

Supporting information

Exploring novel aryl/heteroaryl-isosteres of phenylthiazole against Multidrug Resistant Bacteria

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Newgiza University, Giza, Egypt.

^h Center for One Health Research, Virginia Polytechnic Institute and State
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Blacksburg, Virginia 24061, United States of America.

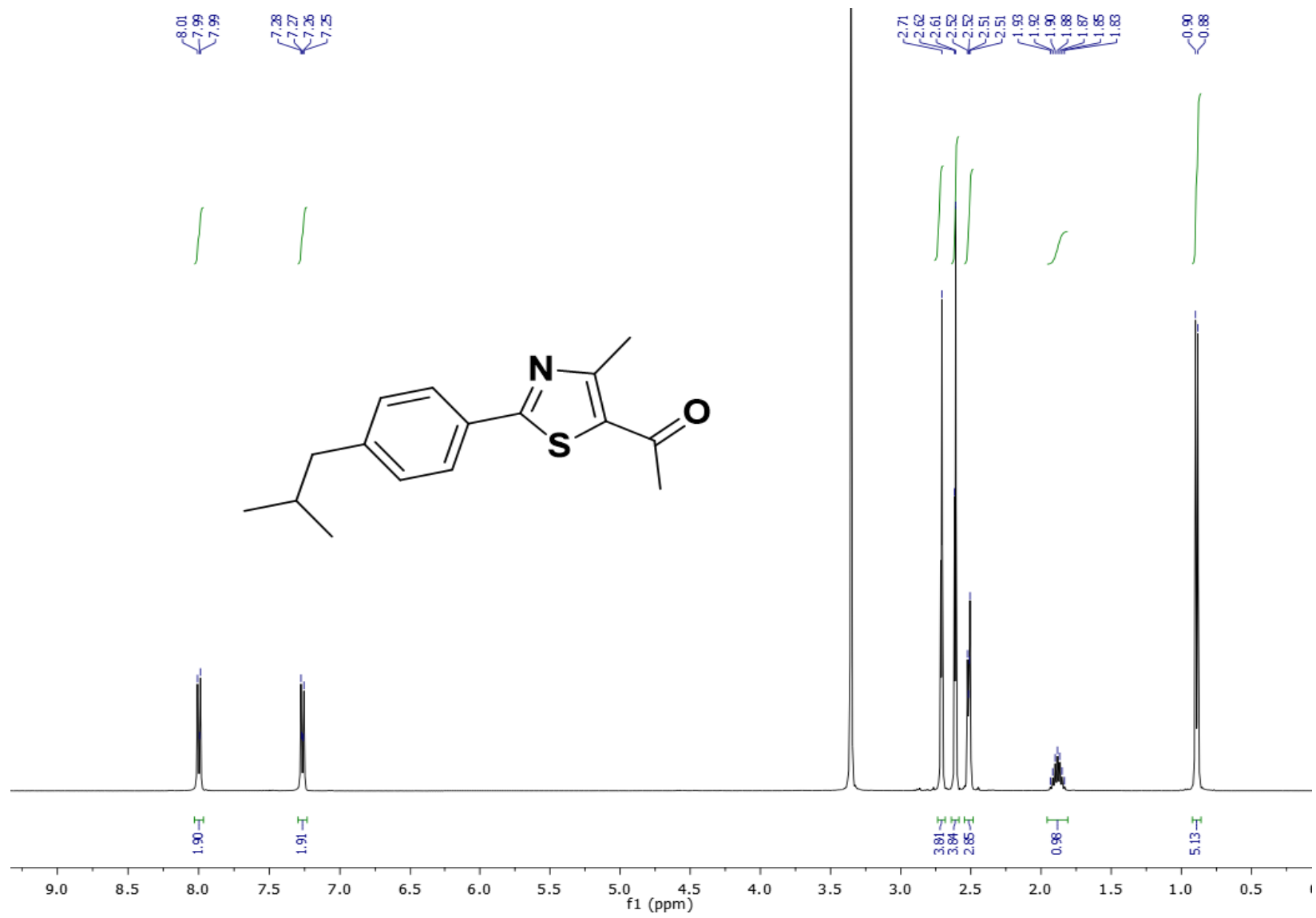
ⁱ Nanoscience Program, University of Science and Technology, Zewail City of
Science
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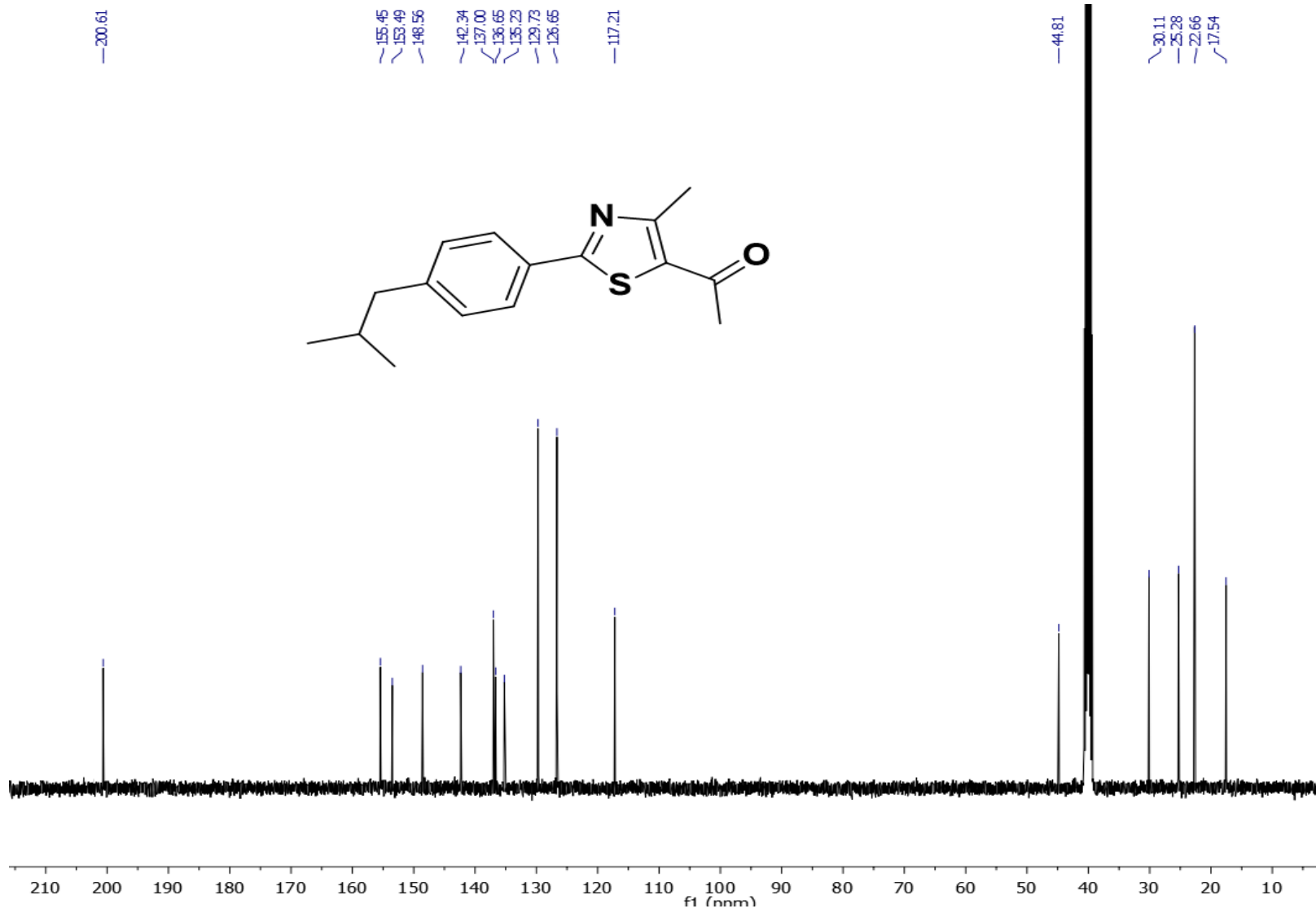
Corresponding Author.

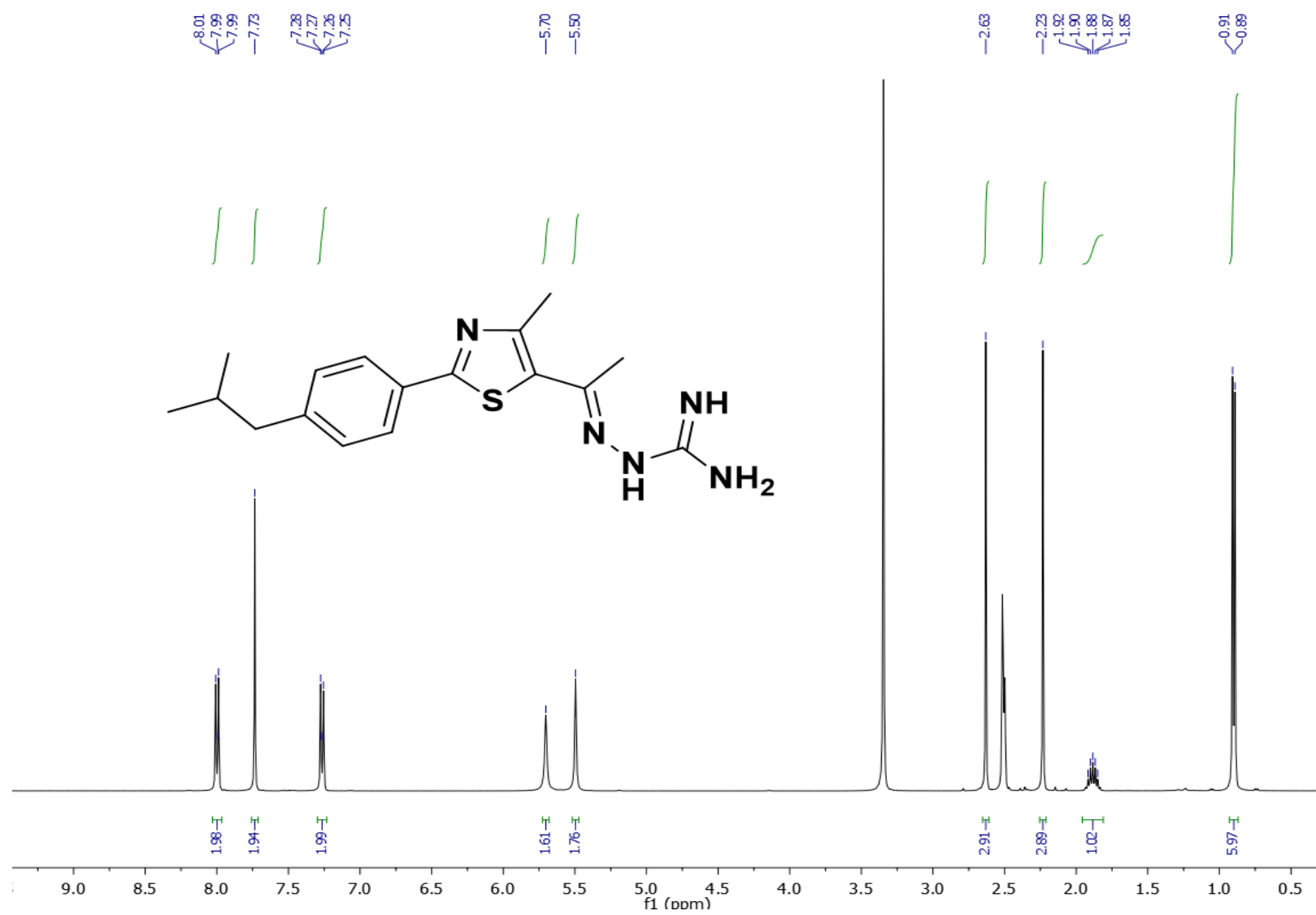
* E-mail, m.hagrs@azhar.edu.eg

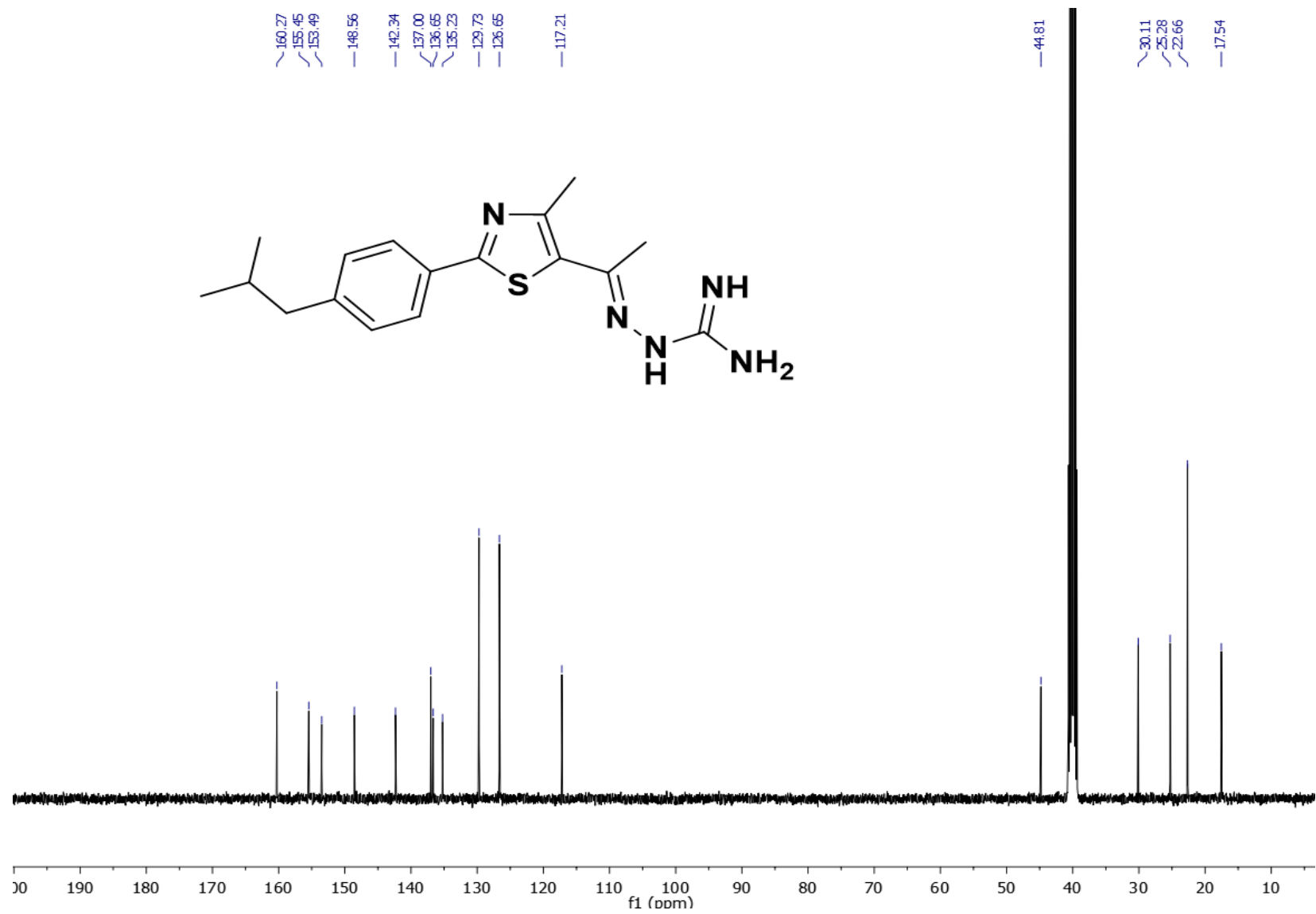
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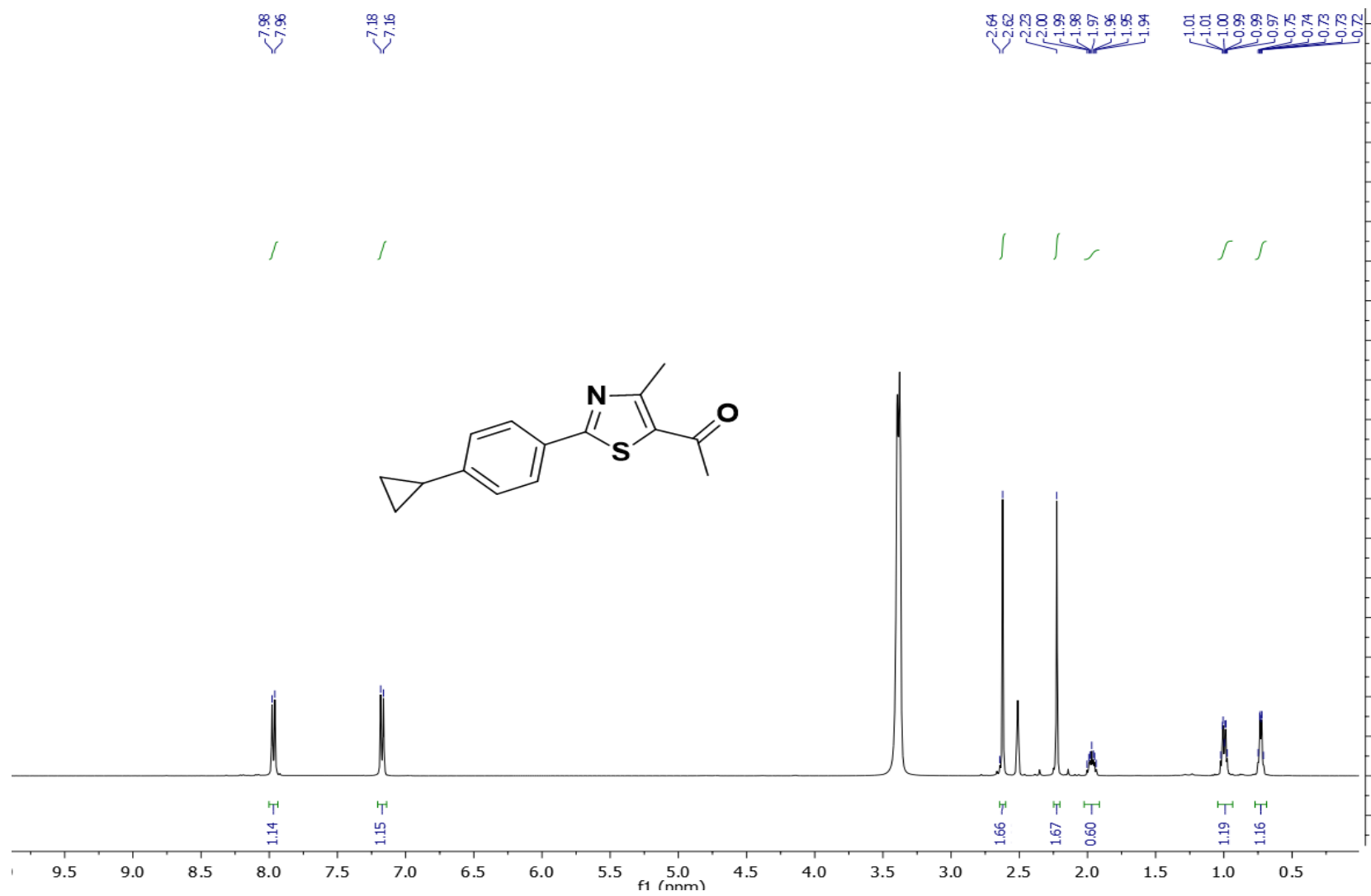
^1H and ^{13}C spectra of the synthesized compounds	S3-S91
HPLC chromatogram of compound 15d	S92

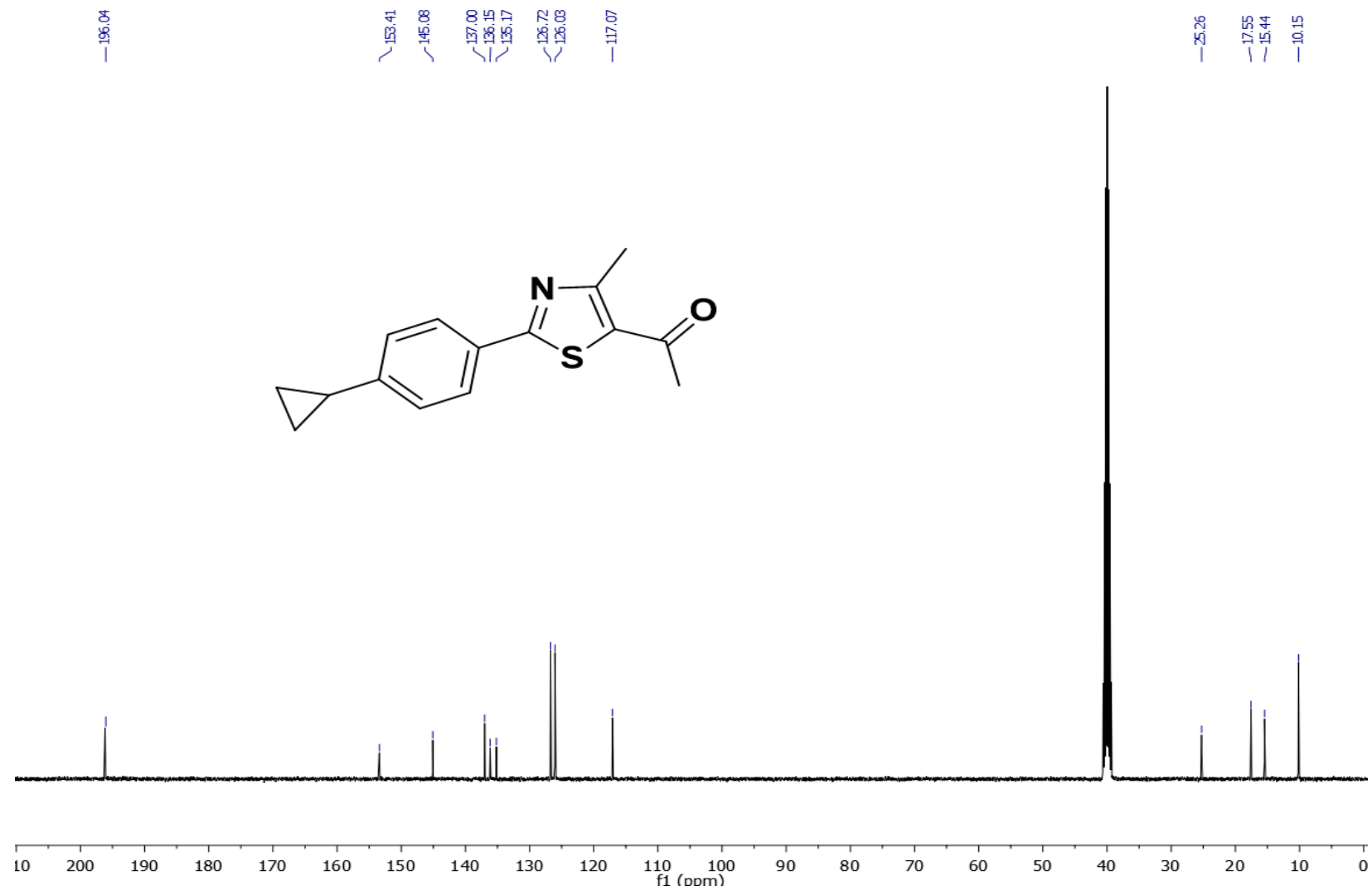


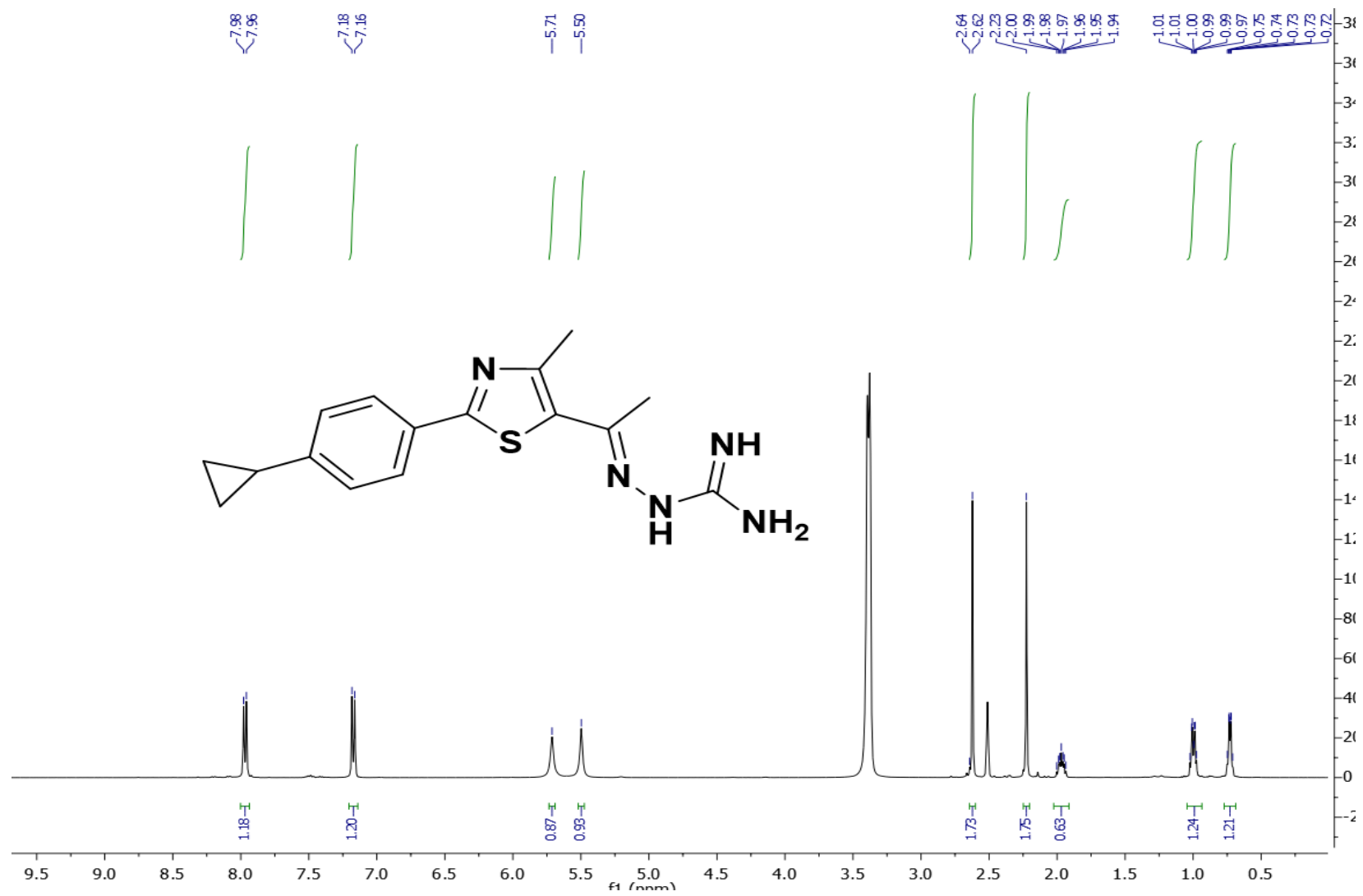


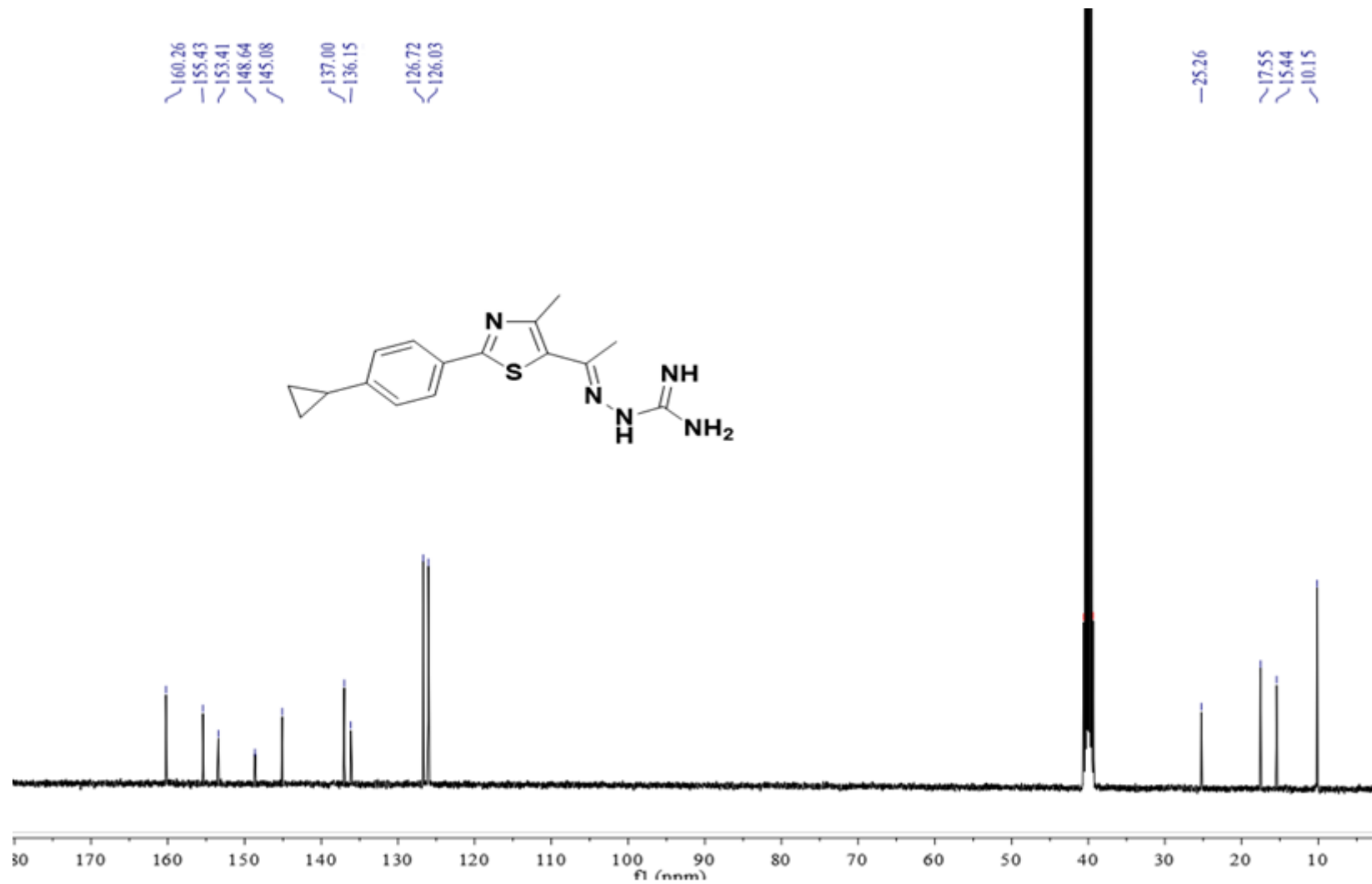


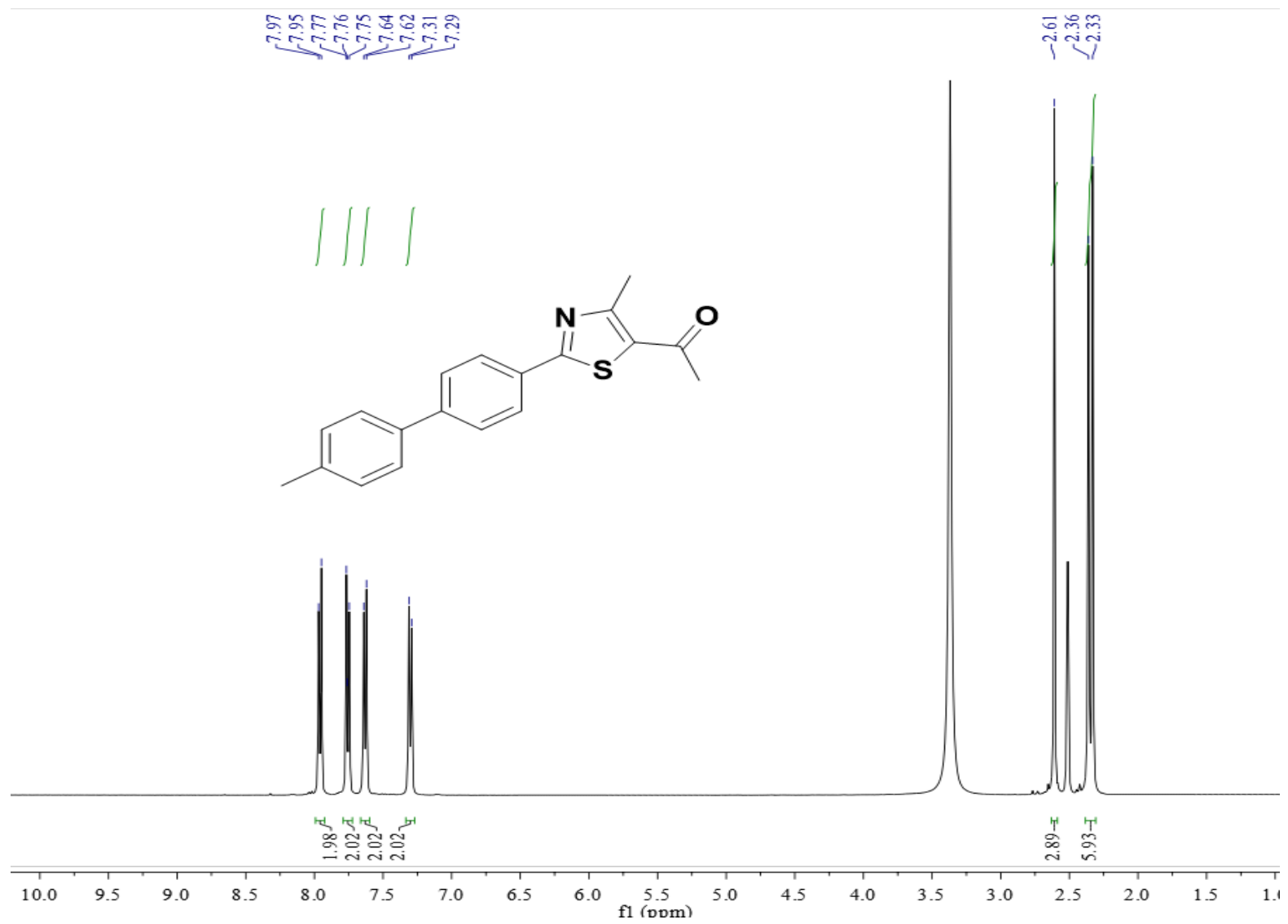


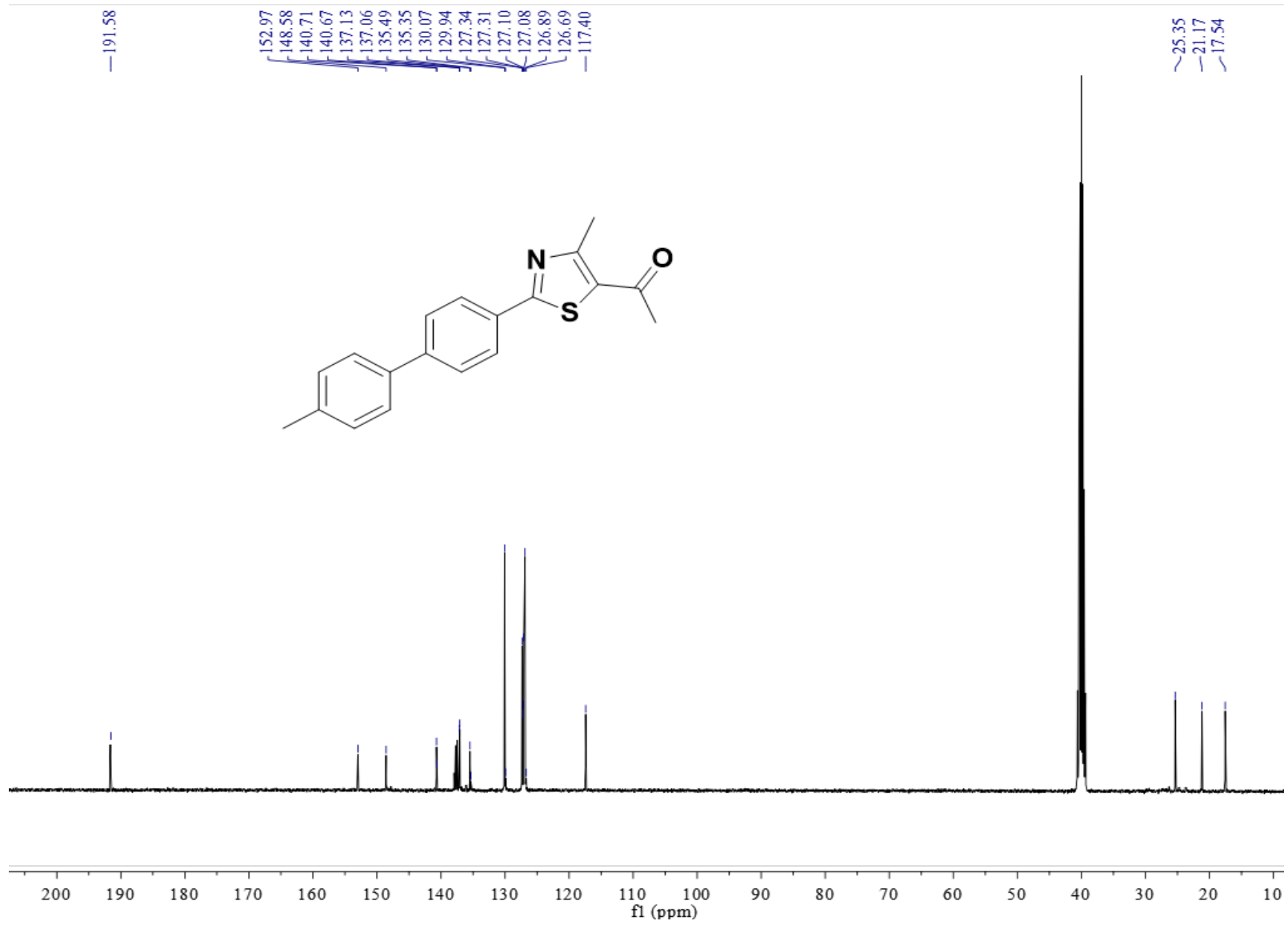


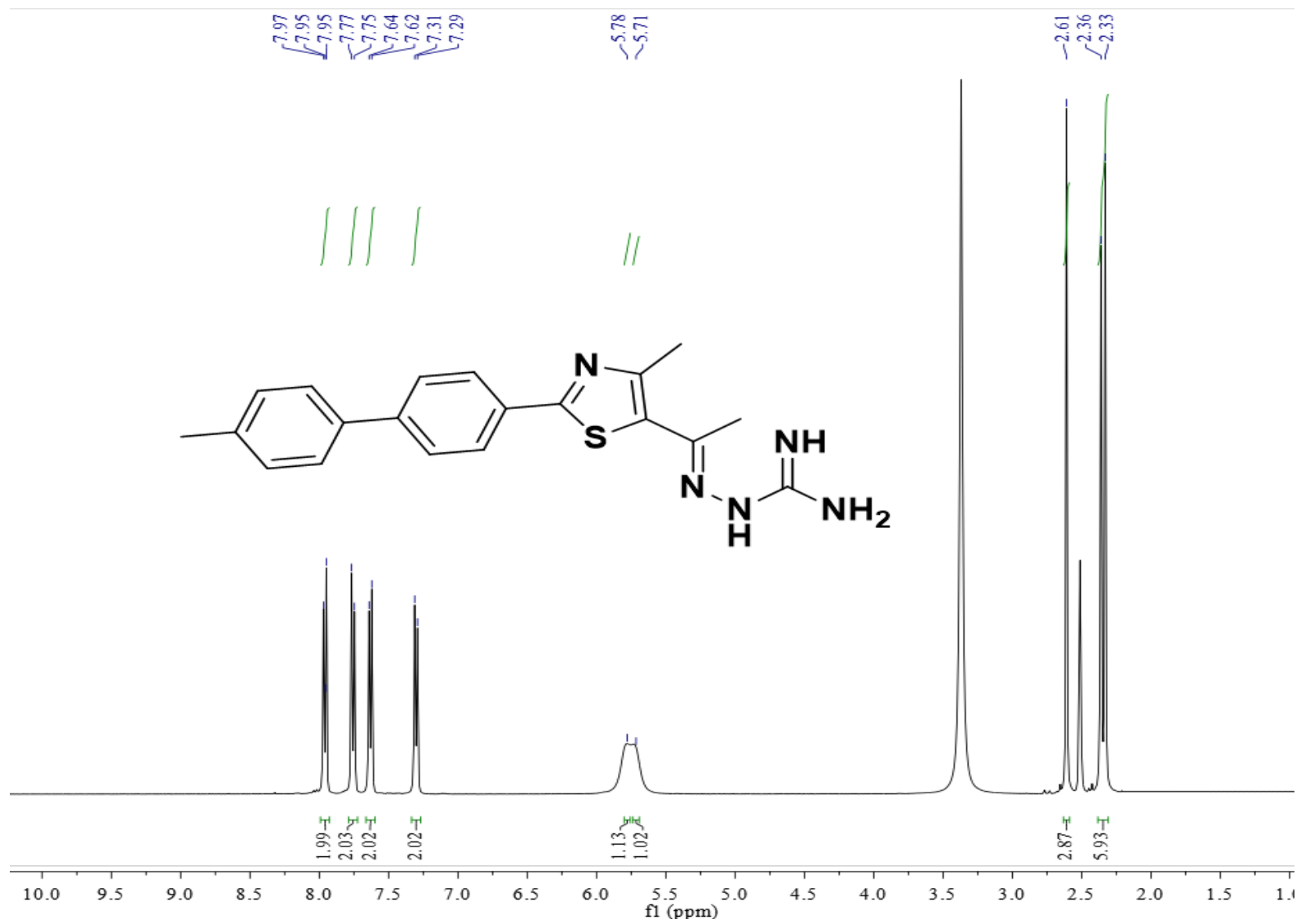


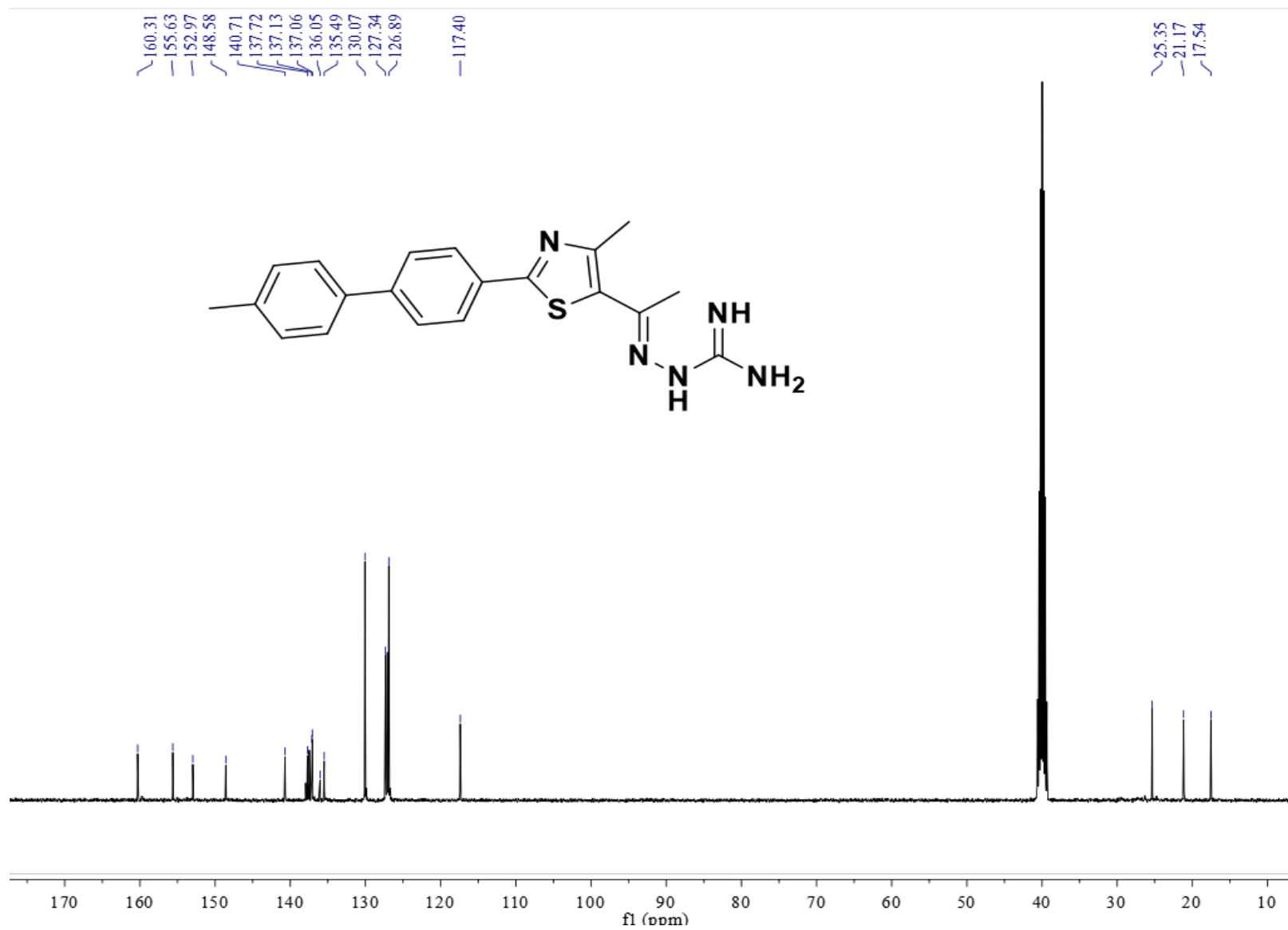


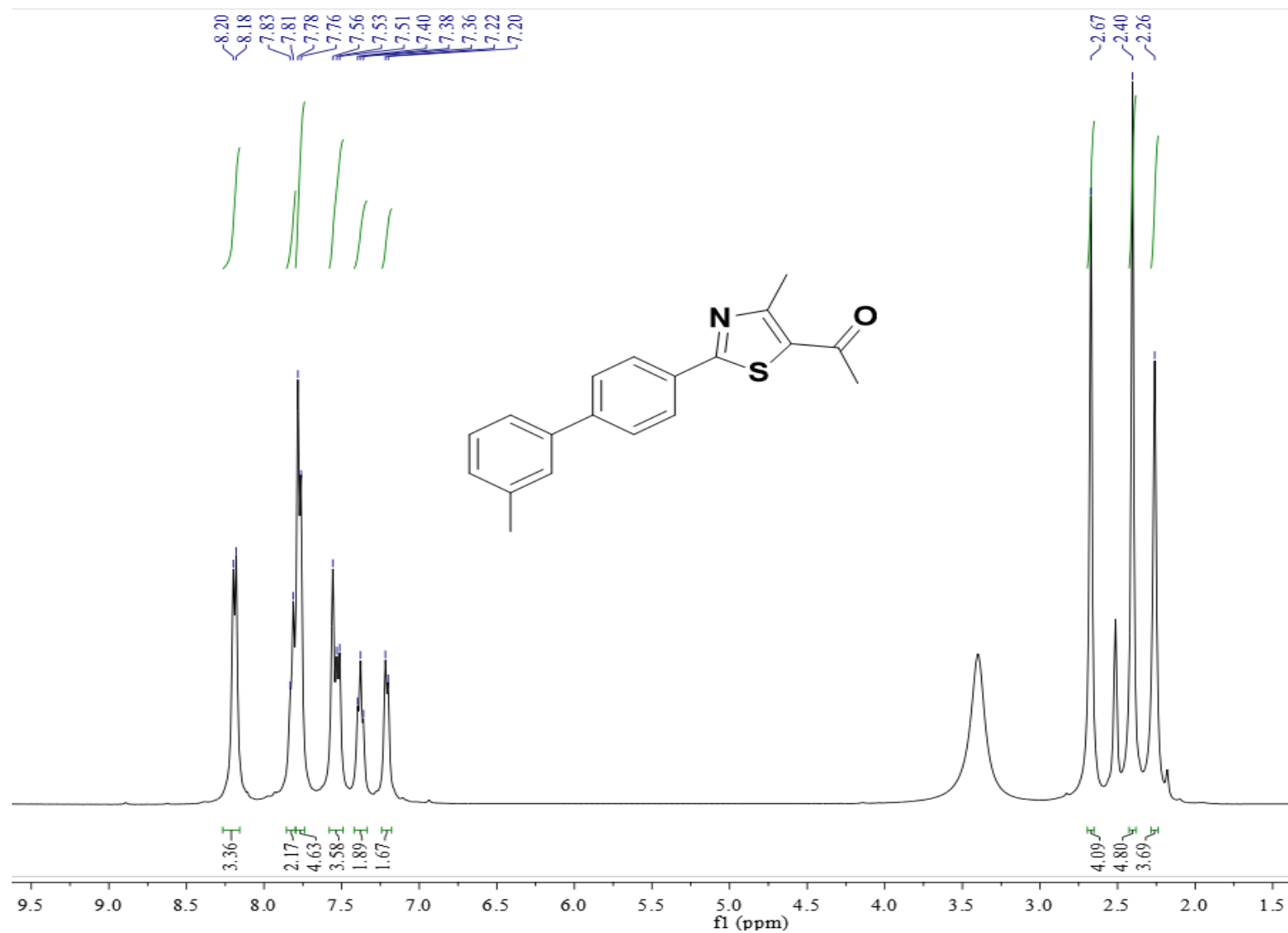


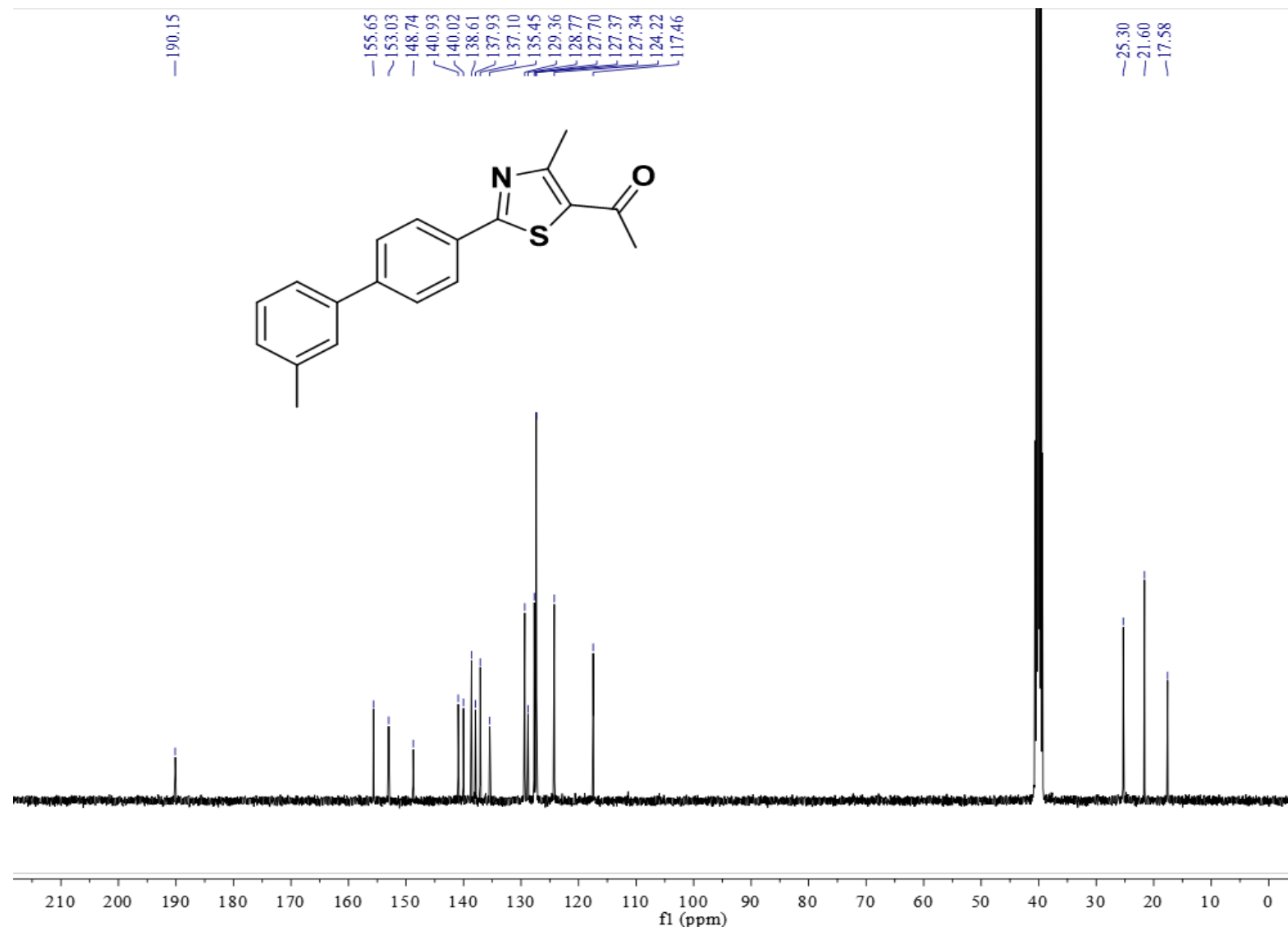


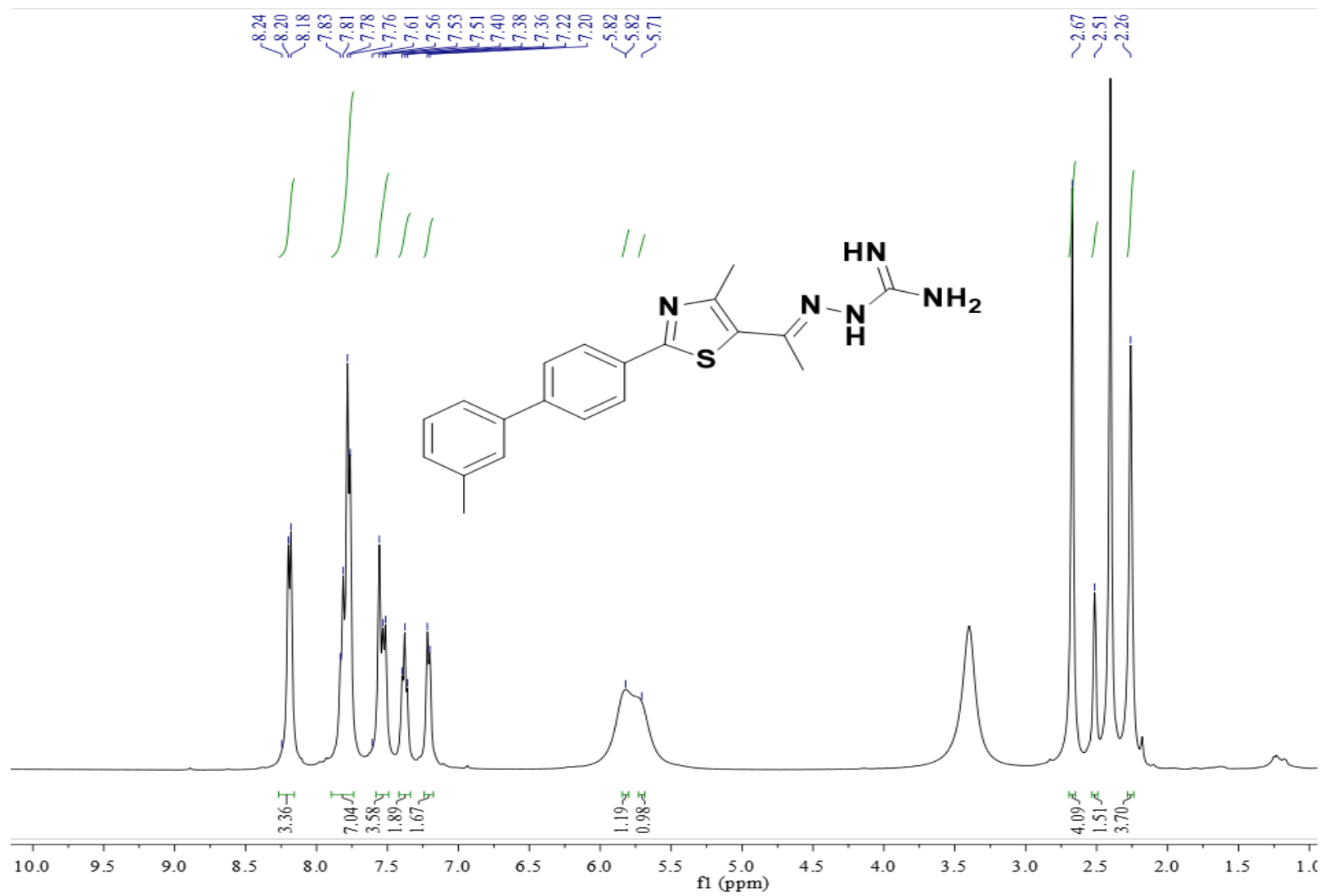


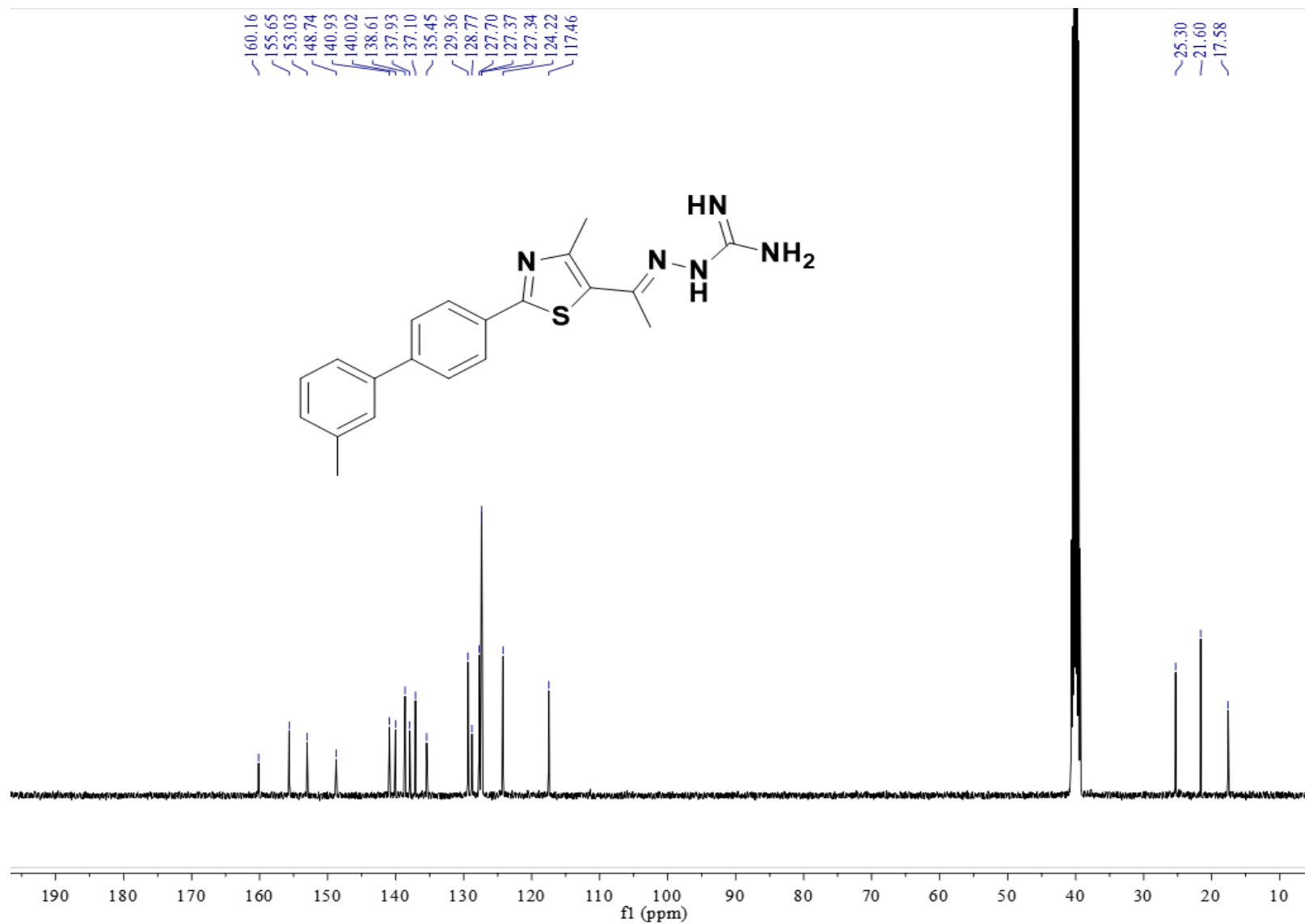


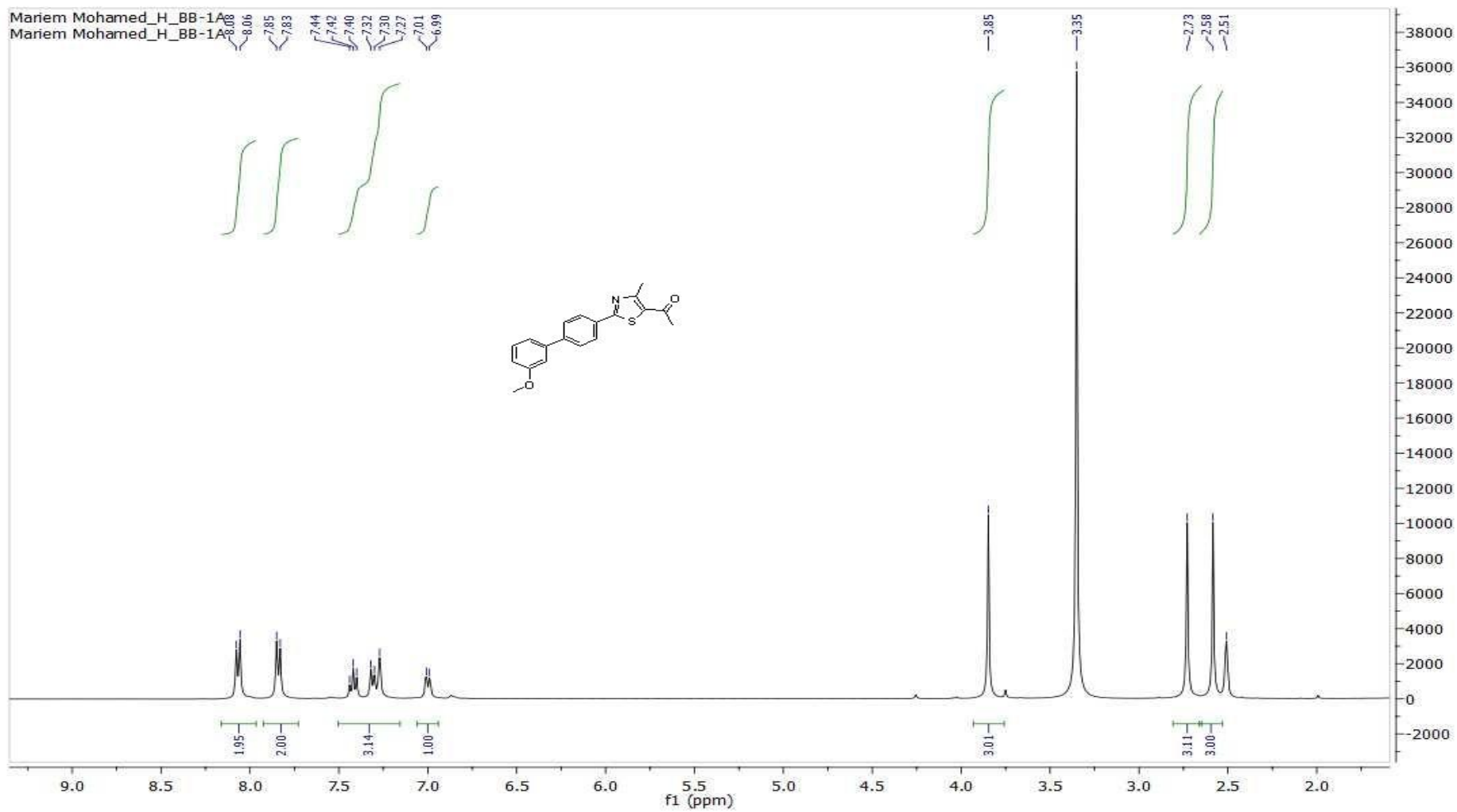


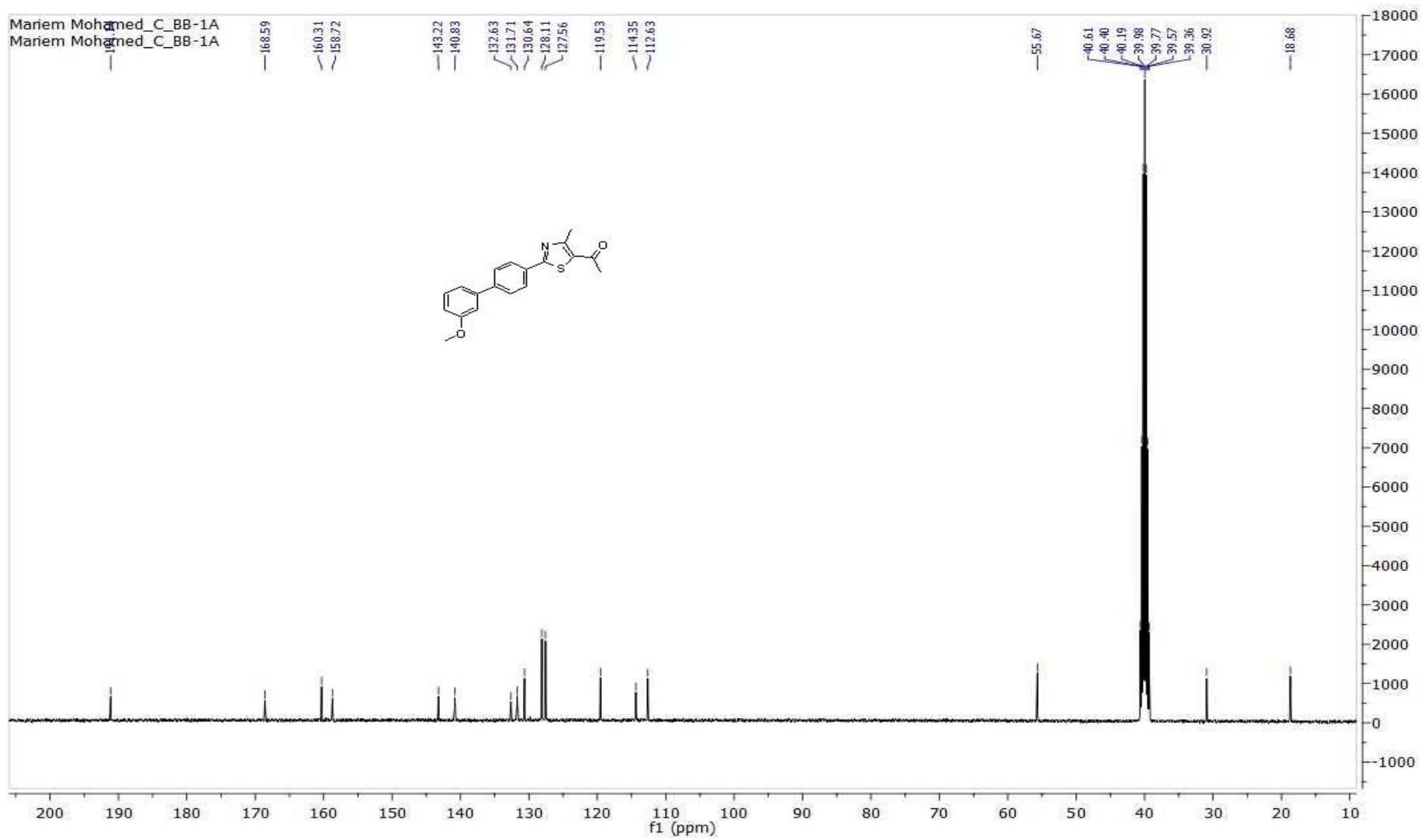


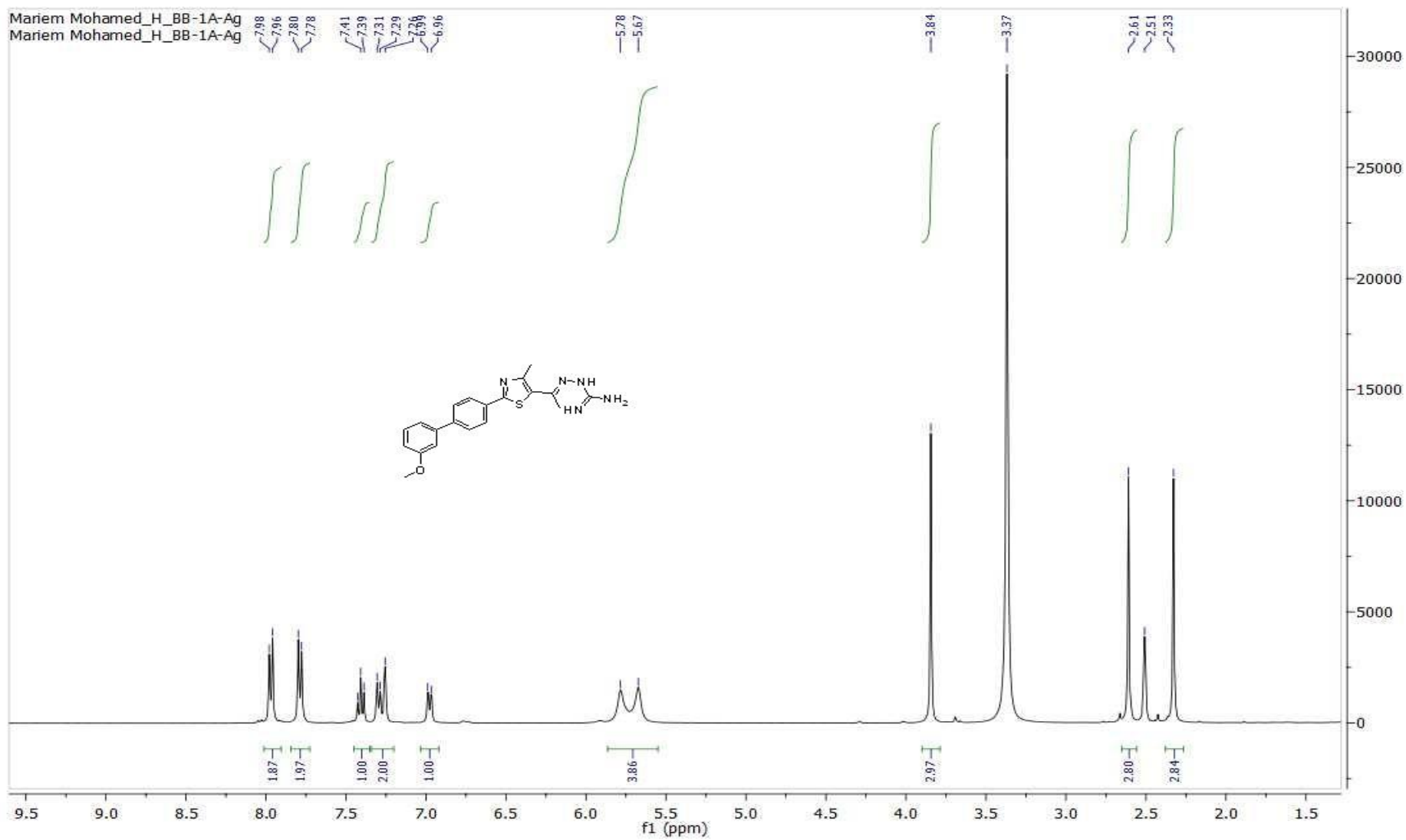


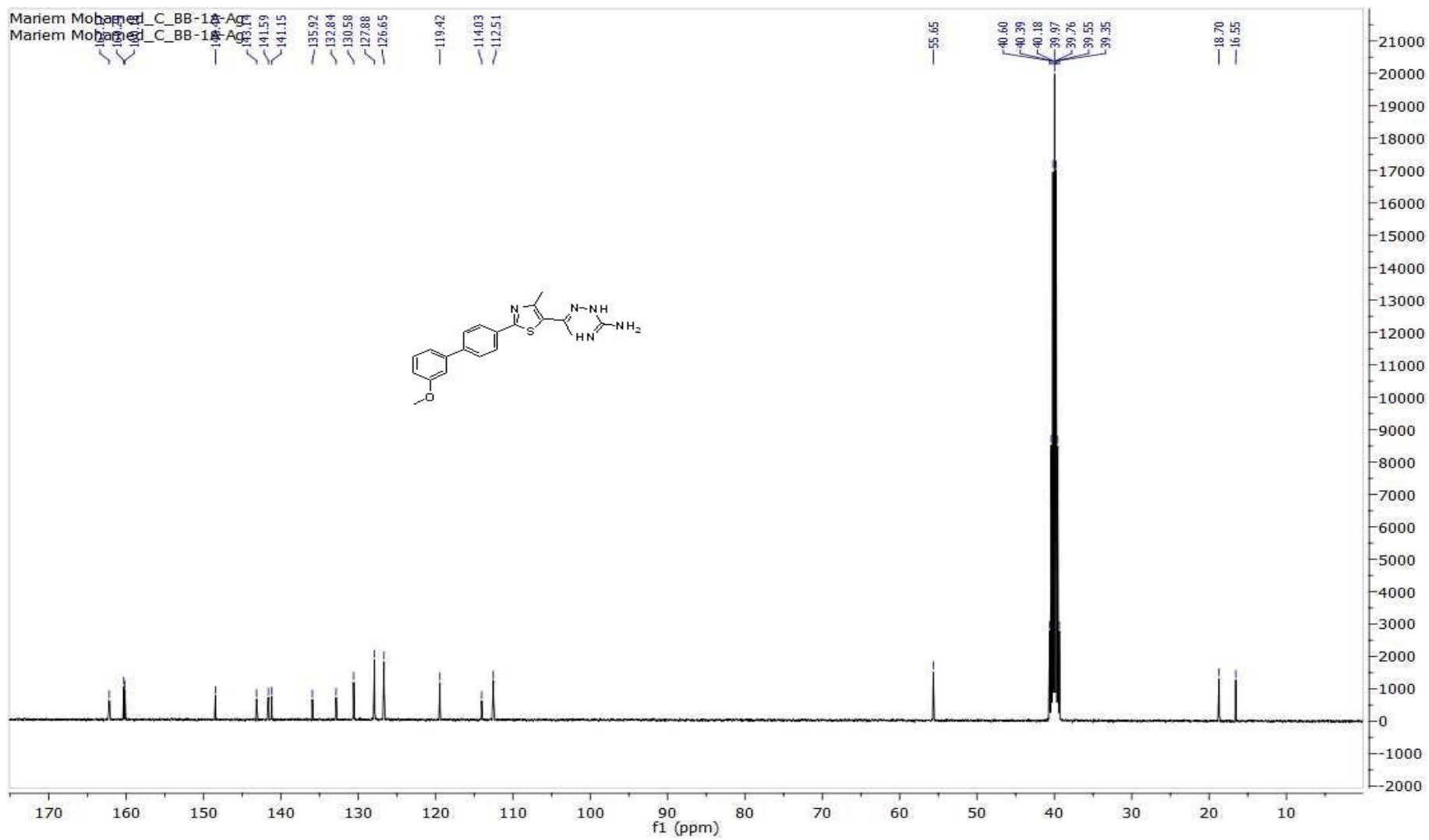


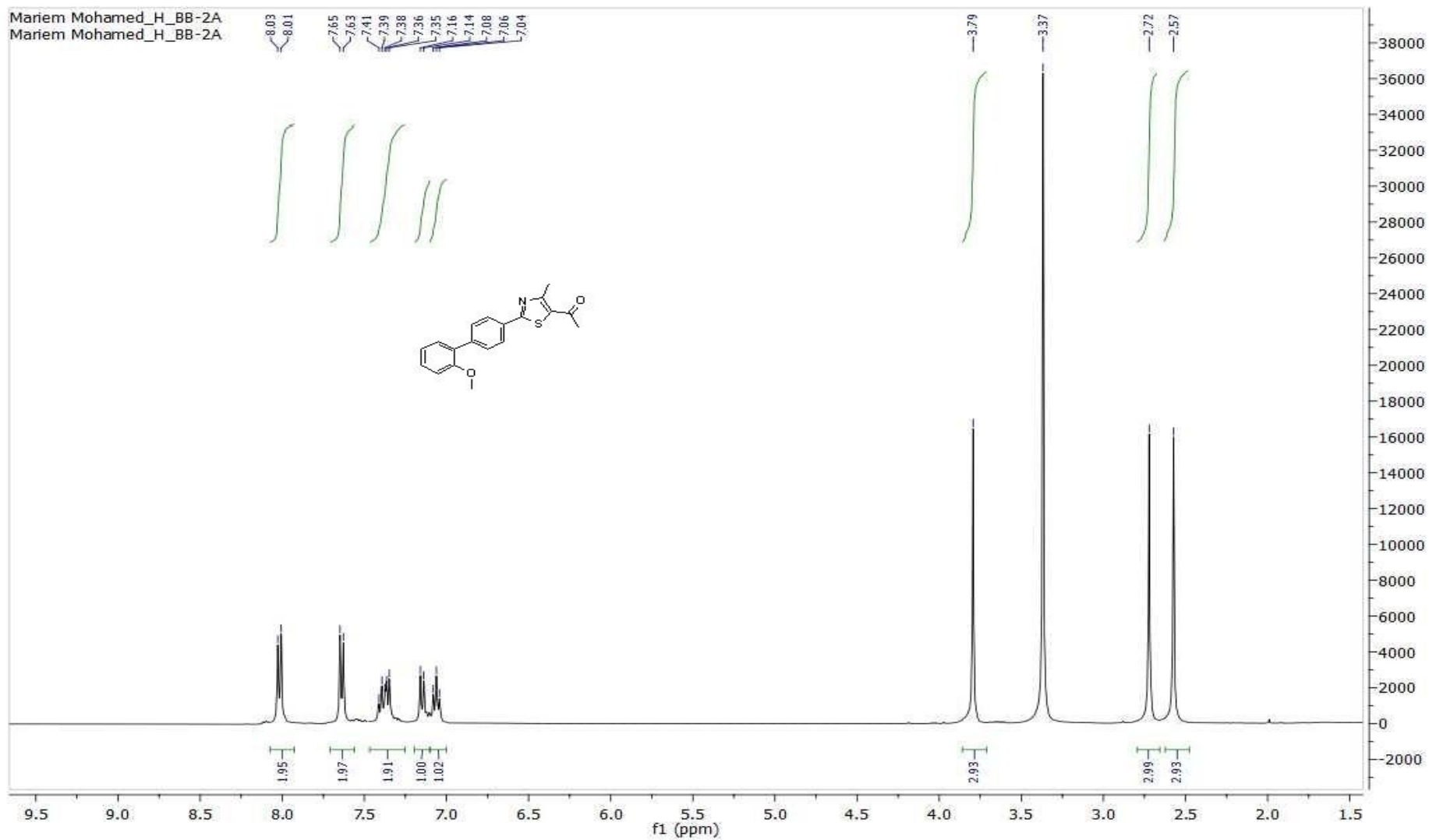


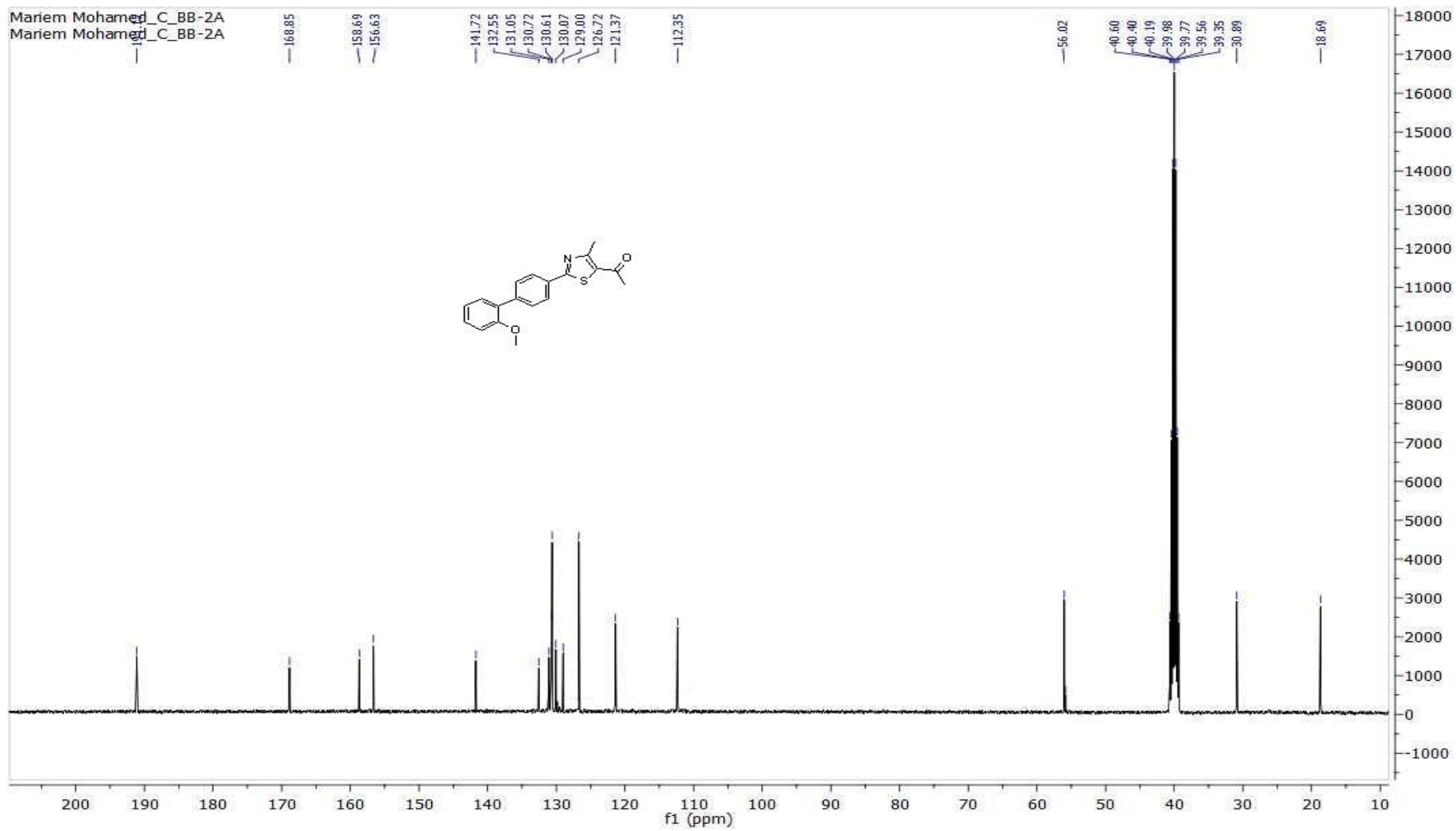


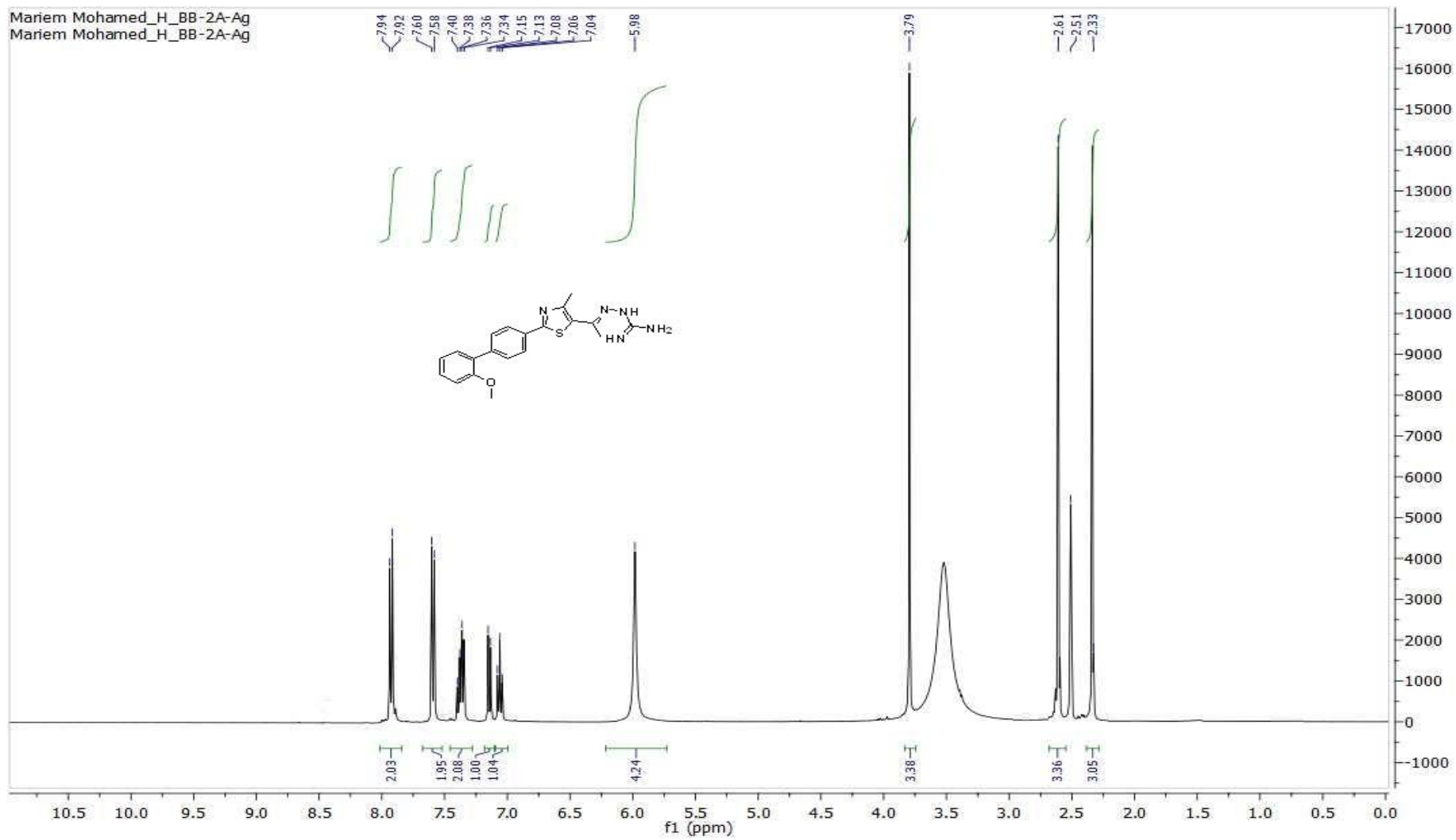


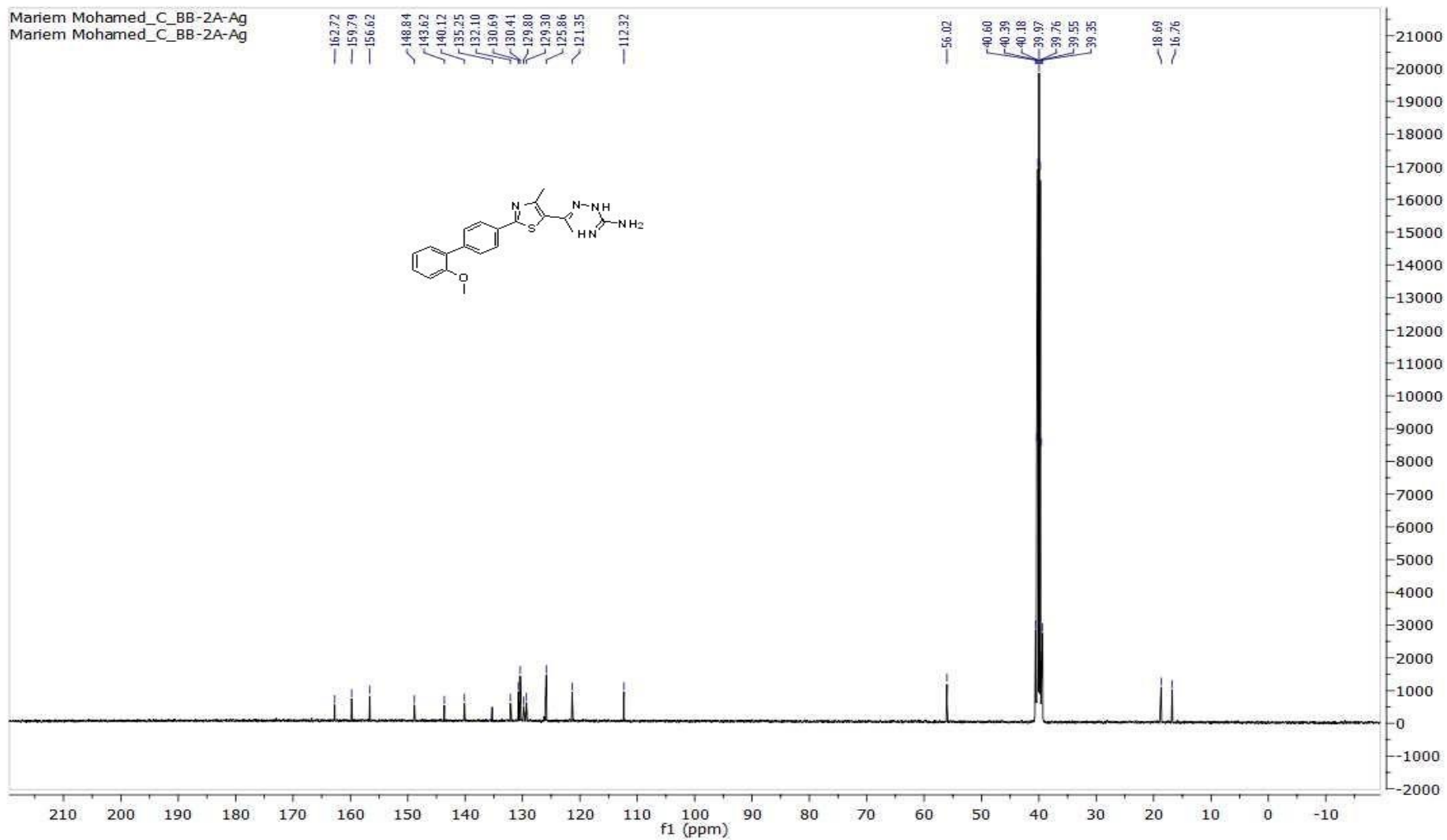


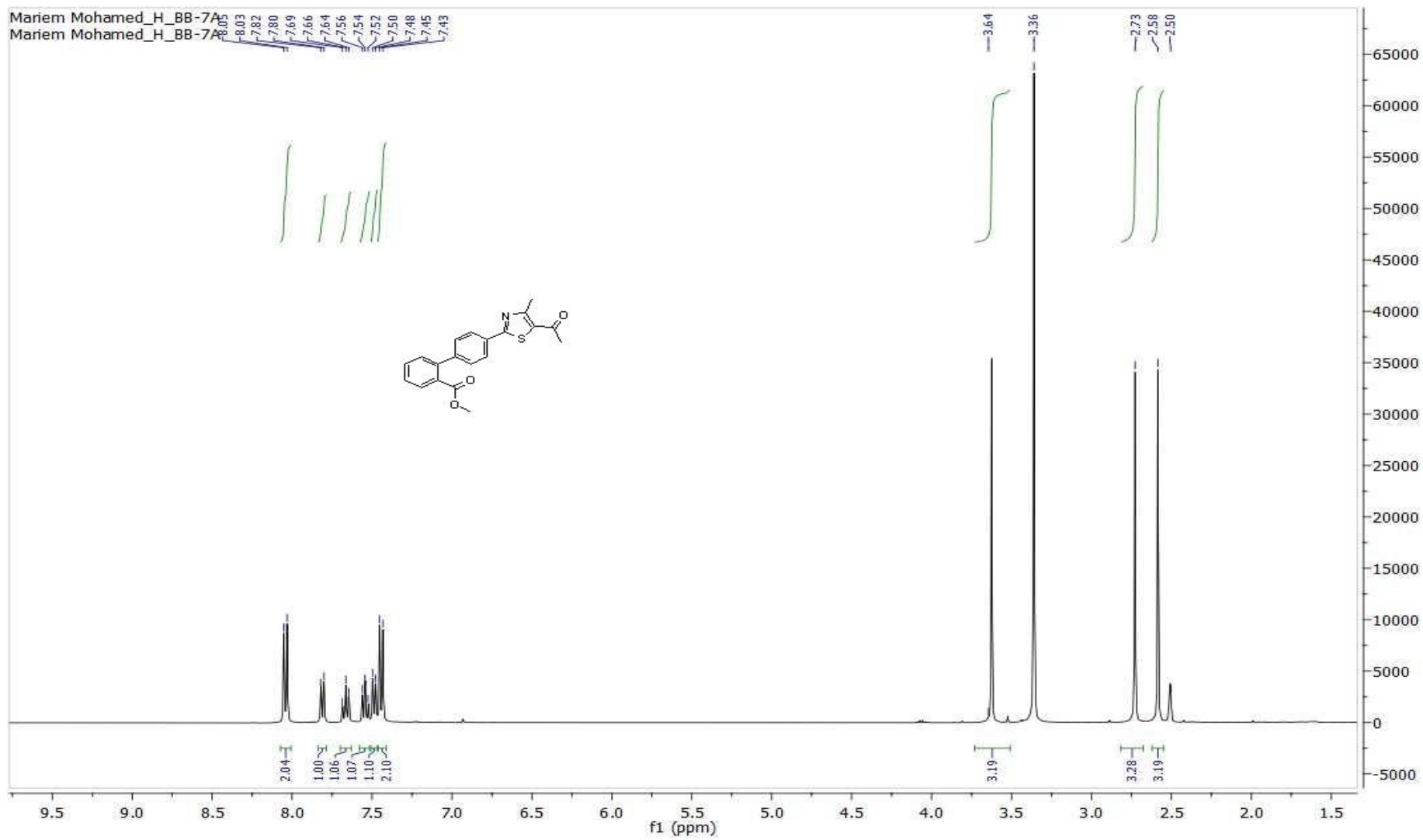


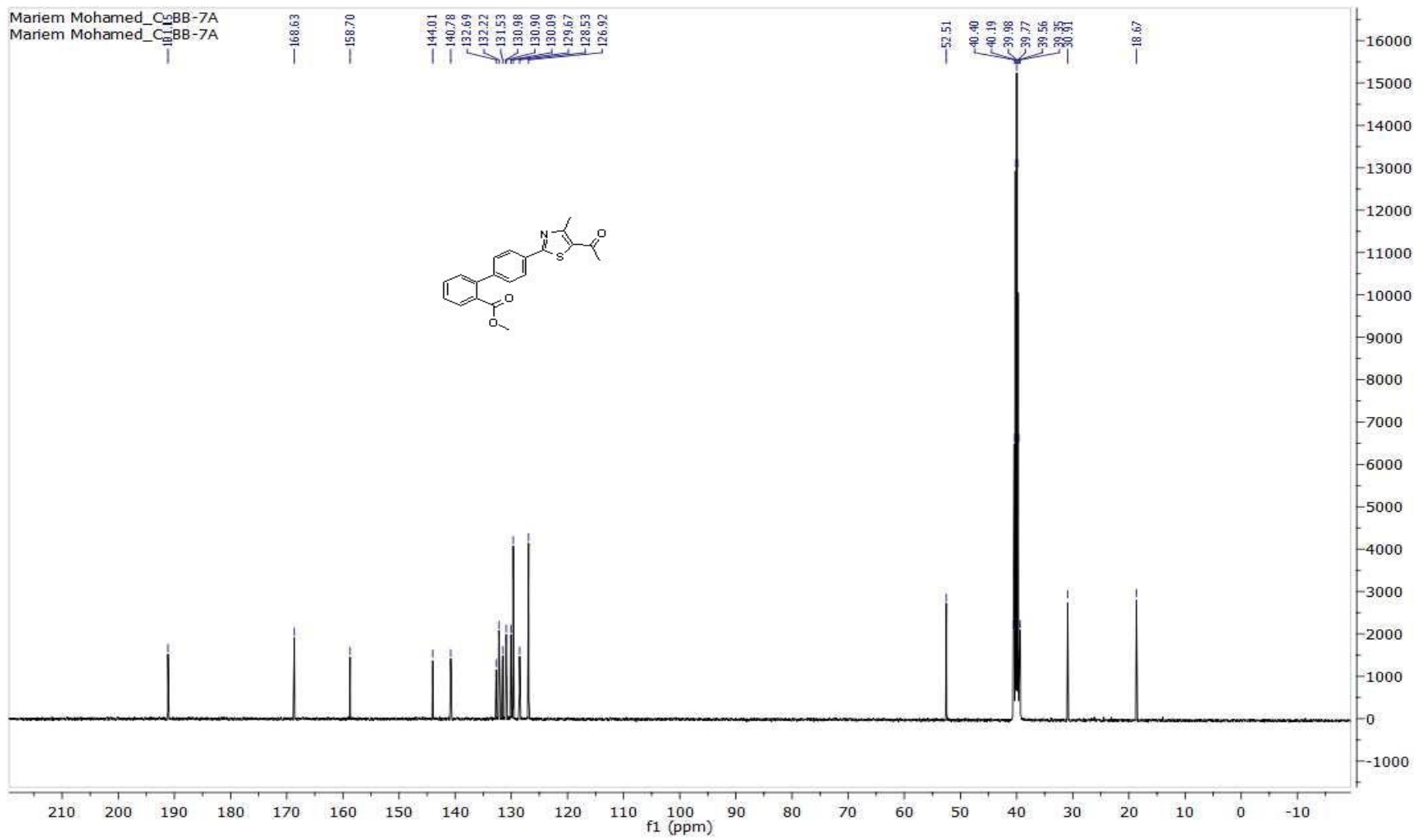


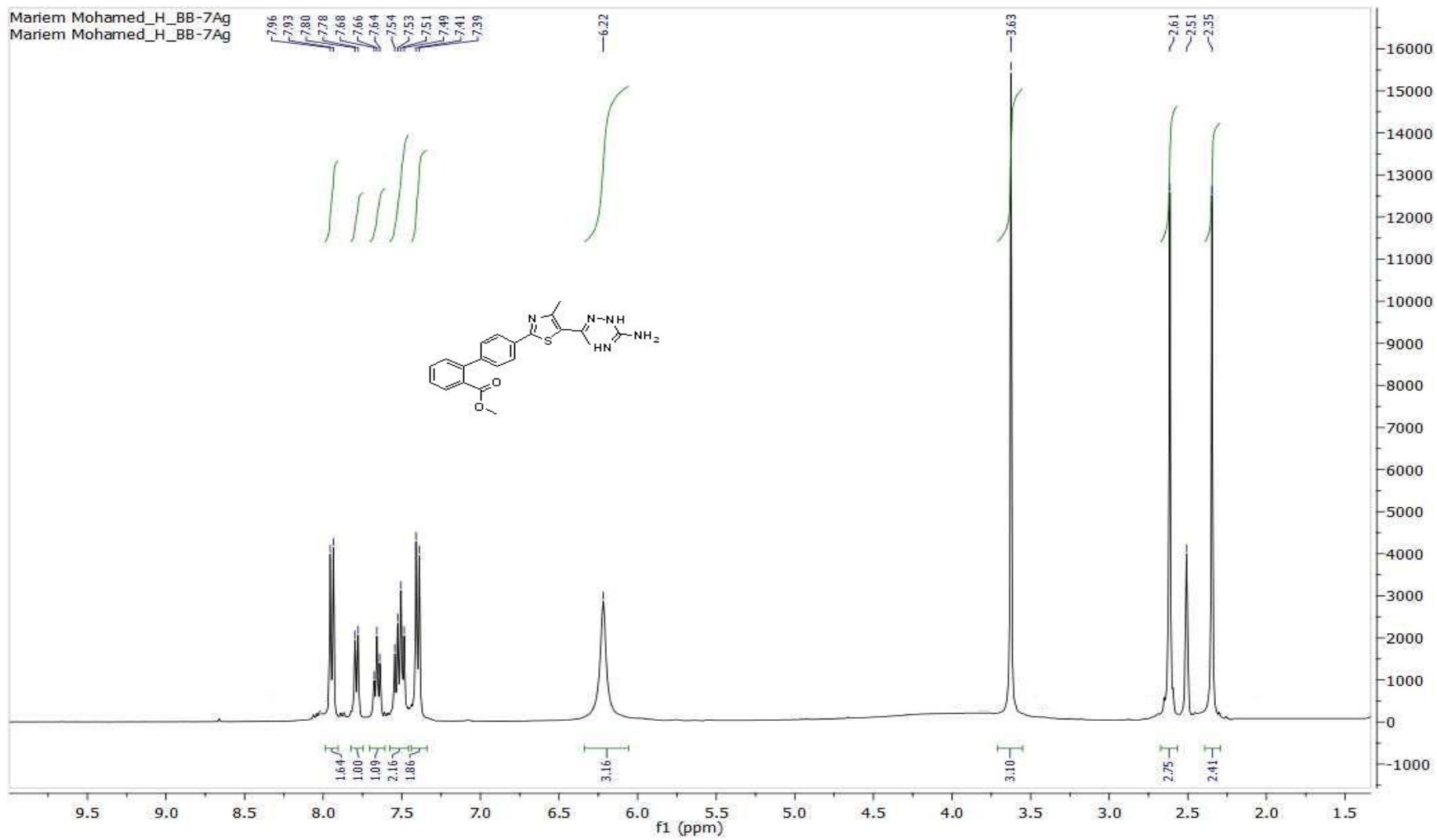


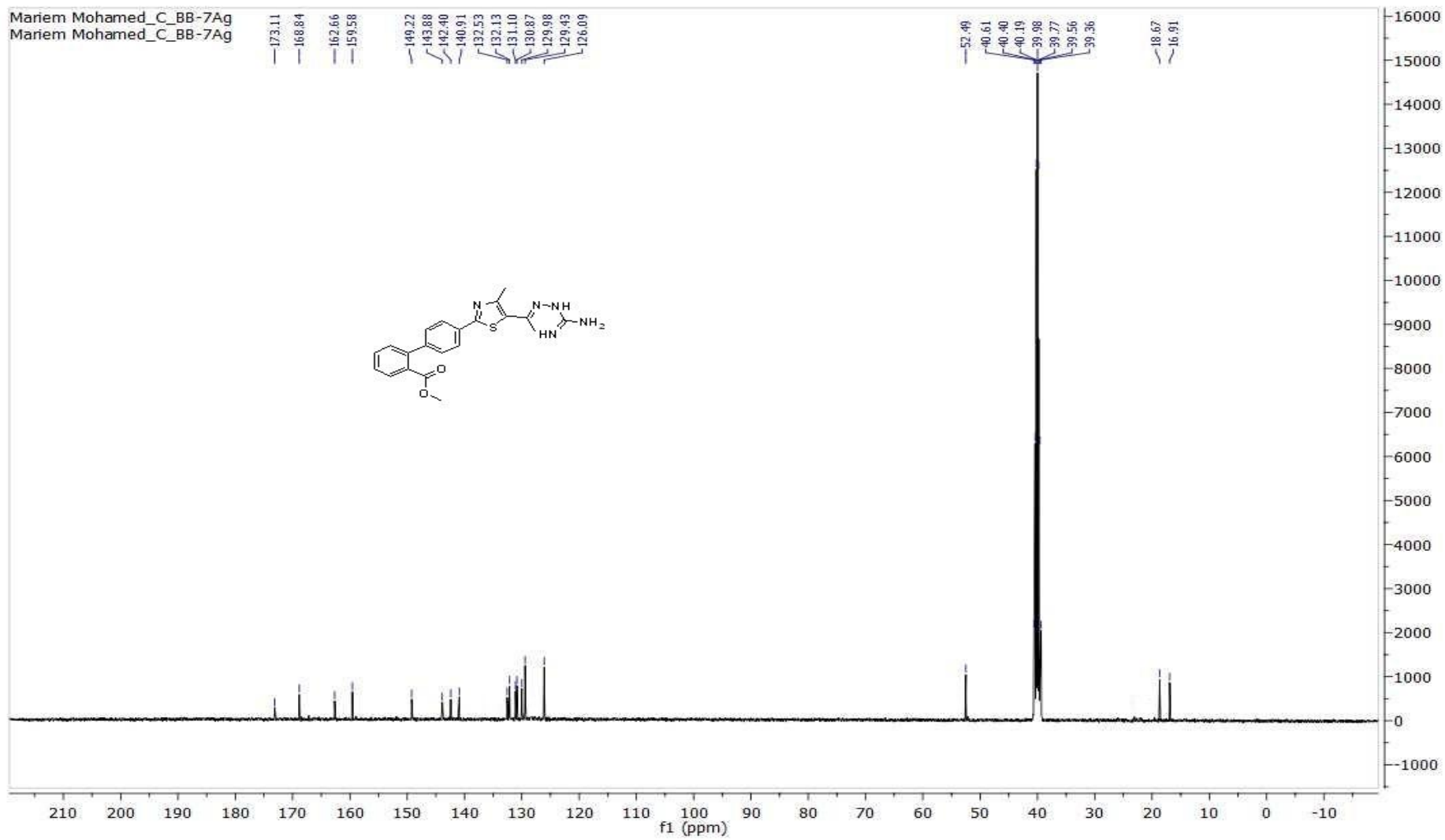


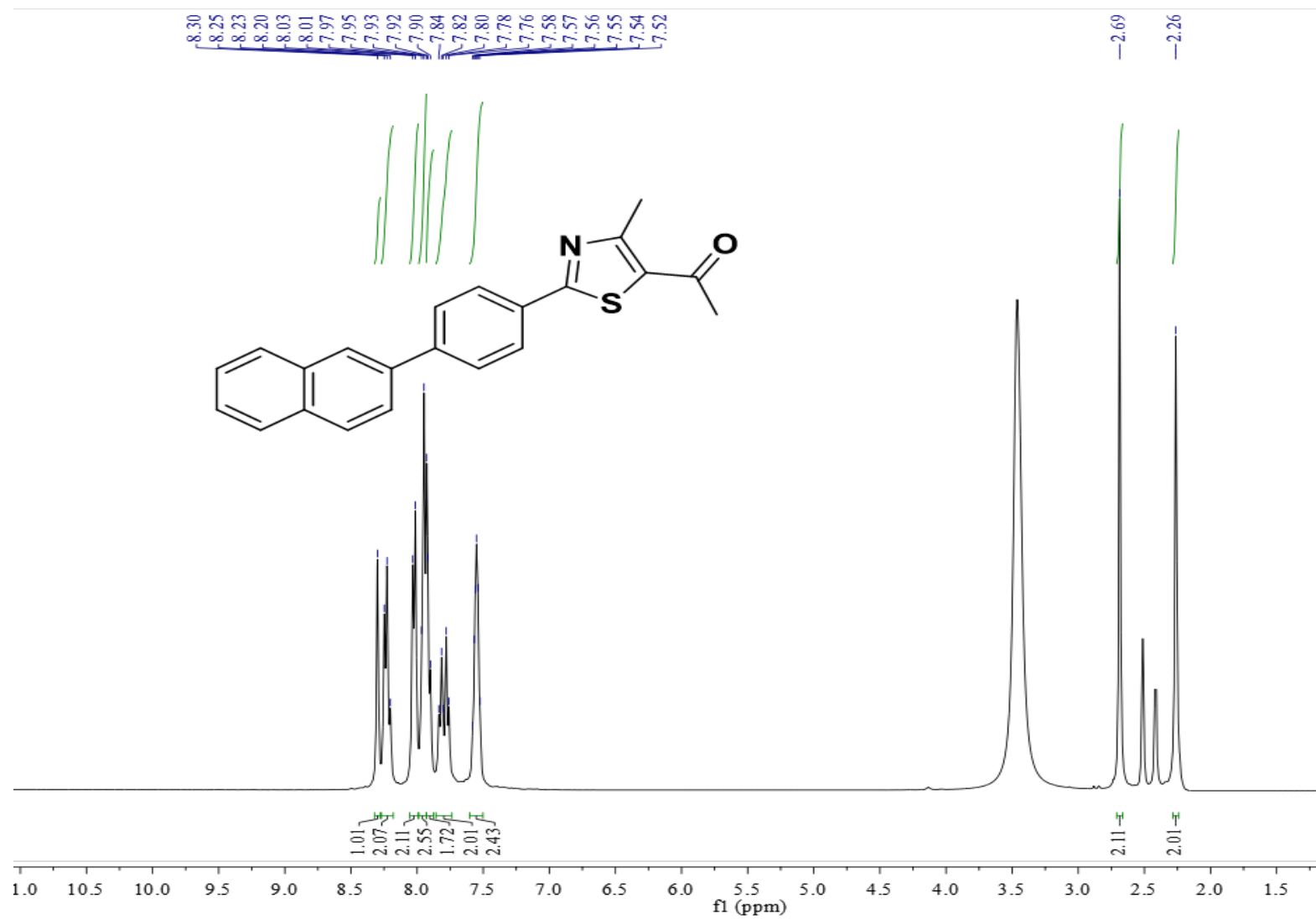


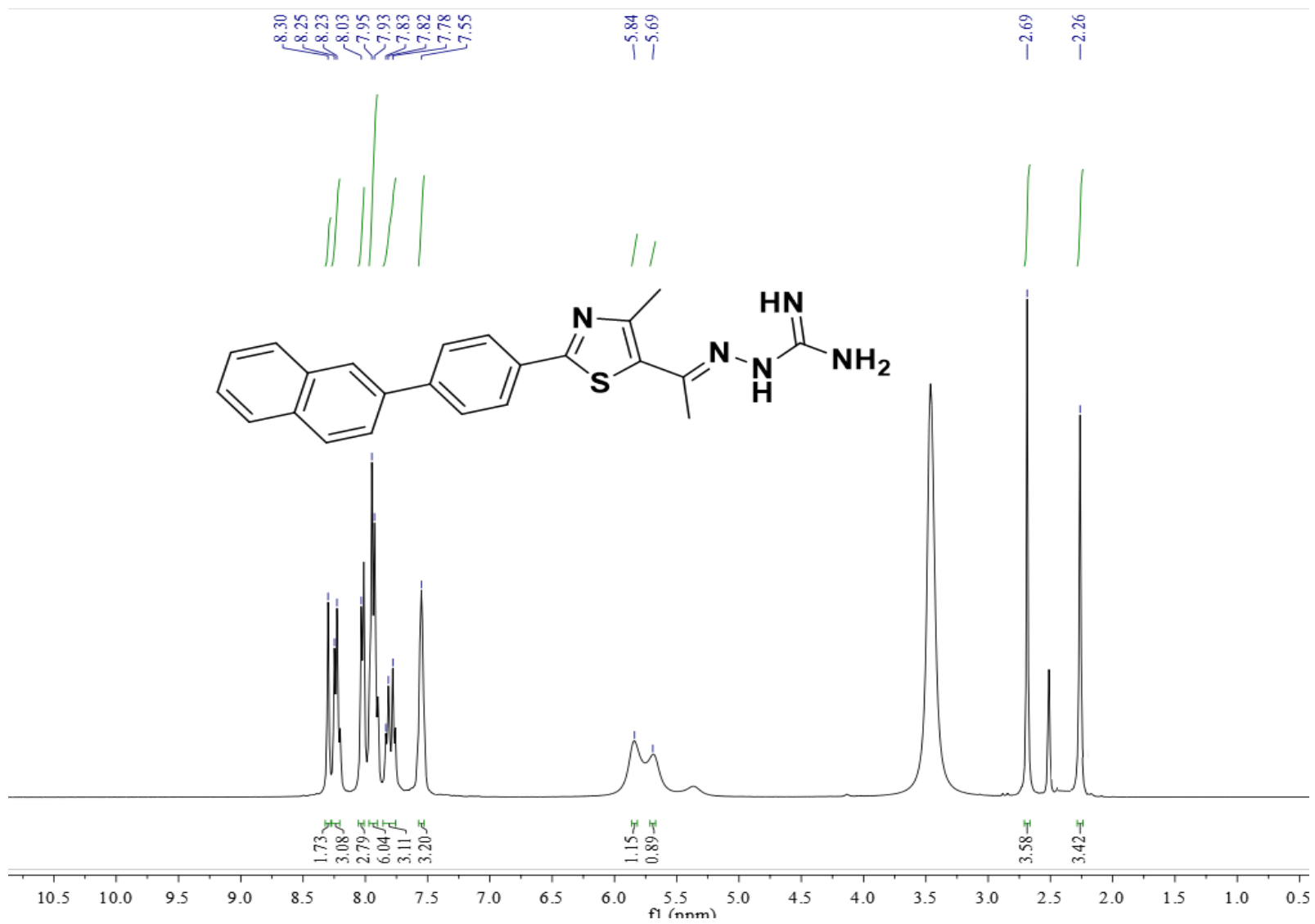


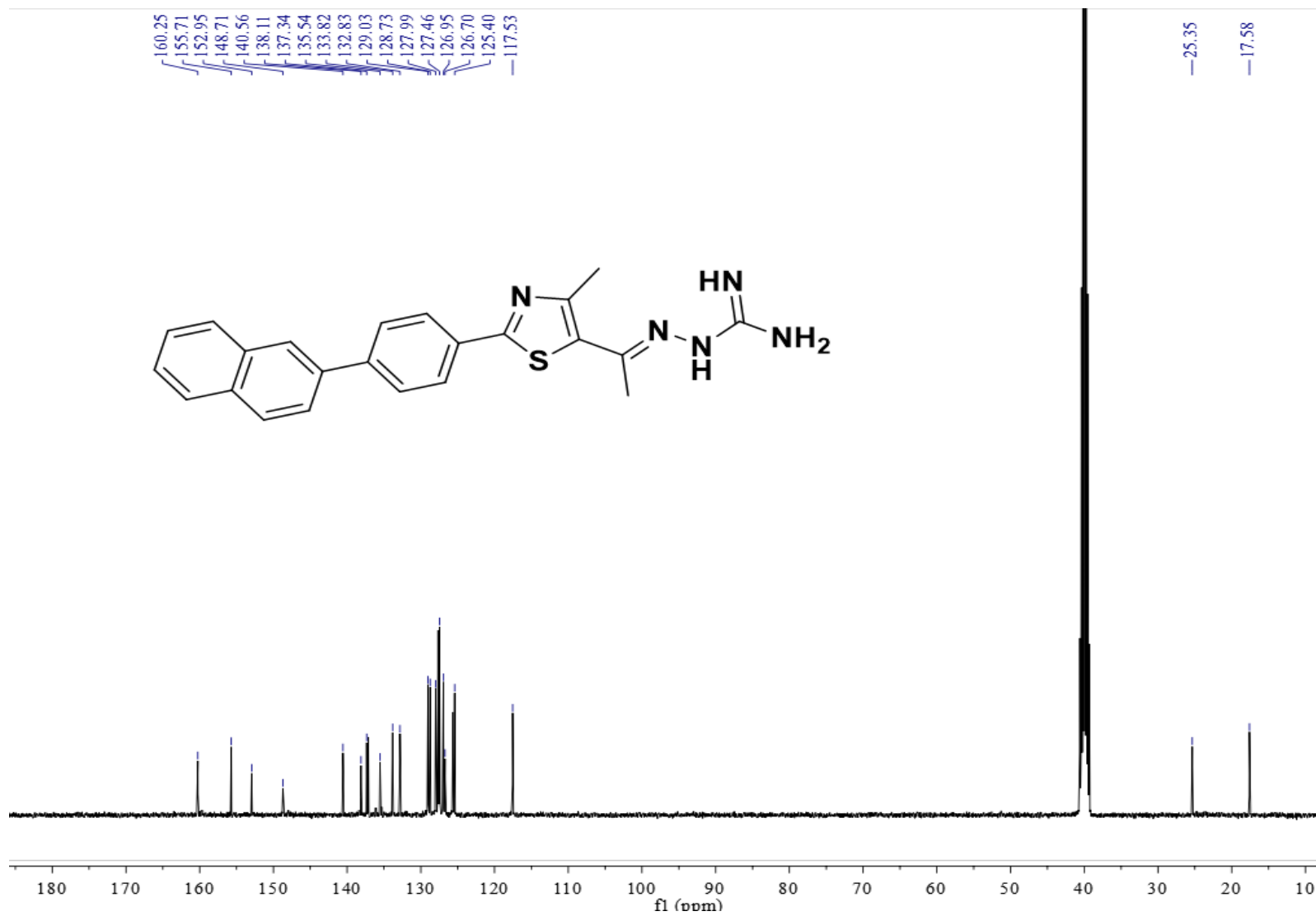


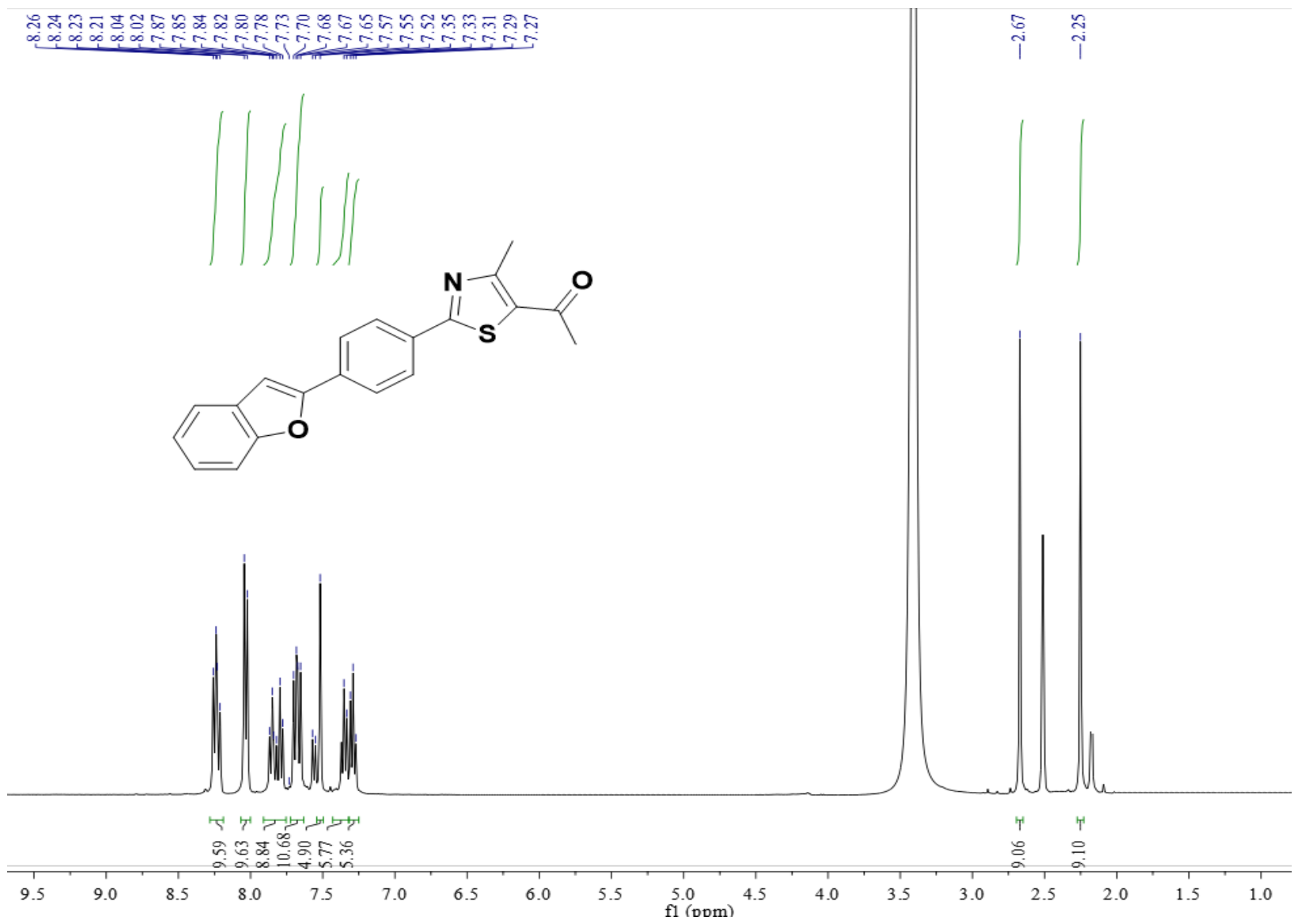


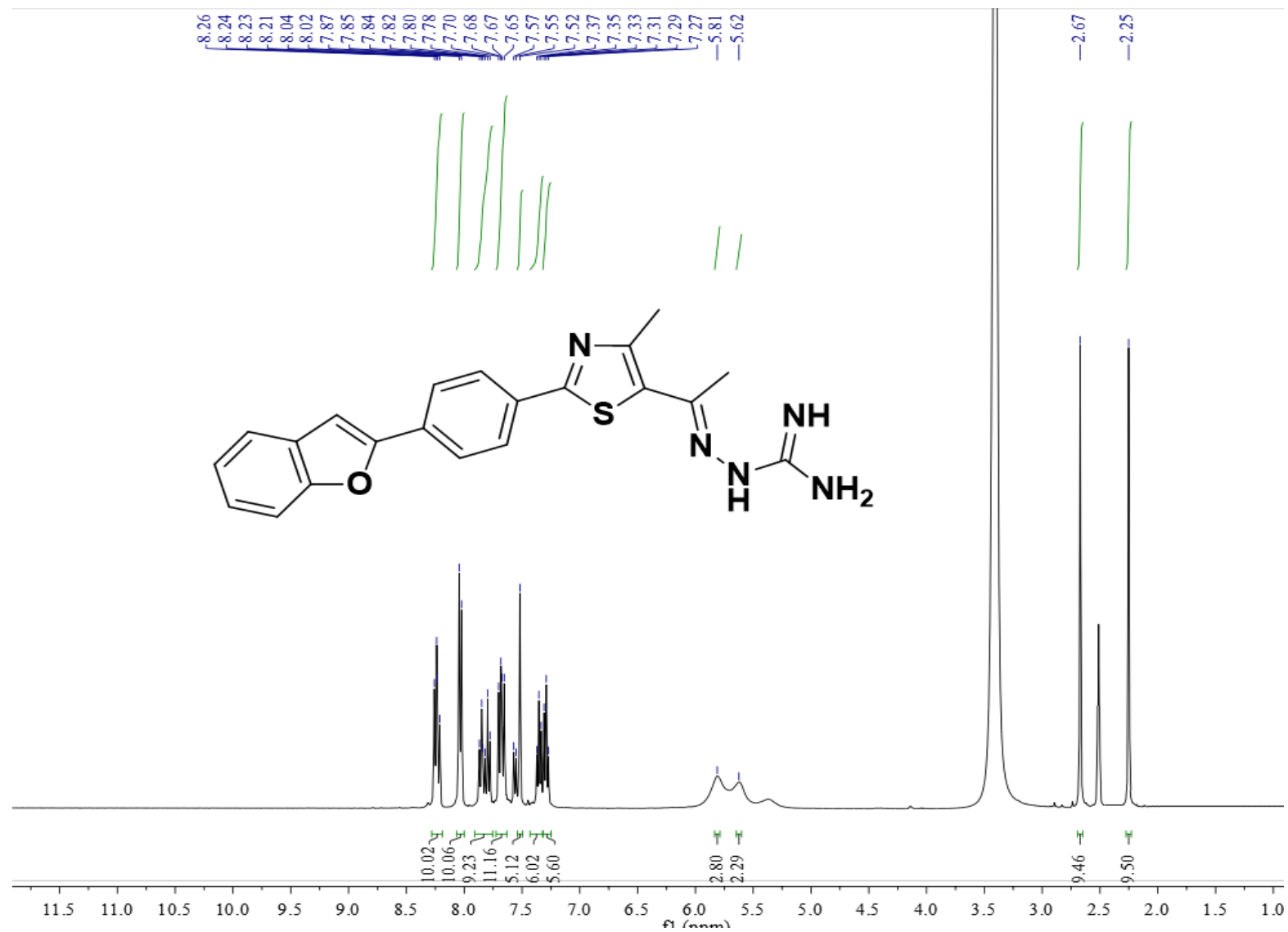


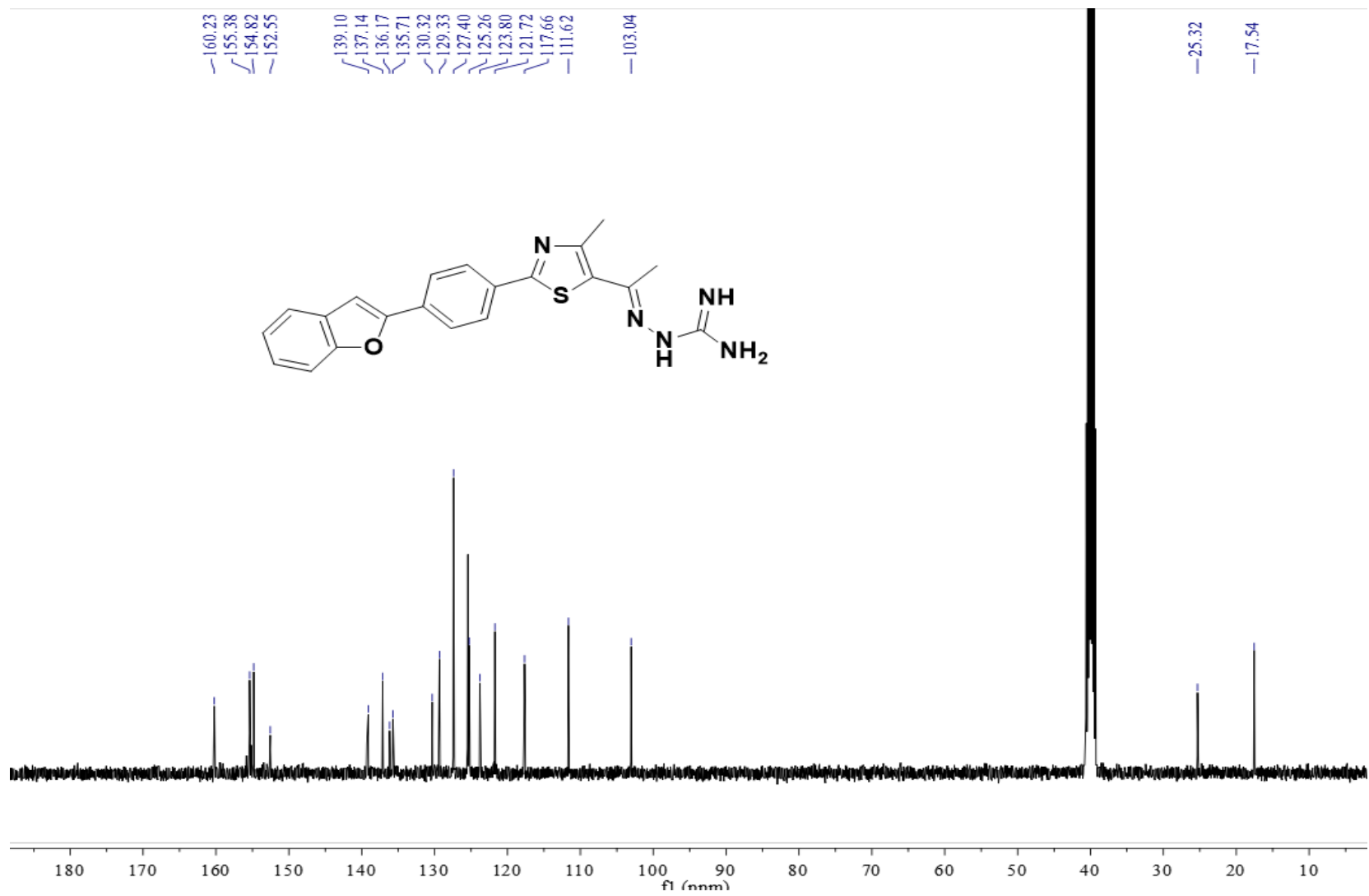


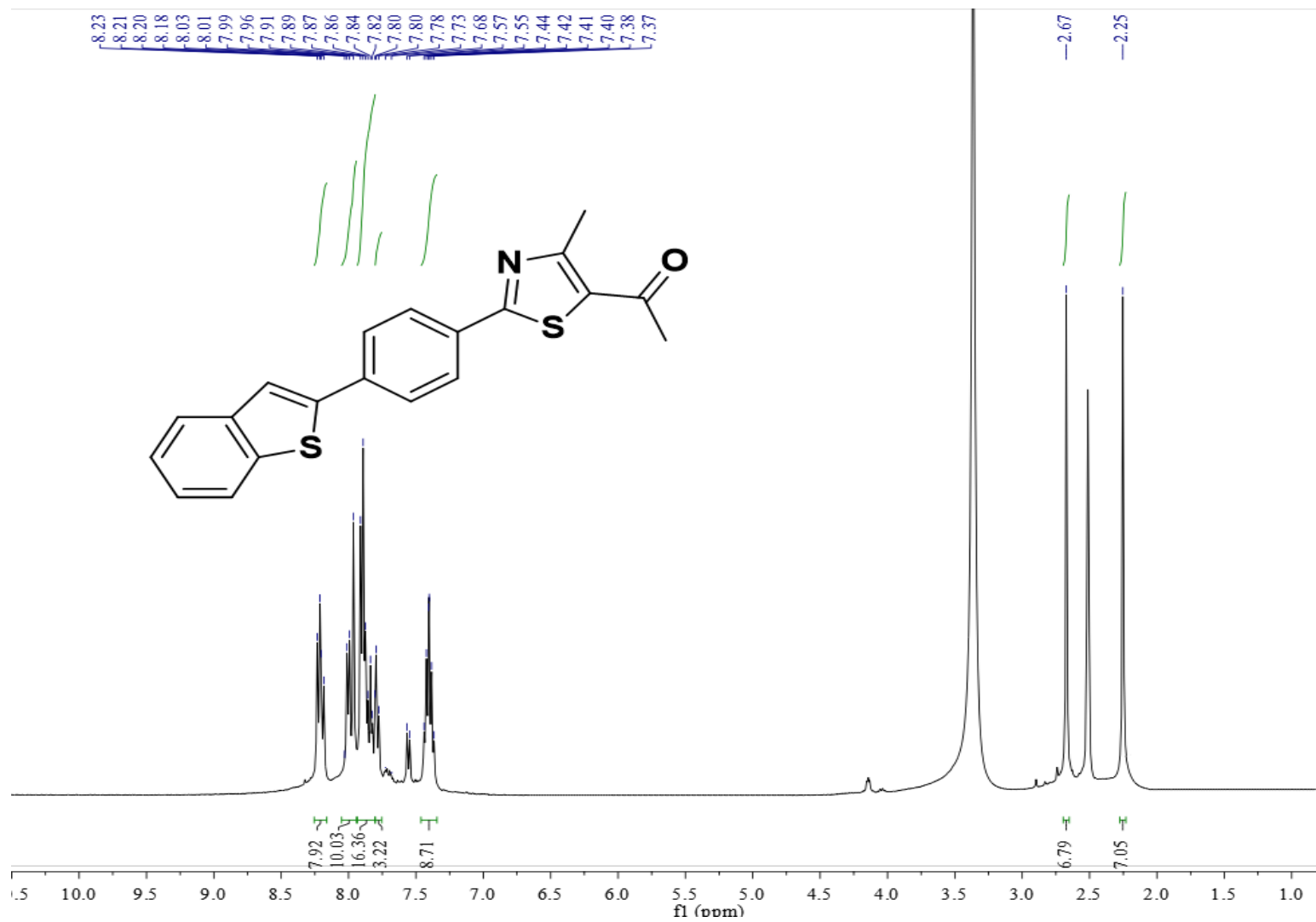


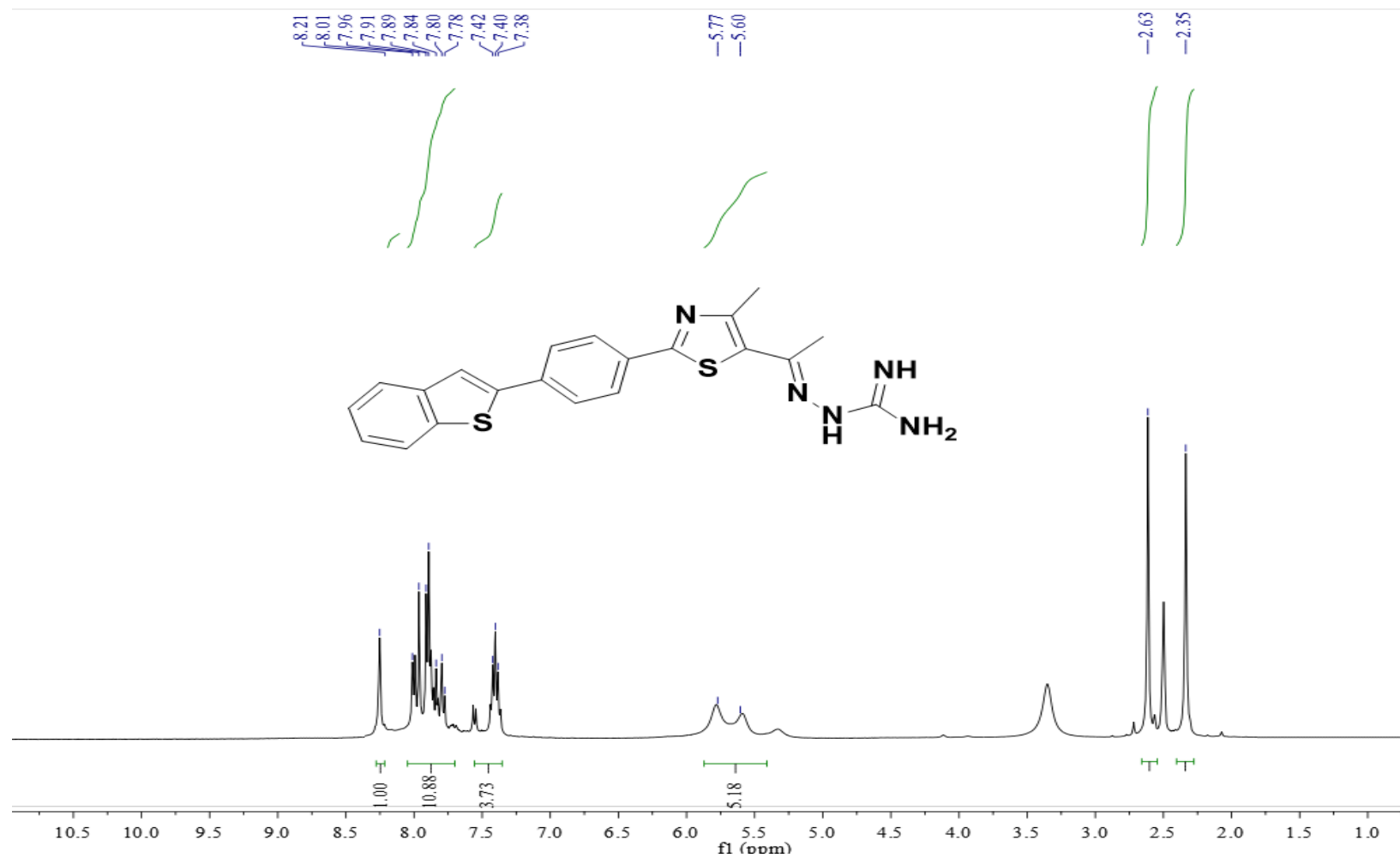


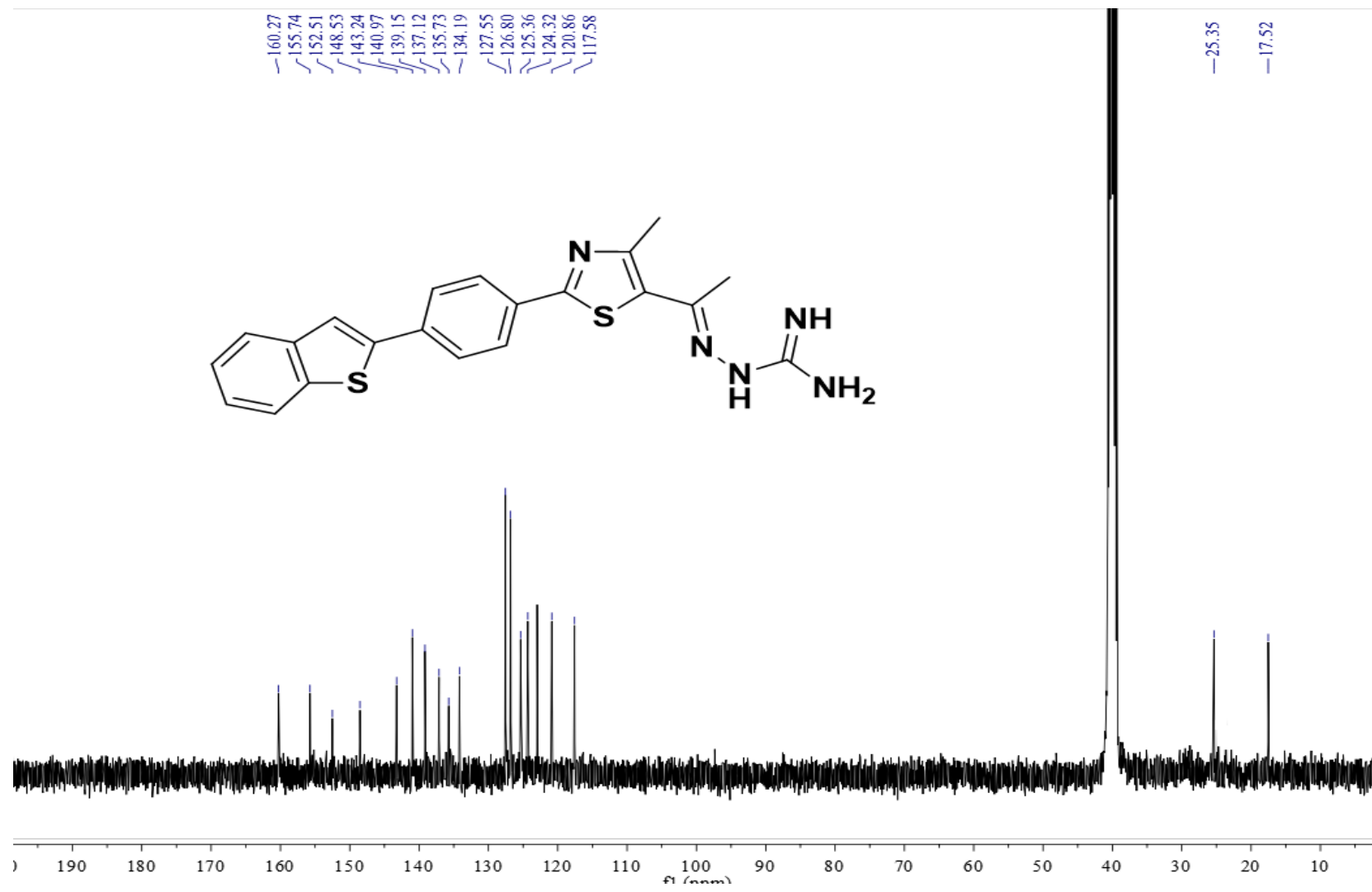


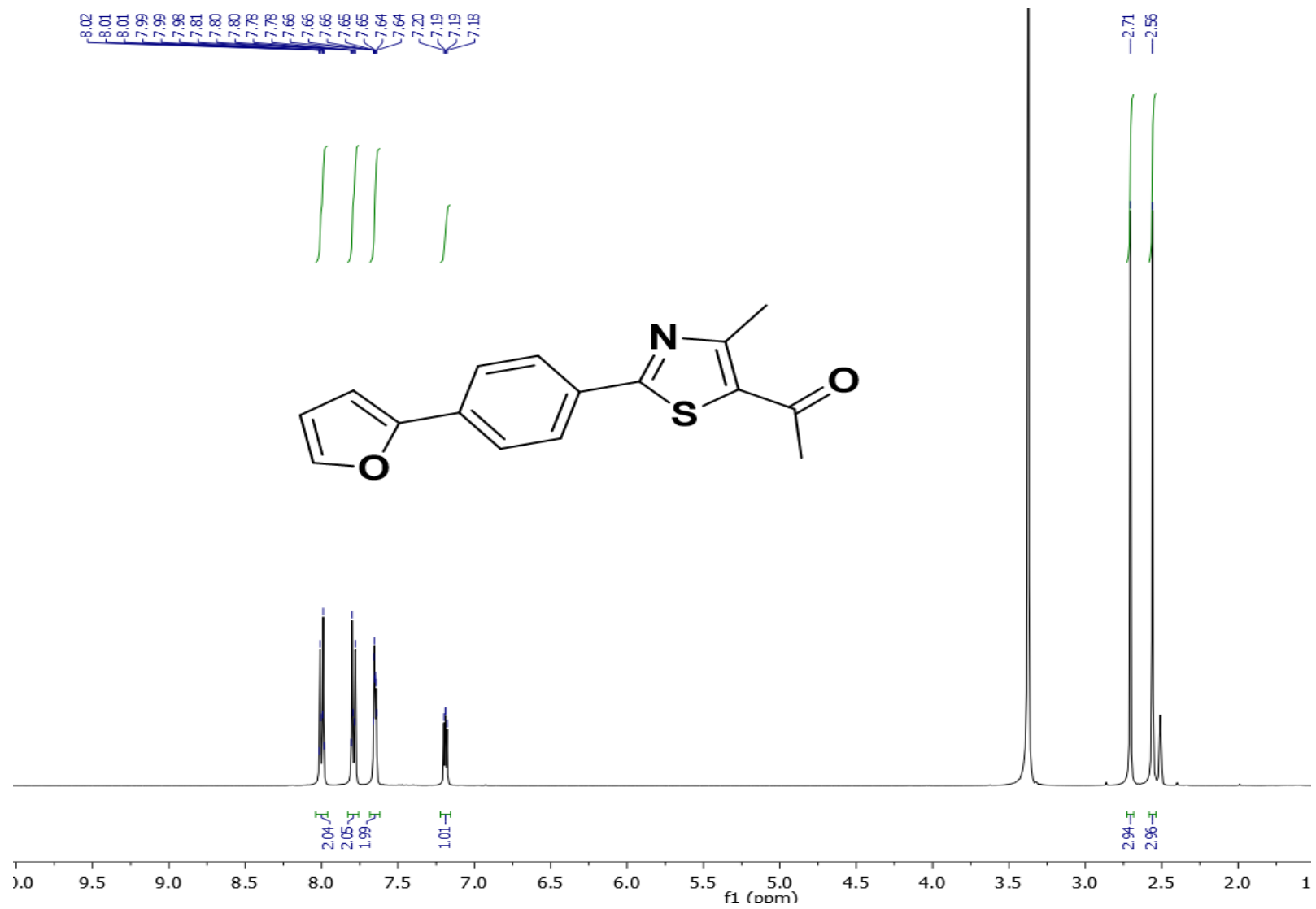


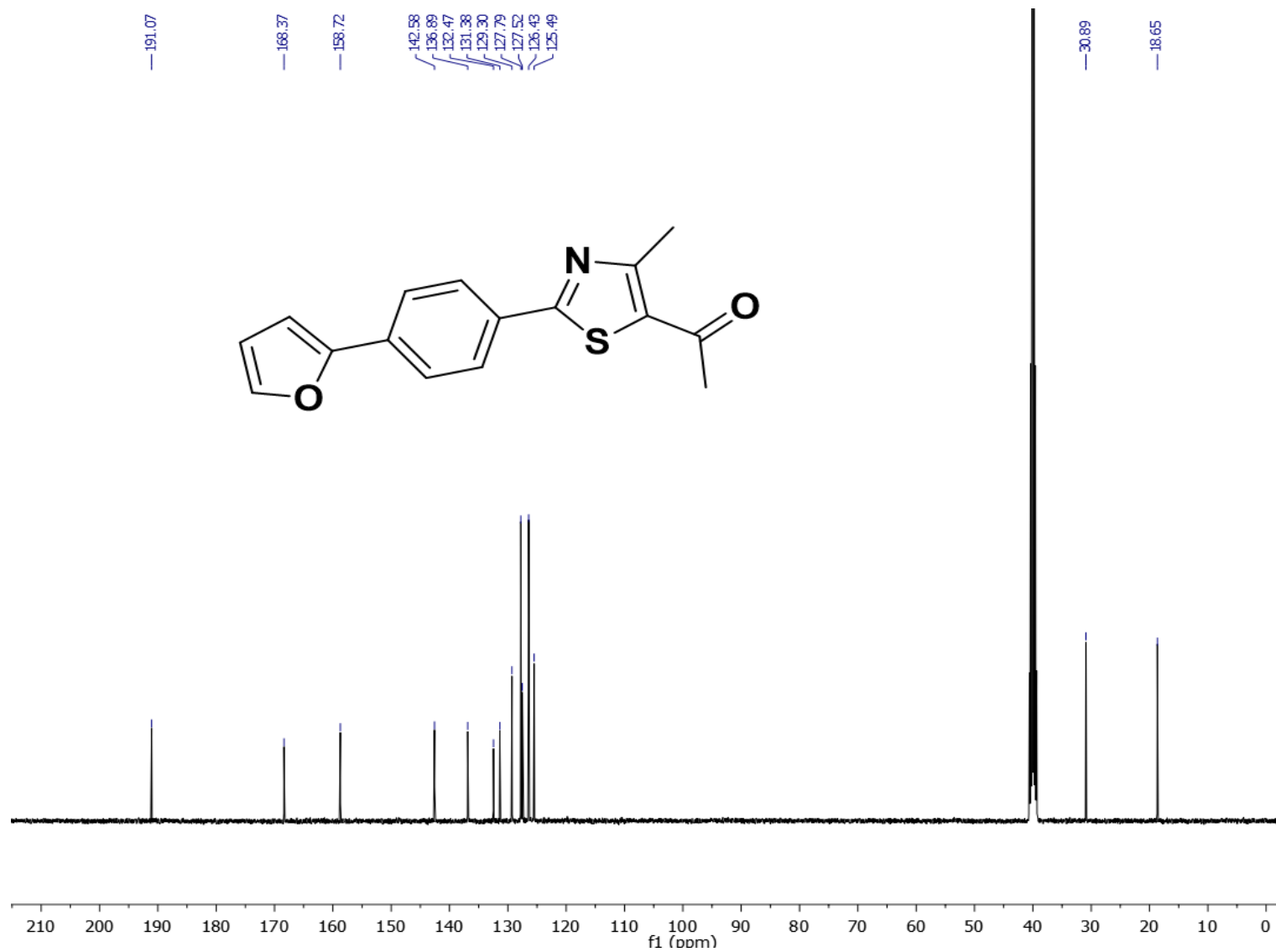


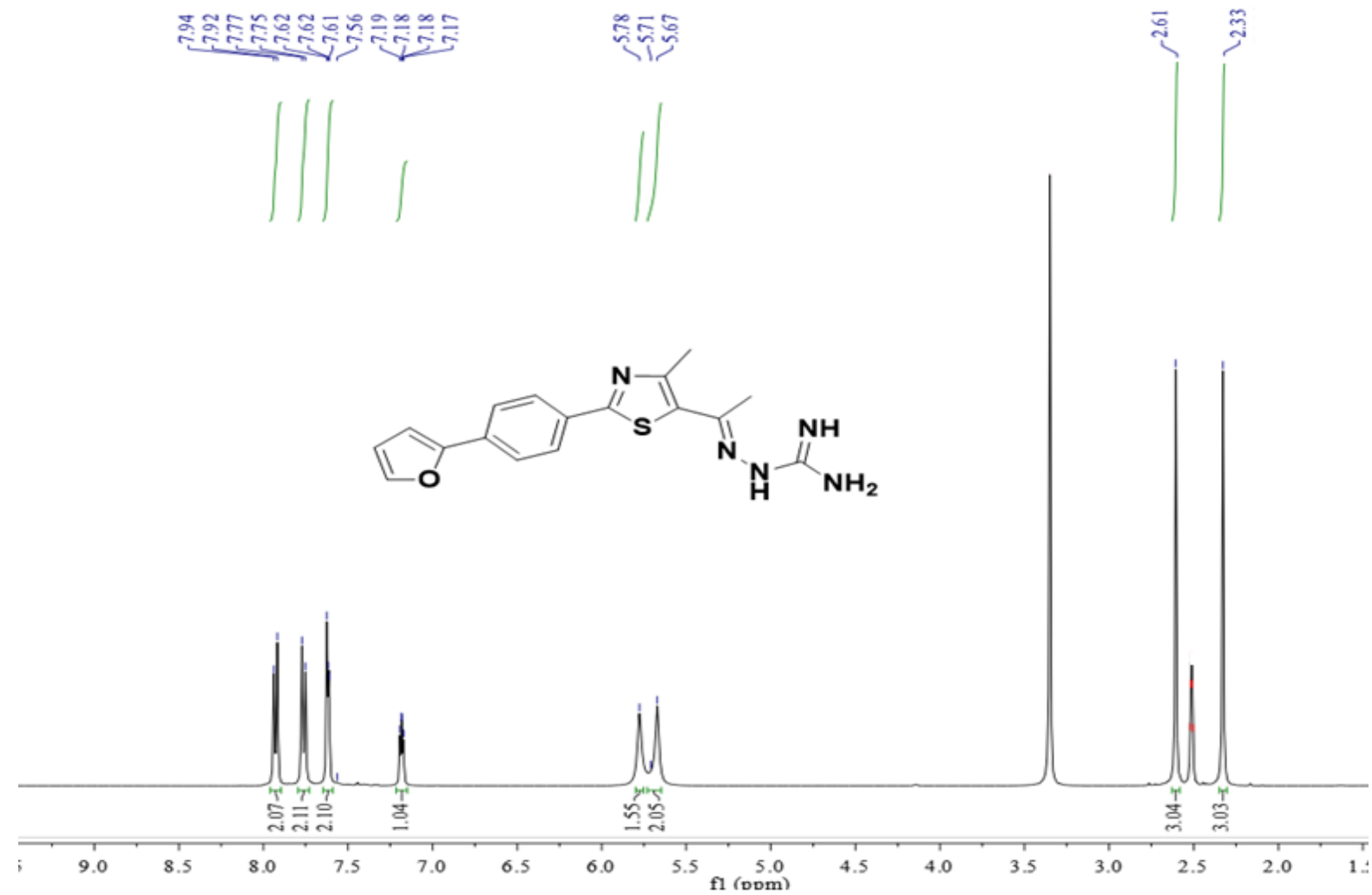


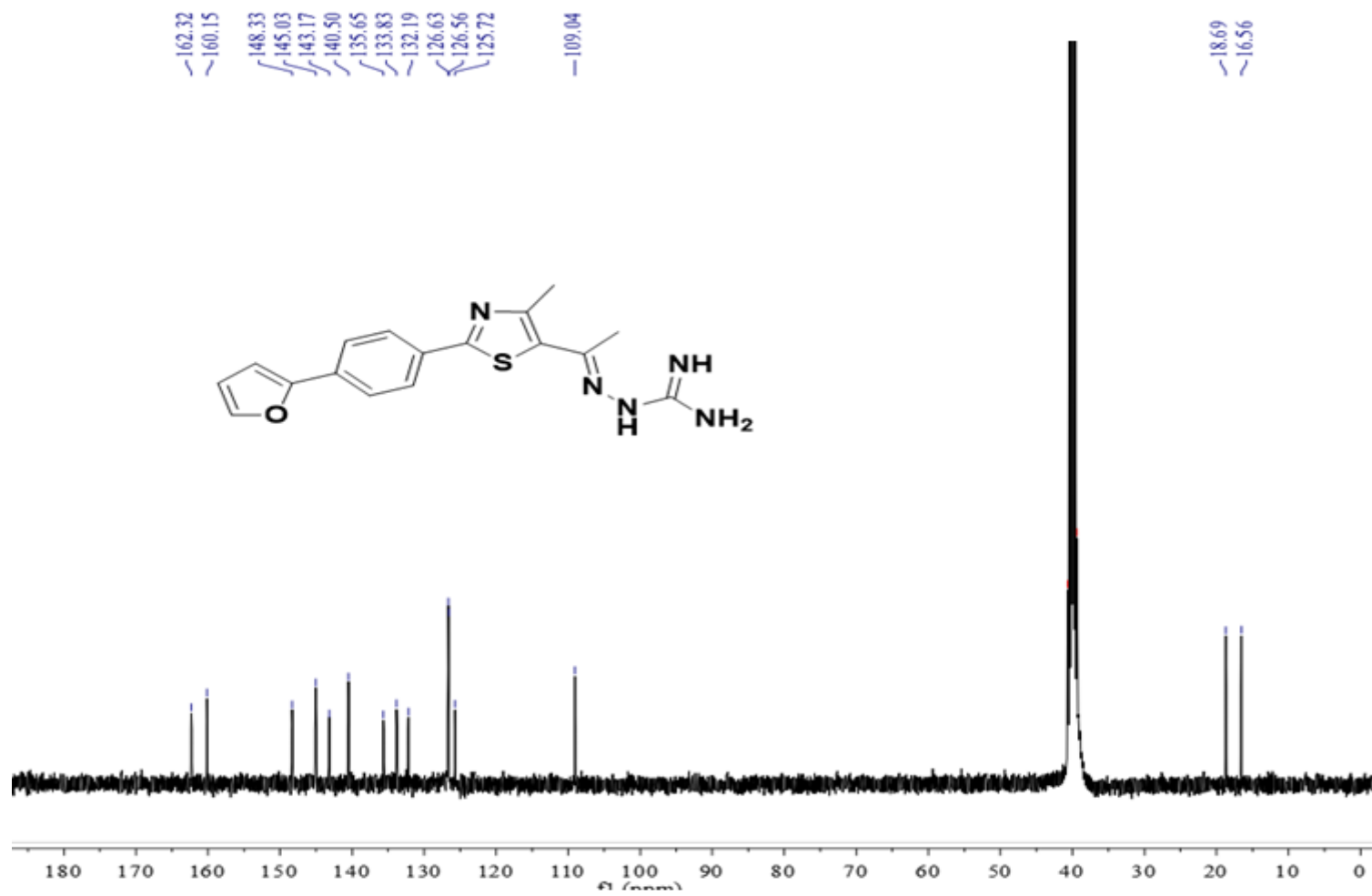


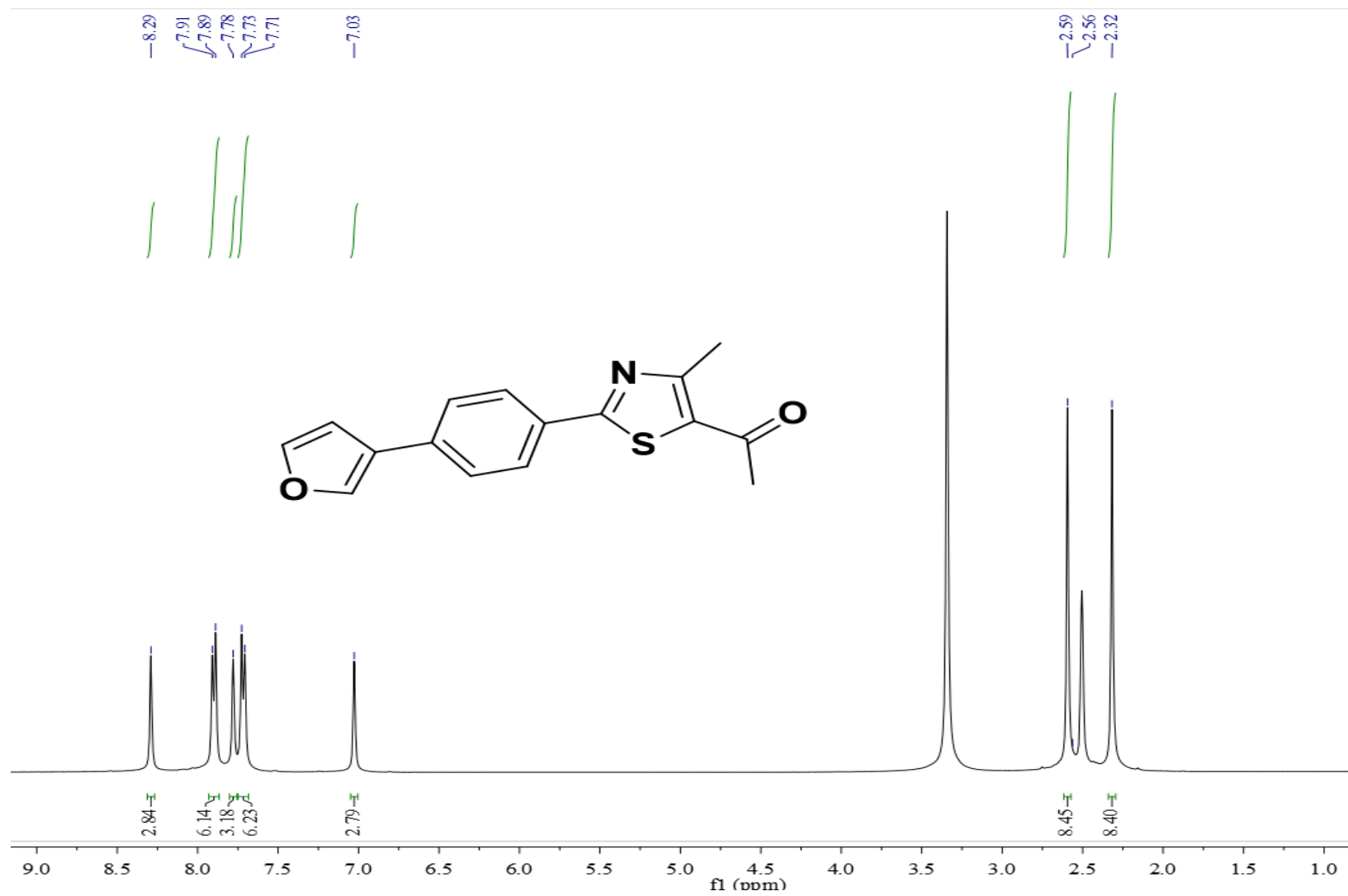


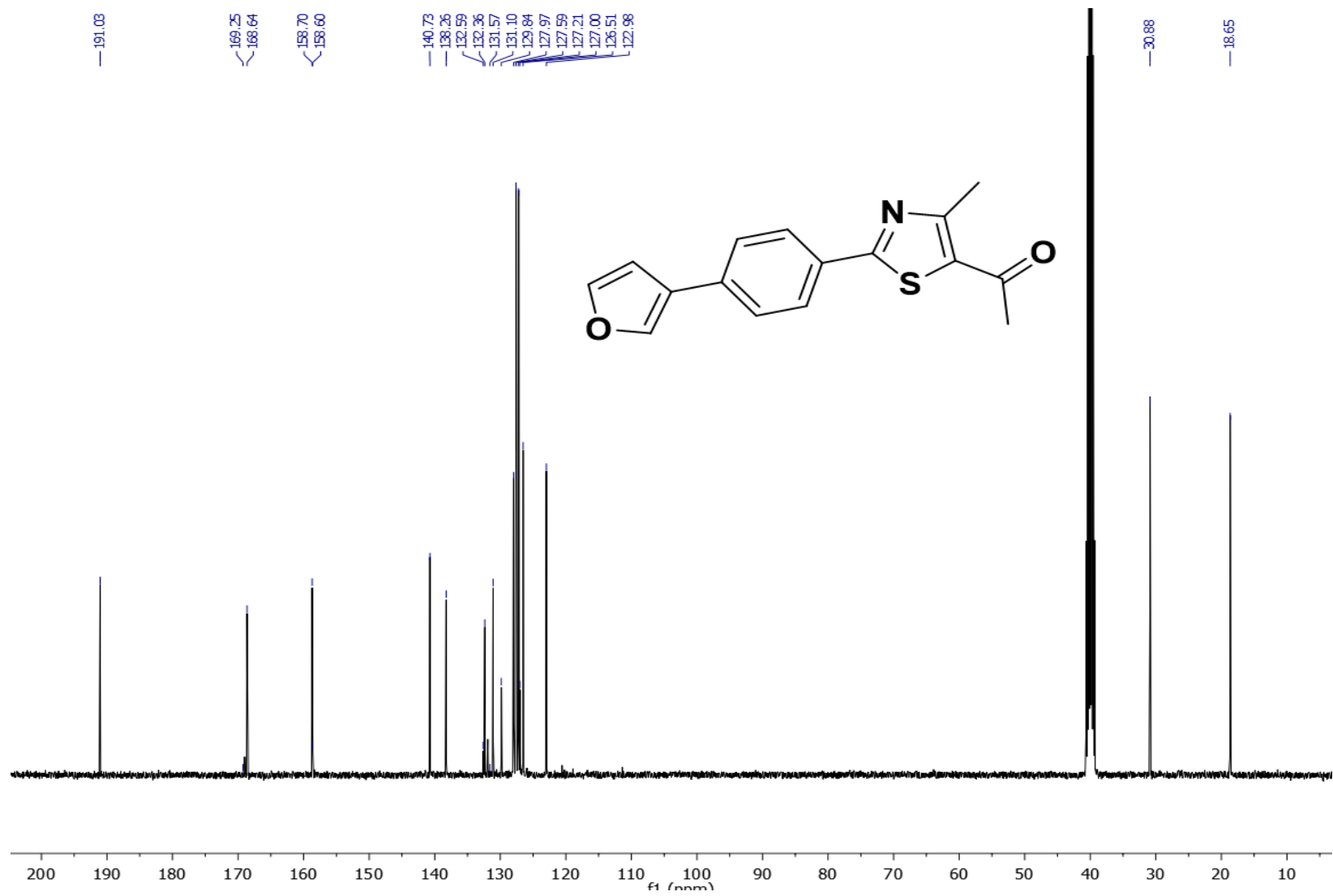


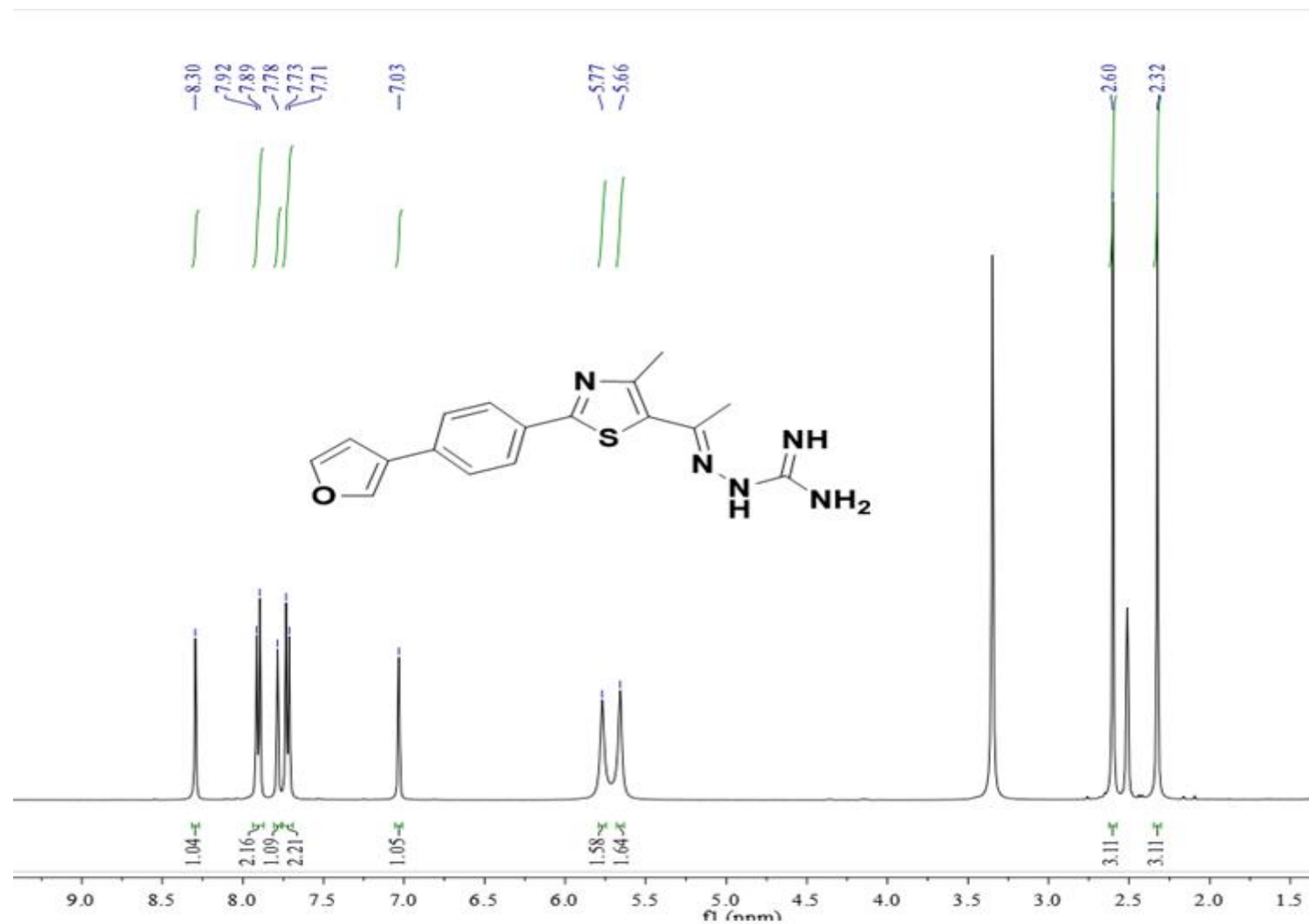


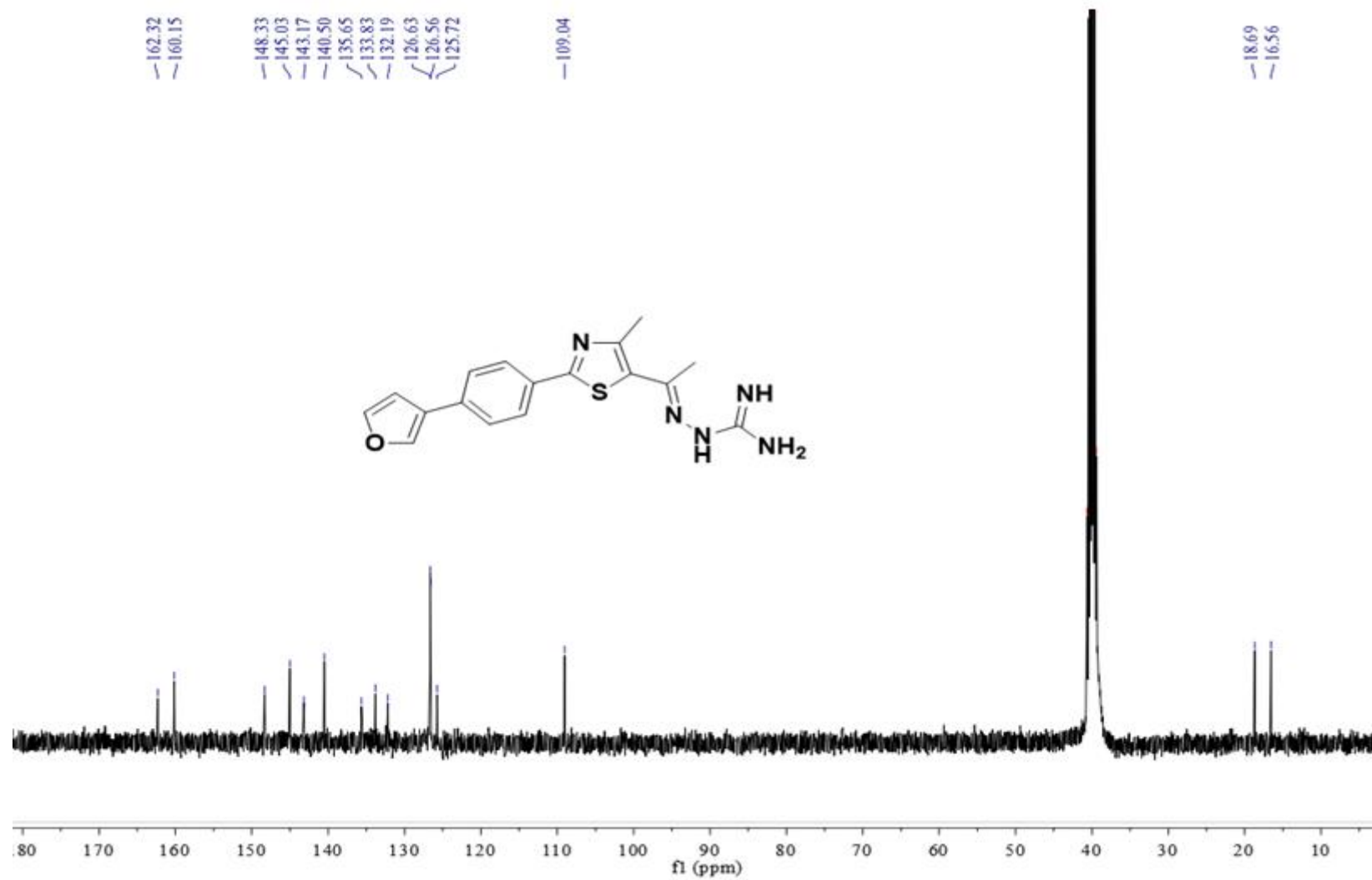


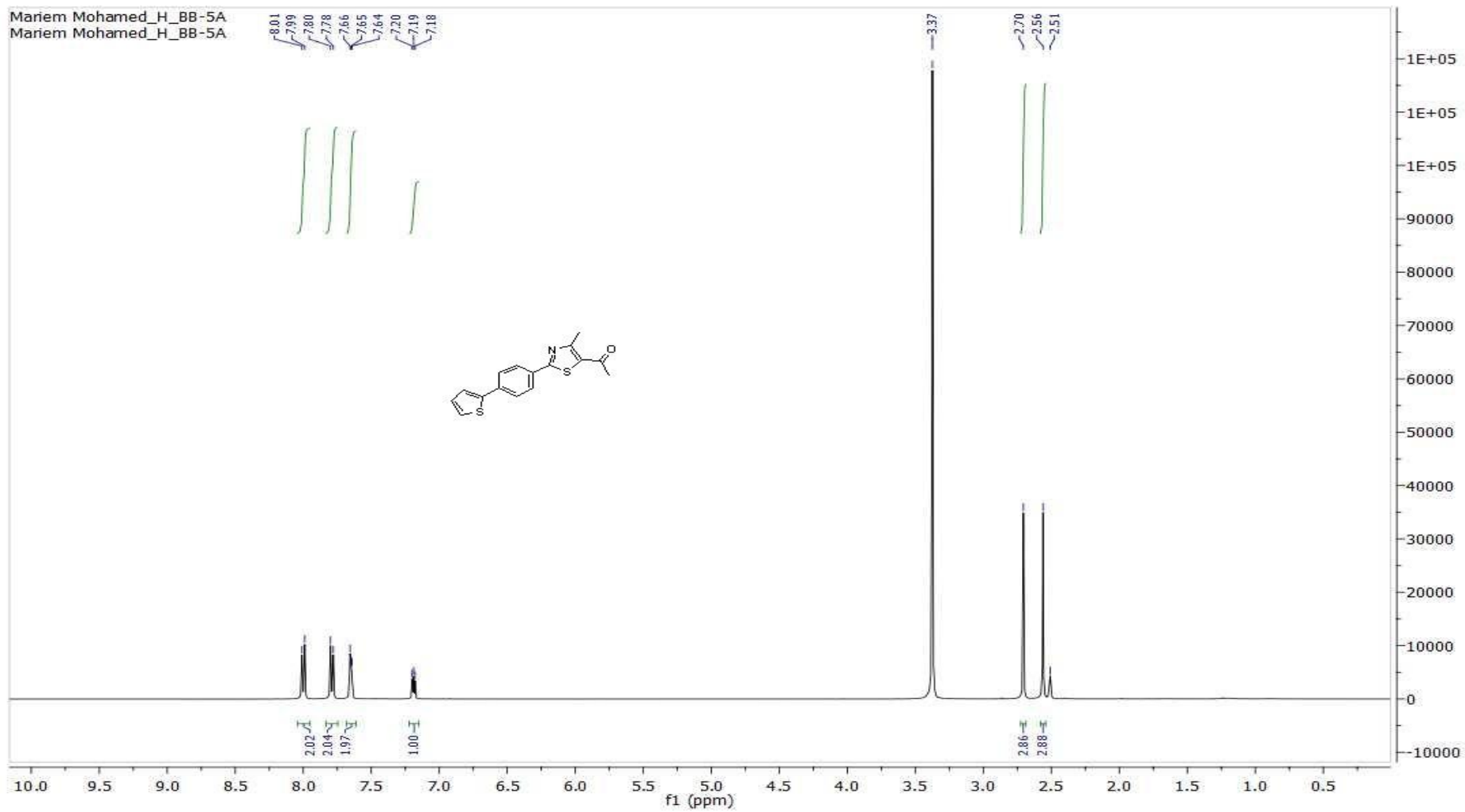


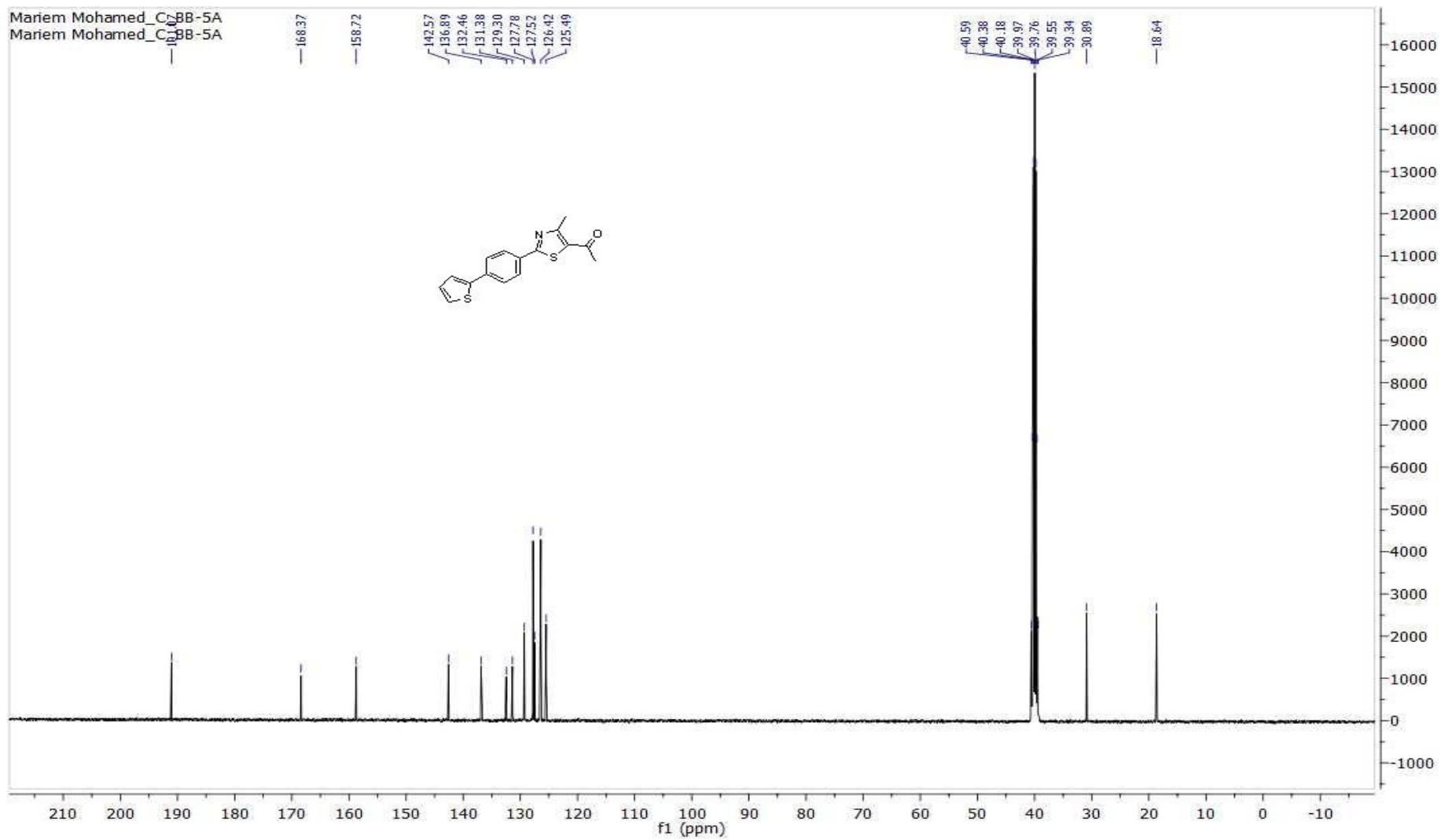


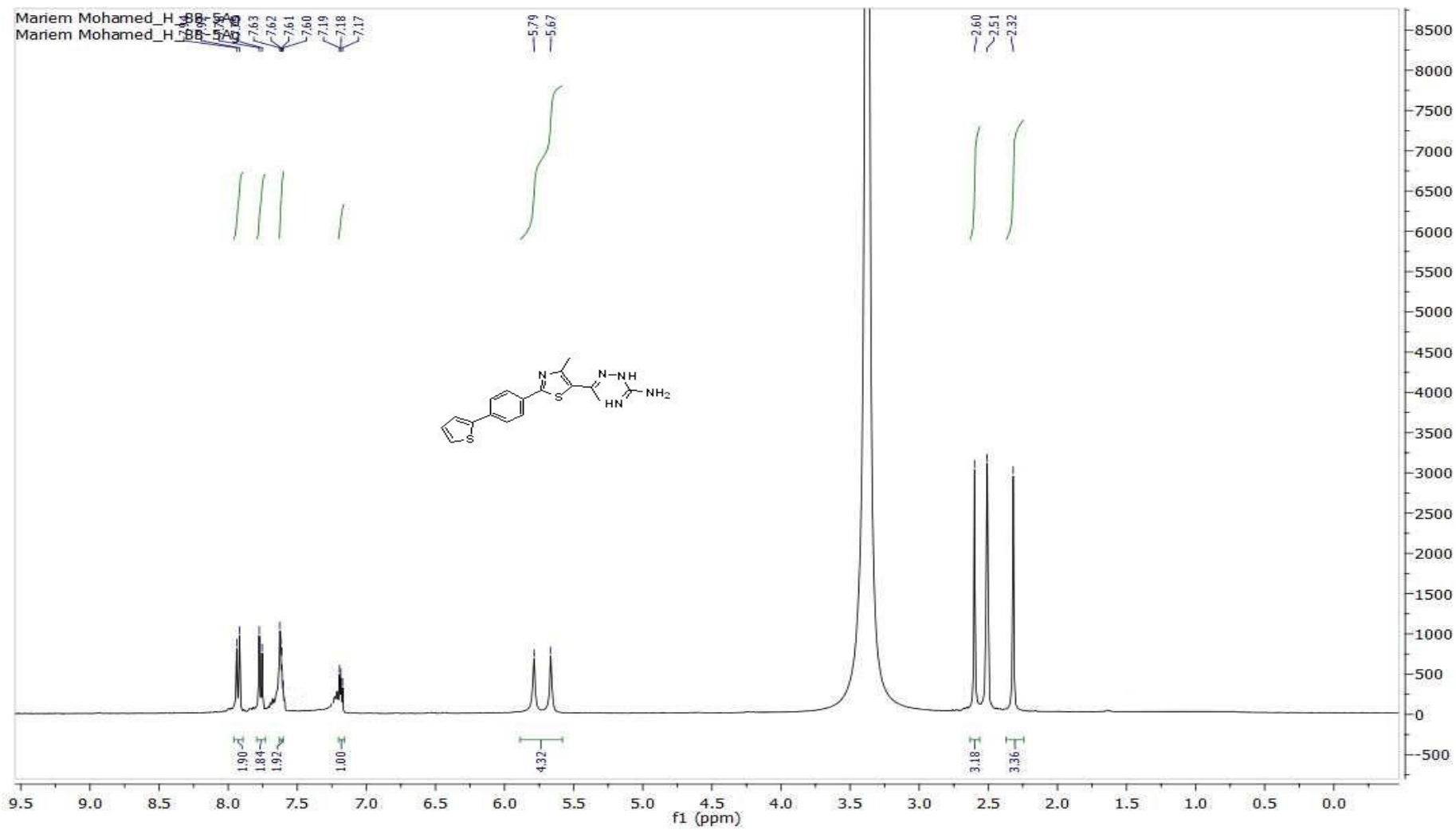


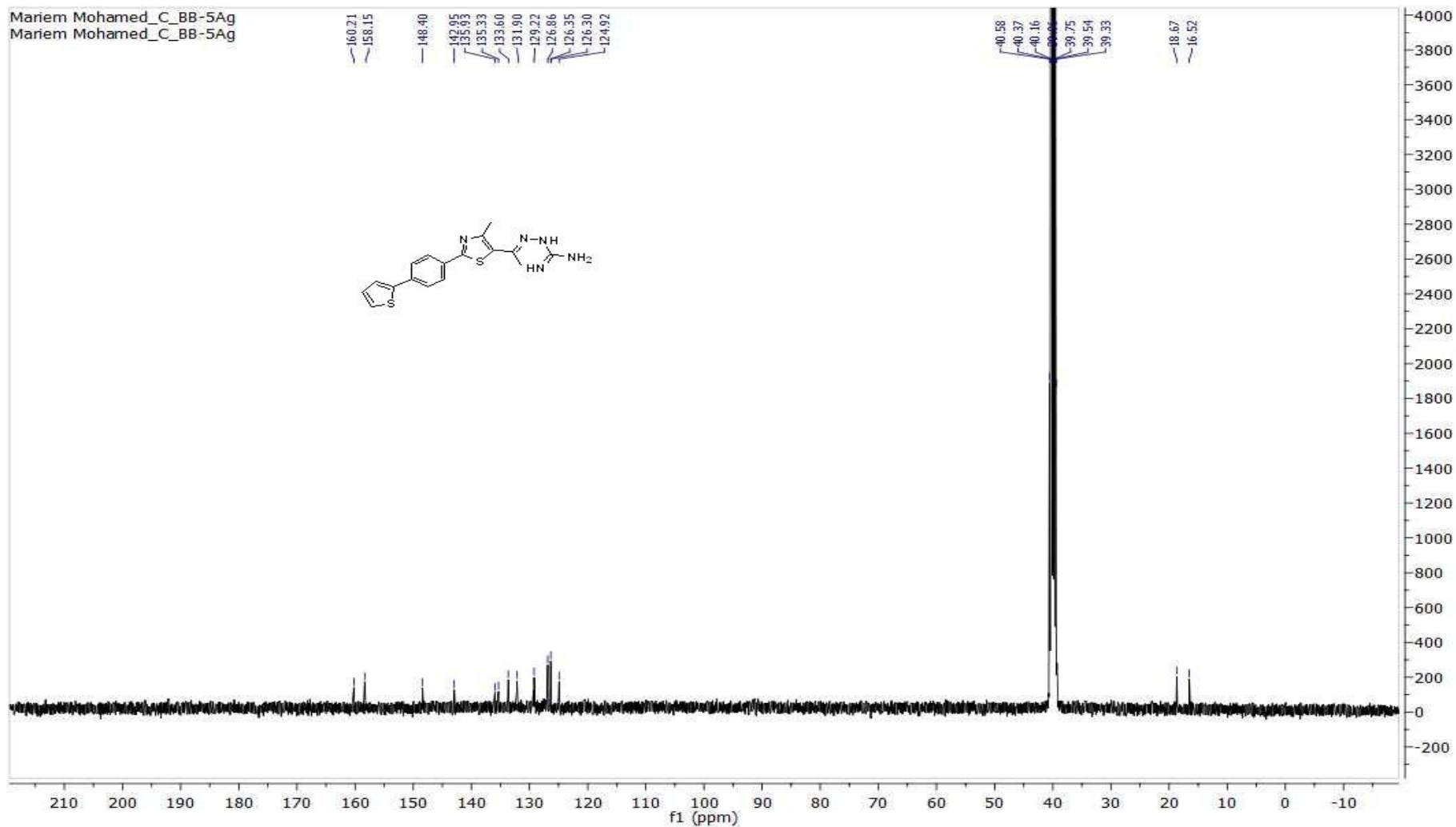


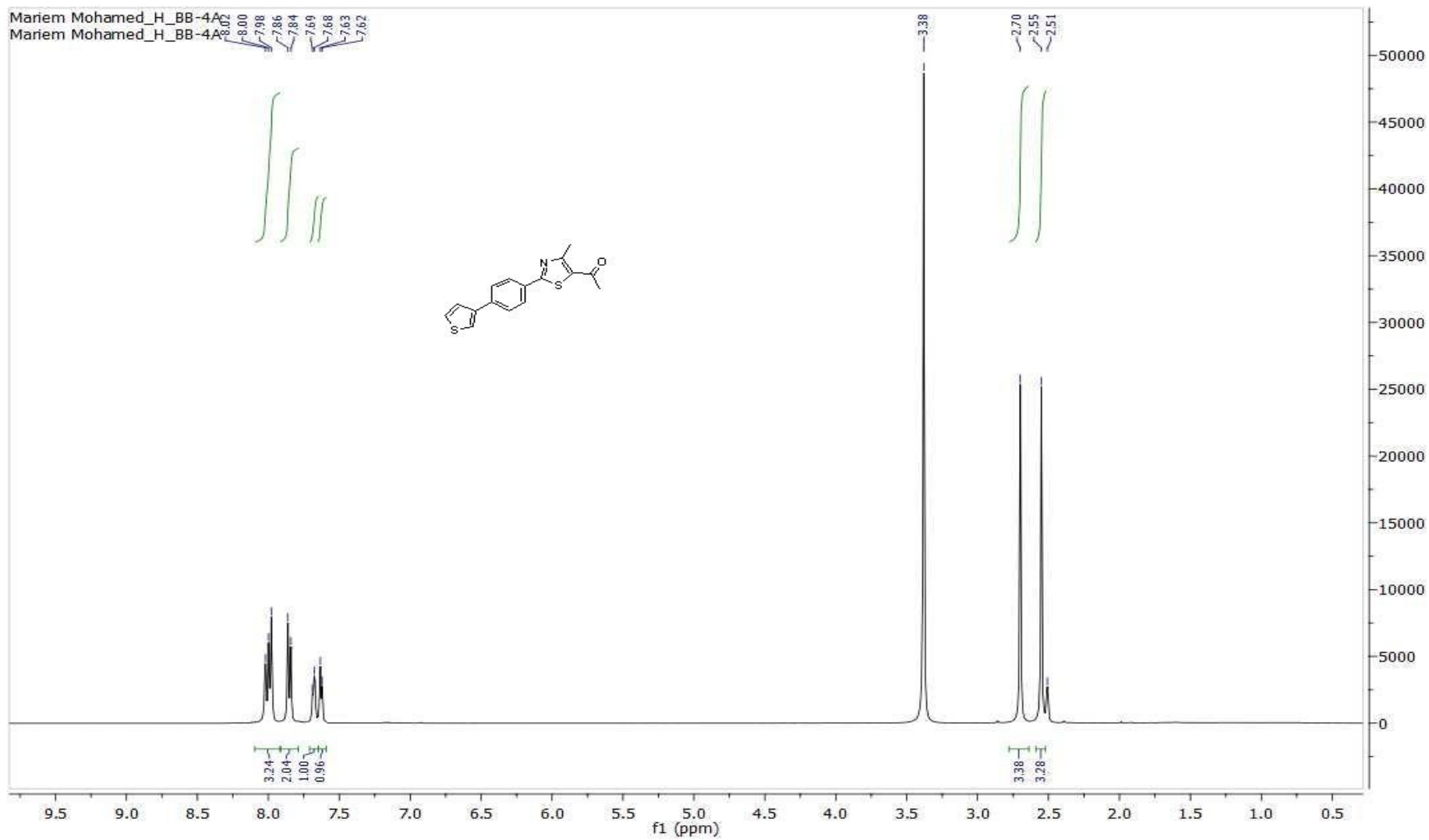


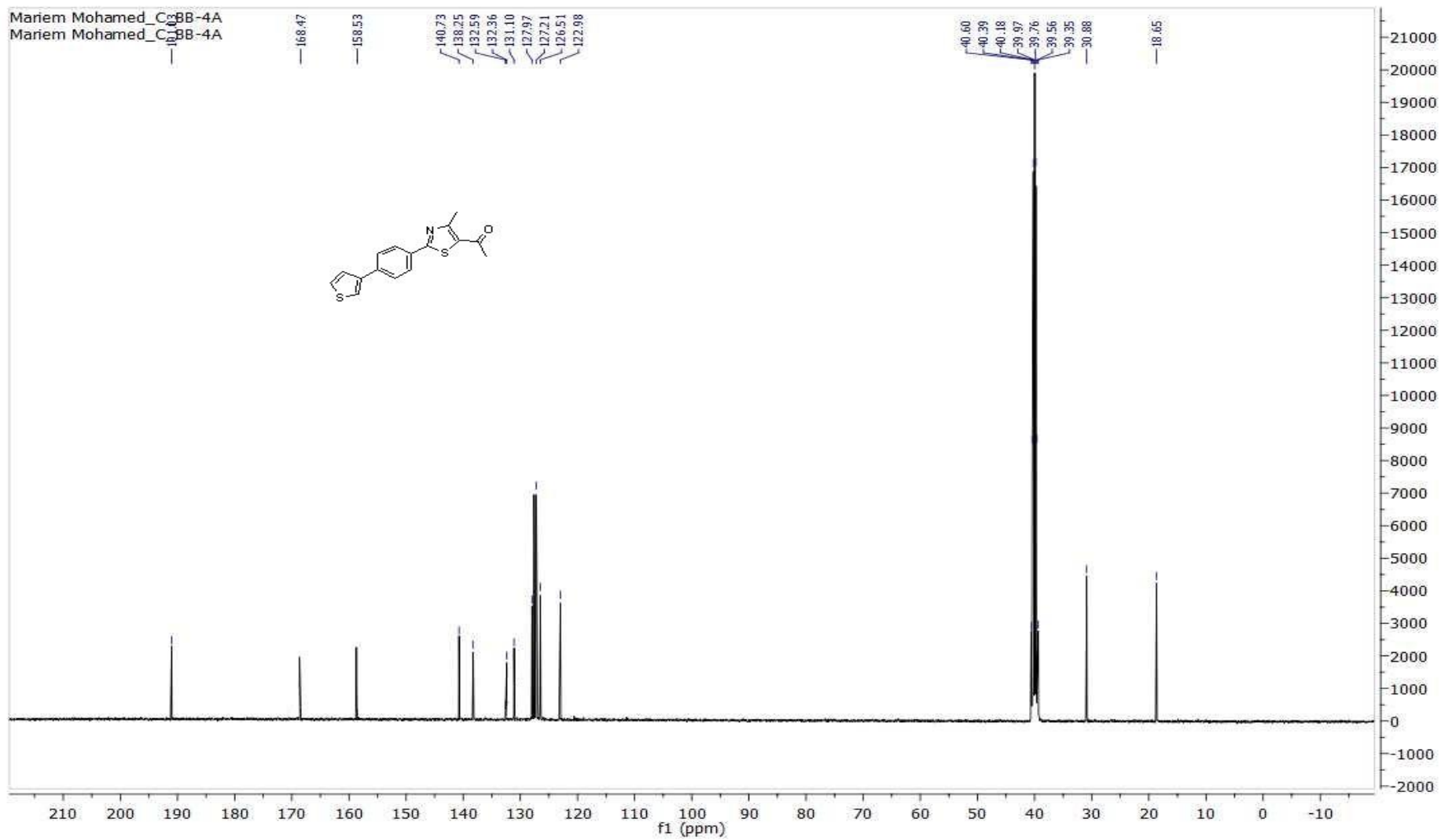


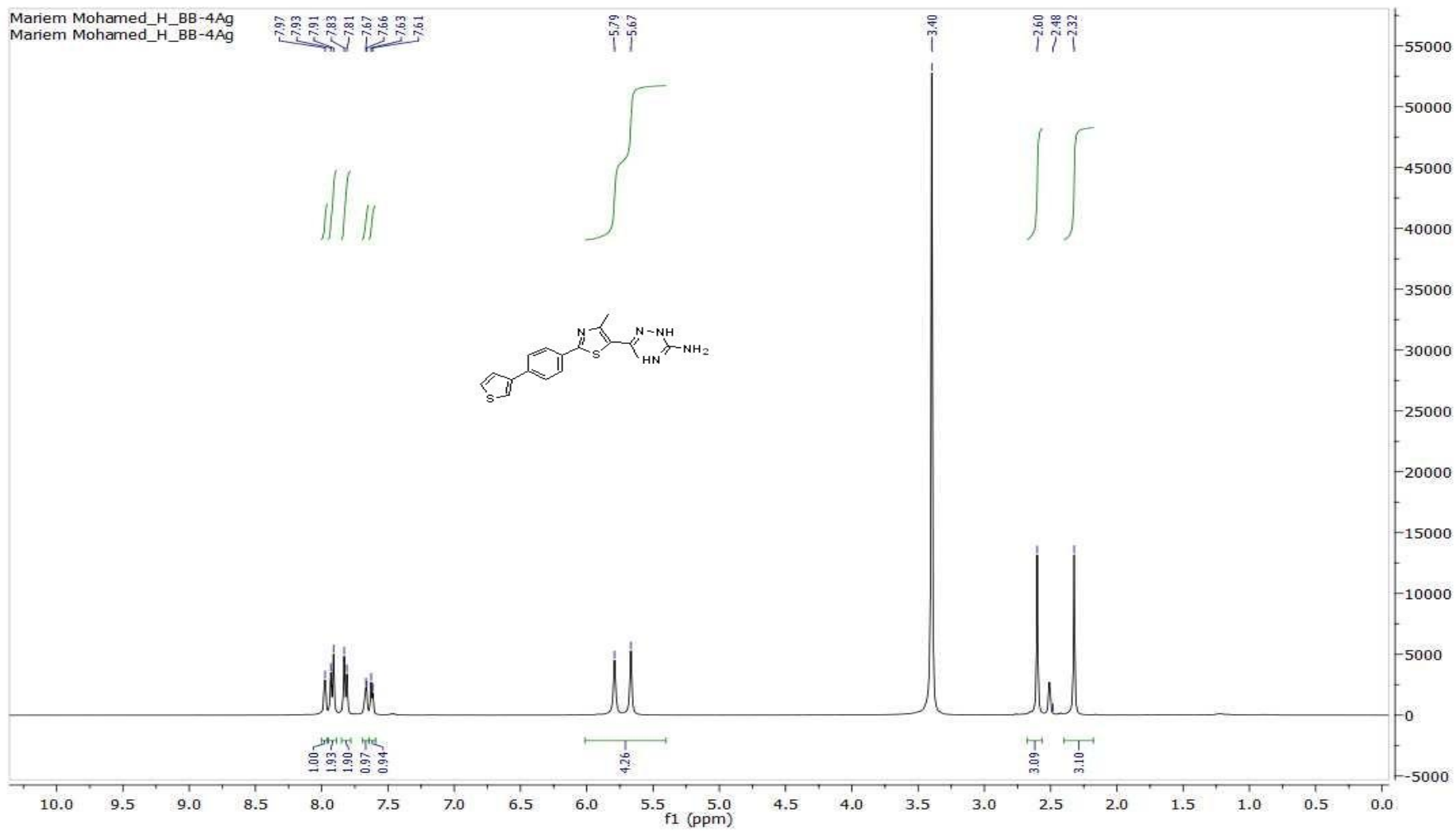


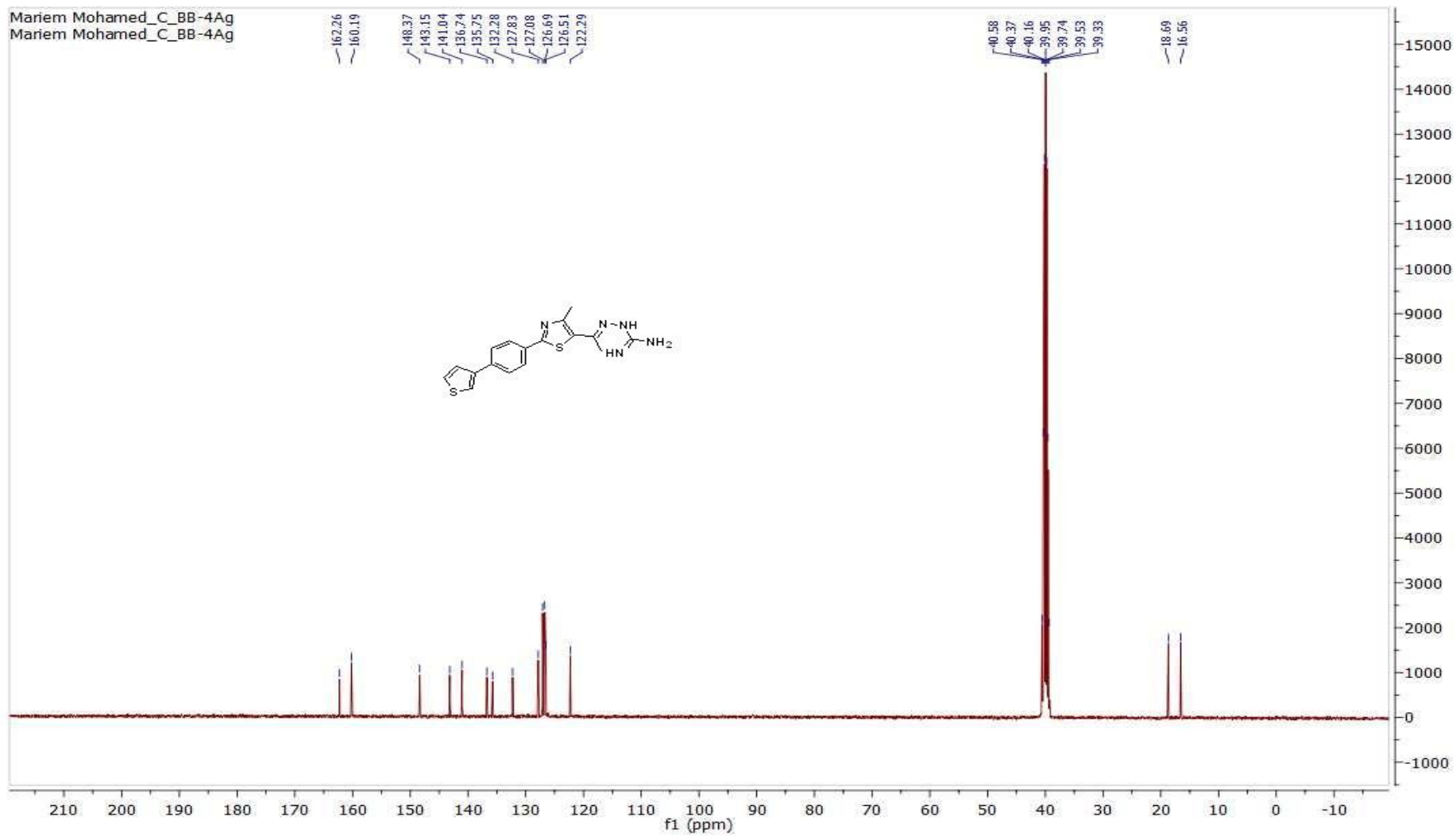


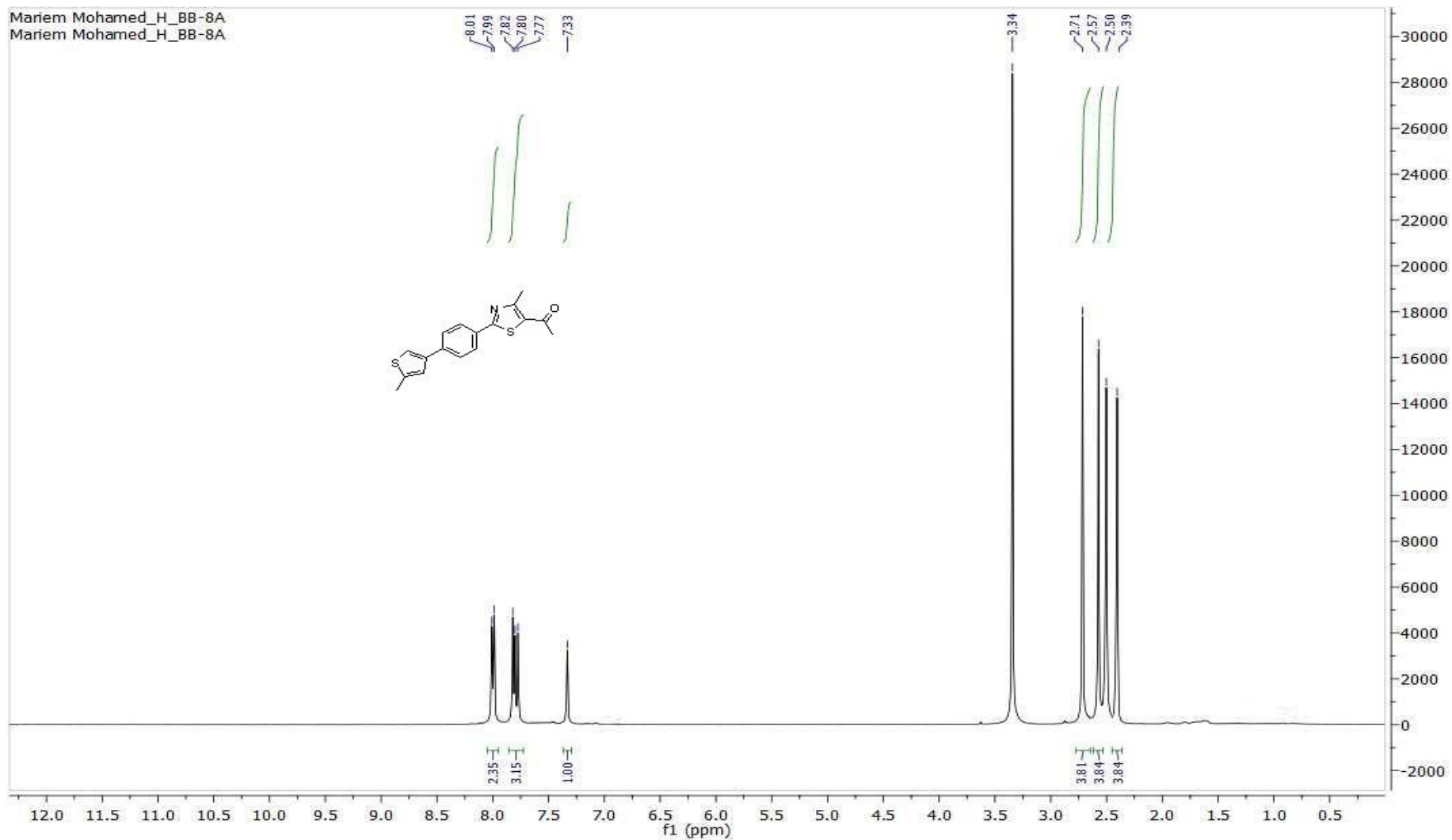


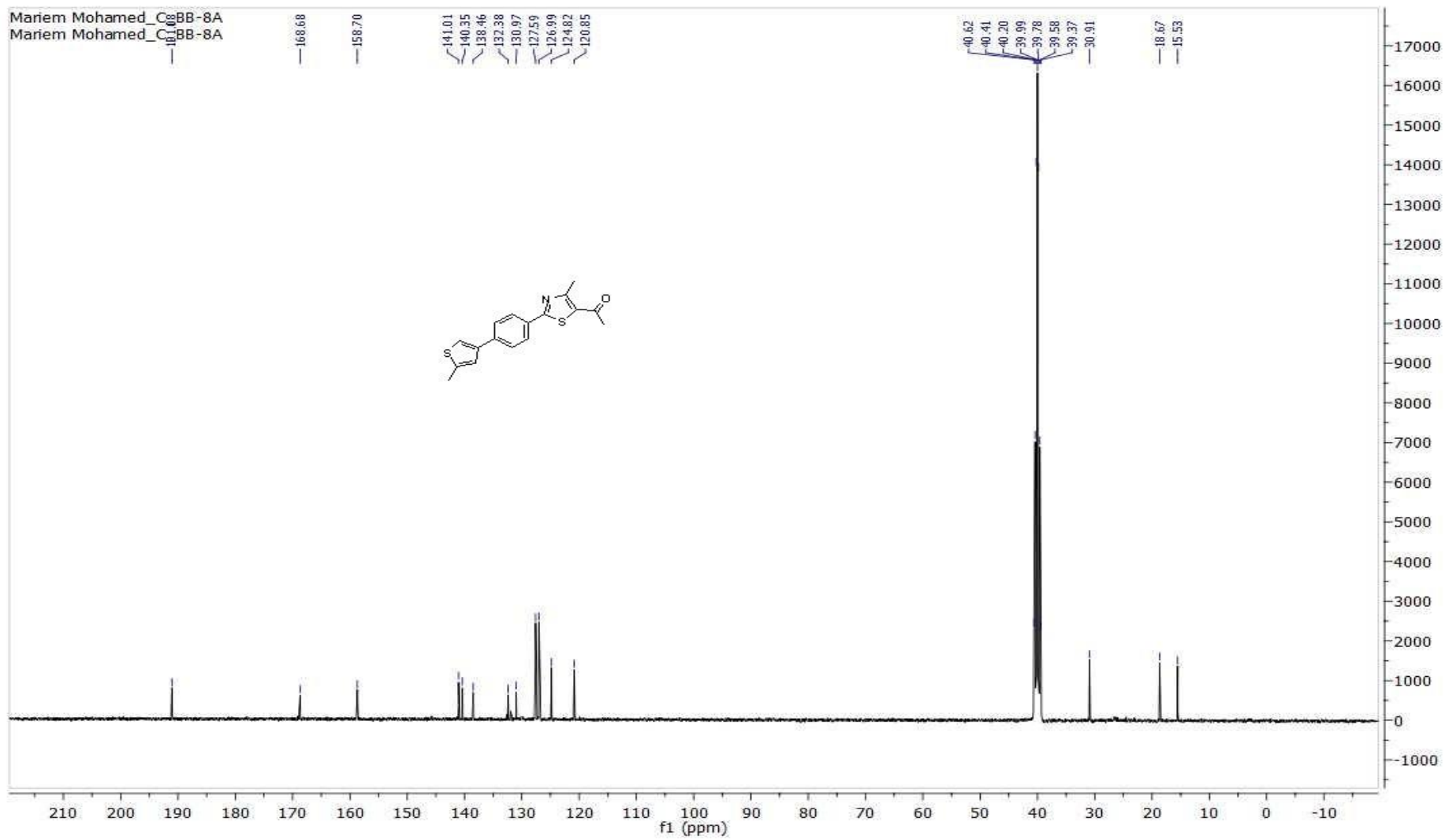


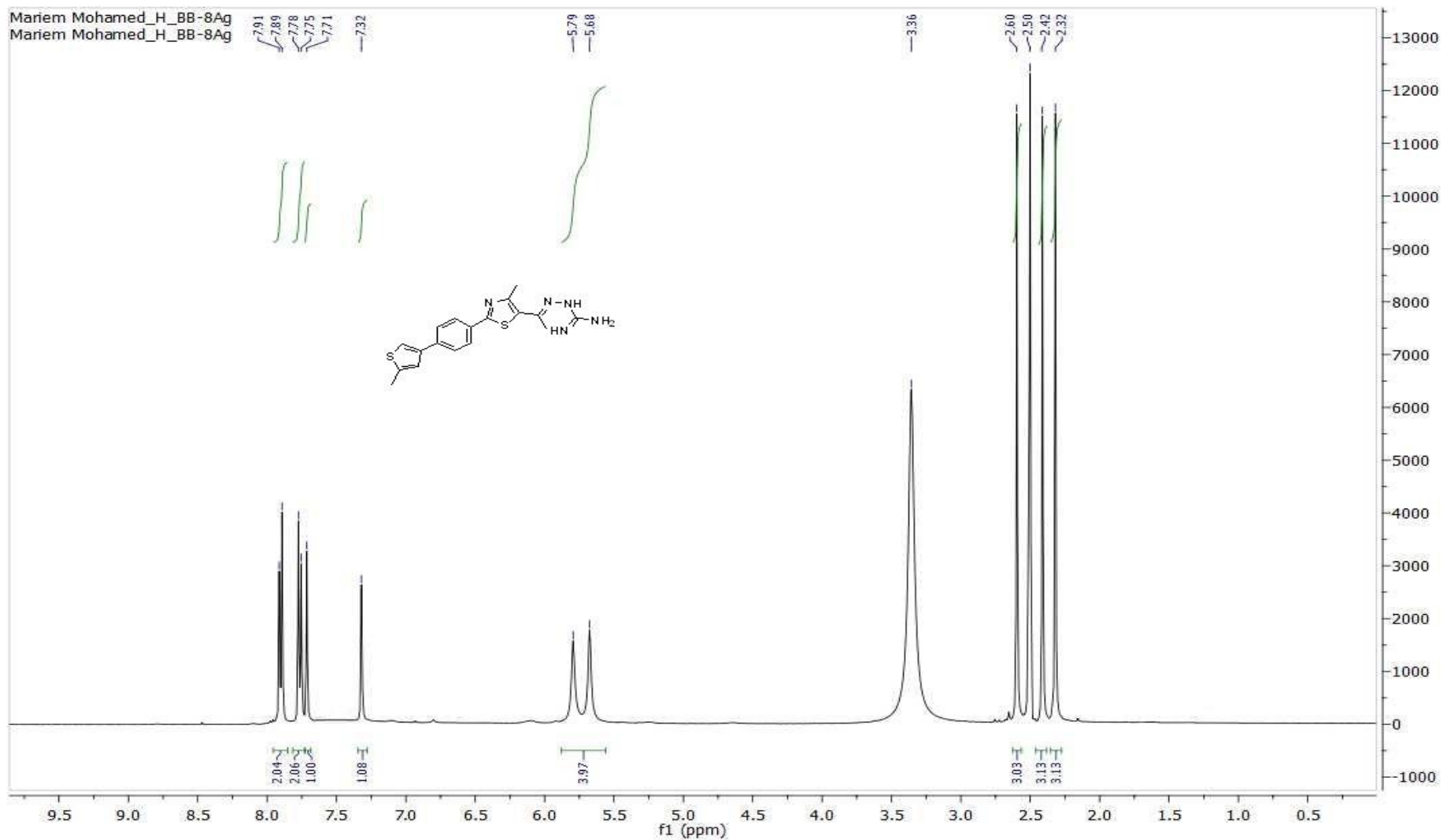


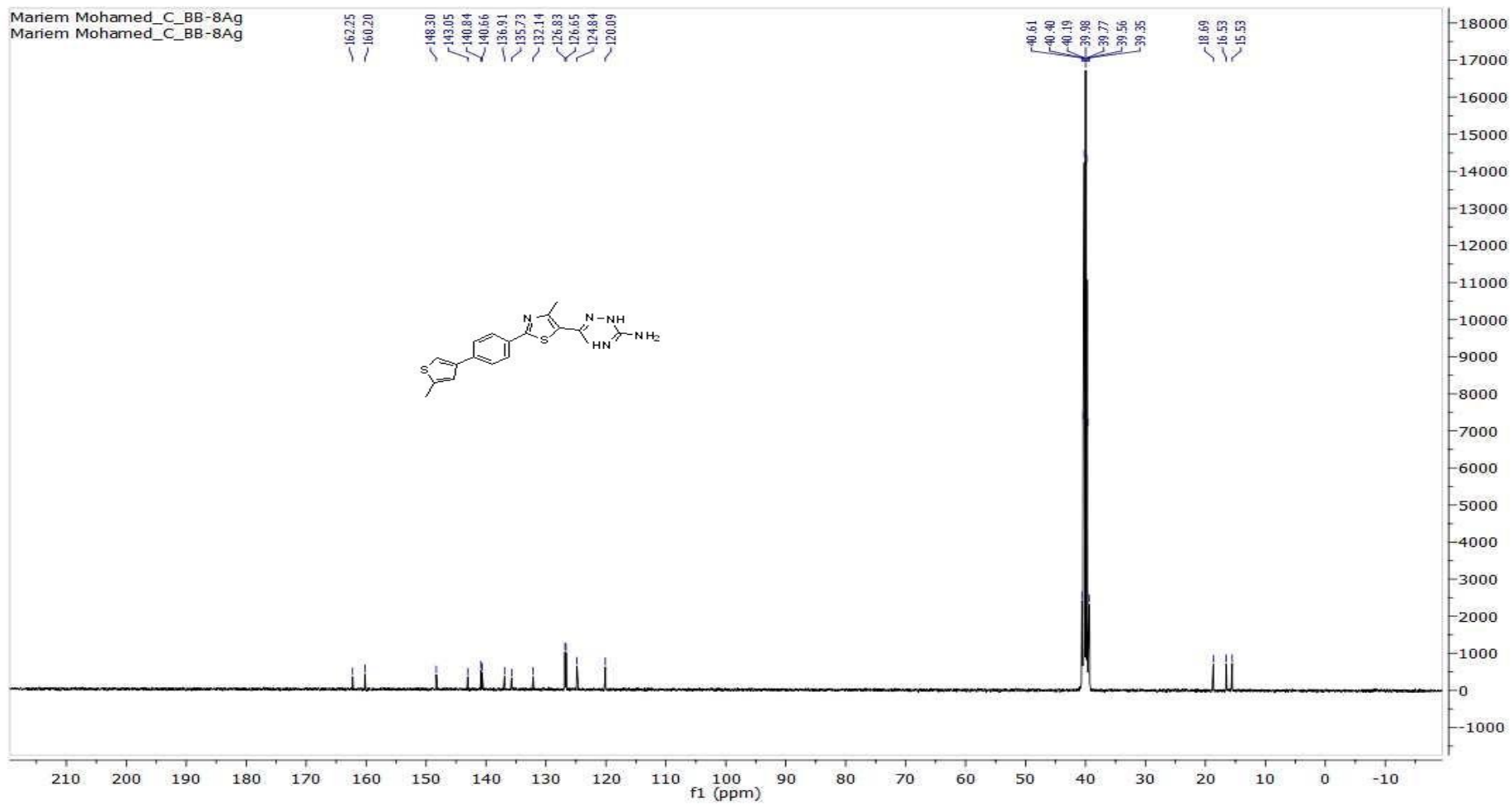


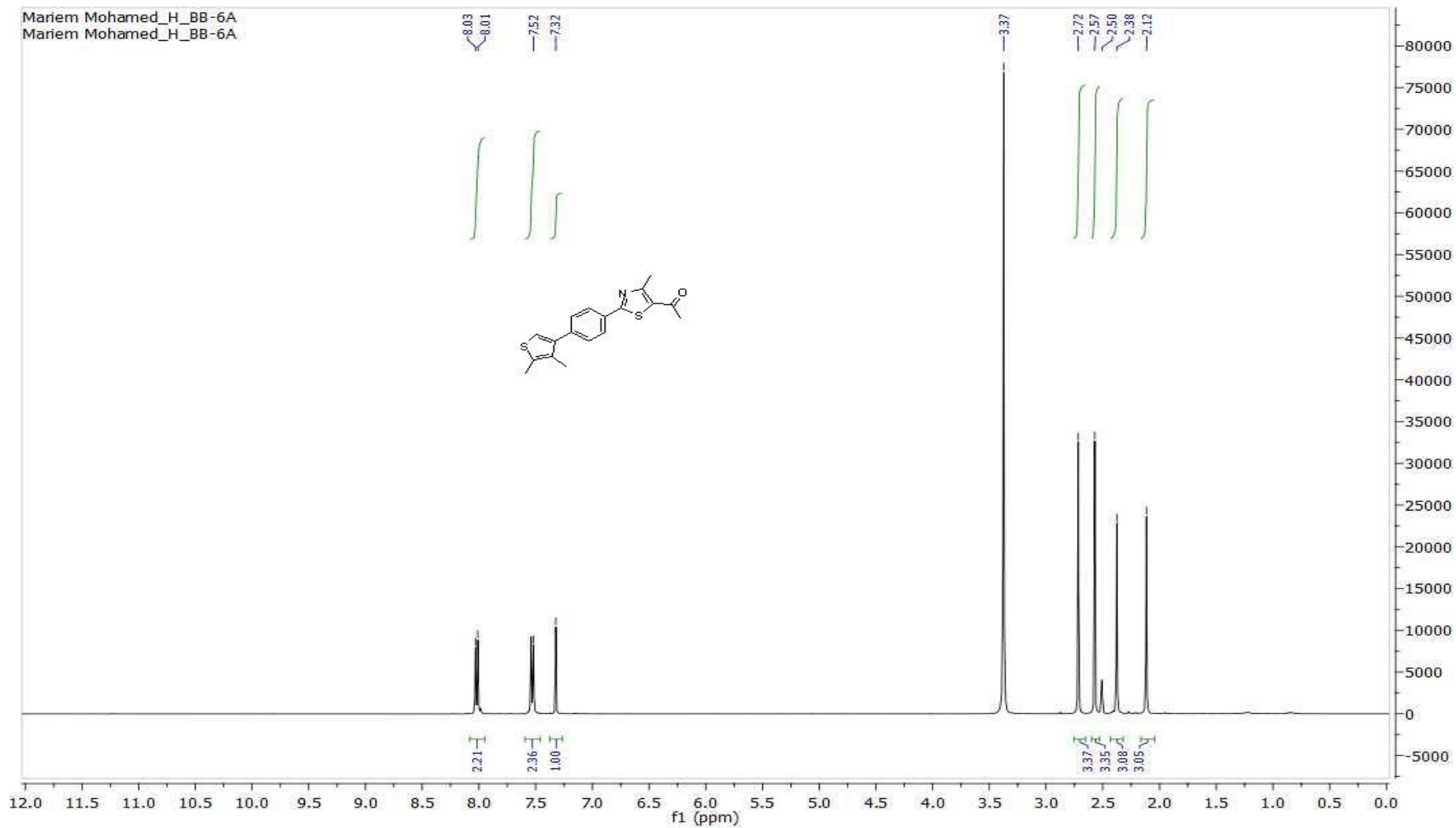


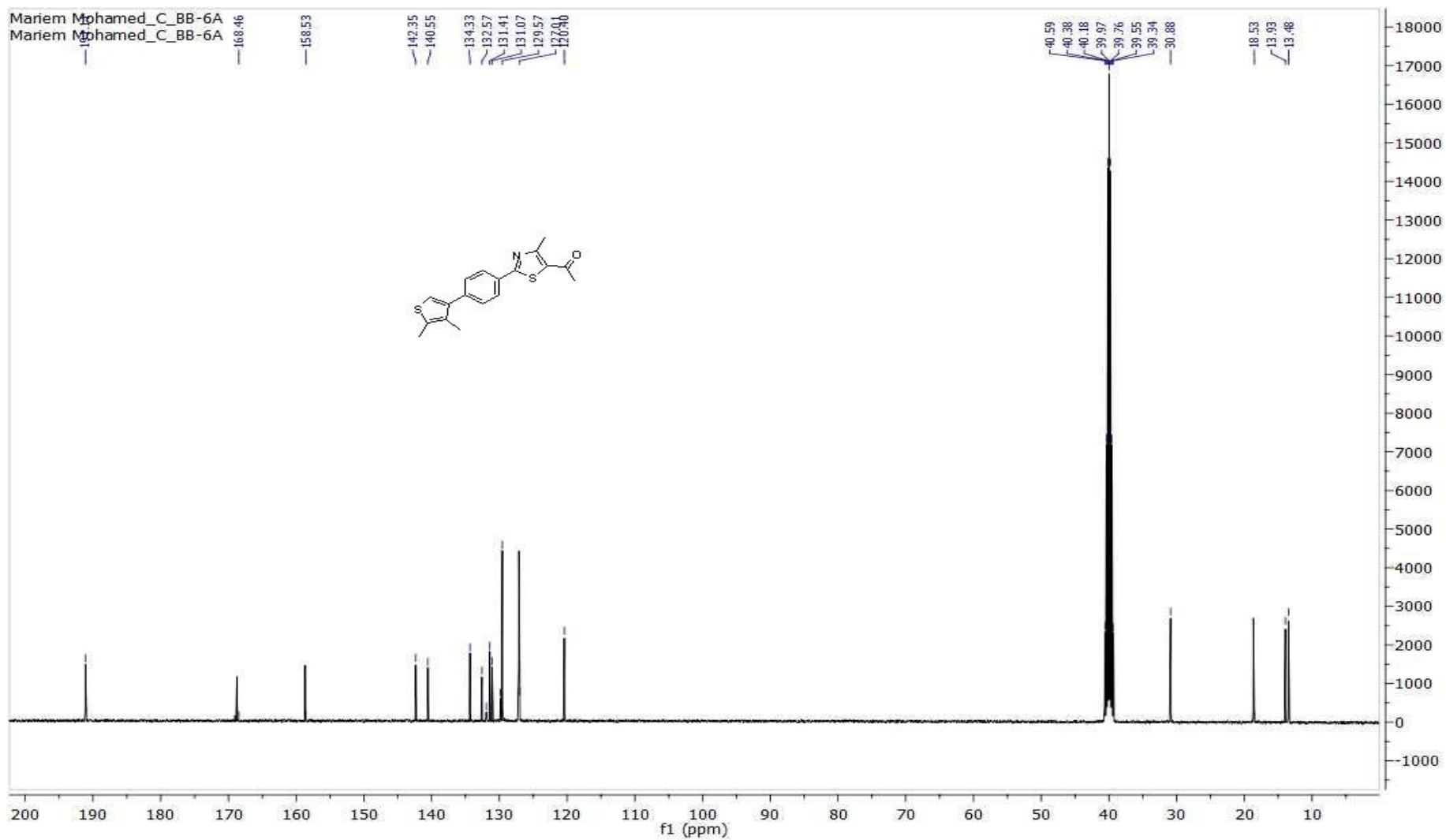


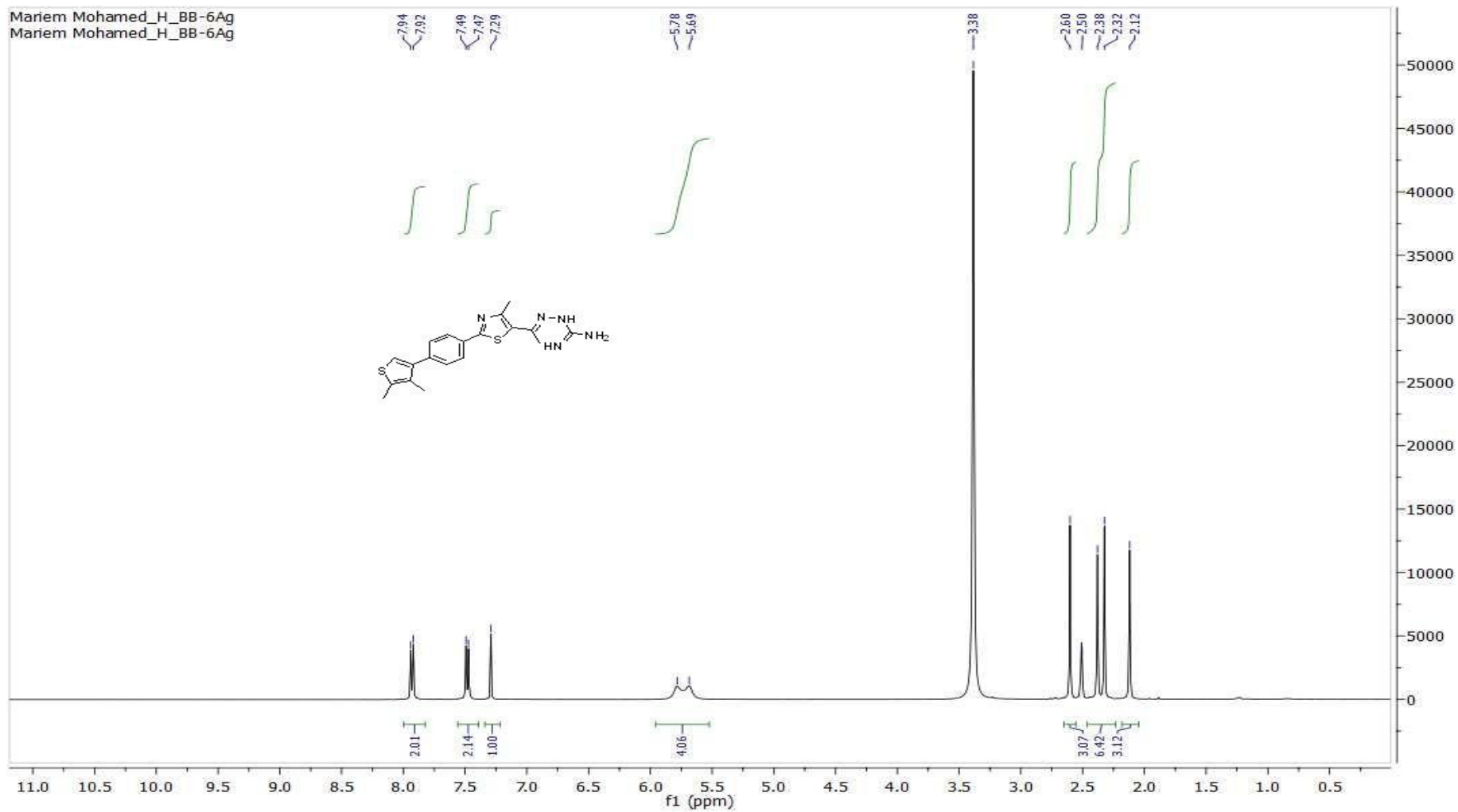


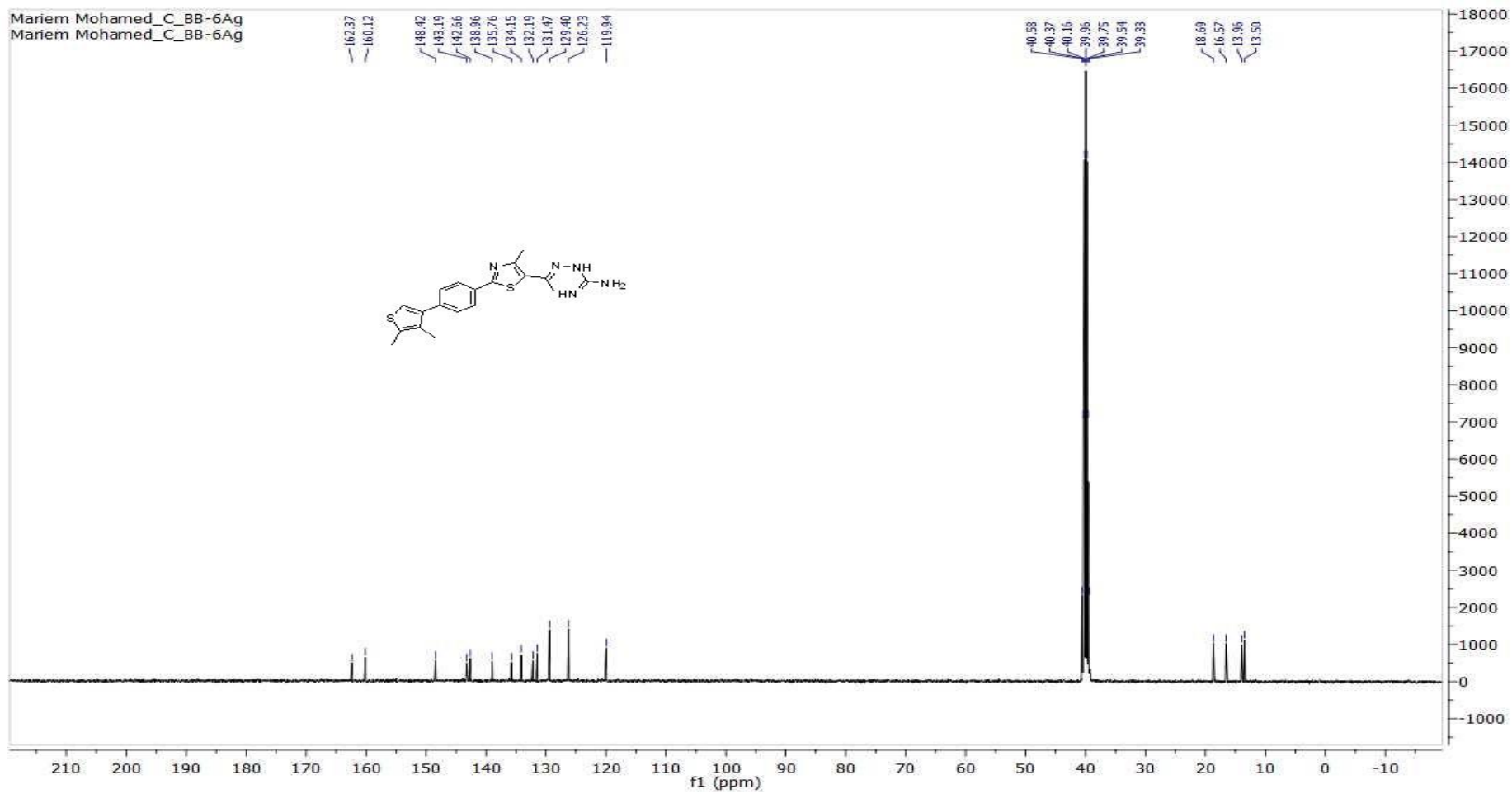












Mariam Mohamed_H_MF0-13

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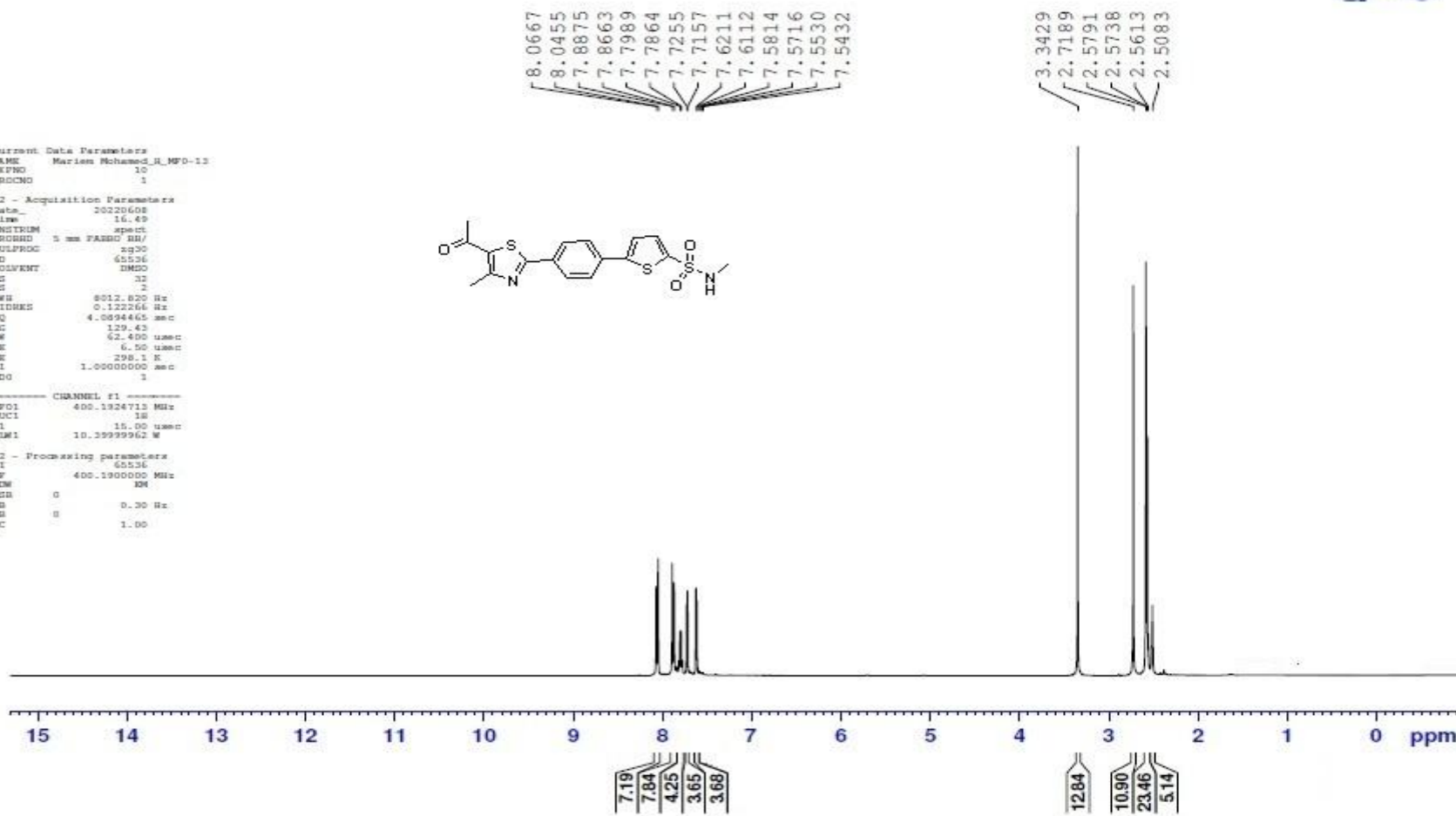
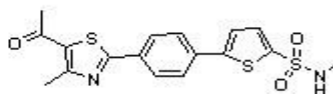


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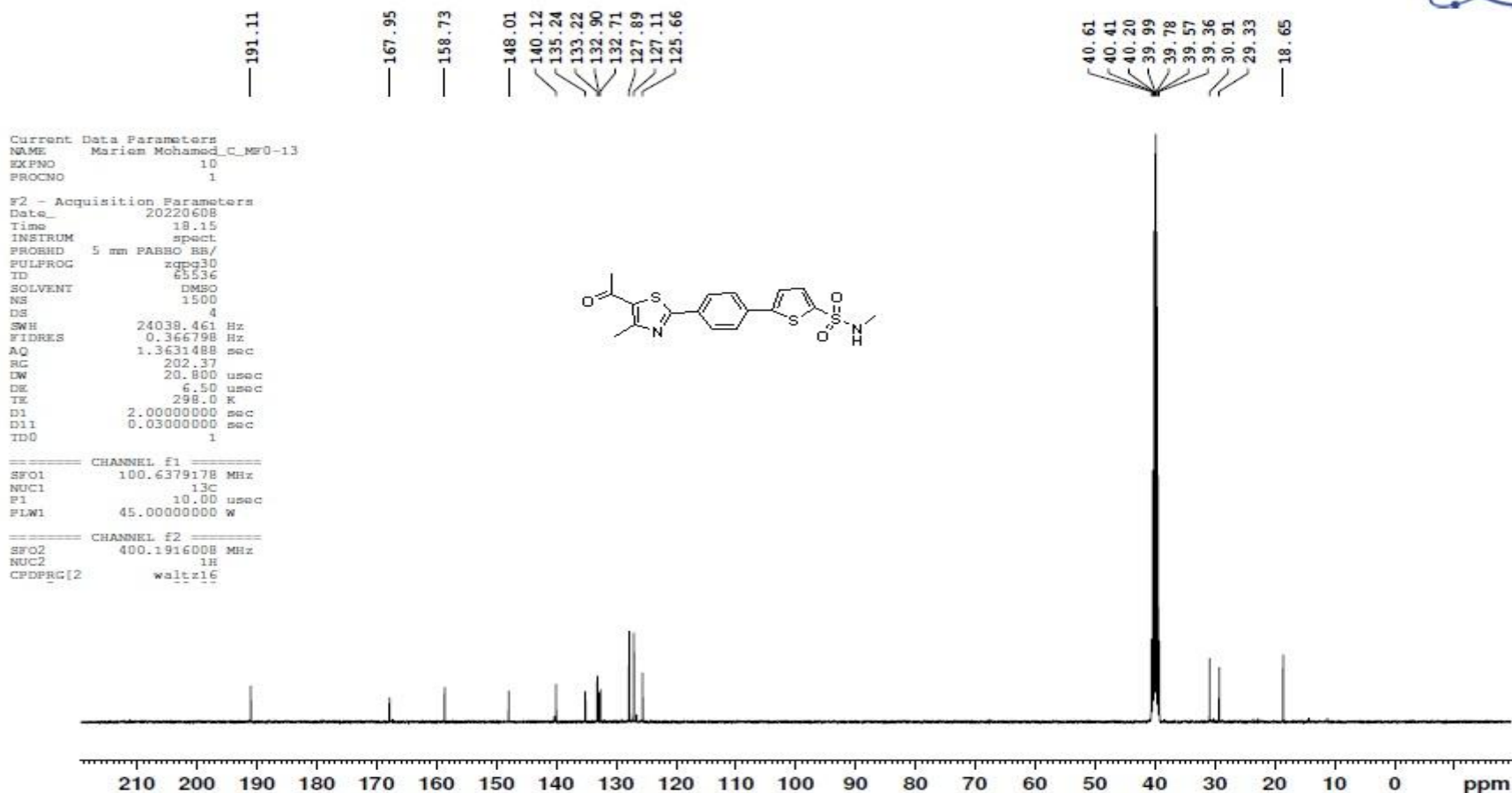
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SM         62.400 usec
SE         6.00 usec
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D1         1.00000000 sec
TDO        1

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PL1        0.00 dB
===== CHANNEL f2 =====
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LB         0.30 Hz
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PC         1.00
    
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Mariam Mohamed_C_MF0-13

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Mariam Mohamed_H_MF0-13-Ag

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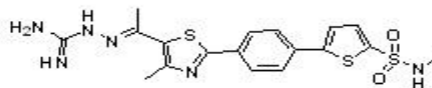


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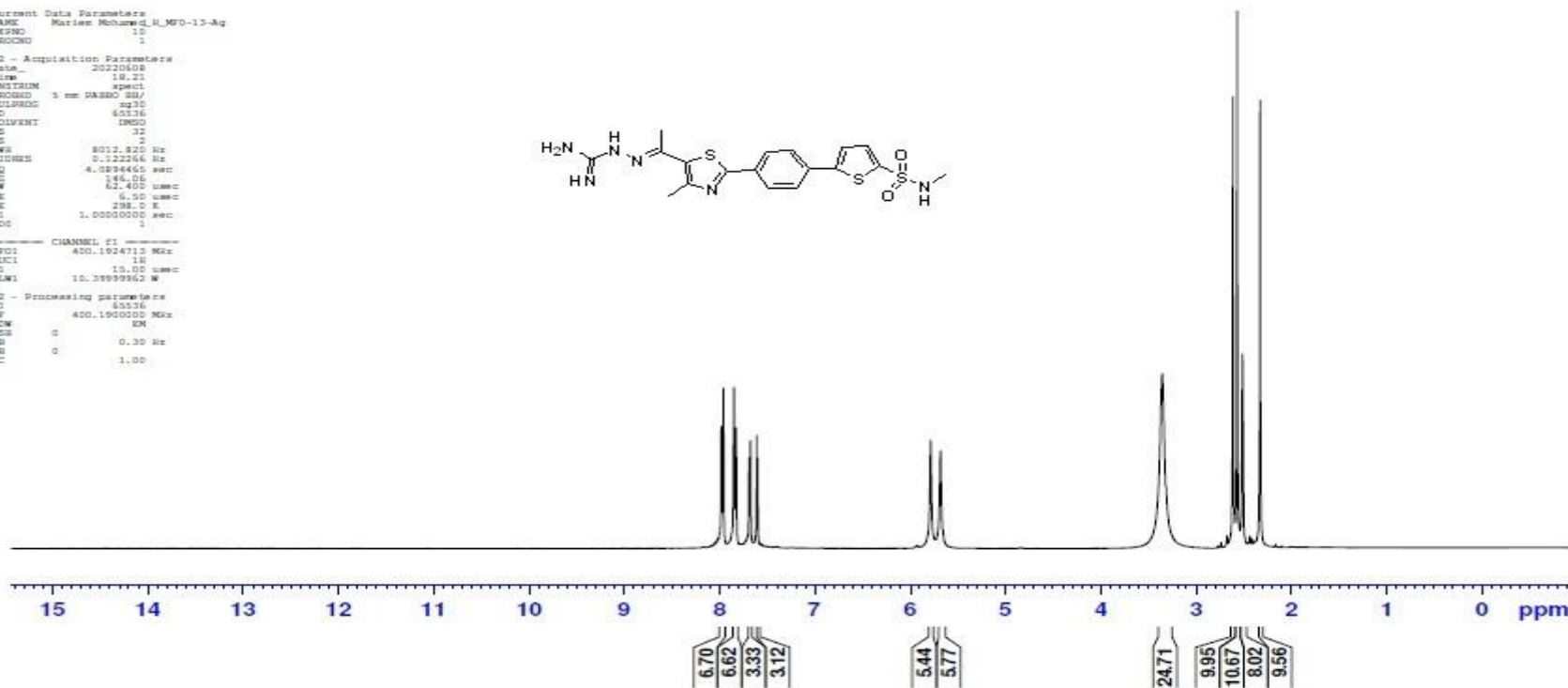
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D1 1.0000000 sec
TD0 1

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Mariam Mohamed_C_MF0-13-Ag

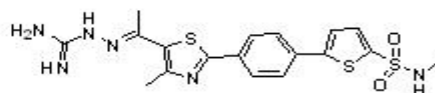
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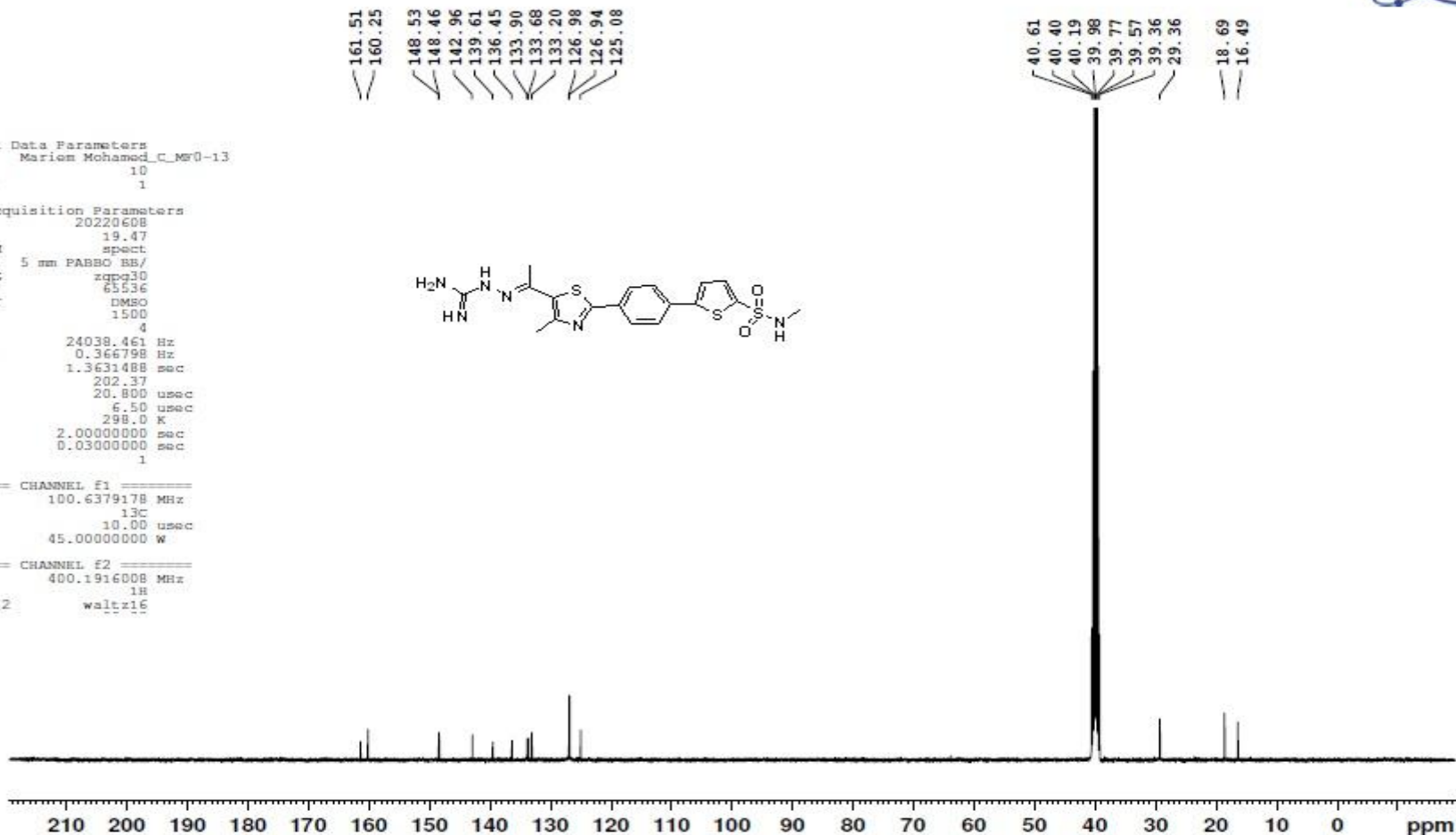
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==== CHANNEL F2 =====
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NUC2 1H
CPDPRG[2] waltz16



Mariam Mohamed_H_MF0-5

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Current Data Parameters
NAME Mariam Mohamed_H_MF0-5
EXPTNO 10
PROCNO 1

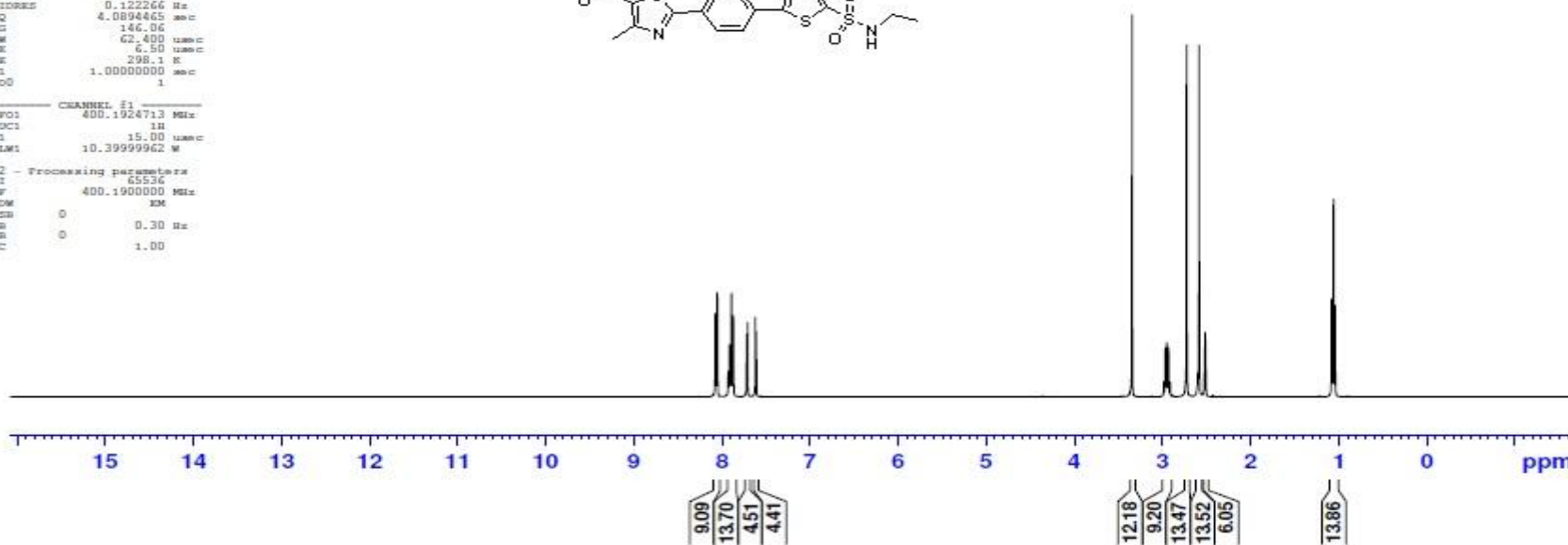
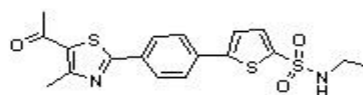
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CHANNEL F1
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1.0354



Mariam Mohamed_C_MF0-5

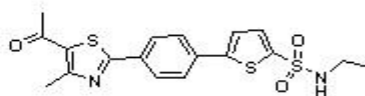
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191.12 167.96 158.73 147.85 141.53 135.27 132.96 132.90 132.68 127.89 127.10 125.63 40.62 40.41 40.20 39.99 39.78 39.57 39.37 38.31 30.91 18.65 15.12

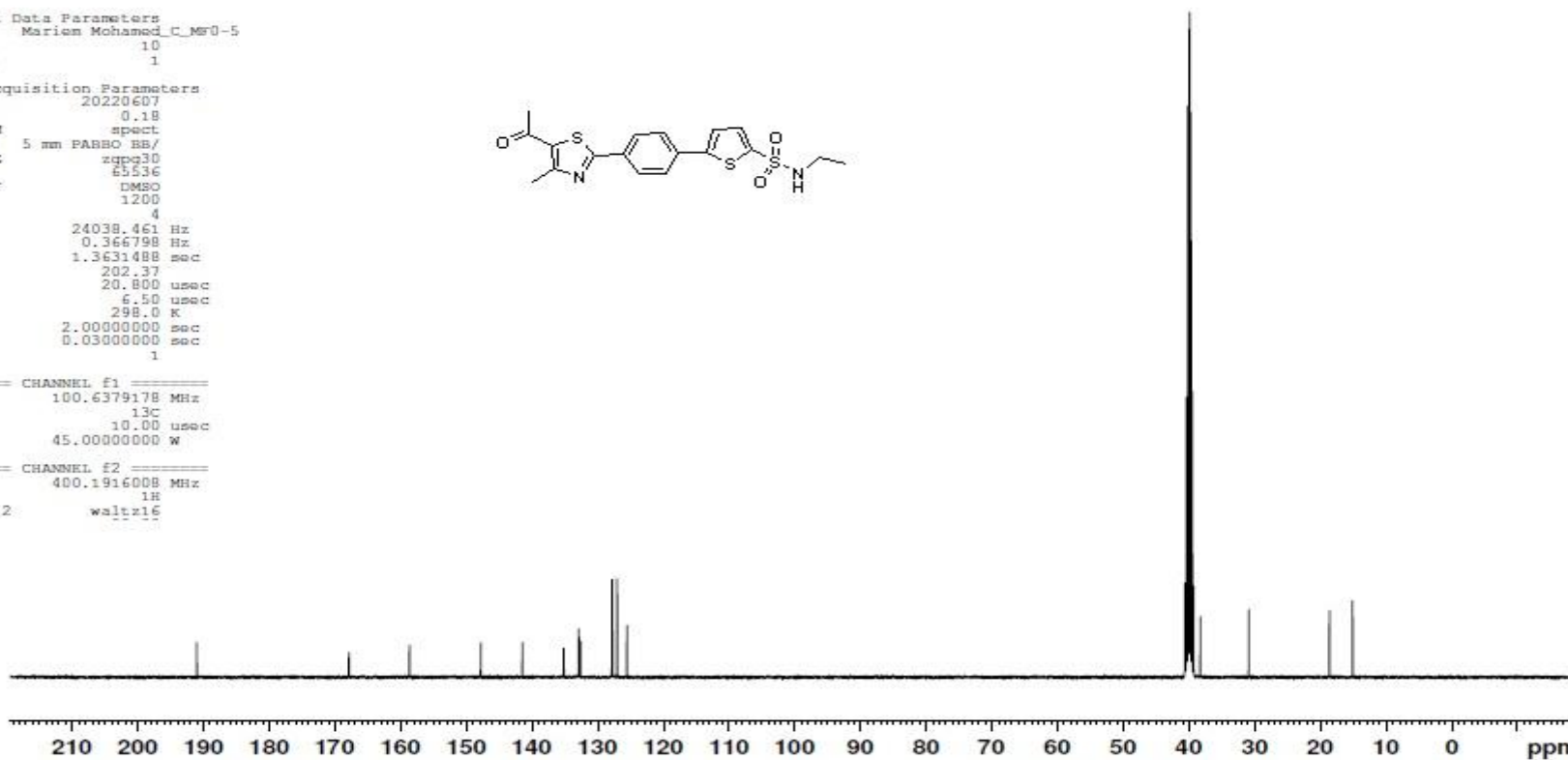
Current Data Parameters
NAME Mariem Mohamed_C_MF0-5
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20220607
Time 0.18
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1200
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631488 sec
RG 202.37
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1



==== CHANNEL F1 =====
SFO1 100.6379178 MHz
NUC1 13C
P1 10.00 usec
PLW1 45.00000000 W

==== CHANNEL F2 =====
SFO2 400.1916008 MHz
NUC2 1H
CPDPRG[2] waltz16



Mariam Mohamed_H_MF0-5-Ag

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7.9708
7.9506
7.8353
7.8151
7.6613
7.6526
7.6025
7.5939
— 5.8932
3.3628
2.9643
2.9478
2.9301
2.9133
2.6062
2.5090
2.3301
1.0690
1.0512
1.0335

Current Data Parameters
NAME: Mariem Mohamed_H_MF0-5-Ag
EXPNO: 10
PROCNO: 1

F2 - Acquisition Parameters

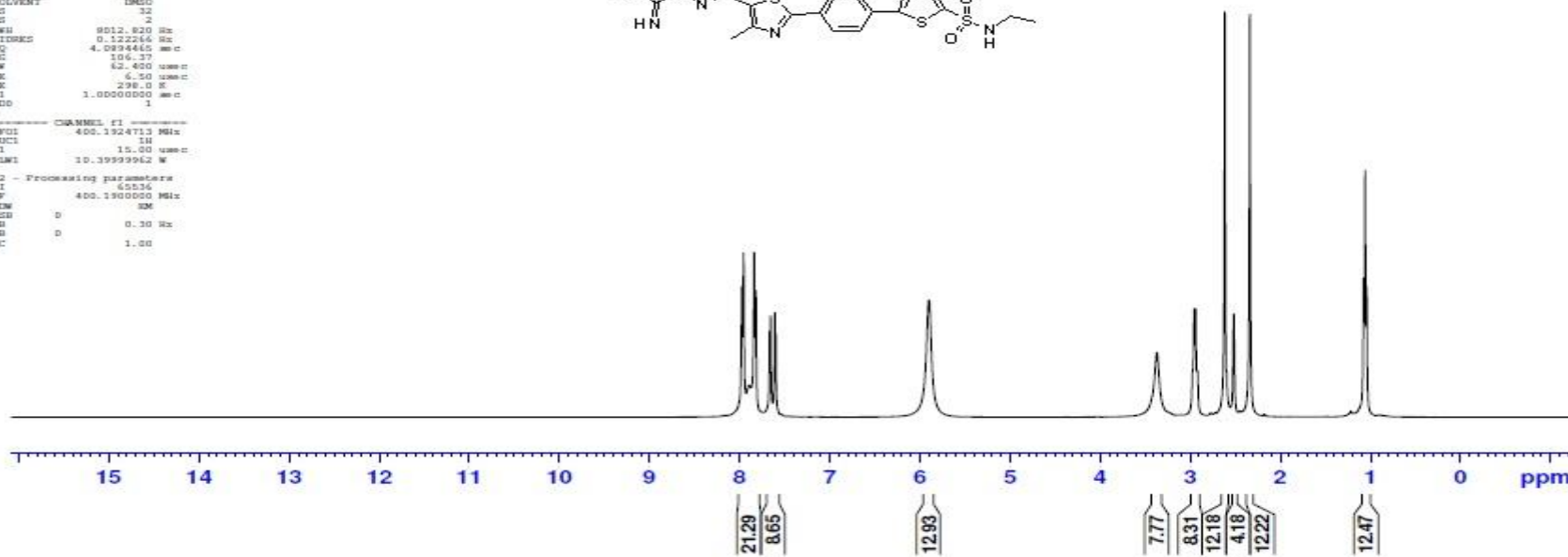
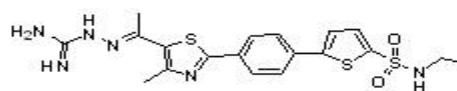
Date_ 20220627
Time 0:24
INSTRUM spect
PROBHD 5 mm VASCO 500
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 32
DS 2
SWH 9012.820 Hz
FIDRES 0.122264 Hz
AQ 4.0294415 sec
RG 104.37
DM 62.400 usec
DE 6.50 usec
TE 298.0 K
SI 1.00000000 sec
TID 1

===== CHANNEL f1 =====

NUC1 400.1924713 MHz
P1 15.00 usec
PL1 10.39999962 W

F2 - Processing parameters

SI 65536
SF 400.1900000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



Mariam Mohamed_C_MF0-5-Ag

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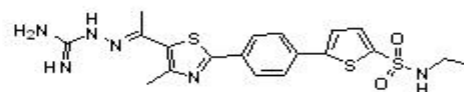


161.73
159.93
148.90
148.32
143.34
140.95
136.06
133.83
133.74
132.96
125.04

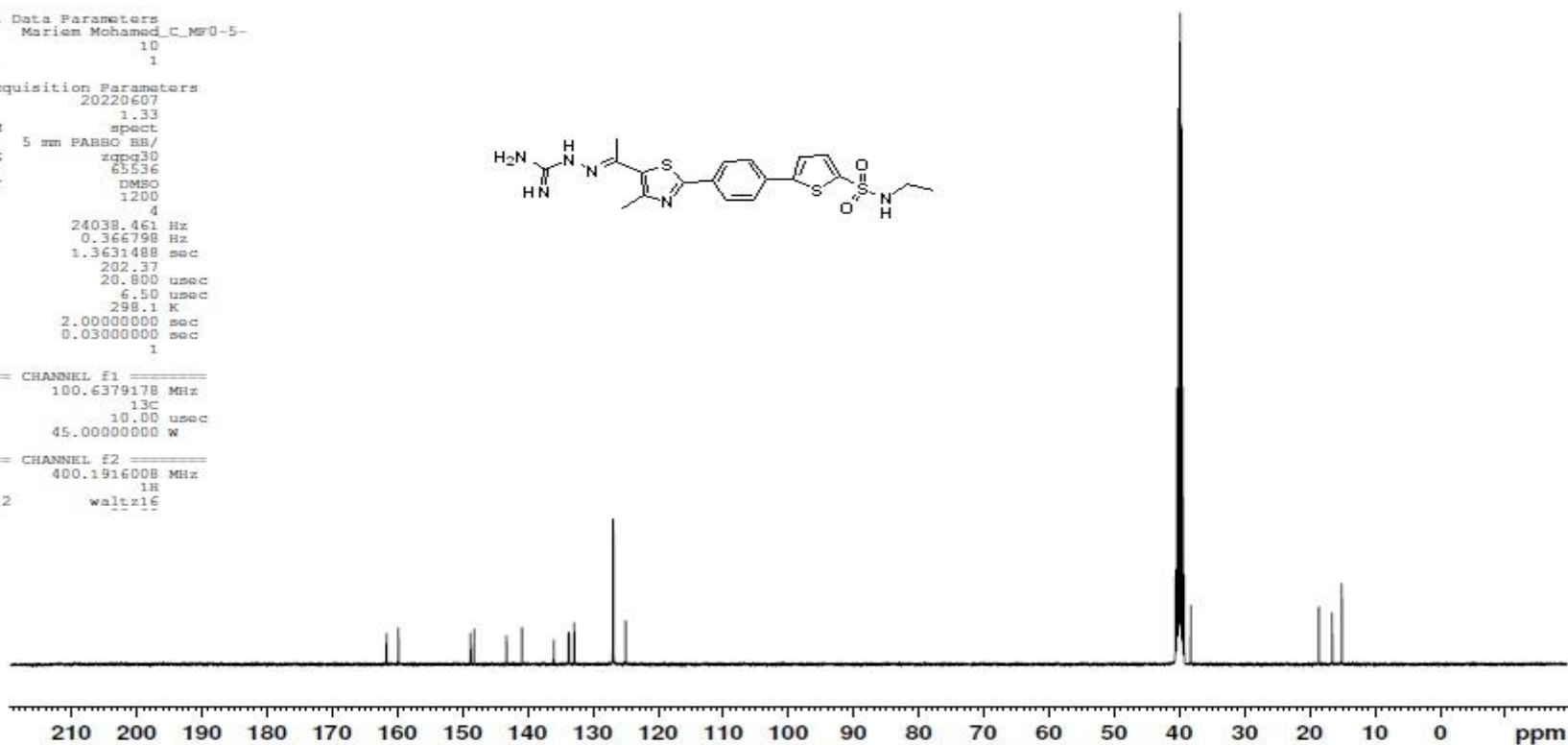
40.61
40.40
40.19
39.98
39.77
39.57
39.36
38.32
18.69
16.64
15.12

Current Data Parameters
NAME Mariem Mohamed_C_MF0-5-
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20220607
Time 1.33
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1200
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631488 sec
RG 202.37
RW 20.800 usec
DE 6.50 usec
TE 298.1 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1



==== CHANNEL F1 =====
SFO1 100.6379178 MHz
NUC1 13C
P1 10.00 usec
PLW1 45.00000000 W
==== CHANNEL F2 =====
SFO2 400.1916008 MHz
NUC2 1H
CPDPRG[2] waltz16



Mariam Mohamed_H_MF0-7

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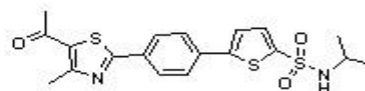
```

Current Data Parameters
NAME: Mariam Mohamed_H_MF0-7
EXPNO: 10
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20220608
Time: 13.44
INSTRUM: spect
PROBHD: 5 mm PABBO BH/
PULPROG: zgpg30
TD: 65536
SOLVENT: DMSO
NS: 32
DS: 2
SWH: 8012.820 Hz
FIDRES: 0.122266 Hz
AQ: 4.0894465 sec
RG: 114.95
DM: 62.400 usec
DE: 6.50 usec
TE: 298.1 K
D1: 1.00000000 sec
TDO: 1

CHANNEL f1
NUC1: 13C
P1: 15.00 usec
PL1: 10.39999962 W

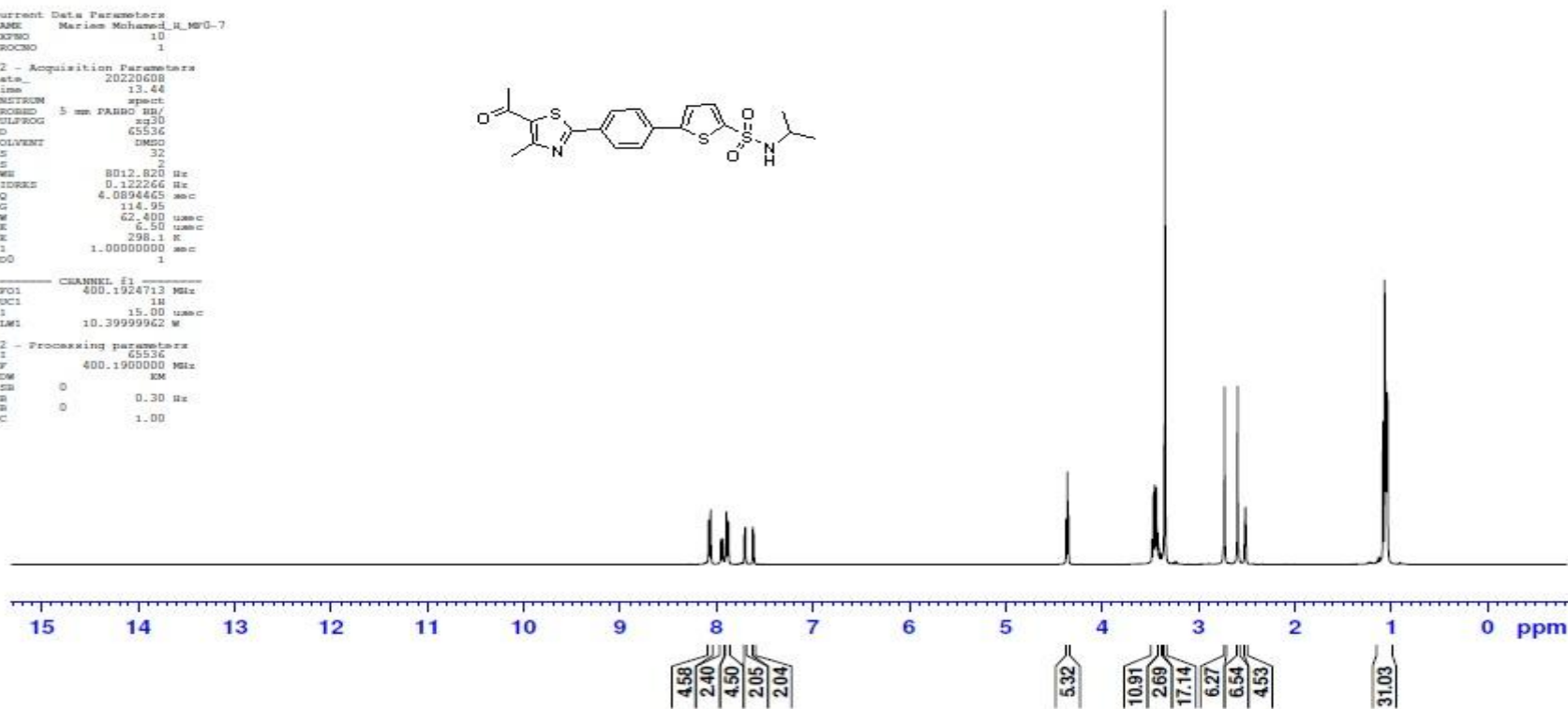
F2 - Processing parameters
SI: 65536
SF: 400.1900000 MHz
WDW: RM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00
    
```



8.0781
8.0571
7.9505
7.9324
7.8939
7.8731
7.7064
7.6966
7.6197
7.6100

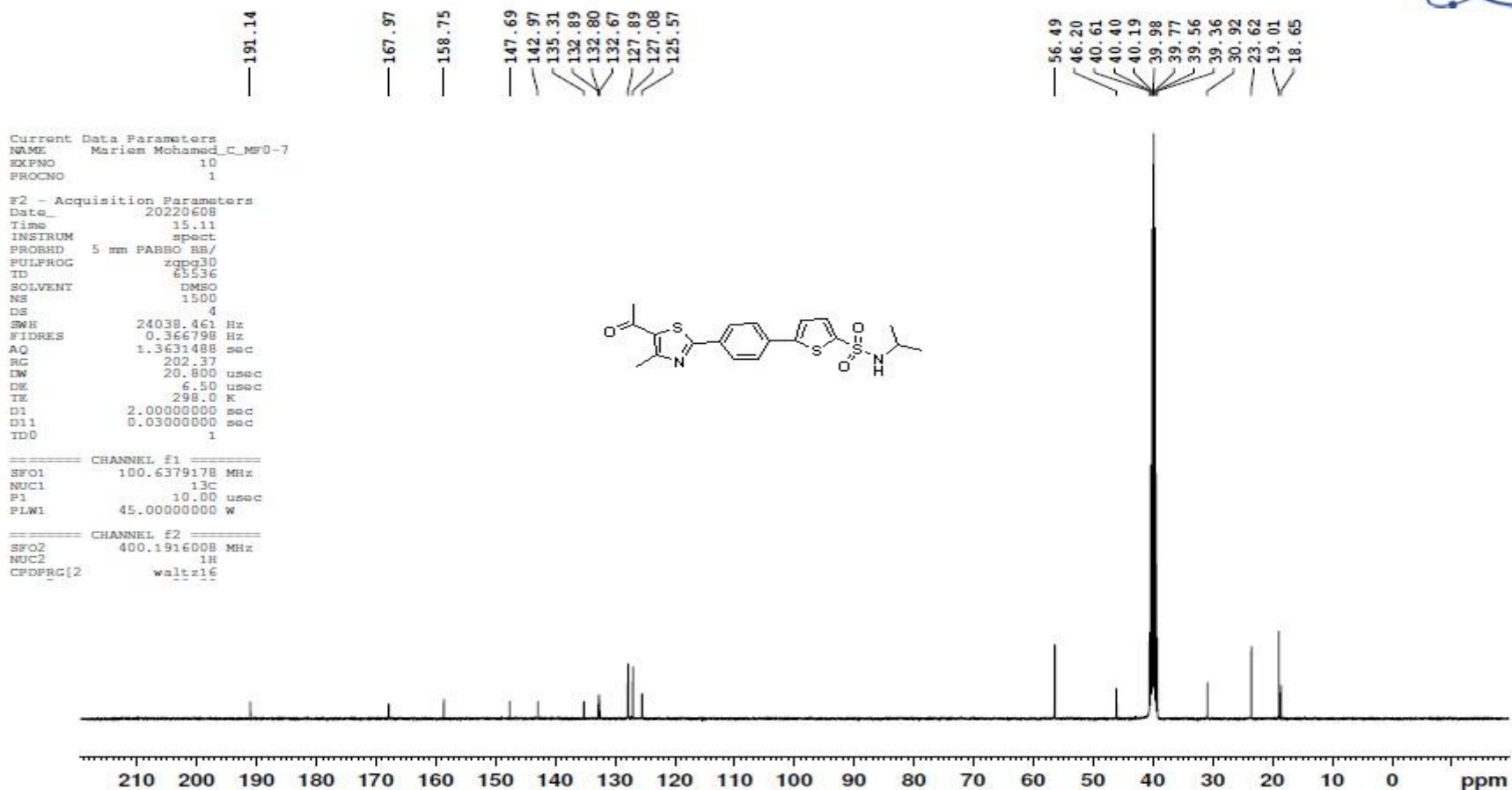
4.3679
4.3552
4.3426
4.4622
3.4494
3.4448
3.4320
3.3440
2.7265
2.5870
2.5083

1.0788
1.0613
1.0518
1.0438
1.0355



Mariam Mohamed_C_MF0-7

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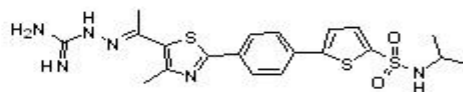


Mariam Mohamed_H_MF0-7-Ag

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Current Data Parameters
NAME: Mariem Mohamed_H_MF0-7-Ag
EXPNO: 10
PROCNO: 1
F2 - Acquisition Parameters
Date_: 20220609
Time: 15.17
INSTRUM: spect
PROBHD: 5 mm VAGG0 1H/1
PULPROG: zgpg30
TD: 65536
SOLVENT: DMSO
NS: 32
DS: 2
SWH: 8012.820 Hz
FIDRES: 0.122266 Hz
AQ: 4.0924465 sec
RG: 146.06
DM: 82.400 usec
DE: 6.50 usec
TE: 298.0 K
SI: 1.0000000 sec
TD0: 1
----- CHANNEL f1 -----
SF01: 400.1524713 MHz
NUC1: 1H
P1: 15.00 usec
PLW1: 10.39999962 W
F2 - Processing parameters
SI: 65536
SF: 400.1500000 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00

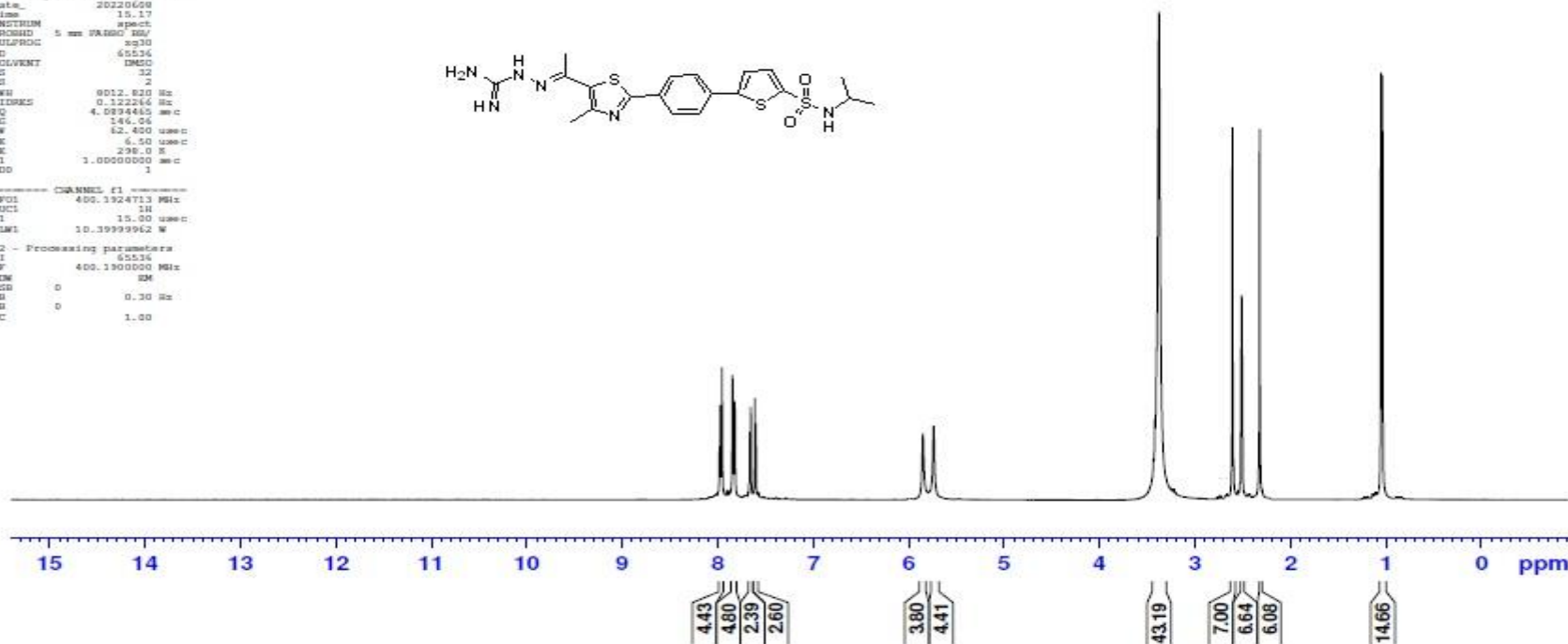


7.9732
7.9522
7.8402
7.8192
7.6611
7.6513
7.6059
7.5972

5.8449
5.7347

3.4329
3.4166
3.3999
3.3735
2.6035
2.5910
2.5084
2.3192

1.0475
1.0312



Mariam Mohamed_C_MF0-7-Ag

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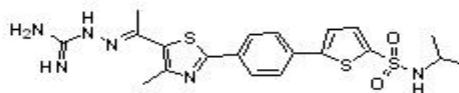


161.49
160.32
148.50
148.15
142.85
142.37
136.45
133.86
133.71
132.81
126.93
124.99

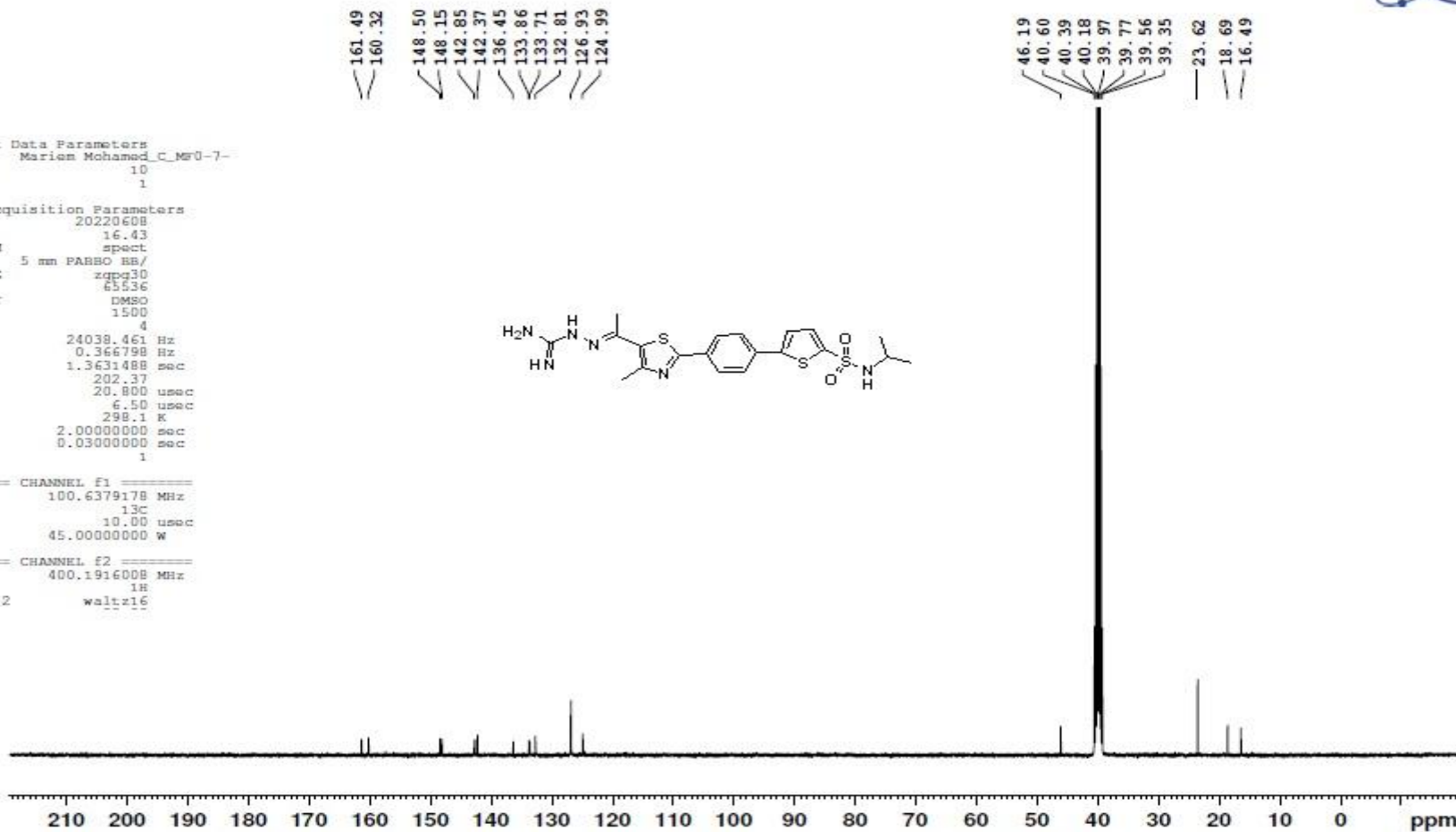
46.19
40.60
40.39
40.18
39.97
39.77
39.56
39.35
23.62
18.69
16.49

Current Data Parameters
NAME: Mariem Mohamed_C_MF0-7-
EXPNO: 10
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20220608
Time: 16.43
INSTRUM: spect
PROBHD: 5 mm PABBO BB/
PULPROG: zgpg30
TD: 65536
SOLVENT: DMSO
NS: 1500
DS: 4
SWH: 24038.461 Hz
FIDRES: 0.366798 Hz
AQ: 1.3631488 sec
RG: 202.37
IW: 20.800 usec
DE: 6.50 usec
TE: 298.1 K
D1: 2.00000000 sec
D11: 0.03000000 sec
TD0: 1



==== CHANNEL F1 =====
SFO1 100.6379178 MHz
NUC1 13C
P1 10.00 usec
PLW1 45.00000000 W
==== CHANNEL F2 =====
SFO2 400.1916008 MHz
NUC2 1H
CPDPRG[2] waltz16



Mariam Mohamed_H_MF0-6

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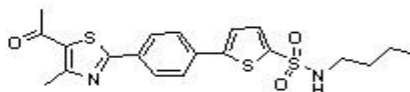
```

Current Data Parameters
NAME: Mariam Mohamed_H_MF0-6
EXPNO: 10
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20220607
Time: 1.38
SPECTROM: spect
PROBHD: 5 mm PABBO BB/
PULPROG: zg30
TD: 65536
SOLVENT: DMSO
NS: 32
DS: 2
SWH: 8012.820 Hz
FIDRES: 0.122266 Hz
AQ: 4.0894465 sec
RG: 129.43
DM: 62.400 usec
DE: 6.50 usec
TE: 298.1 K
D1: 1.00000000 sec
TD0: 1

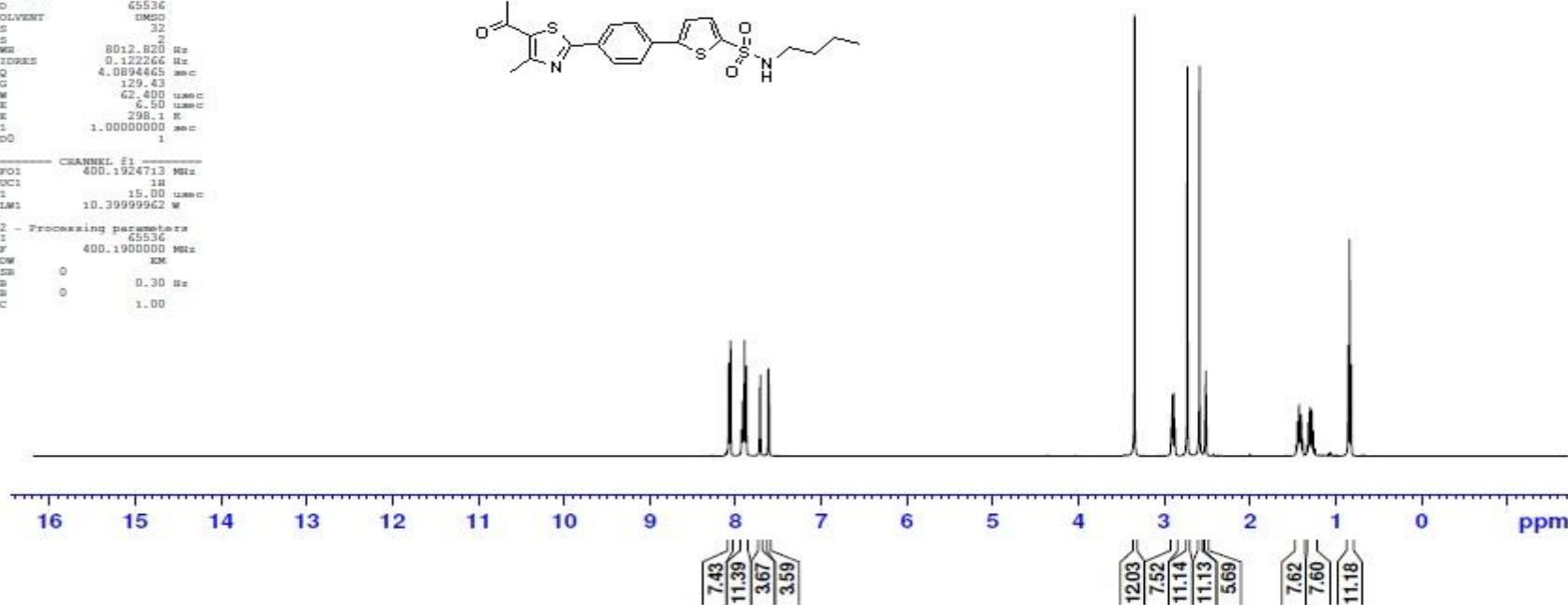
----- CHANNEL f1 -----
SFO1: 400.1924713 MHz
NUC1: 1H
P1: 15.00 usec
PL1: 10.39999962 W

F2 - Processing parameters
SI: 65536
SF: 400.1900000 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00
    
```



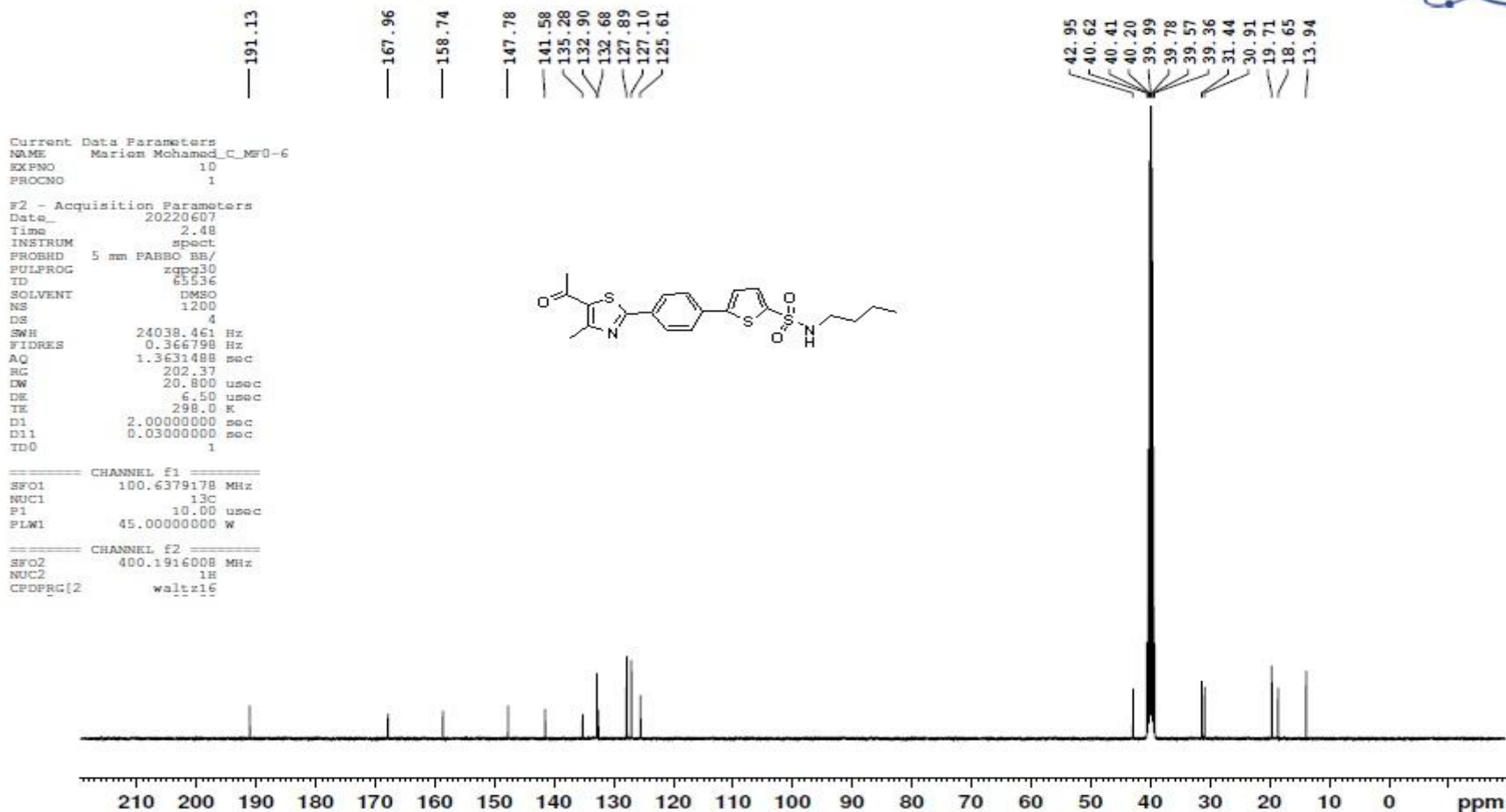
8.0724
8.0512
7.9253
7.9110
7.8955
7.8891
7.8678
7.7127
7.7029
7.6141
7.6043

3.3372
2.9147
2.8976
2.8825
2.8653
2.7346
2.7229
2.5833
2.5129
2.5086
2.5042
1.4359
1.4176
1.3989
1.3809
1.3112
1.2921
1.2730
1.2553
0.8496
0.8314
0.8131



Mariam Mohamed_C_MF0-6

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Mariam Mohamed_H_MF0-6-9Ag

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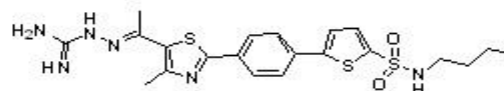


Current Data Parameters
NAME: Mariam Mohamed_H_MF0-6-9Ag
EXPNO: 10
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20220607
Time: 2.53
INSTRUM: spect
PROBHD: 5 mm PABBO 507
PULPROG: zg30
TD: 65536
SOLVENT: DMSO
NS: 32
DS: 2
SWH: 8013.820 Hz
FIDRES: 0.122266 Hz
AQ: 4.0894650 sec
RG: 146.05
DF: 62.400 usec
DE: 6.50 usec
TE: 300.2 K
DQ: 1.0000000 sec
TD0: 1

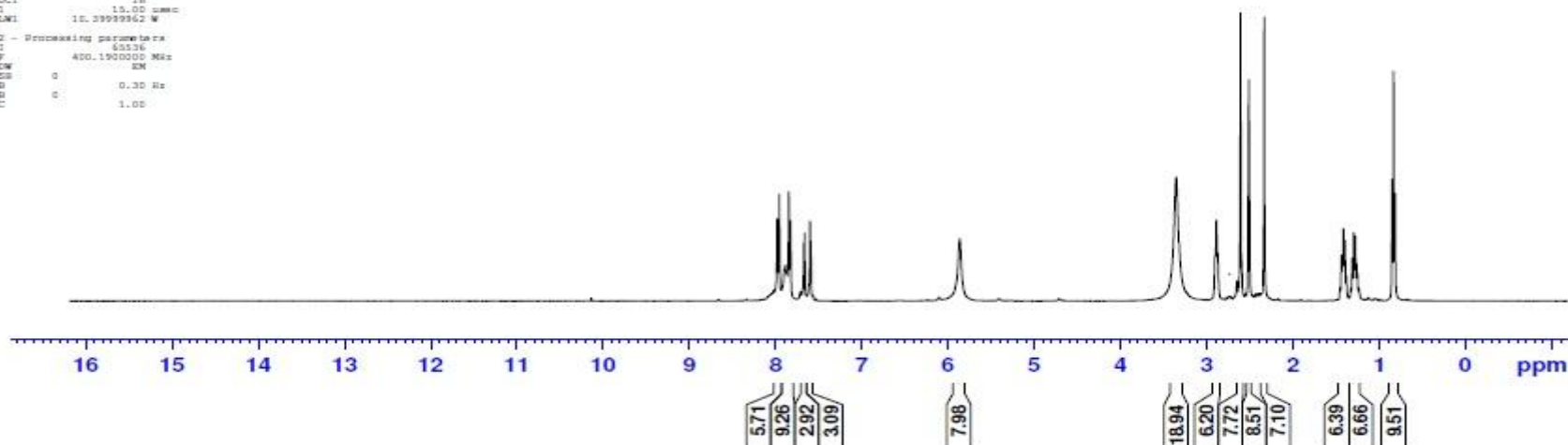
===== CHANNEL F1 =====
SF01: 400.1524712 MHz
NUC1: 1H
P1: 15.00 usec
PLW1: 10.33000000 W

F2 - Processing parameters
SI: 32768
SF: 400.1500000 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00



7.9789
7.9580
7.9012
7.8863
7.8716
7.8448
7.8239
7.6704
7.6608
7.6021
7.5925
— 5.8651

3.3528
2.9027
2.8864
2.8700
2.6096
2.5929
2.5087
2.3309
1.4345
1.4166
1.3982
1.3112
1.2924
1.2737
1.2557
0.8506
0.8323
0.8142



Mariam Mohamed_C_MF0-6-9Ag

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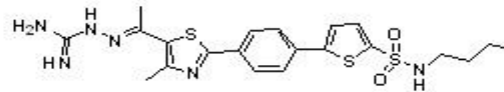


161.69
159.99
148.82
148.26
143.26
141.01
136.14
133.84
133.75
132.91
126.97
125.04

42.95
40.61
40.40
40.20
39.99
39.78
39.57
39.36
31.43
19.71
18.69
16.61
13.95

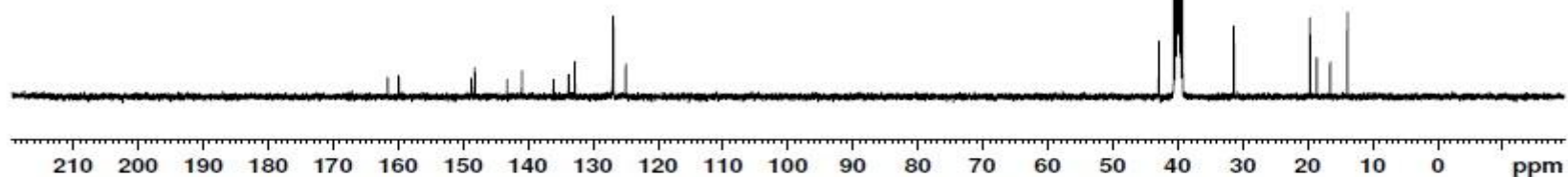
Current Data Parameters
NAME Mariem Mohamed_C_MF0-6-
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20220607
Time 4.03
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1200
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631488 sec
RG 202.37
DW 20.800 usec
DE 6.50 usec
TE 298.1 K
D1 2.0000000 sec
D11 0.0300000 sec
TD0 1



==== CHANNEL F1 =====
SFO1 100.6379178 MHz
NUC1 13C
P1 10.00 usec
PLW1 45.00000000 W

==== CHANNEL F2 =====
SFO2 400.1916008 MHz
NUC2 1H
CPDPRG2 waltz16



Mariam Mohamed_H_MF0-20

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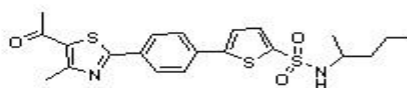


Current Data Parameters
NAME Mariem Mohamed_H_MF0-20
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20220608
Time 19.53
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 32
DS 2
SWH 8012.820 Hz
FIDRES 0.122266 Hz
AQ 4.0884405 sec
RG 146.06
SM 62.400 usec
SE 6.50 usec
TE 298.0 K
SI 1.00000000 sec
TIG 1

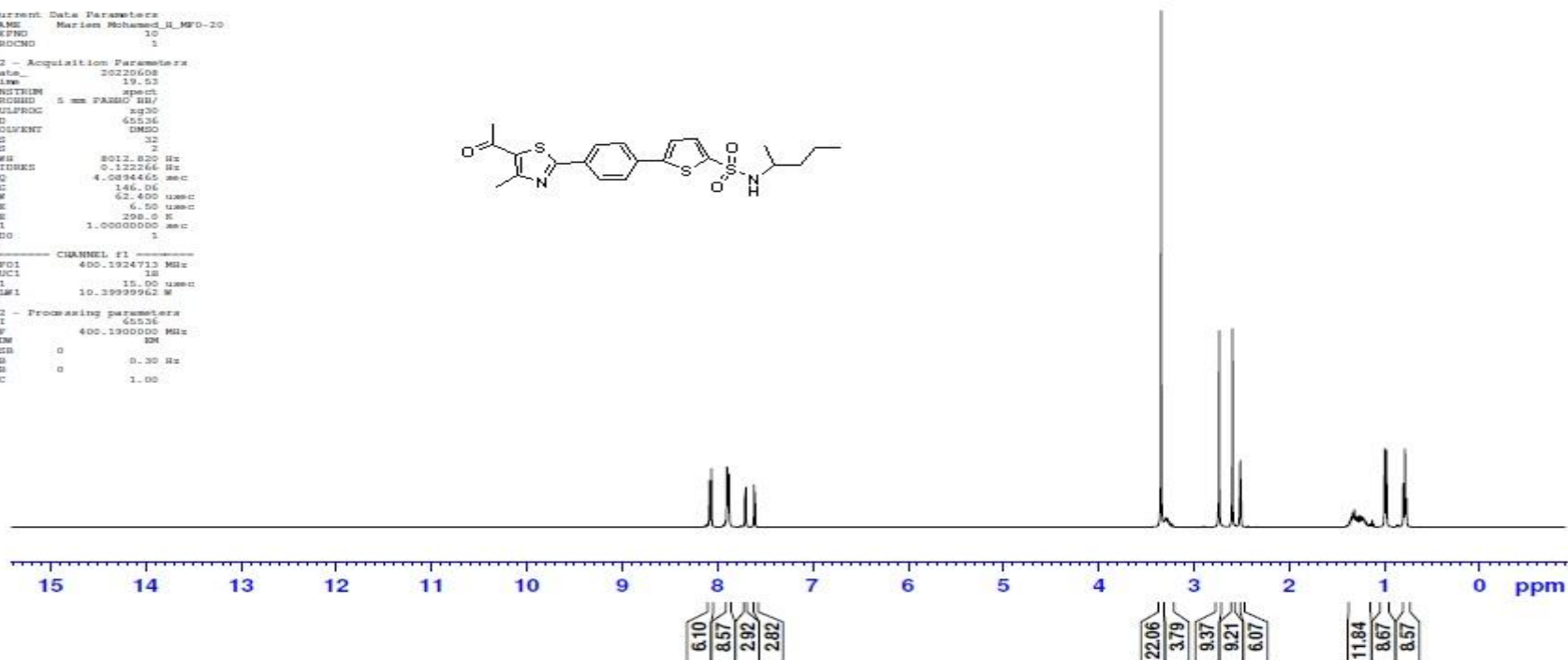
----- CHANNEL f1 -----
SFO1 400.1924713 MHz
NUC1 1H
P1 15.00 usec
PLW1 10.39999962 W

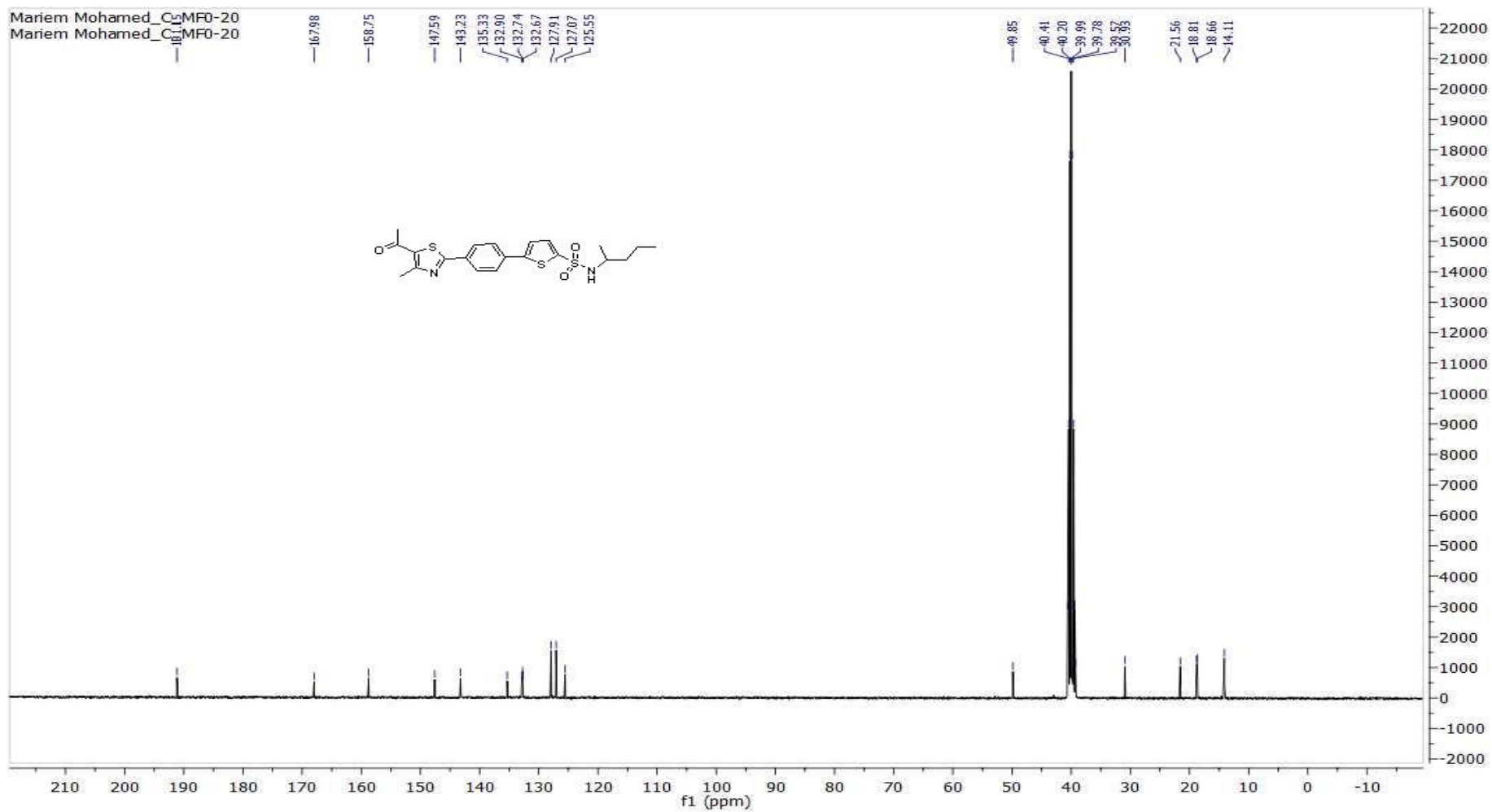
F2 - Processing parameters
SI 65536
SF 400.1900000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8.0806
8.0594
7.8955
7.8787
7.8744
7.7064
7.6966
7.6122
7.6024

3.3369
3.3066
3.2911
3.2754
3.2589
3.2408
3.2229
3.2051
2.7284
2.5890
2.5083
1.3399
1.3283
1.3229
1.3082
1.2936
1.2698
1.2519
1.2332
1.2170
0.9904
0.9740
0.7977





Mariam Mohamed_H_MF0-20-Ag

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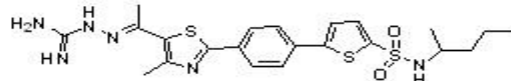
```

Current Data Parameters
NAME: Mariam Mohamed_H_MF0-20-Ag
EXPNO: 10
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20220808
Time: 21.25
INSTRUM: spect
PROBHD: 5 mm HBBBO BB/
PULPROG: zg30
TD: 65536
SOLVENT: DMSO
NS: 32
DS: 2
SWH: 8012.820 Hz
FIDRES: 0.122264 Hz
AQ: 4.0894465 sec
RG: 14.93
SF: 81.405 MHz
DE: 6.50 cm/s
TE: 298.2 K
D1: 3.00000000 sec
TD0: 1

===== CHANNEL f1 =====
NUC1: 13C
P1: 15.00 usec
PL1: 0.00000000 W

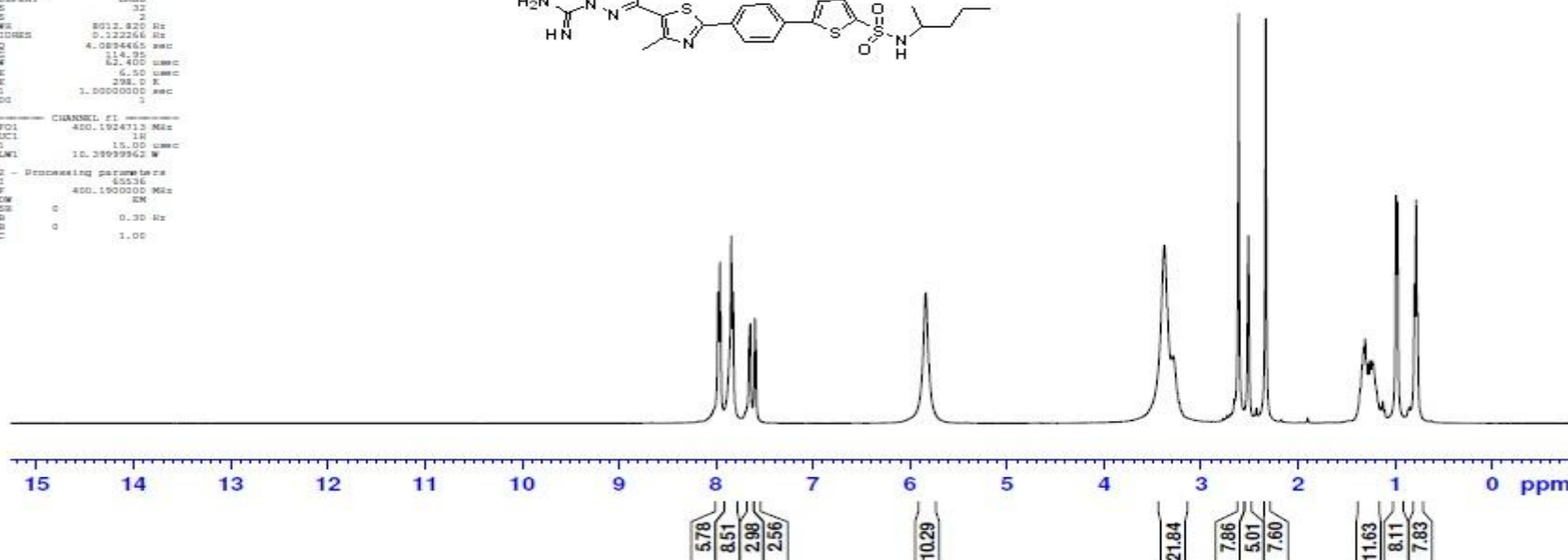
F2 - Processing parameters
SI: 65536
SF: 400.1900000 MHz
WDW: EM
SSB: 0
GB: 0
PC: 1.00
    
```

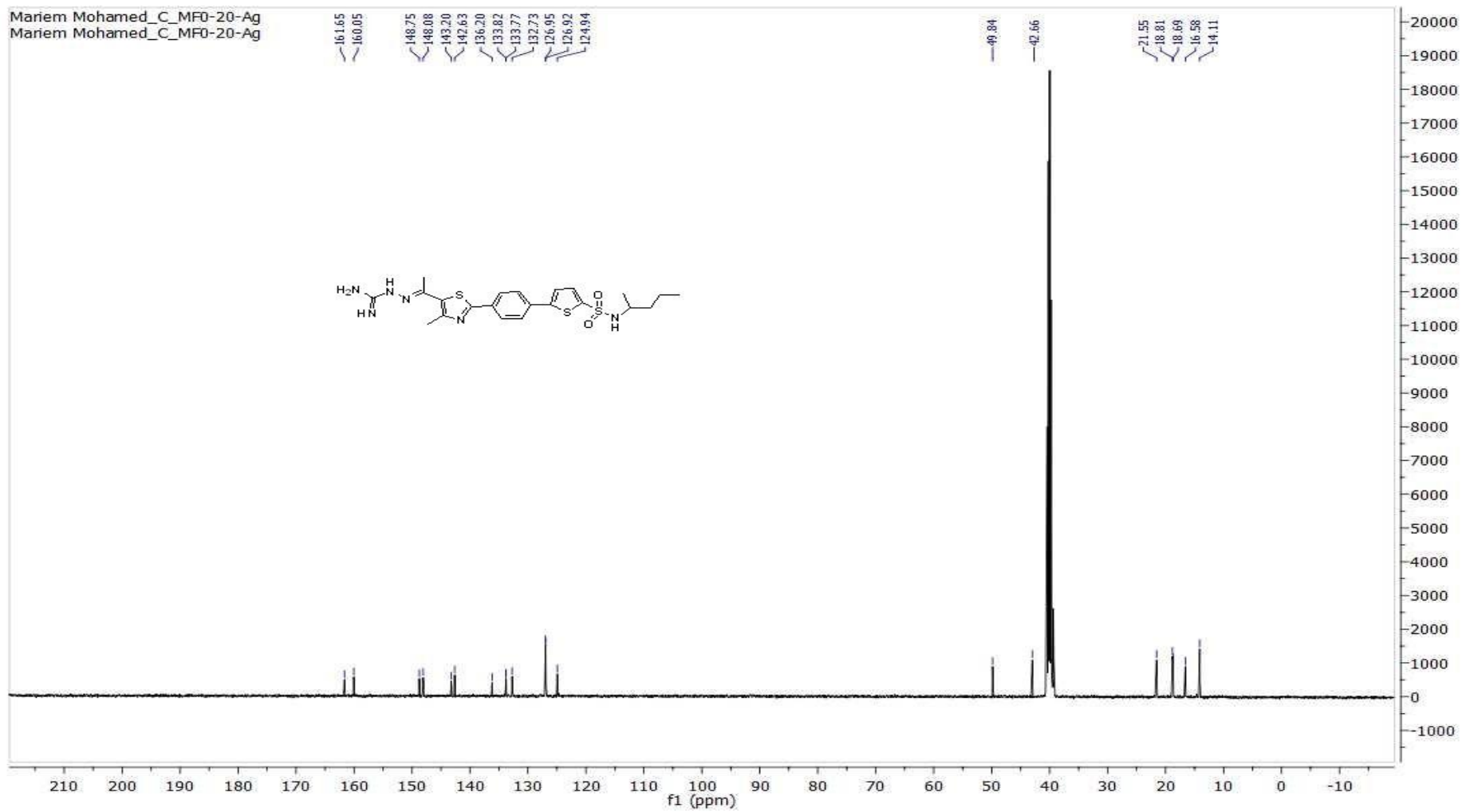


7.9735
7.9533
7.8372
7.8170
7.6511
7.6426
7.5943
7.5858

5.8325

3.3730
3.2851
2.6076
2.5087
2.3284
1.3367
1.3203
1.3050
1.2907
1.2695
1.2504
1.2326
1.2184
0.9869
0.9711
0.7962
0.7786
0.7630





Mariam Mohamed_H_MF0-21

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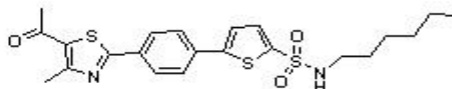


```
Current Data Parameters
NAME: Mariam Mohamed_H_MF0-21
EXPNO: 10
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20220608
Time: 22:57
INSTRUM: spect
PROBHD: 5 mm PABBO BB/
PULPROG: zg30
TD: 65536
SOLVENT: DMSO
NS: 32
DS: 1
SWH: 8012.820 Hz
FIDRES: 0.122266 Hz
AQ: 4.0094465 sec
RG: 114.95
SM: 62.400 usec
SE: 6.50 usec
TR: 298.0 N
D1: 1.0000000 sec
TD0: 1

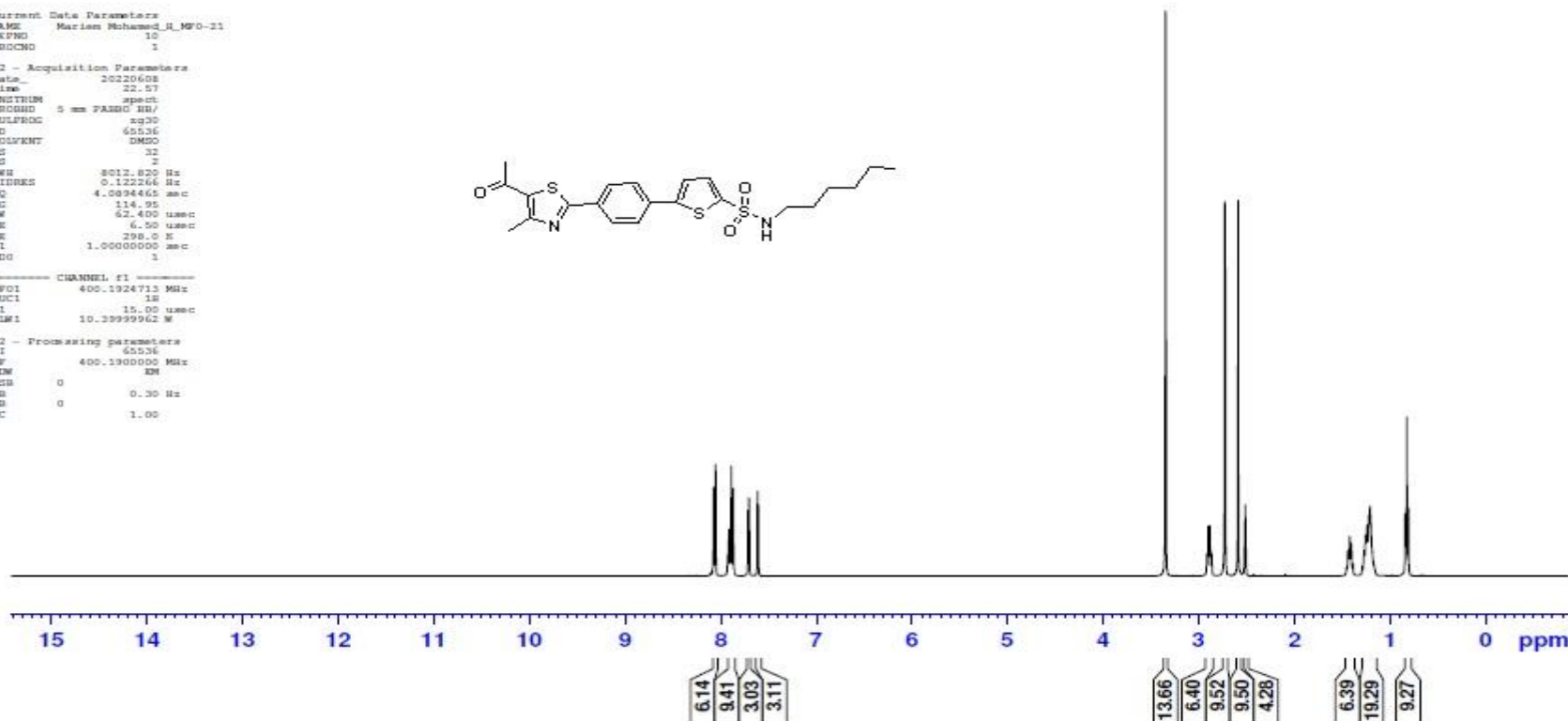
===== CHANNEL f1 =====
NUC1: 13C
P1: 15.00 usec
PSM1: 10.39999962 W

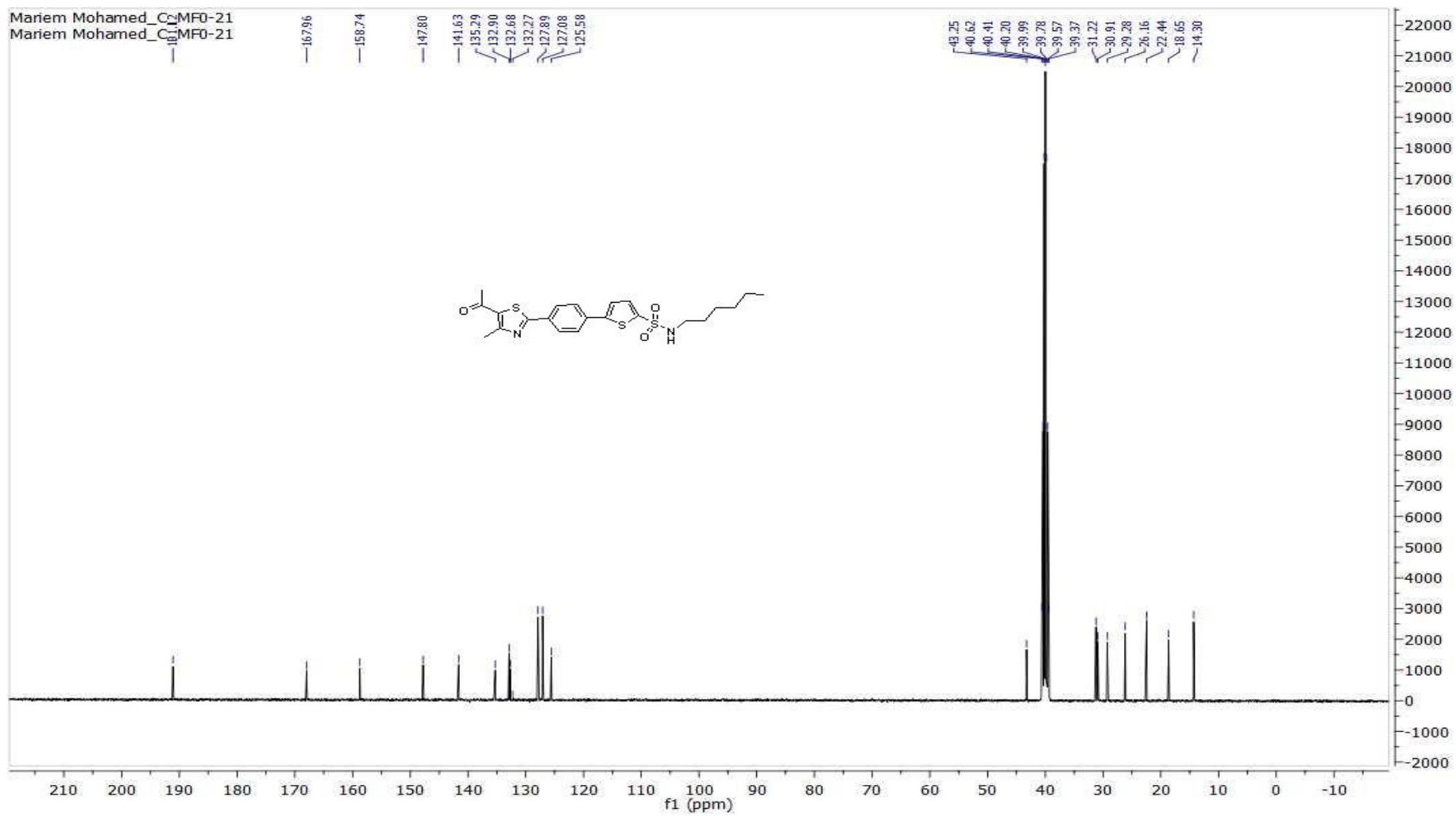
F2 - Processing parameters
SI: 65536
SF: 400.1300000 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00
```



8.0682
8.0470
7.9209
7.9068
7.8922
7.8824
7.8612
7.7073
7.6975
7.6090
7.5992

3.3405
2.9085
2.8914
2.8765
2.8594
2.7200
2.5804
2.5084
1.4510
1.4343
1.4164
1.3982
1.3803
1.2833
1.2656
1.2481
1.2308
1.2285
1.2137
1.2012
1.1954
1.1751





Mariem Mohamed_H_MF0-21-Ag

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7.9739
7.9528
7.8896
7.8689
7.8345
7.8134
7.6608
7.6511
7.5953
7.5856
5.7976
5.7108
3.3815
2.8964
2.8790
2.8616
2.7257
2.6051
2.5853
2.5083
2.3231
1.4318
1.4141
1.3960
1.3781
1.2821
1.2642
1.2478
1.2312
1.2284
1.2137
1.2009
1.1956
1.1759

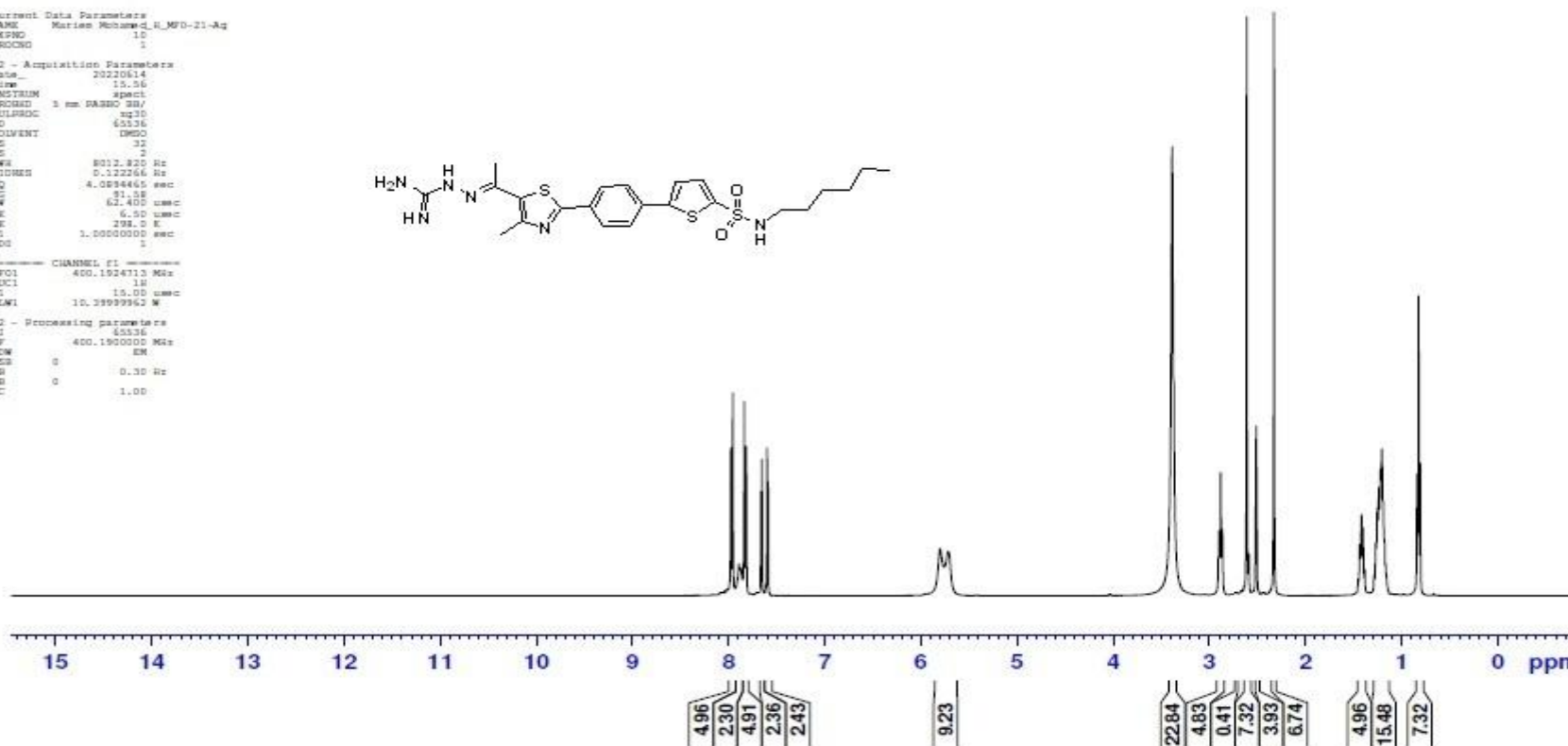
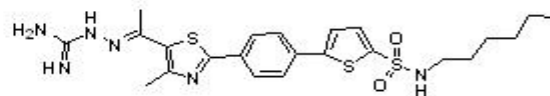
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Current Data Parameters
NAME: Mariem Mohamed_H_MF0-21-Ag
EXPNO: 10
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20220814
Time: 15.36
INSTRUM: spect
PROBHD: 5 mm BBOBO 507
PULPROG: zg30
TD: 65536
SOLVENT: DMSO
RG: 32
DS: 2
SWH: 8012.820 Hz
FIDRES: 0.122266 Hz
AQ: 4.0934465 sec
RG: 31.25
AQ: 61.405 usec
DE: 6.50 usec
TE: 298.2 K
SI: 1.00000000 sec
TD0: 1

===== CHANNEL f1 =====
SFO1: 400.1504713 MHz
NUC1: 13
P1: 15.00 usec
PL1: 10.33999962 M

F2 - Processing parameters
SI: 65536
SF: 400.1500000 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00
    
```



Mariam Mohamed_C_MF0-21-Ag

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161.55
160.20
148.59
148.29
143.03
141.03
136.38
133.87
133.71
132.92
126.98
126.94
124.99

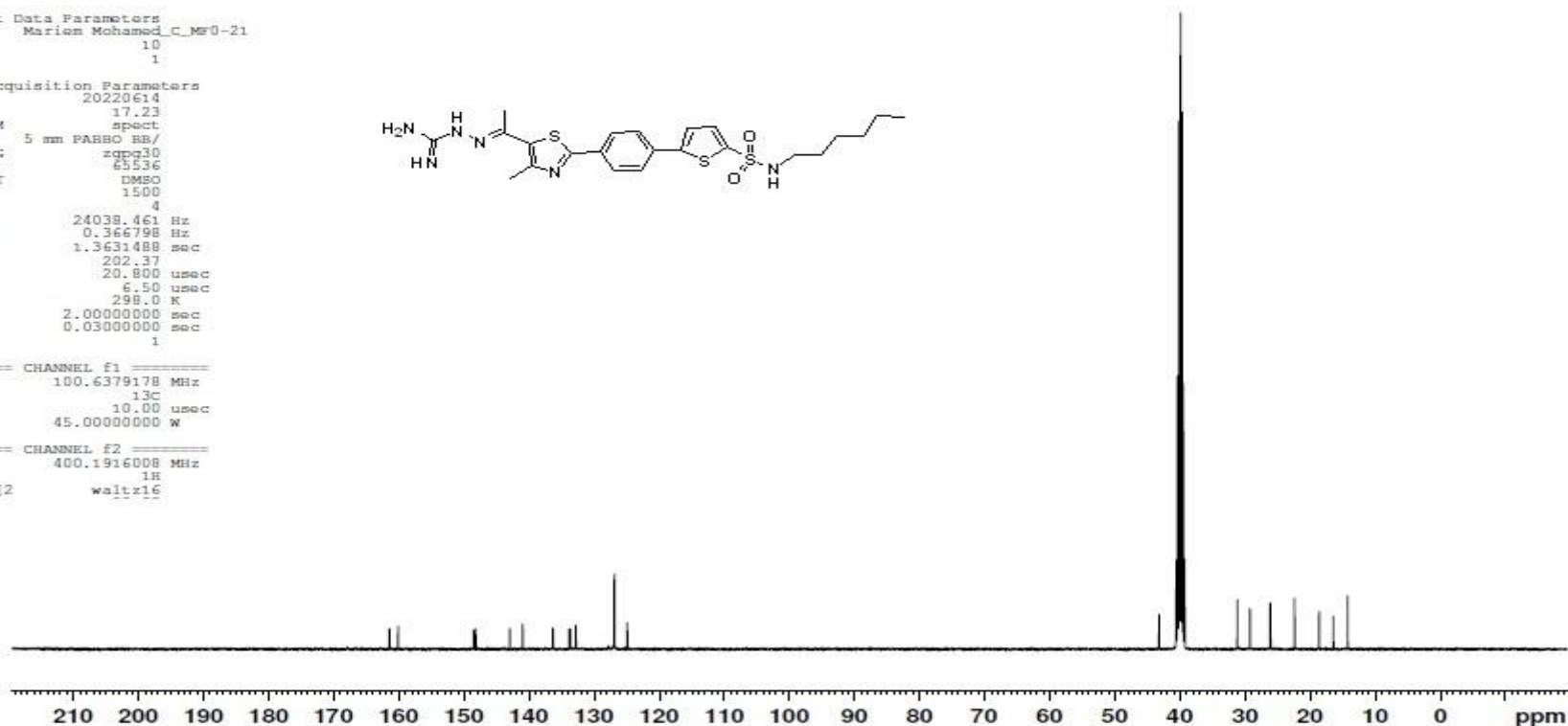
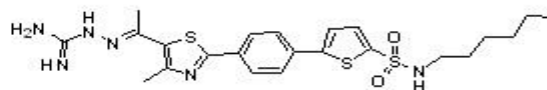
43.25
40.60
40.39
40.18
39.97
39.76
39.56
39.35
31.22
29.27
26.16
22.44
18.69
16.51
14.31

Current Data Parameters
NAME Mariam Mohamed_C_MF0-21
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20220614
Time 17.23
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1500
DS 4
SWH 24038.461 Hz
FIDRES 0.364798 Hz
AQ 1.3631488 sec
RG 202.37
LW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

==== CHANNEL F1
SFO1 100.6379178 MHz
NUC1 13C
P1 10.00 usec
PLW1 45.00000000 W

==== CHANNEL F2
SFO2 400.1916008 MHz
NUC2 1H
CPDPRG[2] waltz16



Mariam Mohamed_H_MF0-1

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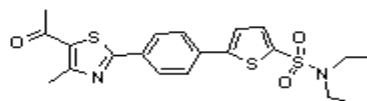


```
Current Data Parameters
NAME      Mariem Mohamed_H_MF0-1
EXPNO    10
PROCNO   1

F2 - Acquisition Parameters
Date_    20220606
Time     20.39
INSTRUM  spect
PROBHD   5 mm PABBO BBI/
PULPROG  zg30
TD       65536
SOLVENT  DMSO
NS       32
DS       2
SWH      8012.820 Hz
FIDRES   0.122266 Hz
AQ       4.0894465 sec
RG       129.43
DM       62.400 usec
DE       6.50 usec
TE       298.1 K
D1       1.0000000 sec
TD0      1

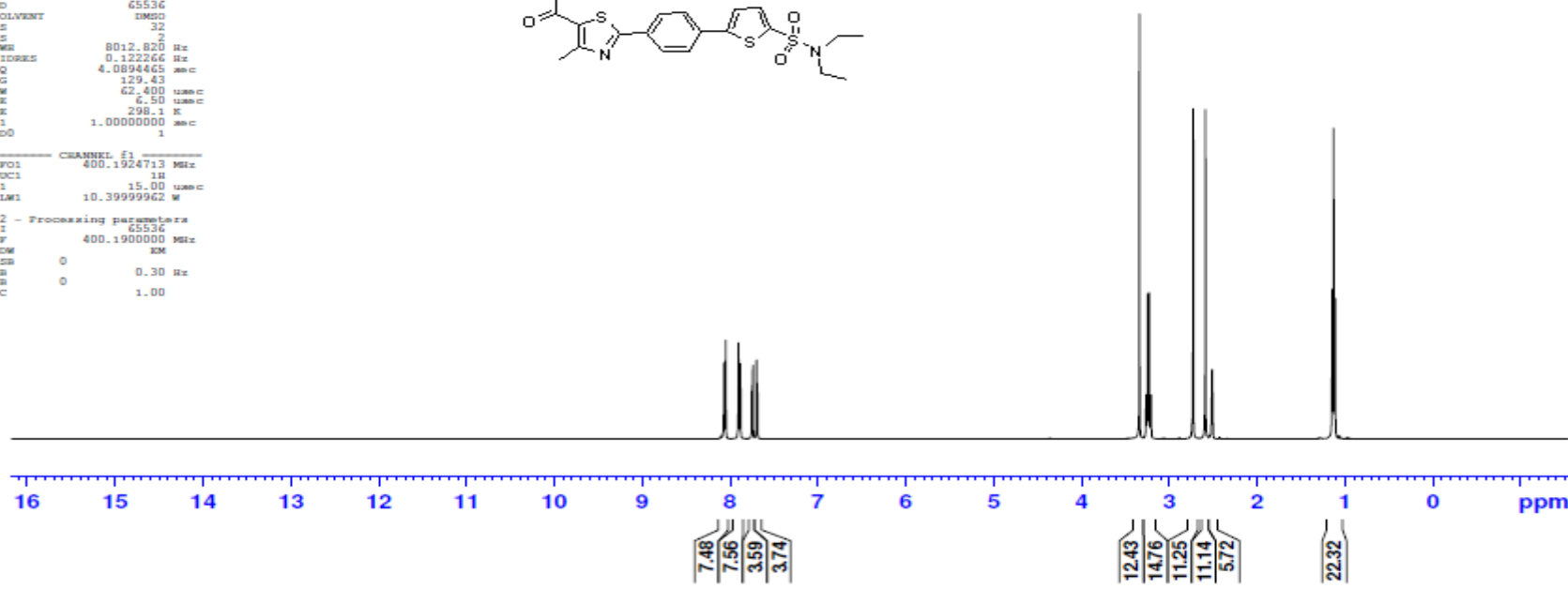
----- CHANNEL f1 -----
SFO1     400.1924713 MHz
NUC1      1H
P1       15.00 usec
PLM1     10.39999962 W

F2 - Processing parameters
SI       65536
SF       400.1900000 MHz
WDW      EM
SSB      0
LB       0.30 Hz
GB       0
PC       1.00
```



8.0672
8.0459
7.9004
7.8792
7.7480
7.7381
7.6947
7.6848

3.3355
3.2576
3.2399
3.2221
3.2043
2.7214
2.5825
2.5087
1.1421
1.1244
1.1065



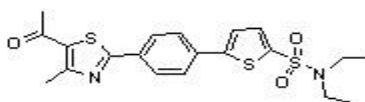
Mariam Mohamed_C_MF0-1

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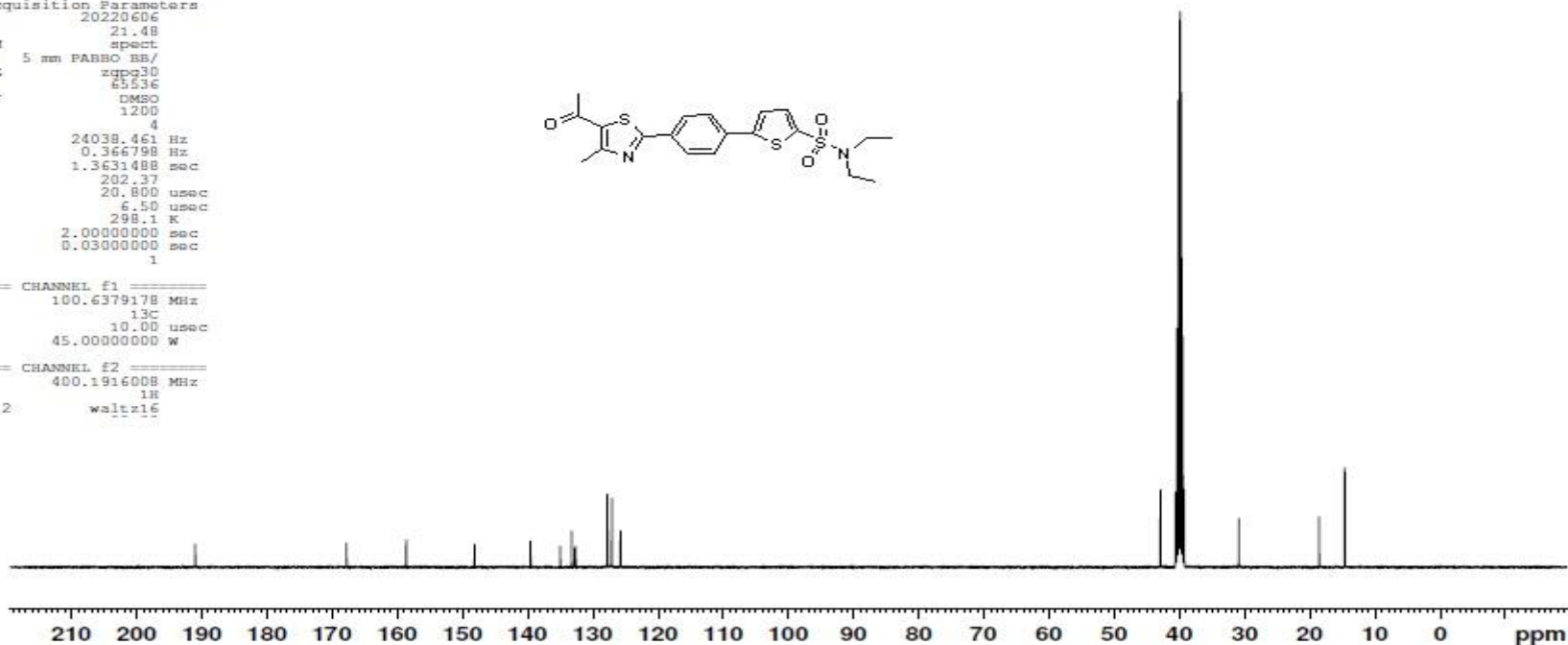
Current Data Parameters
NAME Mariem Mohamed_C_MF0-1
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20220606
Time 21.48
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1200
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631488 sec
RG 202.37
LW 20.800 usec
DE 6.50 usec
TE 298.1 K
D1 2.00000000 sec
D11 0.03000000 sec
TDD 1



==== CHANNEL F1 =====
SFO1 100.6379178 MHz
NUC1 13C
P1 10.00 usec
PLW1 45.00000000 W

==== CHANNEL F2 =====
SFO2 400.1916008 MHz
NUC2 1H
CPDPRG[2] waltz16



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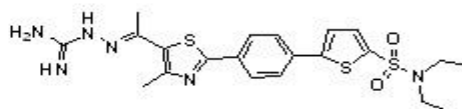
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Current Data Parameters
NAME: Mariem Mohamed_H_MF0-1-Ag
EXPNO: 10
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20220606
Time: 21.54
INSTRUM: spect
PROBHD: 5 mm VAMBO 500
PULPROG: zg30
TD: 65536
SOLVENT: DMSO
NS: 32
DS: 2
SWH: 8012.820 Hz
FIDRES: 0.122266 Hz
AQ: 4.0894465 sec
RG: 129.43
CW: 62.400 usec
CK: 6.50 usec
TK: 298.0 K
C1: 1.00000000 sec
TDD: 1

----- CHANNEL f1 -----
NUC1: 400.1524713 MHz
P1: 15.00 usec
PL1: 10.39999962 W

F2 - Processing parameters
SI: 65536
SF: 400.1500000 MHz
WDW: RM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00
  
```

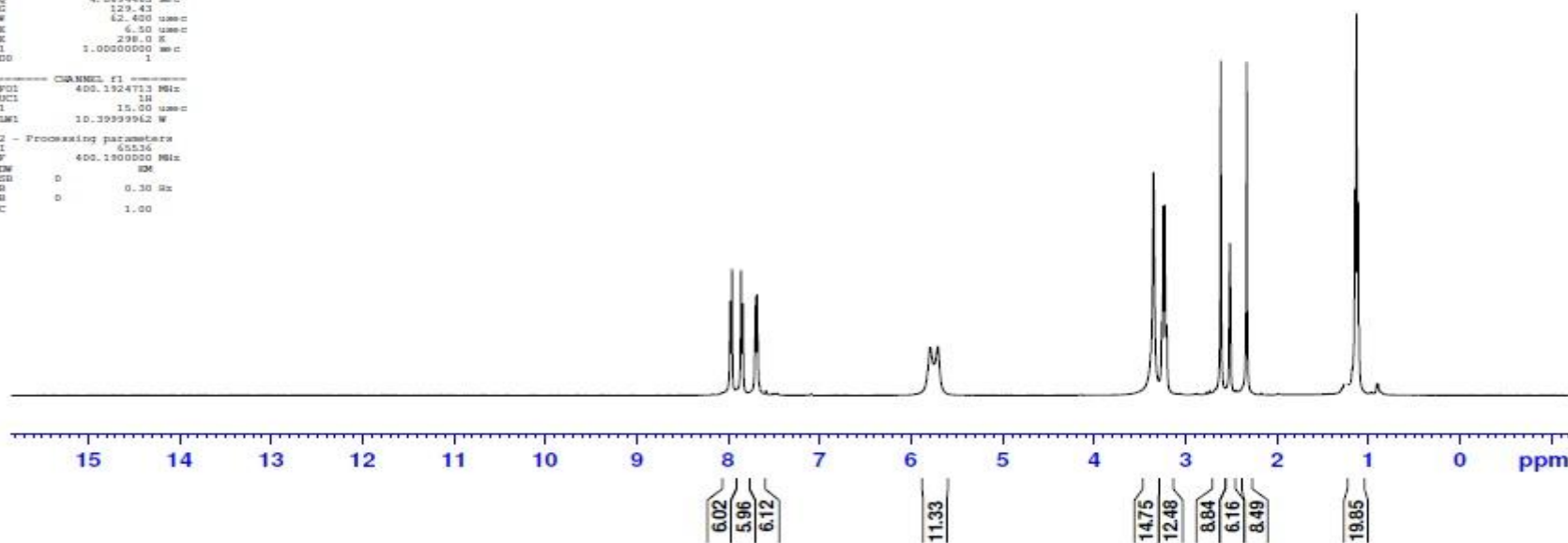


7.9734
 7.9527
 7.8550
 7.8344
 7.7035
 7.6942
 7.6791
 7.6697

5.7875
 5.7017

3.3447
 3.2530
 3.2355
 3.2178
 3.2004
 2.6070
 2.5087
 2.3245

1.1394
 1.1219
 1.1043



Mariam Mohamed_H_MF0-1-Ag

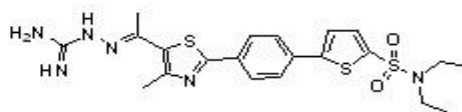
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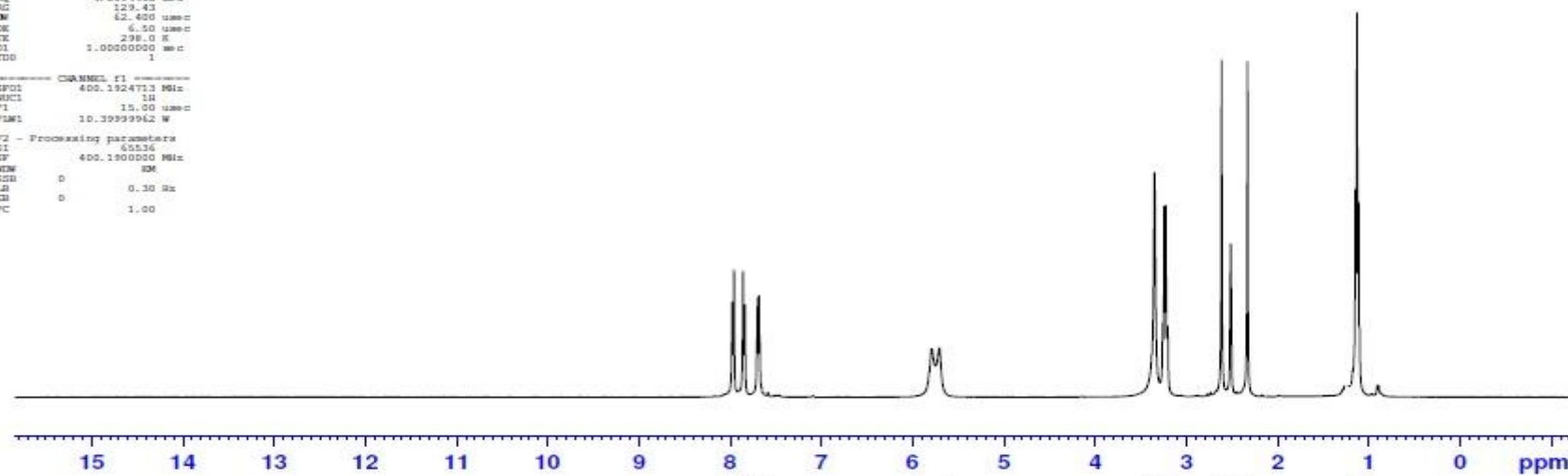
Current Data Parameters
NAME: Mariem Mohamed_H_MF0-1-Ag
EXPNO: 10
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20220606
Time: 21.54
INSTRUM: spect
PROBHD: 5 mm VARIO 500
PULPROG: zgpg30
TD: 65536
SOLVENT: DMSO
NS: 32
DS: 2
SWH: 8012.820 Hz
FIDRES: 0.122266 Hz
AQ: 4.0894465 sec
RG: 129.43
DM: 42.400 usec
DE: 6.50 usec
TE: 298.0 K
SI: 1.00000000 sec
TSD: 1

===== CHANNEL f1 =====
NUC1: 400.1324713 MHz
P1: 18.00 usec
P2: 10.39999962 W
F2 - Processing parameters
SI: 65536
SF: 400.1300000 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00



7.9734
7.9527
7.8550
7.8344
7.7035
7.6942
7.6791
7.6697
5.7875
5.7017
3.3447
3.2530
3.2355
3.2178
3.2004
2.6070
2.5087
2.3245
1.1394
1.1219
1.1043

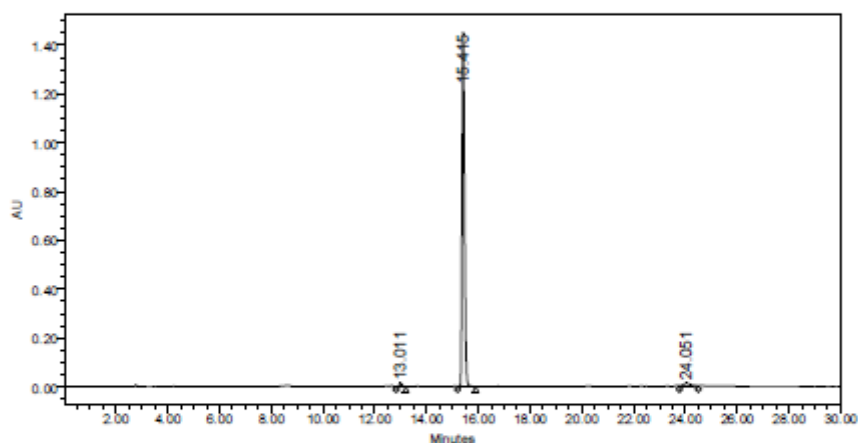


6.02
5.96
6.12
11.33
14.75
12.48
8.84
6.16
8.49
19.85

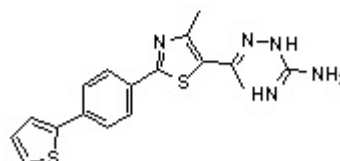
SAMPLE INFORMATION

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Sample Type:	Unknown	Sample Set Name:	Mariam
Vial:	18	Acq. Method Set:	Trial 1
Injection #:	1	Processing Method:	1
Injection Volume:	50.00 ul	Channel Name:	300.0nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	W2996 PDA 300.0 nm (PDA 210.0 to

Date Acquired: 11/24/2021 10:56:00 PM EET
Date Processed: 11/25/2021 4:33:45 PM EET



RT	Area	% Area	Height
1 13.011	95801	0.97	13410
2 15.415	9489941	96.28	1447373
3 24.051	270833	2.75	12776



Reported by User: System
Report Method: Default Individual Report
Report Method ID: 1529
Page: 1 of 2

Project Name: 4 Nas
Date Printed: 11/25/2021
7:51:25 PMAfrica/Cairo