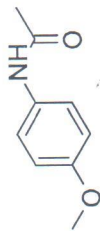


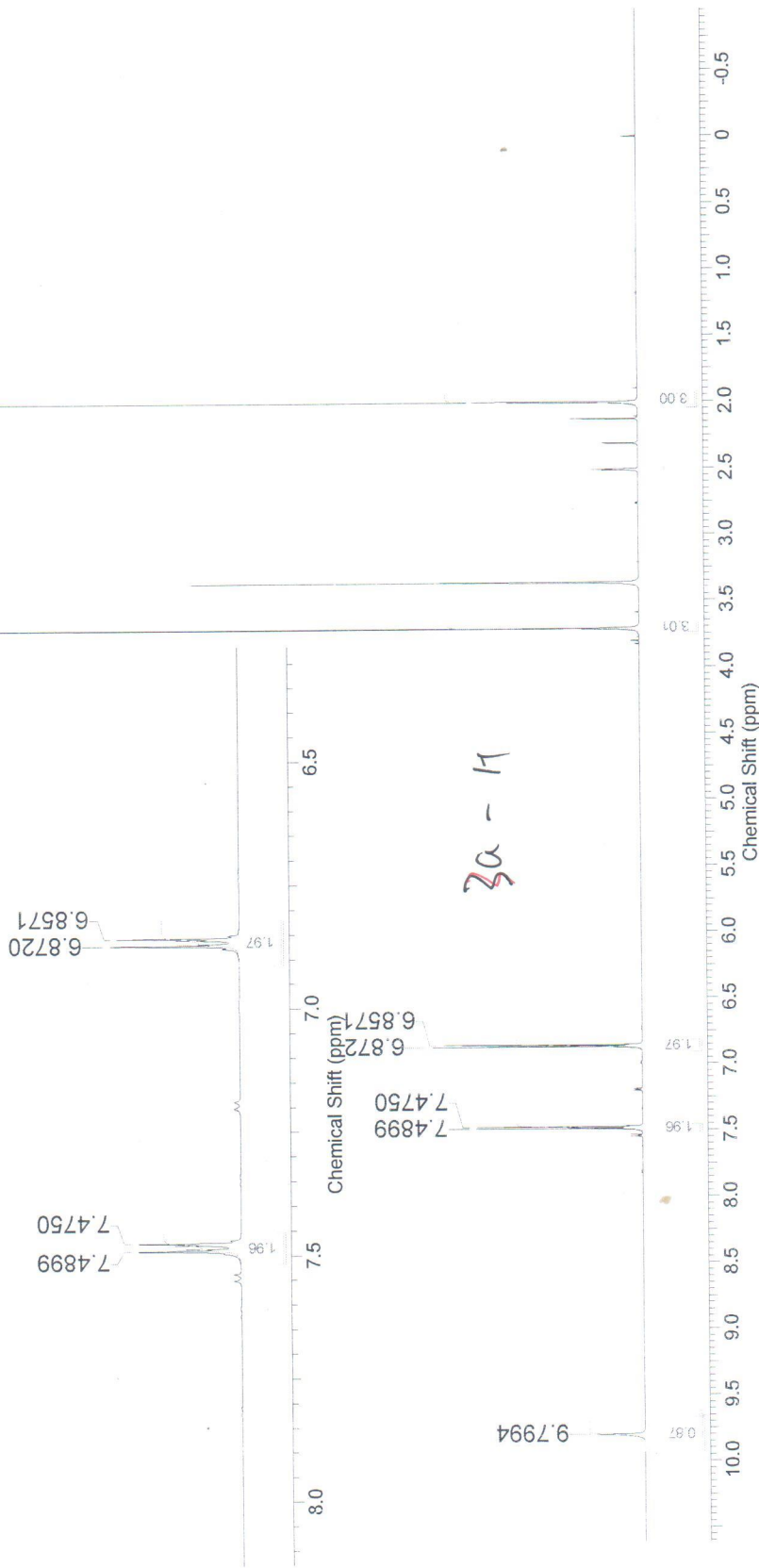
HXJS2017-CXX-17-7-8-1.001.001.1r.esp



HXJS2017-CXX-17-7-8-1.001.001.1r.esp

Water

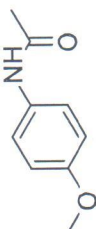
Acquisition Time (sec) 2.7263
Comment 1H NMR
Date 12 Jul 2017
09:23:12
Date Stamp 12 Jul 2017
09:23:12
Frequency (MHz) 600.13
Nucleus ¹H
Number of Transients 4
Origin spect
Original Points Count 32768
Owner root
Points Count 65536
Pulse Sequence zg30
Receiver Gain 78.68
SW(cyclical) (Hz) 12019.23
Solvent DMSO-d6
Spectrum Offset (Hz) 3706.0515
Spectrum Type STANDARD
Sweep Width (Hz) 12019.05
Temperature (degree C) 21.678



Acquisition Time (sec) 1.8175
 Comment 13C NMR
 Date 12 Jul 2017
 Date Stamp 09.27.28
 Frequency (MHz) 150.90
 Nucleus 13C
 Number of Transients 100
 Origin spect
 Original Points Count 65536
 Owner root
 Points Count 262144
 Pulse Sequence zgpg30
 Receiver Gain 197.01
 SW(cyclical) (Hz) 36057.69
 Solvent DMSO-d6
 Spectrum Offset (Hz) 15089.0967
 Spectrum Type STANDARD
 Sweep Width (Hz) 36057.55
 Temperature (degree C) 22.689

24.2599
 39.5651
 39.7036
 39.8431
 39.9807
 40.1202
 40.2578
 40.3982
 55.5867

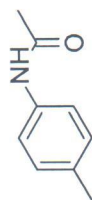
114.2322
 120.9801
 133.0038
 155.4597
 168.1828



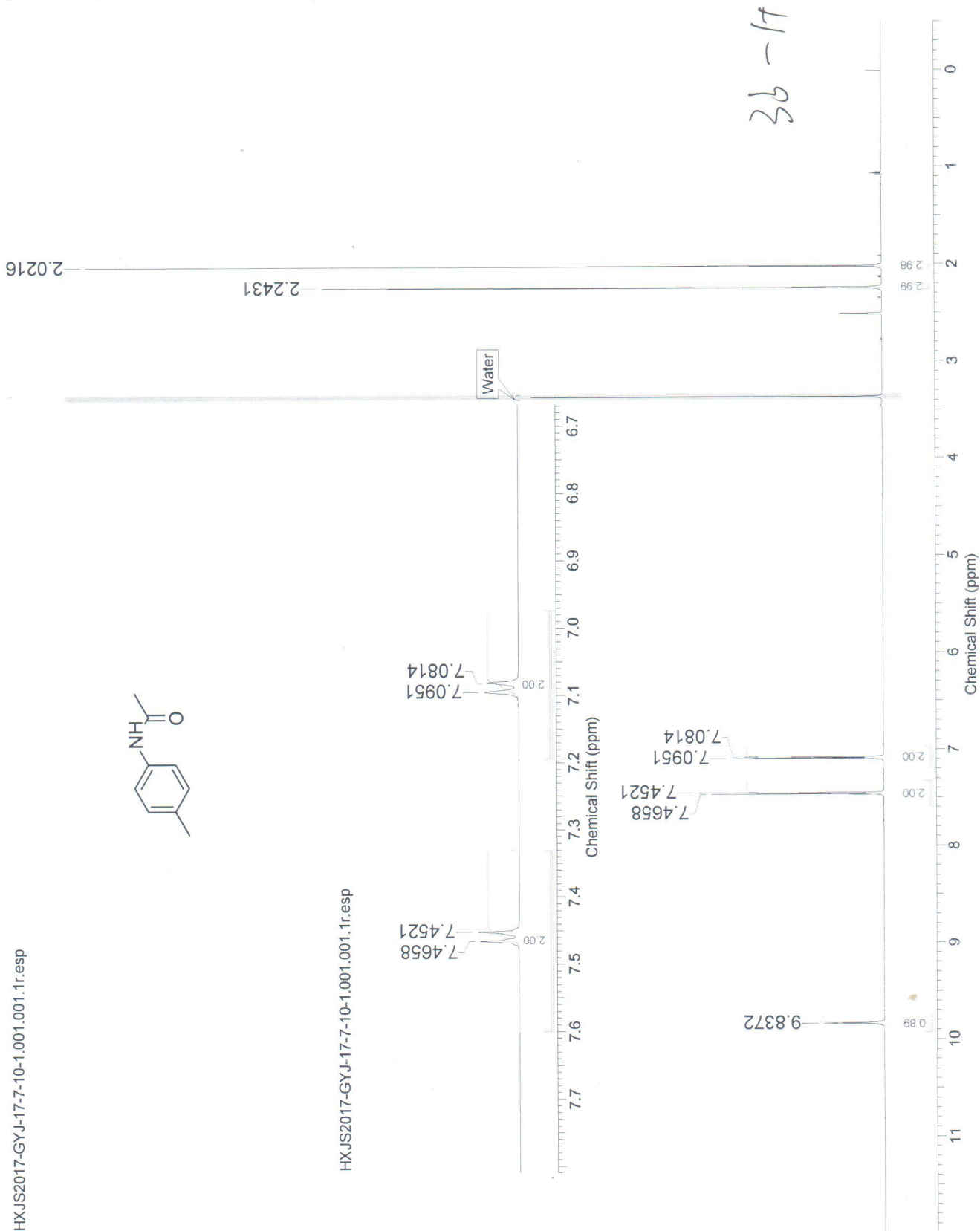
3a-c



Acquisition Time (sec) 2.7263
 Comment 1H NMR
 Date 12 Jul 2017
 09:18:56
 Date Stamp 12 Jul 2017
 09:18:56
 Frequency (MHz) 600.13
 Nucleus 1H
 Number of Transients 4
 Origin spect
 Original Points Count 32768
 Owner root
 Points Count 65536
 Pulse Sequence zg30
 Receiver Gain 78.68
 SW(cyclical) (Hz) 12019.23
 Solvent DMSO-d6
 Spectrum Offset (Hz) 3706.0515
 Spectrum Type STANDARD
 Sweep Width (Hz) 12019.05
 Temperature (degree C) 21.680



HXJS2017-GYJ-17-7-10-1.001.001.1r.esp

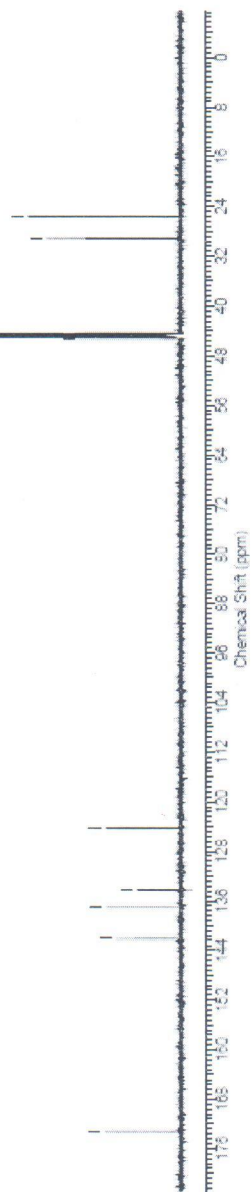


HXJS2017-GYJ-17-7-10-1.001.001.1r.esp

Acquisition Time (sec) 1.8175
 Comment 13C NMR
 Date 11 Jul 2017
 16.29.53
 Date Stamp 11 Jul 2017
 16.29.53
 Frequency (MHz) 150.90
 Nucleus 13C
 Number of Transients 100
 Spect 100
 Original Pulse Count 65536
 Owner 1063
 Period Count 255144
 Pulse Sequence zgpg30
 Receiver Gain 107.01
 SMCyclical (nd) 3502.69
 Solvent CHLOROFORM
 M-3
 Spectrum Offset (Hz) 100.6287
 Spectrum Type STANDARD
 Sweep Width (Hz) 3607.25
 Temperature (degree C) 25.085

45.1535
 45.0132
 44.8746
 44.7351
 44.5966
 44.4571
 44.3177
 29.1529
 25.6372

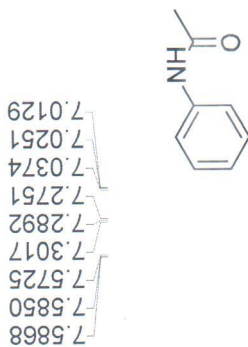
173.2100
 142.0596
 137.0108
 134.2016
 124.1932



36-C

3609.001.001.1r.esp

Acquisition Time (sec) 2.7263
 Comment 1H NMR
 Date 11 Jul 2017
 16:44:48
 Date Stamp 11 Jul 2017
 Frequency (MHz) 600.13
 Nucleus 1H
 Number of Transients 4
 Origin spect
 Original Points Count 32768
 Owner root
 Points Count 65536
 Pulse Sequence zg30
 Receiver Gain 78.68
 SW(cyclical) (Hz) 12019.23
 Solvent DMSO-d6
 Spectrum Offset (Hz) 3706.0515
 Spectrum Type STANDARD
 Sweep Width (Hz) 12019.05
 Temperature (degree C) 22.076



9.9286

2.0451

3609.001.001.1r.esp

7.5868
7.5850
7.5725
7.5709
7.3017
7.2892
7.2876
7.2751
7.0392
7.0374
7.0355
7.0251
7.0144
7.0129

Chemical Shift (ppm)

3c H

Chemical Shift (ppm)

C:\USERS\JH\APPI\DATA\LOCAL\TEMP\36021P\TEMP\36089\1

Acquisition Time (sec) 1.8175
 Comment 13C NMR
 Date 11 Jul 2017
 16:40:32
 Date Stamp 11 Jul 2017
 16:40:32
 Frequency (MHz) 150.90
 Nucleus 13C
 Number of Transients 65
 Origin spect
 Original Points Count 65536
 Owner root
 Points Count 262144
 Pulse Sequence zgpg30
 Receiver Gain 197.01
 SW(cyclical) (Hz) 36057.69
 Solvent DMSO-d6
 Spectrum Offset (Hz) 15089.0967
 Spectrum Type STANDARD
 Sweep Width (Hz) 36057.55
 Temperature (degree C) 23.471

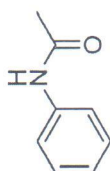
40.1275
 39.9880
 39.8485

40.2660
 39.7100

24.4714

40.4055
 39.5705

3C - C



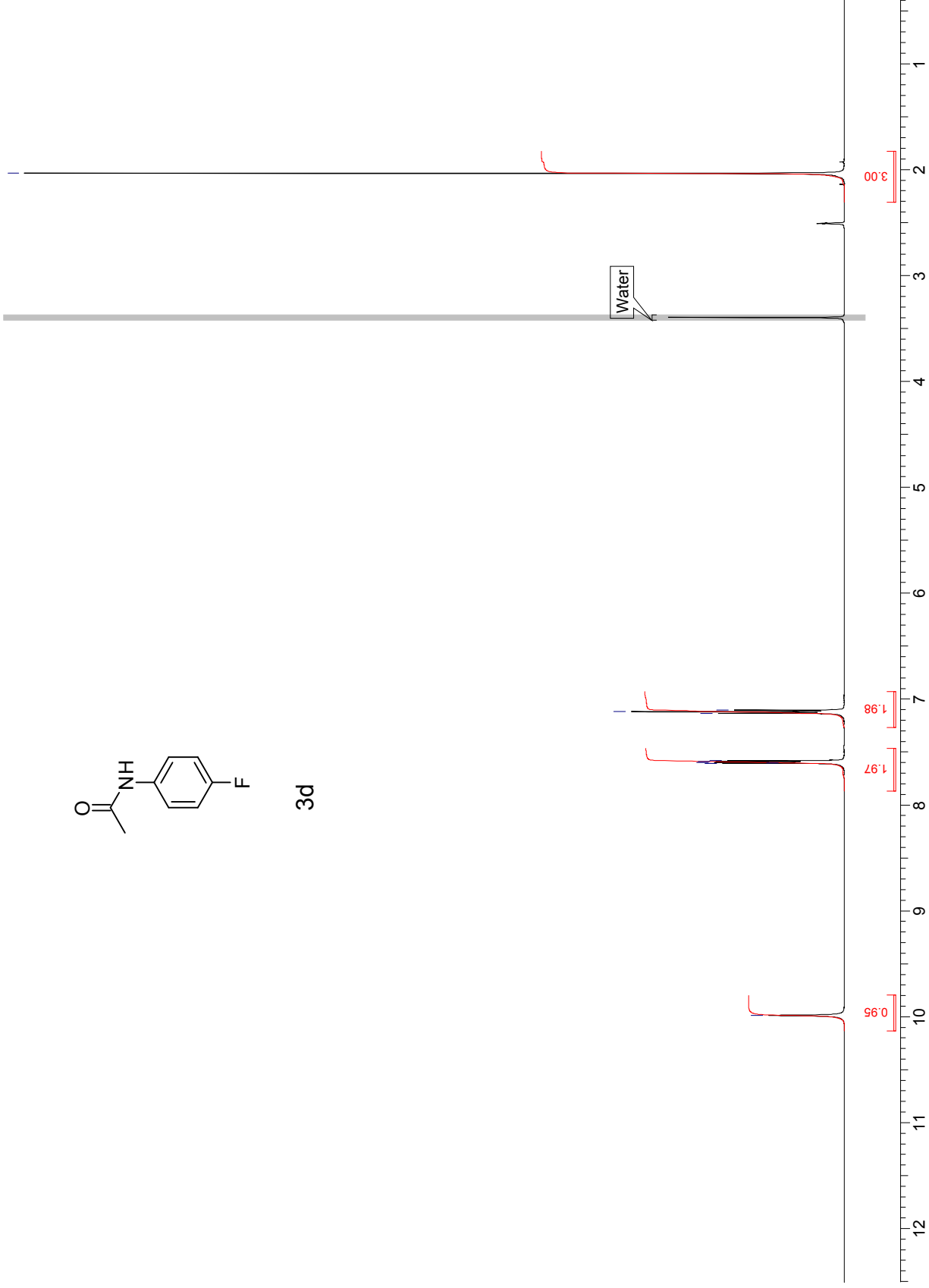
129.1180
 123.4175
 119.4260

139.8027

168.7222

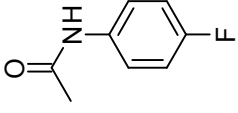
Chemical Shift (ppm)

Chemical Shift (ppm)



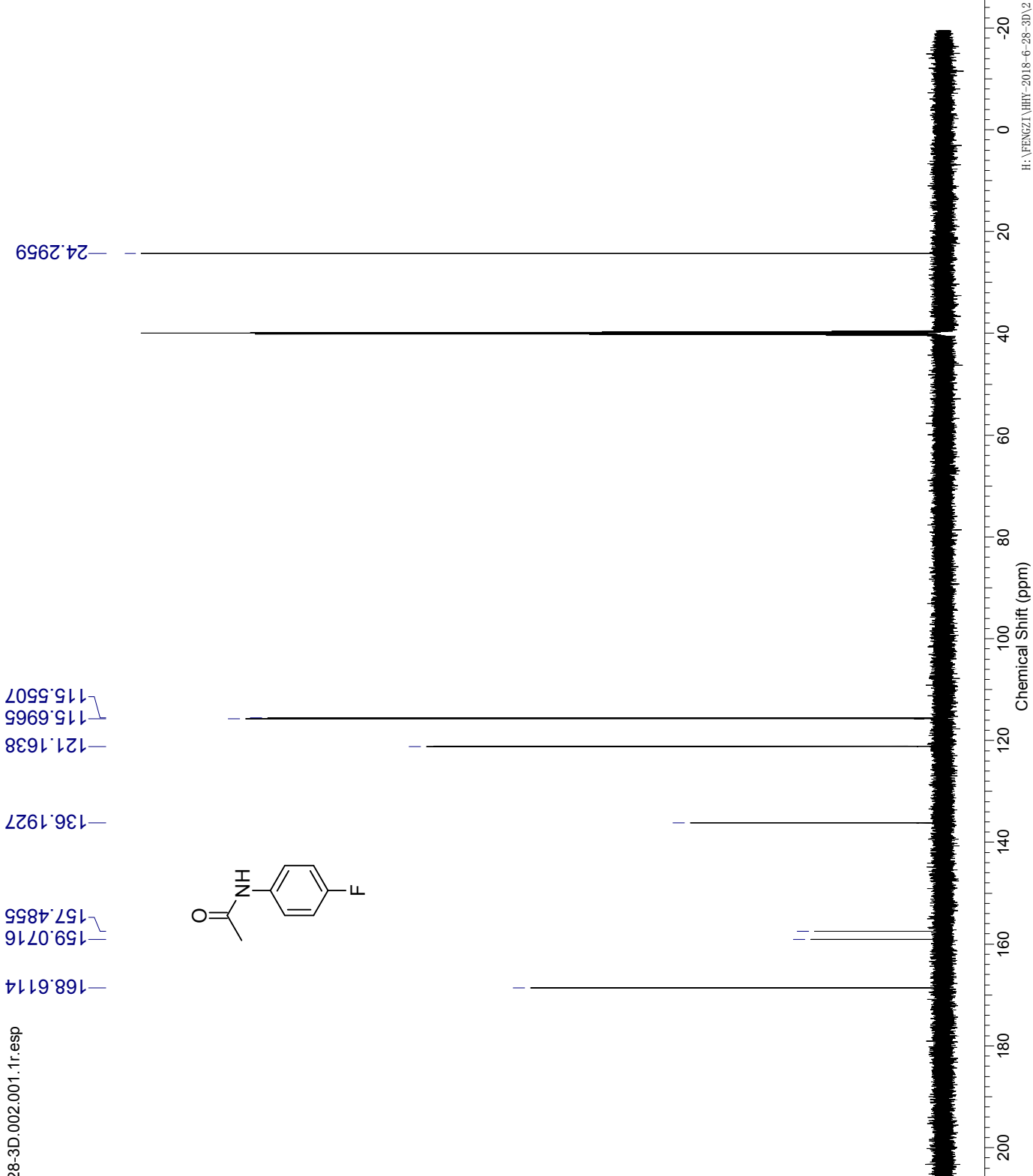
Water

3d



7.6061
7.6024
7.5978
7.5908
7.5825
7.1342
7.1193
7.1043

9.9873

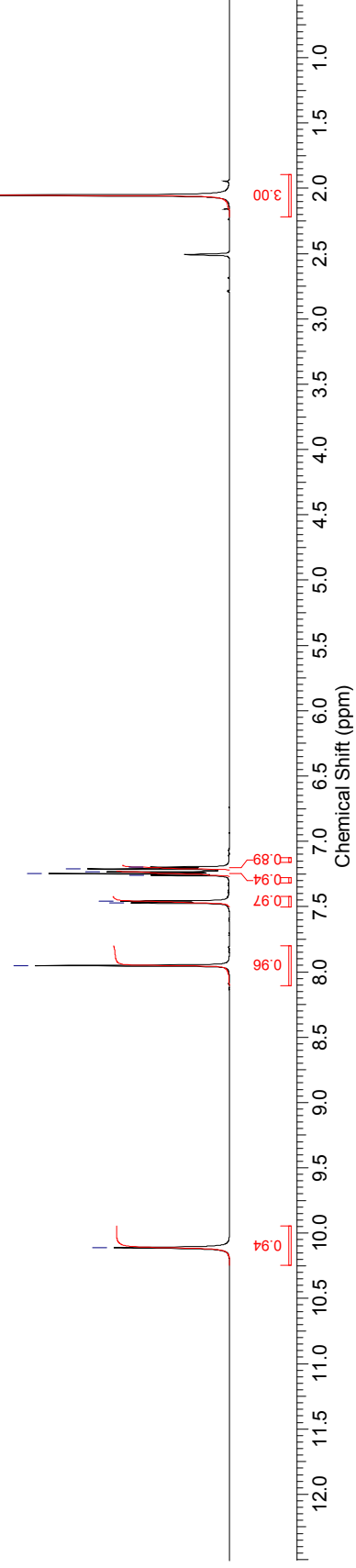
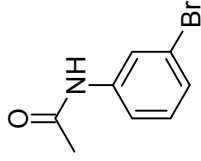


HHY-2018-6-28-3E.001.001.1r.esp

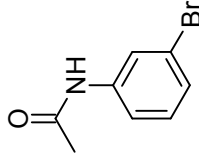
7.9517
7.4716
7.4585
7.2617
7.2482
7.2351
7.2115
7.1978

2.0537

Acquisition Time (sec) 2.7263
Comment 1H NMR
Date 28 Jun 2016:19:12
Date Stamp 28 Jun 2016:19:12
Frequency (MHz) 600.13
Nucleus 1H
Number of Transients 8
Origin spect
Original Points Count 32768
Owner root
Points Count 65536
Pulse Sequence zg30
Receiver Gain 43.49
SW(cyclical) (Hz) 12019.23
Solvent DMSO-d6
Spectrum Offset (Hz) 3706.051
Spectrum Type STANDALONE
Sweep Width (Hz) 12019.05
Temperature (degree C) 22.348



169.1328
141.3464
131.1120
126.0257
121.9878
121.7234
118.1284



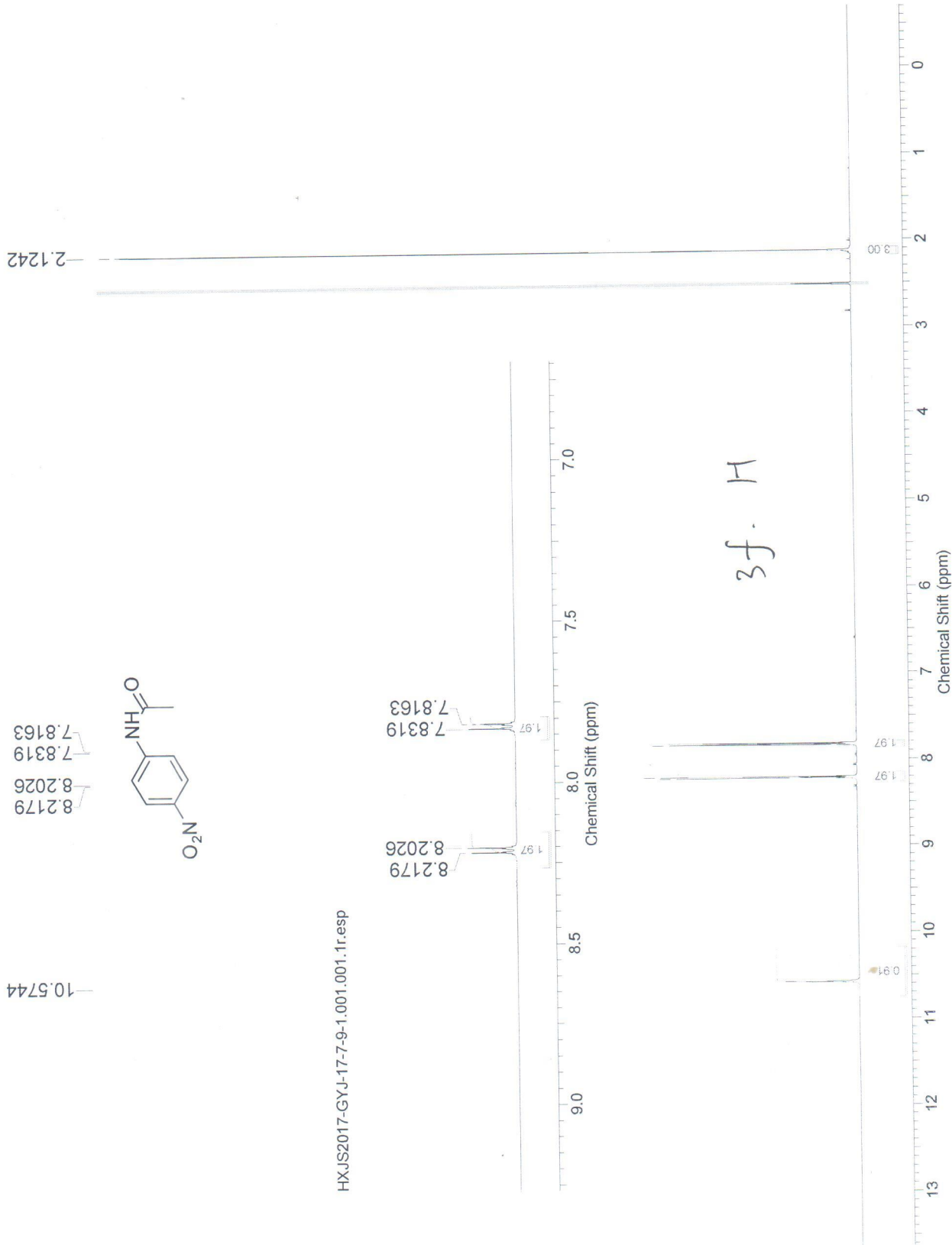
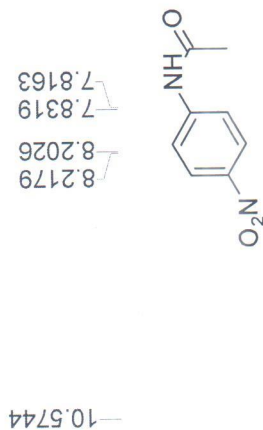
24.4928



Acquisition Time (mm:ss.ss)
Comment
Date
Date Stamp
Frequency (MHz)
Nucleus
Number of Transients
Original Points Collected
Owner
Points Count
Pulse Sequence
Receiver Gain
SW(cyclical) (Hz)
Solvent
Spectrum Offset (Hz)
Spectrum Type
Sweep Width (Hz)
Temperature (deg C)

HXJS2017-GYJ-17-7-9-1.001.001.1r.esp

HXJS2017-GYJ-17-7-9-1.001.001.1r.esp



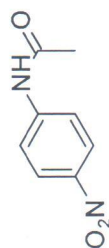
Acquisition Time (sec) 2.7263
Comment 1H NMR
Date 13 Jul 2017
11:09:52
Date Stamp 13 Jul 2017
11:09:52
Frequency (MHz) 600.13
Nucleus 1H
Number of Transients 4
Origin spect
Original Points Count 32768
Owner root
Points Count 65536
Pulse Sequence zg30
Receiver Gain 78.68
SW(cyclical) (Hz) 12019.23
Solvent DMSO-d6
Spectrum Offset (Hz) 3706.0515
Spectrum Type STANDARD
Sweep Width (Hz) 12019.05
Temperature (degree C) 21.496

Acquisition Time (sec) 1.8175
 Comment 13C NMR
 Date 13 Jul 2017
 Date Stamp 11:18:24
 Date Stamp 13 Jul 2017
 Date Stamp 11:18:24
 Frequency (MHz) 150.90
 Nucleus 13C
 Number of Transients 100
 Origin spect
 Original Points Count 65536
 Owner root
 Points Count 262144
 Pulse Sequence zgpg30
 Receiver Gain 197.01
 SW(cyclical) (Hz) 36057.69
 Solvent DMSO-d6
 Spectrum Offset (Hz) 15089.0967
 Spectrum Type STANDARD
 Sweep Width (Hz) 36057.55
 Temperature (degree C) 22.885

40.3836
 40.2487
 40.1083
 39.9689
 39.8303
 39.6909
 39.5523
 24.7057

145.9208
 142.4489
 125.4447
 118.9976

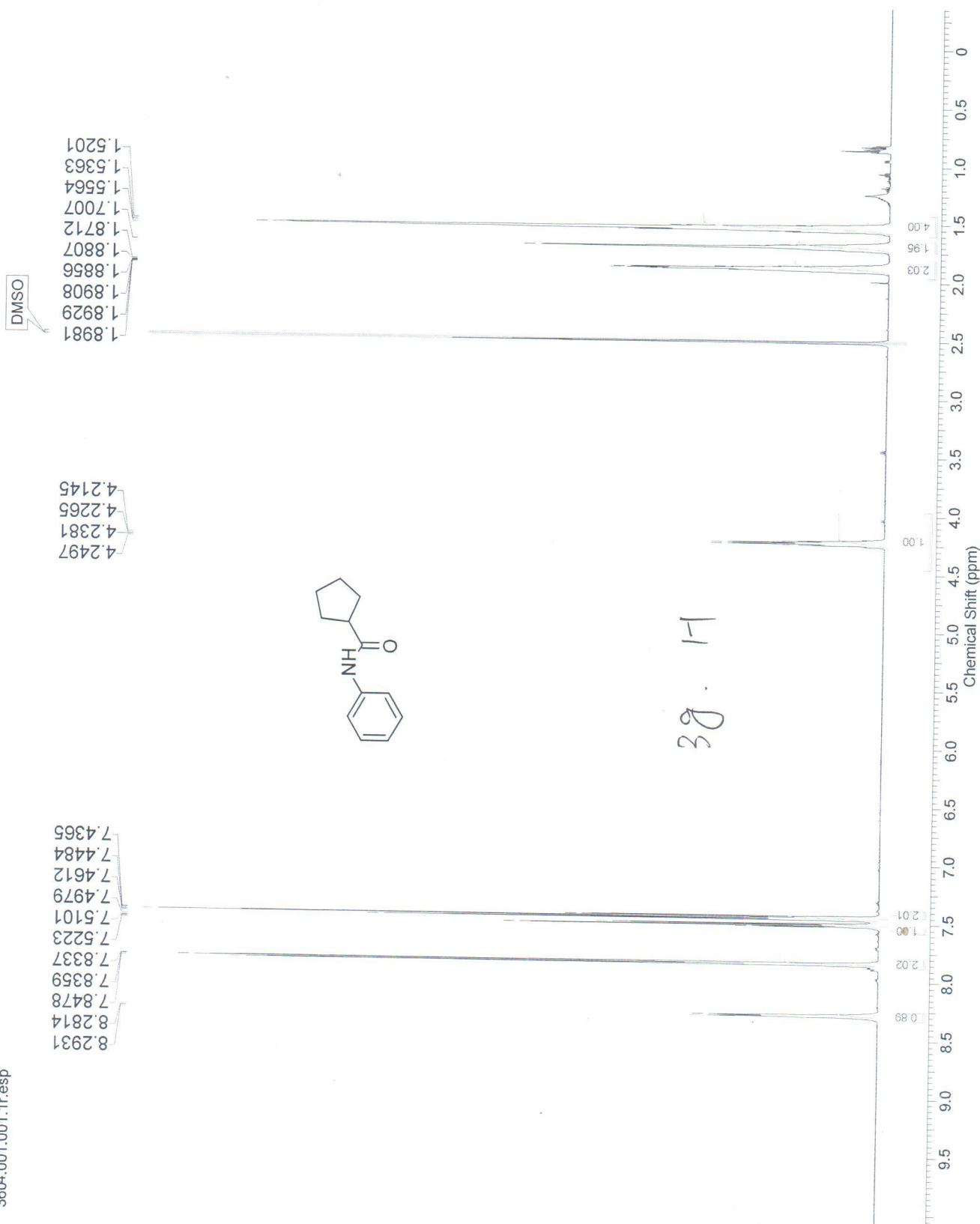
169.824



3f. c



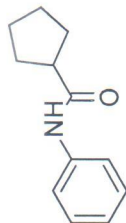
Acquisition Time (sec) 2.7253
Comment 1H NMR
Date 15 Jul 2017
07:49:20
Date Stamp 15 Jul 2017
07:49:20
Frequency (MHz) 600.13
Nucleus 1H
Number of Transients 4
Origin spect
Original Points Count 32768
Owner root
Points Count 65536
Pulse Sequence zg30
Receiver Gain 49.95
SW(cyclical) (Hz) 12019.23
Solvent DMSO-d6
Spectrum Offset (Hz) 3706.0515
Spectrum Type STANDARD
Sweep Width (Hz) 12019.05
Temperature (degree C) 21.597



3605.002.001r.esp

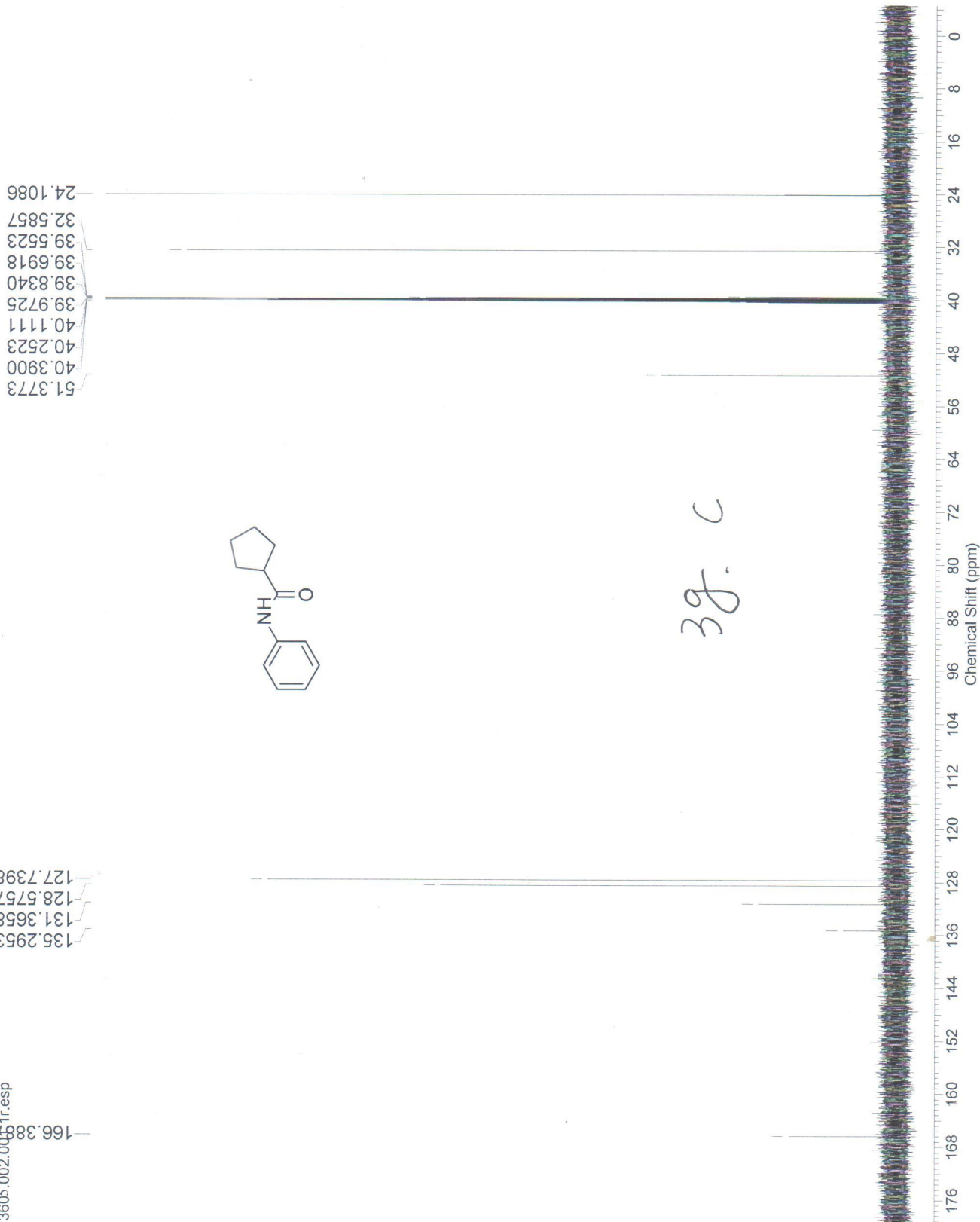
135.2953
131.3658
128.5757
127.7398

166.3800



3g. c

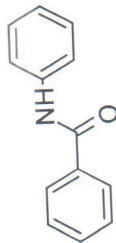
51.3773
40.3900
40.2523
40.1111
39.9725
39.8340
39.6918
39.5523
32.5857
24.1086



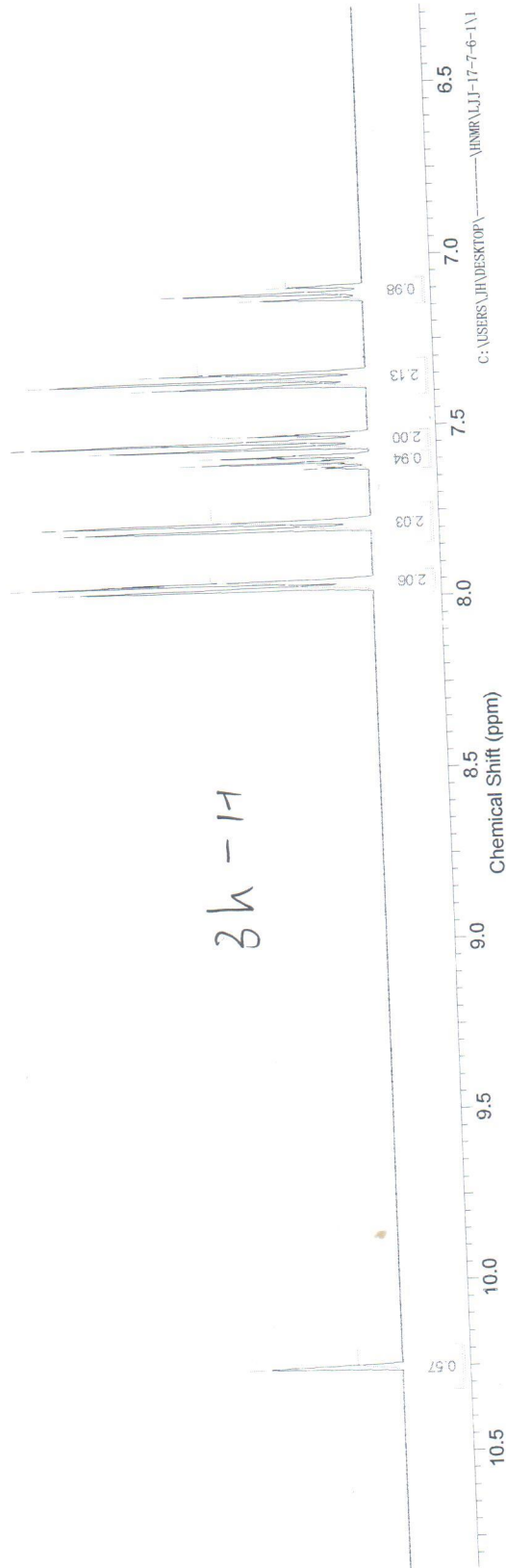
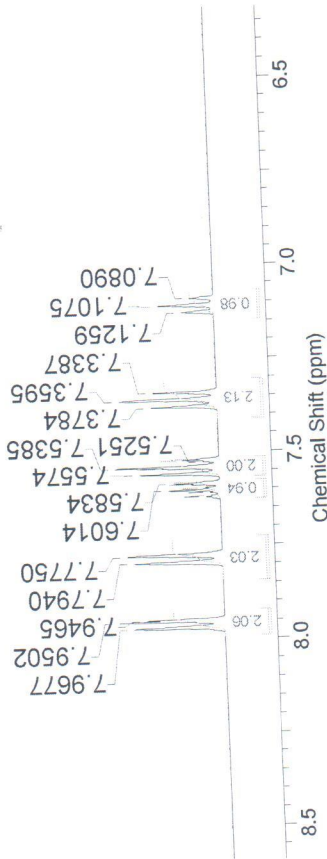
Acquisition Time (sec) 1.8175
13C NMR
Comment 15 Jul 2017
Date 07:55:44
Date Stamp 15 Jul 2017
Frequency (MHz) 150.90
Nucleus 13C
Number of Transients 73
Origin spect
Original Points Count 65536
Owner root
Points Count 262144
Pulse Sequence zgpg30
Receiver Gain 197.01
SW(cyclical) (Hz) 36057.69
Solvent DMSO-d6
Spectrum Offset (Hz) 15089.0967
Spectrum Type STANDARD
Sweep Width (Hz) 36057.55
Temperature (degree C) 23.132

LJJ-17-6-1.001.001.1r.esp

10.248



LJJ-17-6-1.001.001.1r.esp



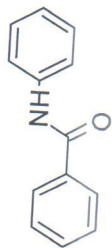
Acquisition Time (sec) 3.9584
 Comment 1H
 Date 07 Jul 2017
 Date Stamp 11:37:36
 Date Stamp 07 Jul 2017
 Date Stamp 11:37:36
 Frequency (MHz) 400.13
 Nucleus 1H
 Number of Transients 8
 Origin spect
 Original Points Count 32768
 Owner Administrator
 Points Count 262144
 Pulse Sequence zg30
 Receiver Gain 512.00
 SW(cyclical) (Hz) 8278.15
 Solvent DMSO-d6
 Spectrum Offset (Hz) 2470.9688
 Spectrum Type STANDARD
 Sweep Width (Hz) 8278.11
 Temperature (degree C) 24.000

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3h-11

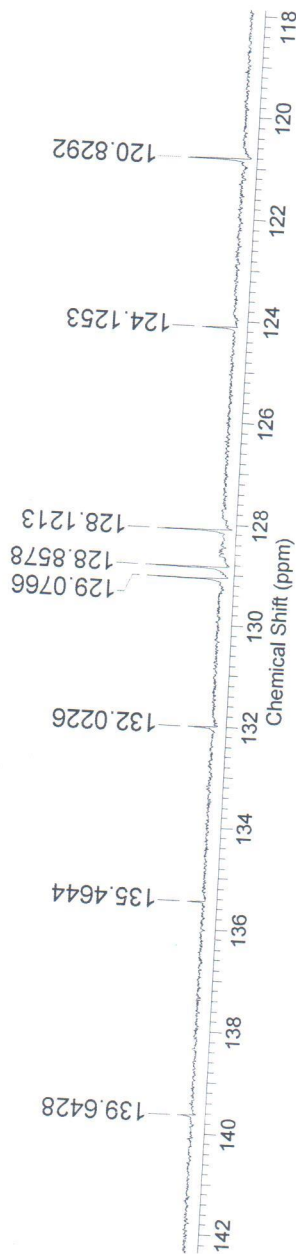
HXJS2017-HY-6Y.002.001.1r.esp

166.025
139.6428
135.4644
132.0226
129.0766
128.8578
128.1213
124.1253
120.8292

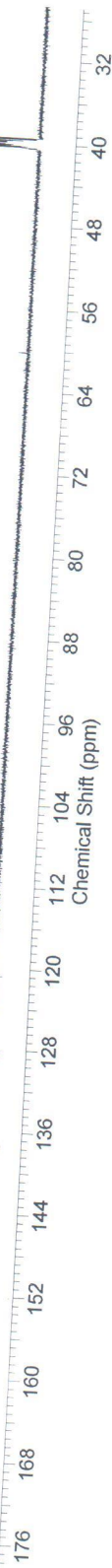


Acquisition Time (sec) 0.9088
Comment 13C NMR
Date 07 Jul 2017
14:17:36
Date Stamp 07 Jul 2017
14:17:36
Frequency (MHz) 150.90
Nucleus 13C
Number of Transients 213
Origin spect
Original Points Count 32768
Owner root
Points Count 32768
Pulse Sequence zgpg30
Receiver Gain 197.01
SW(cyclical) (Hz) 36057.69
Solvent DMSO-d6
Spectrum Offset (Hz) 15089.0967
Spectrum Type STANDARD
Sweep Width (Hz) 36056.59
Temperature (degree C) 23.427

HXJS2017-HY-6Y.002.001.1r.esp

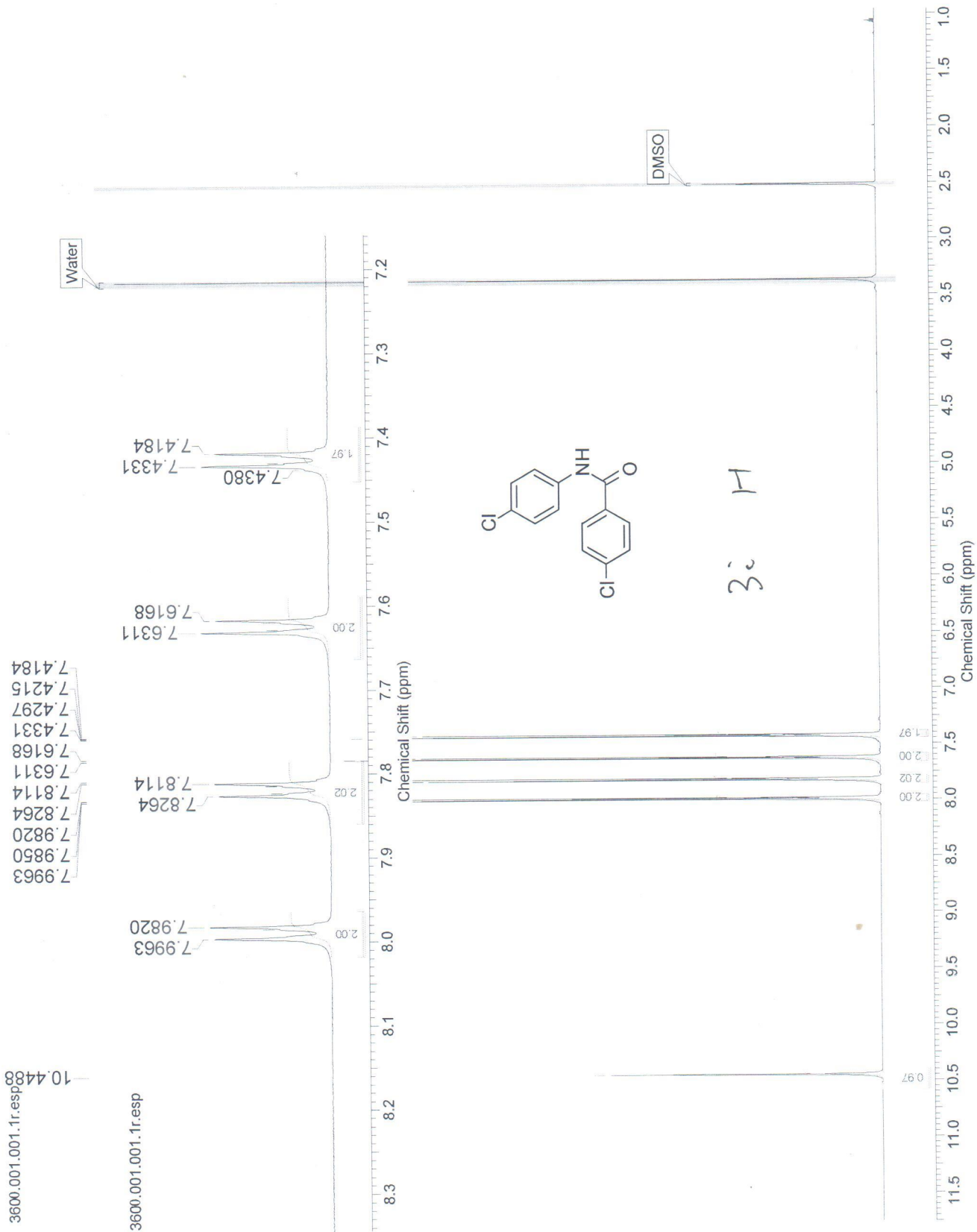


3h-c



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Acquisition Time (sec) 2.7263
 Comment 1H NMR
 Date 15 Jul 2017
 Date Stamp 08.02.08
 Frequency (MHz) 600.13
 Nucleus 1H
 Number of Transients 4
 Origin spect
 Original Points Count 32768
 Owner root
 Points Count 65536
 Pulse Sequence zg30
 Receiver Gain 78.68
 SW(cyclical) (Hz) 12019.23
 Solvent DMSO-d6
 Spectrum Offset (Hz) 3706.0515
 Spectrum Type STANDARD
 Sweep Width (Hz) 12019.05
 Temperature (degree C) 21.737

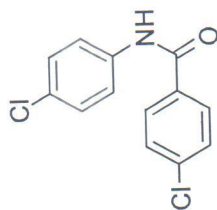


Acquisition Time (sec) 1.8175
 13C NMR
 Comment 15 Jul 2017
 Date 08:04:16
 15 Jul 2017
 Date Stamp 08:04:16
 Frequency (MHz) 150.90
 Nucleus 13C
 Number of Transients 77
 Origin spect
 Original Points Count 65536
 Owner root
 Points Count 262144
 Pulse Sequence zgpg30
 Receiver Gain 197.01
 SW(cyclical) (Hz) 36057.69
 Solvent DMSO-d6
 Spectrum Offset (Hz) 15089.0967
 Spectrum Type STANDARD
 Sweep Width (Hz) 36057.55
 Temperature (degree C) 22.585

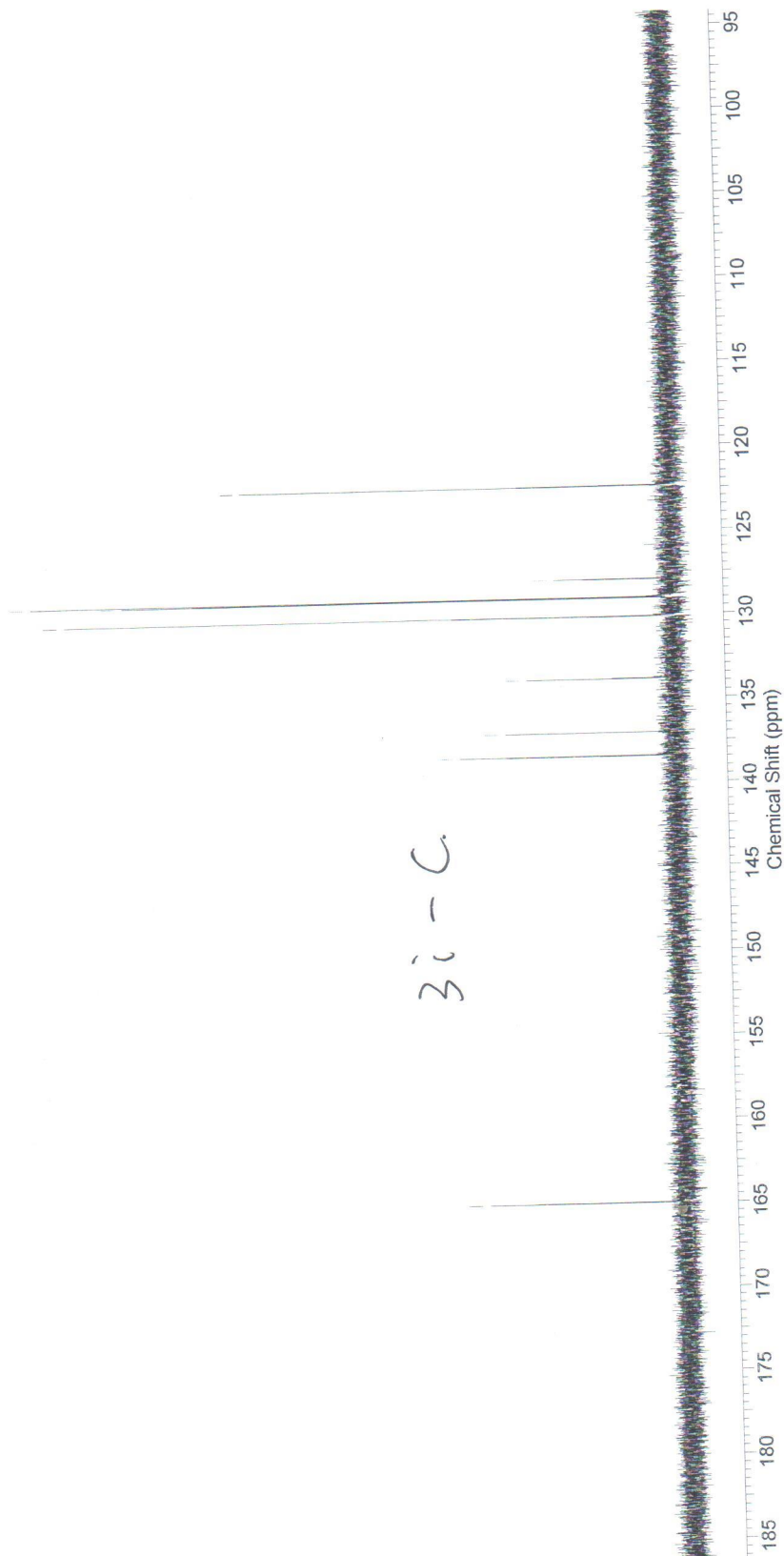
138.4282
 137.0354
 133.8387
 130.1243
 129.0296
 128.9758
 127.9139
 122.3692

164.9895

3601.002.001.1r.esp

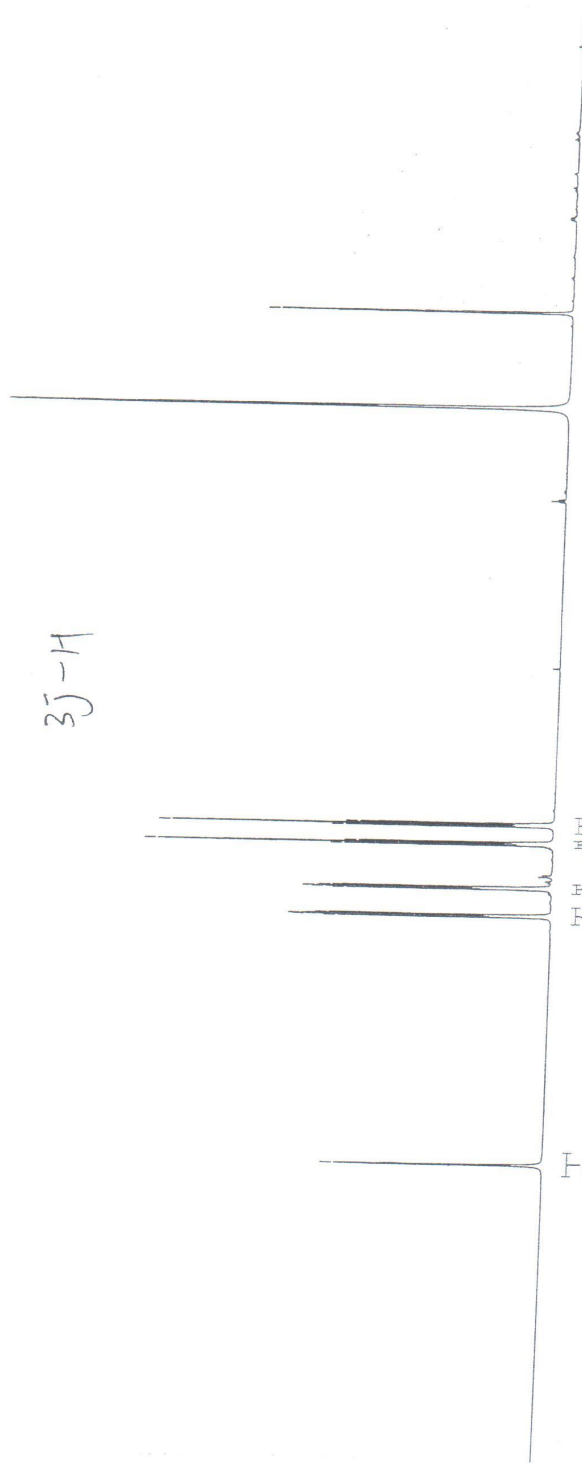


3i-C

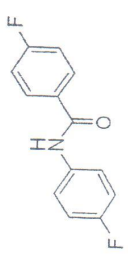




1.00
1.98
2.01
1.98



3J-H



2.50
2.50
2.50

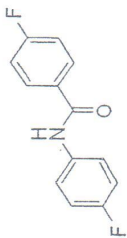
8.04
8.03
8.03
8.02
7.78
7.77
7.77
7.76
7.38
7.37
7.35
7.21
7.19
7.18

10.31

39.94
39.80
39.66
39.53
39.38
39.24
39.10

135.41
131.21
130.38
130.32
122.26
122.20
115.41
115.26
115.11

164.90
164.34
163.25
159.12
157.53

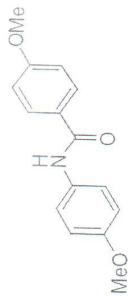


3j-c

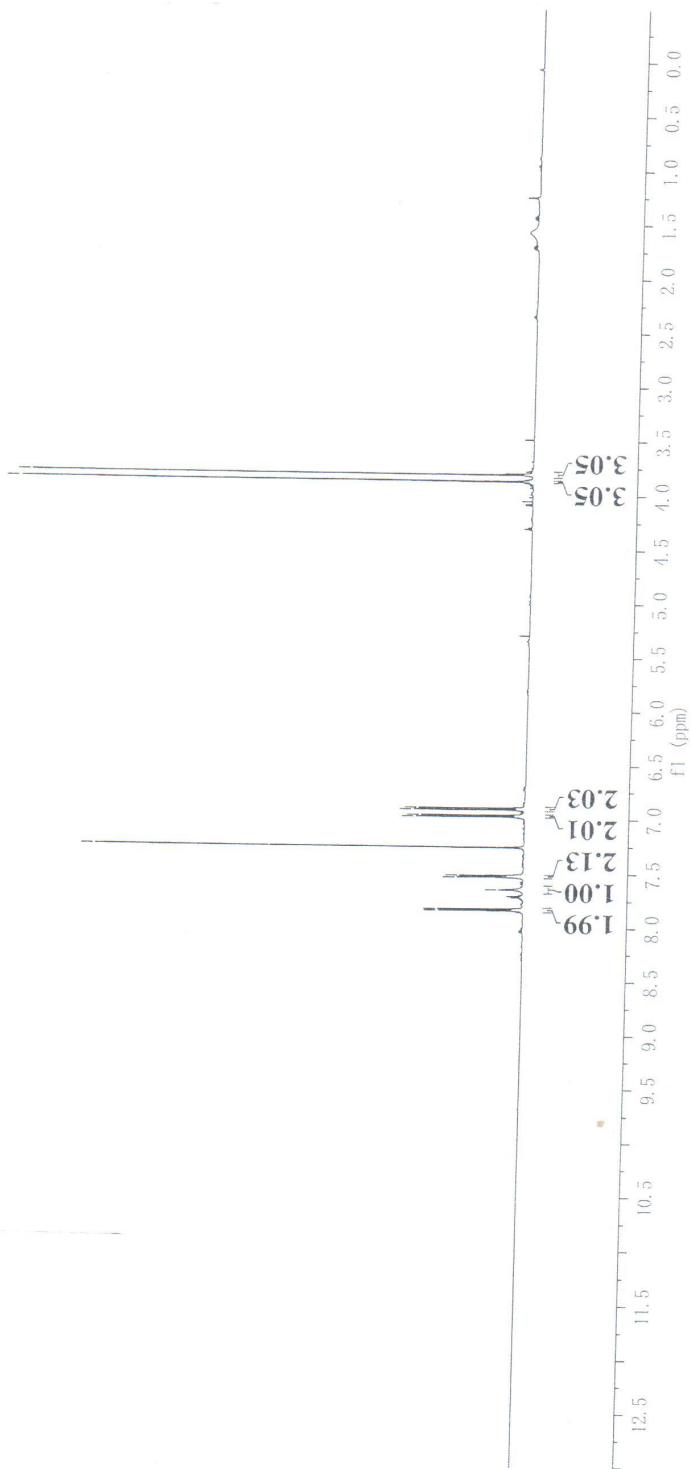


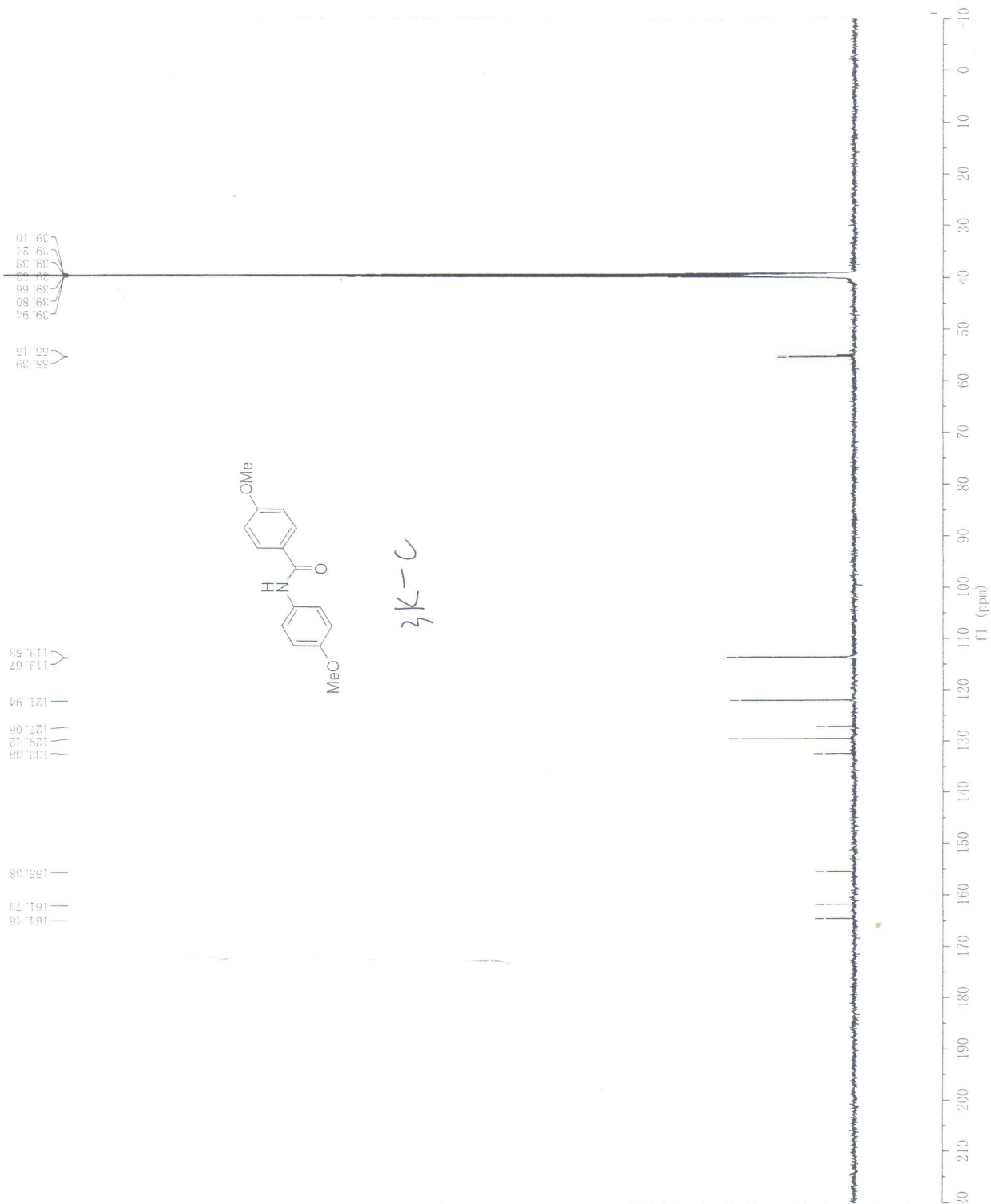
7.84
7.83
7.65
7.53
7.52
7.26
6.98
6.96
6.91
6.90

3.87
3.81



3K-H



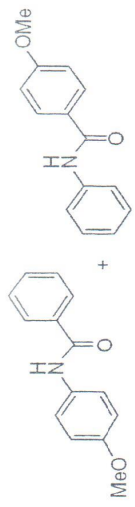


2.50
2.50
2.50

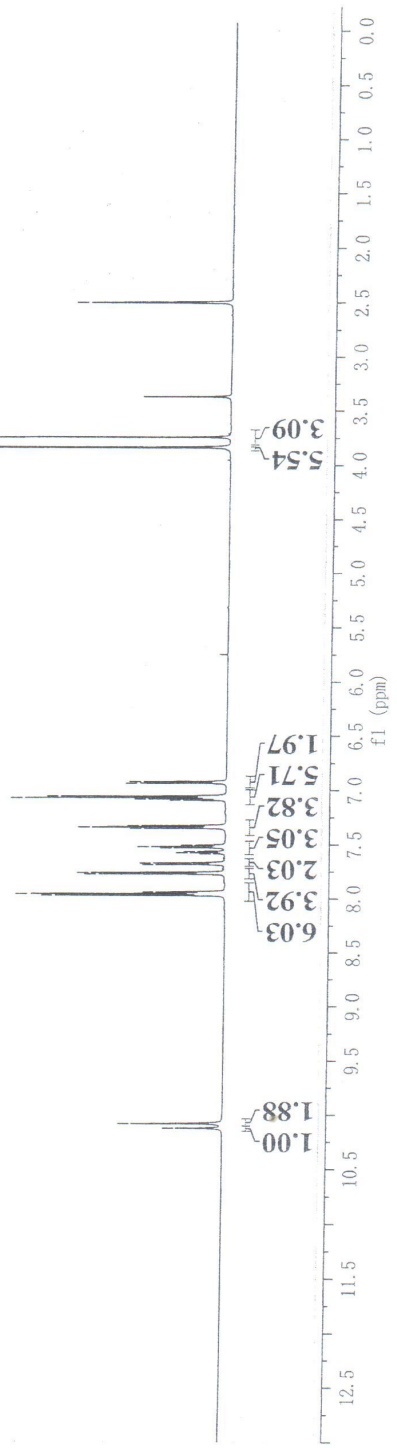
3.84
3.74

7.97
7.96
7.95
7.95
7.94
7.77
7.76
7.68
7.67
7.59
7.57
7.56
7.53
7.52
7.50
7.35
7.34
7.09
7.08
7.07
7.05
6.93
6.92

10.12
10.08

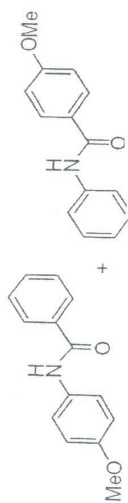


3C
(1.86 = 1)
3C'
1H

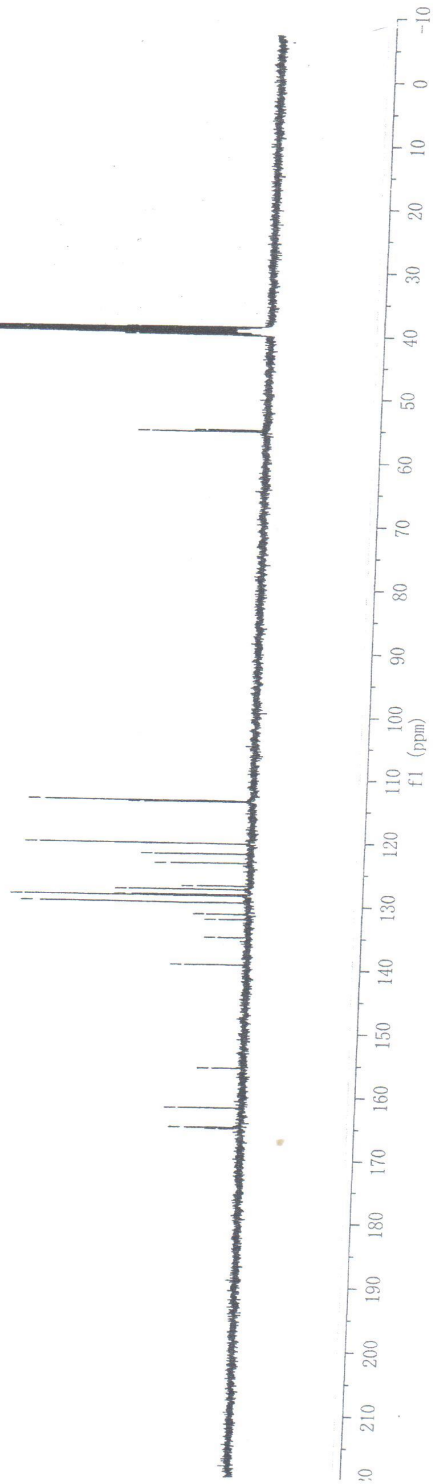


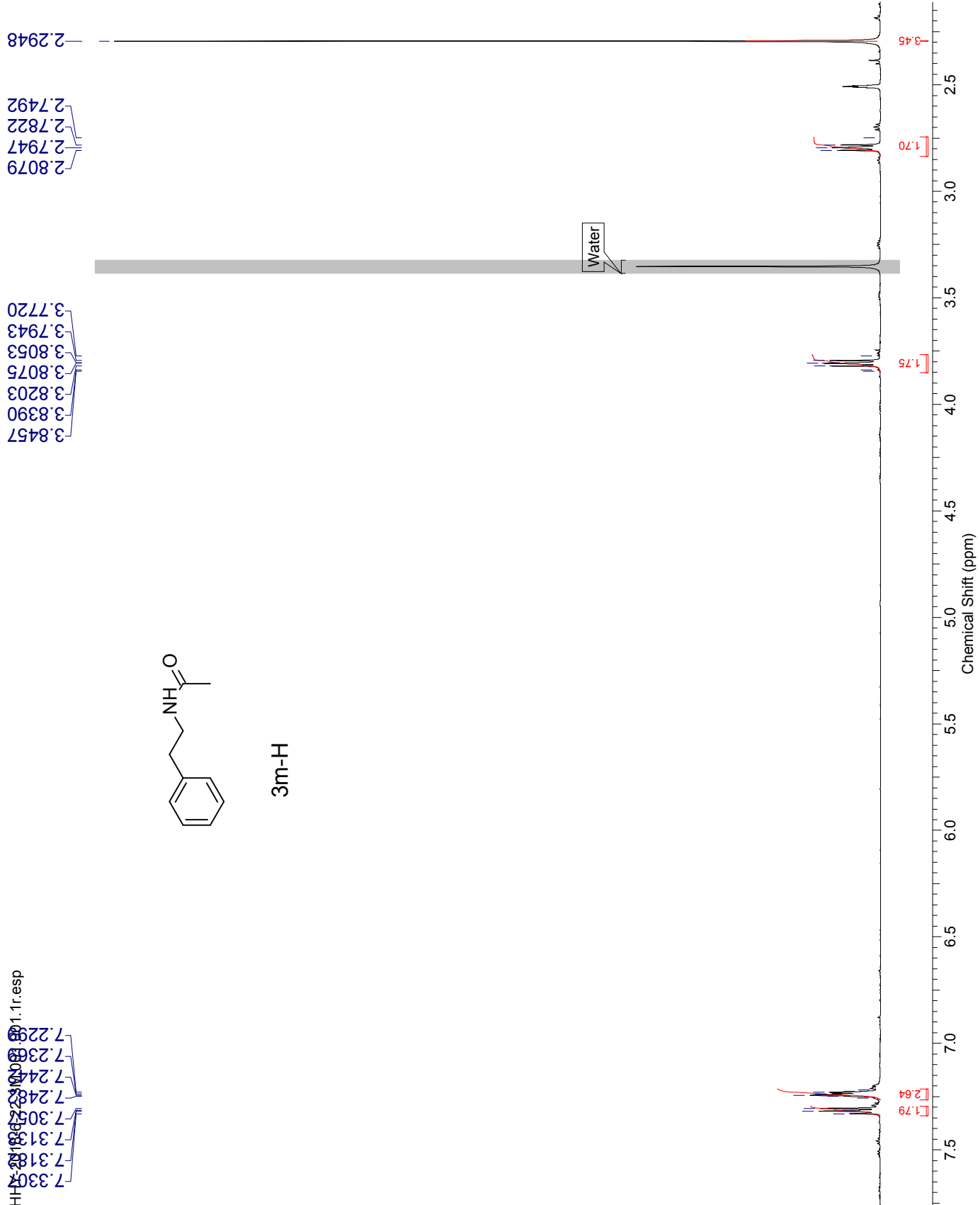
155.14
161.91
164.94
155.58
139.36
135.07
132.24
131.40
129.61
128.59
128.37
127.66
127.00
123.45
122.02
120.37
113.76
113.62

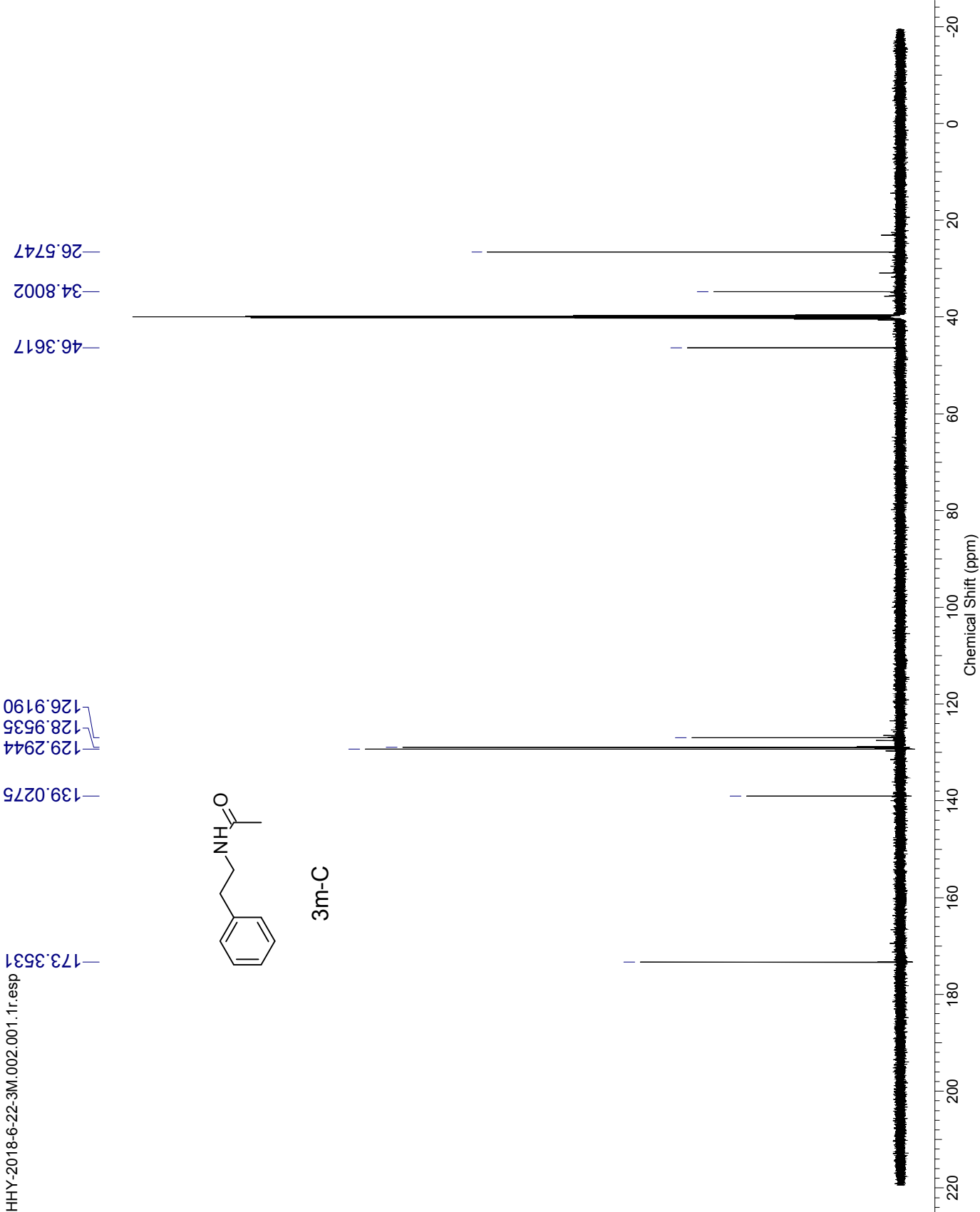
55.45
55.20
40.15
39.94
39.73
39.52
39.31
39.10
38.89

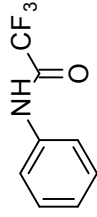


3C 3C' C
C1.86 = 11

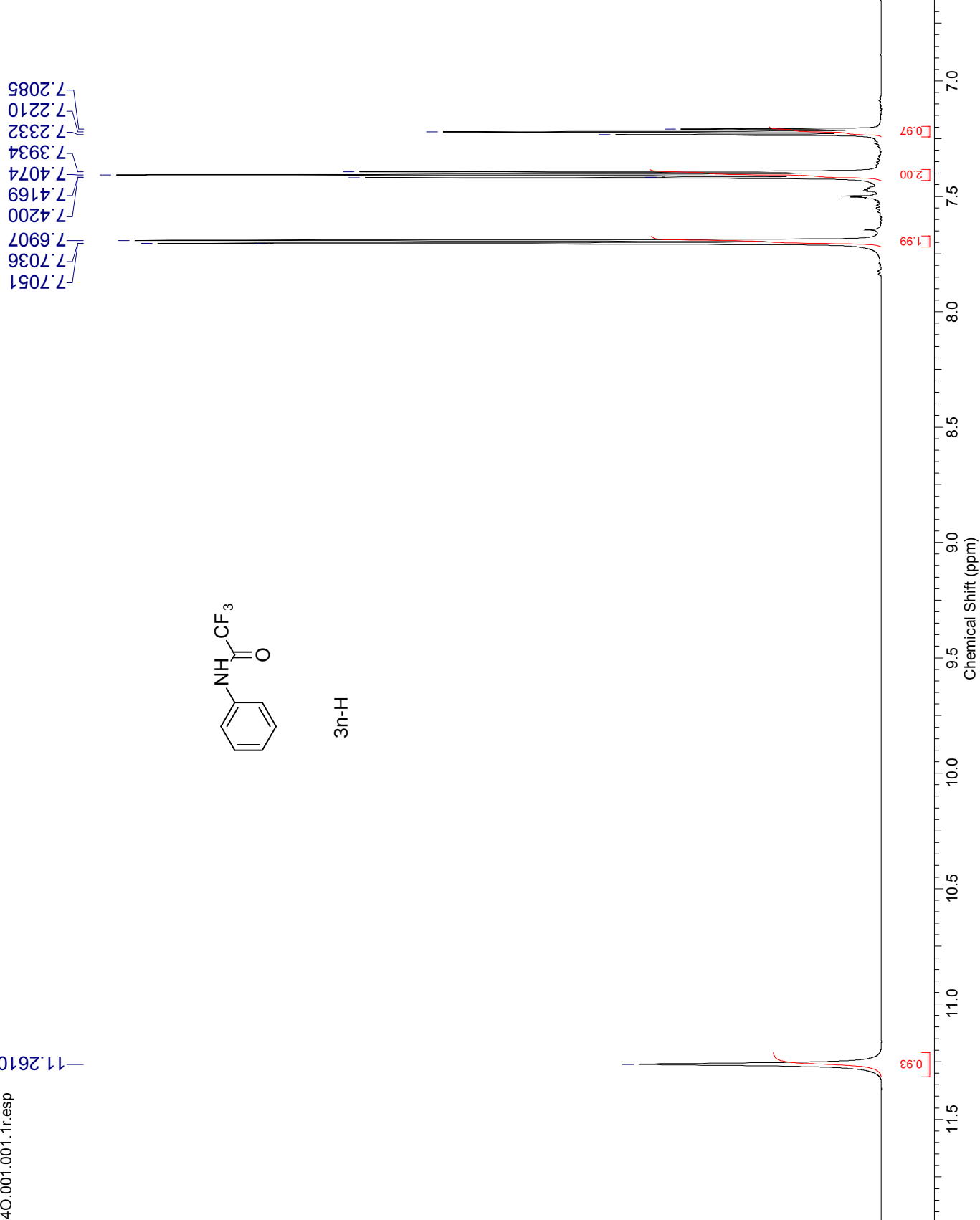


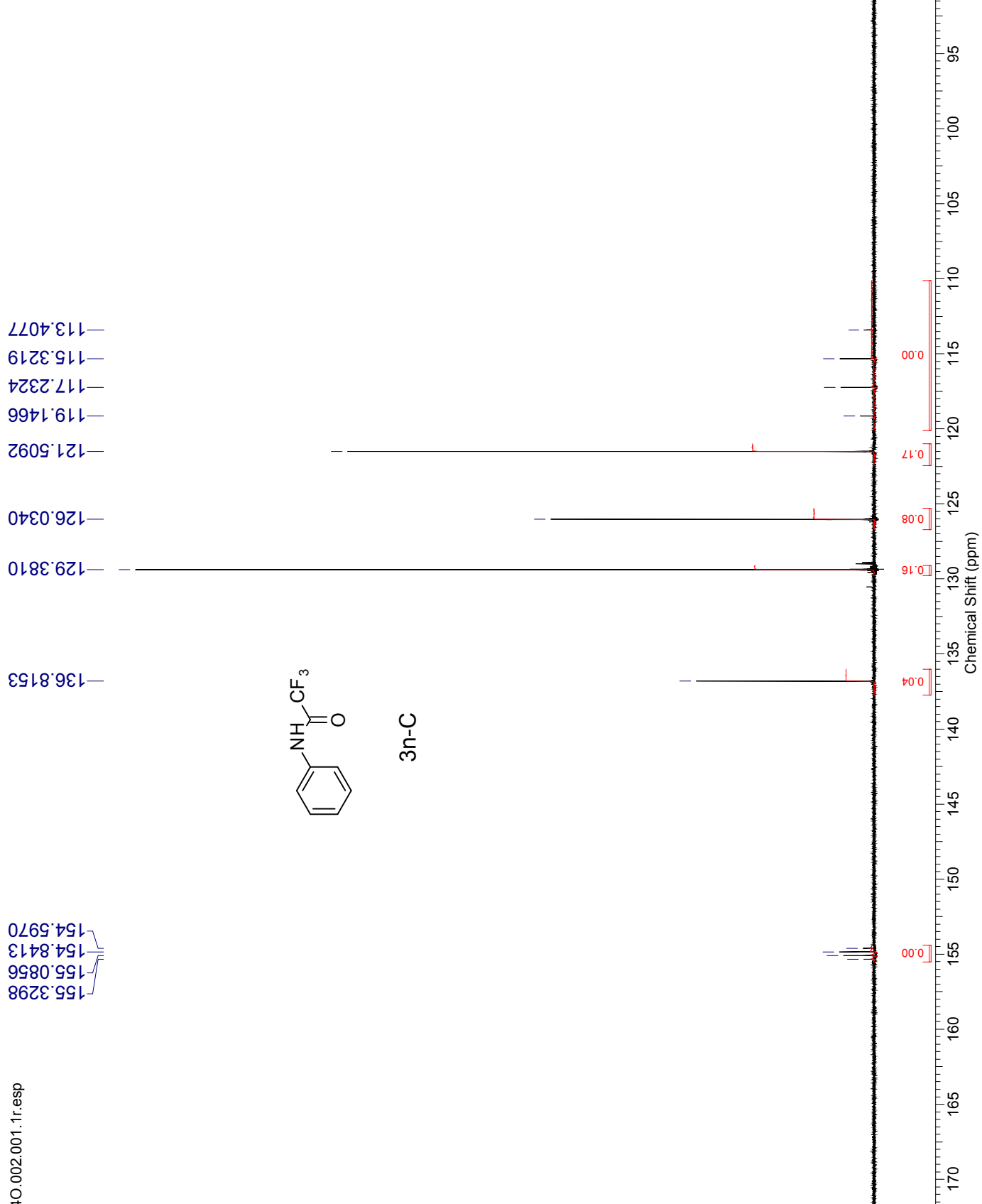




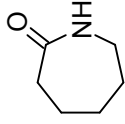


3n-H





3.0591
3.0493
3.0423
3.0325
2.2957
2.2853
2.2767
1.6784
1.6689
1.6588
1.6497
1.5323
1.5237
1.5124
1.5036
1.4947



30-H

7.418

