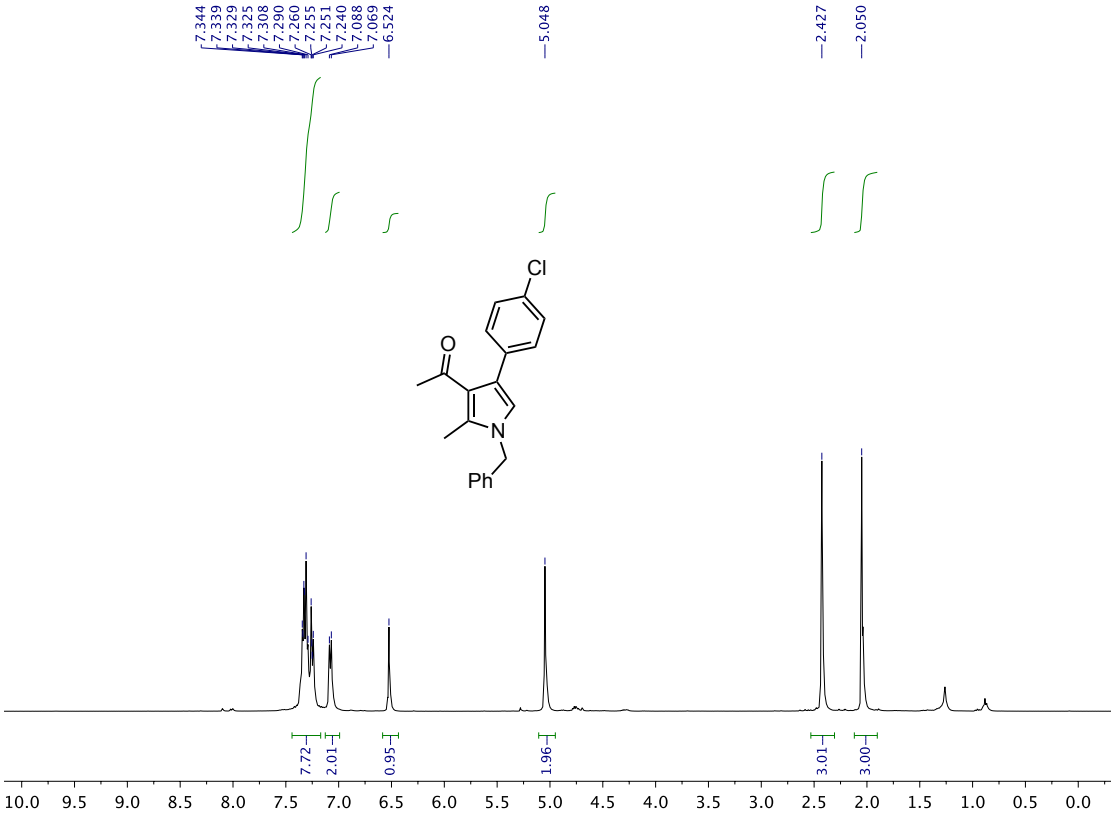
128.452
127.460
125.649
122.226
120.700
114.435
113.718
77.367
77.050
76.732
55.576
55.292
31.034
12.869
OMe
O
N
OMe
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

Compound **3f:**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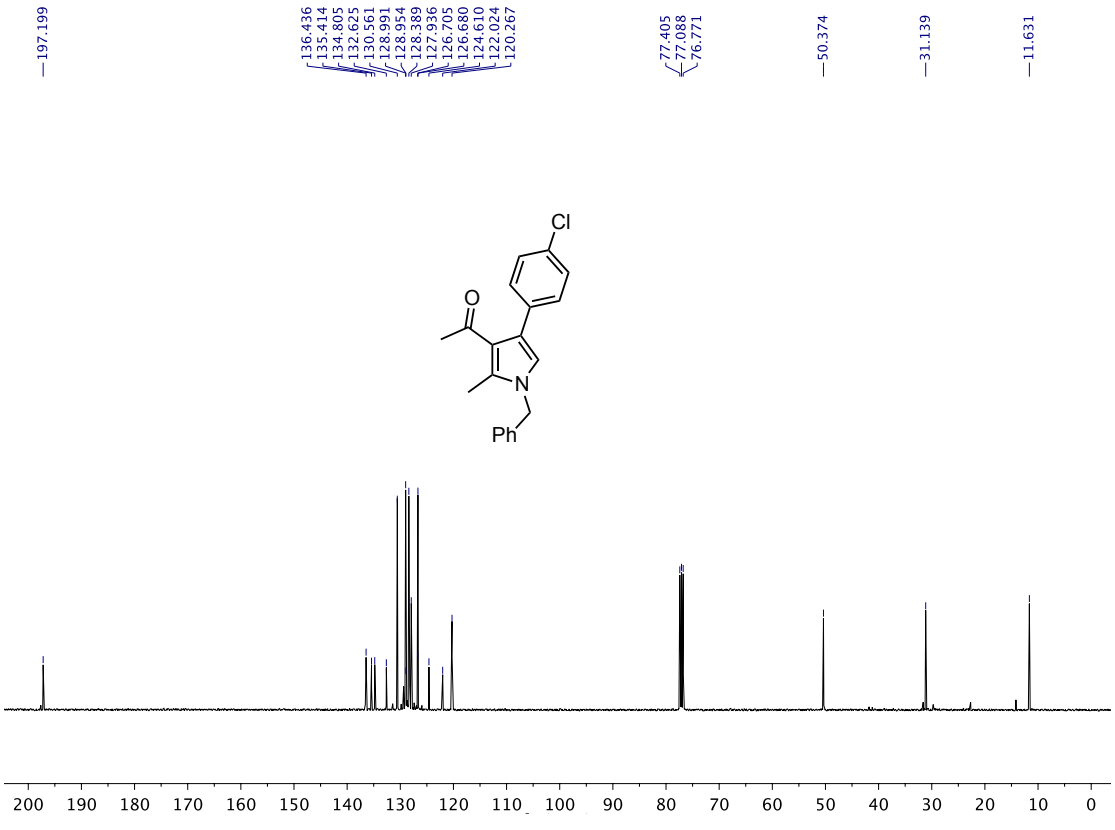
7.325
7.308
7.290
7.260
7.255
7.251
7.240
7.088
7.069
6.524
5.048
2.427
2.050
Cl
O
N
Ph
7.72
2.01
0.95
1.96
3.01
3.00
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0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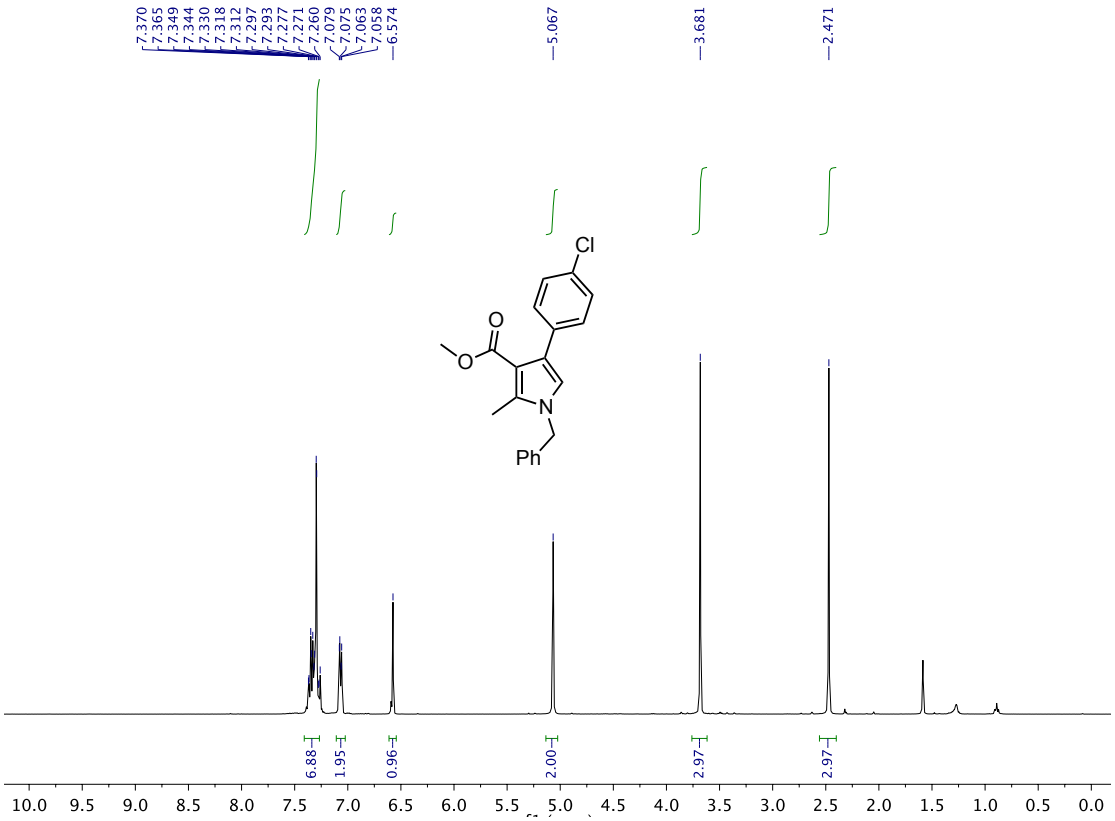
128.991
128.954
128.389
127.936
126.705
126.680
124.610
122.024
120.267
77.405
77.088
76.771
50.374
31.139
11.631
Cl
O
N
Ph
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

Compound **3g:**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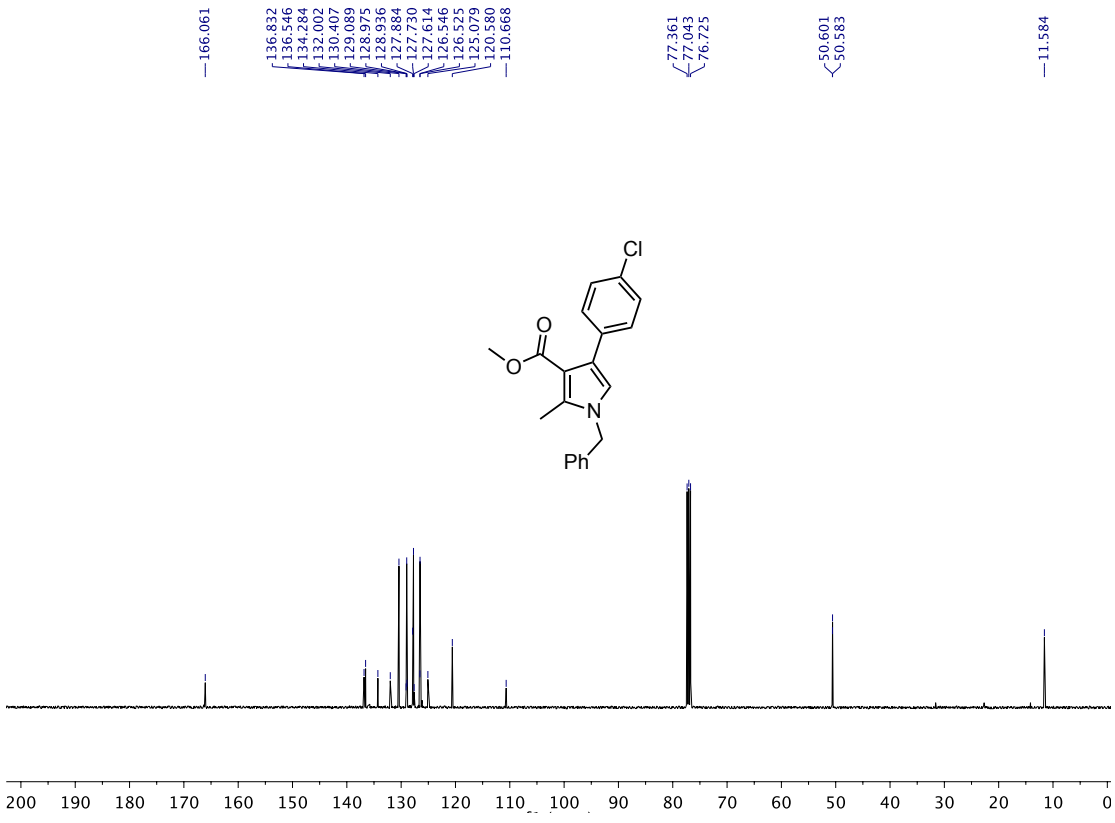
7.312
7.297
7.293
7.277
7.271
7.260
7.079
7.075
7.063
7.058
6.574
5.067
3.681
2.471
Cl
O
O
N
Ph
6.88
1.95
0.96
2.00
2.97
2.97
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0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130.407
129.089
128.975
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127.884
127.730
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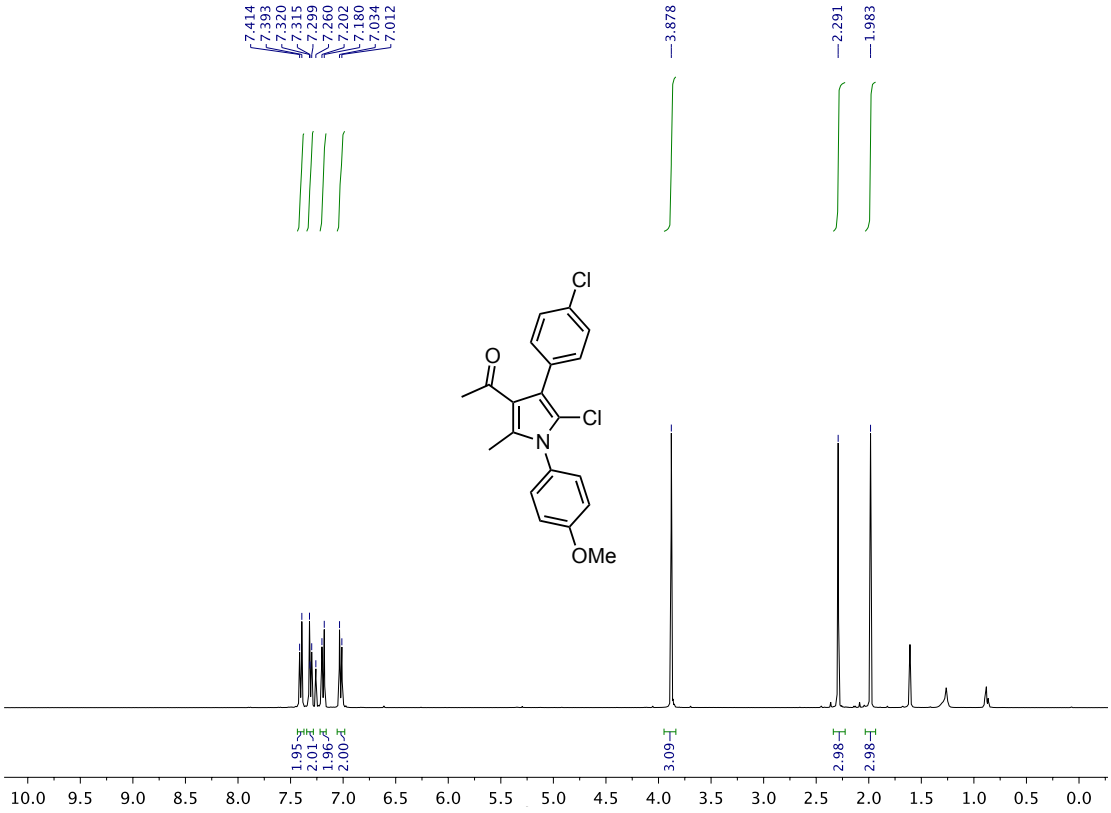
126.546
126.525
125.079
120.580
110.668
77.361
77.043
76.725
50.601
50.583
11.584
Cl
O
O
N
Ph
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

Compound **5a:**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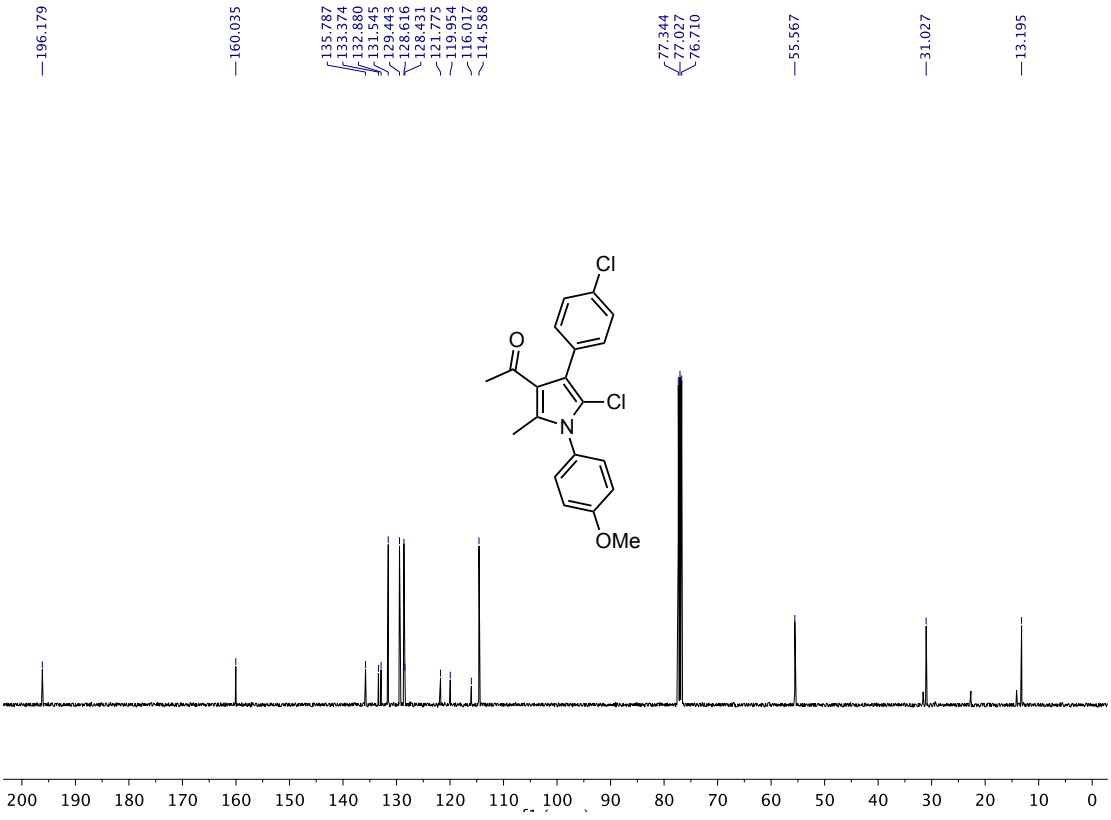
7.260
7.202
7.180
7.034
7.012
3.878
2.291
1.983
Cl
O
Cl
N
OMe
1.95
2.01
1.96
2.00
3.09
2.98
2.98
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0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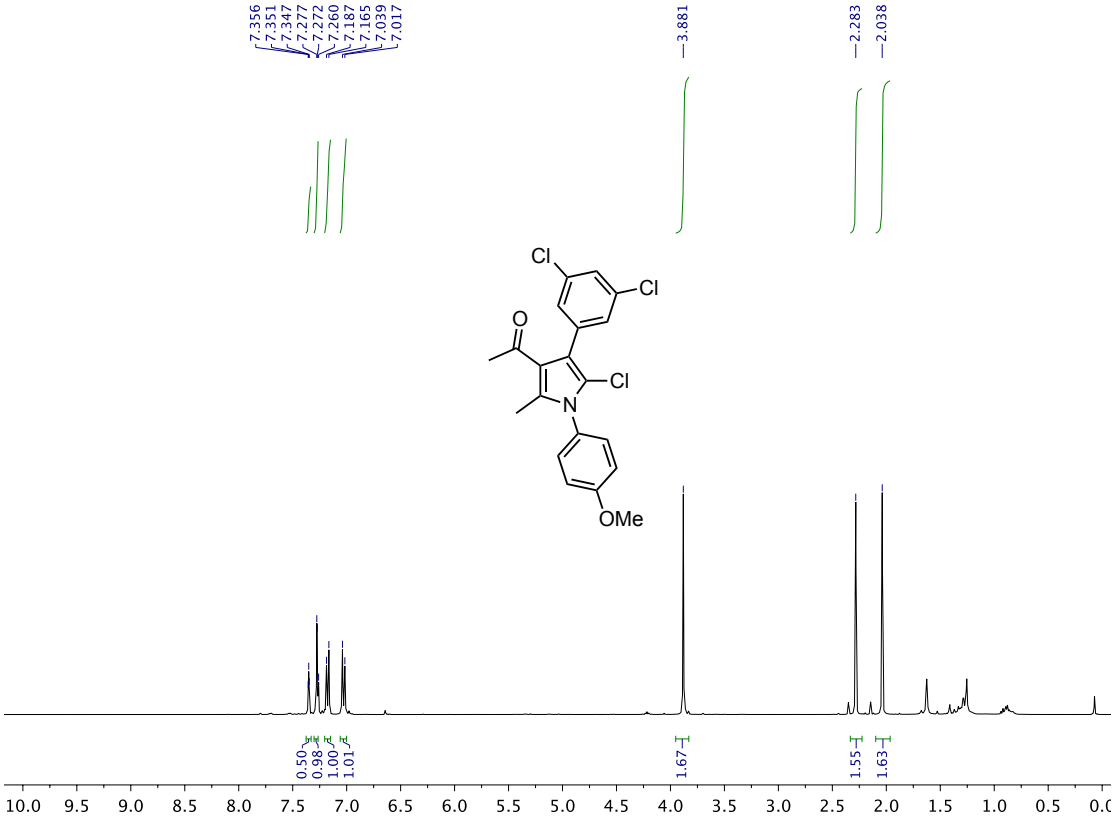
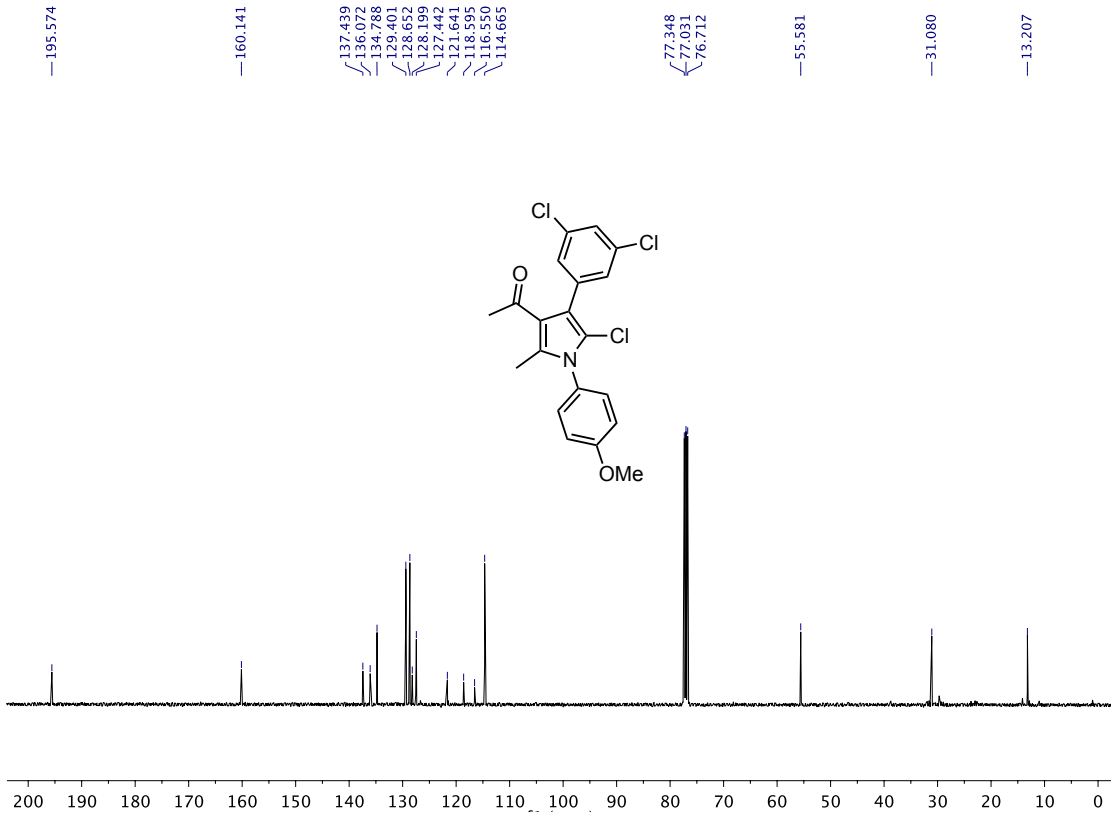
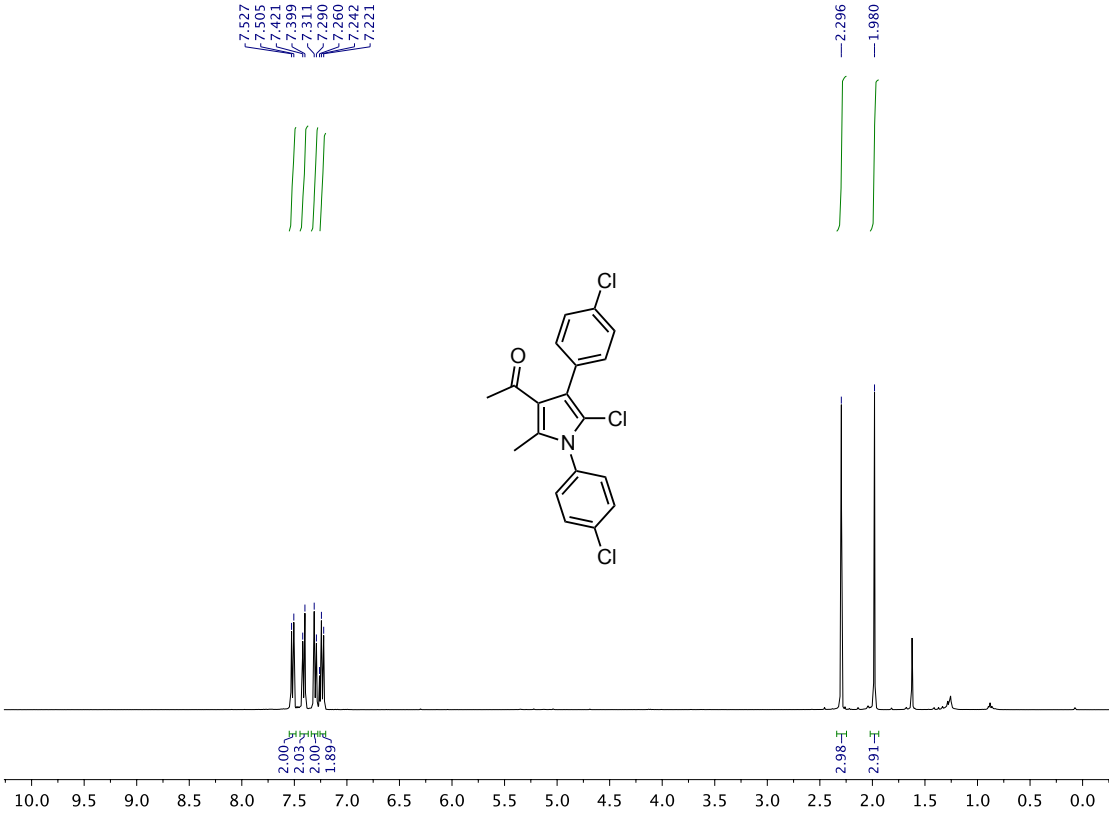
129.443
128.616
128.431
121.775
119.954
116.017
114.588
77.344
77.027
76.710
55.567
31.027
13.195
Cl
O
Cl
N
OMe
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

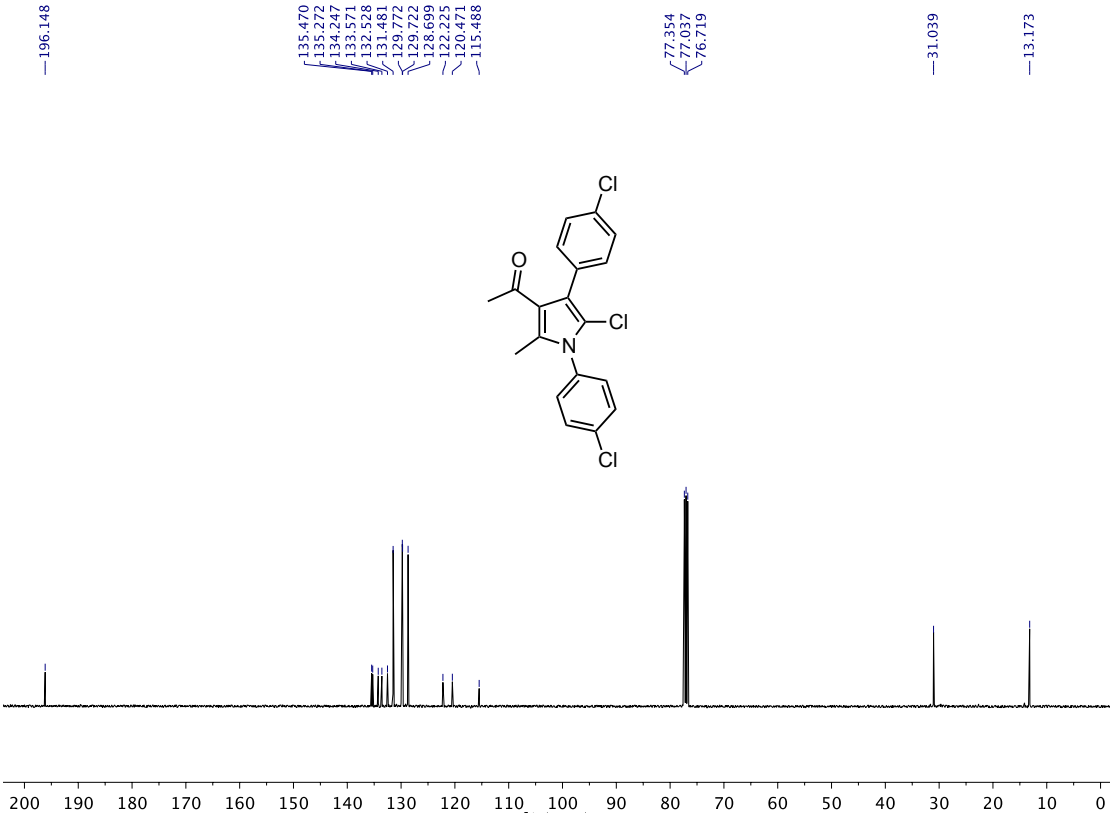
Compound **5b:**


7.356
7.351
7.347
7.277
7.272
7.260
7.187
7.165
7.039
7.017
3.881
2.283
2.038
Cl
Cl
O
Cl
N
OMe
0.50
0.98
1.00
1.01
1.67
1.55
1.63
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0

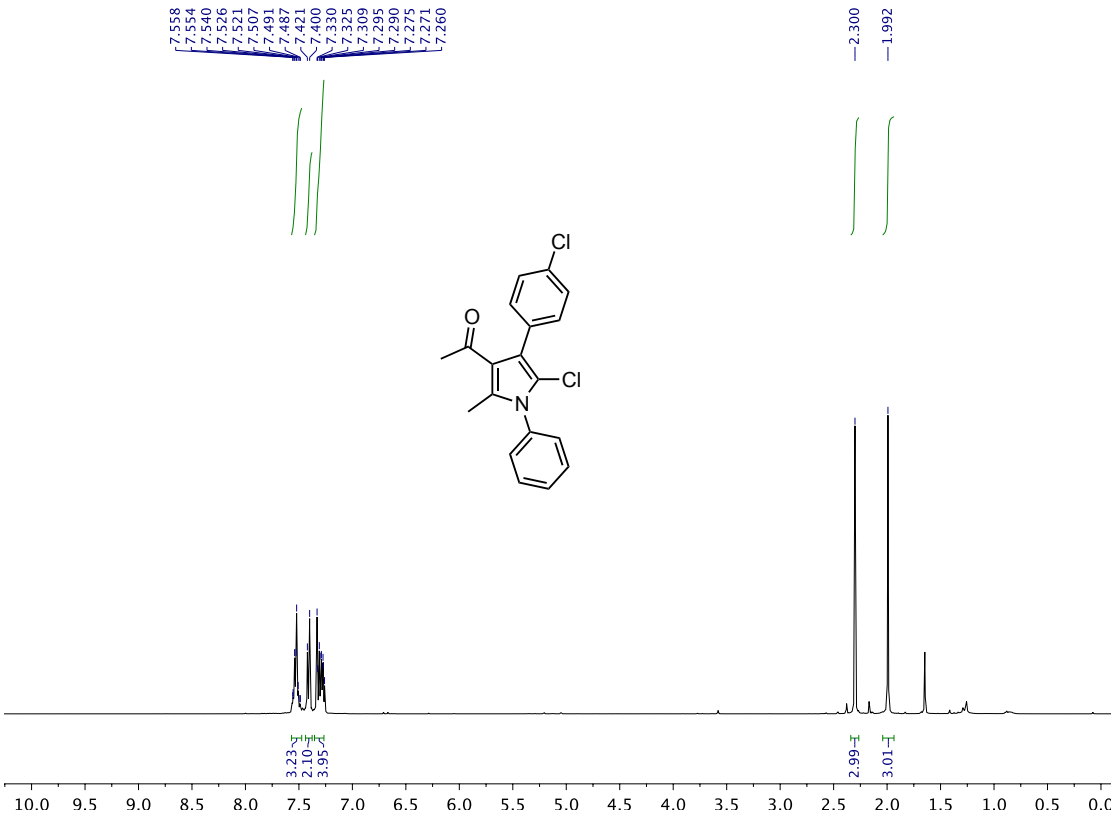

195.574
160.141
137.439
136.072
134.788
129.401
128.652
128.199
127.442
121.641
118.595
116.550
114.665
77.348
77.031
76.712
55.581
31.080
13.207
Cl
Cl
O
Cl
N
OMe
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

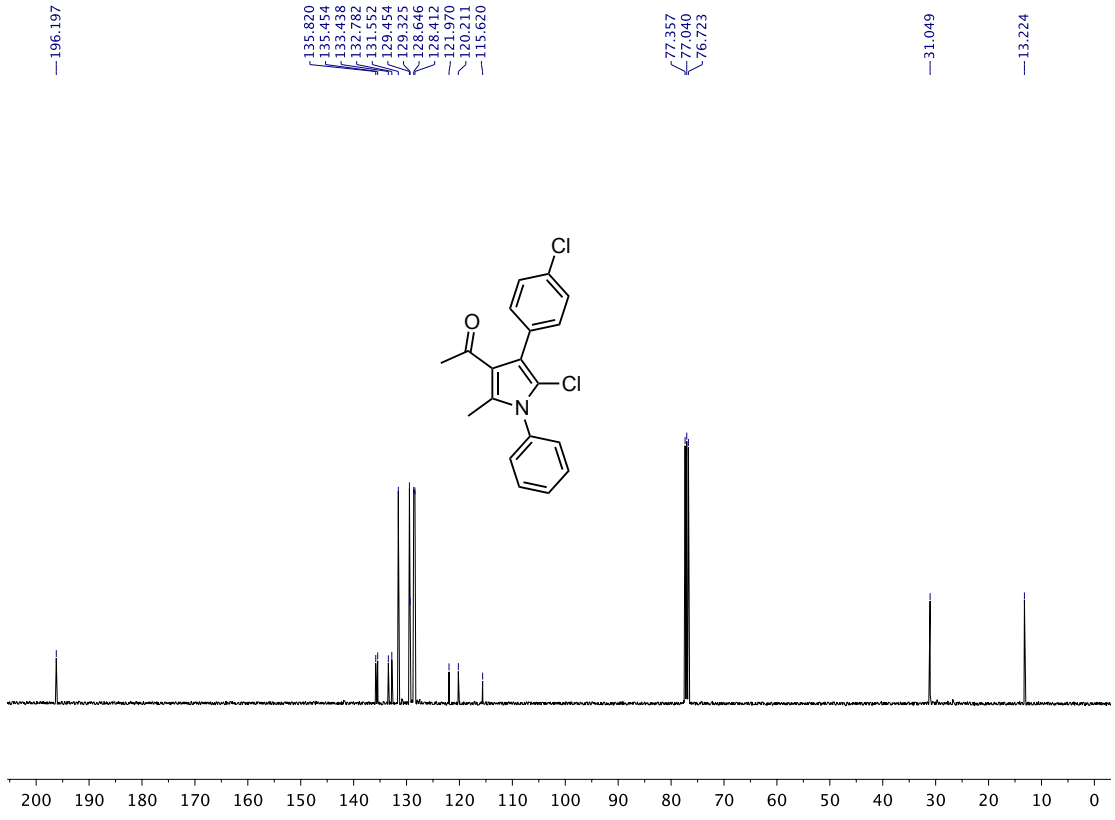
Compound **5c:**


7.527
7.505
7.421
7.399
7.311
7.290
7.260
7.242
7.221
2.296
1.980
Cl
O
Cl
N
Cl
2.00
2.03
2.00
1.89
2.98
2.91
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0

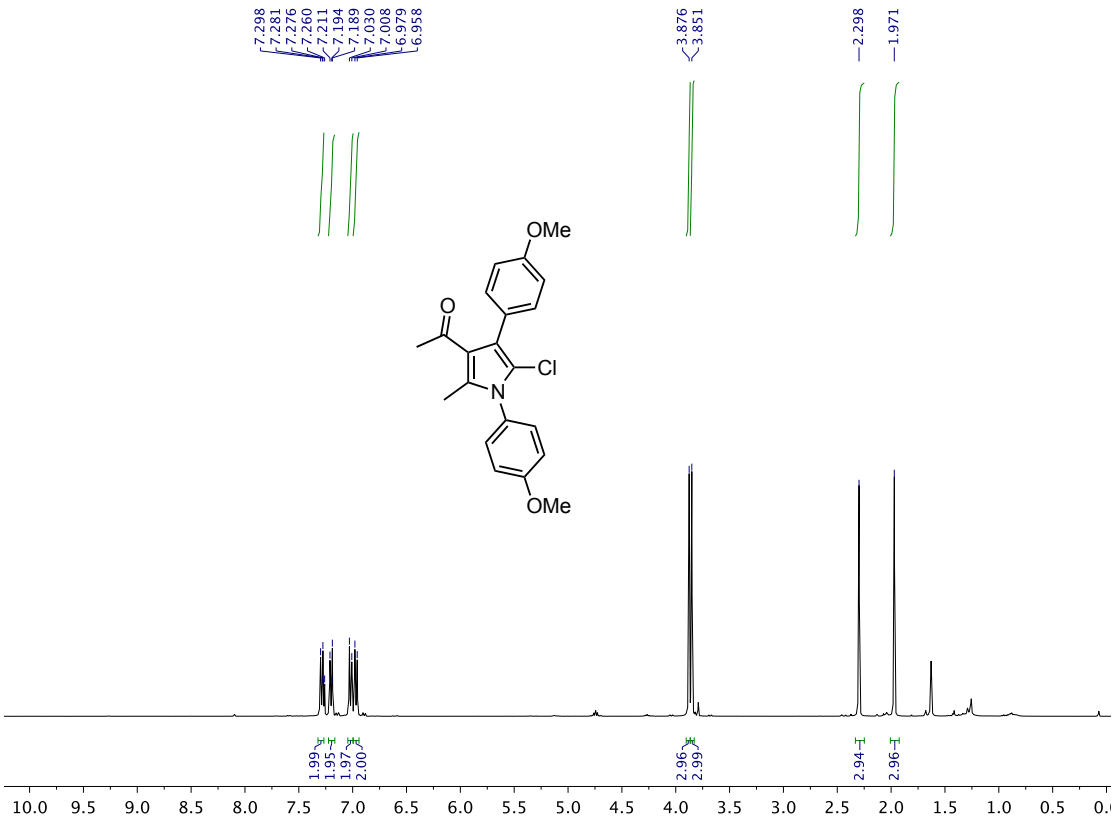

196.148
135.470
135.272
134.247
133.571
132.528
131.481
129.772
129.722
128.699
122.225
120.471
115.488
77.354
77.037
76.719
31.039
13.173
Cl
O
Cl
N
Cl
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

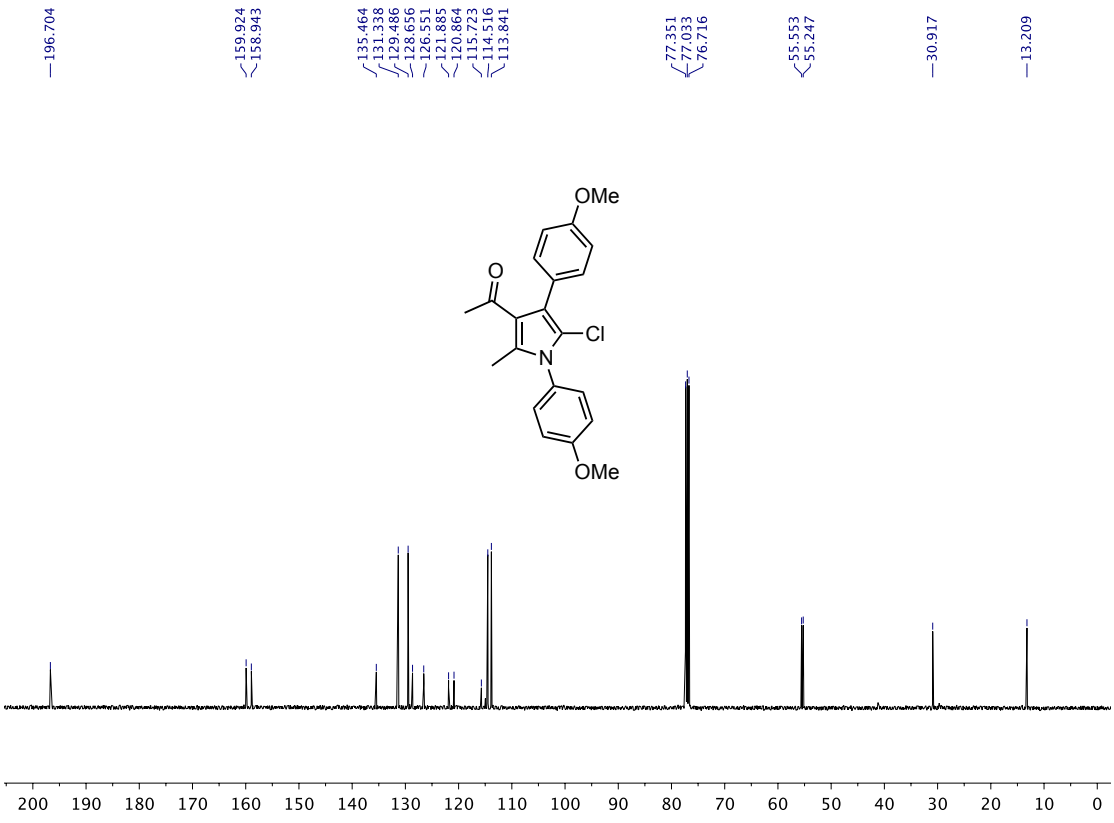
Compound **5d:**


7.558
7.554
7.540
7.526
7.521
7.507
7.491
7.487
7.421
7.400
7.330
7.325
7.309
7.295
7.290
7.275
7.271
7.260
2.300
1.992
Cl
O
Cl
N
3.23
2.10
3.95
2.99
3.01
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0

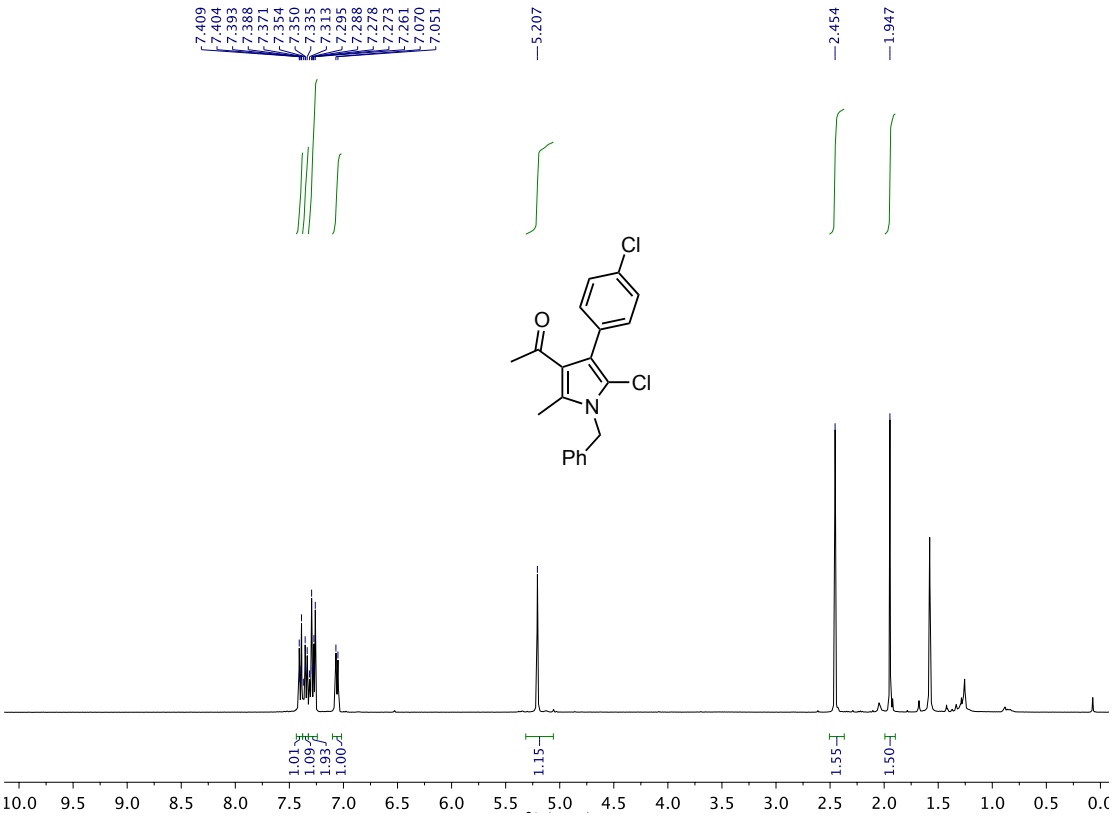

196.197
135.820
135.454
133.438
132.782
131.552
129.454
129.325
128.646
128.412
121.970
120.211
115.620
77.357
77.040
76.723
31.049
13.224
Cl
O
Cl
N
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

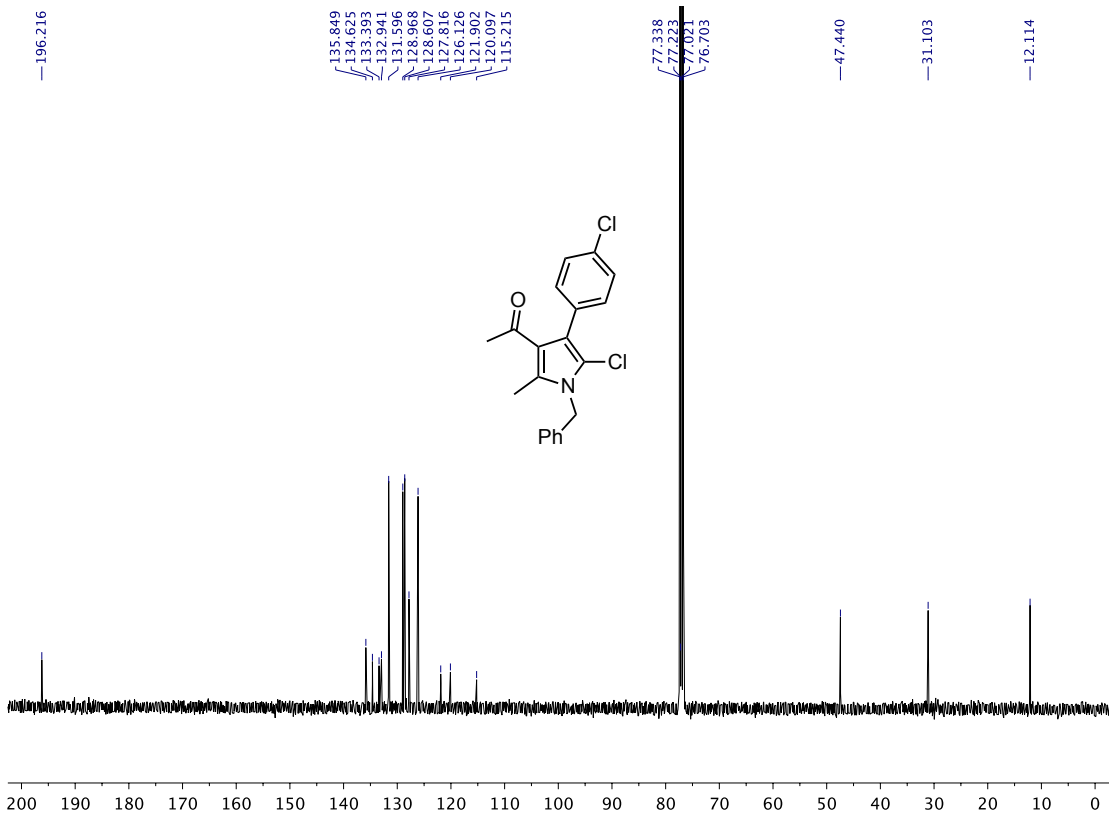
Compound **5e:**


7.298
7.281
7.276
7.260
7.211
7.194
7.189
7.030
7.008
6.979
6.958
3.876
3.851
2.298
1.971
OMe
O
Cl
N
OMe
1.99
1.95
1.97
2.00
2.96
2.99
2.94
2.96
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5


196.704
159.924
158.943
135.464
131.338
129.486
128.656
126.551
121.885
120.864
115.723
114.516
113.841
77.351
77.033
76.716
55.553
55.247
30.917
13.209
OMe
O
Cl
N
OMe
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

Compound **5f:**


7.409
7.404
7.393
7.388
7.371
7.354
7.350
7.335
7.313
7.295
7.288
7.278
7.273
7.261
7.070
7.051
5.207
2.454
1.947
Cl
O
Cl
N
Ph
1.01
1.09
1.93
1.00
1.15
1.55
1.50
10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5


196.216
135.849
134.625
133.393
132.941
131.596
128.968
128.607
127.816
126.126
121.902
120.097
115.215
77.338
77.223
77.021
76.703
47.440
31.103
12.114
Cl
O
Cl
N
Ph
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0