

Supplementary Information

Palladium-catalyzed carbonylation of halo arene-*cis*-dihydrodiols to the corresponding carboxylates. Access to compounds unavailable by toluene dioxygenase-mediated dihydroxylation of the corresponding benzoate esters

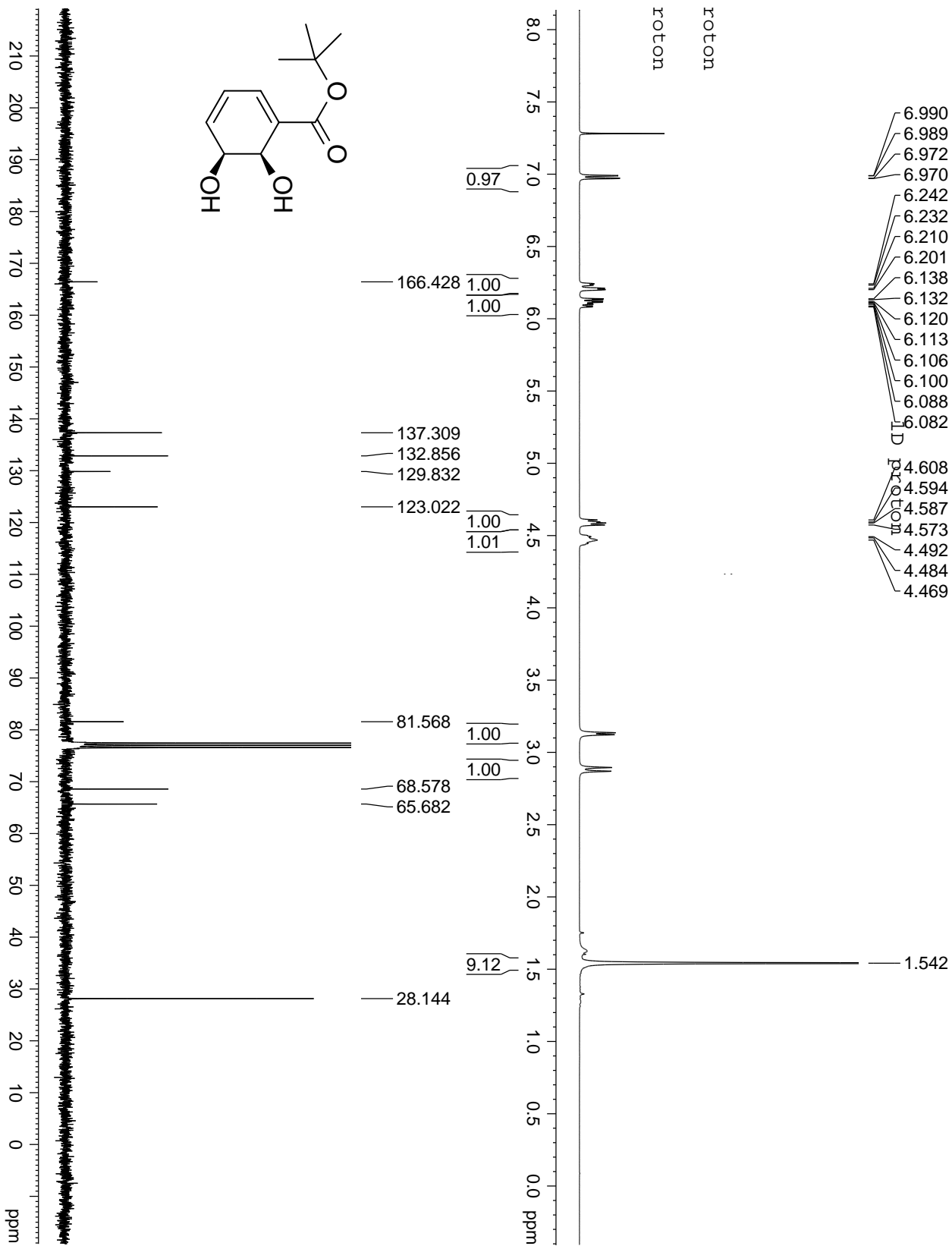
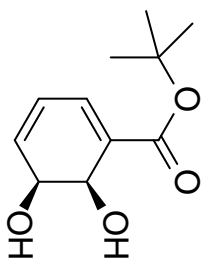
Jordan Froese, Jason Reed Hudlicky, and Tomas Hudlicky*

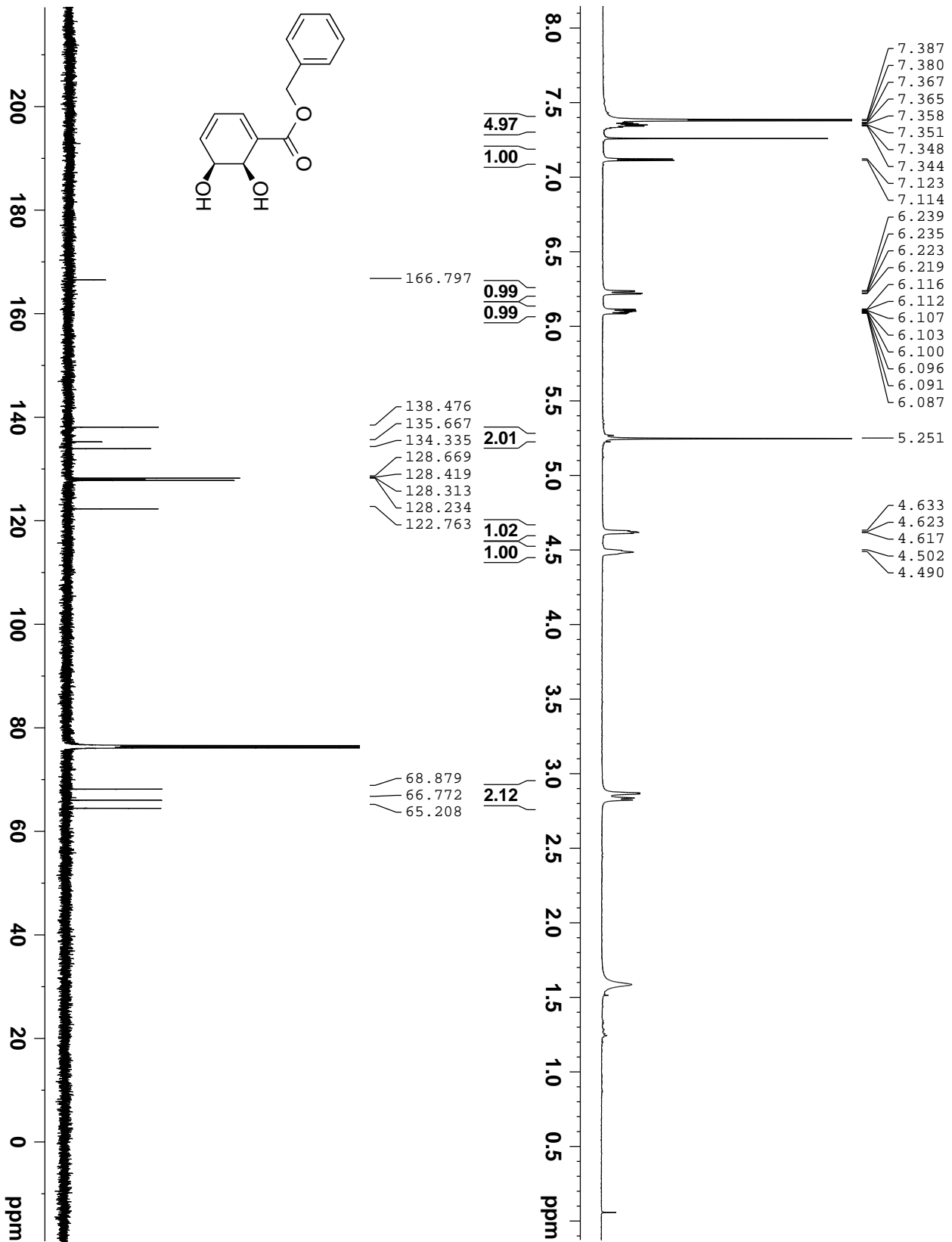
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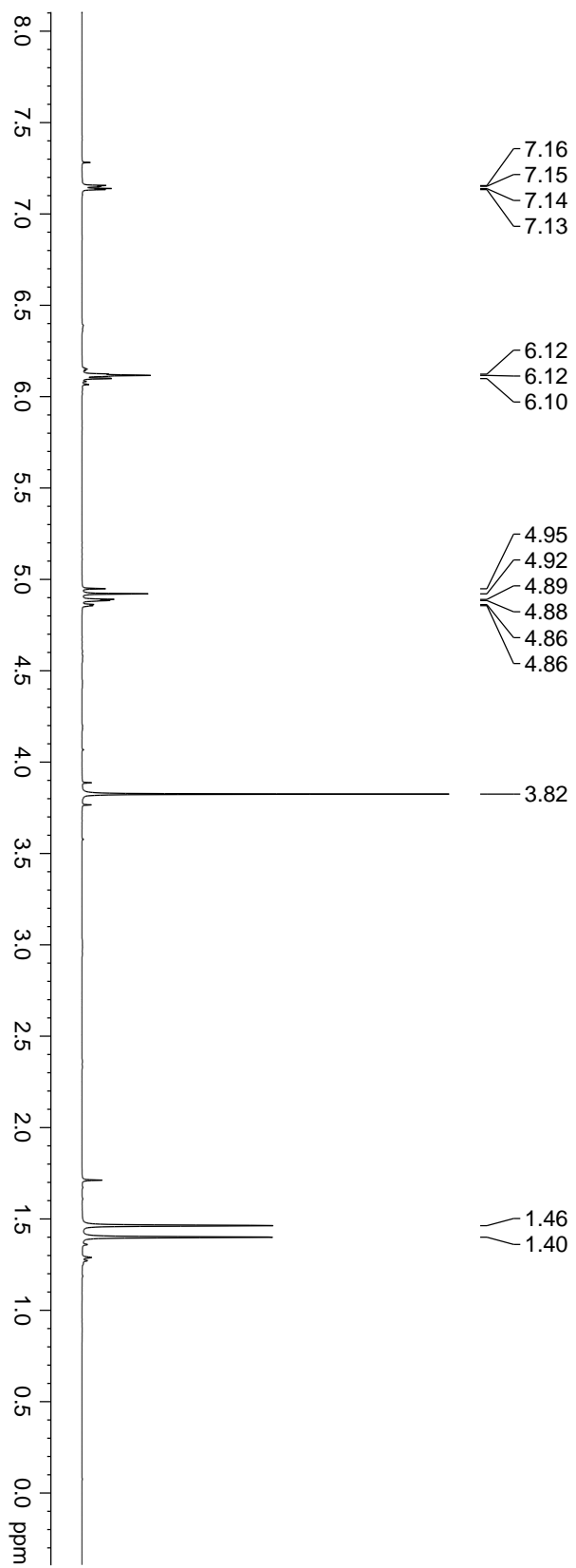
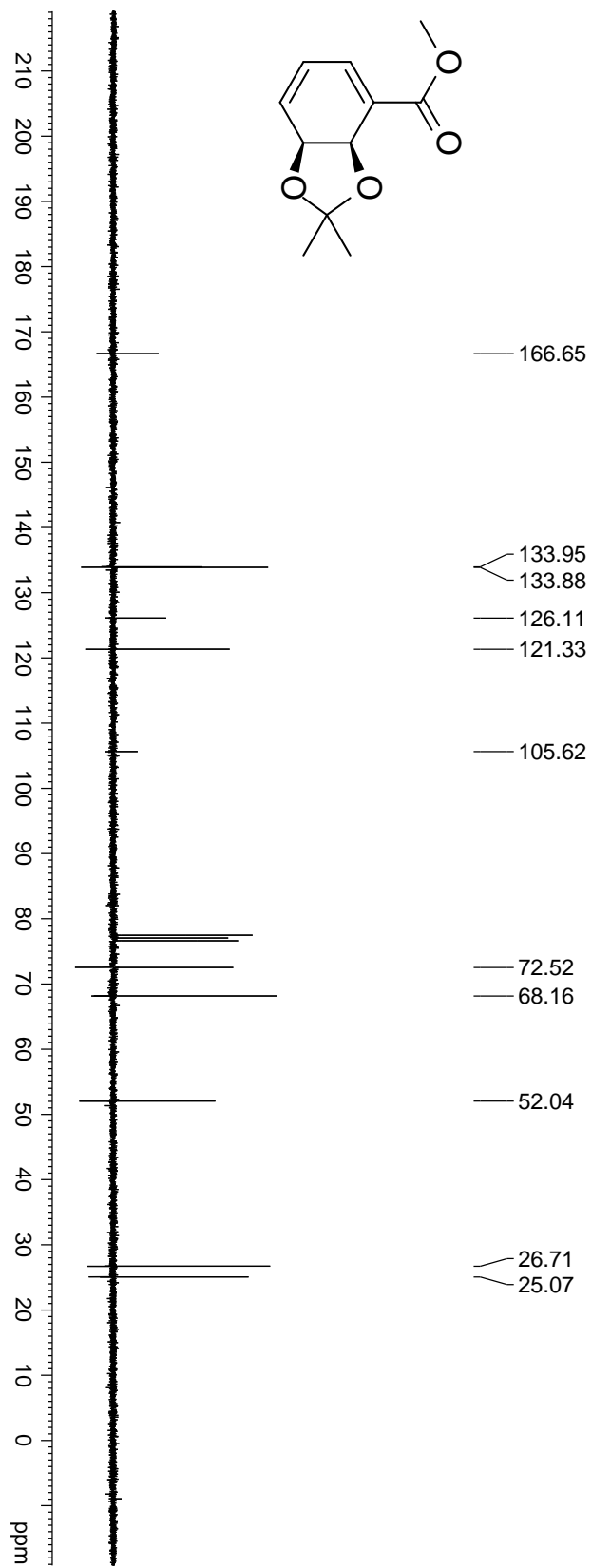
thudlicky@brocku.ca

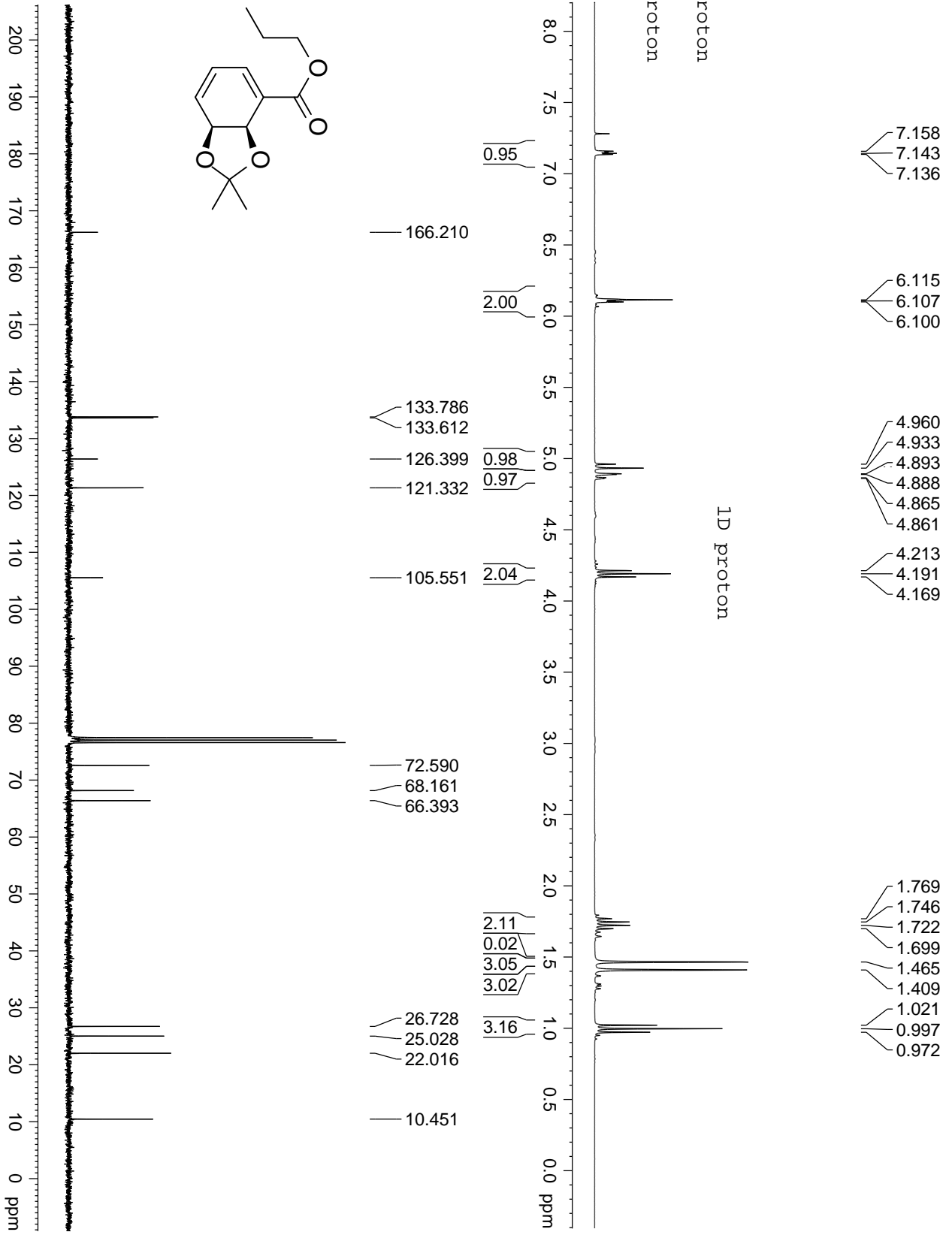
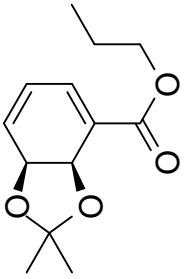
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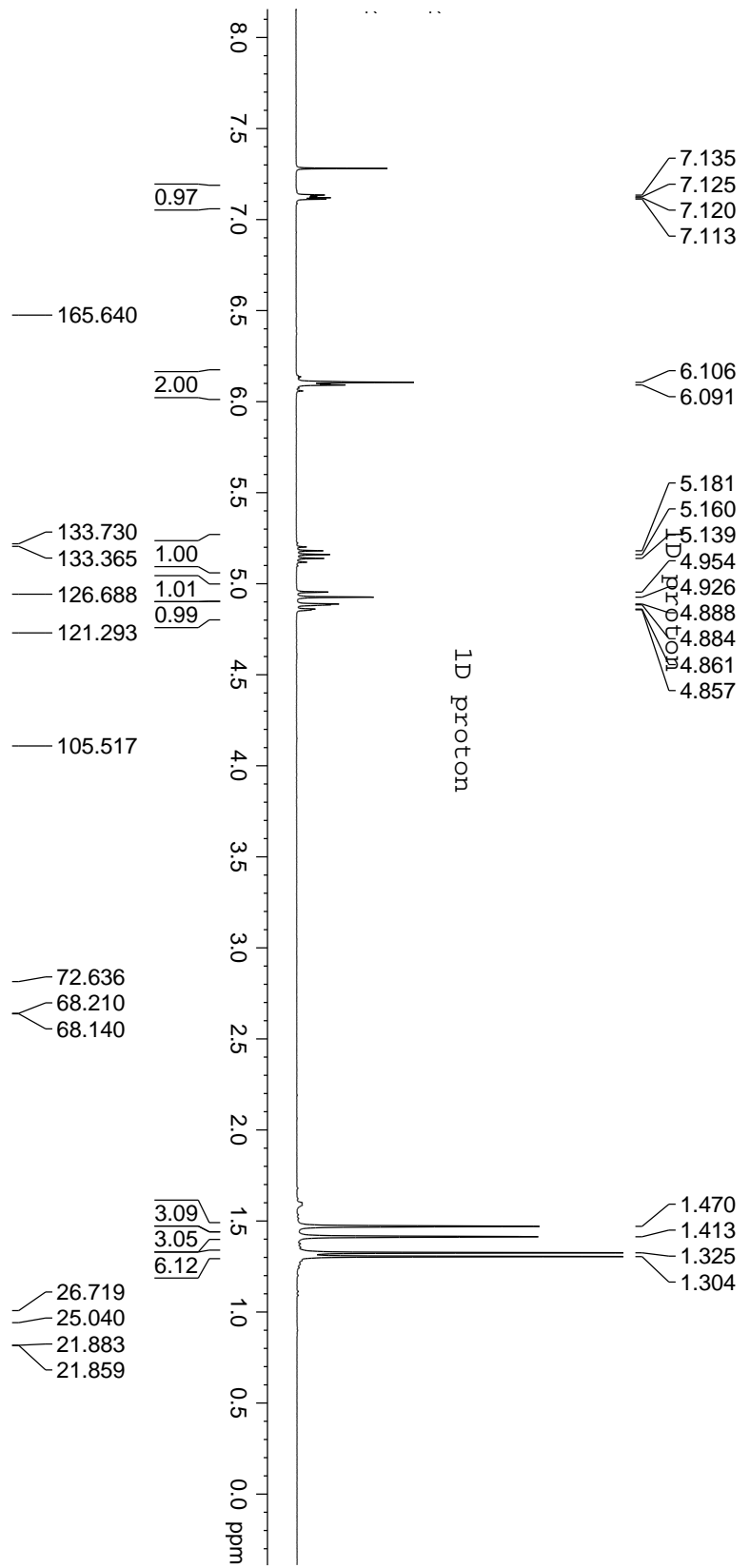
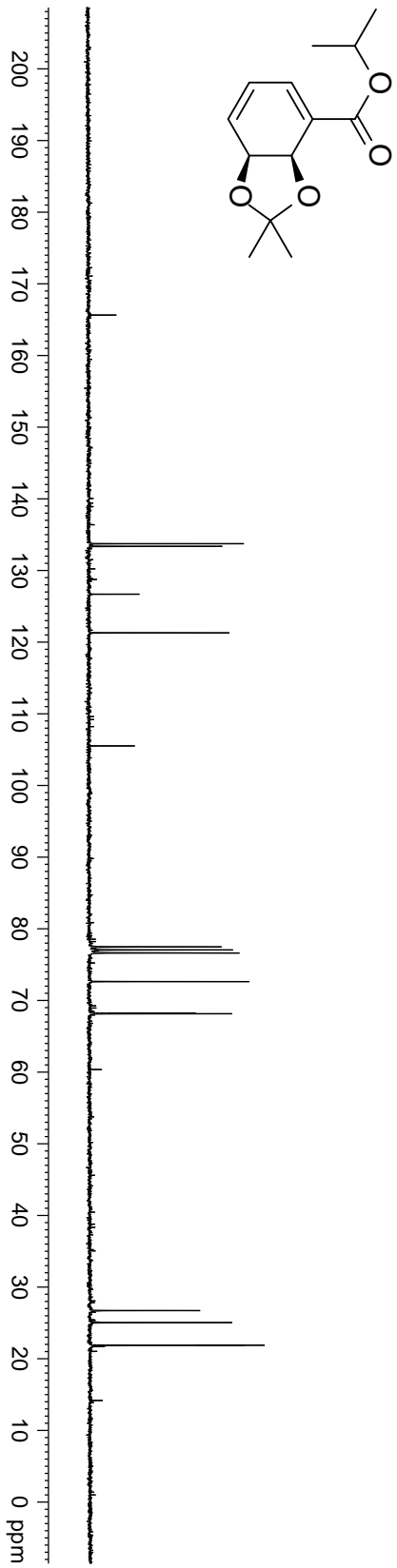
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Copies of ^1H and ^{13}C spectra for compounds 15, 18, 22, 24-27, 29-32	S2-S12

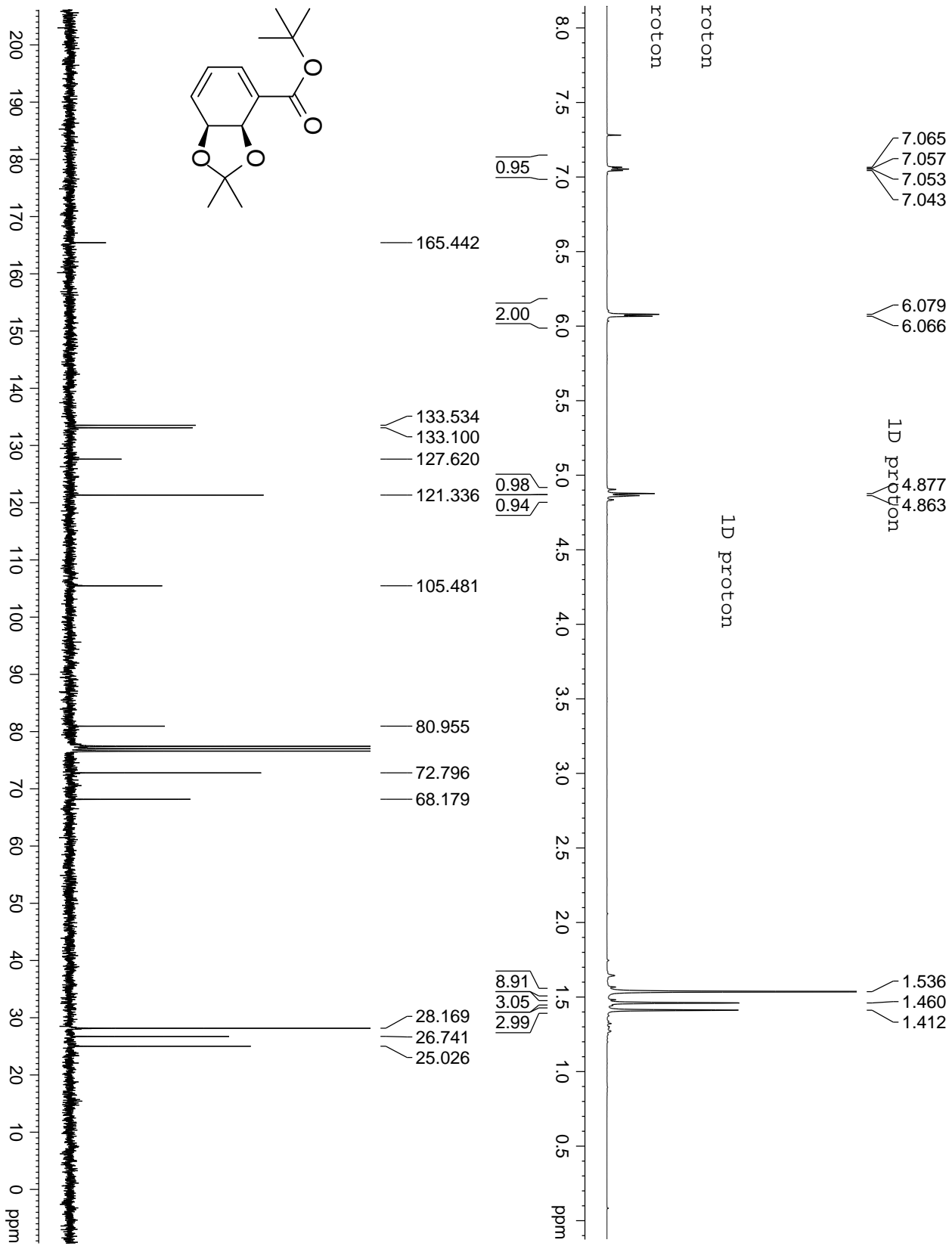


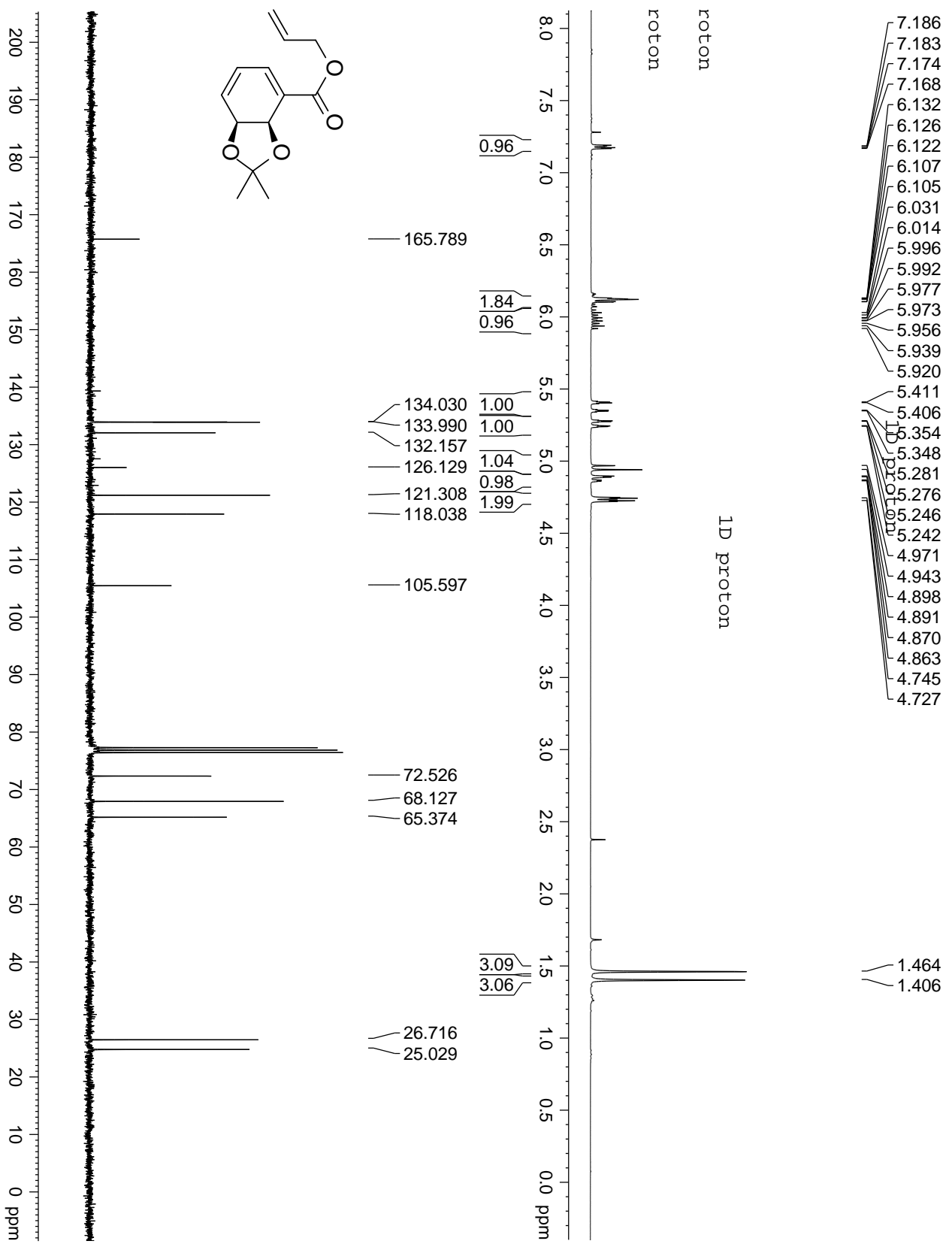


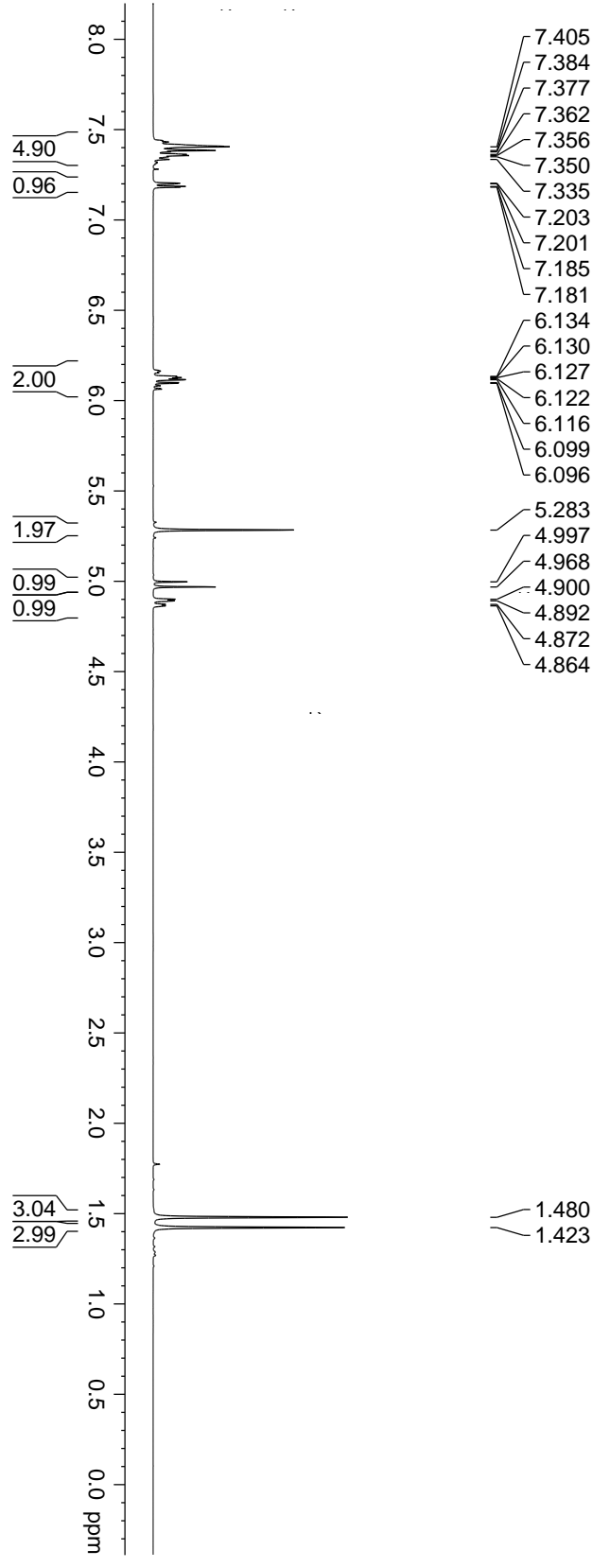
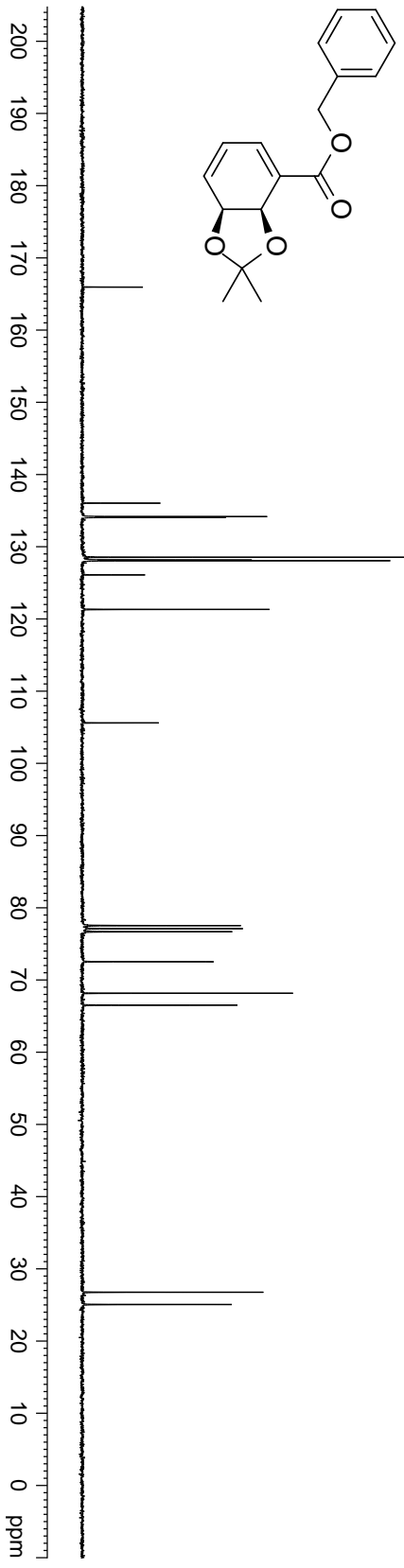


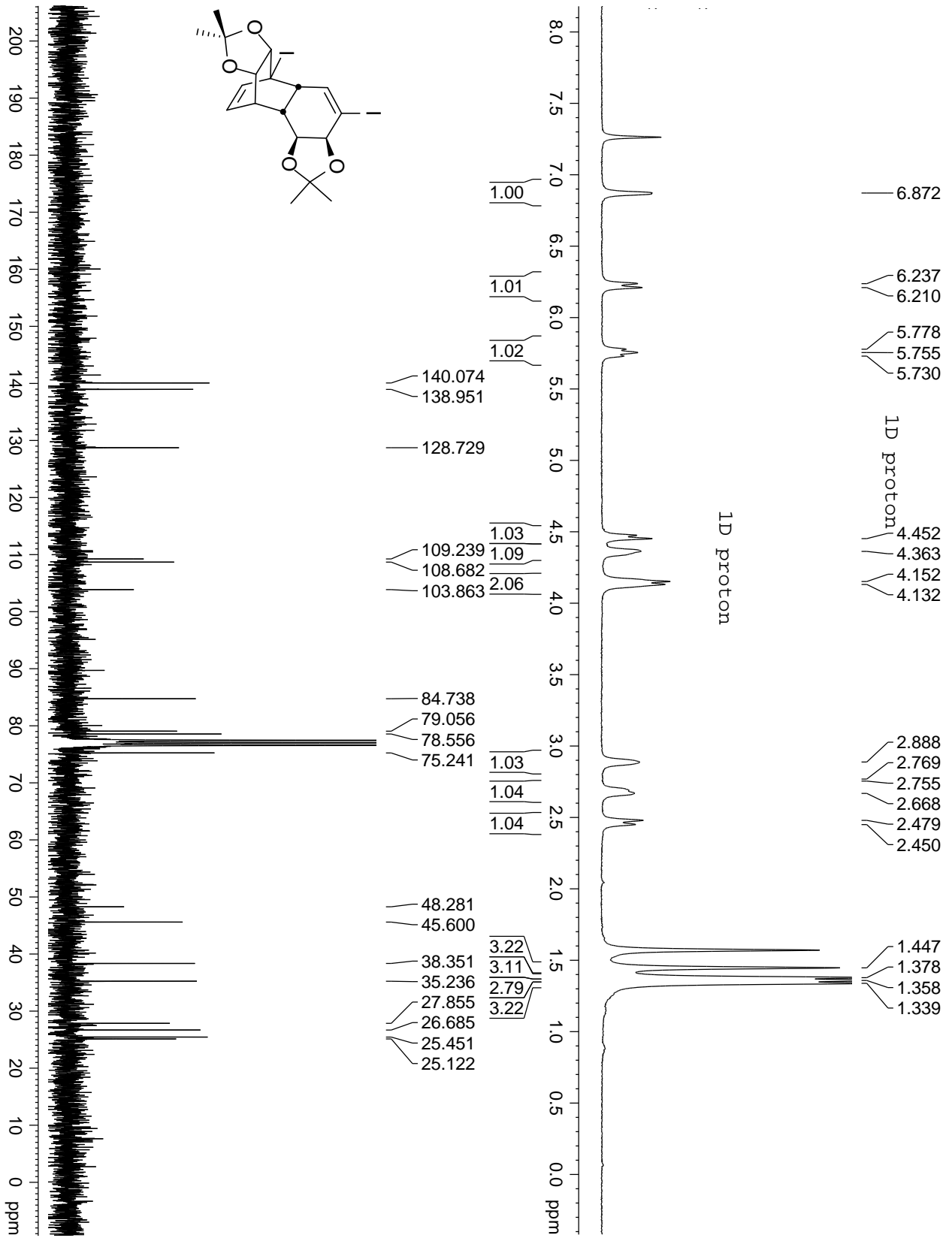


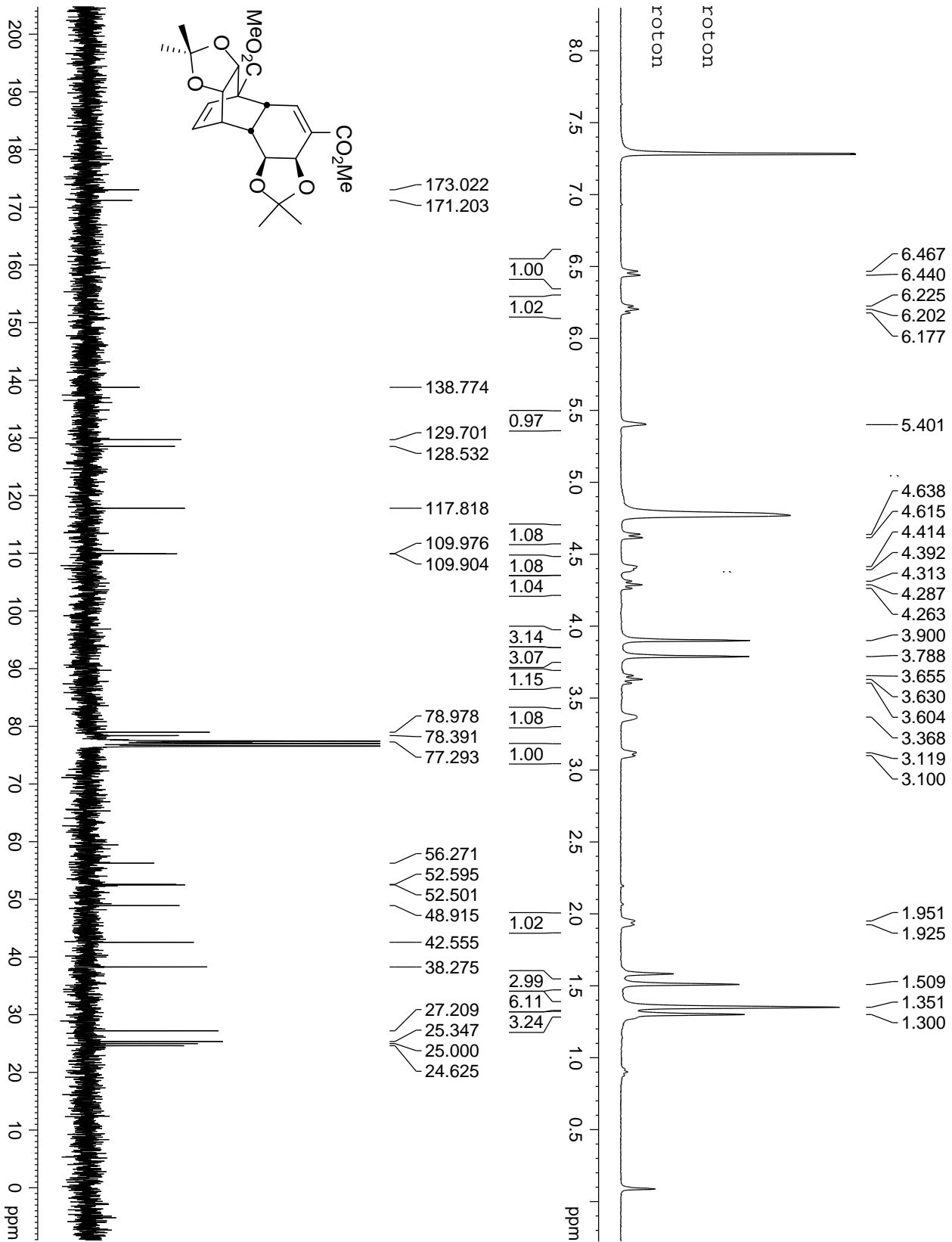




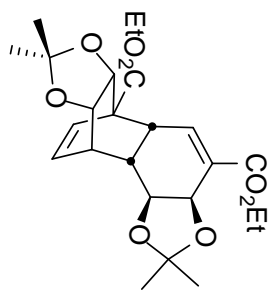








200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 ppm



171.505
165.853
136.480
131.449
130.160
128.805
109.714
108.242
80.710
78.289
77.282
77.070
76.906
76.859
69.213
61.496
60.709
53.878
40.409
38.607
34.852
28.093
26.504
25.356
25.114
14.219
14.187
14.168

1.00
1.00
1.01
0.99
1.04
1.04
2.18
2.16
1.09
1.02
1.05
1.11
3.66
2.82
3.37
3.85
4.60
2.00

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 ppm



6.430
6.424
6.380
6.366
6.048
6.037
6.024
4.604
4.592
4.580
4.572
4.425
4.419
4.413
4.407
4.365
4.354
4.342
4.331
4.250
4.244
4.238
4.232
4.220
4.205
4.193
4.187
4.181
4.175
4.164
4.161
4.157
4.153
4.123
4.111
3.009
2.949
2.944
2.934
2.929
2.331
2.316
2.082
2.042
1.353
1.345
1.333
1.292
1.283
1.266
1.256
1.243