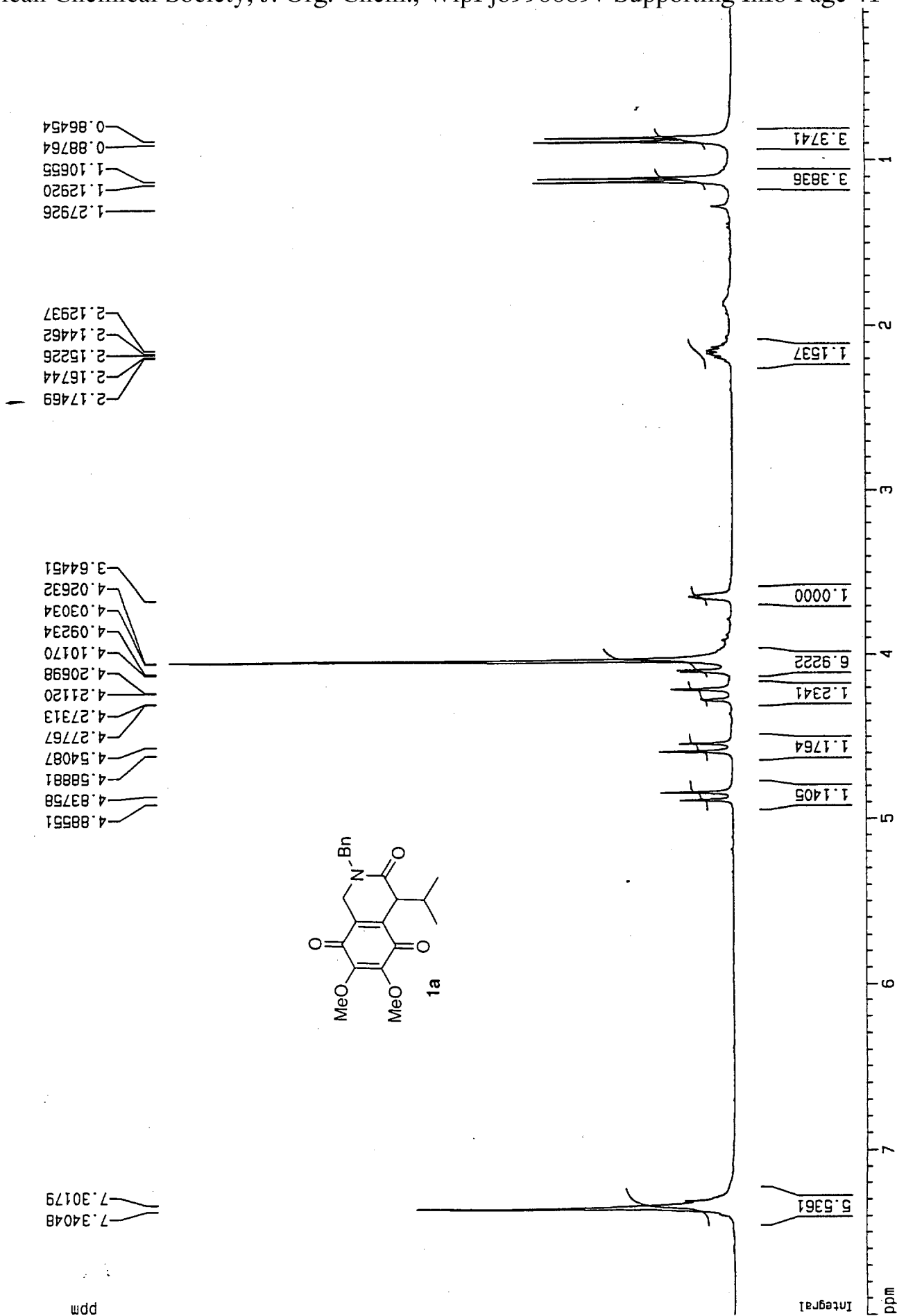
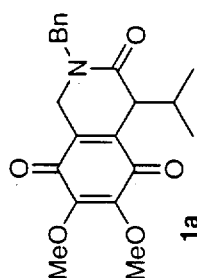


CRH-1-151; Oxidized Cyclization product



CPH-1-151; After Iron



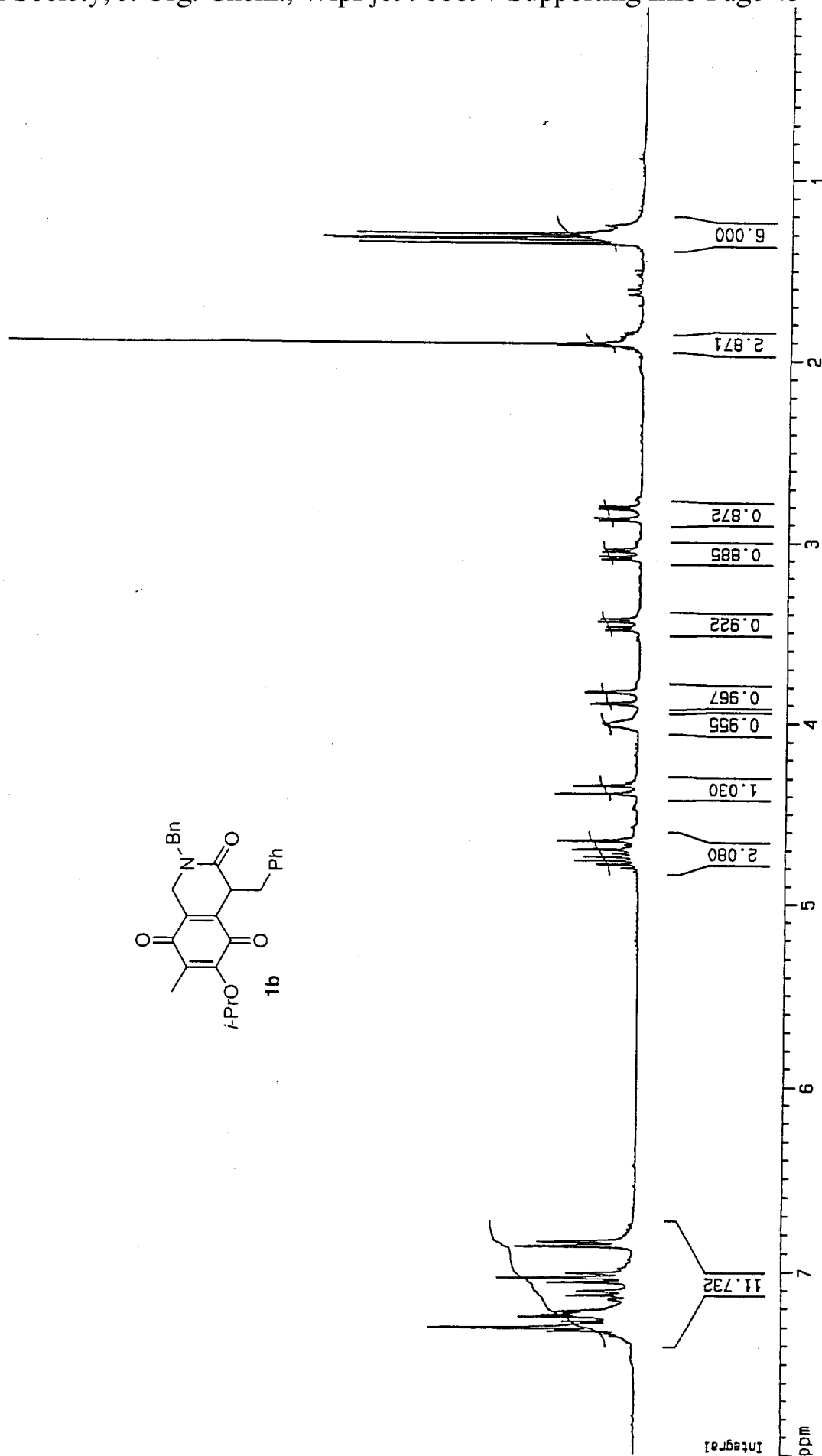
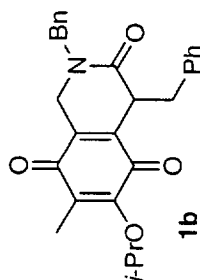
ppm

CRH-2-230; Cinnamide cyclization prod.

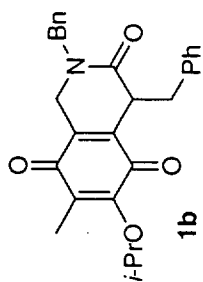
ppm

7.32447
7.32107
7.30508
7.30066
7.29111
7.27145
7.24710
7.23763
7.22186
7.21534
7.06168
7.03619
6.86787
6.84435
6.84003

4.78524
4.76470
4.74435
4.70204
4.65421
4.39105
4.34327
4.01948
4.01313
4.00884
4.00237
3.89933
3.89258
3.83326
3.82646
3.49329
3.47670
3.44877
3.43210
3.09892
3.08358
3.05458
3.03918
2.88162
2.87005
2.81531
2.80392
1.92600
1.91557
1.35412
1.33369
1.32614
1.31342
1.30569
1.29350
1.27886
1.26522
1.26081



CRH-2-230; Cinnamide cycl. prod.



CRH-2-234; Cyclized 4-methoxycinnamide

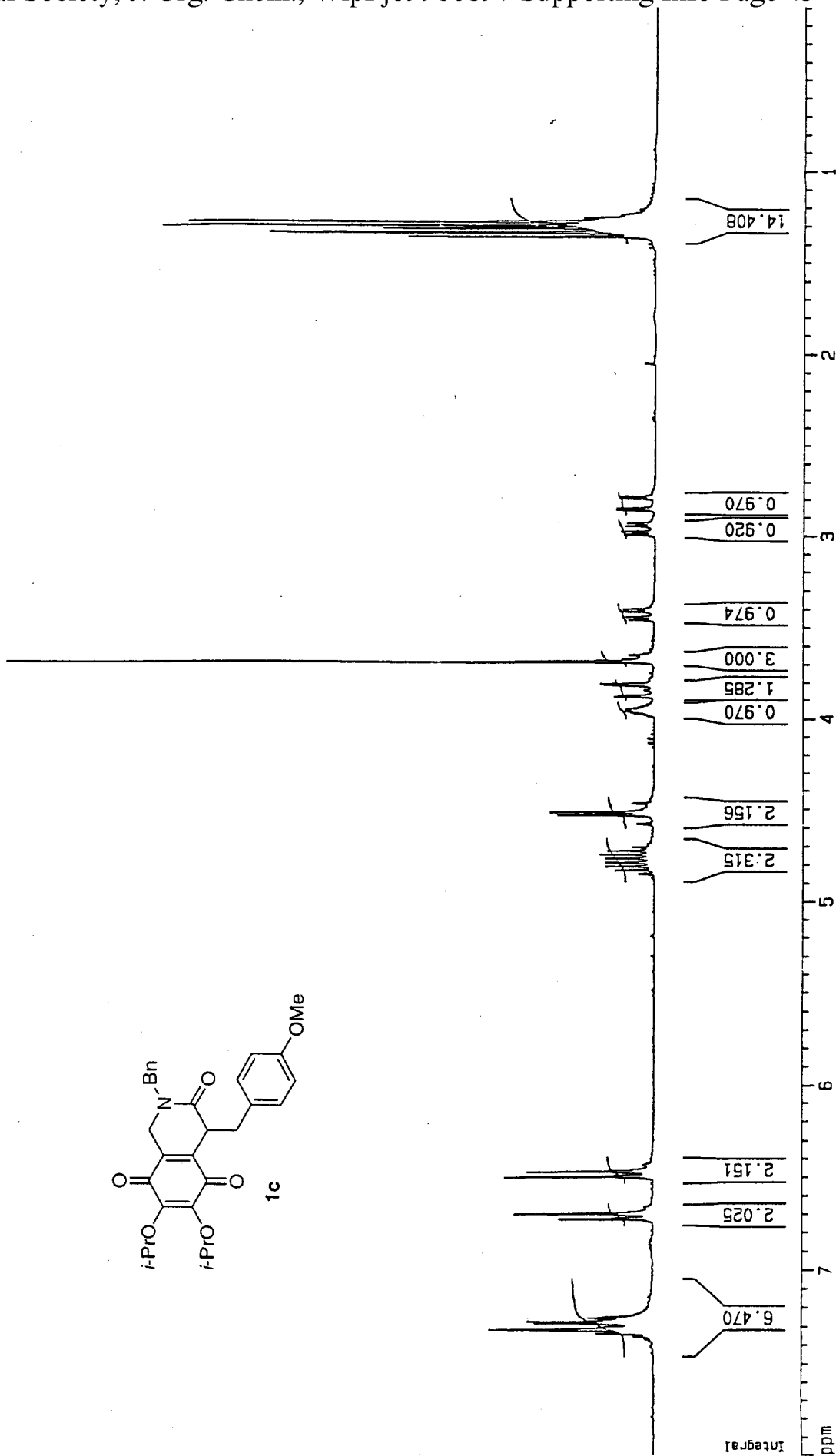
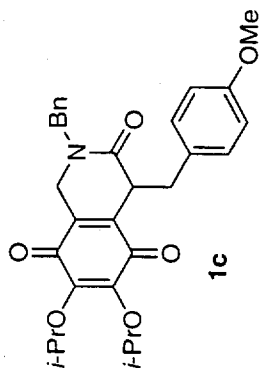
1.35770
1.33599
1.32458
1.31408
1.29849
1.28878
1.27773
1.26039

2.85905
2.84757

3.88089
3.81532
3.80824
3.68566

4.83185
4.81108
4.79011
4.76805
4.74676
4.72626
4.53288
4.51704

7.33951
7.33499
7.33051
7.32036
7.31578
7.30442
7.30004
7.28092
7.27168
7.26574
7.25552
7.24936
6.72577
6.69727
6.49976
6.49297
6.47764
6.47092



CRH-2-234; Cyclized 4-Methoxycinnamide

ppm

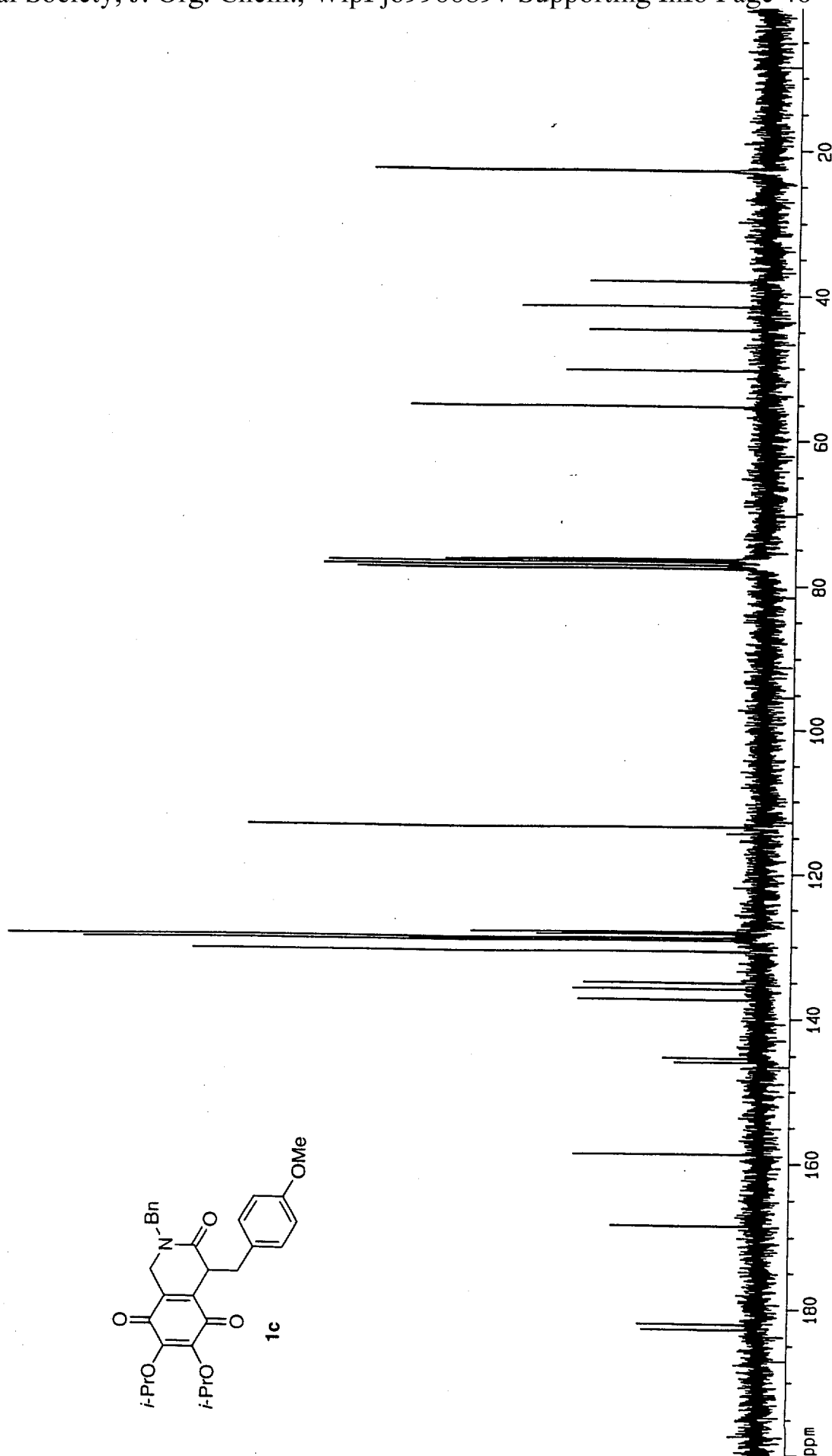
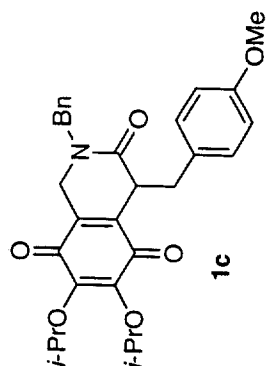
22.842
22.769
22.727
22.681

55.270
50.363
44.807
41.589
38.082

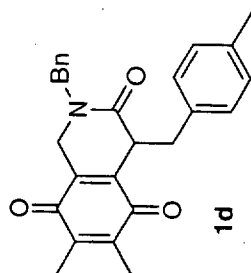
77.551
77.228
76.804
76.547
76.433

145.927
145.371
137.292
135.874
135.093
130.712
129.202
128.832
128.297
128.007
113.521

182.808
182.024
168.535
158.731



CRH-2-236; Cyclization prod.

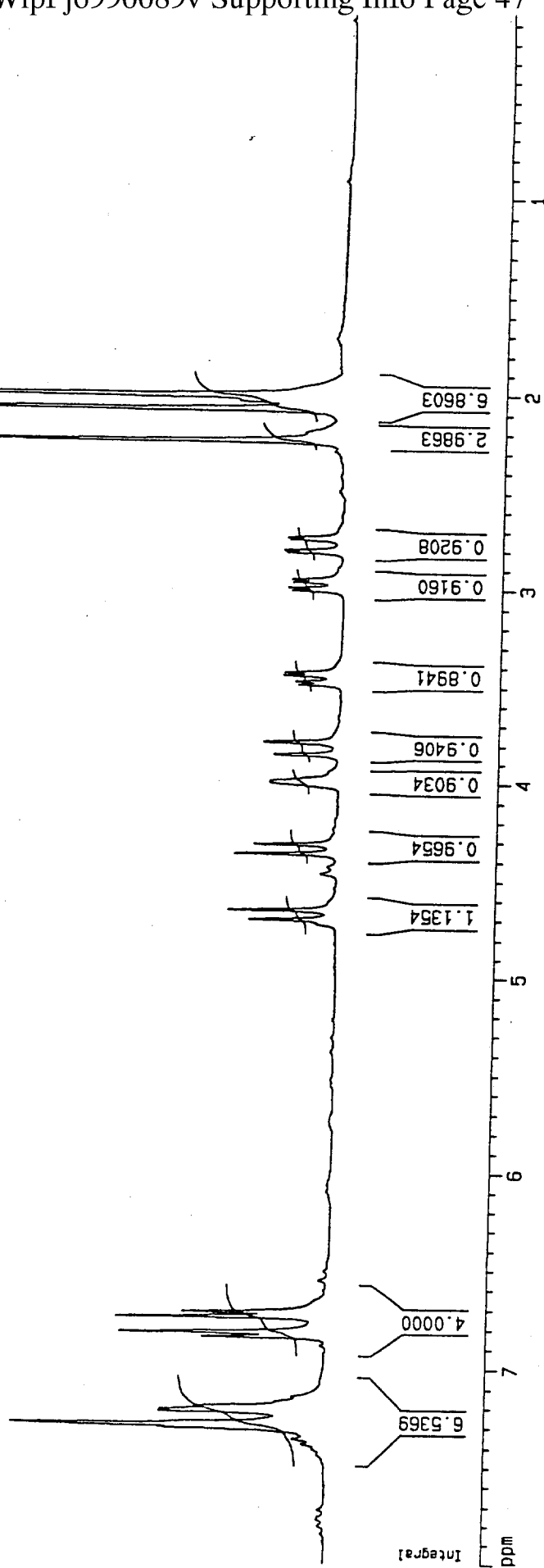


7.30418
7.28807
7.22039
7.21092
7.19702
6.84118
6.81569
6.73882
6.71292

ppm

4.70255
4.65454
4.36508
4.31716
3.99582
3.78646

2.23894
2.07654
2.03472
2.00565



CRH-2-236; Cyclization prod.

ppm

185.155
184.501

168.720

141.474
140.776
138.754
136.692
136.623
135.945
133.343
129.656
128.917
128.776
127.912

77.658
77.233
76.810

50.180

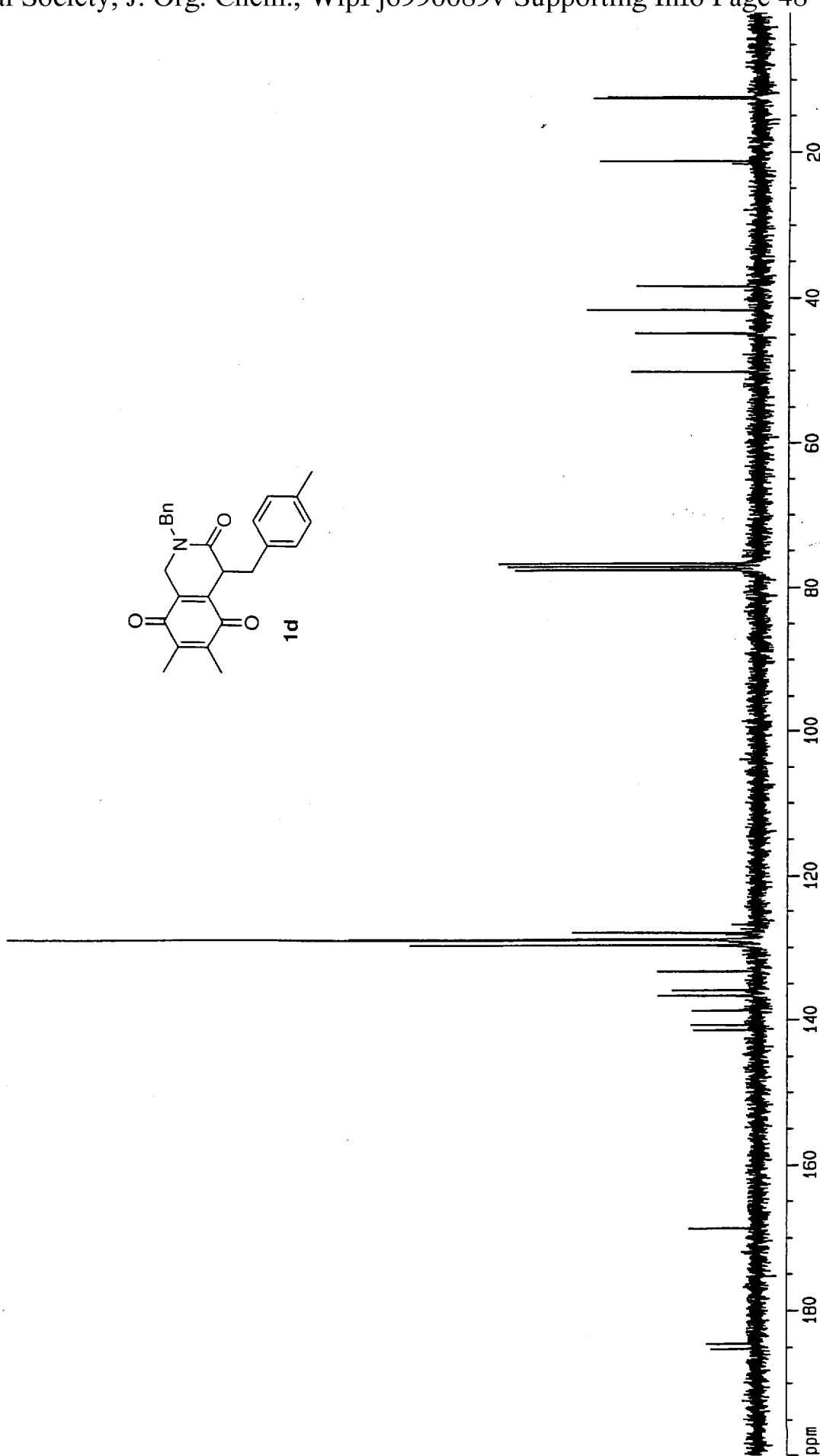
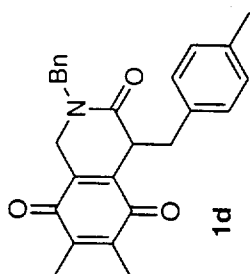
44.841

41.711

38.429

21.247

12.561
12.321



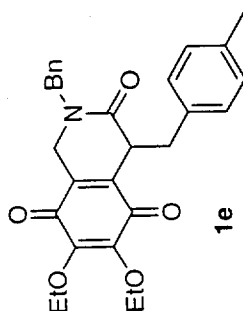
Diethoxy squarate cycl. prod.

1.43983
1.41608
1.39364
1.38061
1.37034
1.34661

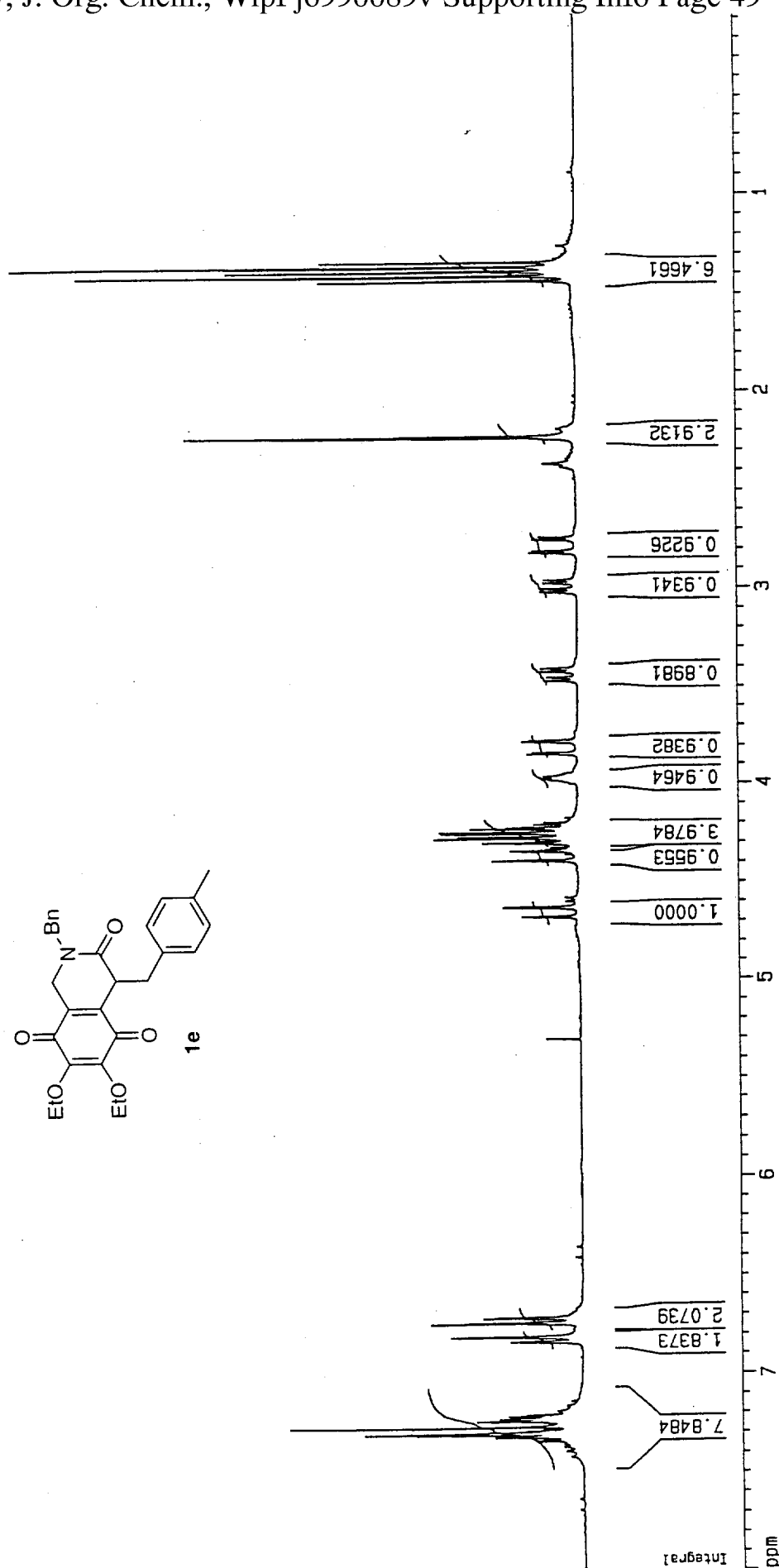
2.23423

2.74269
2.75461
2.80829
2.82031
3.00584
3.40984
3.42560
3.77559
3.78247
3.84126
3.84820
4.20861
4.22499
4.23244
4.24886
4.25643
4.27263
4.28096
4.29636
4.30498
4.34563
4.39341
4.63385
4.68172

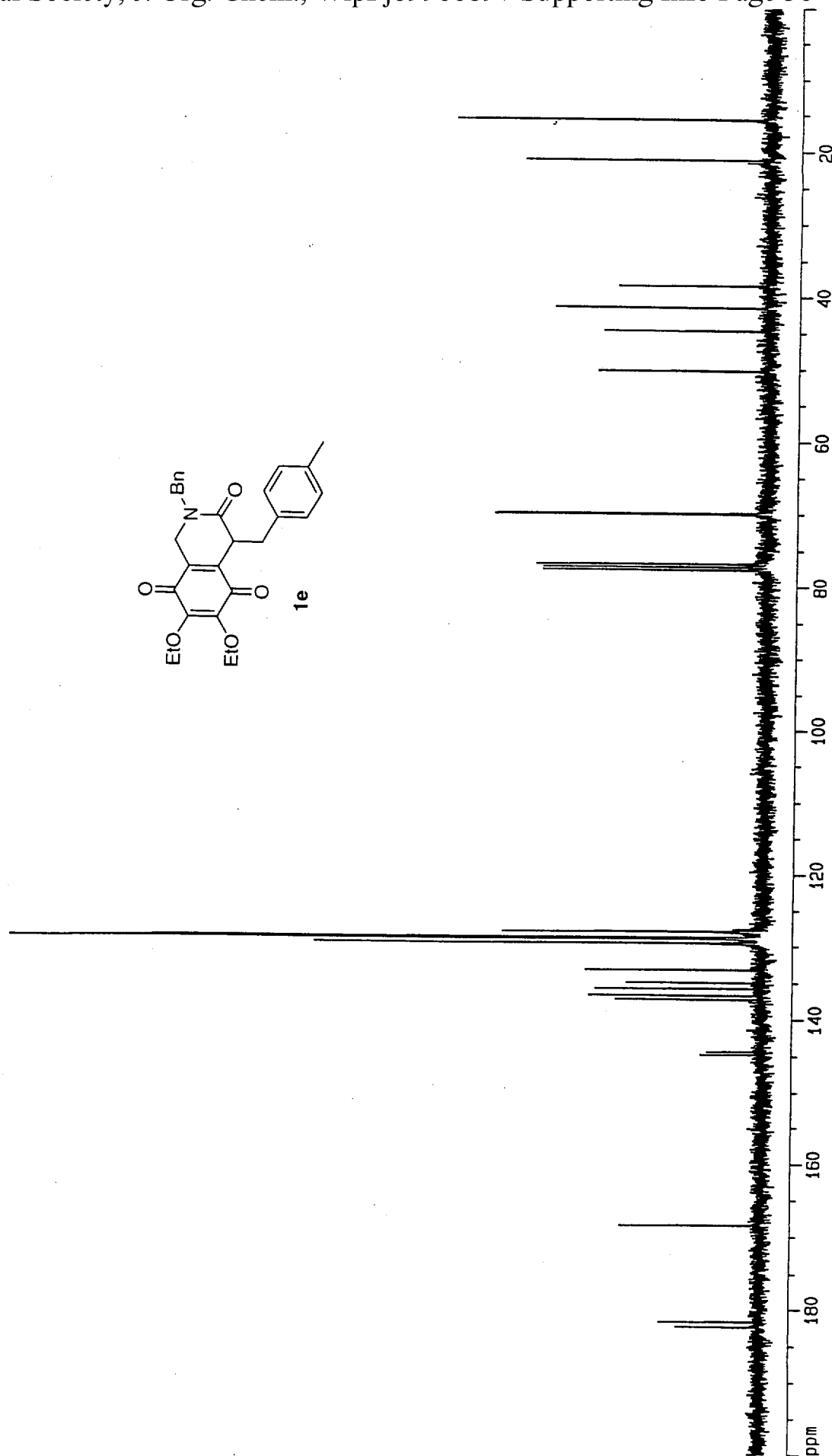
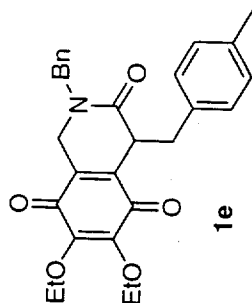
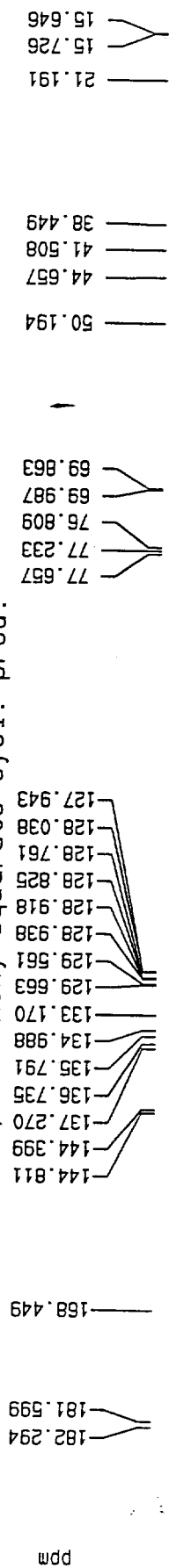
7.34163
7.32636
7.32010
7.30956
7.30283
7.29387
7.27181
7.24250
7.23094
7.21744
7.21046
6.84274
6.81667
6.74423
6.73849
6.71766



1e



CRH-2-238; Diethoxy squarate cycl. prod.



CRH-2-228; Fraction #1 (Cyclized quinone)

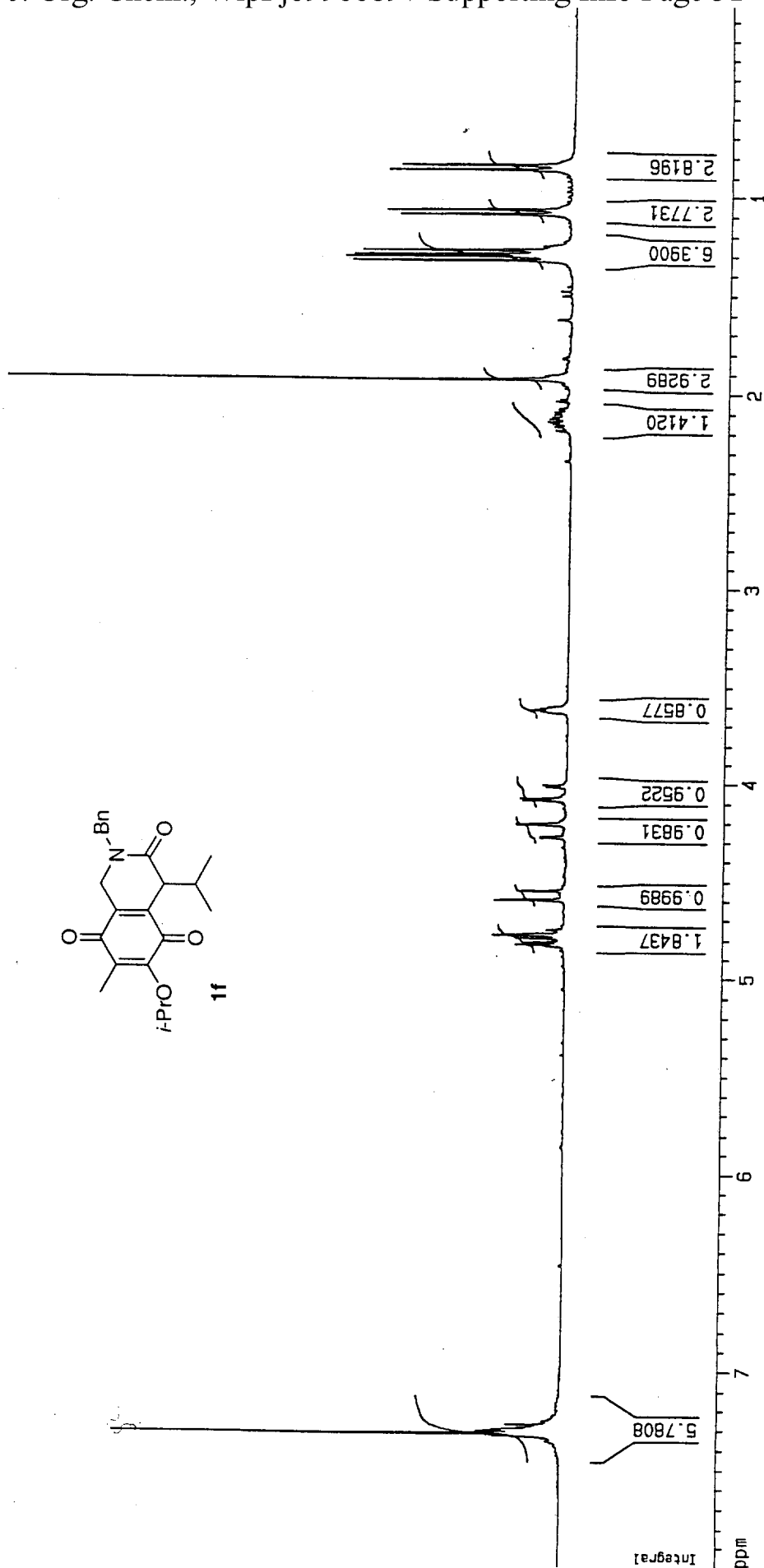
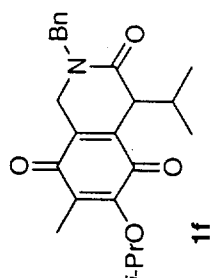
ppm

7.32862
7.32292
7.31365
7.30152
7.29433
7.28605
7.27019

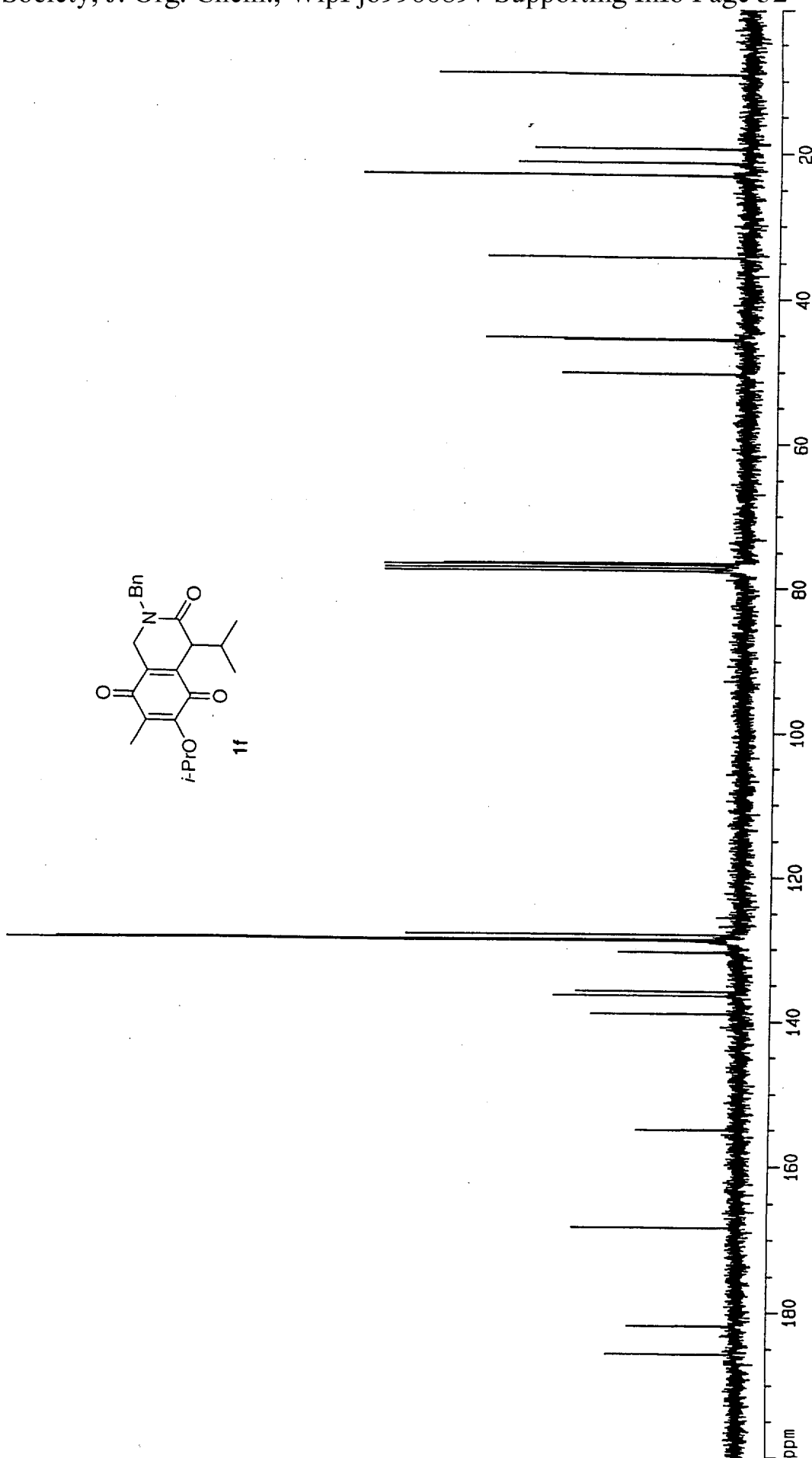
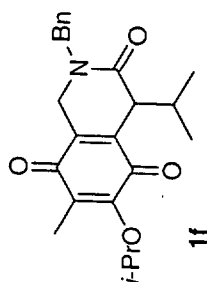
4.82630
4.81384
4.79339
4.77813
4.59950
4.55154
4.21247
4.20709
4.08793
4.07856
3.62108

1.32814
1.30772
1.29661
1.27587
1.09479
1.07213
0.86373
0.84044

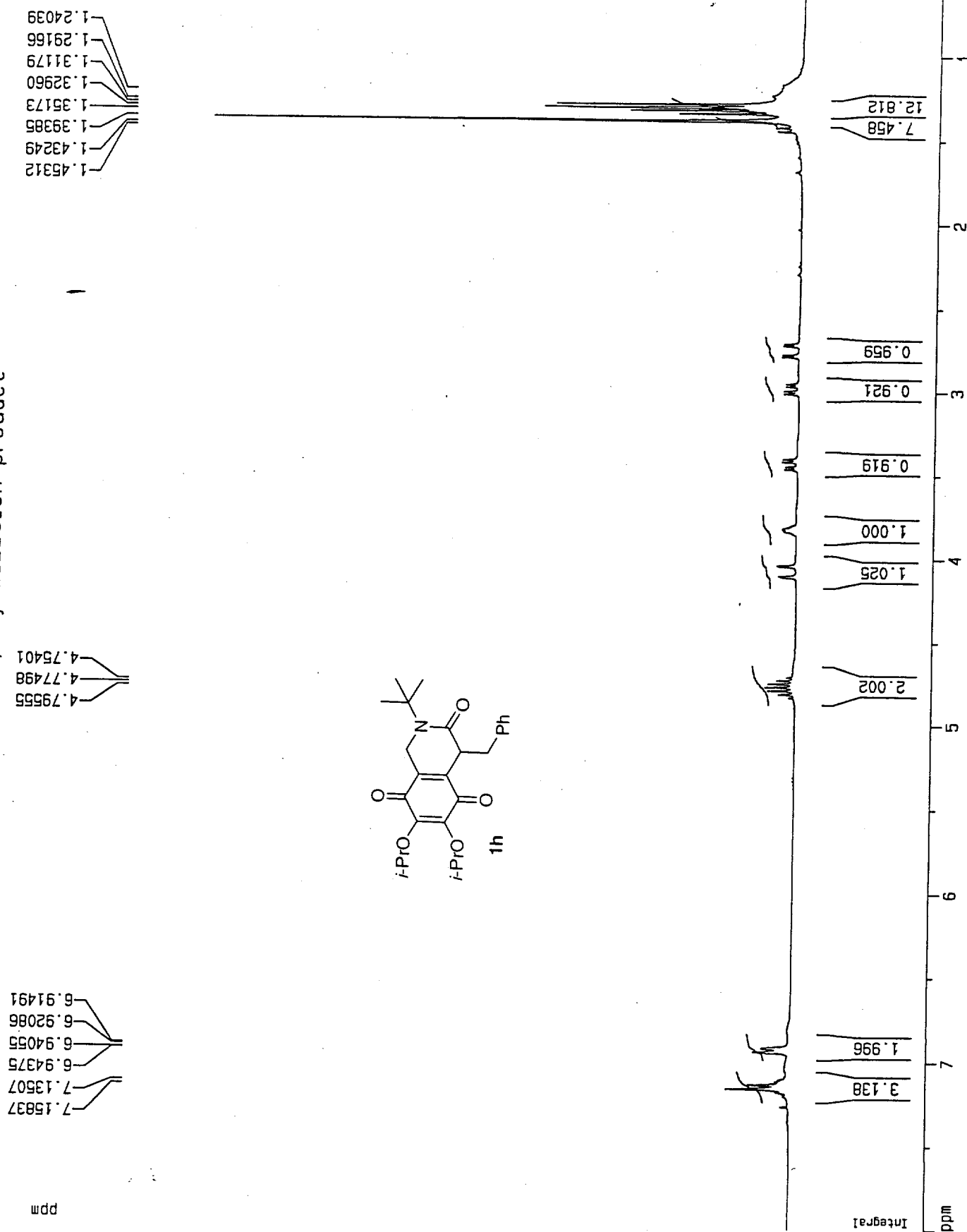
1.92990



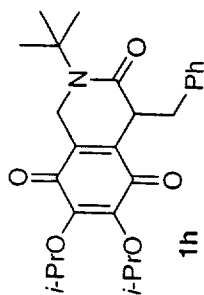
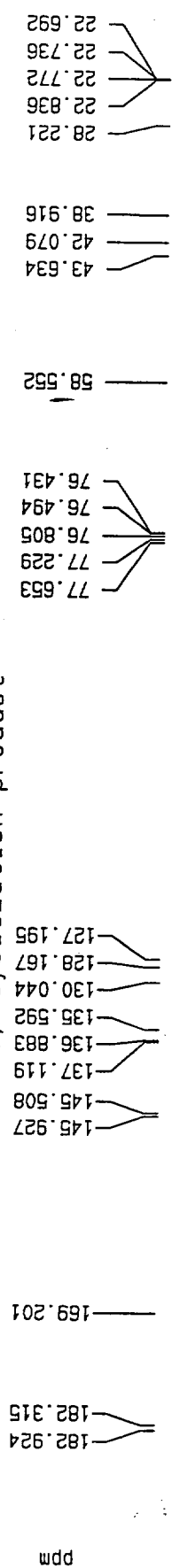
CRH-2-228; Cyclized quinone



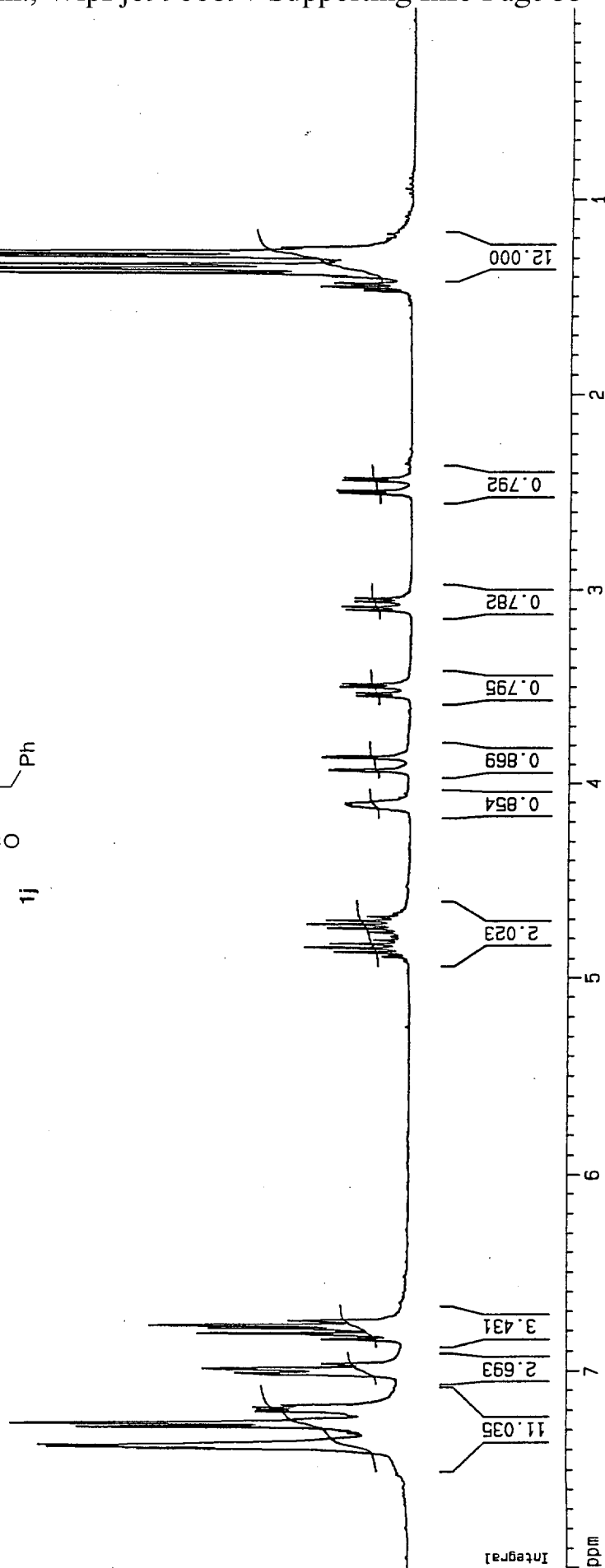
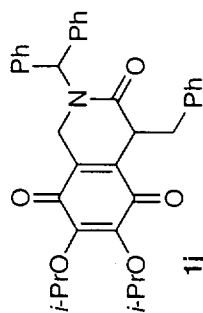
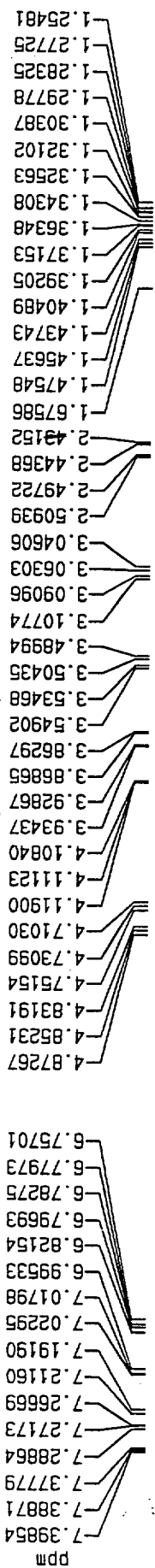
CRH-2-261; Cyclization product



CRH-2-261; Cyclization product



CRH-3-156; Diphenylmethane cycliz. prod.



CRH-3-156; Diphenylmethane cycl. prod.

23.108
22.927
22.856
22.779
22.681

42.055
41.210
38.724

59.846

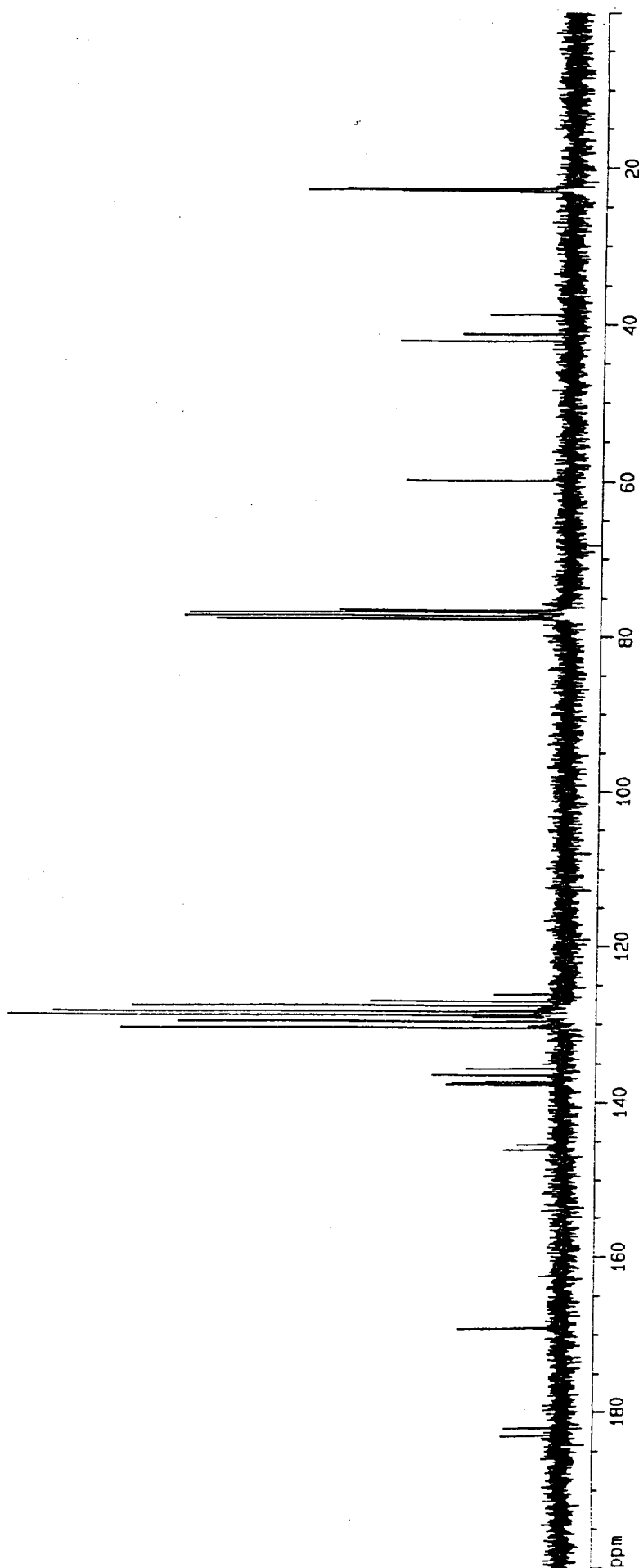
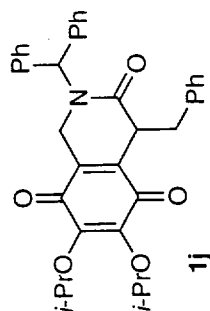
77.651
77.228
76.804
76.644
76.468

126.107
127.011
127.538
127.580
128.111
128.297
128.756
128.785
129.036
129.593
130.408
135.579
136.446
137.281
137.415
137.713
145.395
146.088

169.124

182.813
181.892

ppm



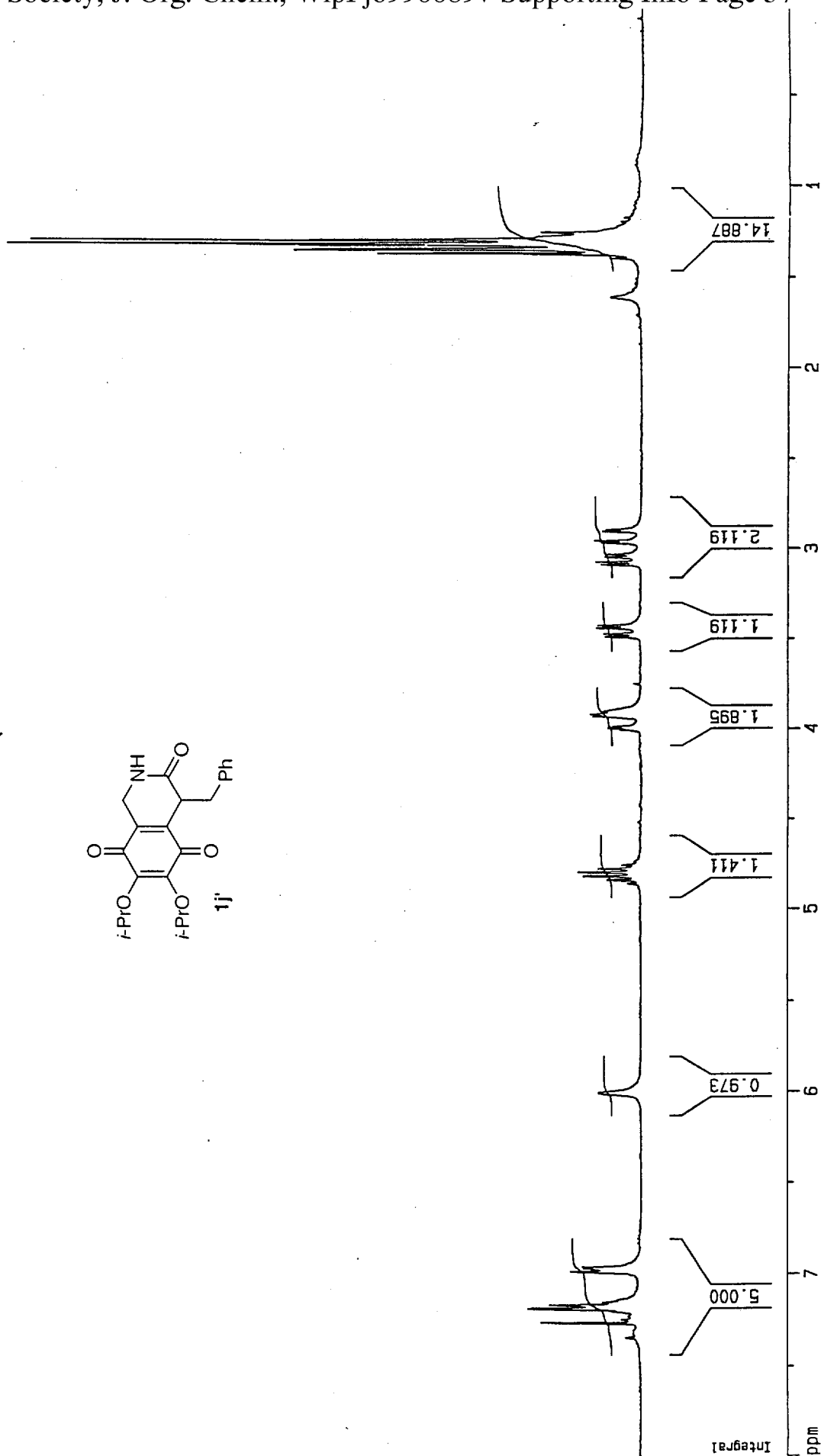
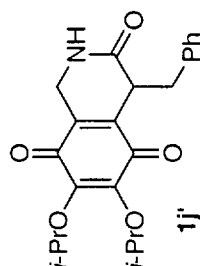
CRH-3-164; Fraction #2

1.61170
1.39983
1.37630
1.35497
1.33044
1.32122
1.30085
1.28554
1.25707

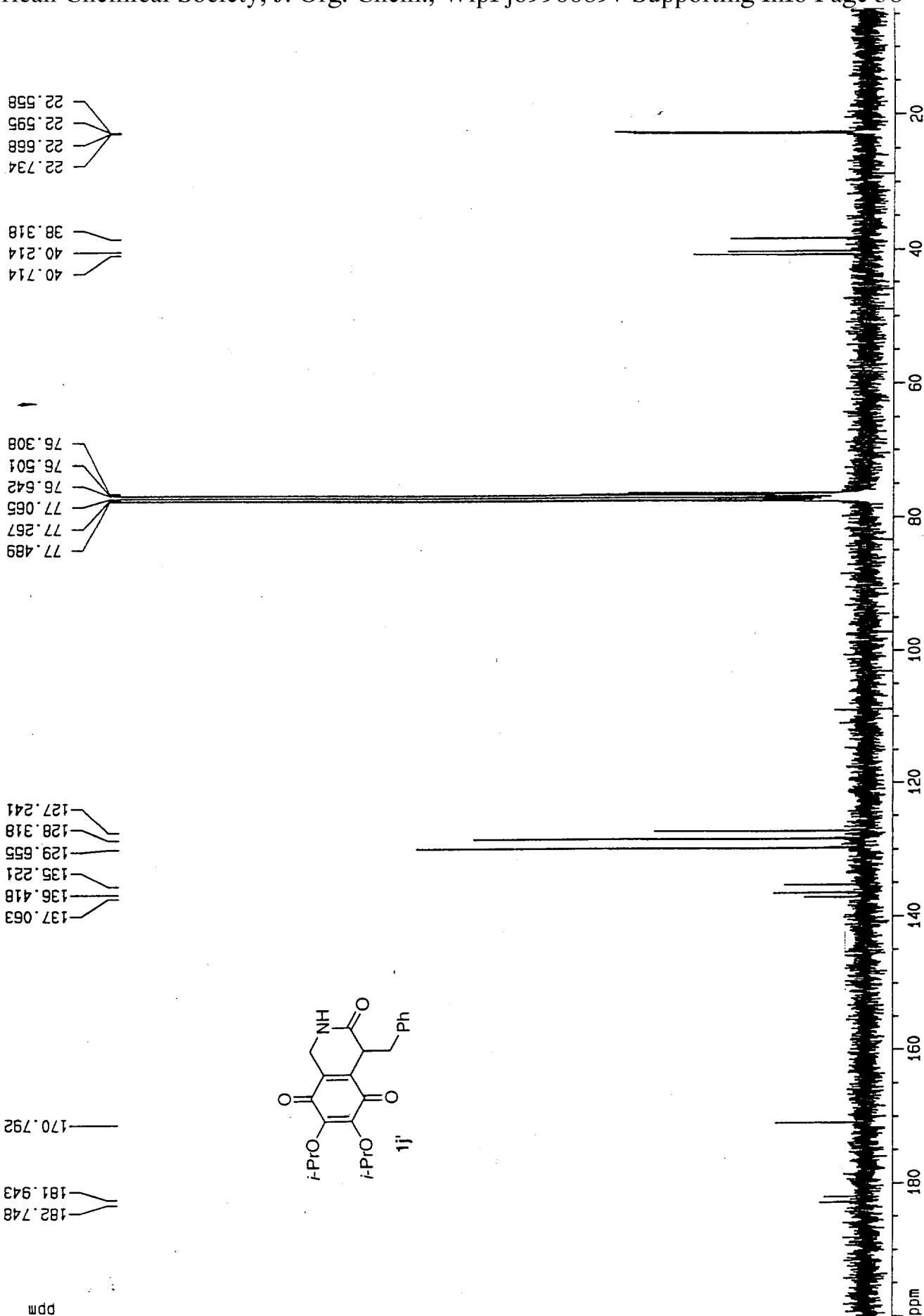
2.89491
2.90504
2.95923
2.97019
3.03297
3.04930
3.07735
3.09390
3.43180
3.44627
3.47656
3.49109
3.50534
3.92076
3.93205
3.98584
3.99616
4.77898
4.79912
4.81898
4.83846

6.00729

7.26675
7.20242
7.19170
7.18673
7.17834
7.16826
7.15646
7.15158
6.99190
6.98676
6.96956
6.96147



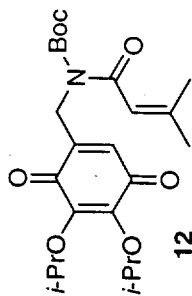
CRH-3-164; After benzhydryl removal



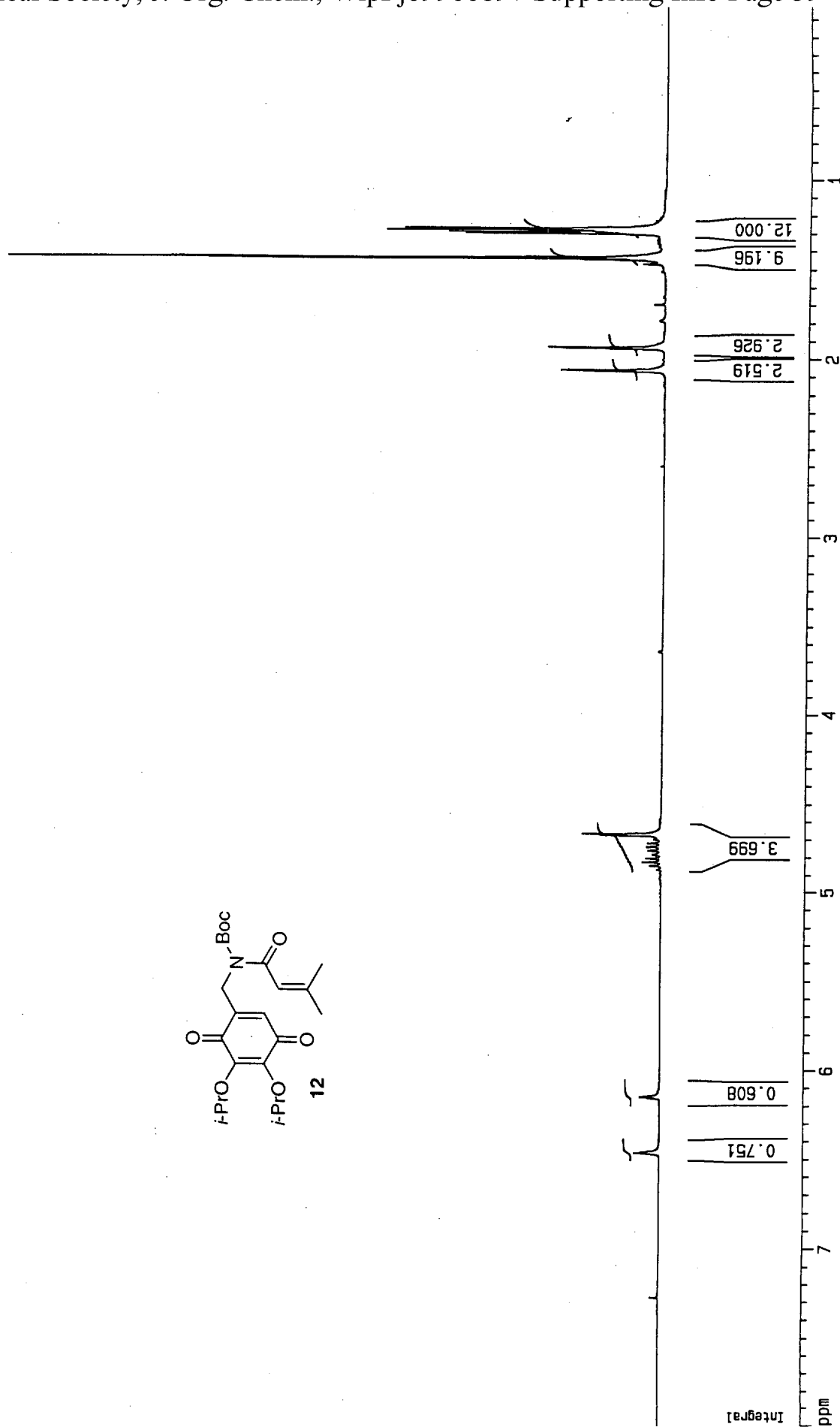
CRH-3-136; After xylenes reflux

1.27366
1.28260
1.29060
1.29476
1.30313
1.44335
1.93751
1.94048
2.06669
2.07036

4.67132
4.67791



ppm



CRH-3-136; Fraction #1

27.980
27.585
22.667
21.016

42.155

83.718
77.520
77.095
76.672
76.194
76.111

119.440

128.315

143.406

145.490

152.400

154.689

168.088

184.537
184.112

ppm

