

Supplementary data for article:

Trajković, M.; Ferjančić, Z.; Saičić, R. Formal Synthesis of (-)-Oseltamivir Phosphate. *Synthesis, Stuttgart* **2013**, 45 (3), 389–395. <https://doi.org/10.1055/s-0032-1317948>

Supporting Information
for DOI: 10.1055/s-0032-1317948
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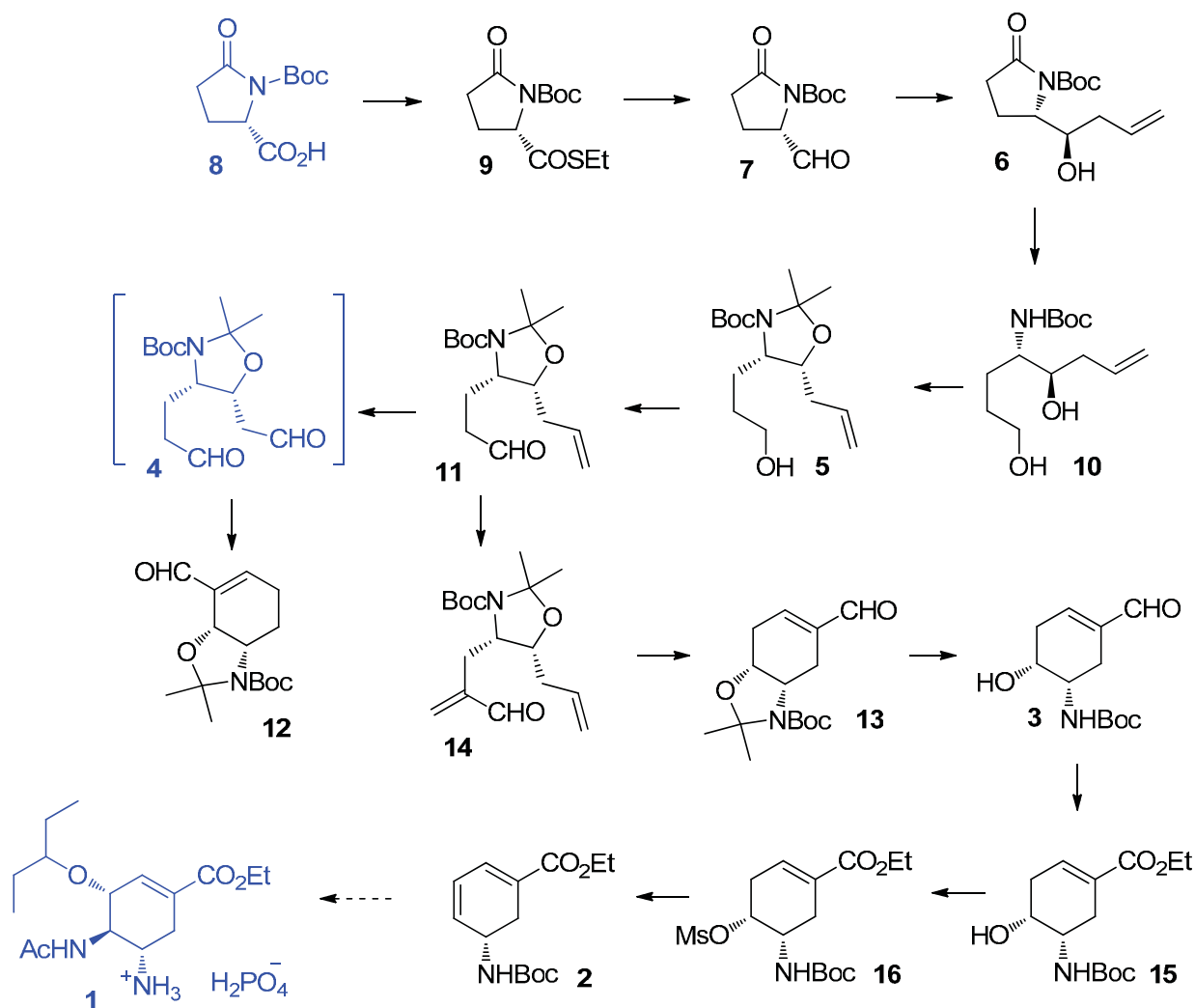
Supporting Information for:

Formal Synthesis of (-)-Oseltamivir Phosphate

Milos Trajkovic, Zorana Ferjancic* and Radomir N. Saicic*

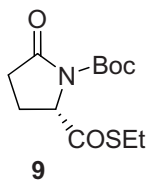
Faculty of Chemistry, University of Belgrade, Studentski trg 16, 11158 Belgrade 118, P. O. B. 51, Serbia

Copies of ^1H and ^{13}C NMR spectra for all compounds are provided in the order of appearance in the synthesis, according to the scheme below:



MT-II-390

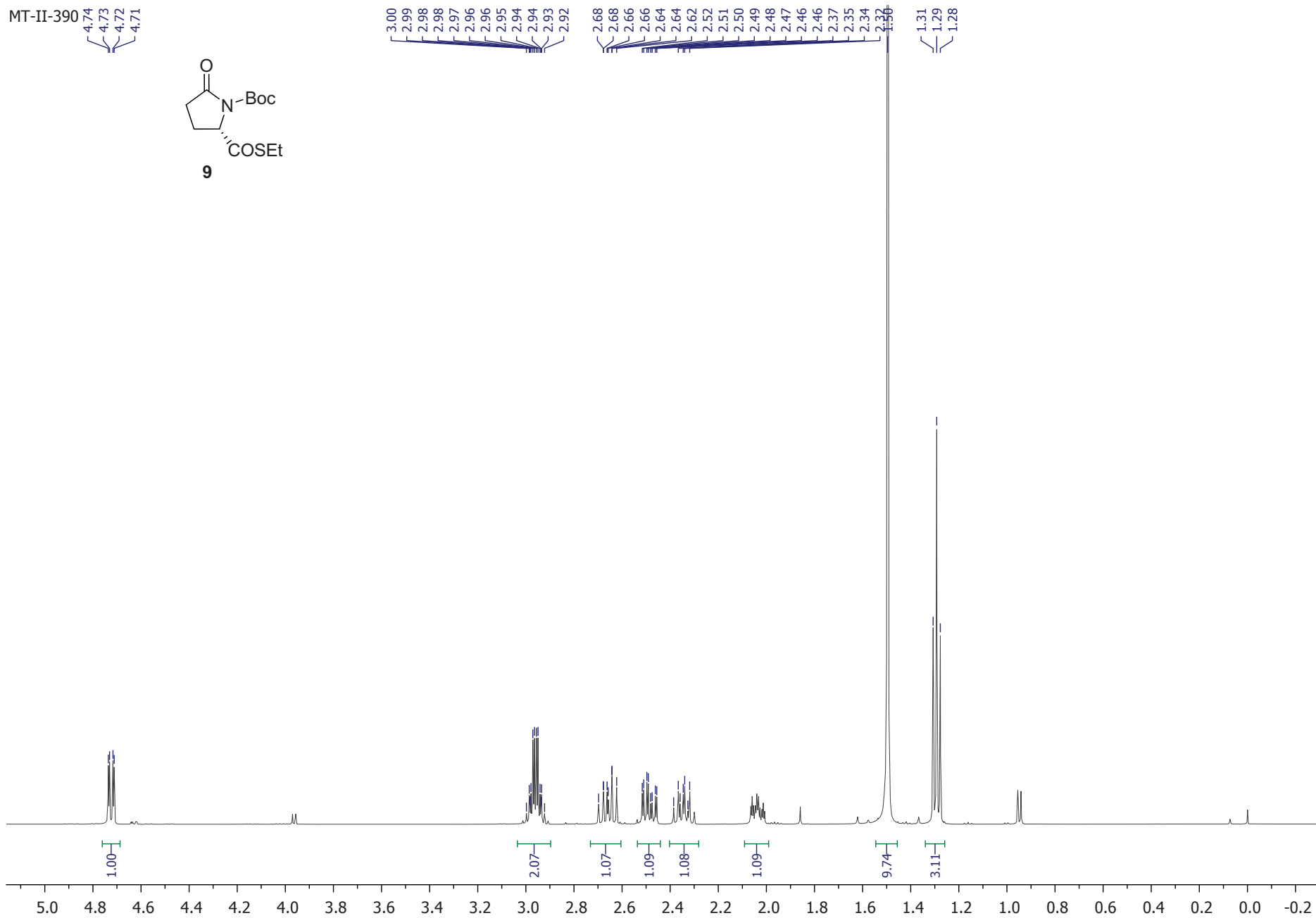
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4.73
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4.71



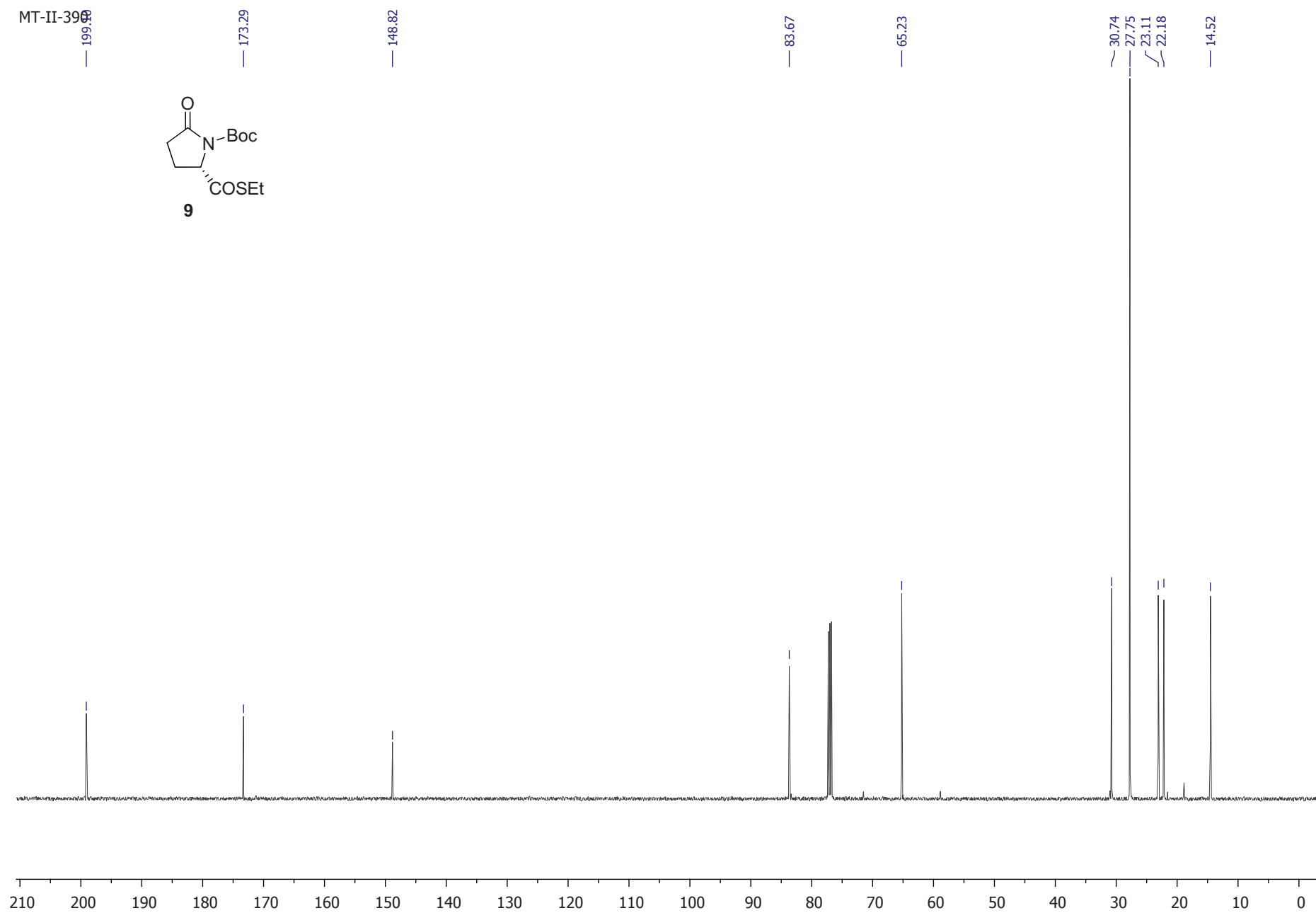
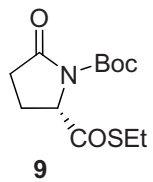
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2.93
2.92

2.68
2.68
2.66
2.66
2.64
2.64
2.62
2.52
2.51
2.50
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2.46
2.46
2.37
2.35
2.34
2.32
2.32

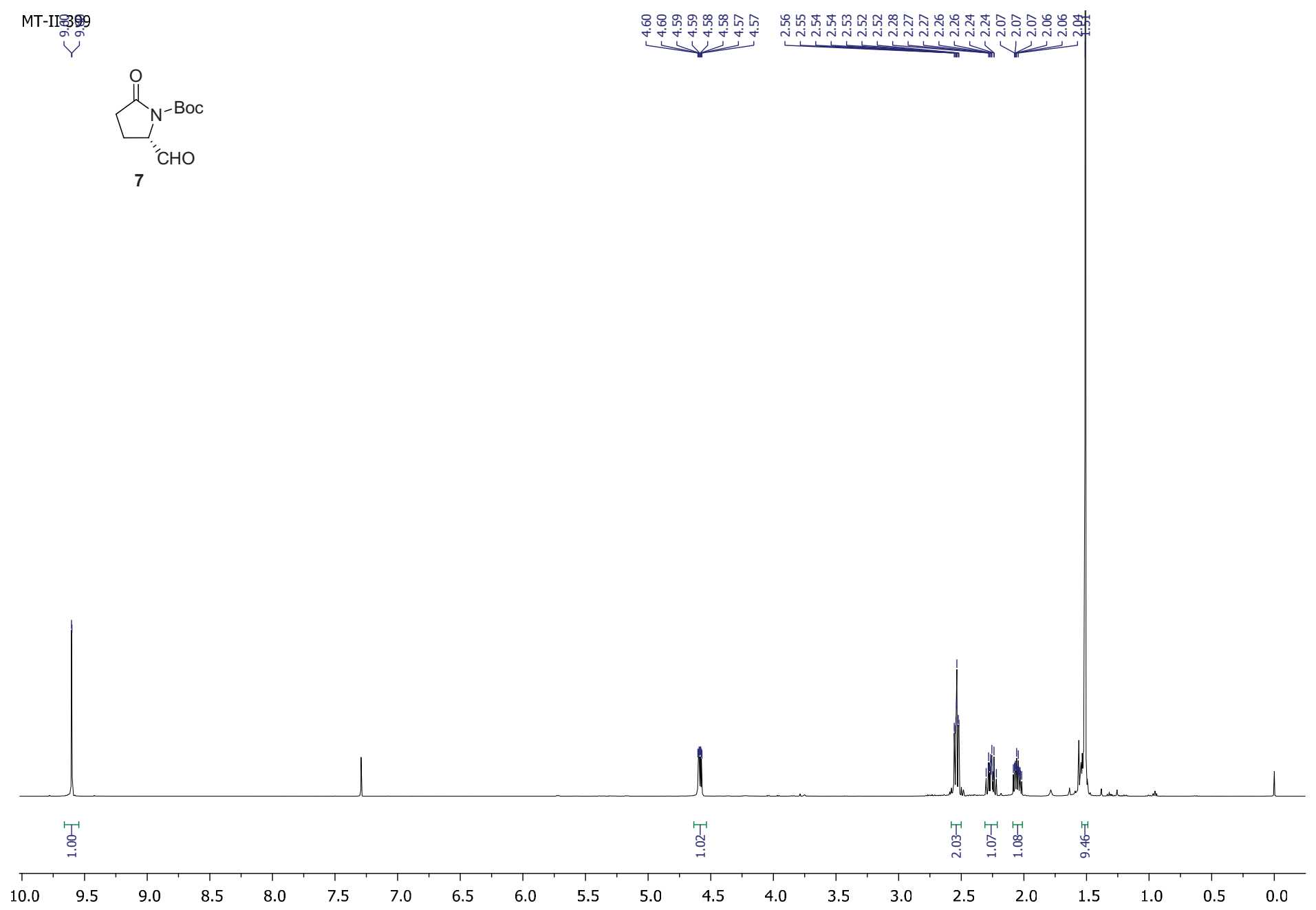
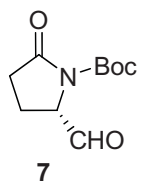
1.31
1.29
1.28



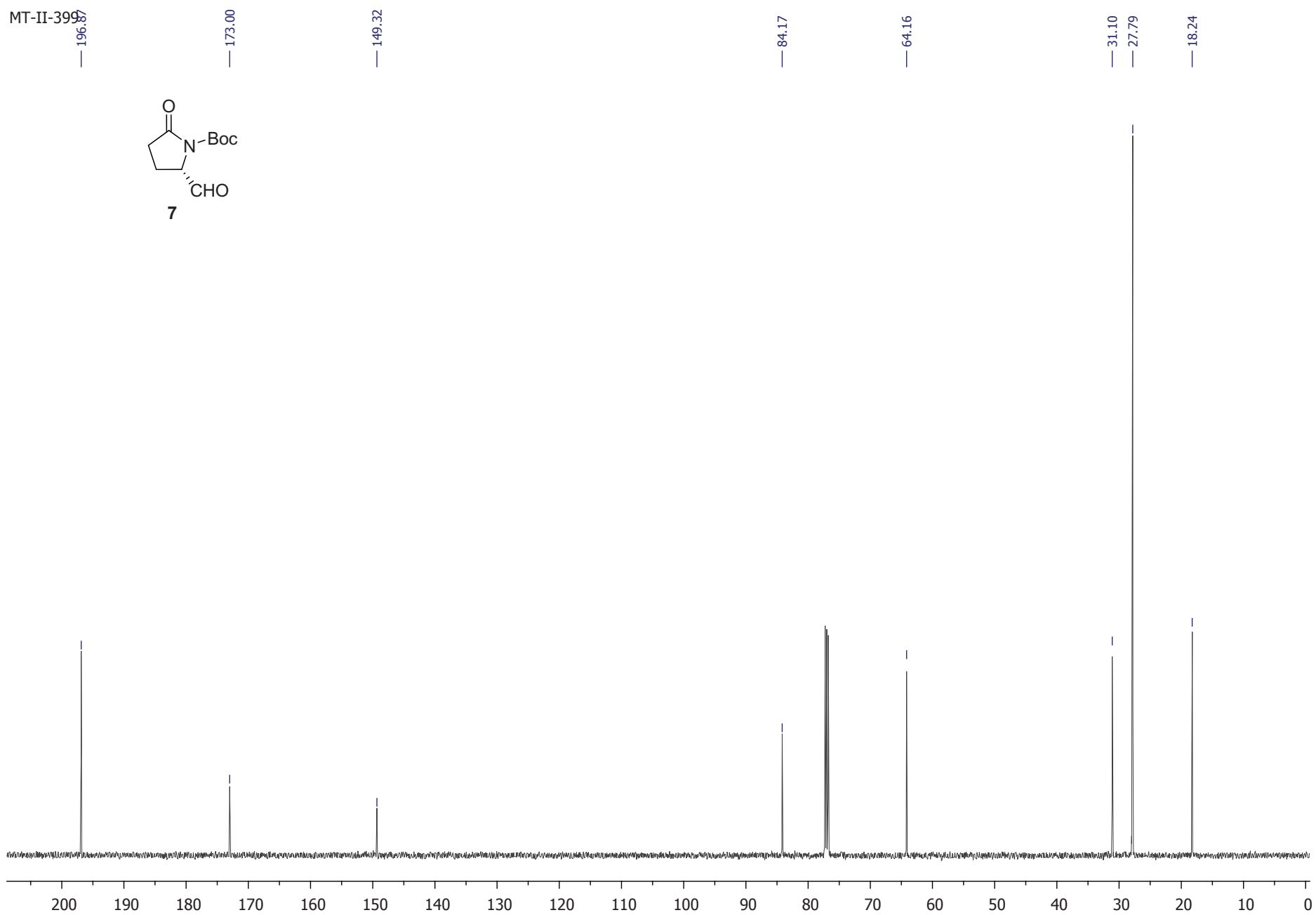
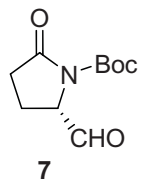
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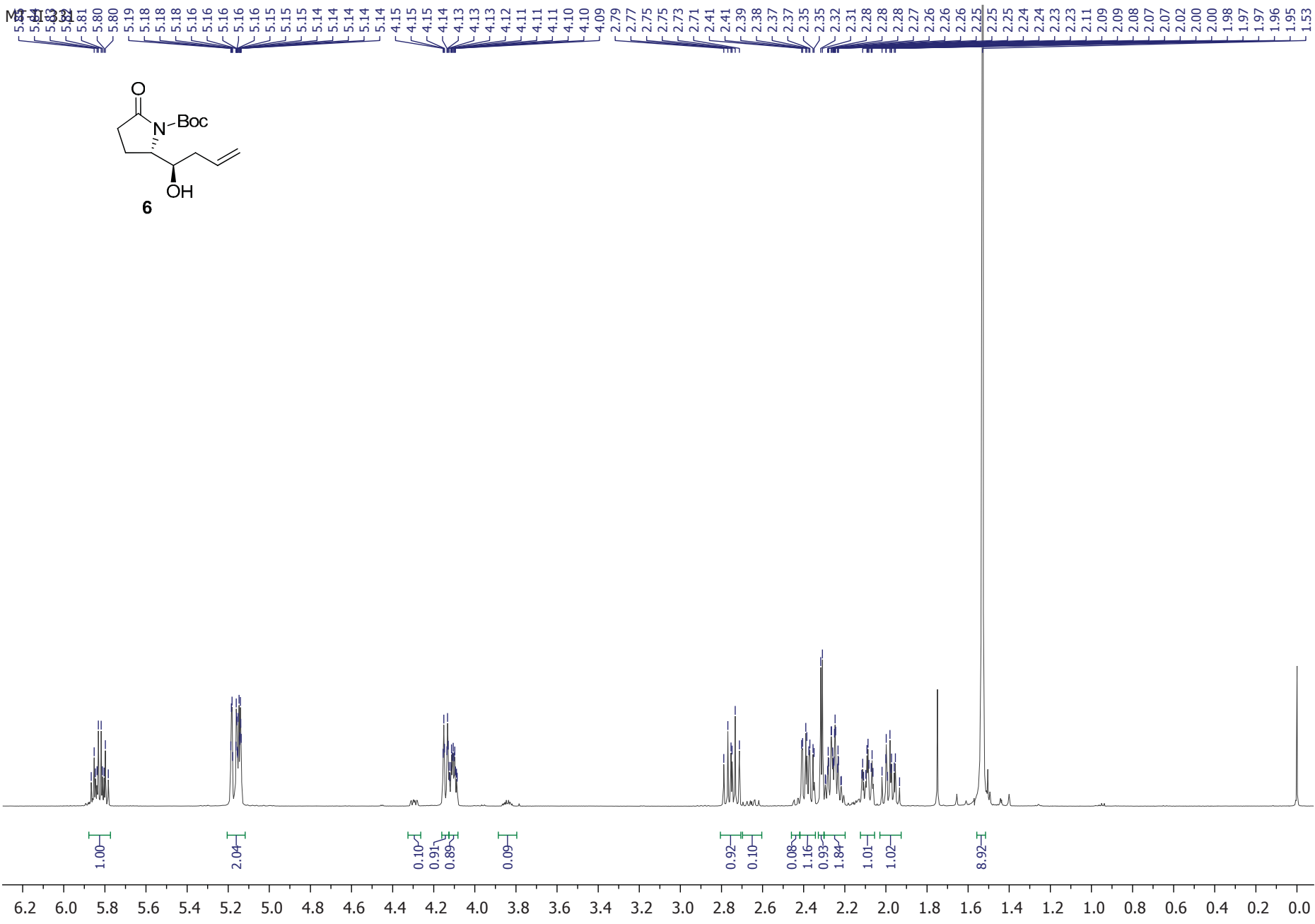


MT-1139



MT-II-399





MT-II-331

— 175.34

— 150.22

— 133.98

— 118.36

— 83.03

— 71.40

— 61.34

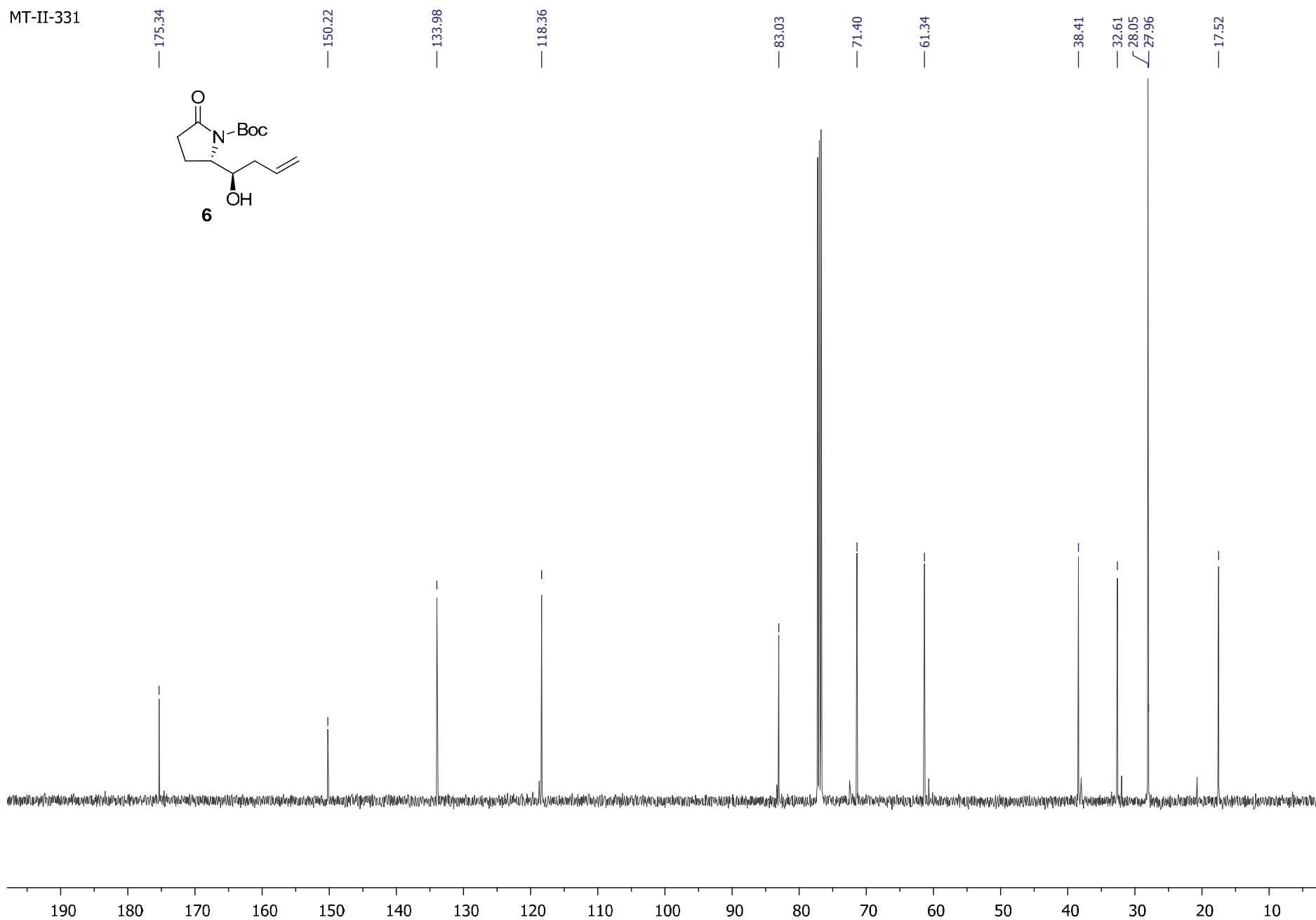
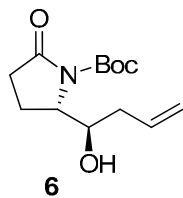
— 38.41

— 32.61

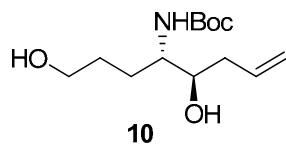
— 28.05

— 27.96

— 17.52



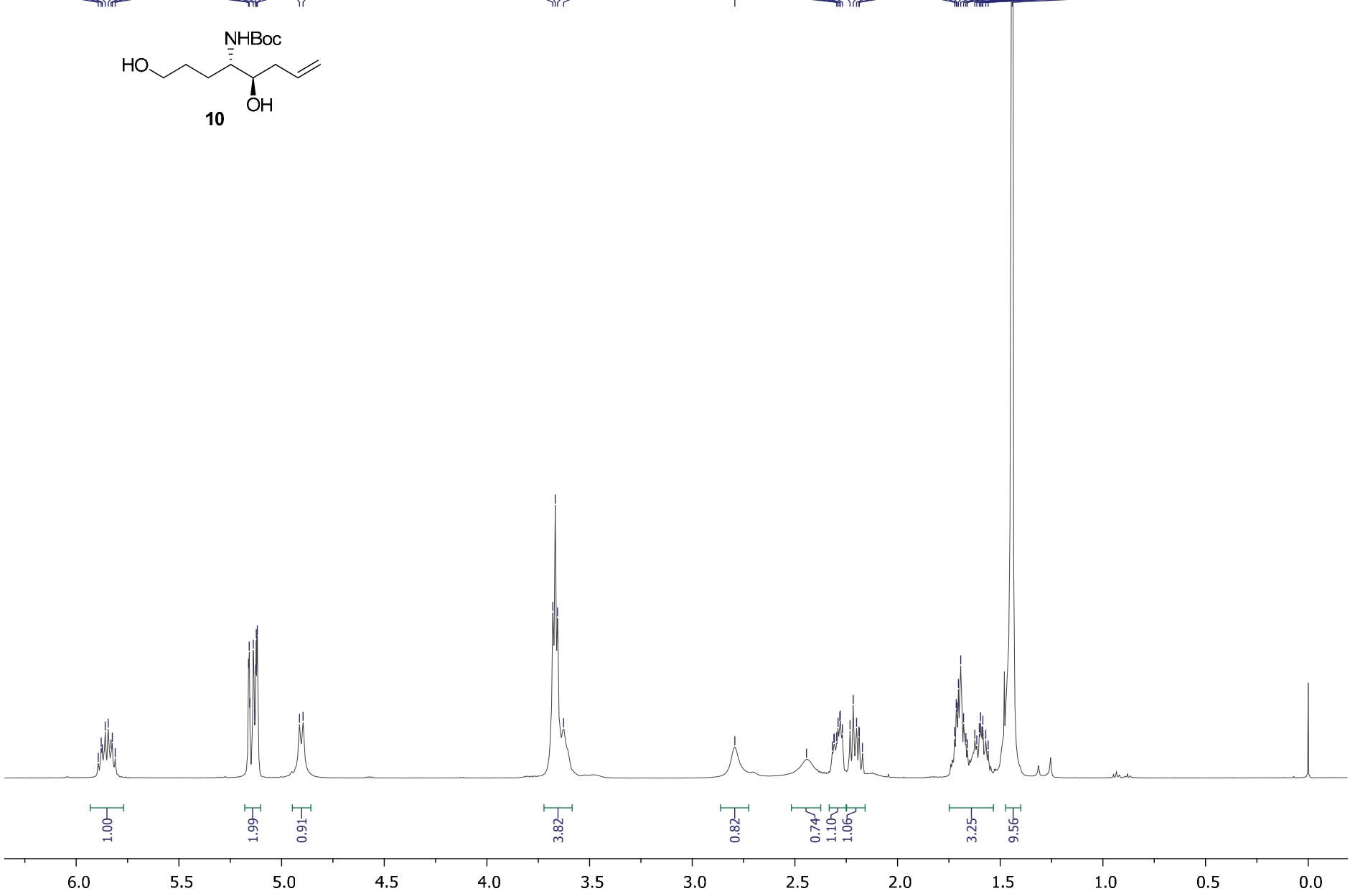
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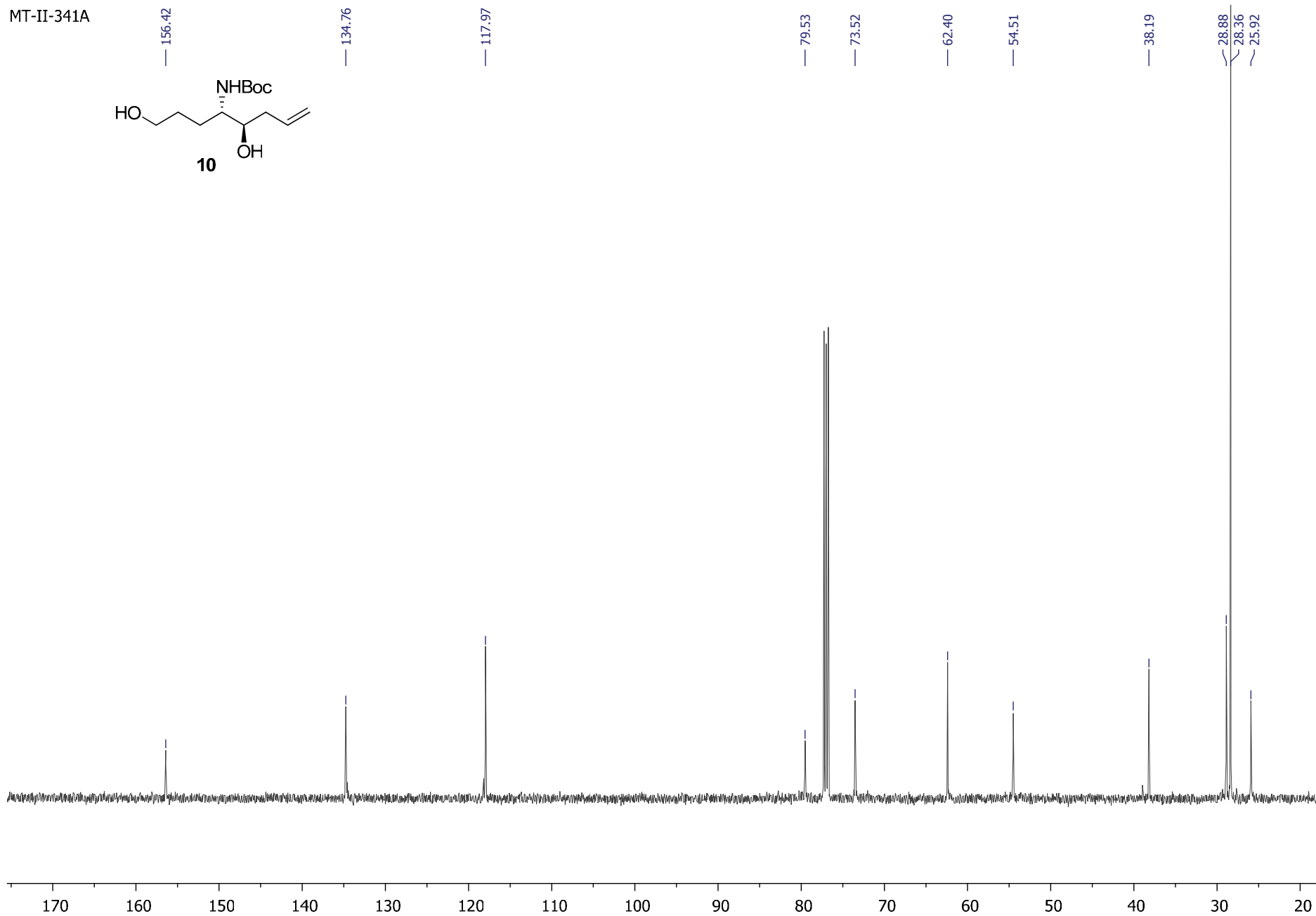
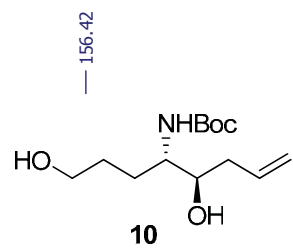
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5.86
5.84
5.83
5.82
5.81
5.16
5.16
5.14
5.13
5.12
5.12
4.91
4.90

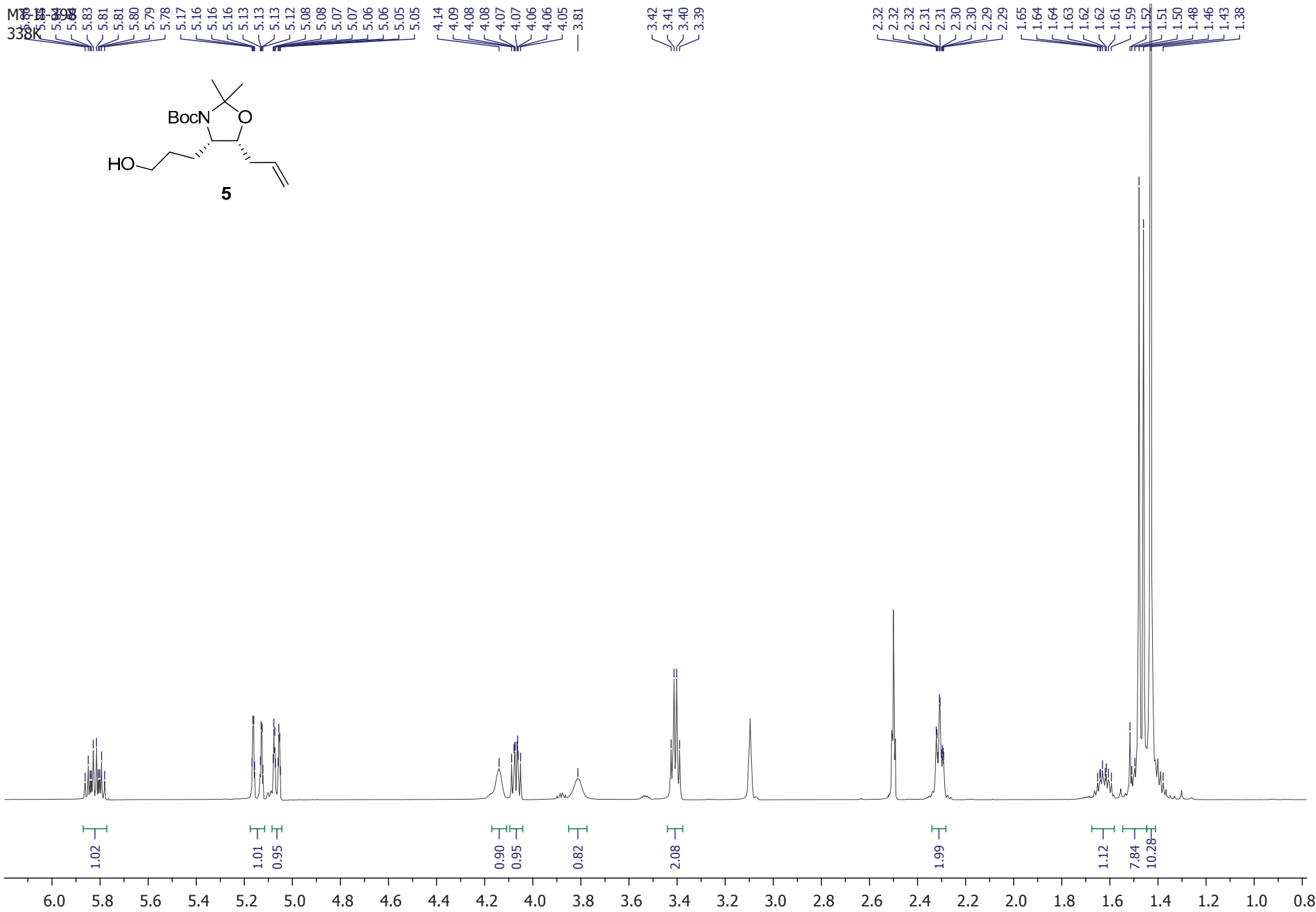
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3.63

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2.20
2.19
2.19
1.71
1.71
1.70
1.69
1.68
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1.60
1.59
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1.57
1.56
1.44

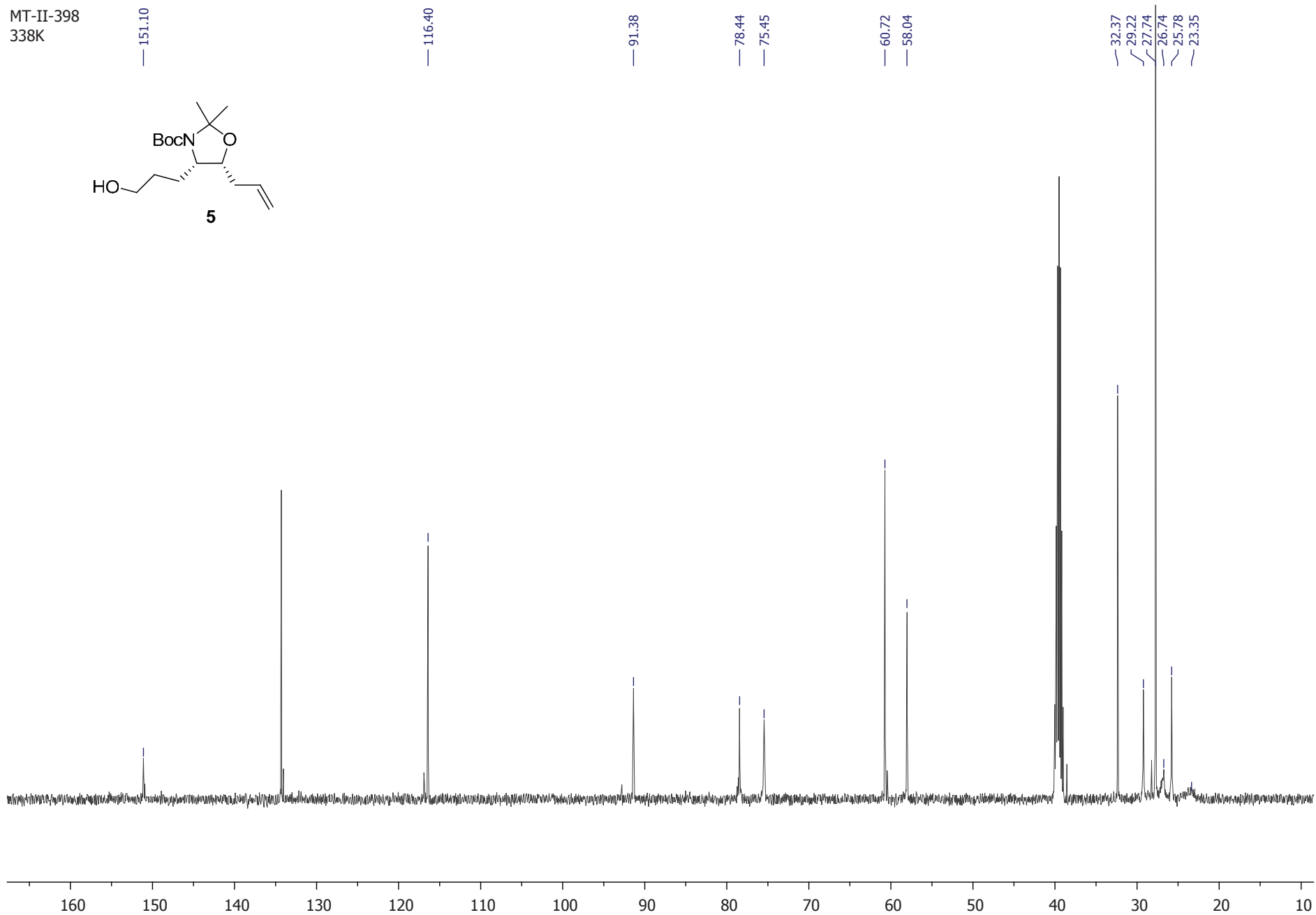
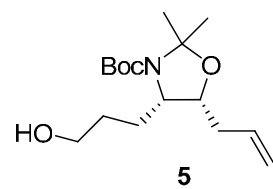


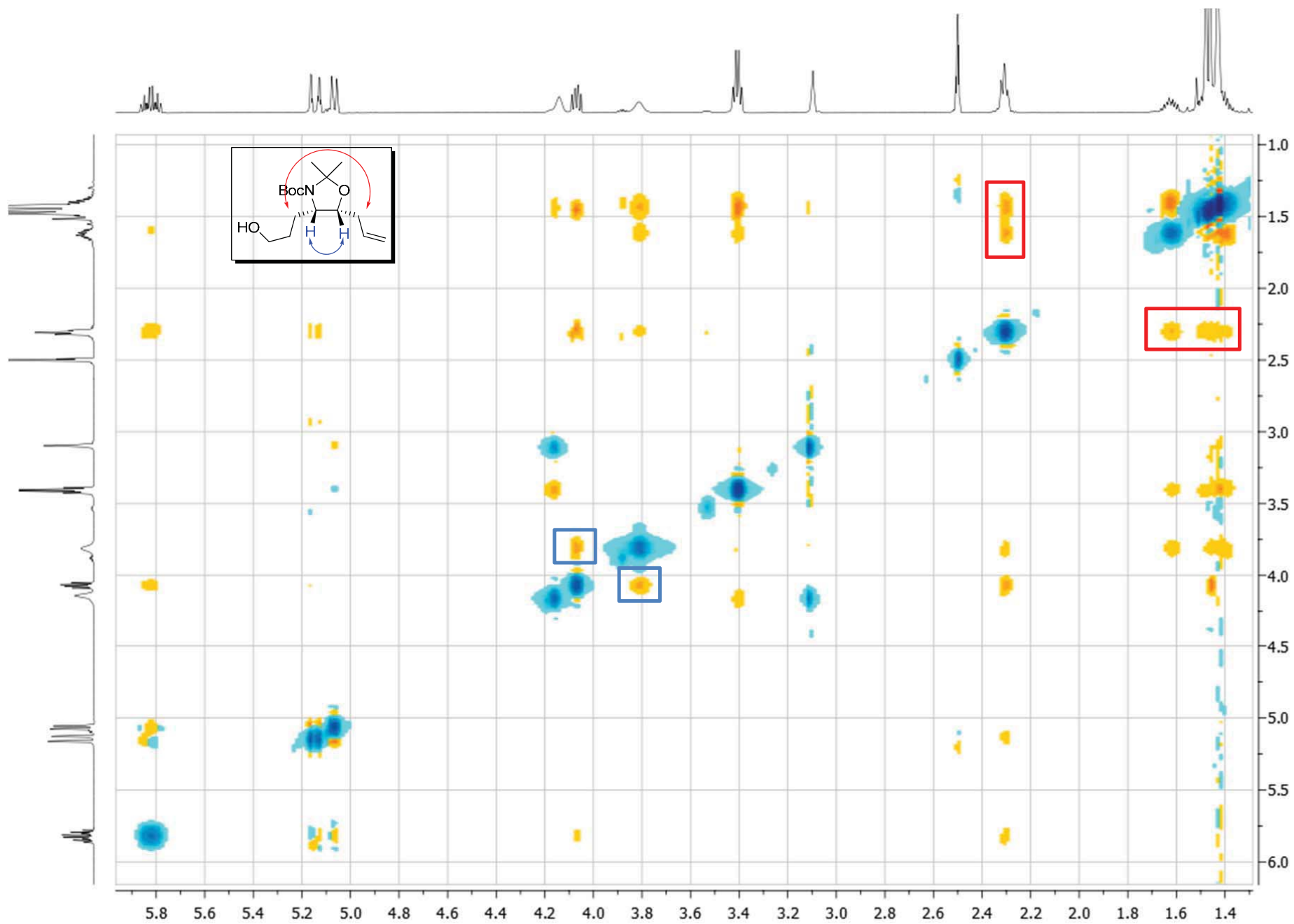
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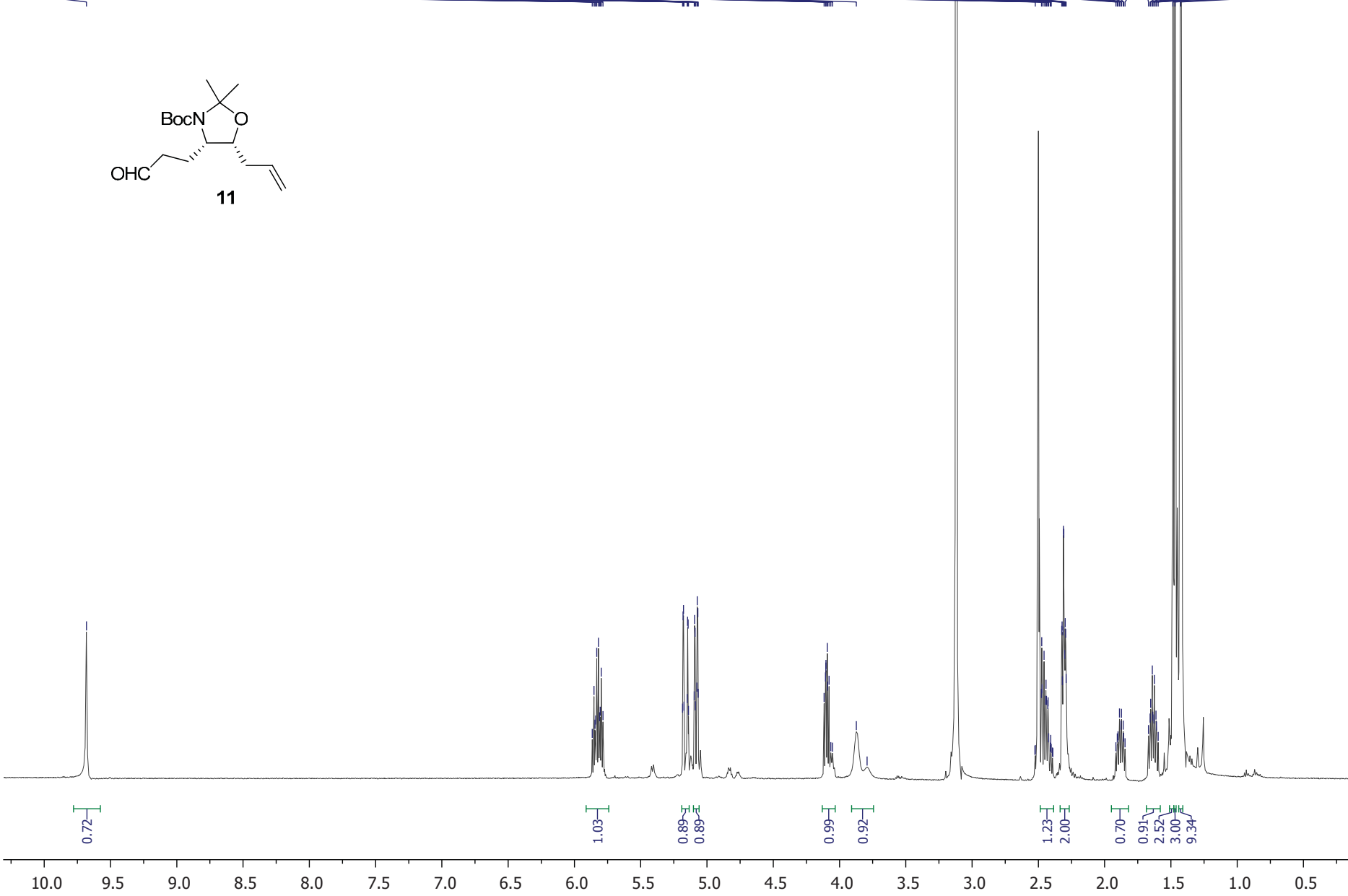
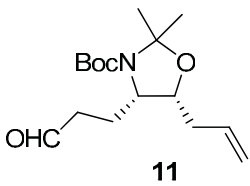


MT-II-398
338K

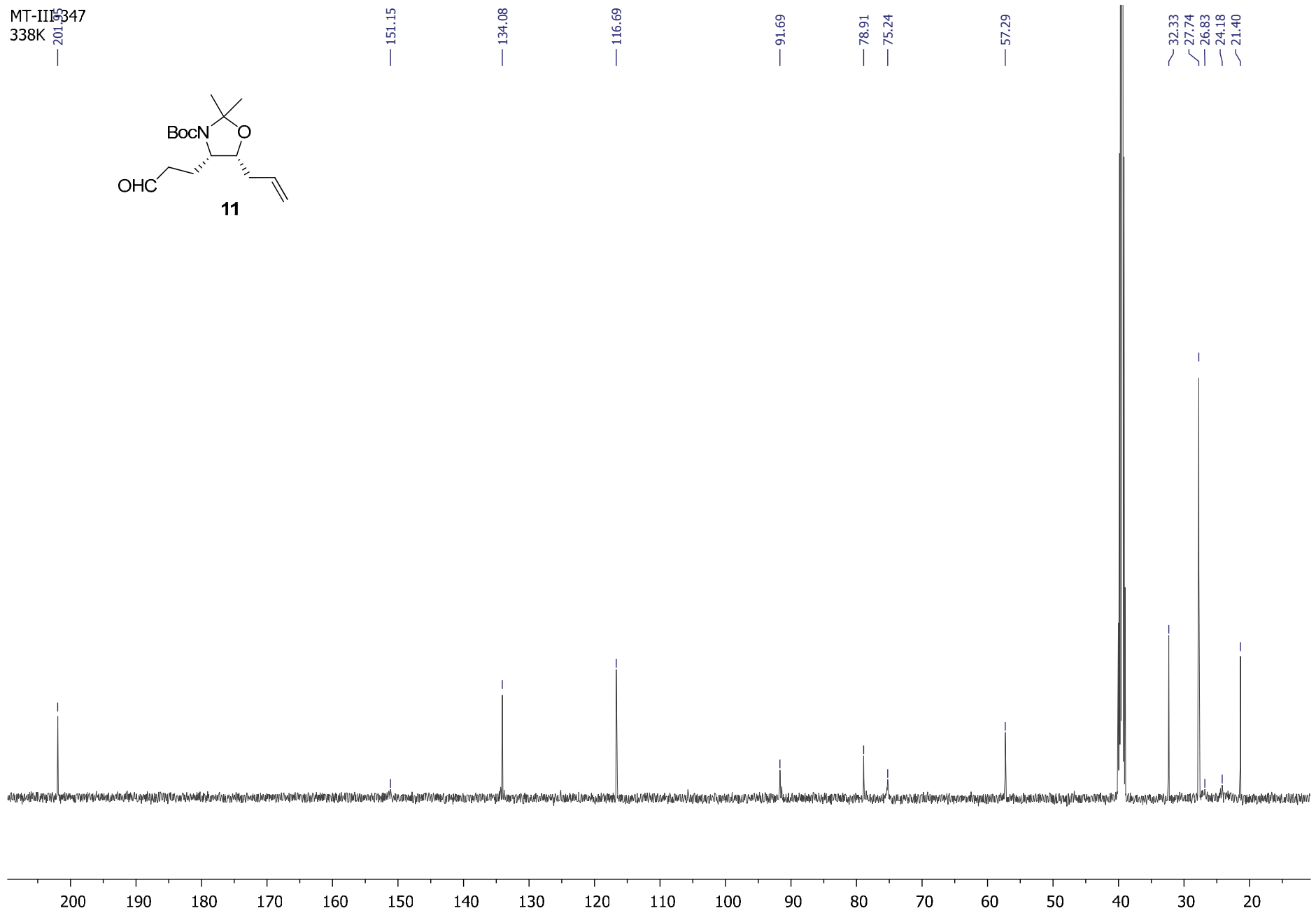
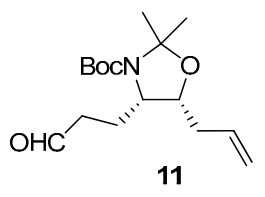




300K
5.87
5.83
5.82
5.81
5.80
5.78
5.18
5.18
5.17
5.15
5.15
5.14
5.14
5.10
5.09
5.09
5.08
5.07
5.07
5.07
4.12
4.11
4.10
4.10
4.09
4.09
4.08
4.07
4.05
3.87
2.52
2.48
2.47
2.47
2.46
2.45
2.44
2.44
2.43
2.43
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2.40
2.32
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2.32
2.31
2.31
2.31
2.30
2.30
2.29
2.29
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1.89
1.88
1.87
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1.43

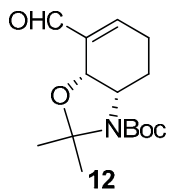


MT-III-347
338K



MT-II-370

9.57
9.51



7.12

6.78

5.30

4.70

4.58

4.57

4.56

4.39

4.38

4.38

4.37

4.37

3.93

3.91

3.90

3.79

3.78

2.55

2.50

2.31

2.30

2.29

2.29

2.26

2.25

2.22

2.17

1.63

1.61

1.58

1.57

1.54

1.50

1.49

1.48

1.46

1.40

1.36

1.00

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0.26

1.08

0.29

0.27

1.52

0.84

1.46

2.18

0.78

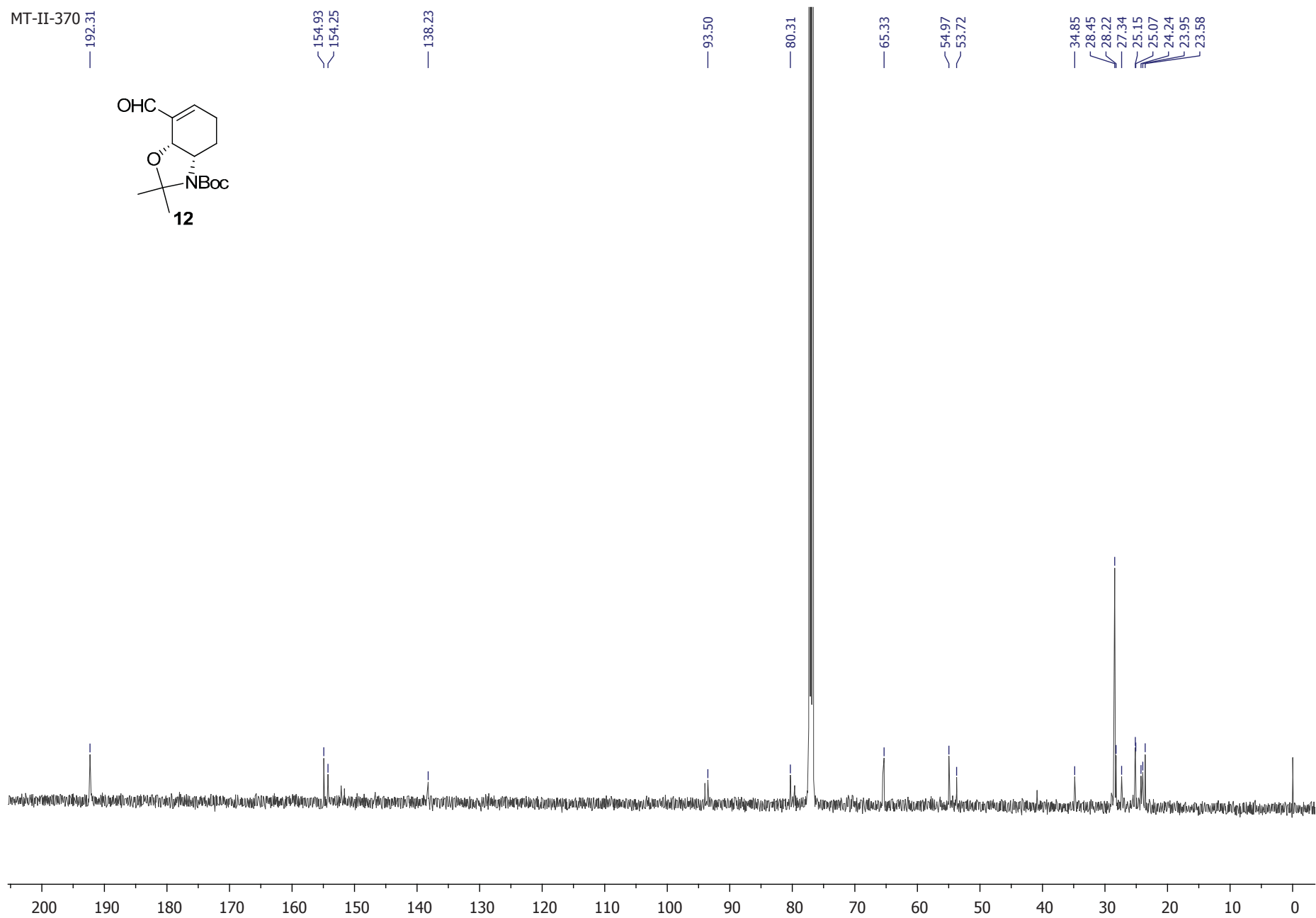
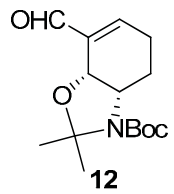
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5.41

15.91

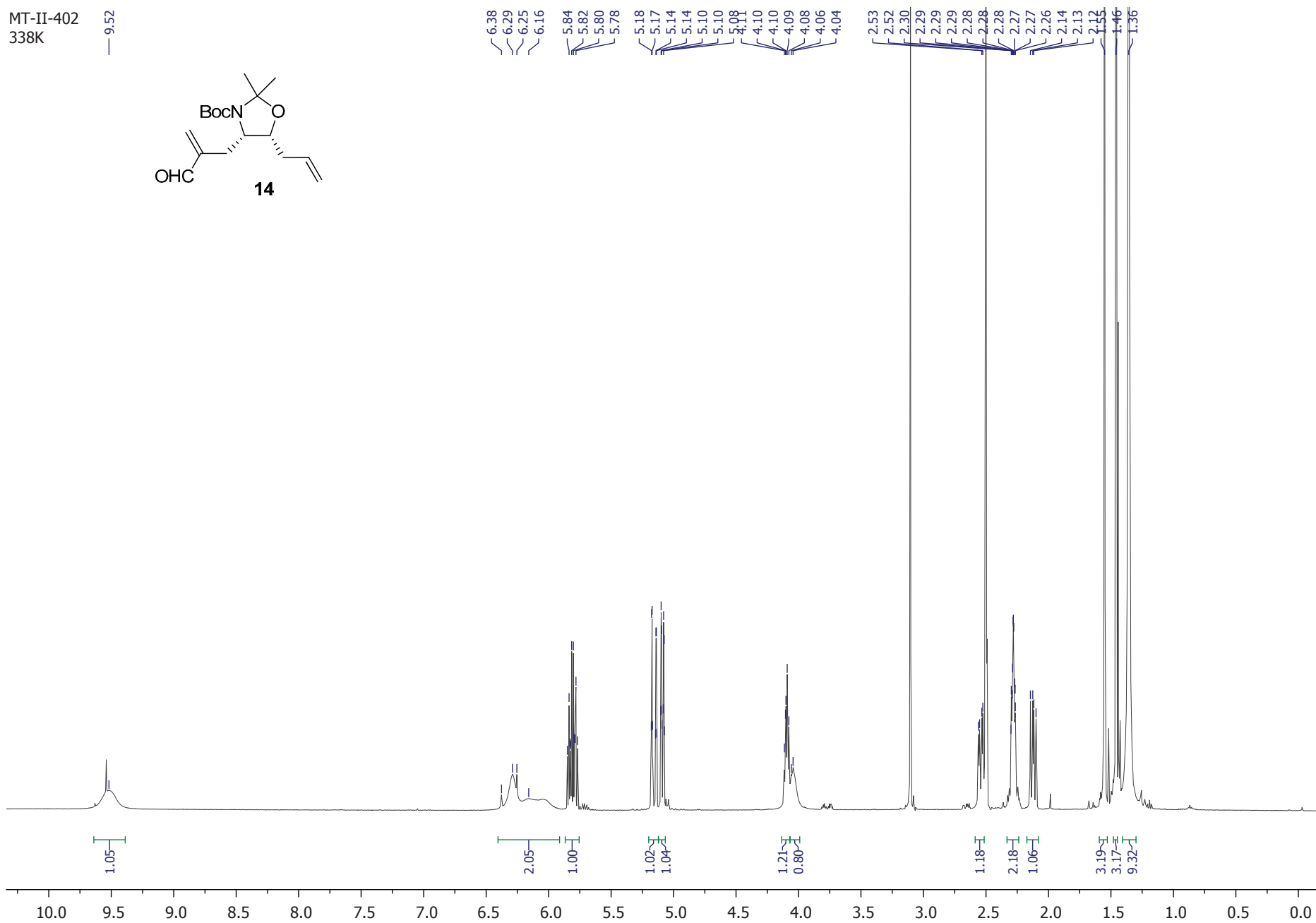
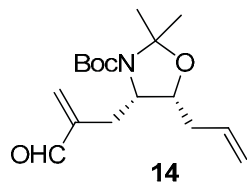
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MT-II-370

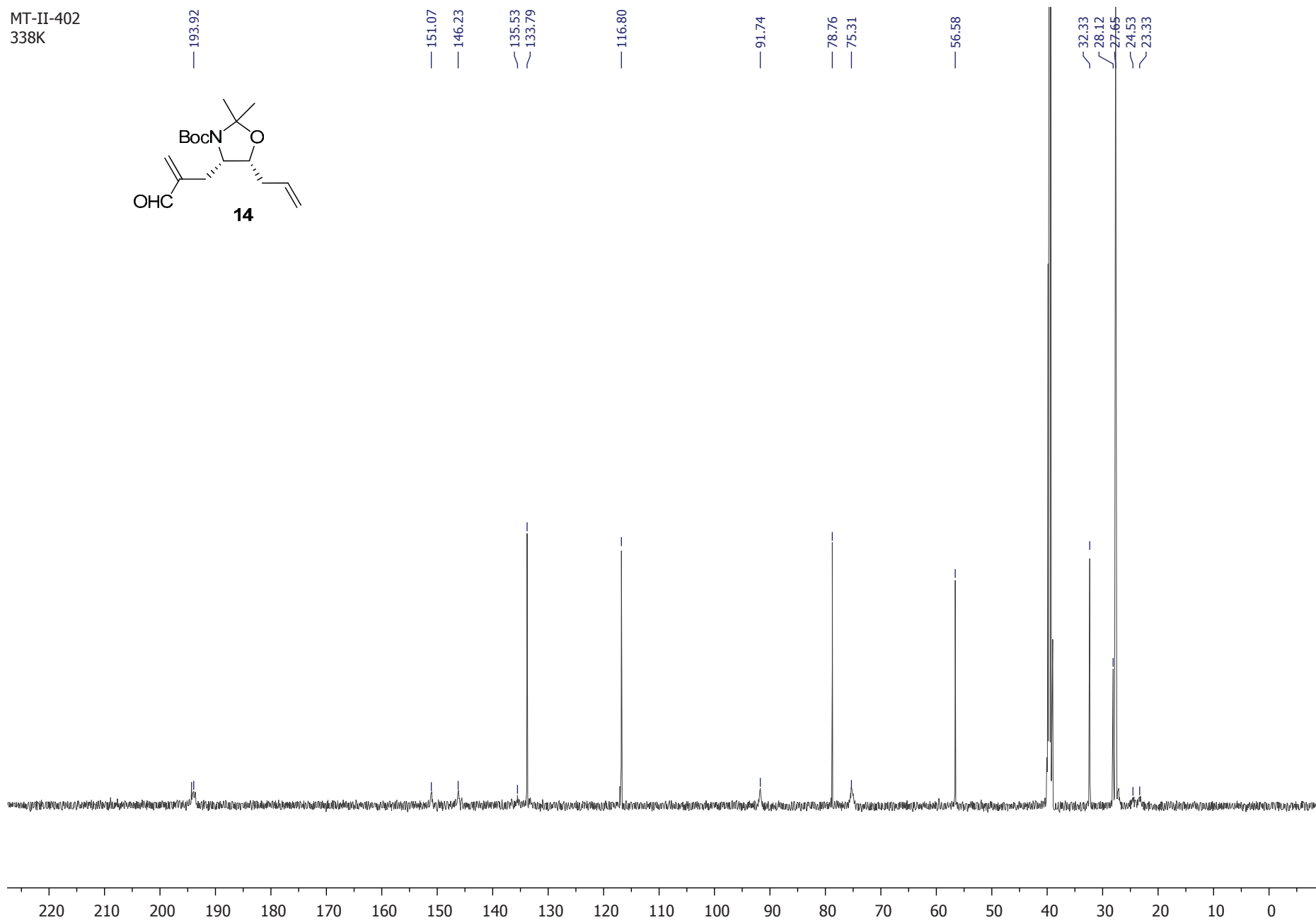
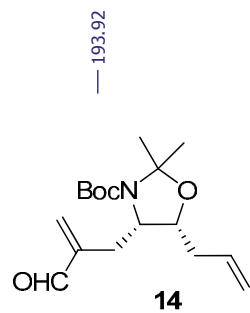


MT-II-402
338K

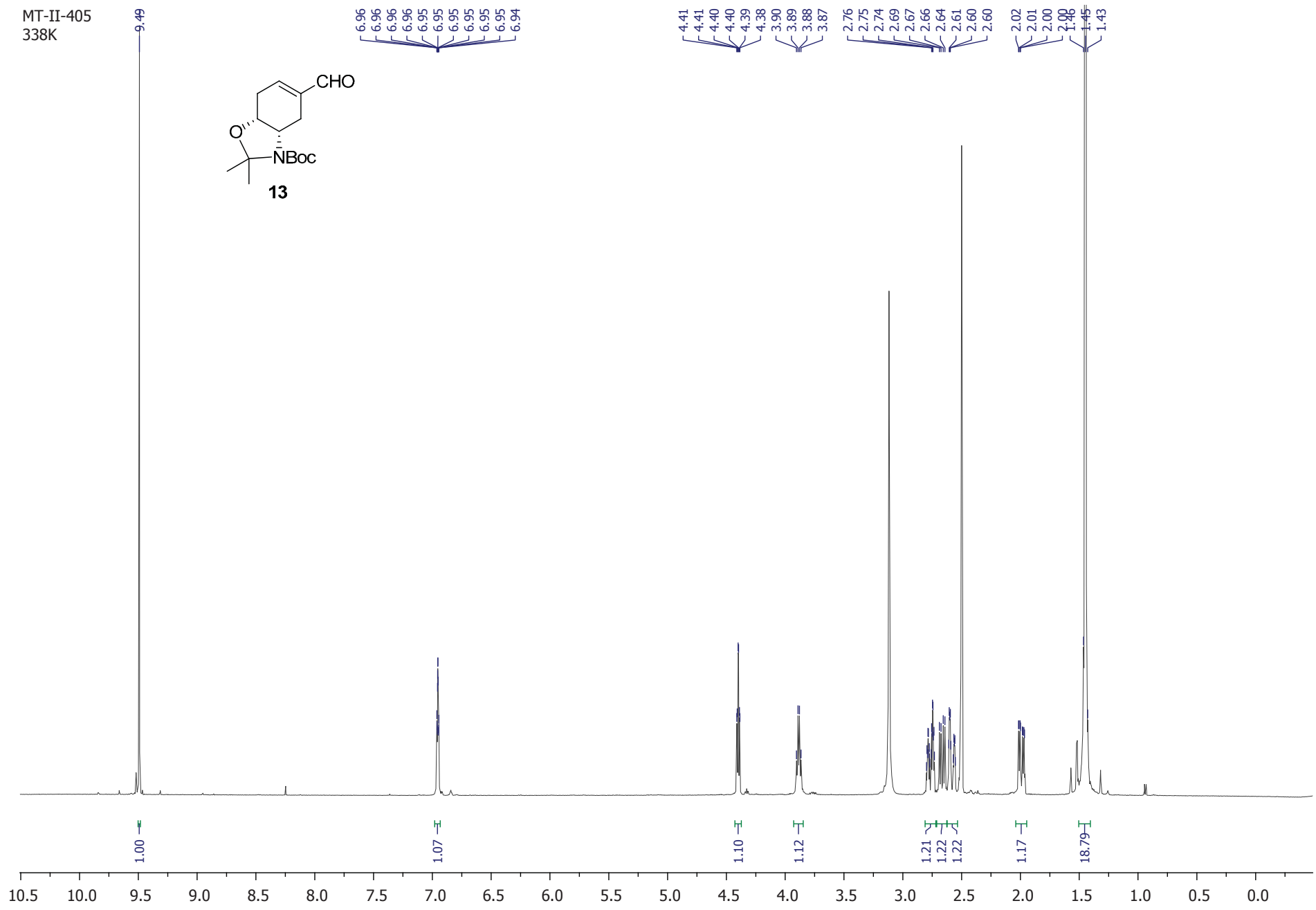
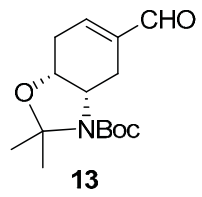
— 9.52



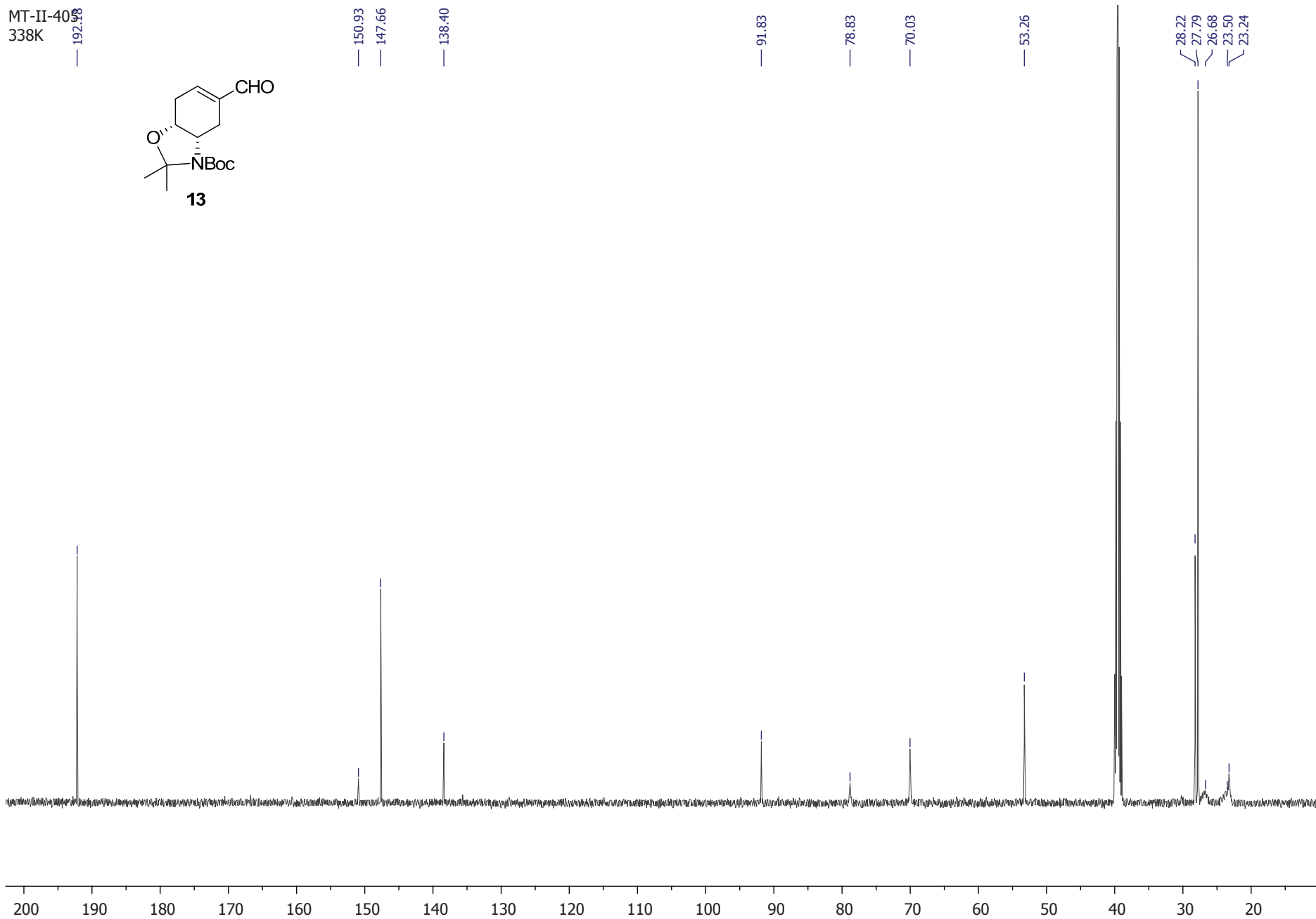
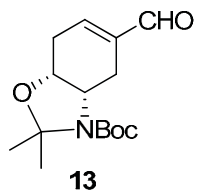
MT-II-402
338K



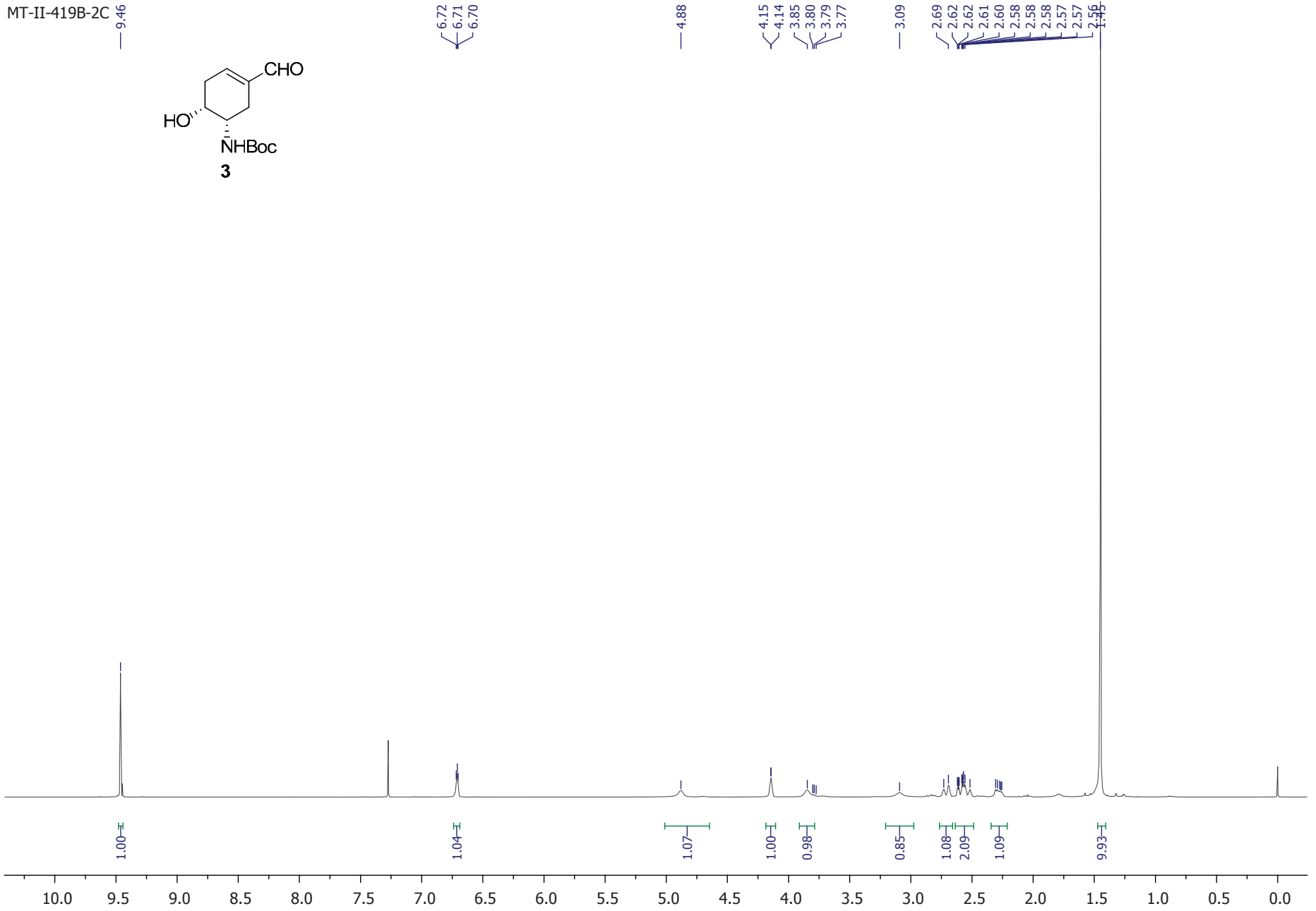
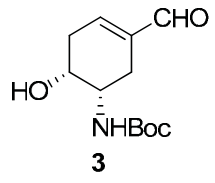
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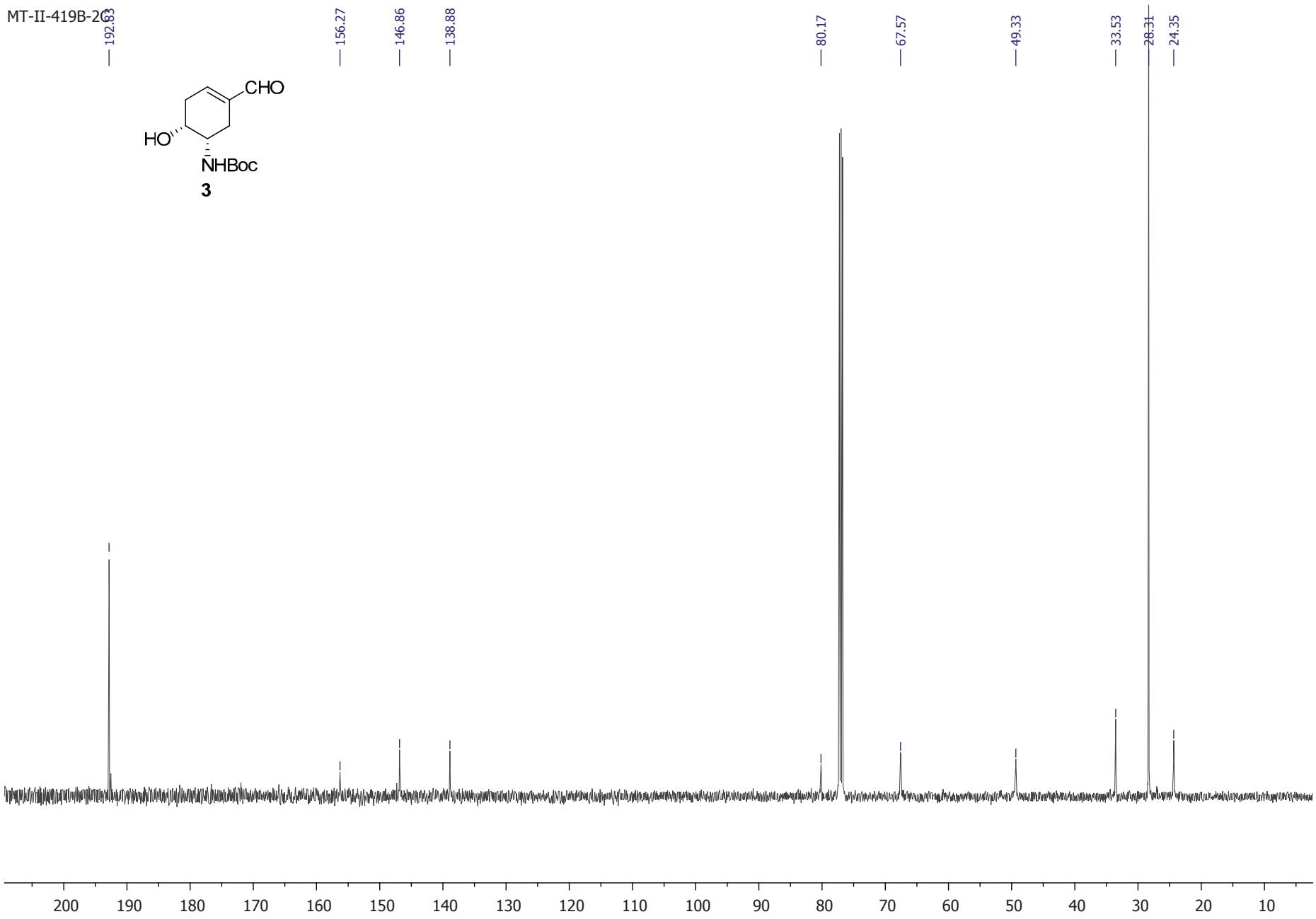
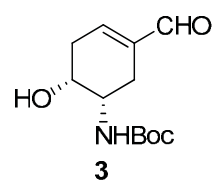
MT-II-40
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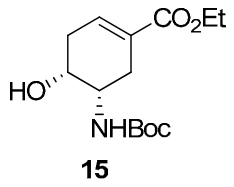
MT-II-419B-2C



MT-II-419B-203



6.97
6.91
6.87
6.86

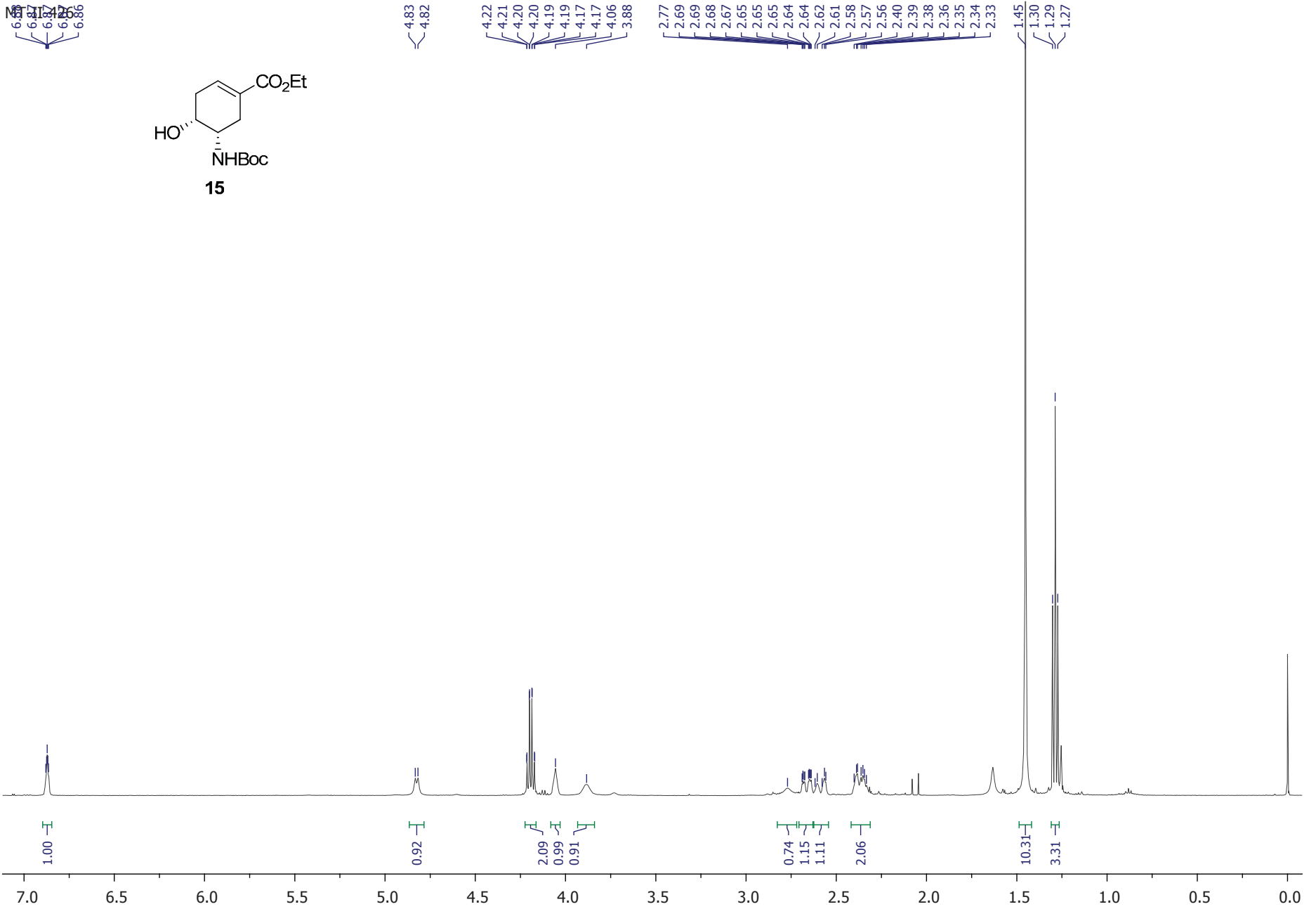


4.83
4.82

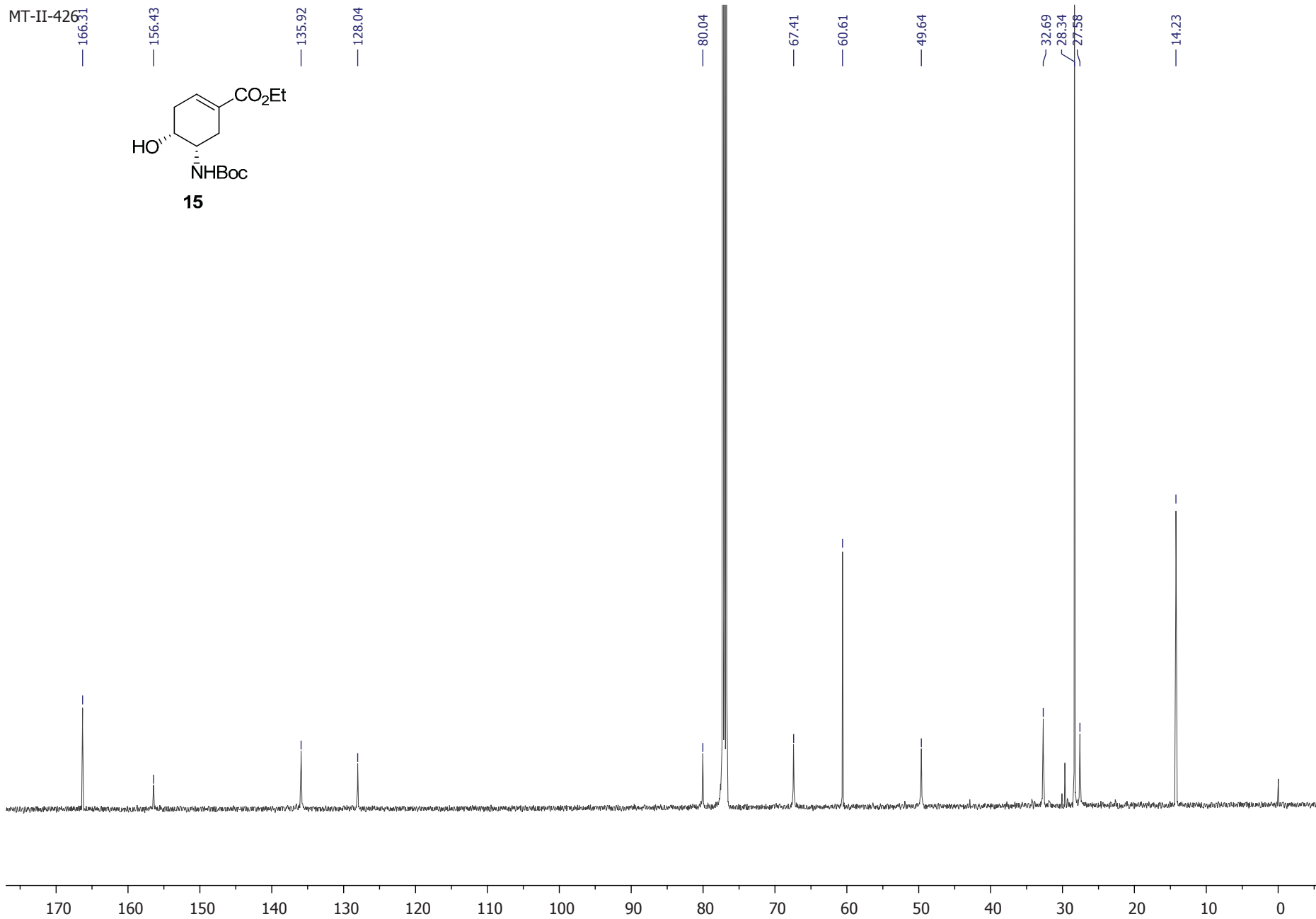
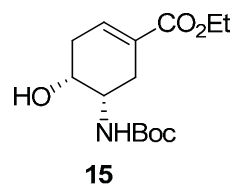
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2.65
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2.33

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1.27

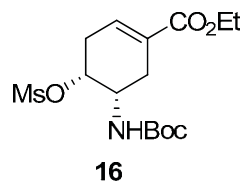


MT-II-426



MT-II-395

6.83



5.13

4.87
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4.27
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2.78
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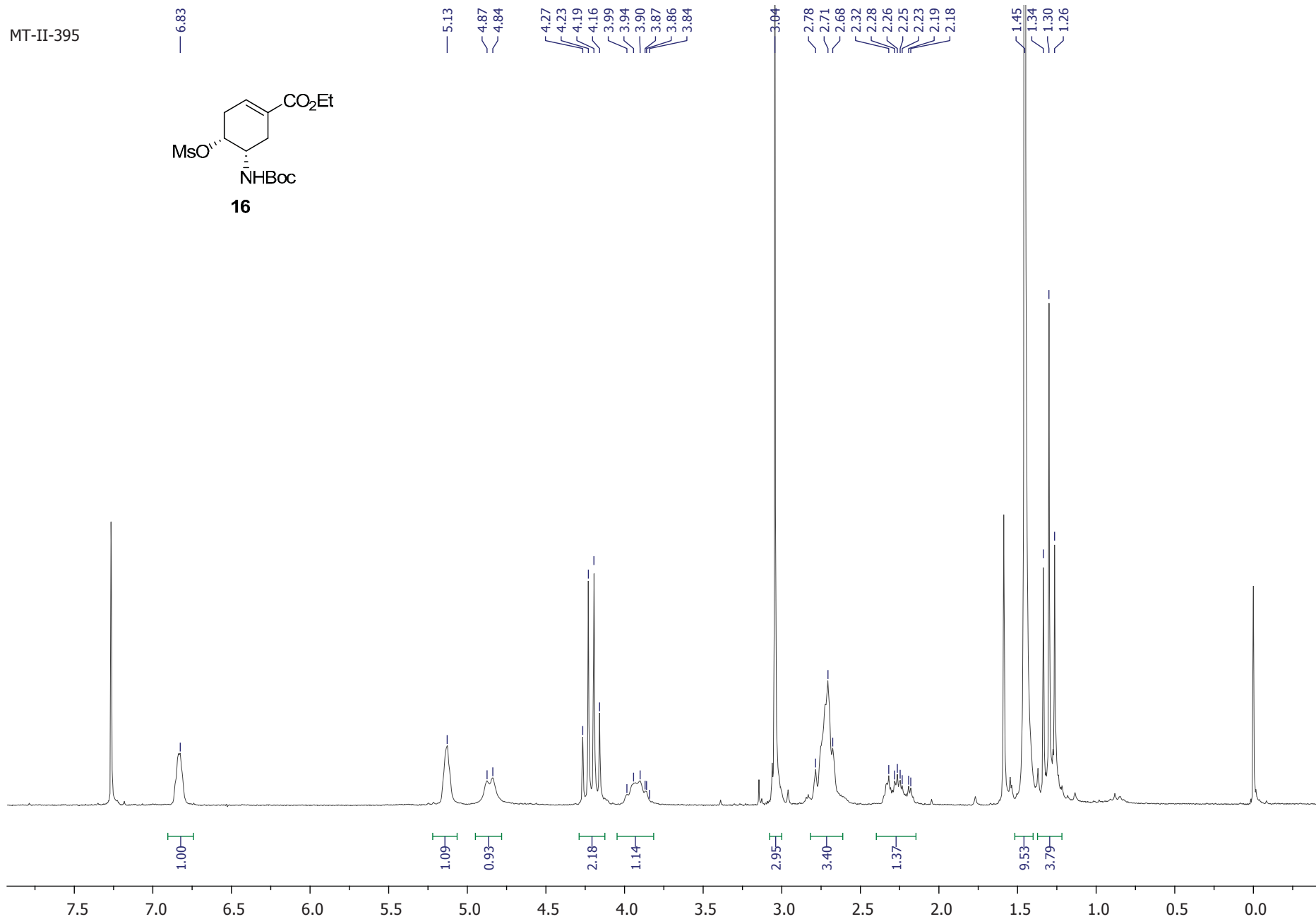
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1.26



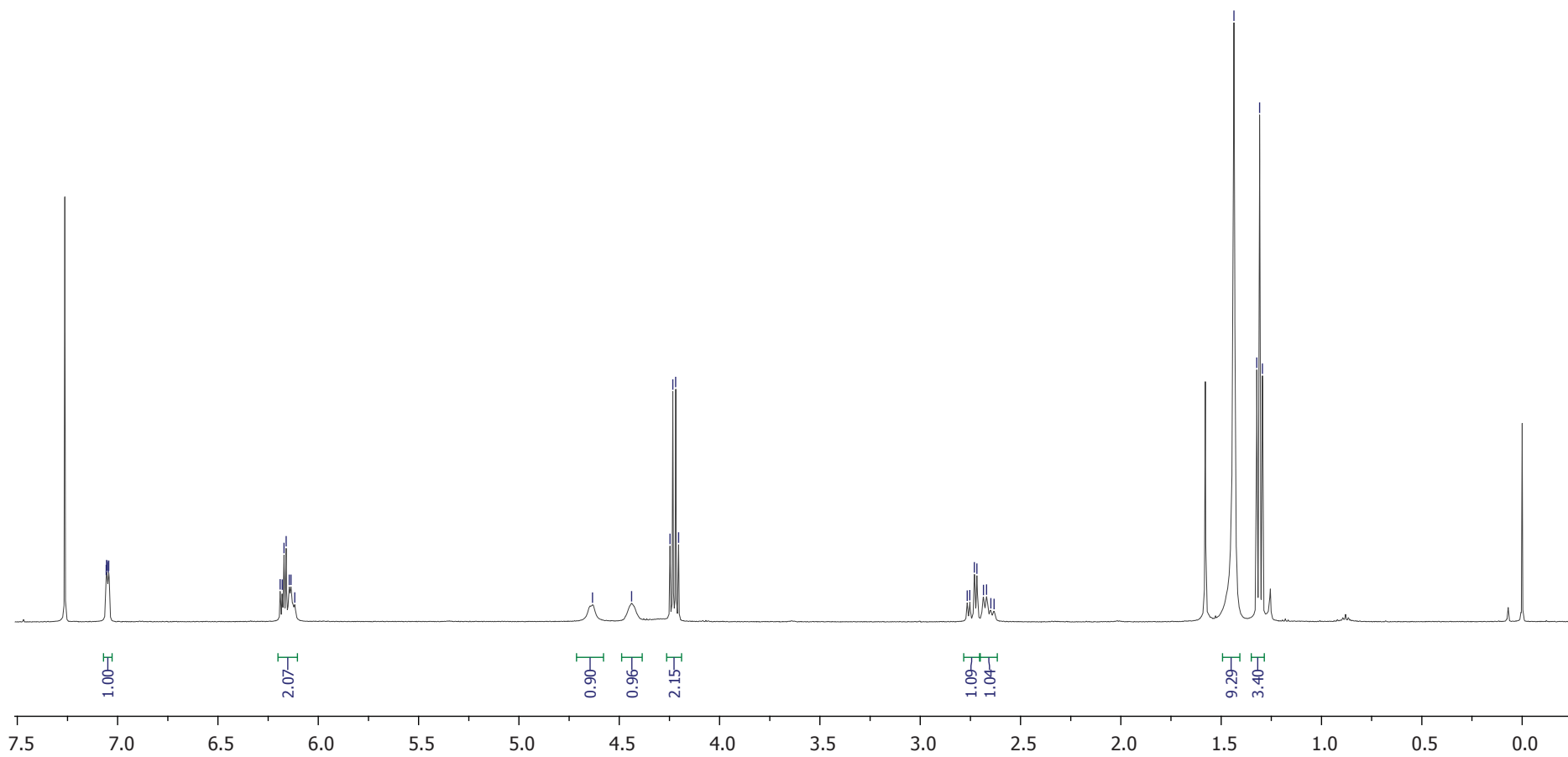
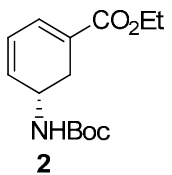
MT-II-29
7.05
7.05
7.04

6.18
6.17
6.16
6.14
6.14
6.12

4.63
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4.23
4.22
4.20

2.77
2.75
2.73
2.72
2.69
2.67
2.65
2.63

1.44
1.32
1.31
1.29



MT-II-29

— 166.82

— 154.81

— 132.52
— 131.69

— 127.01
— 124.84

— 79.67

— 60.63

— 43.39

— 28.88
— 28.36

— 14.25

