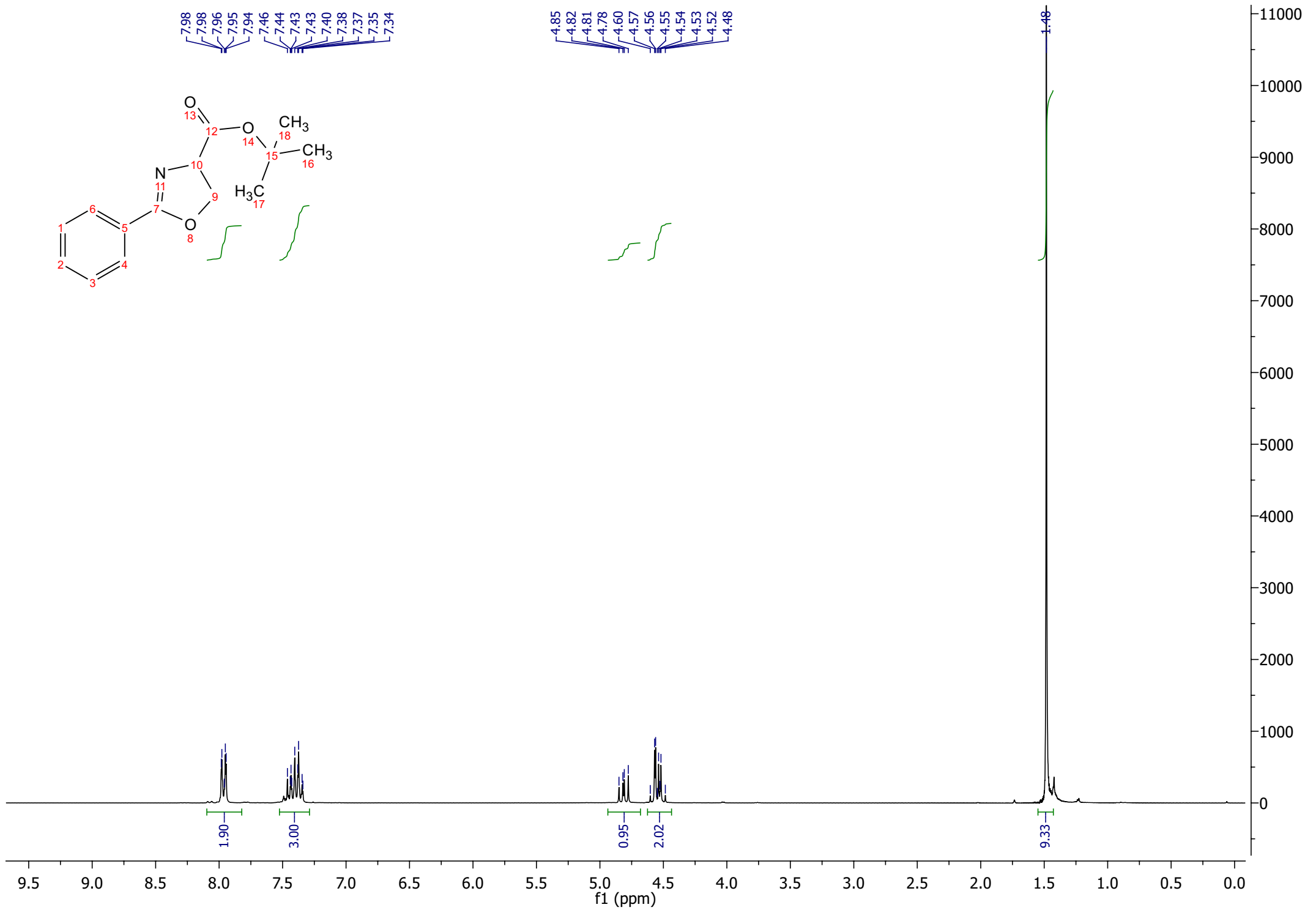
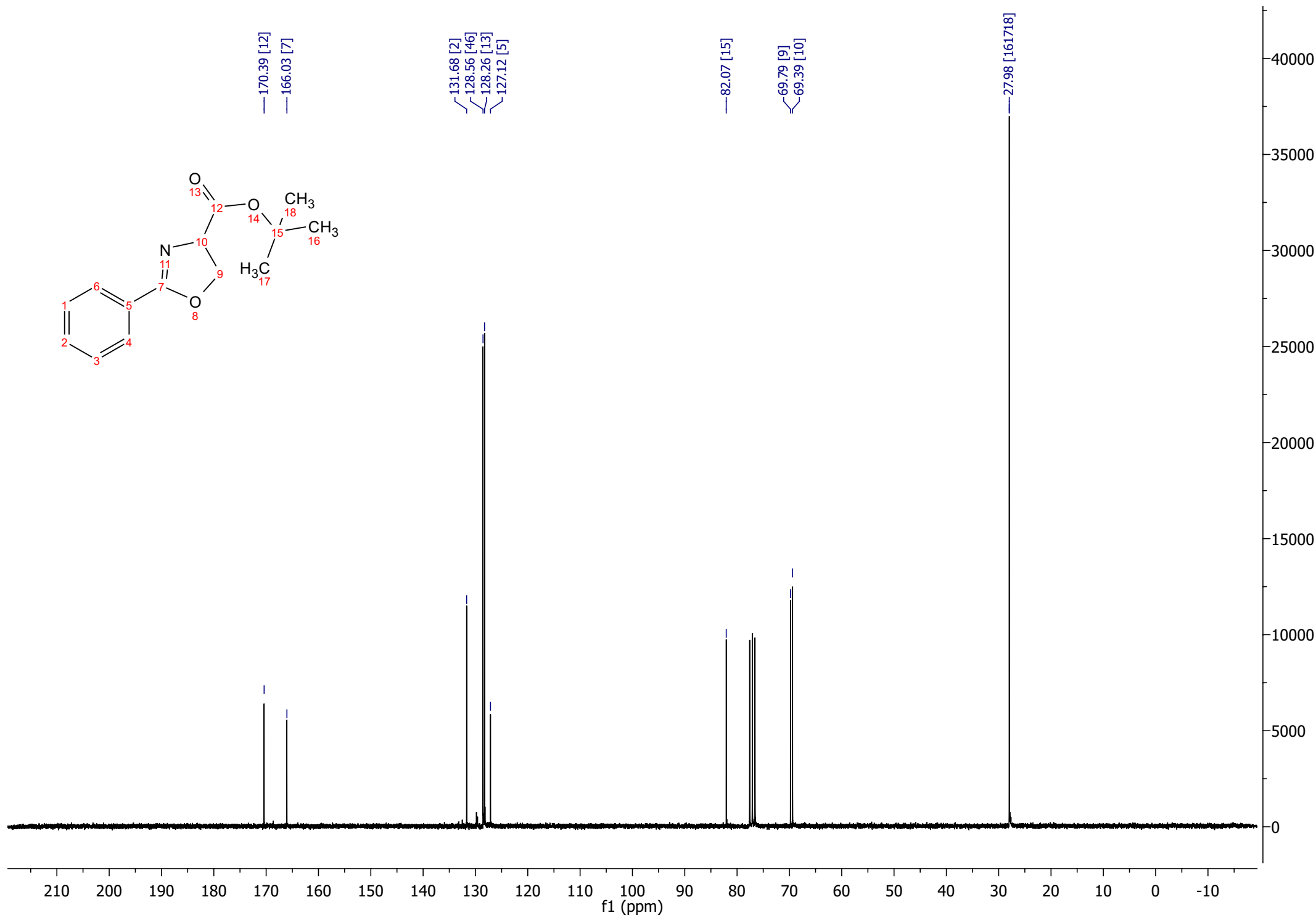
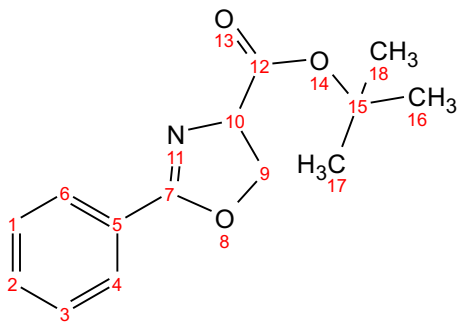
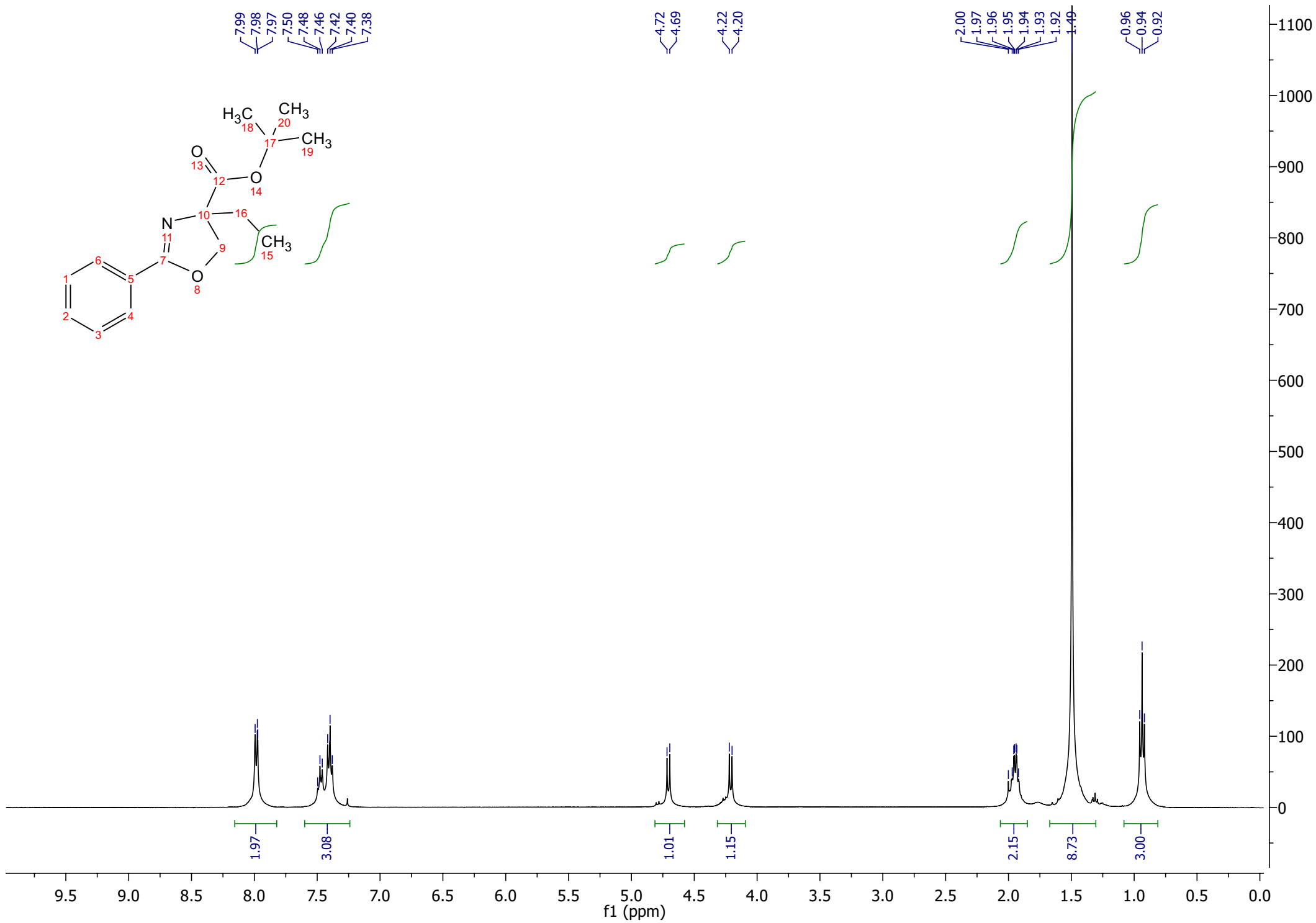


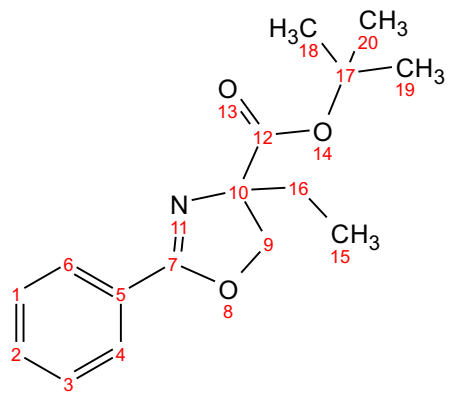
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7.98  
7.96  
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7.94  
7.46  
7.44  
7.43  
7.43  
7.40  
7.38  
7.37  
7.35  
7.34

4.85  
4.82  
4.81  
4.78  
4.60  
4.57  
4.56  
4.55  
4.54  
4.53  
4.52  
4.48









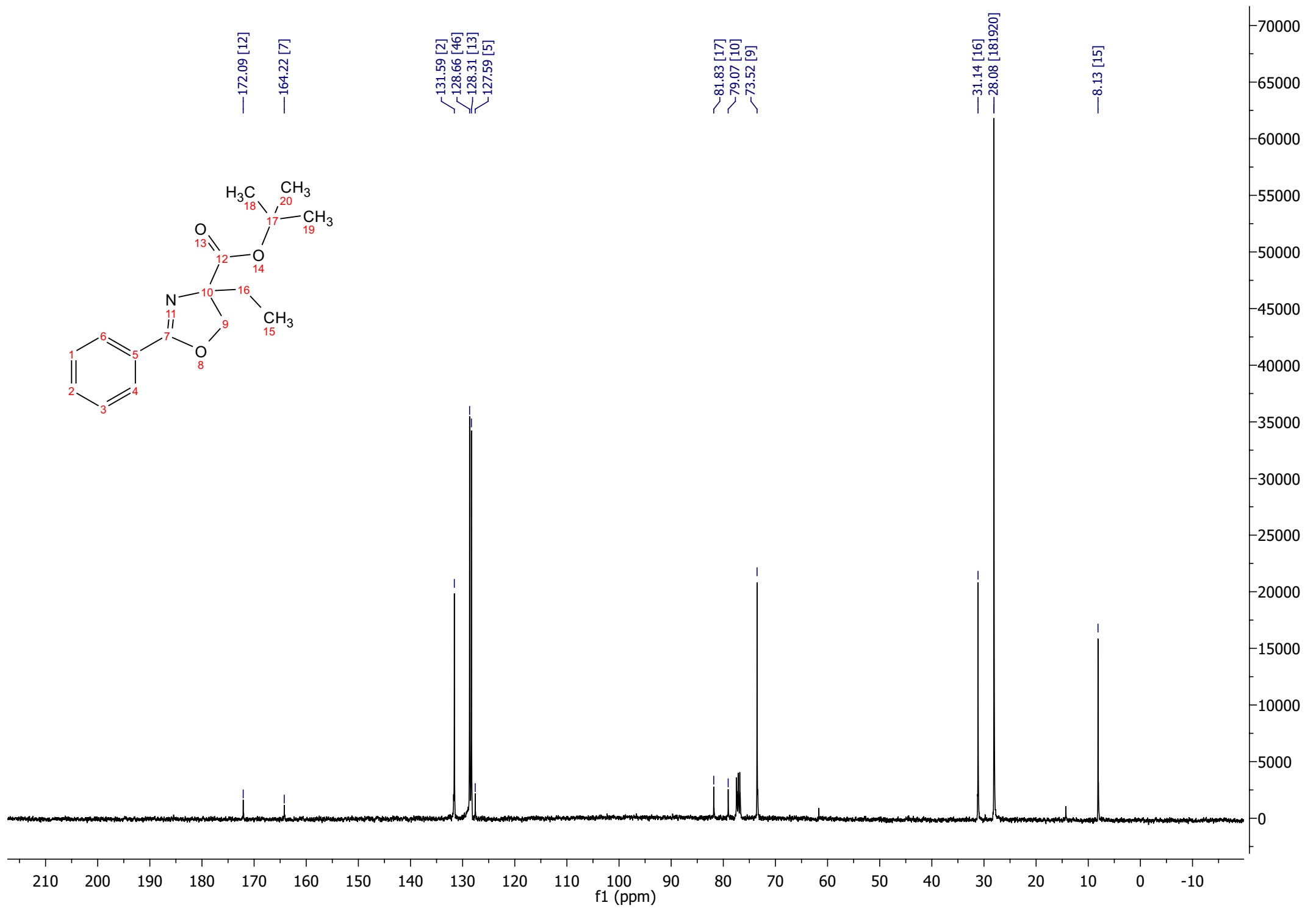
—172.09 [12]  
—164.22 [7]

—131.59 [2]  
—128.66 [46]  
—128.31 [13]  
—127.59 [5]

—81.83 [17]  
—79.07 [10]  
—73.52 [9]

—31.14 [16]  
—28.08 [181920]

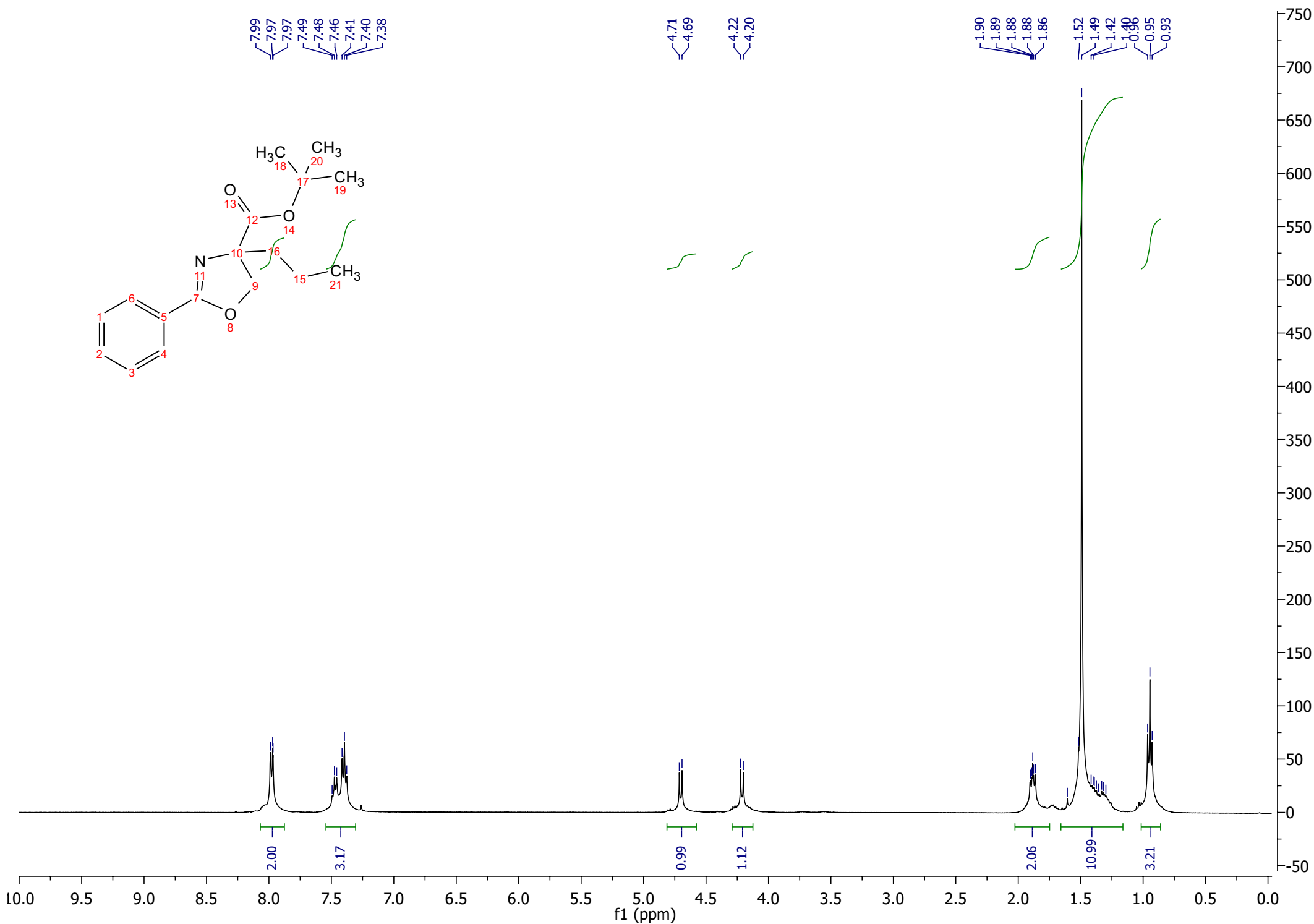
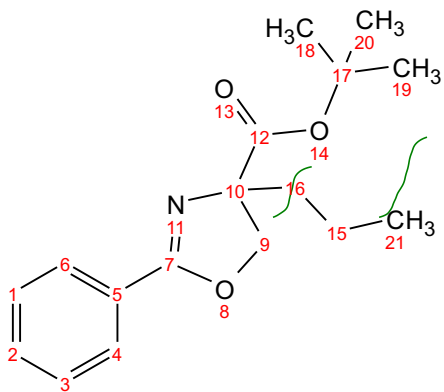
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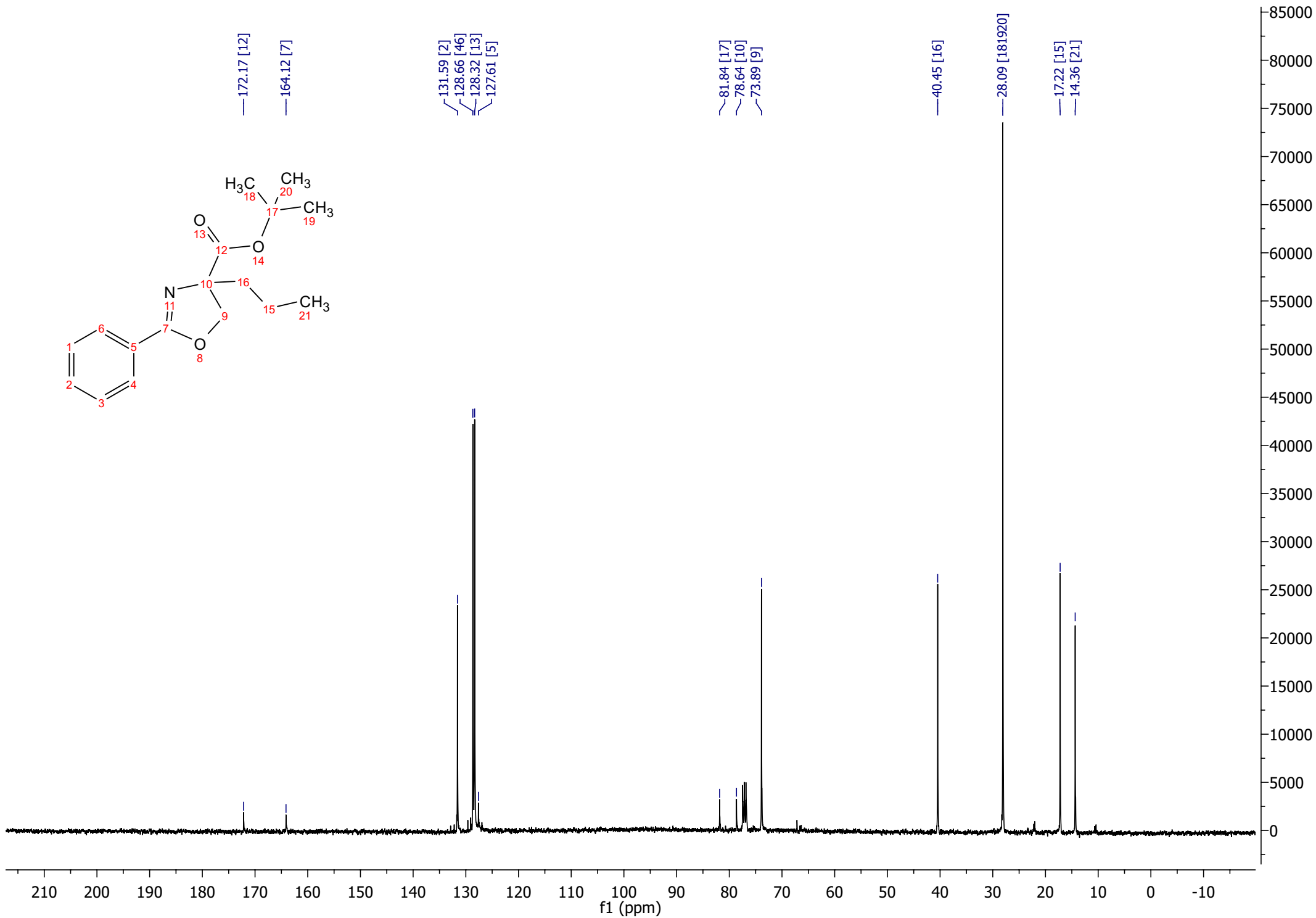
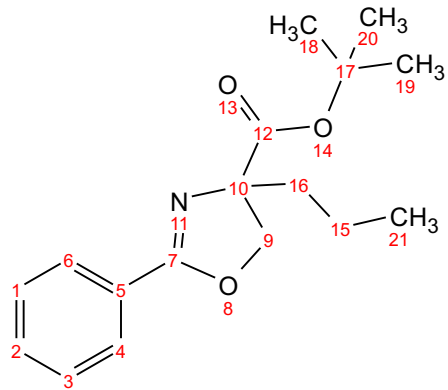


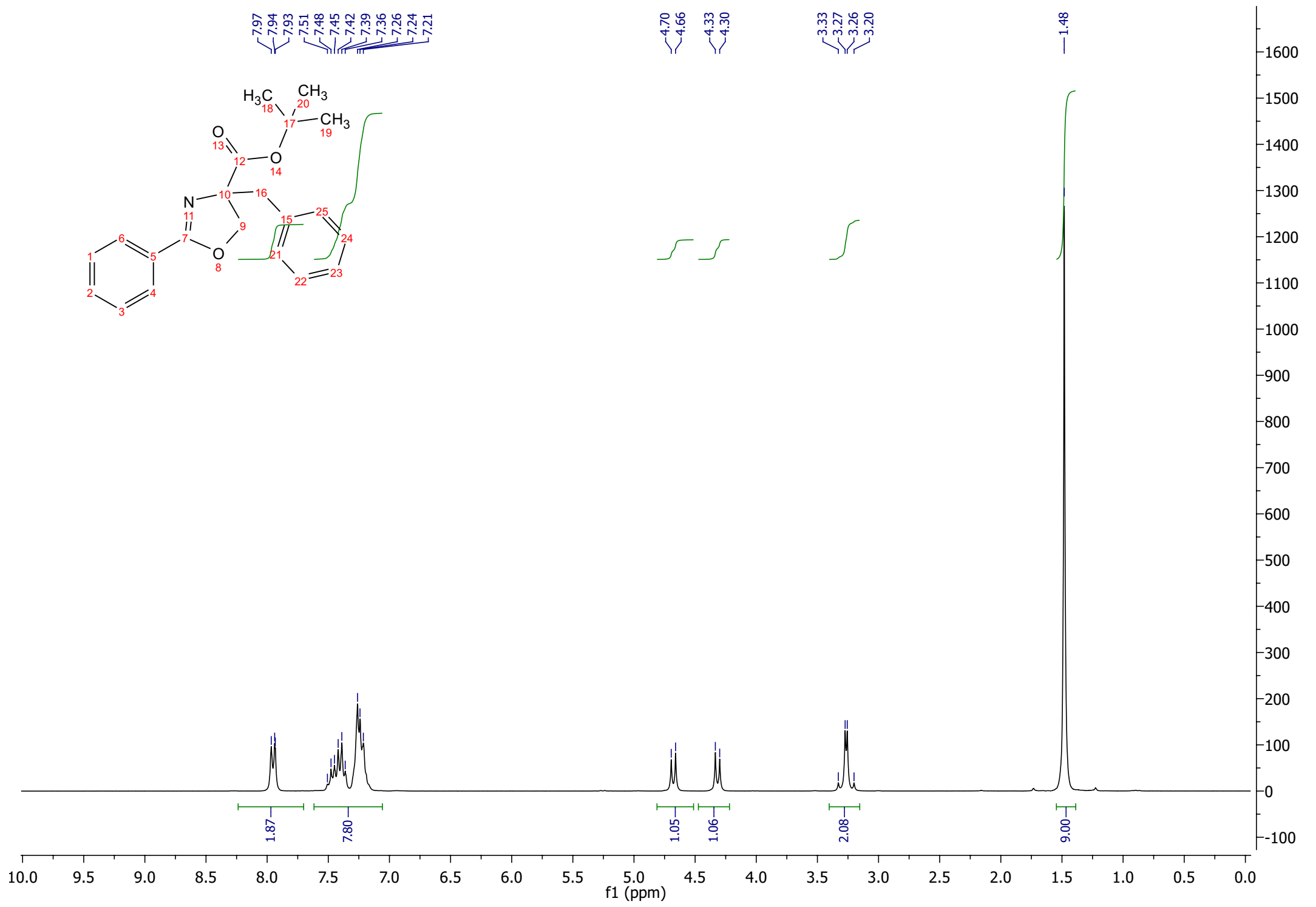
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7.38

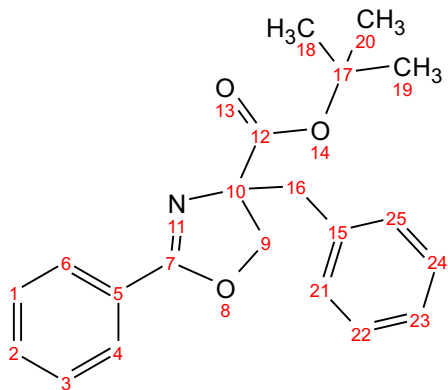
4.71  
4.69  
4.22  
4.20

1.90  
1.89  
1.88  
1.88  
1.86  
1.52  
1.49  
1.42  
1.40  
0.96  
0.95  
0.93









171.50 [12]

164.68 [7]

135.81 [15]

131.61 [2]

130.48 [22]

128.62 [46]

128.29 [13]

128.25 [21]

127.51 [5]

126.92 [23]

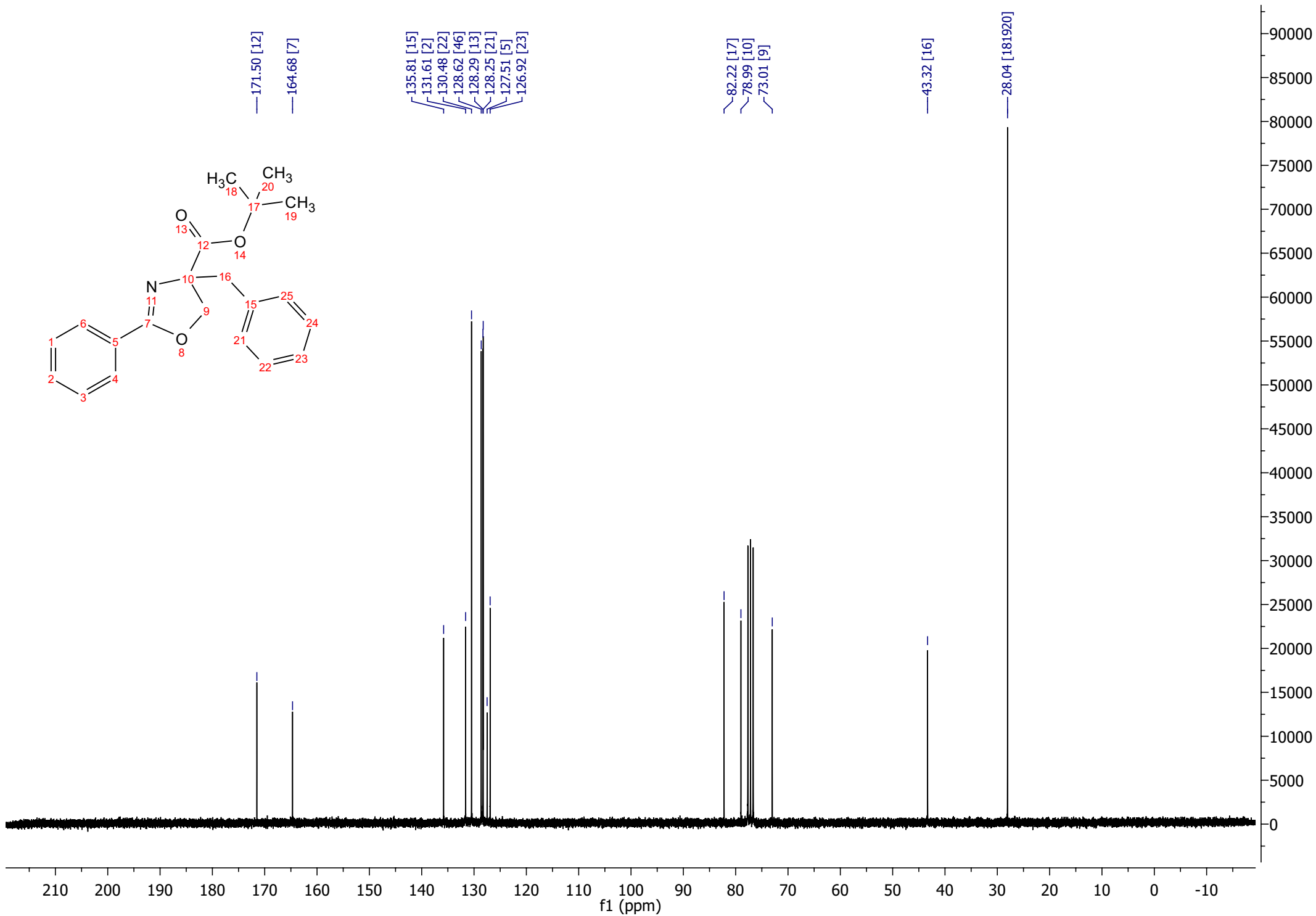
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78.99 [10]

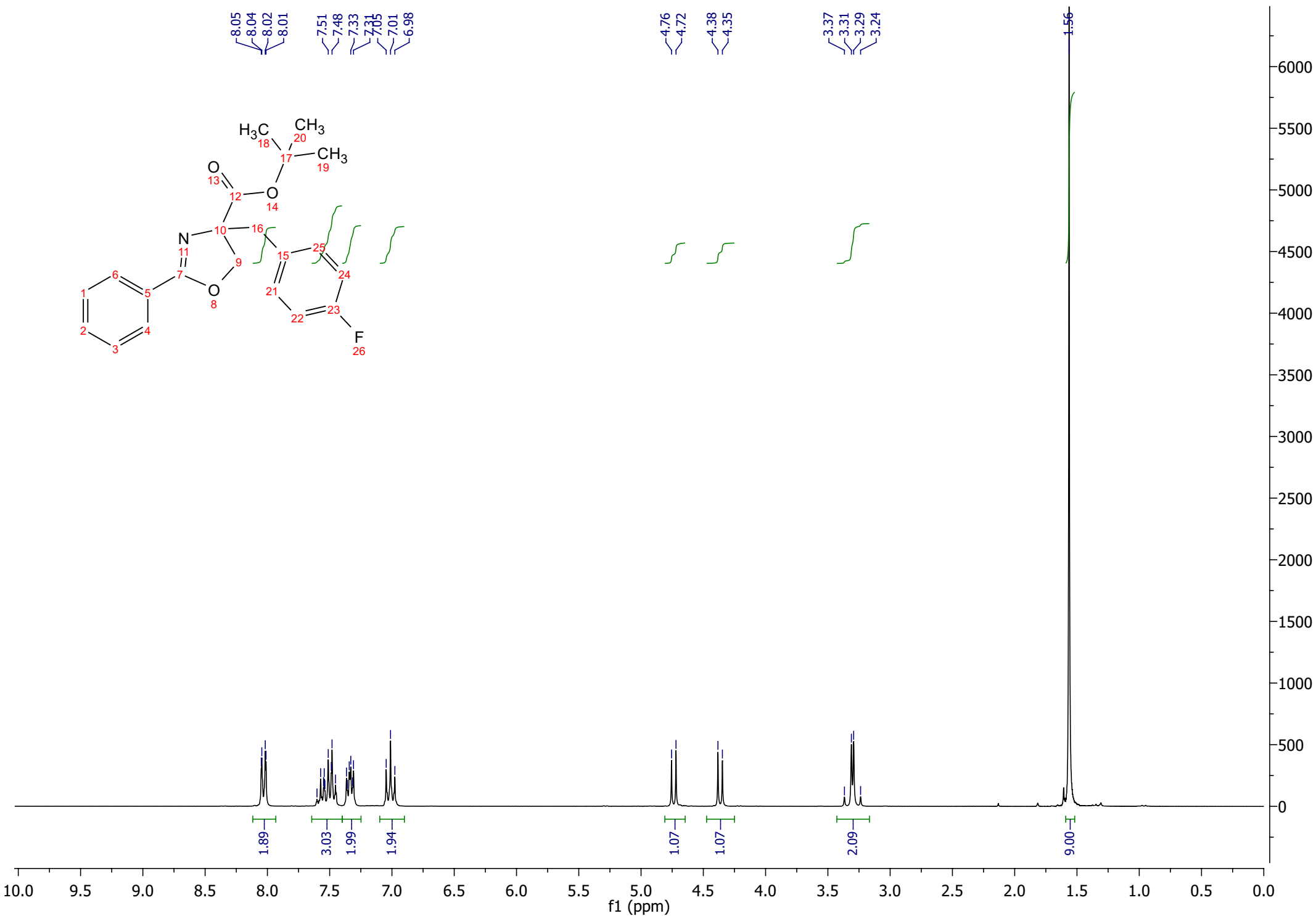
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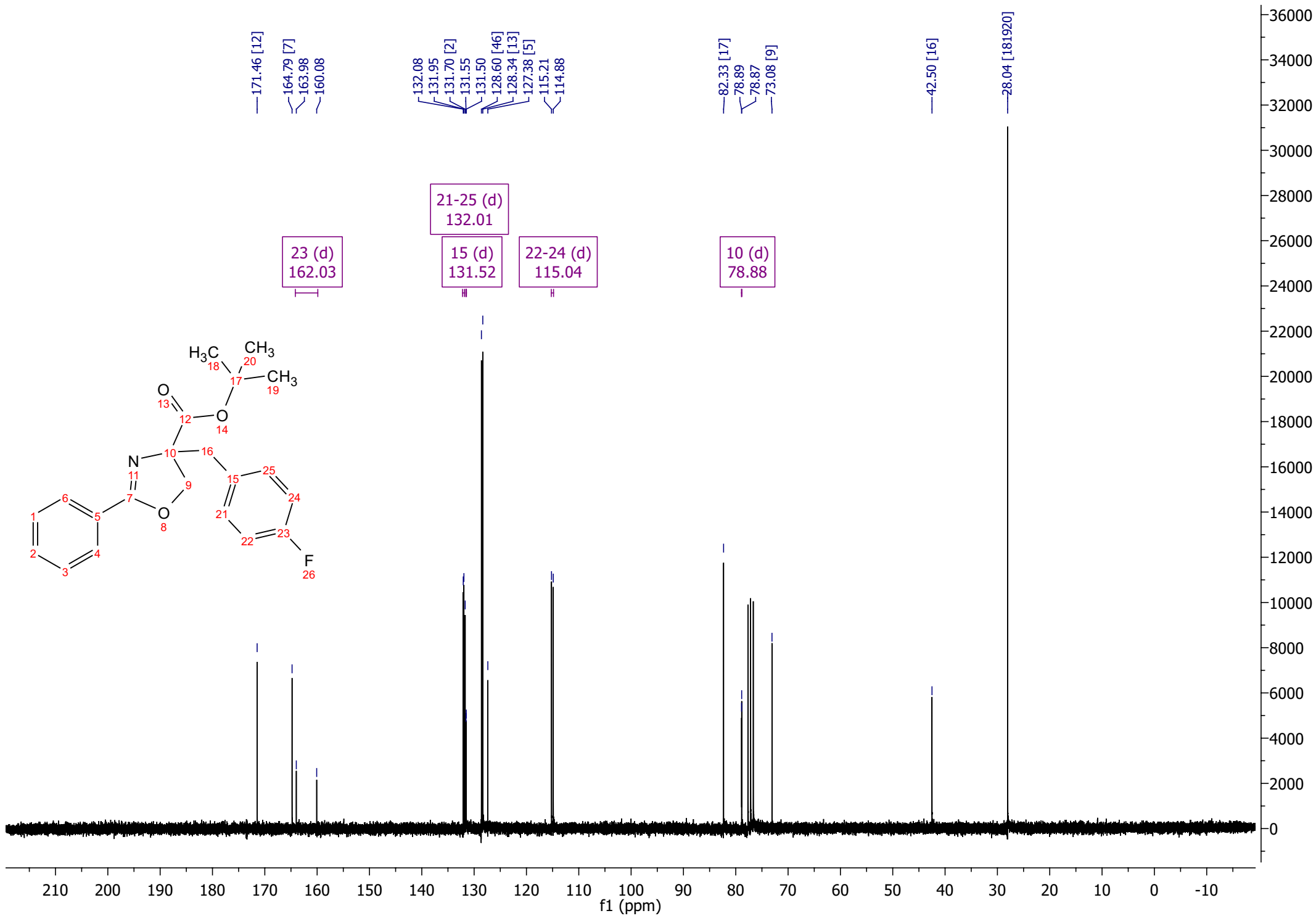
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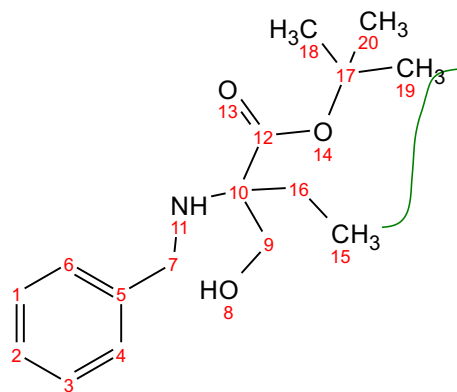
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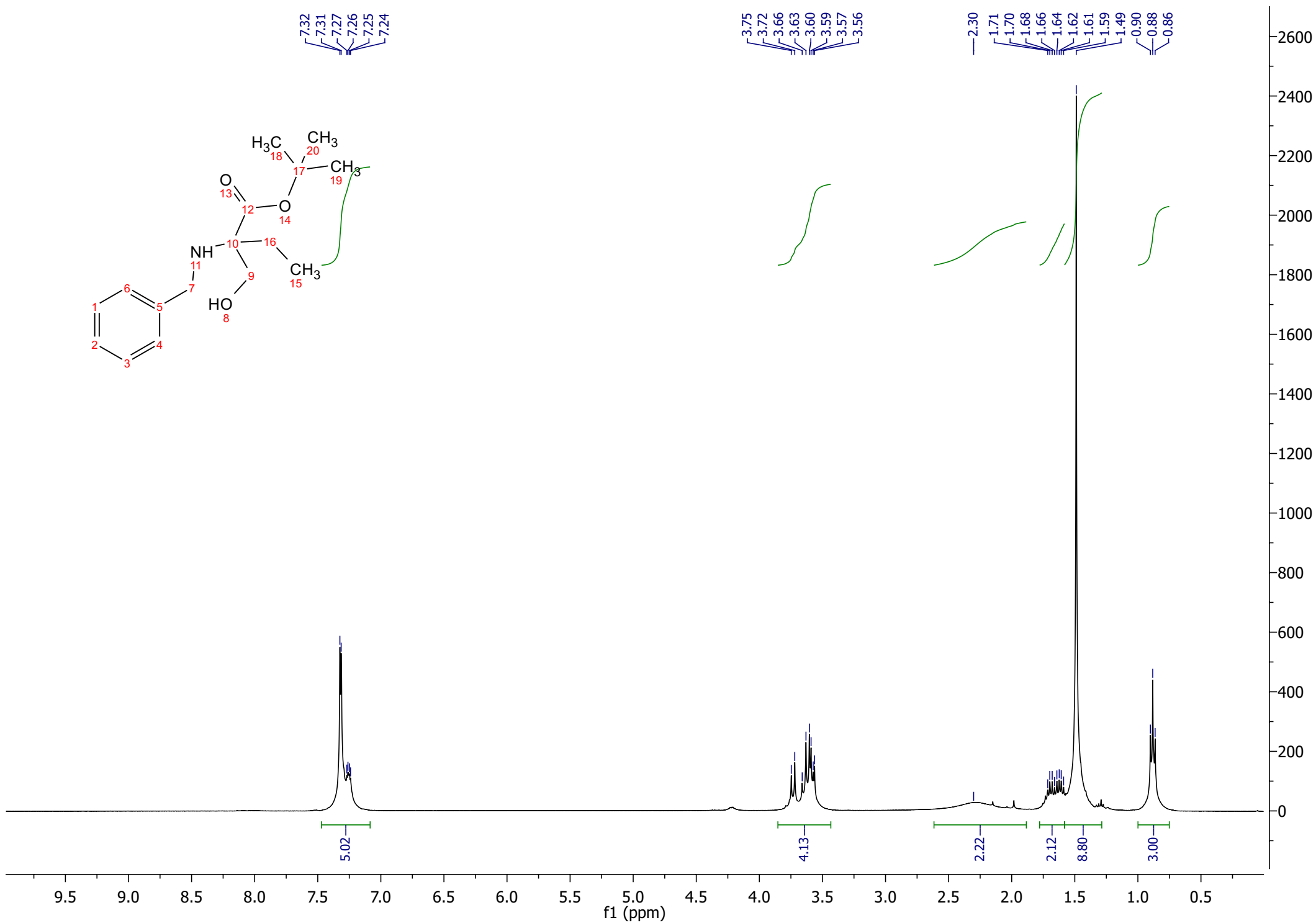


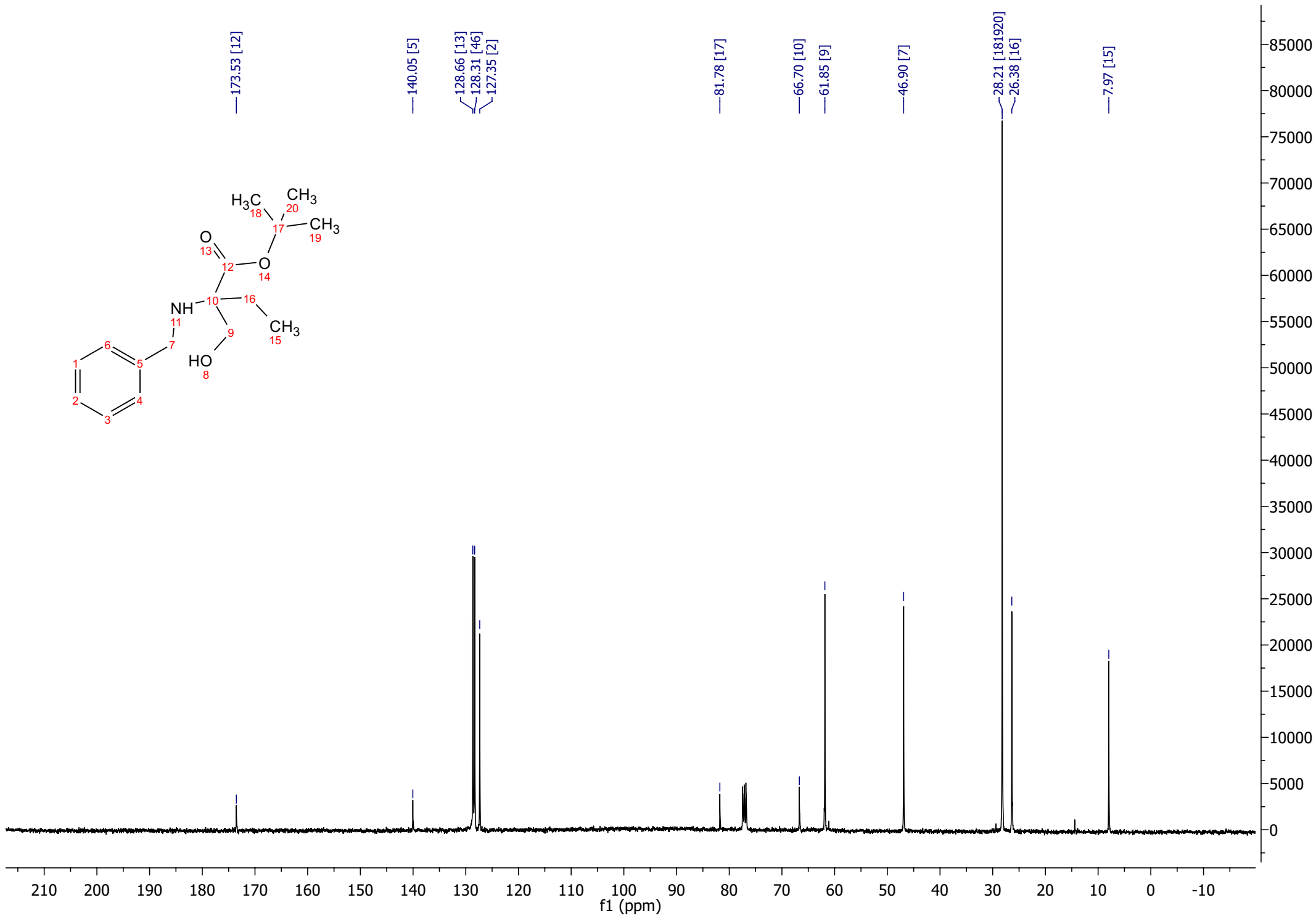


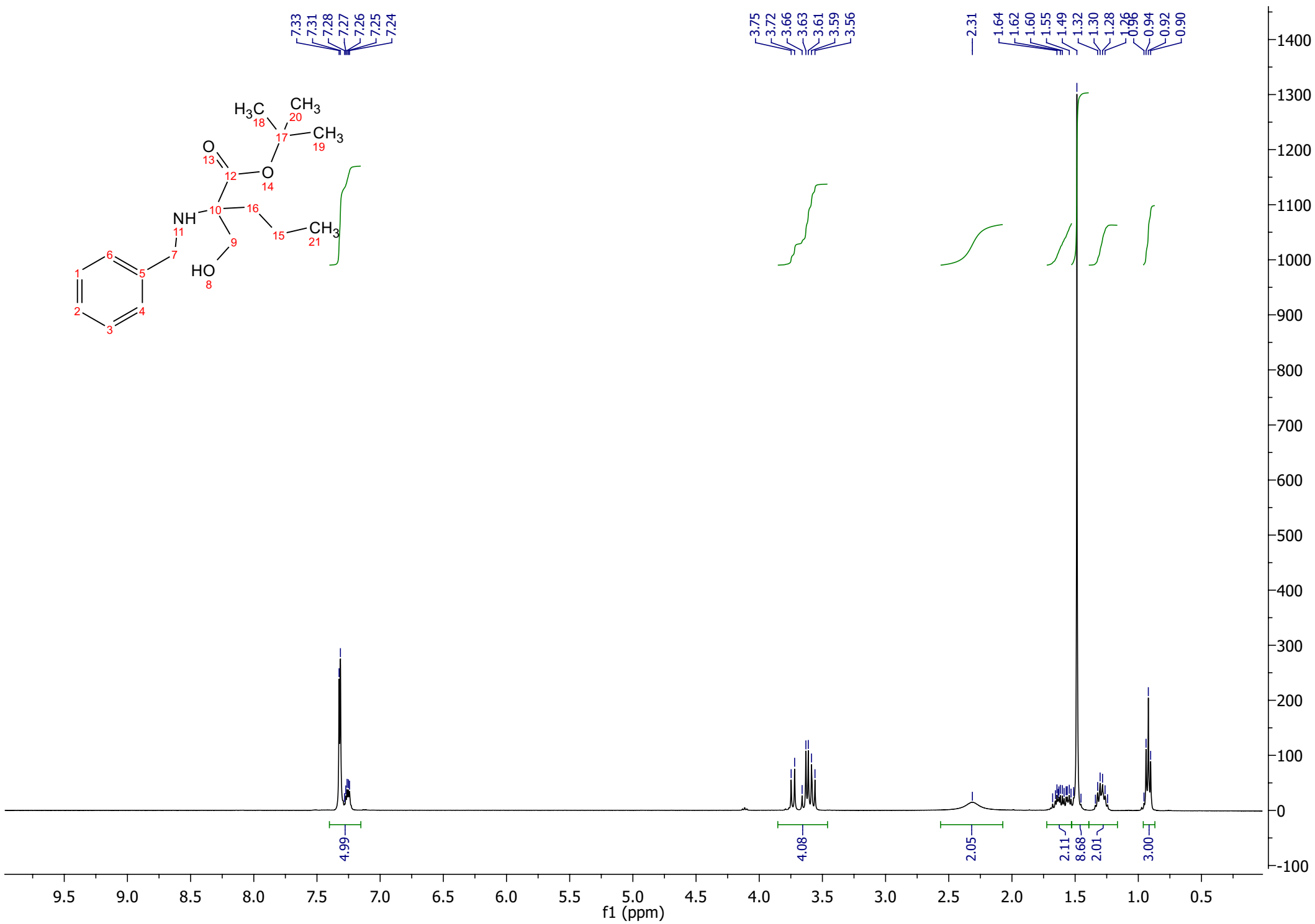
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7.24

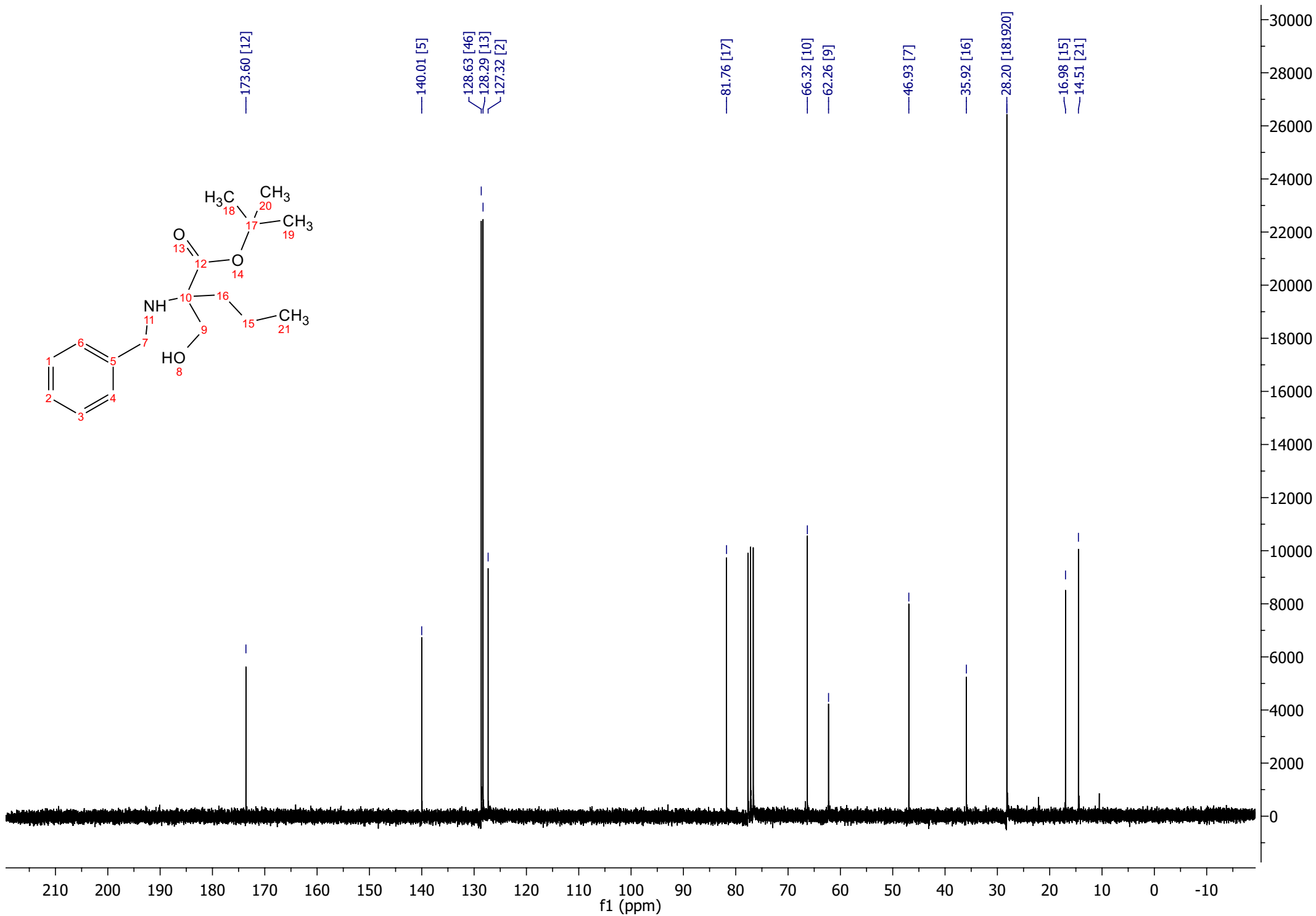
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3.63  
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3.59  
3.57  
3.56

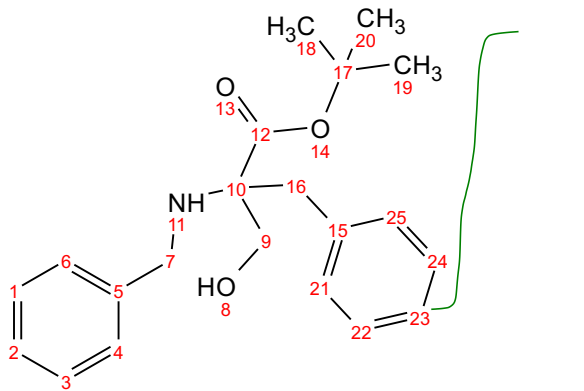
2.30  
1.71  
1.70  
1.68  
1.66  
1.64  
1.62  
1.61  
1.59  
1.49  
0.90  
0.88  
0.86









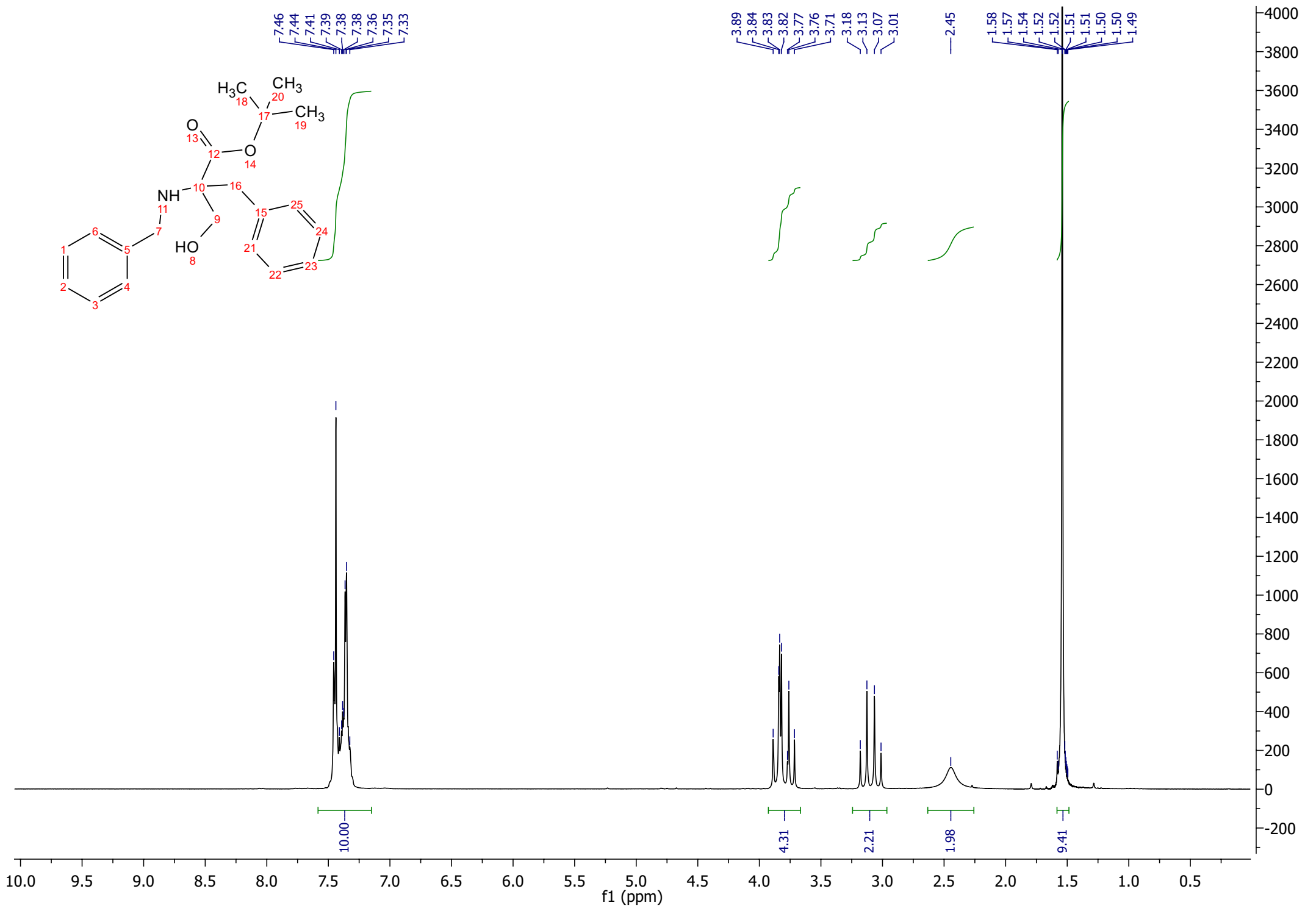


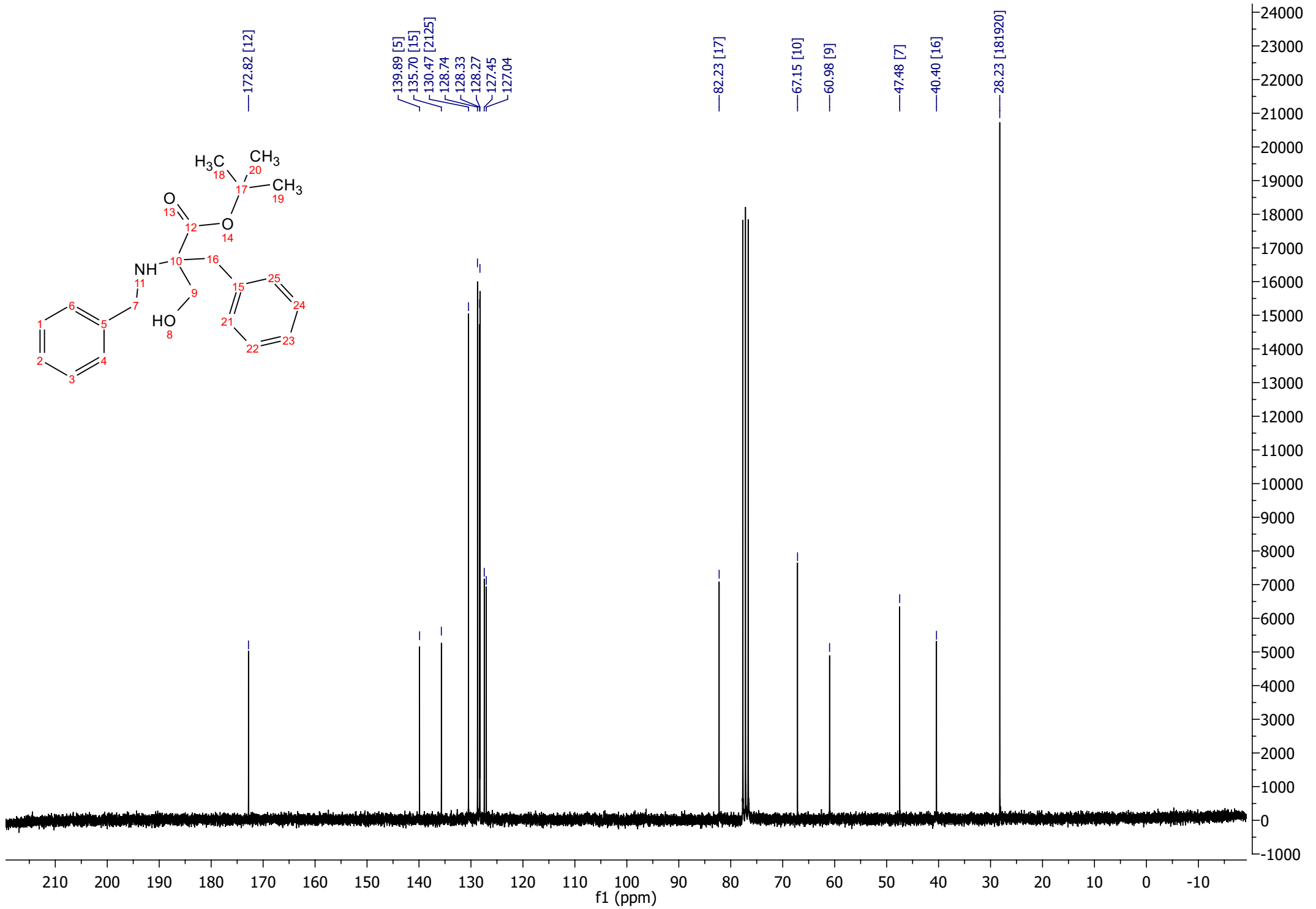
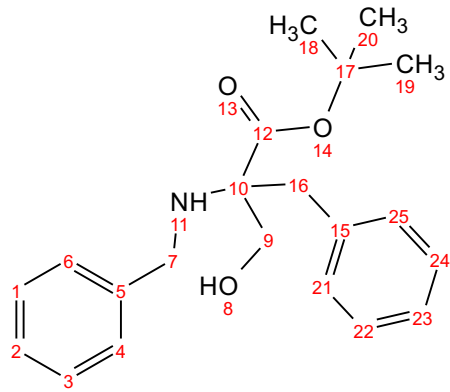
7.46  
7.44  
7.41  
7.39  
7.38  
7.38  
7.36  
7.35  
7.33

3.89  
3.84  
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3.82  
3.77  
3.76  
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3.07  
3.01

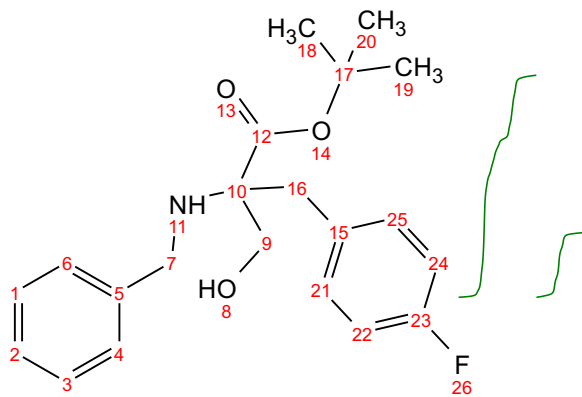
2.45

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1.51  
1.51  
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1.50  
1.49



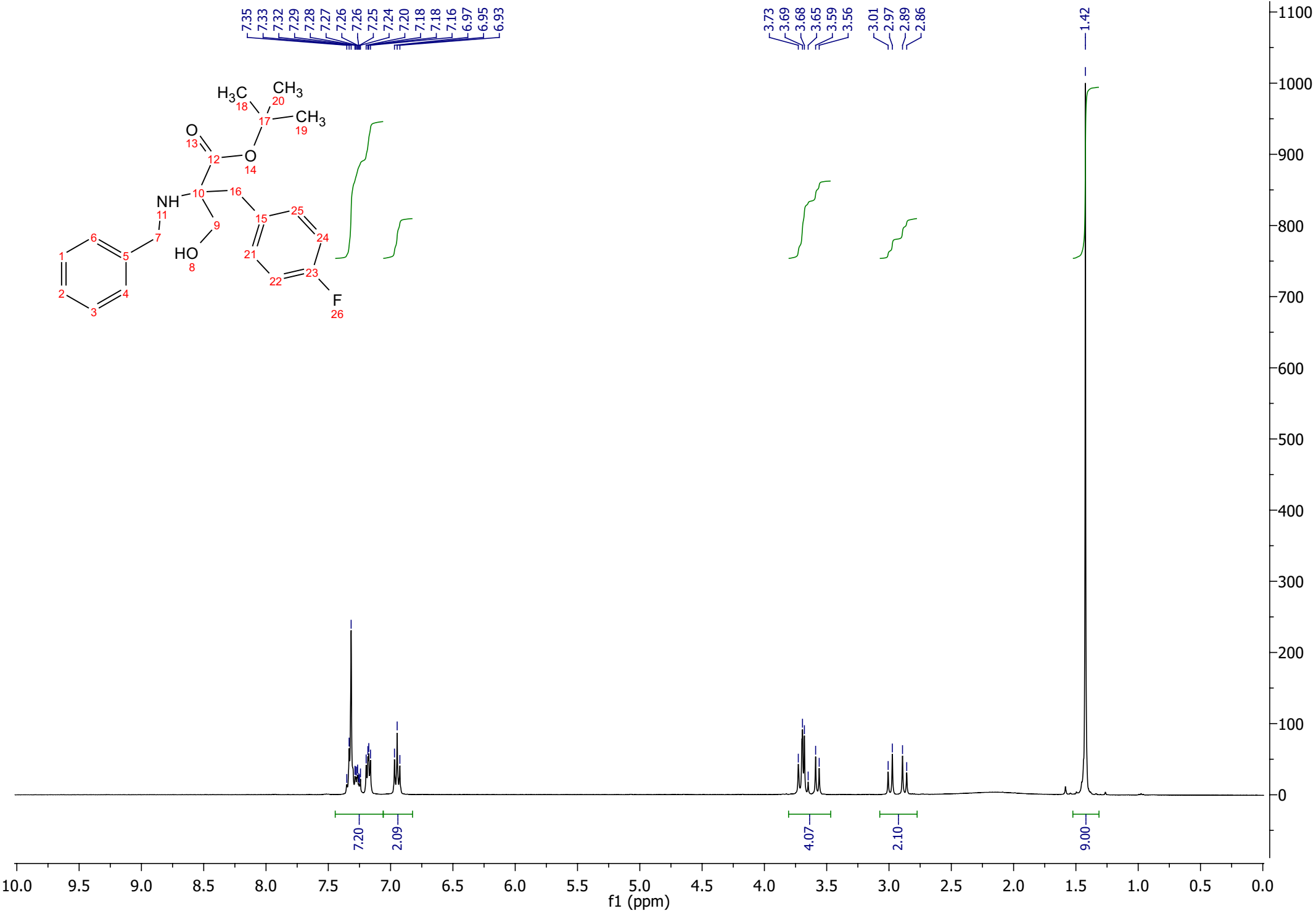


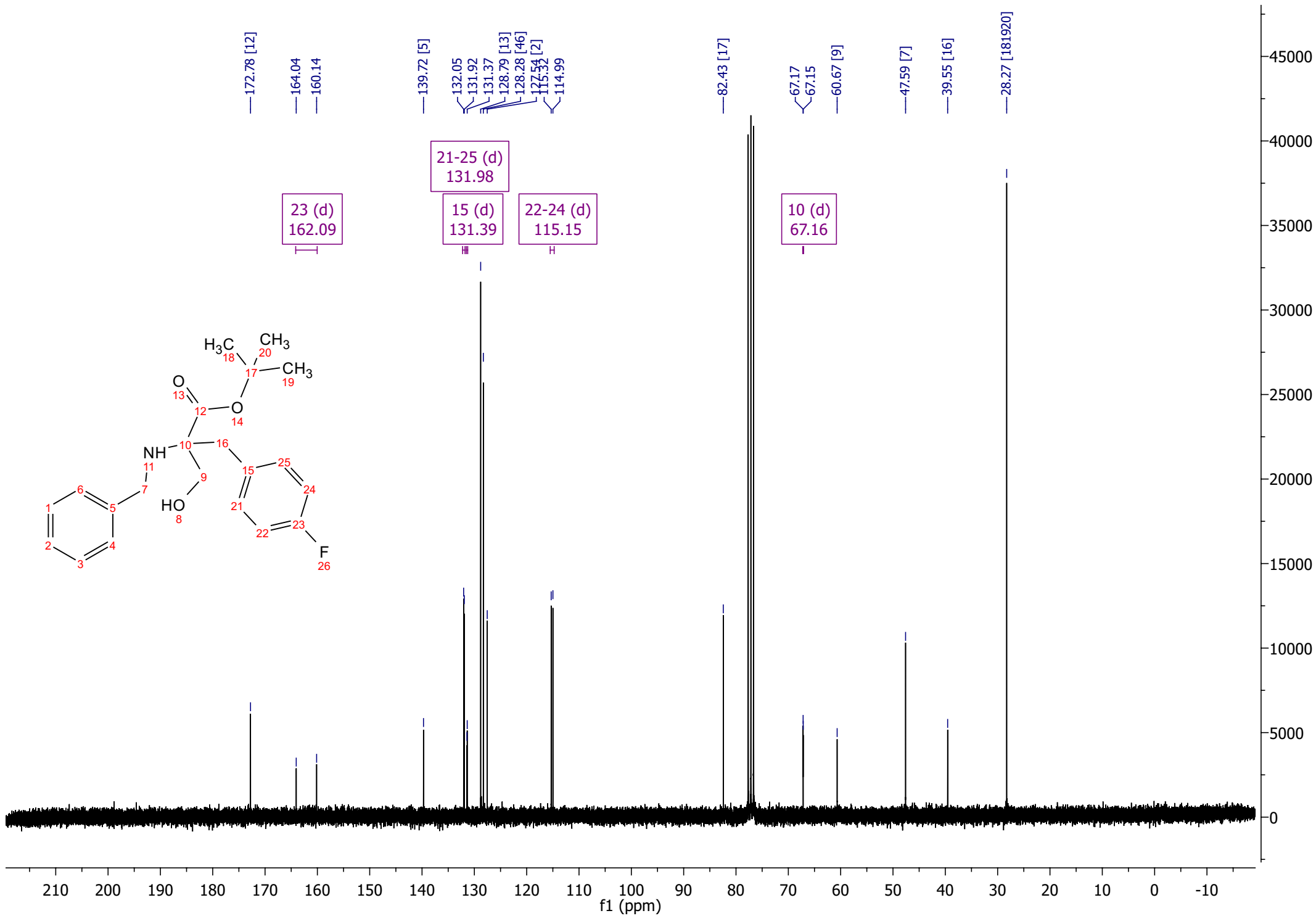


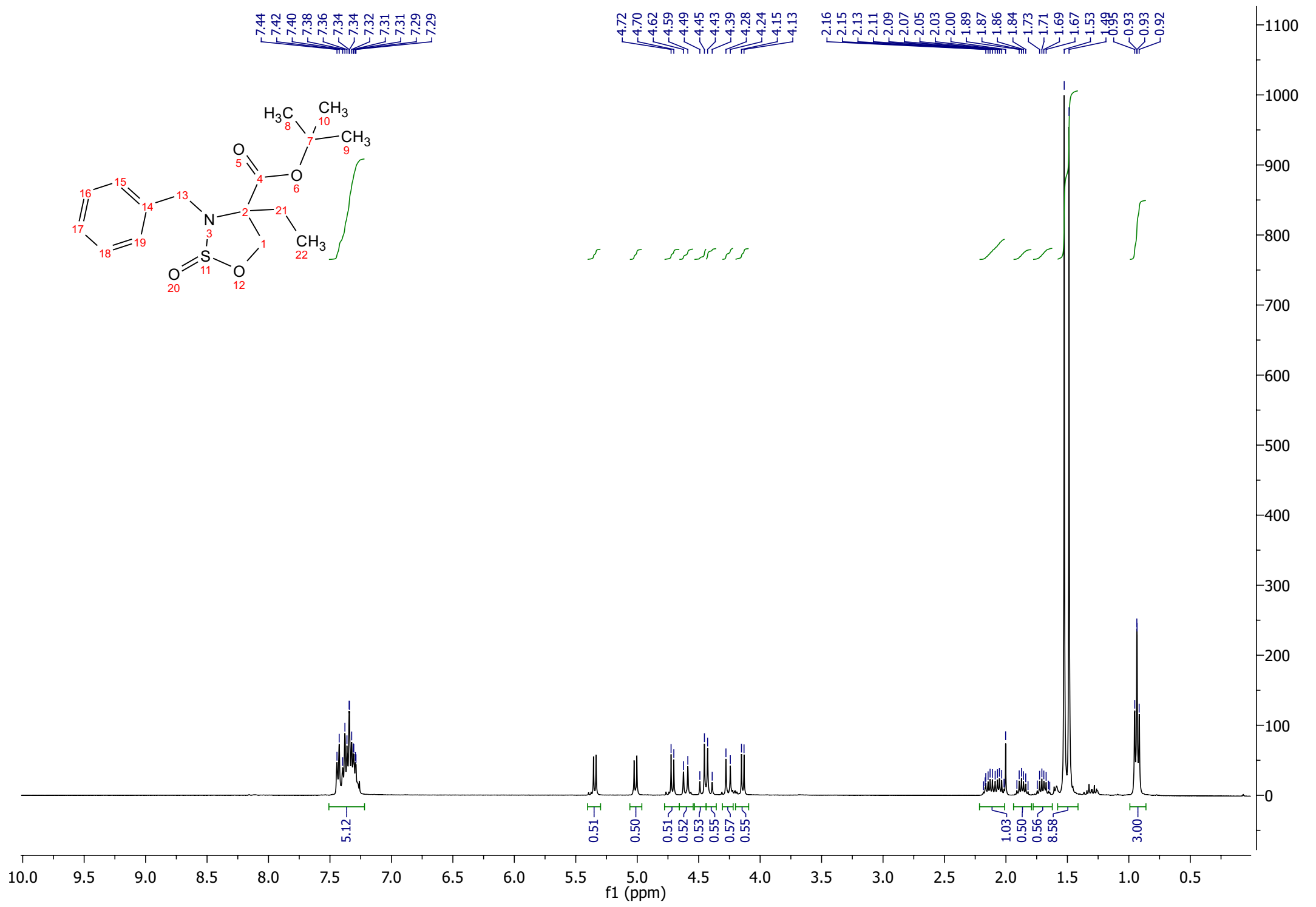


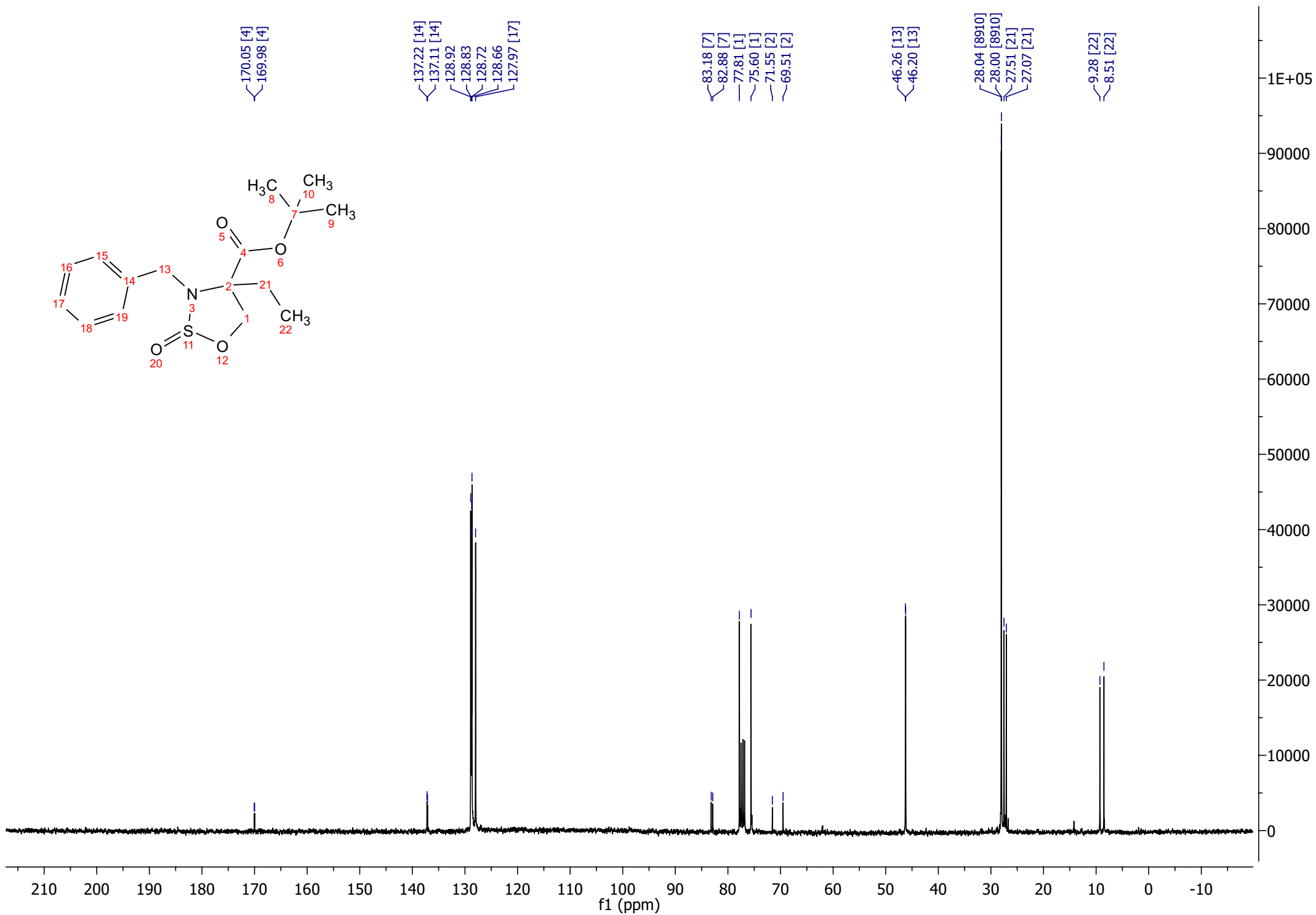
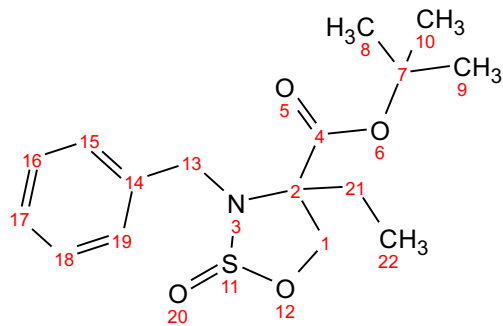
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7.24  
7.20  
7.18  
7.18  
7.16  
6.97  
6.95  
6.93

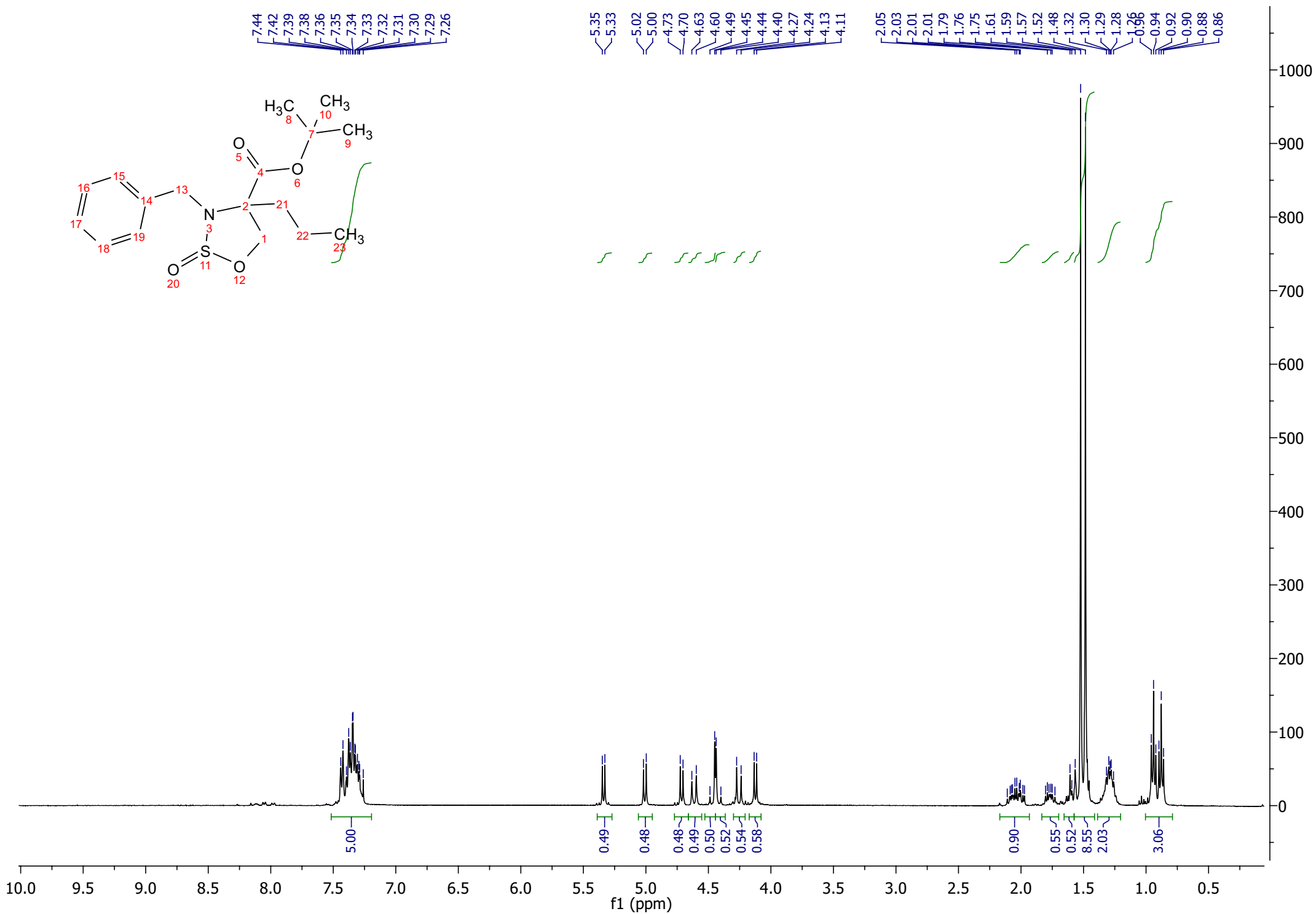
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2.86

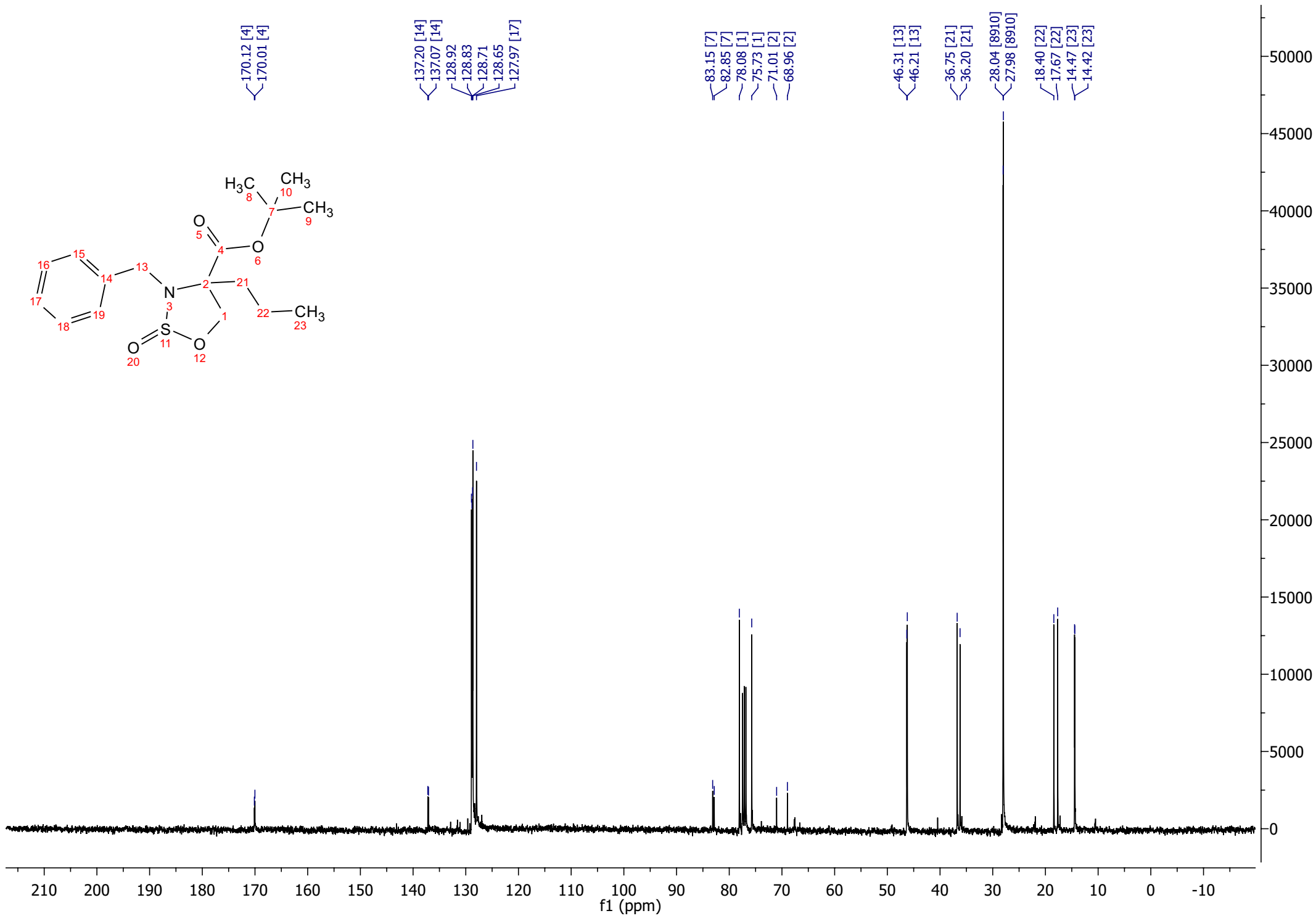




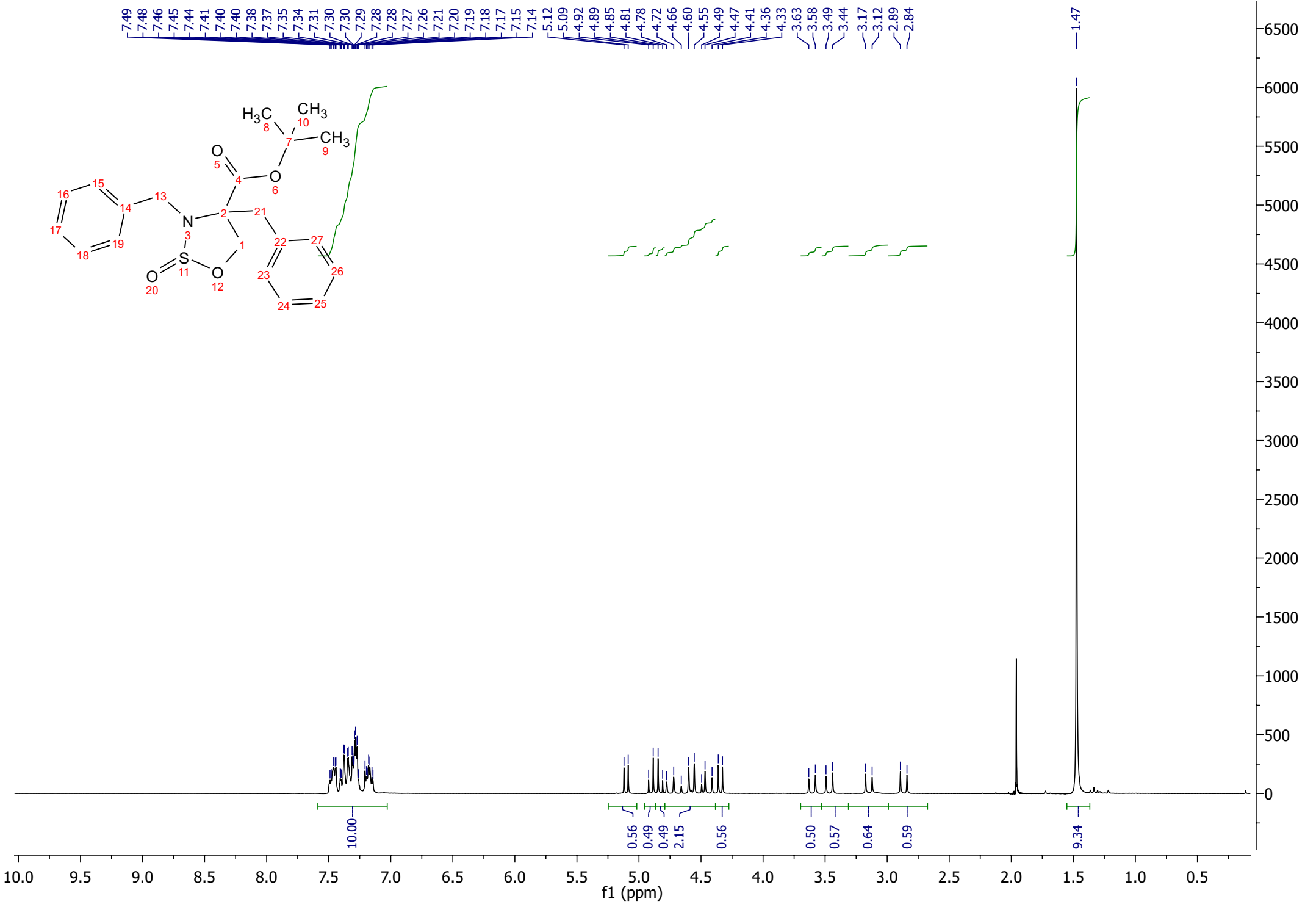
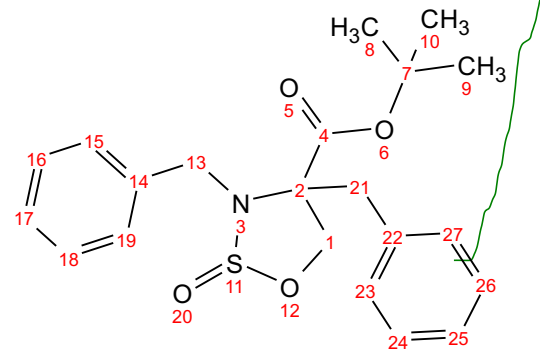


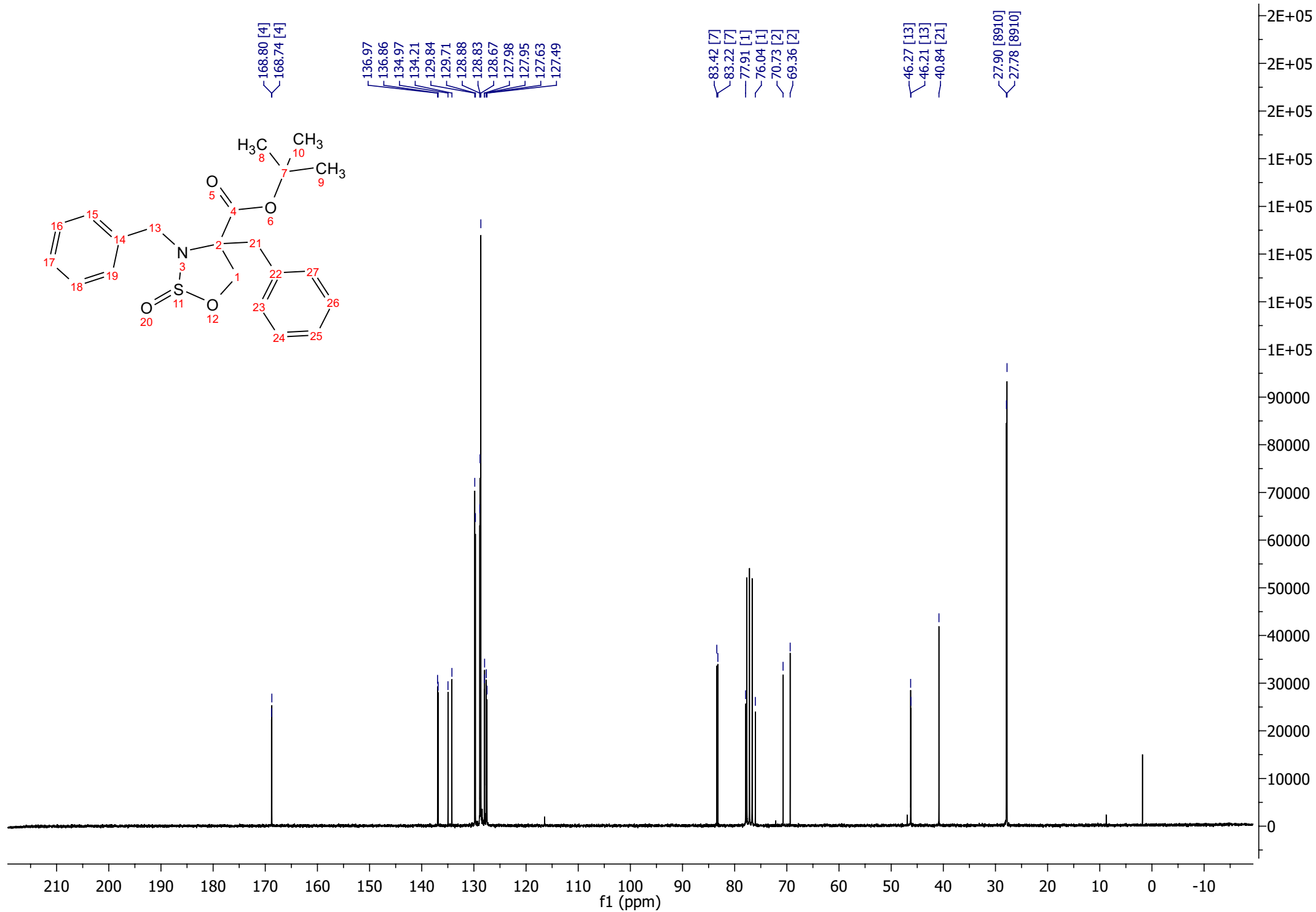
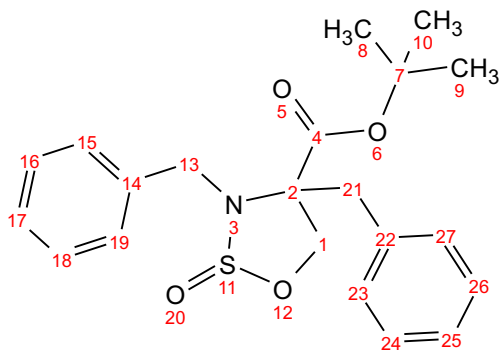




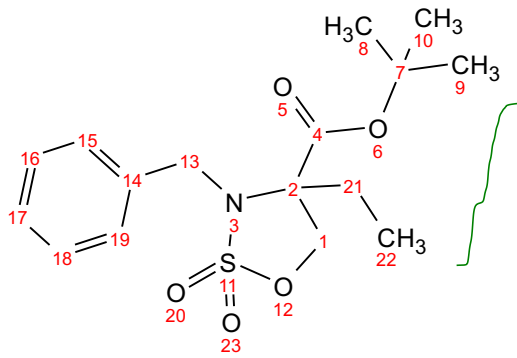


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7.40  
7.38  
7.37  
7.35  
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7.30  
7.30  
7.29  
7.28  
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7.18  
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4.85  
4.81  
4.78  
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2.89  
2.84





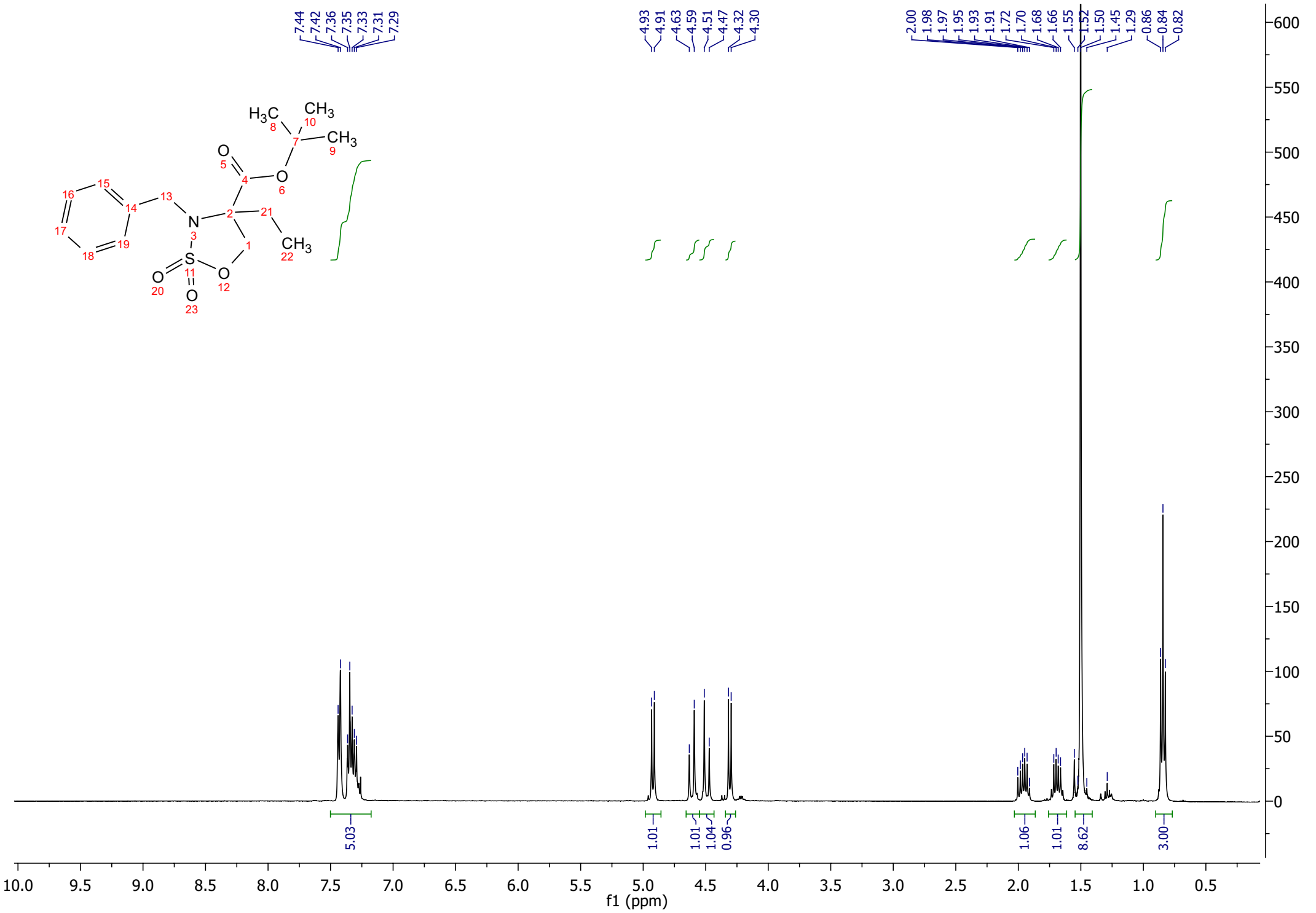


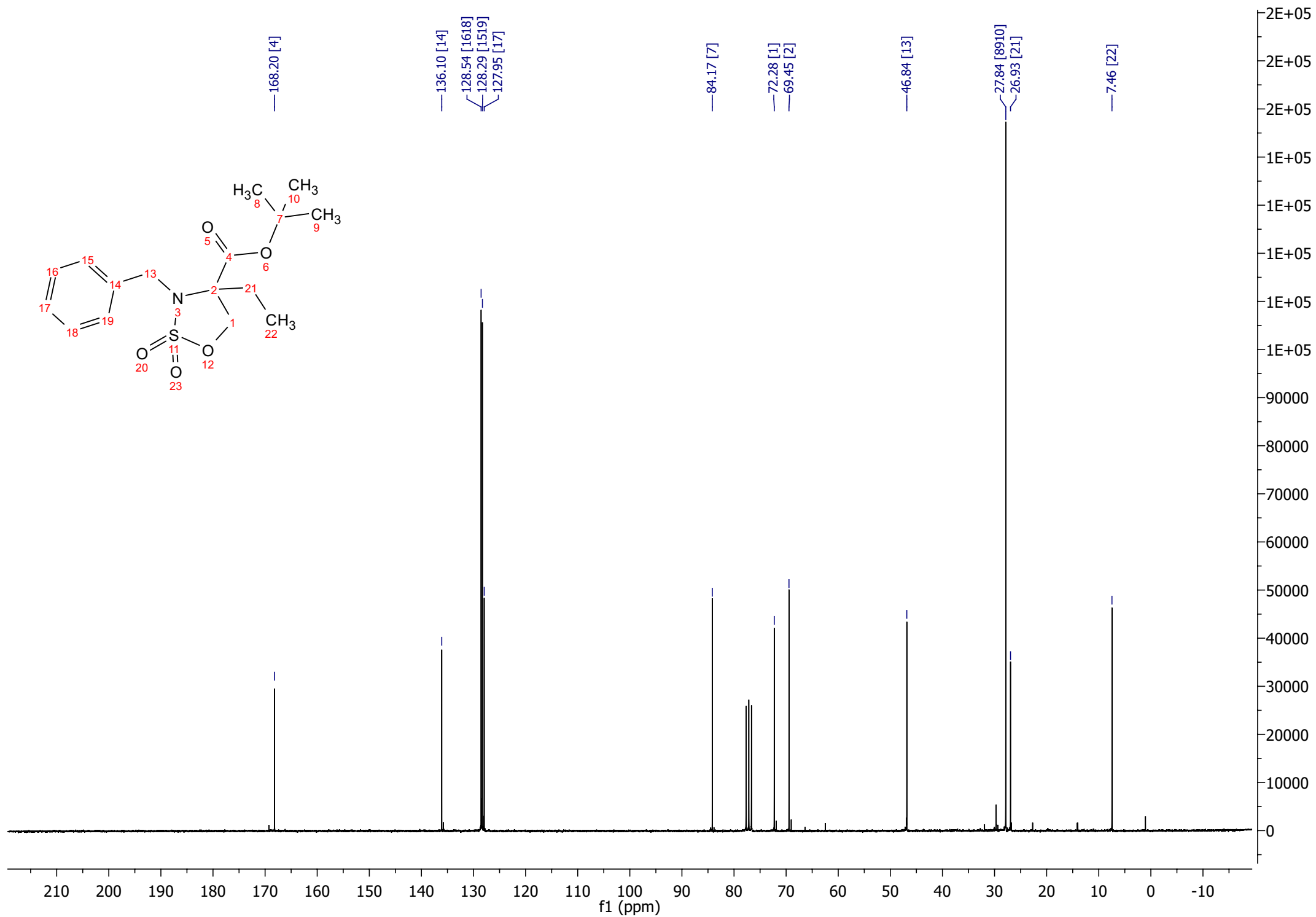
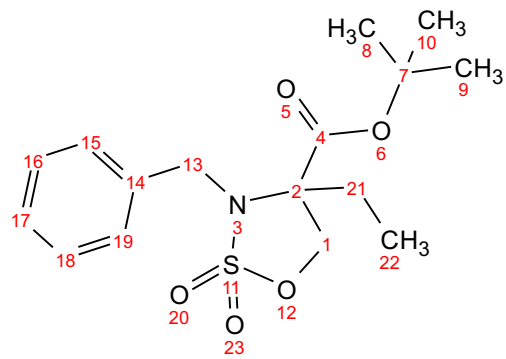


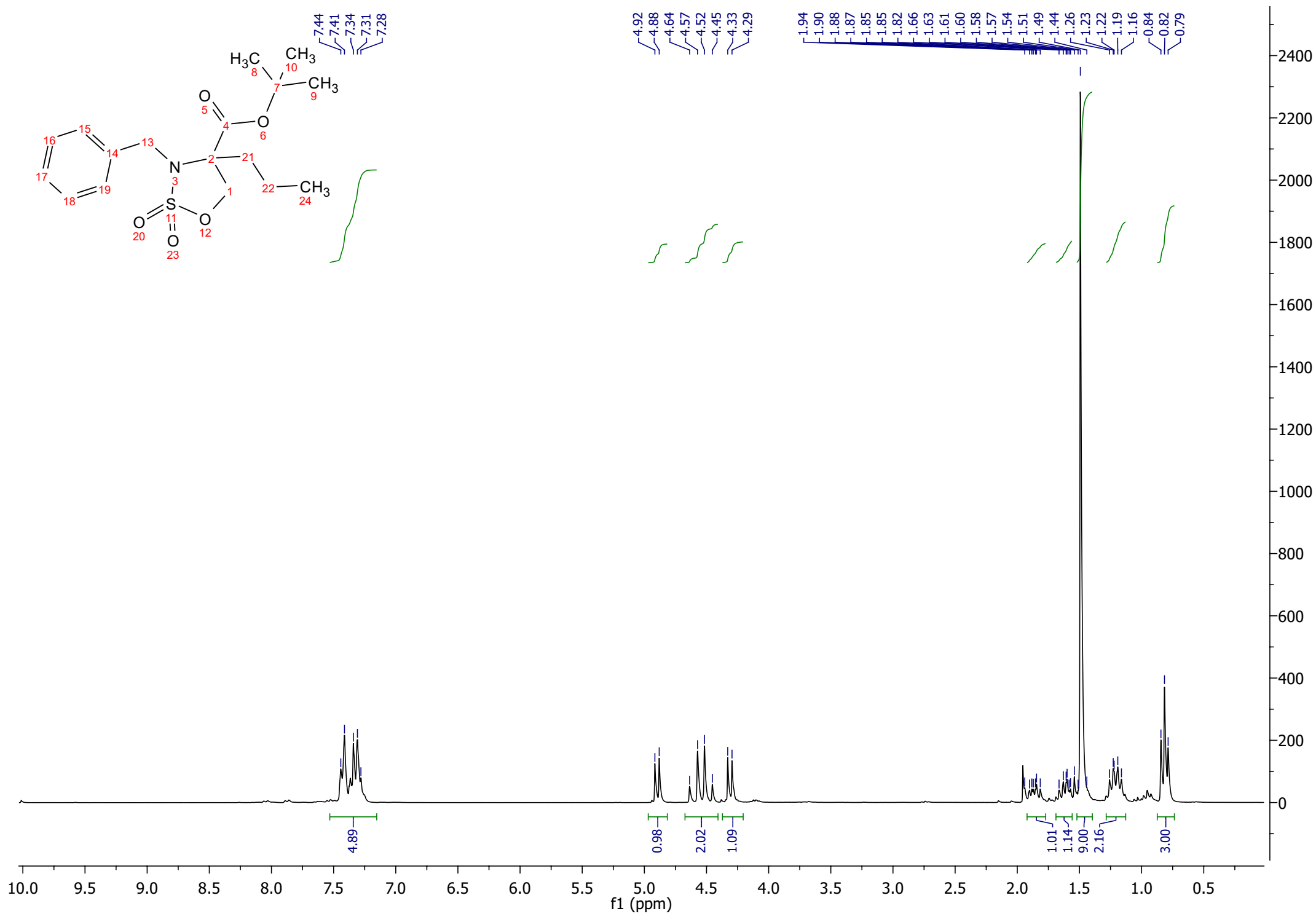
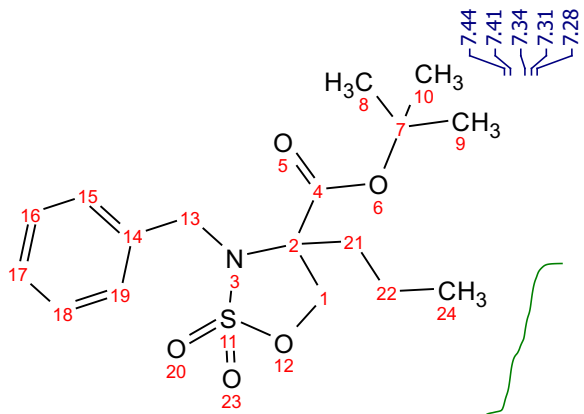
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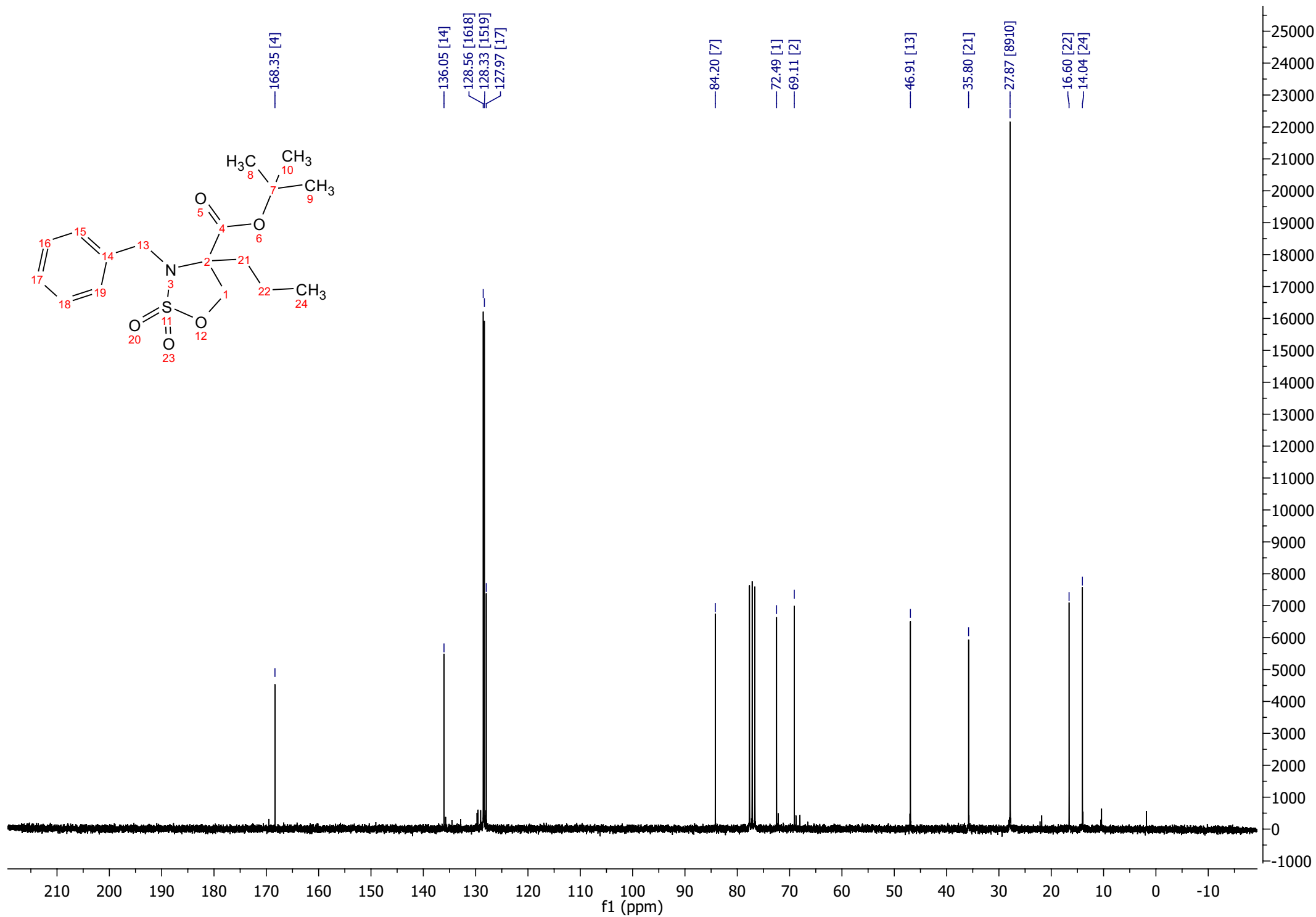
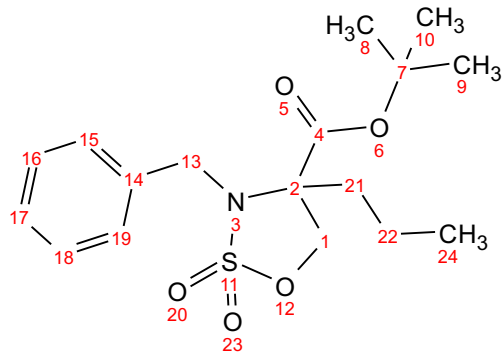
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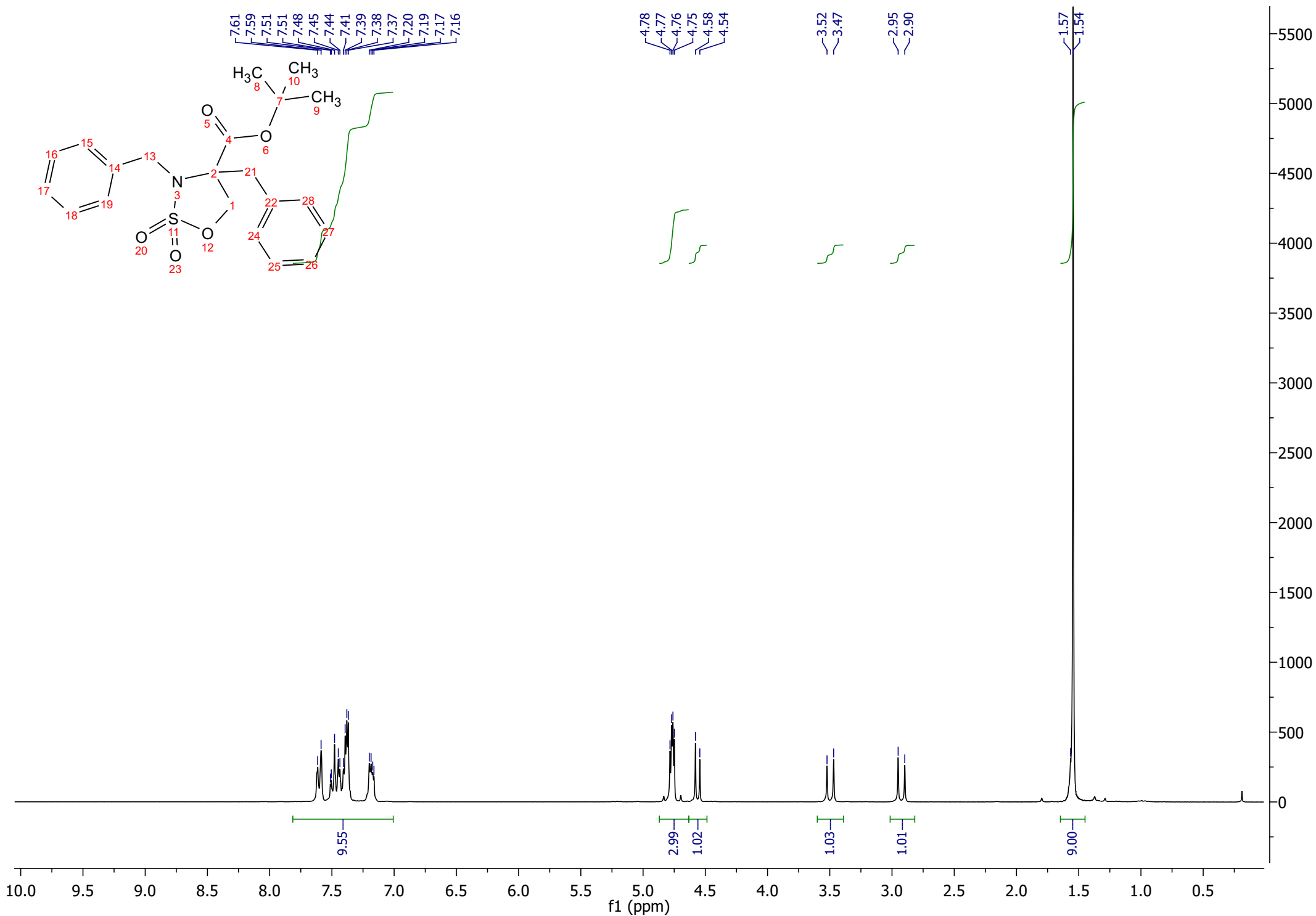
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1.29  
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0.82

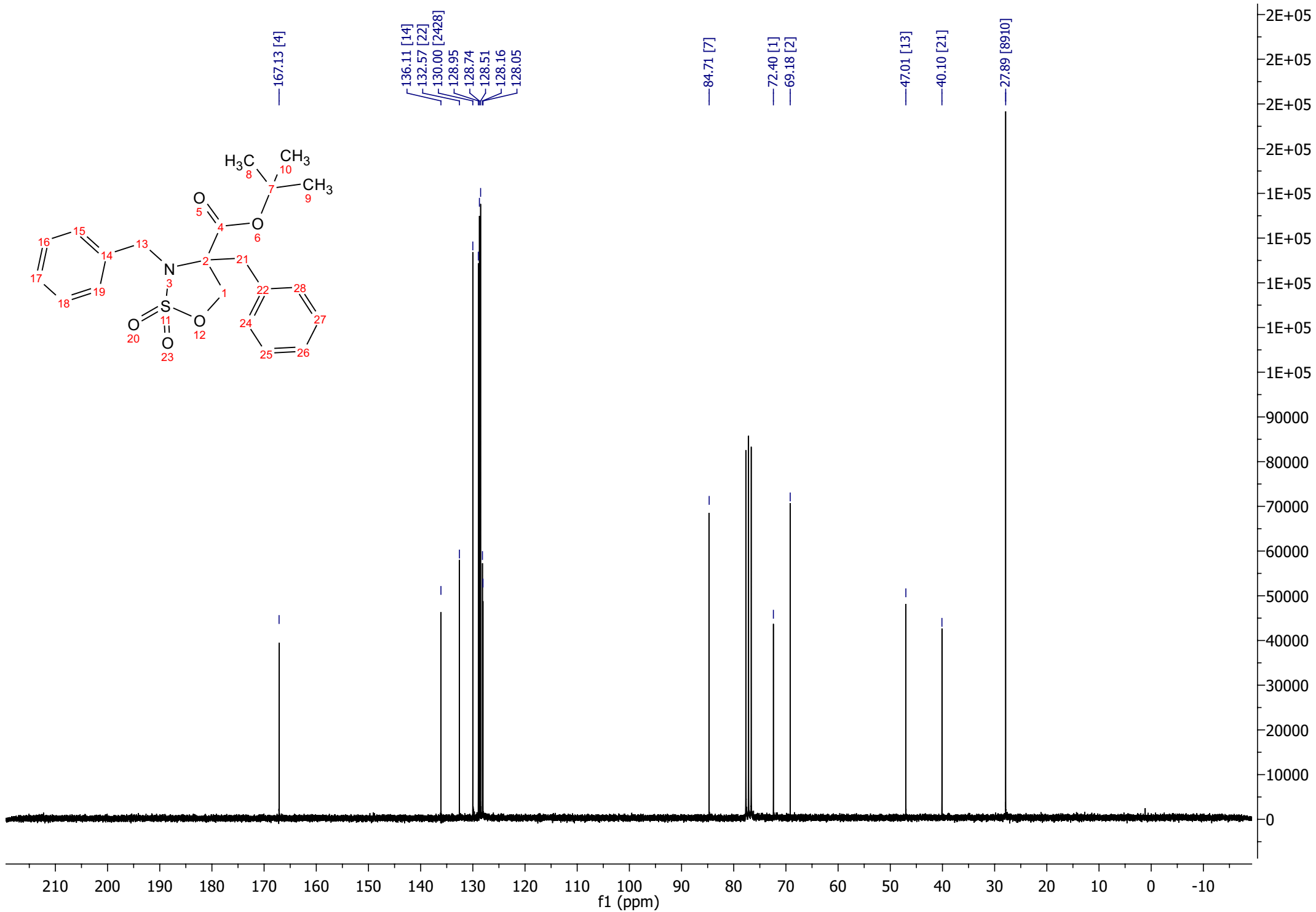












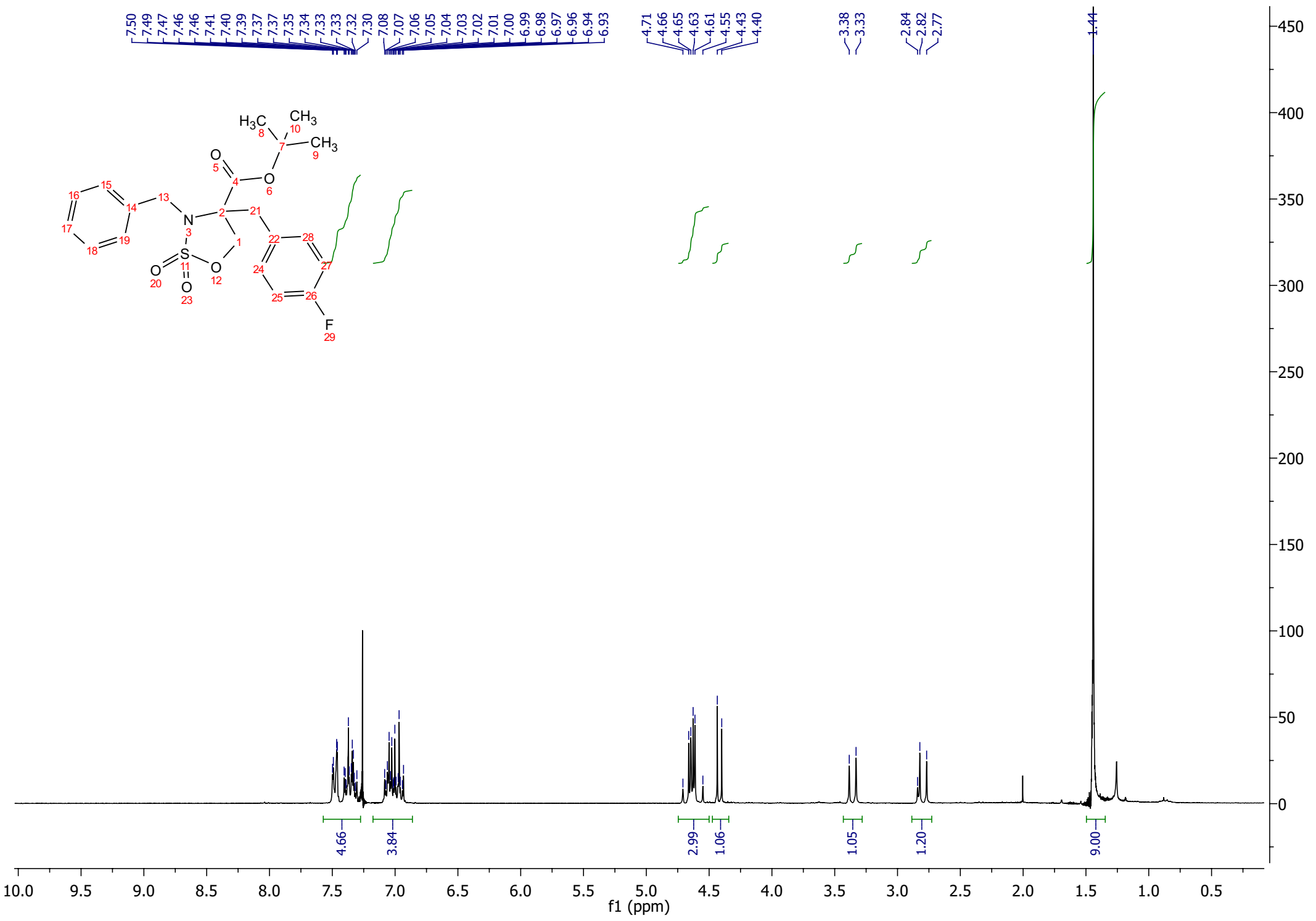
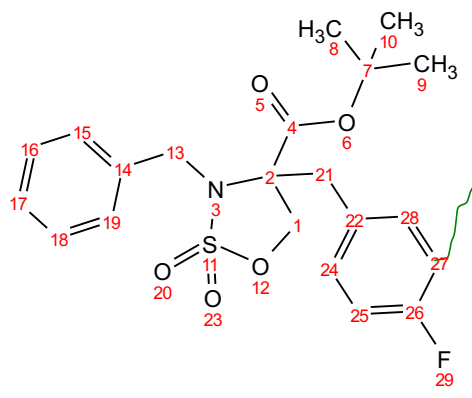
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7.32  
7.30  
7.08  
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7.06  
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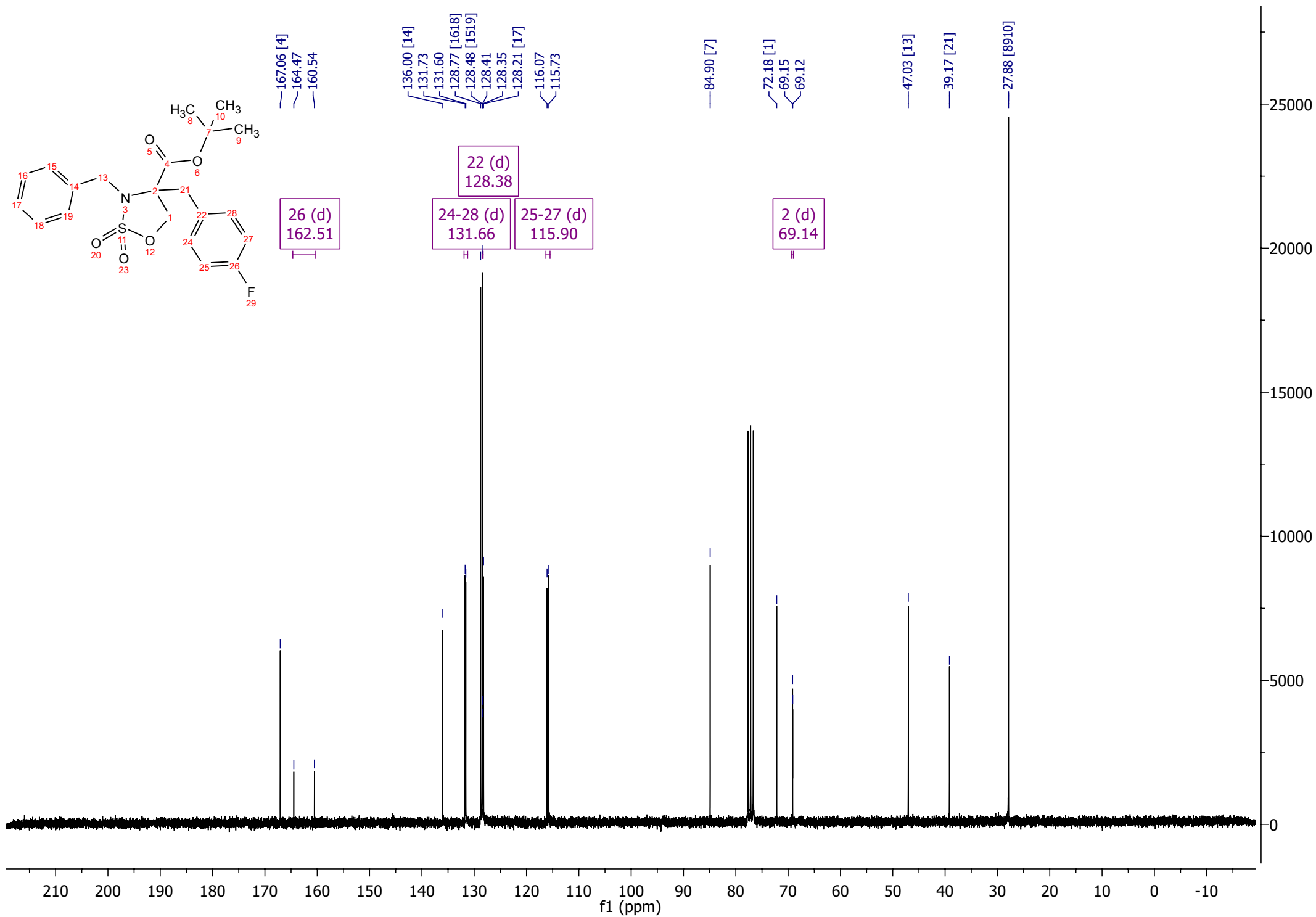
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3.38  
3.33

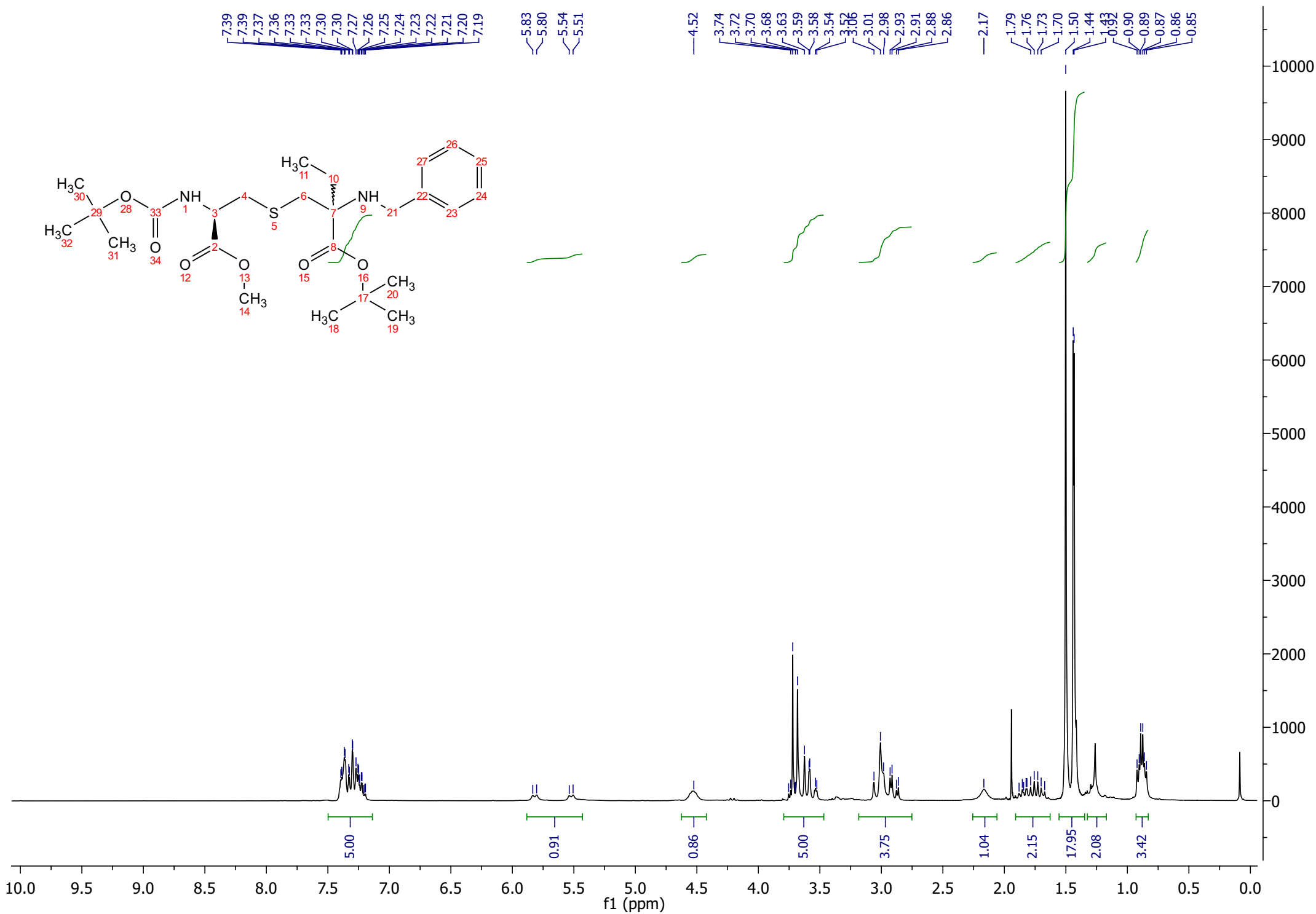
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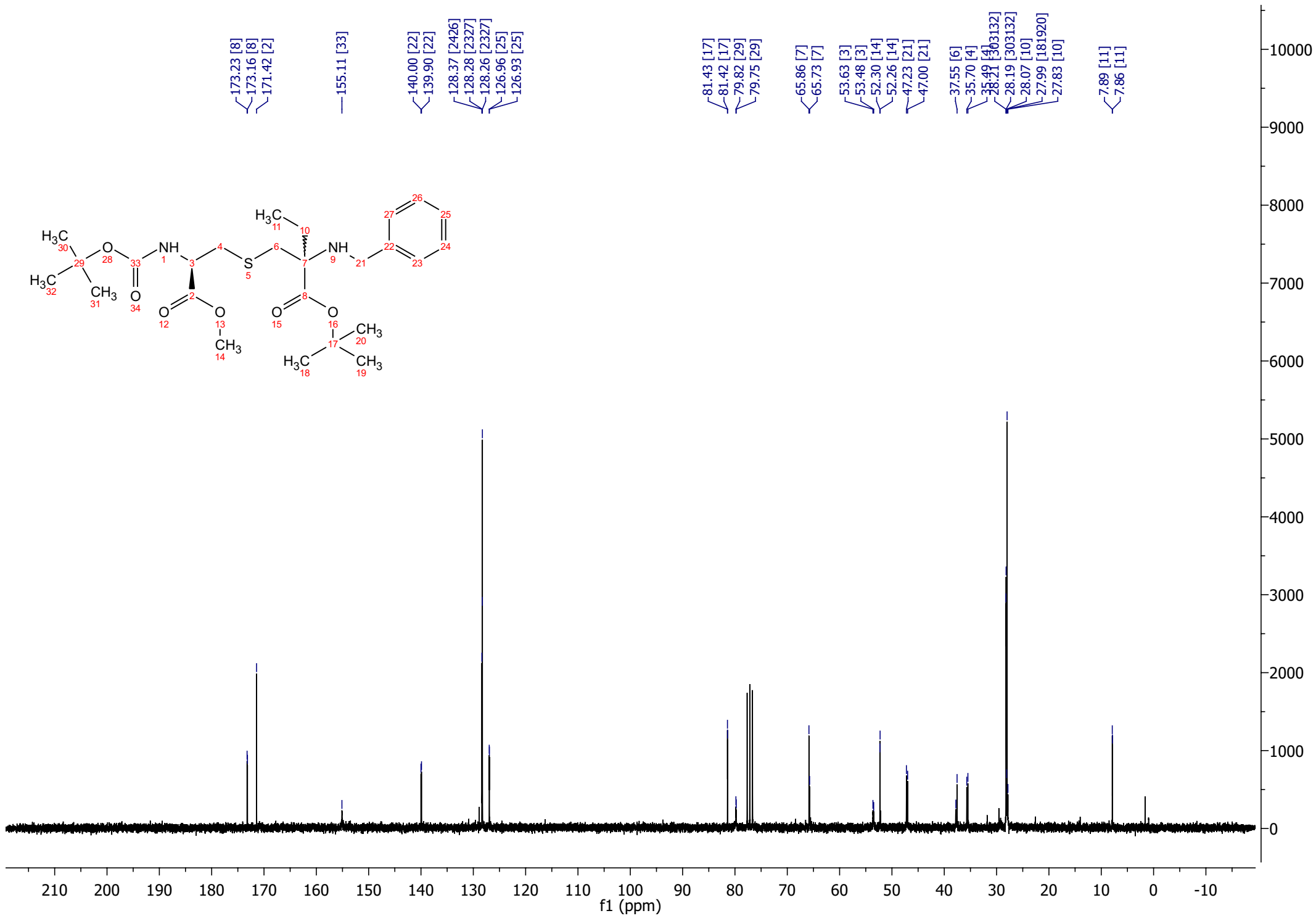
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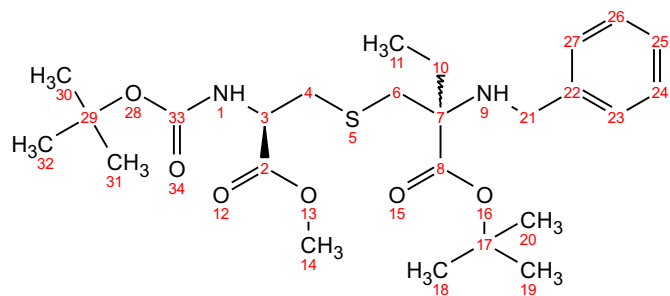




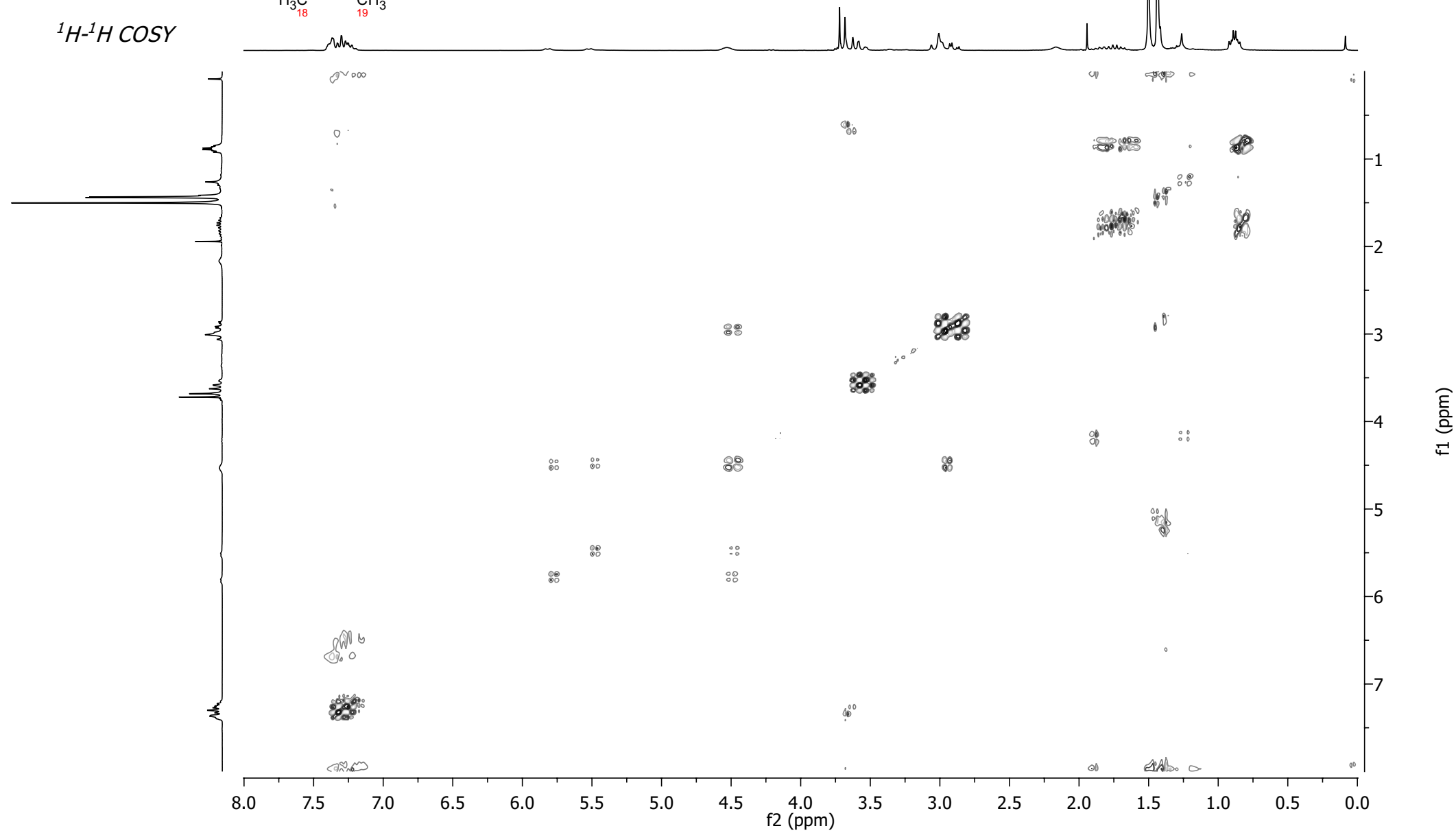


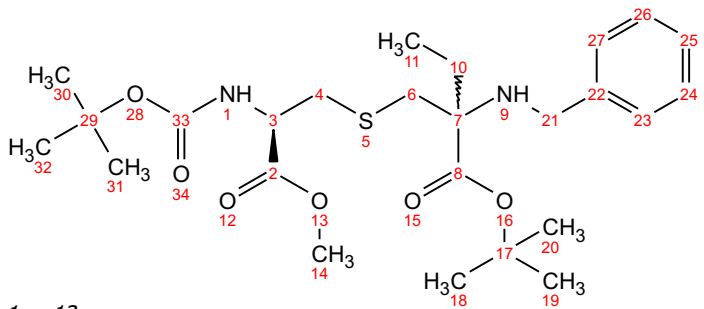






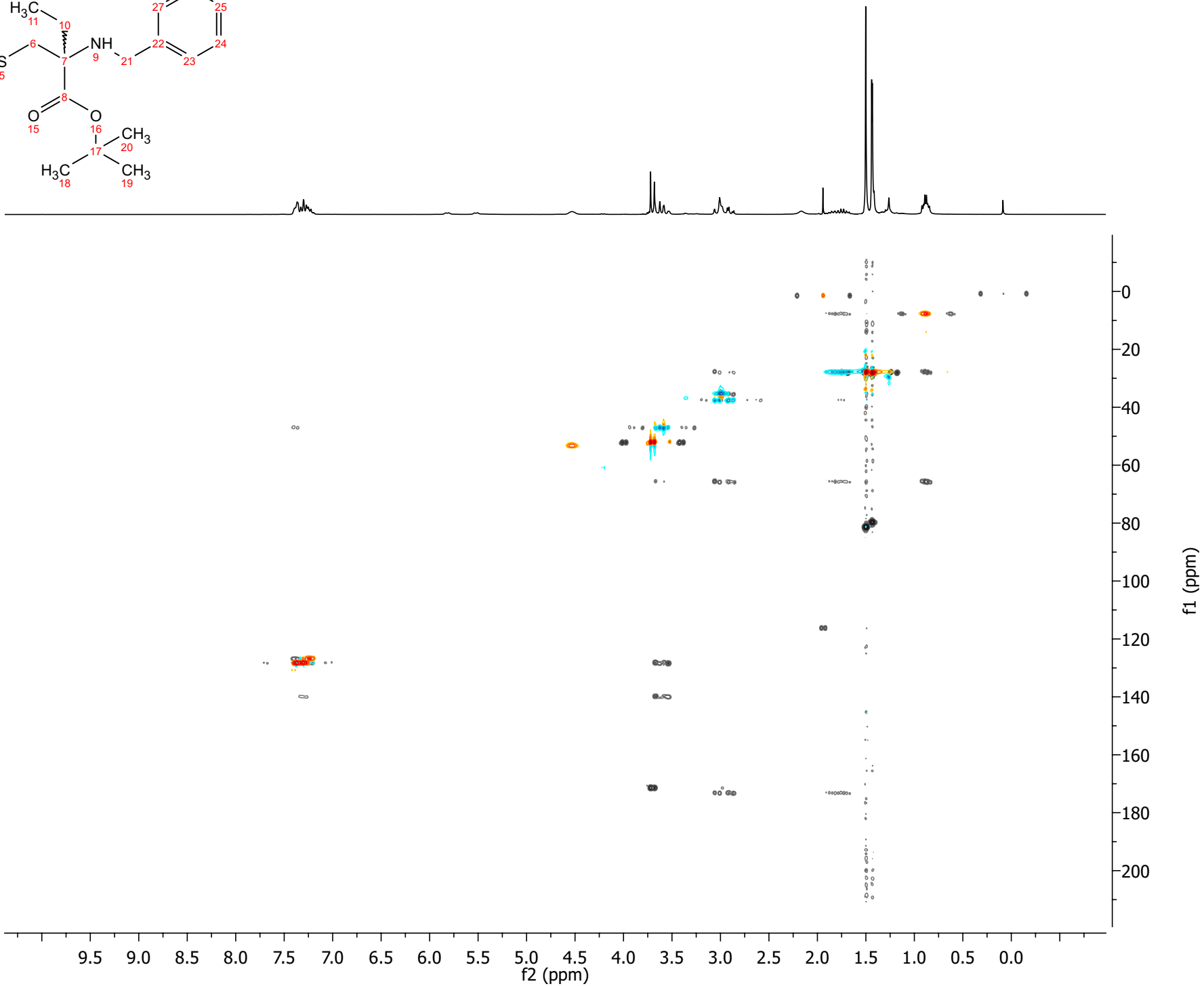
$^1\text{H}-^1\text{H}$  COSY

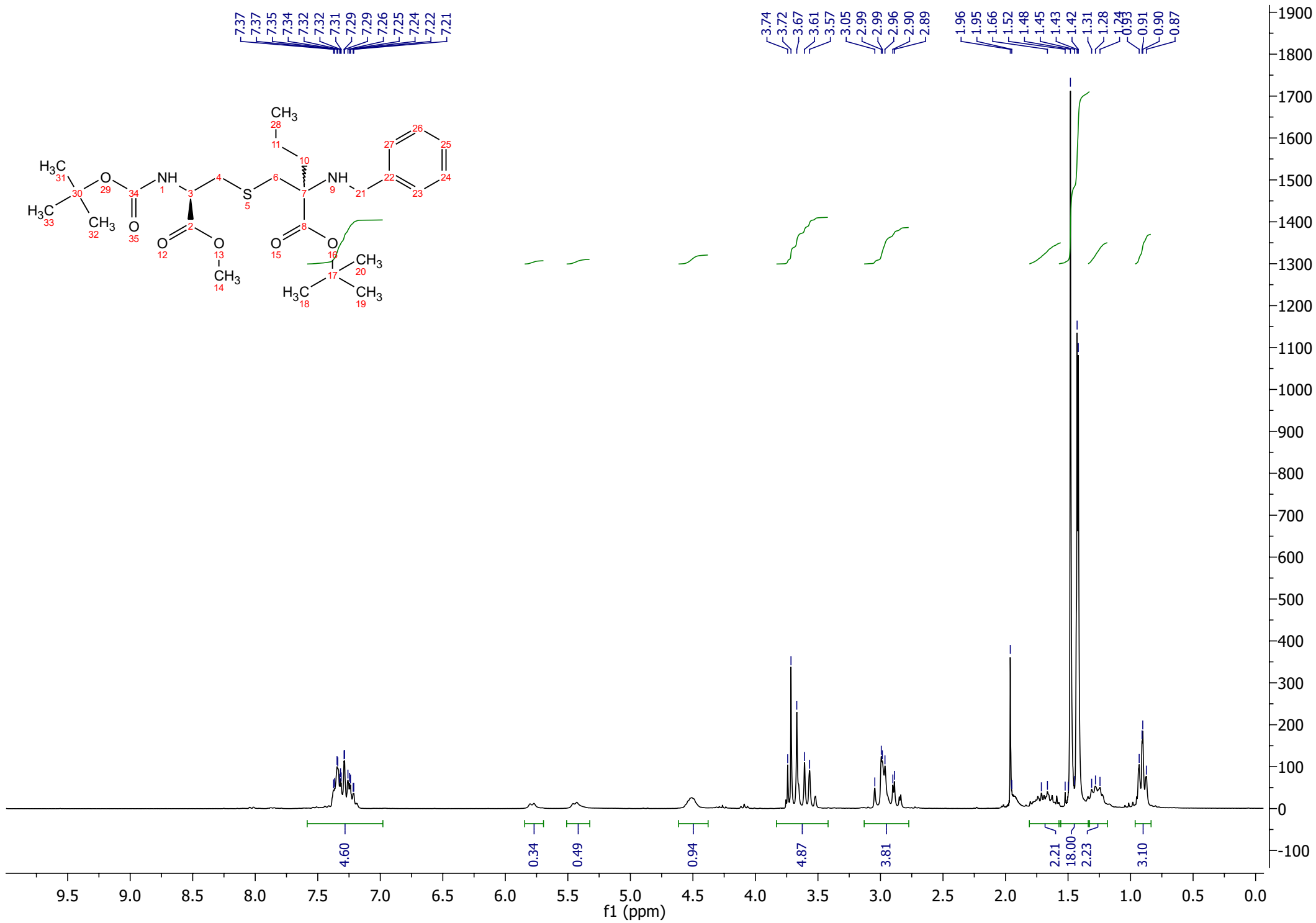


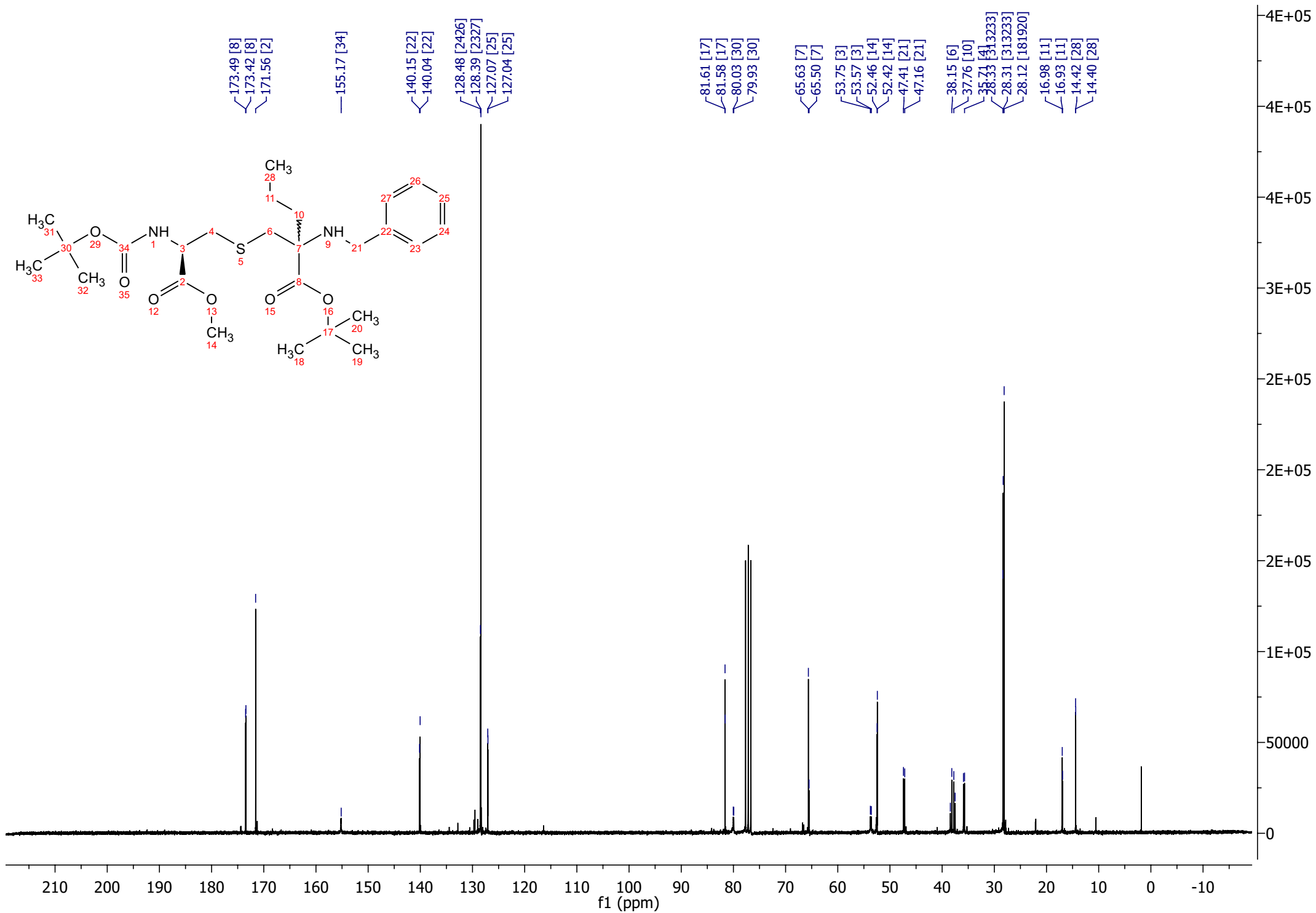


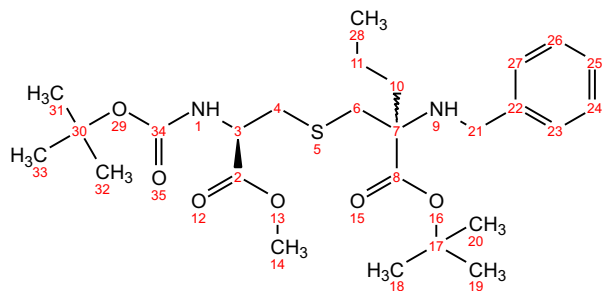
*<sup>1</sup>H-<sup>13</sup>C HSQC (color)*

*<sup>1</sup>H-<sup>13</sup>C HMBC (grey)*

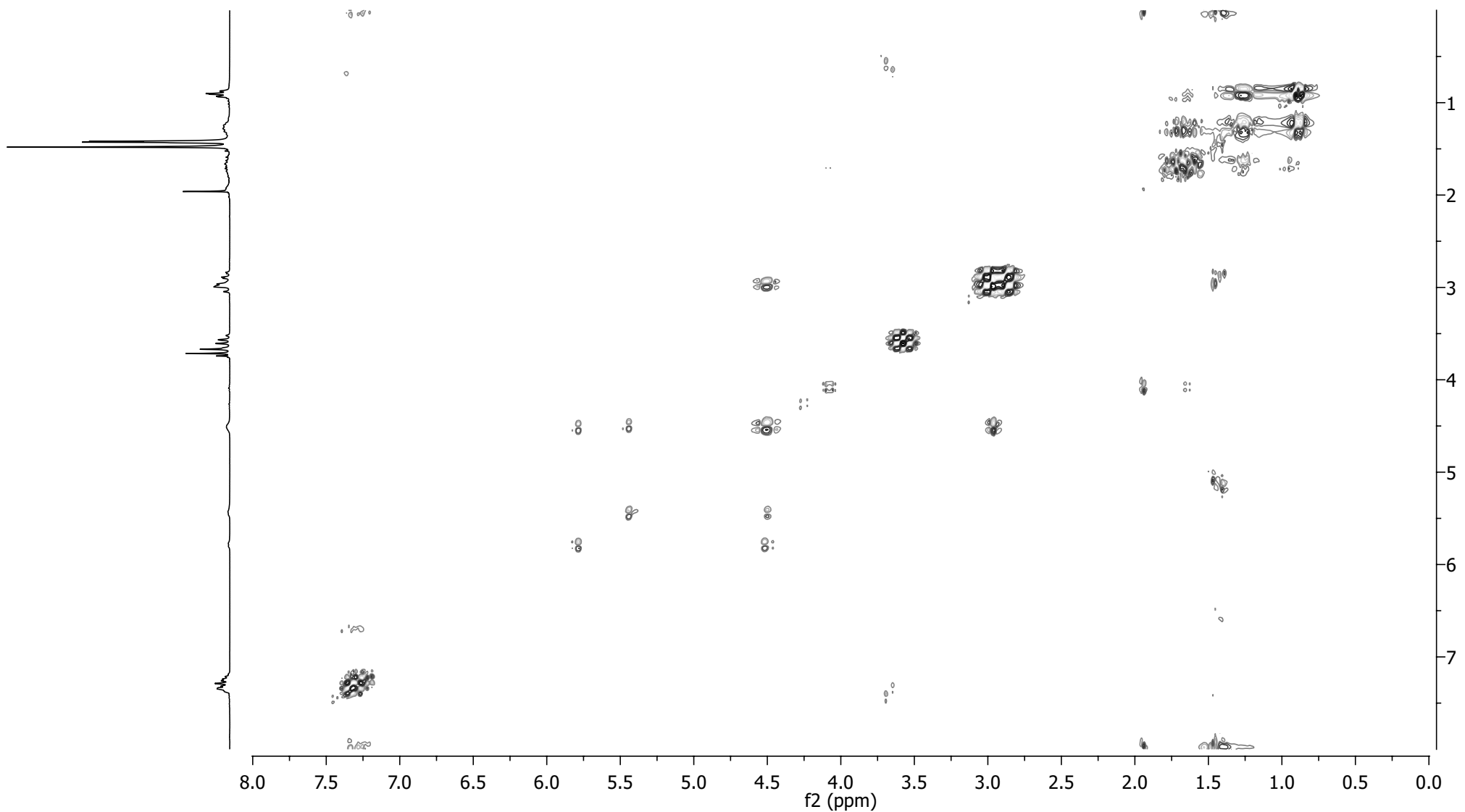
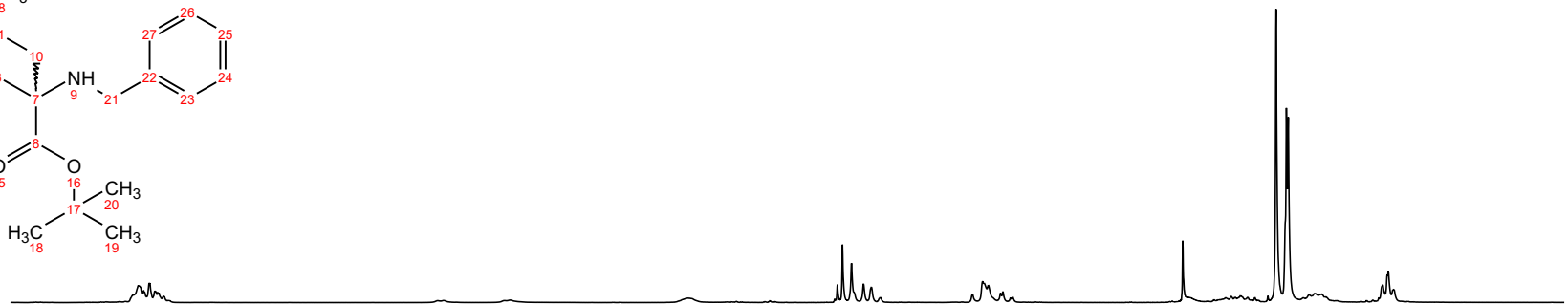






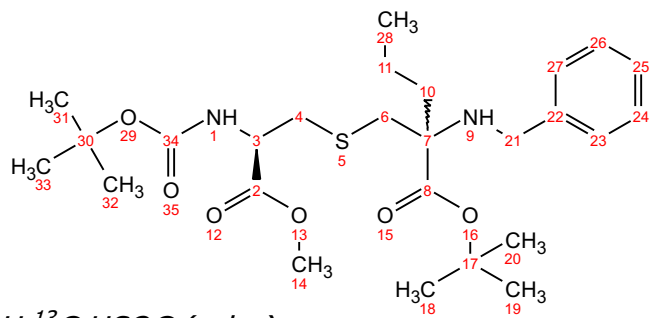


*<sup>1</sup>H-<sup>1</sup>H COSY*

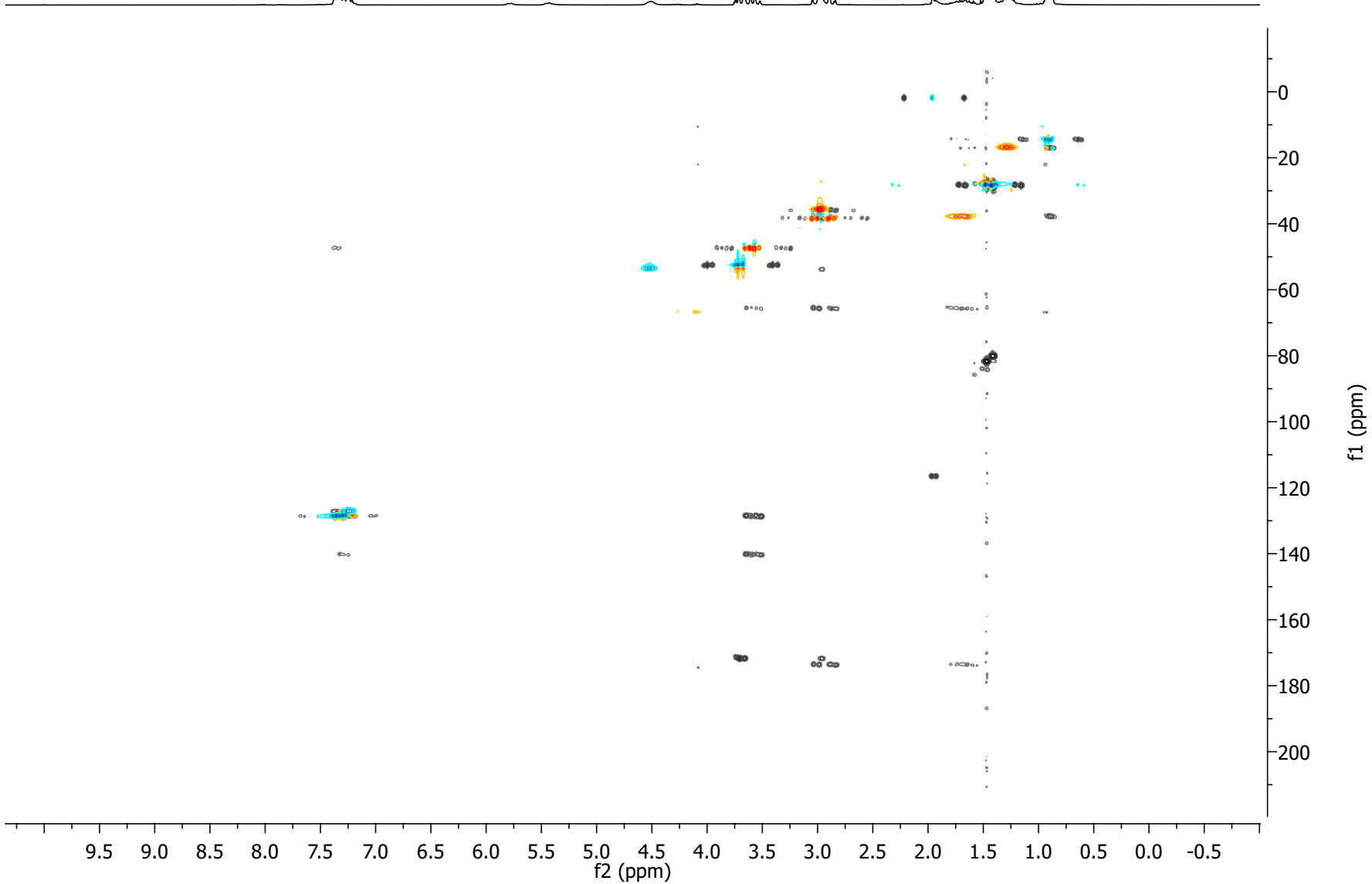


f1 (ppm)

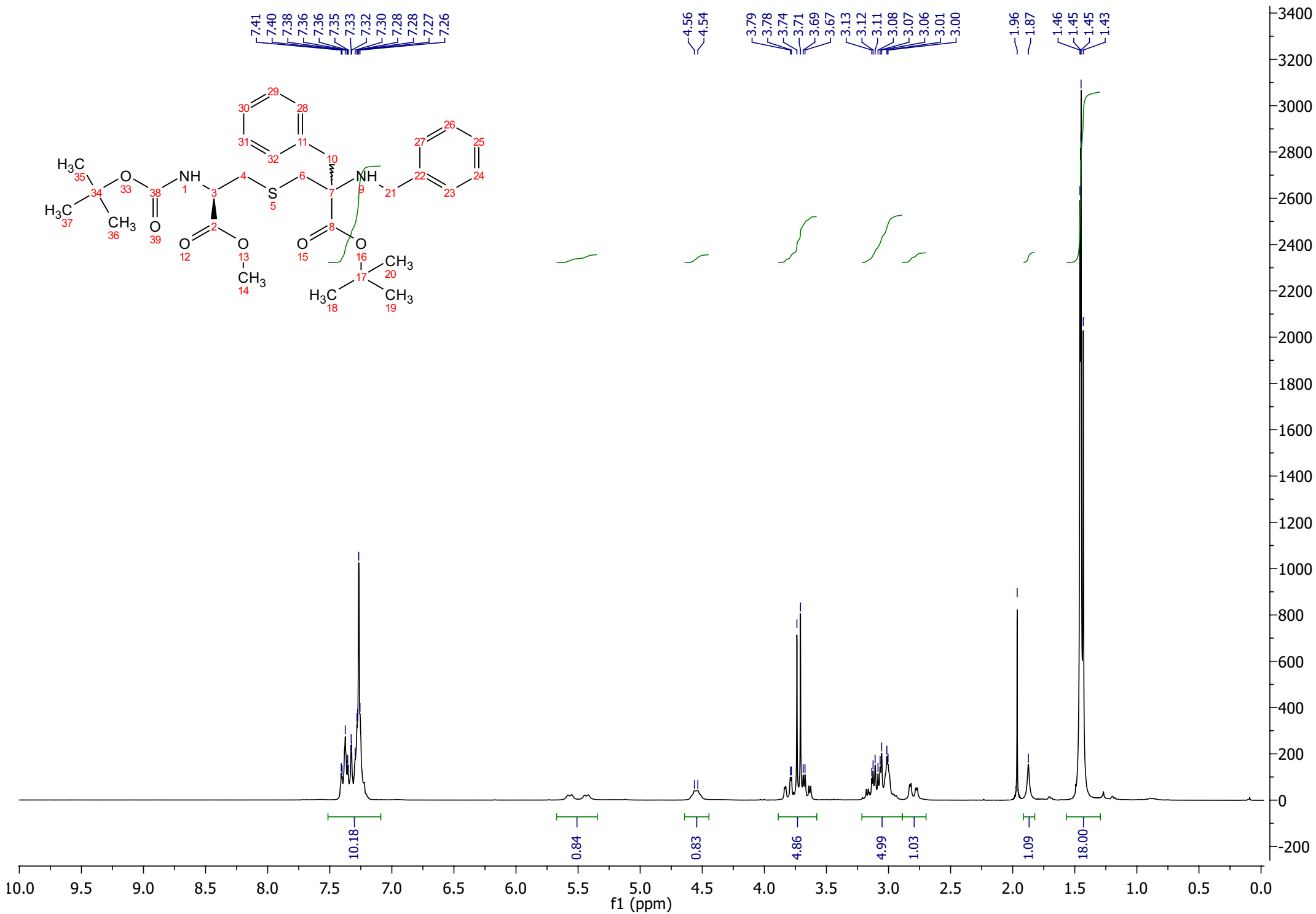
f2 (ppm)

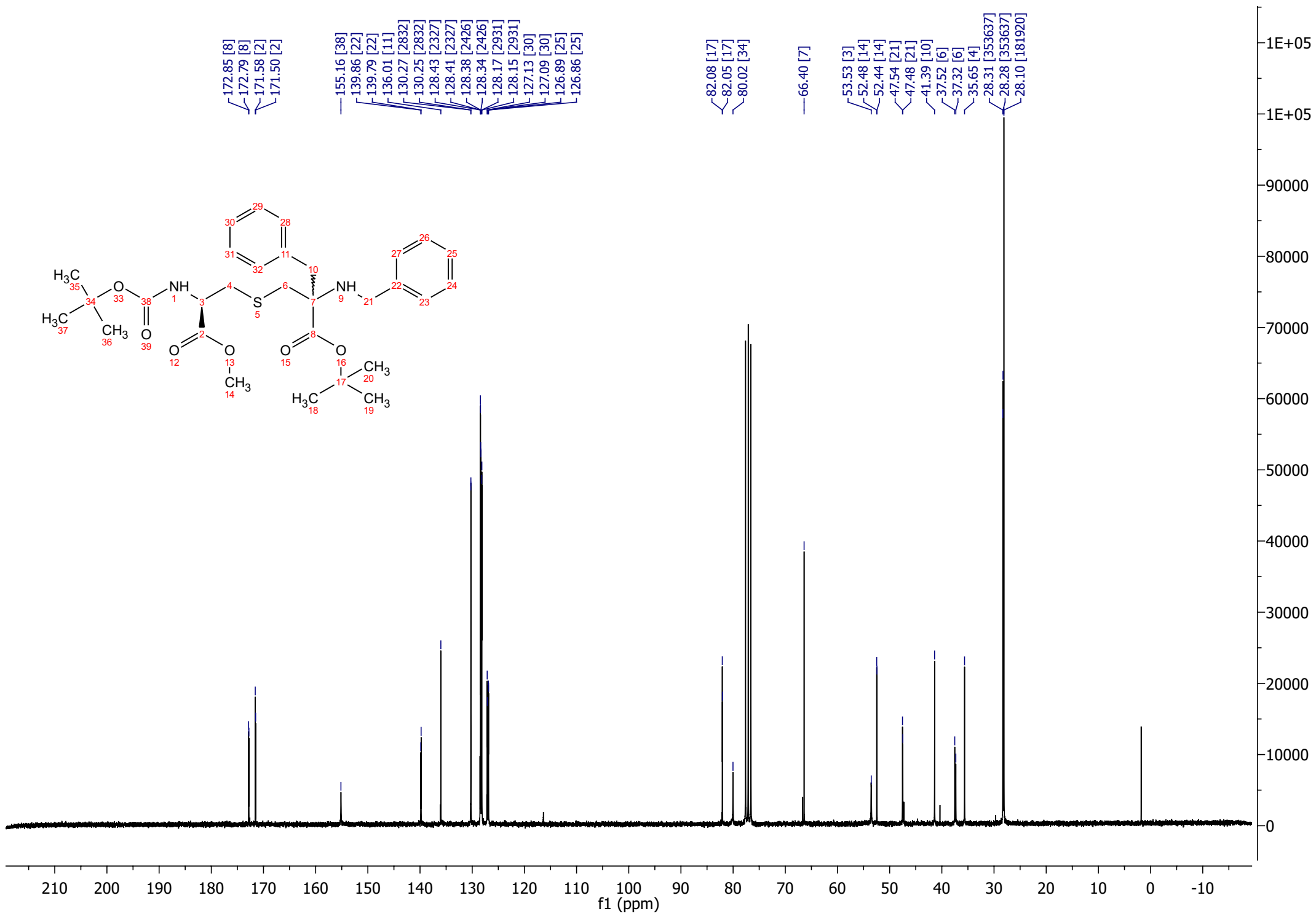


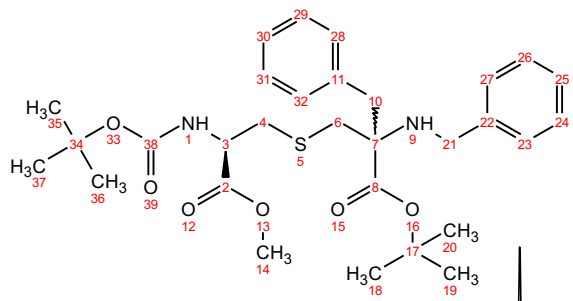
$^1\text{H}$ - $^{13}\text{C}$  HSQC (color)  
 $^1\text{H}$ - $^{13}\text{C}$  HMBC (grey)



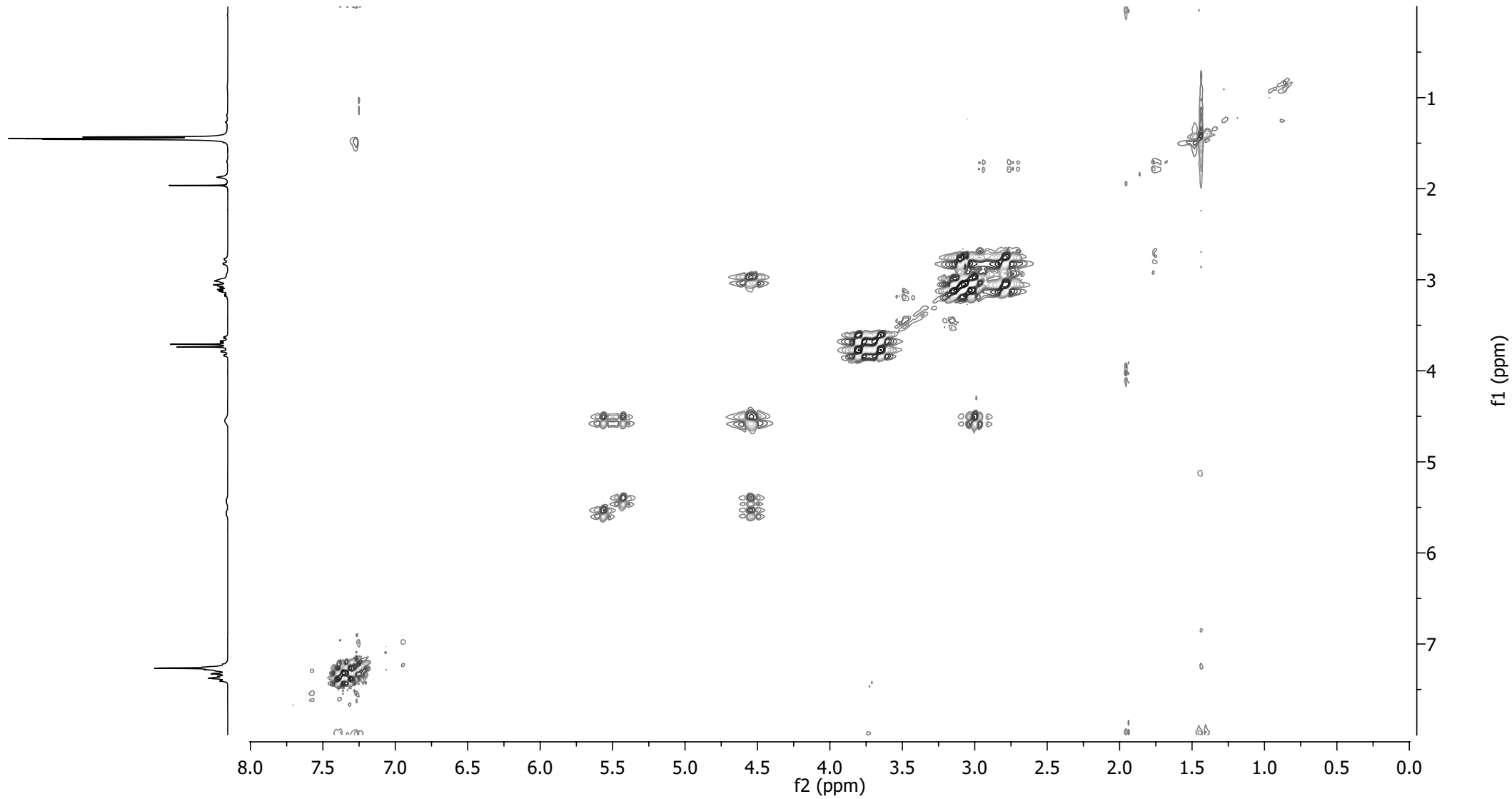
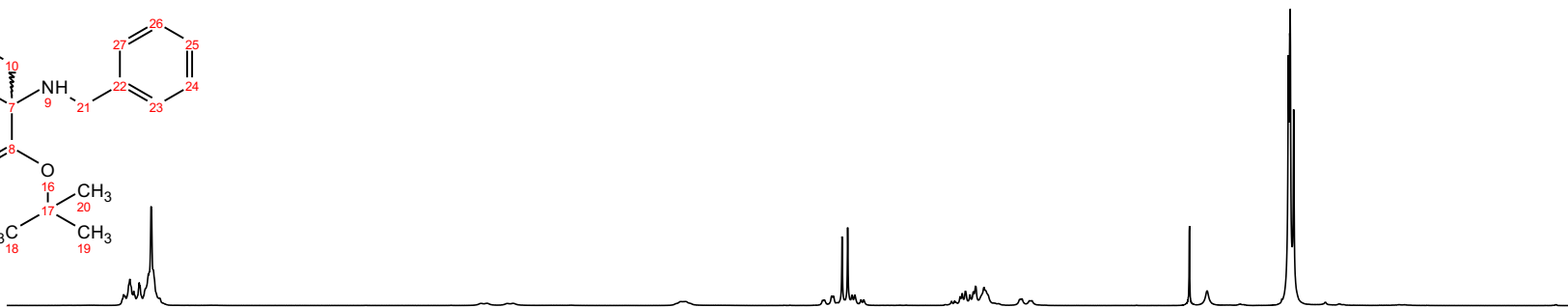


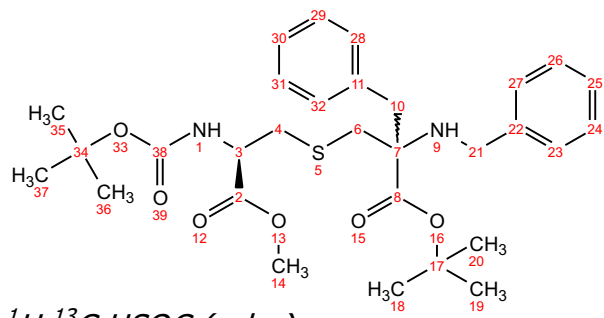




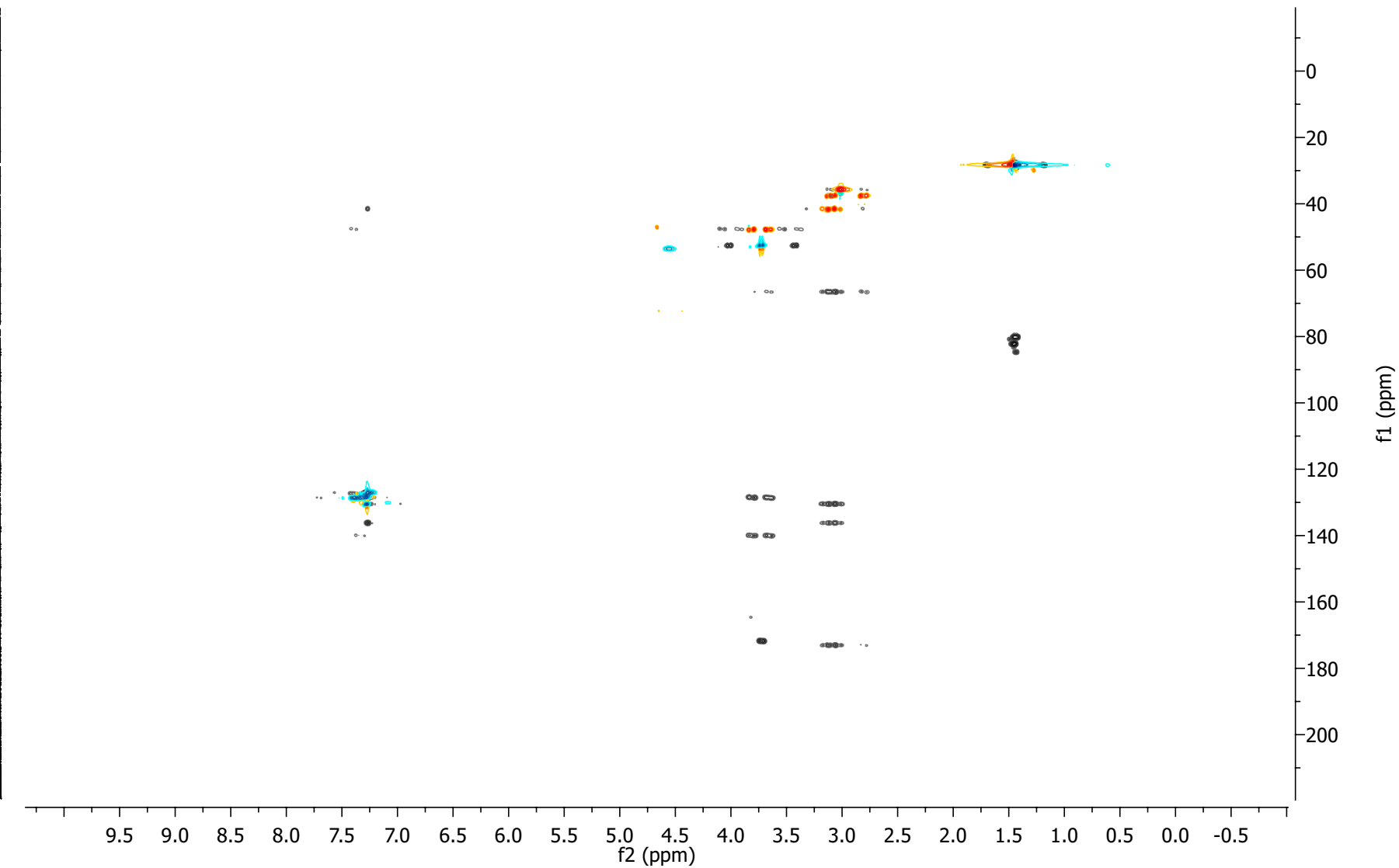
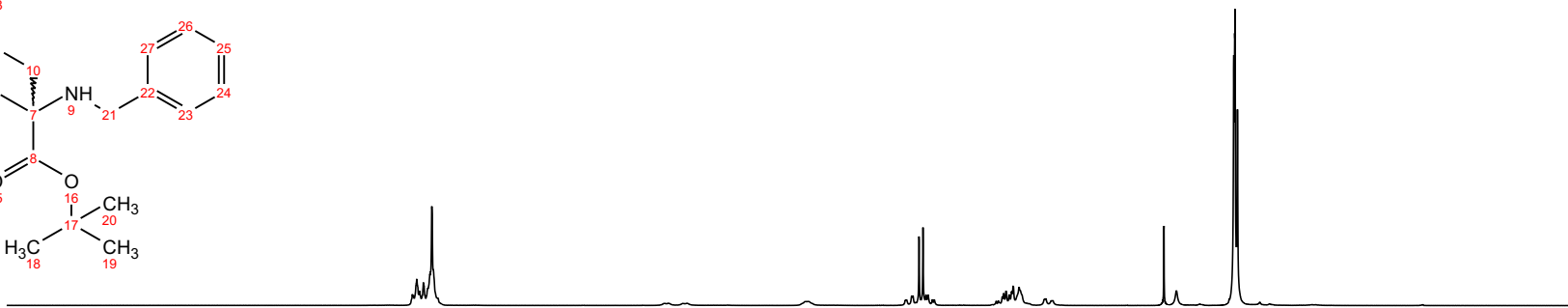


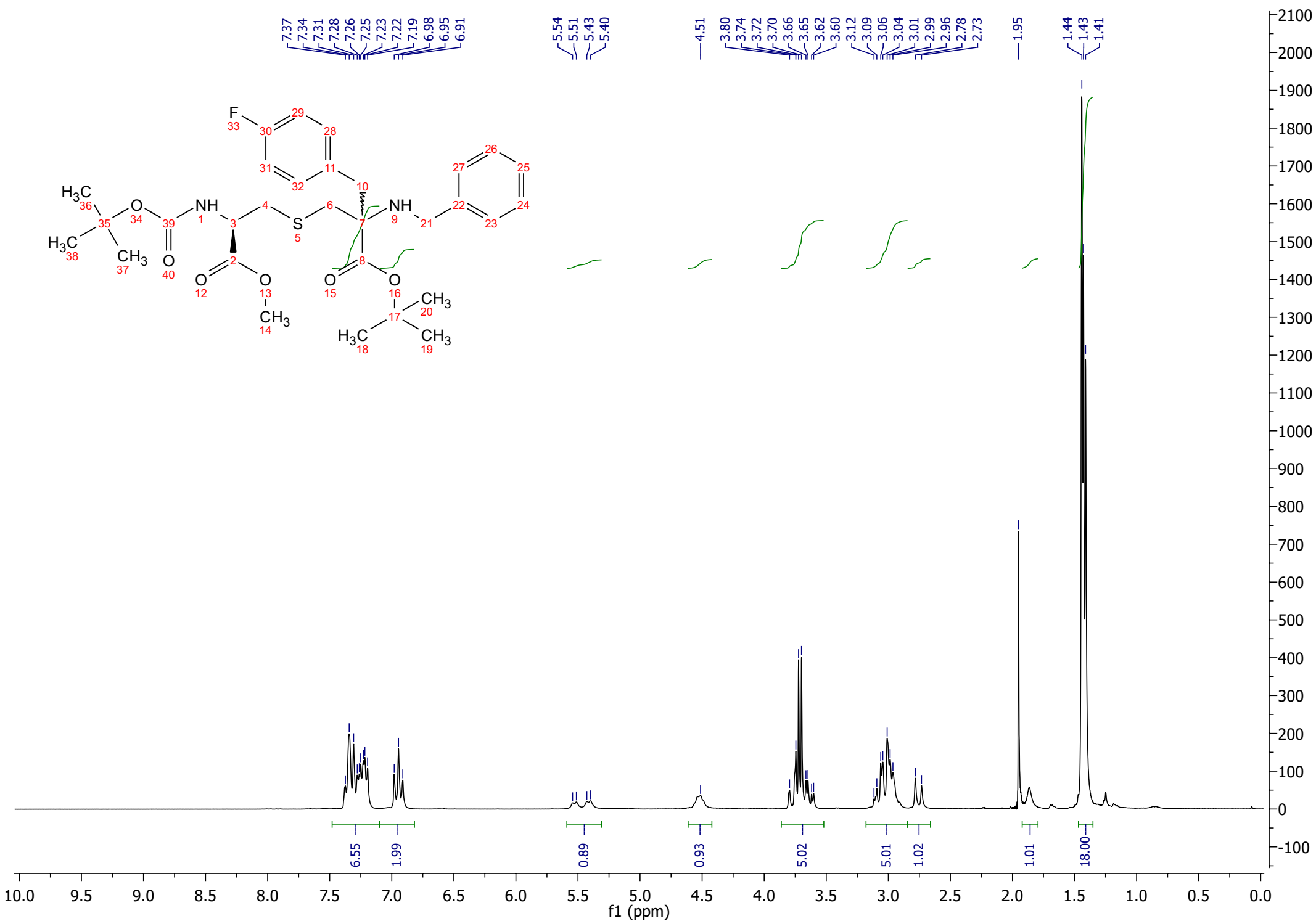
$^1\text{H}$ - $^1\text{H}$  COSY

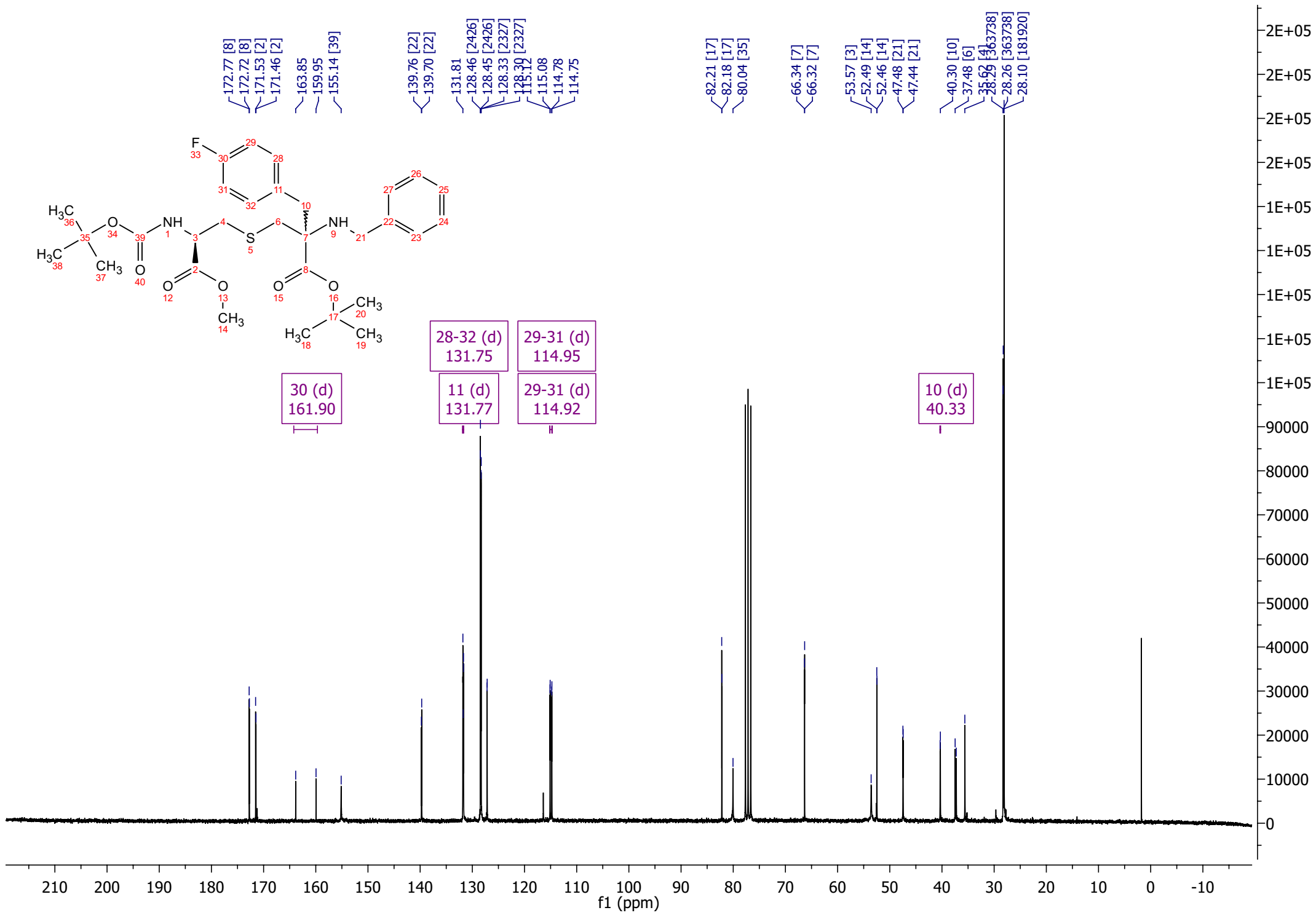


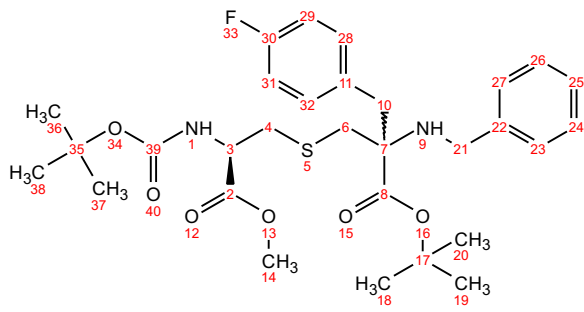


*<sup>1</sup>H-<sup>13</sup>C HSQC (color)*  
*<sup>1</sup>H-<sup>13</sup>C HMBC (grey)*

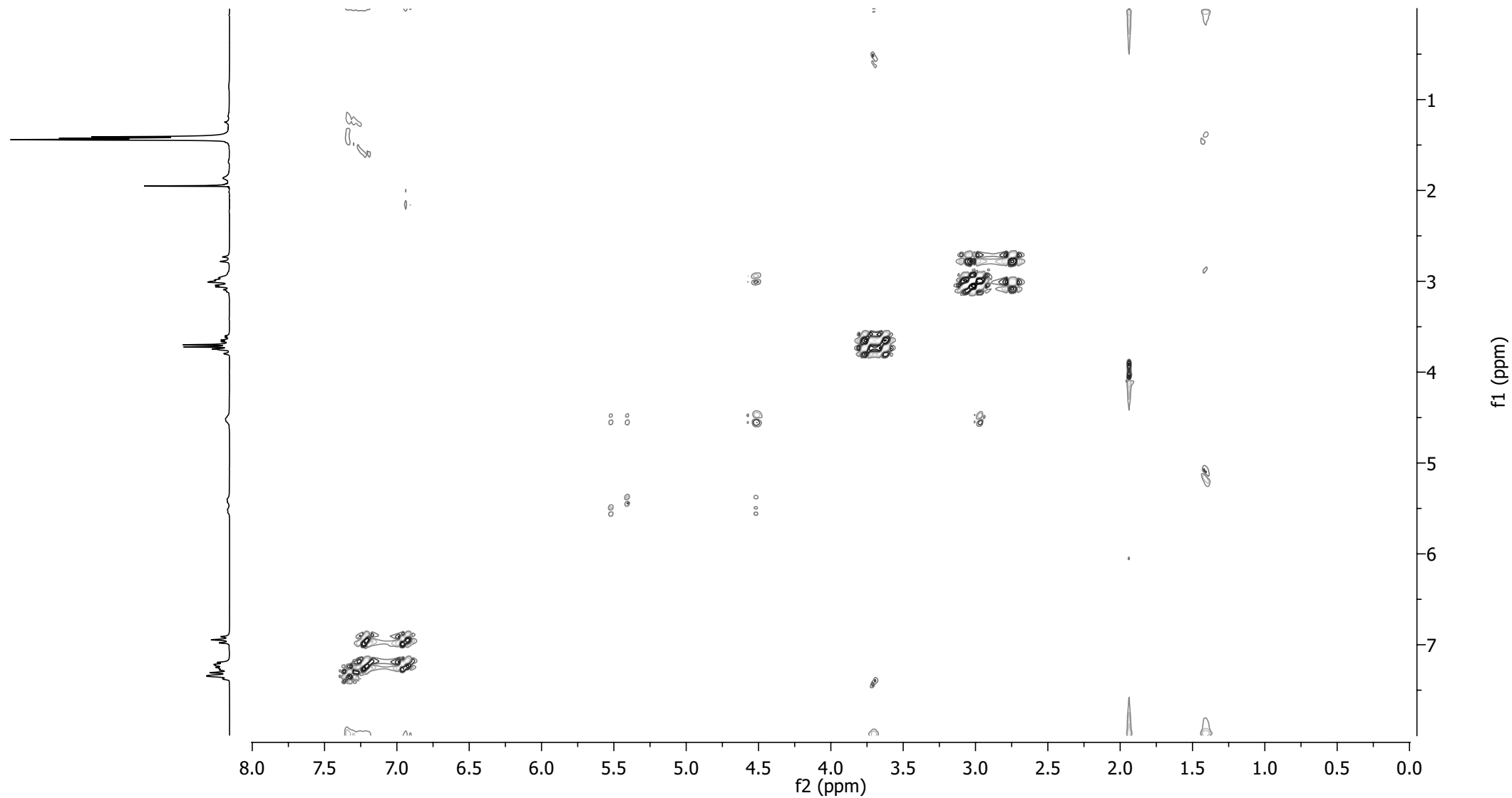


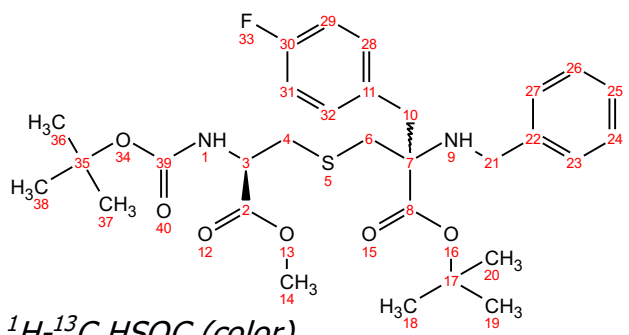




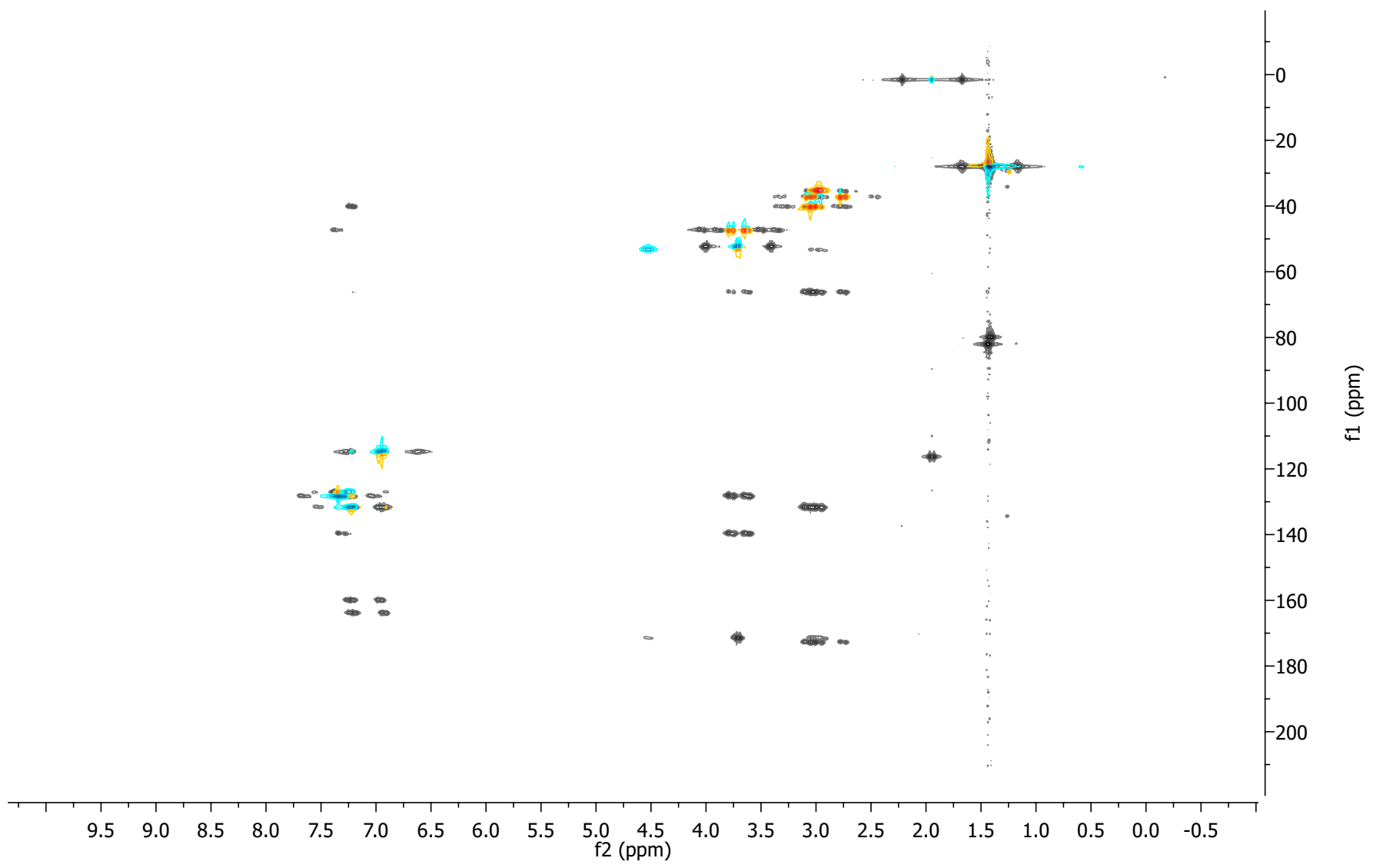
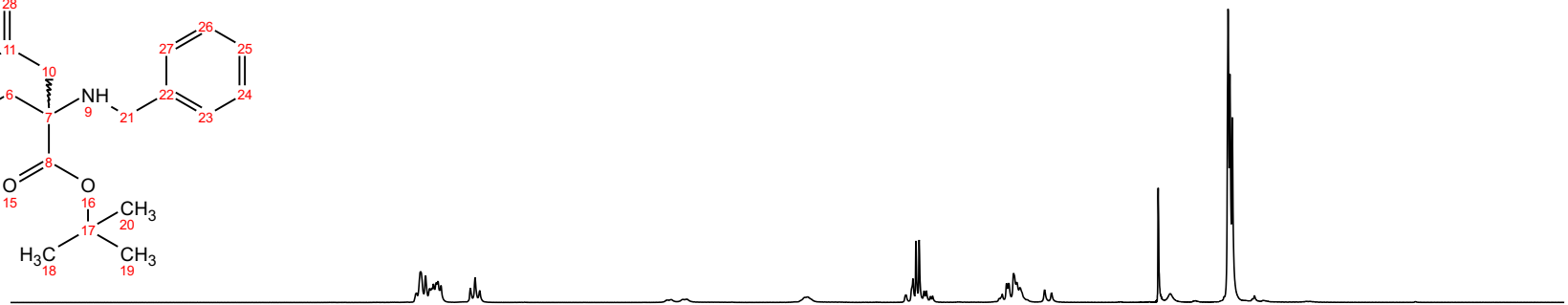


$^1\text{H}$ - $^1\text{H}$  COSY

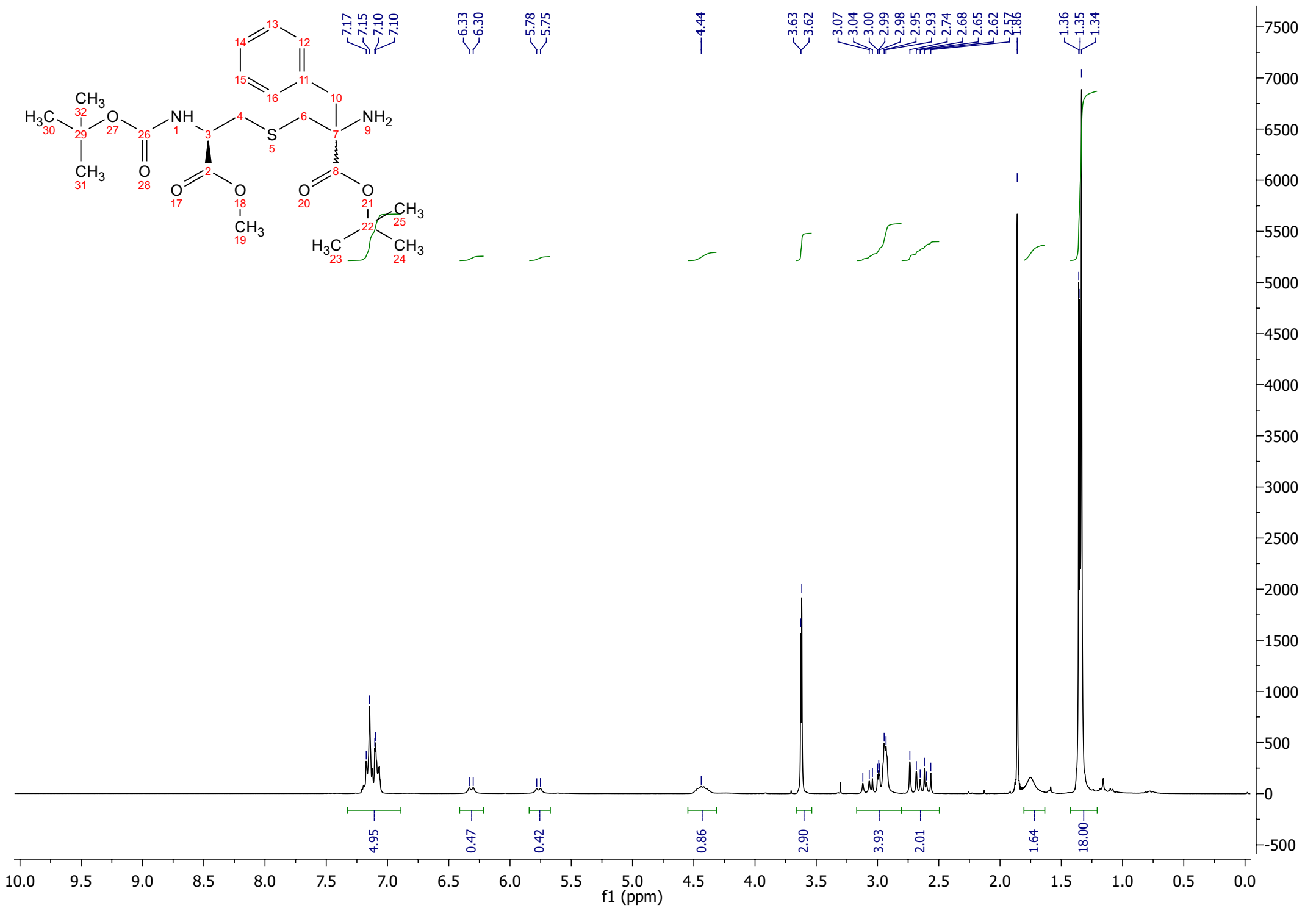


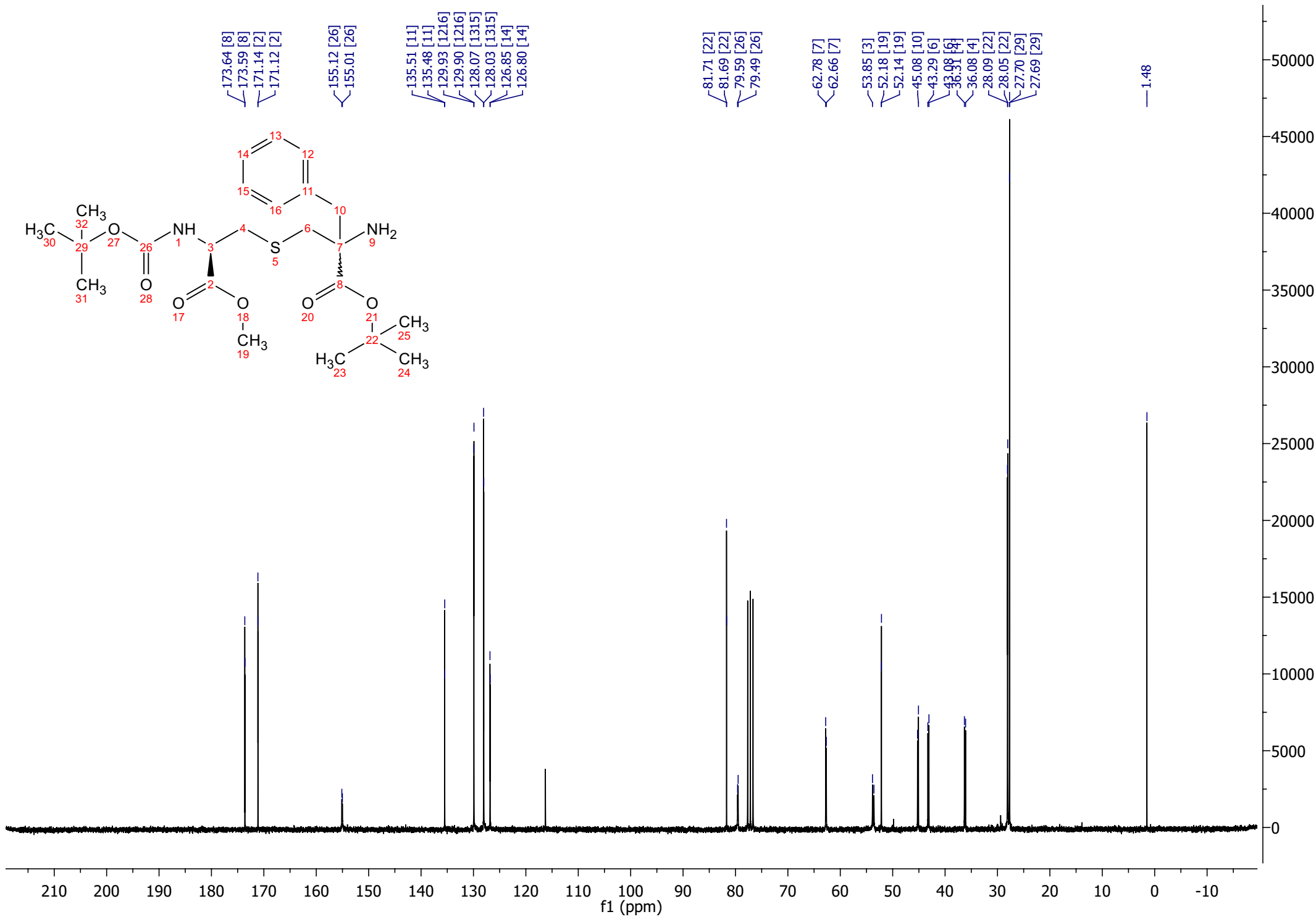


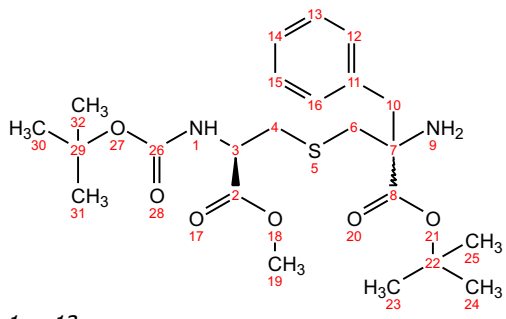
*<sup>1</sup>H-<sup>13</sup>C HSQC (color)*  
*<sup>1</sup>H-<sup>13</sup>C HMBC (grey)*



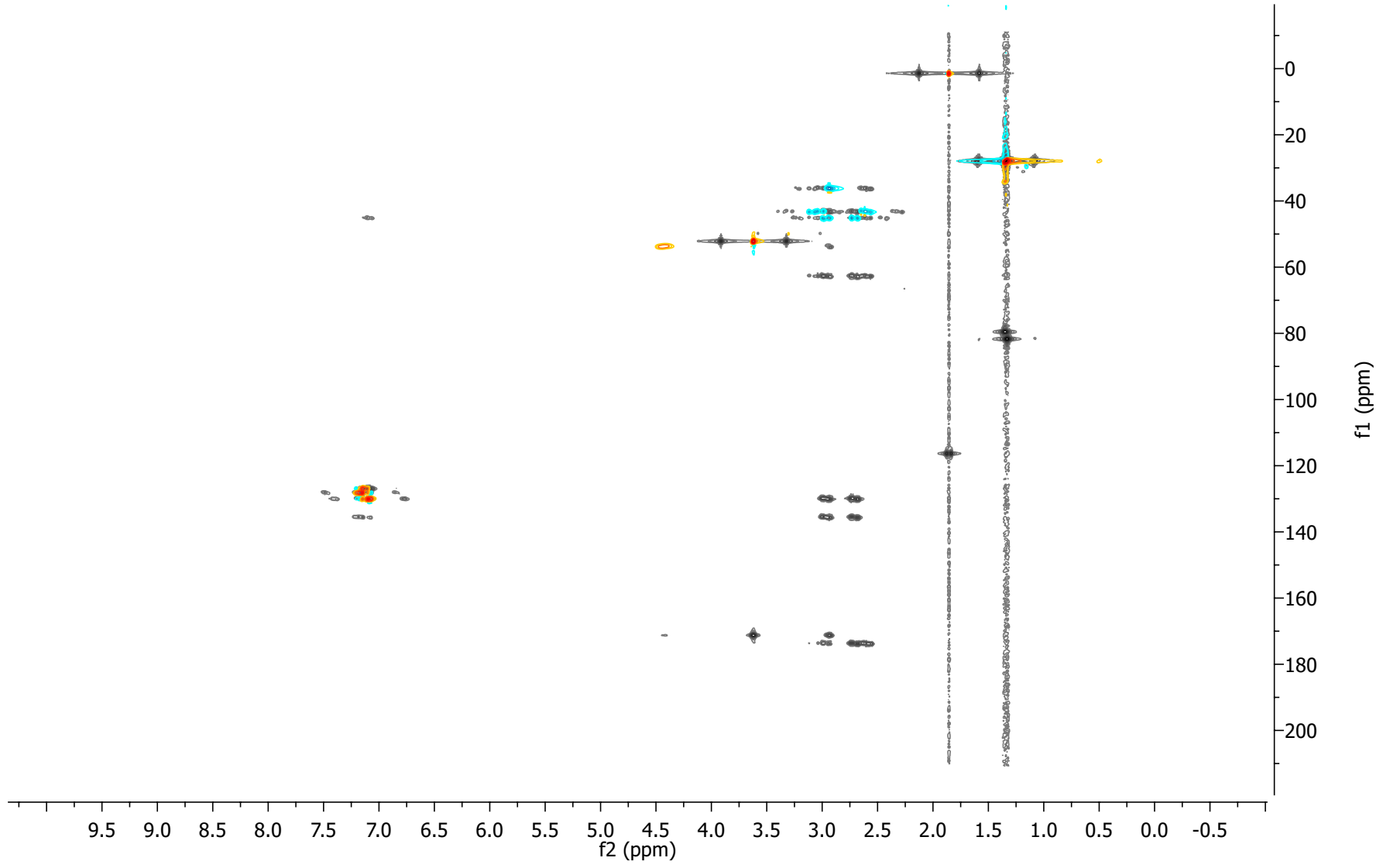
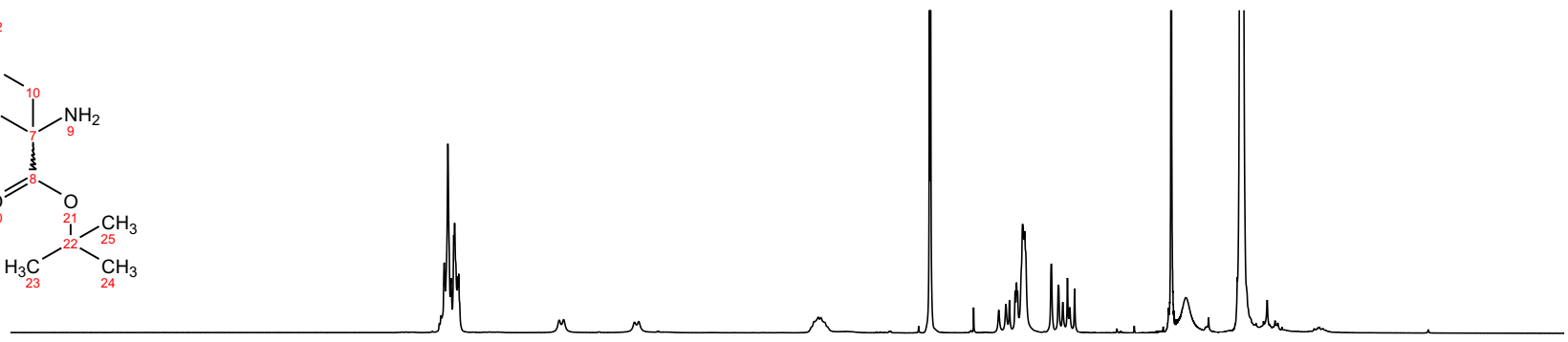


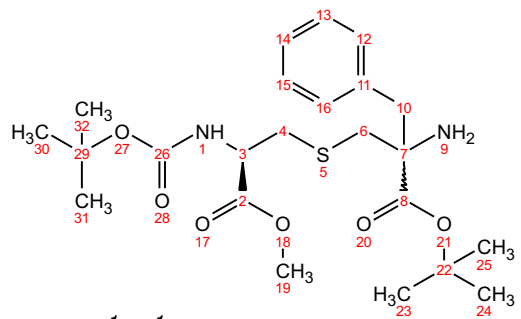




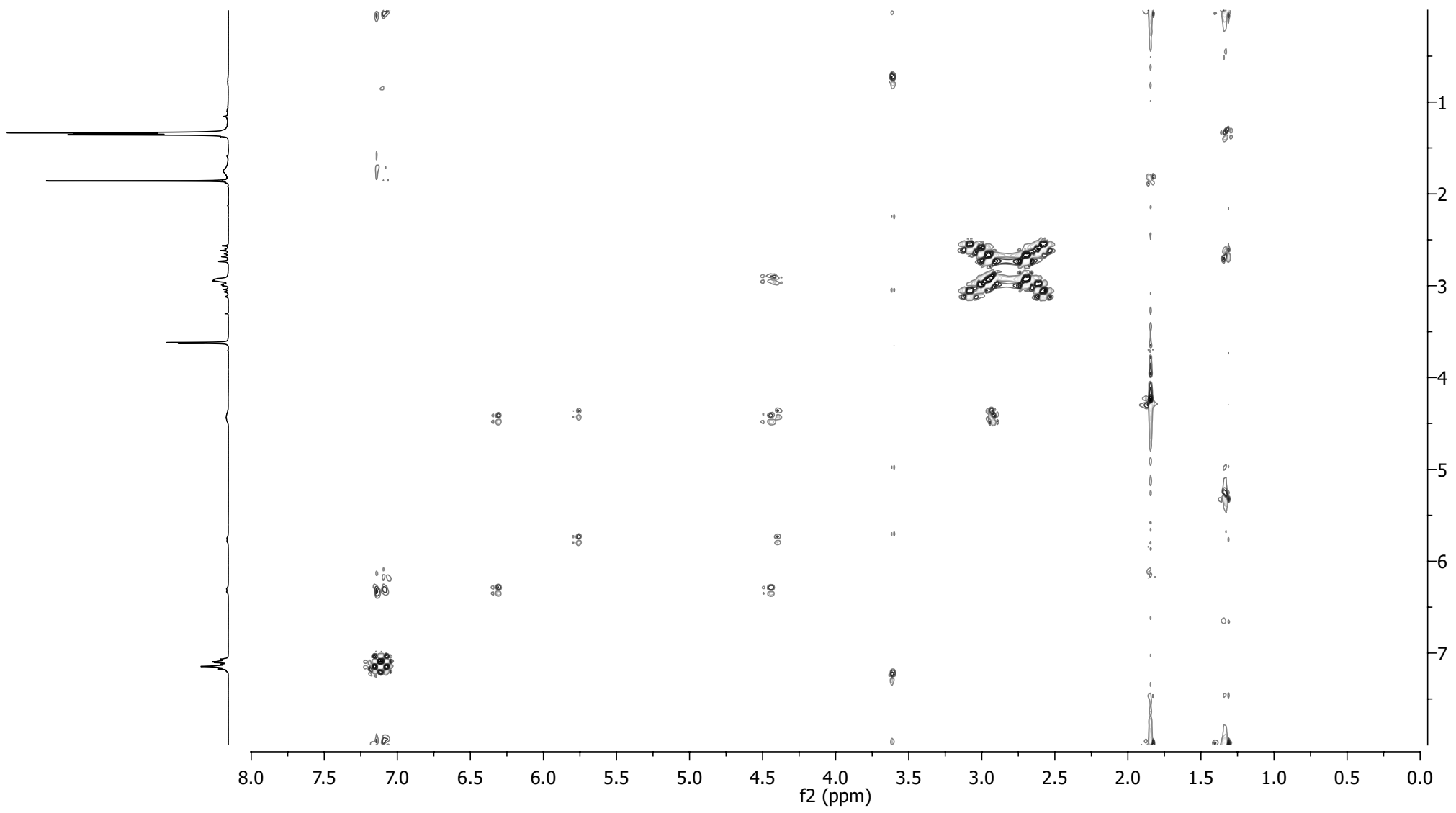
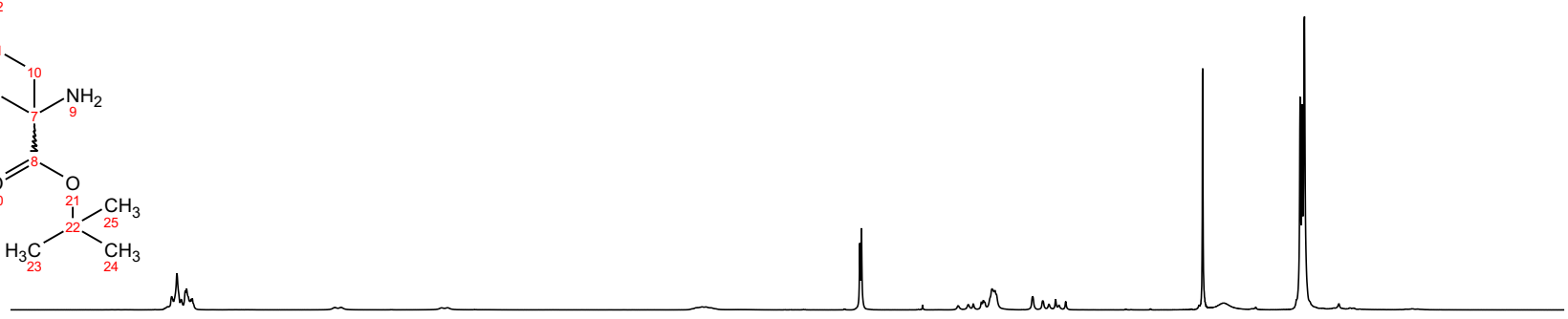


$^1\text{H}$ - $^{13}\text{C}$  HSQC (color)  
 $^1\text{H}$ - $^{13}\text{C}$  HMBC (grey)





*<sup>1</sup>H-<sup>1</sup>H COSY*



f1 (ppm)

f2 (ppm)