

**Supporting Information for:**

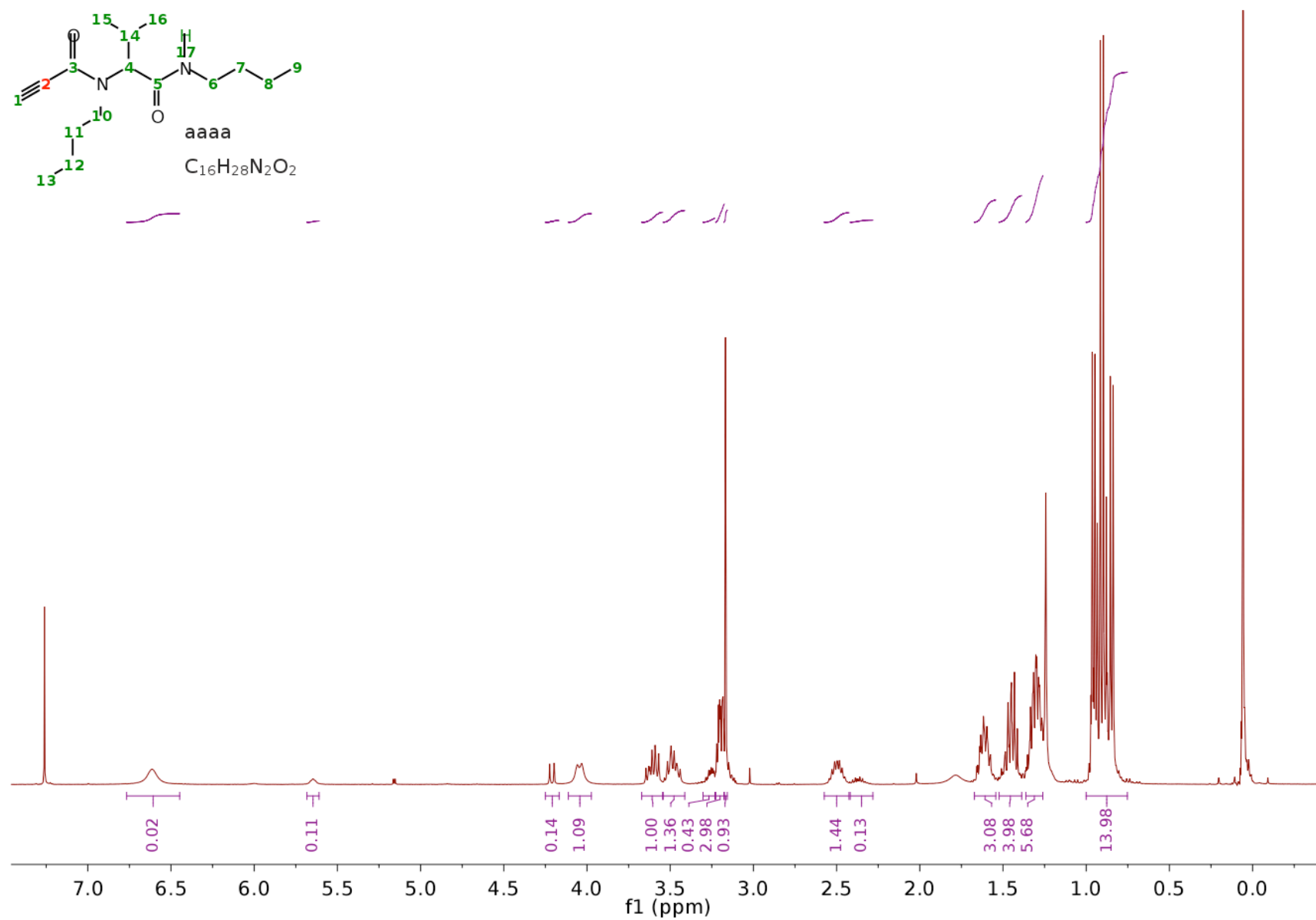
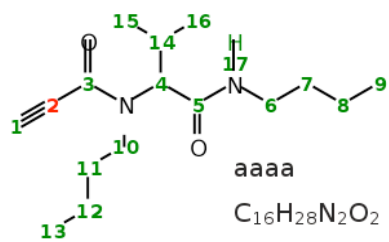
***Anti-bacterial glycosyl triazoles – Identification of an N-acetyl glucosamine derivative with bacteriostatic activity against Bacillus***

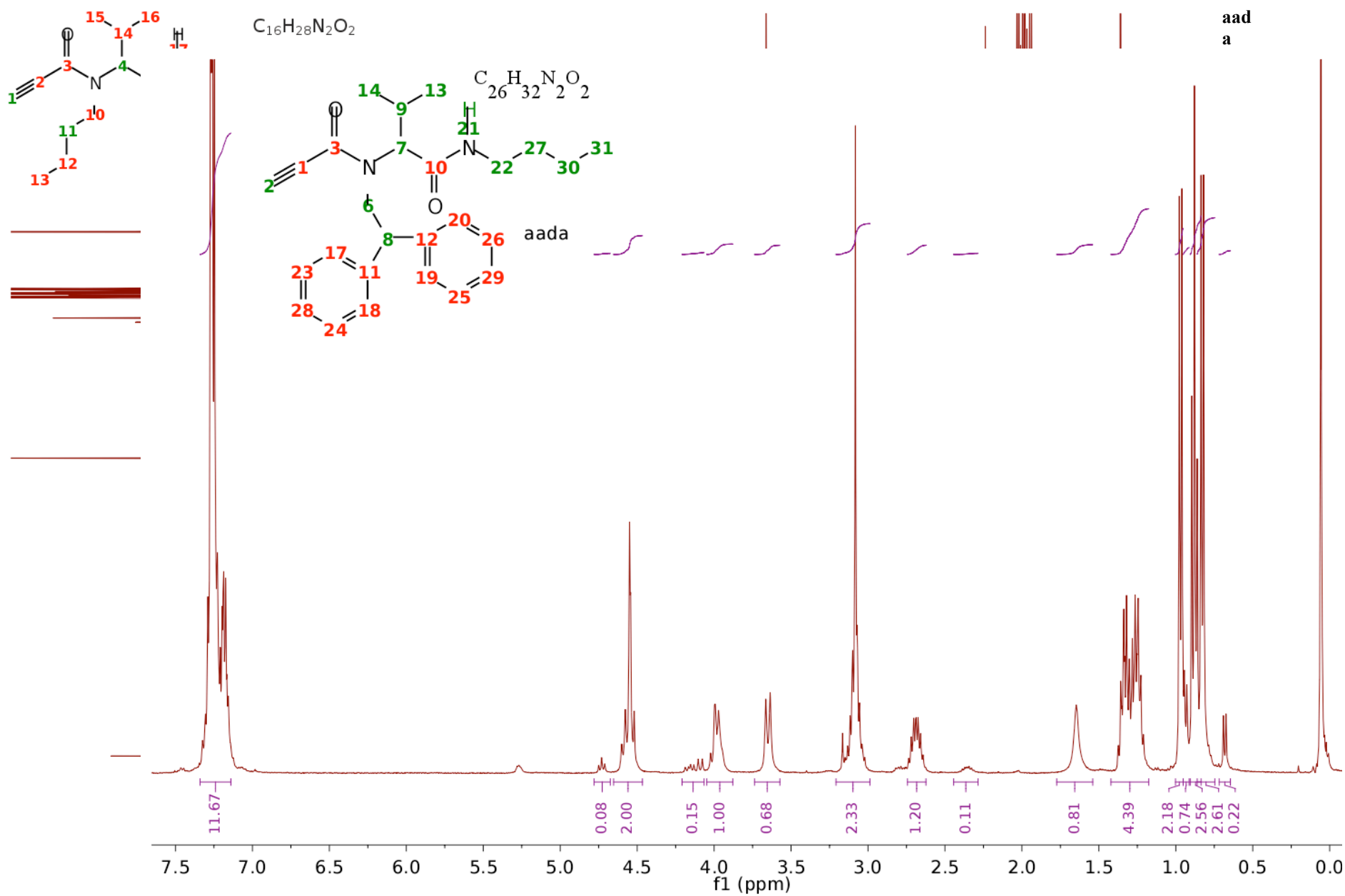
*Helene Kuhn, Danielle Gutelius, Eimear Black, Christina Nadolny, Amit Basu\*, and Christopher Reid\**

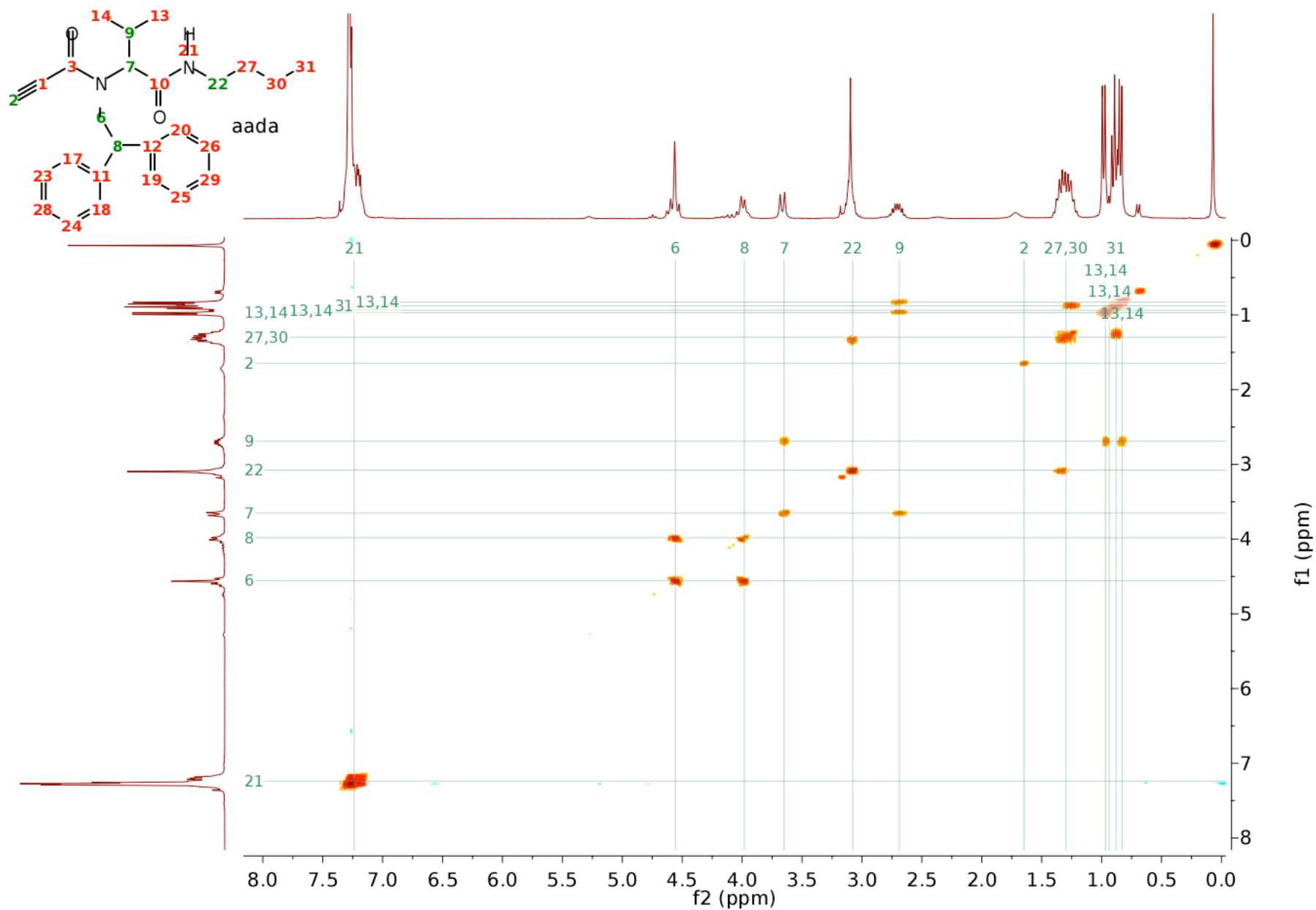
Department of Chemistry, Brown University, Providence RI 02912; abasu@brown.edu

Department of Science and Technology, Bryant University, Providence RI 02917, creid@bryant.edu

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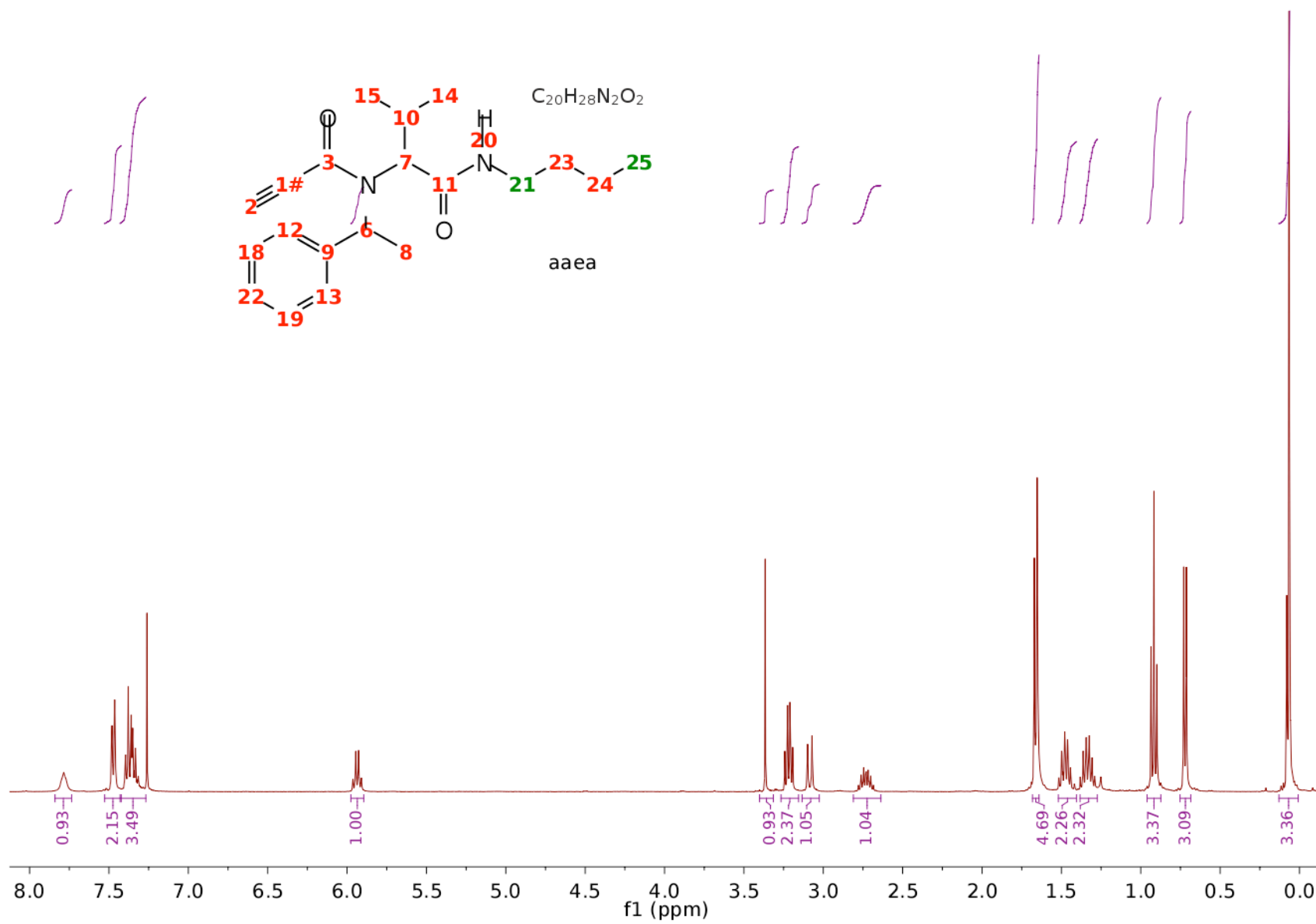


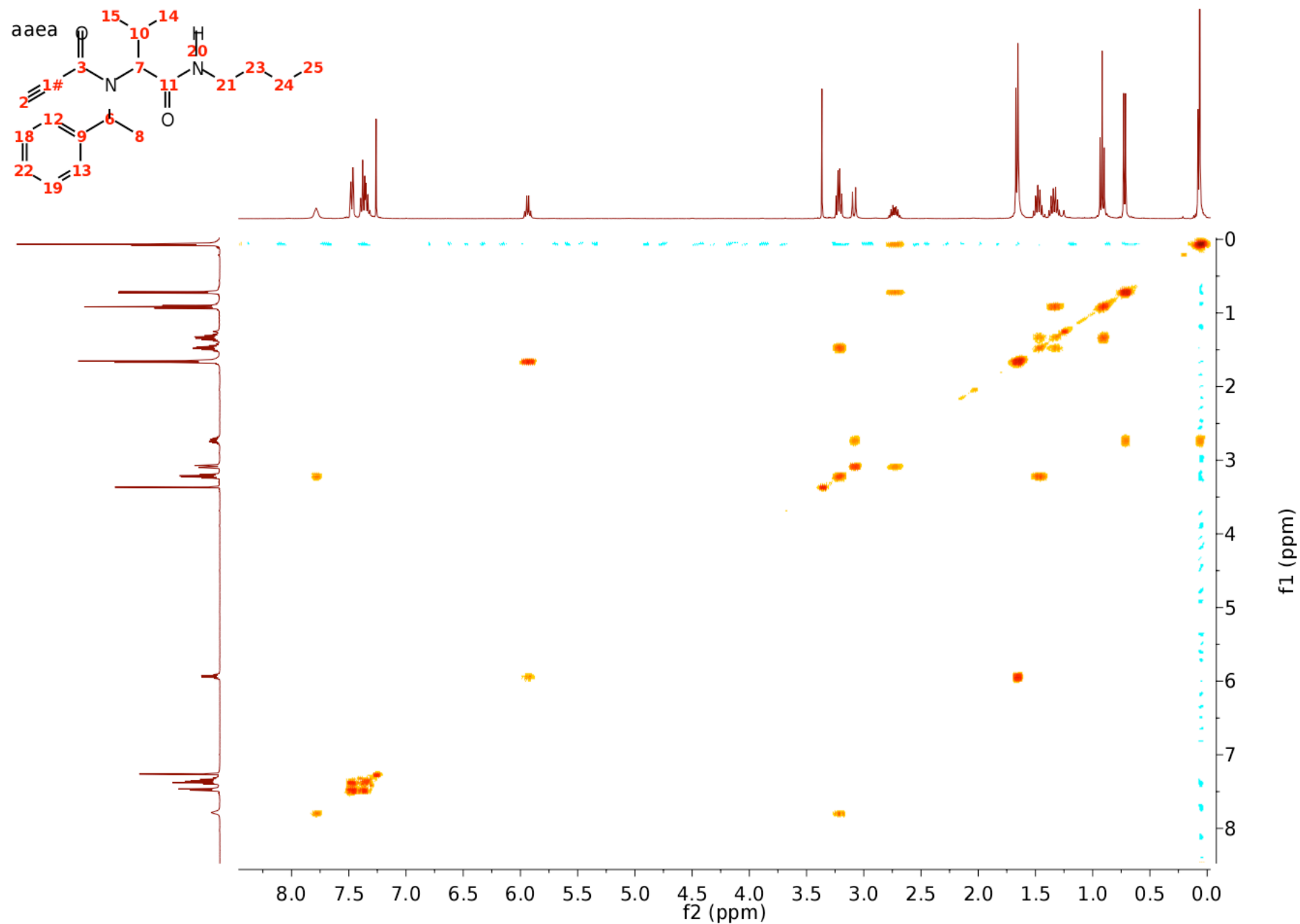




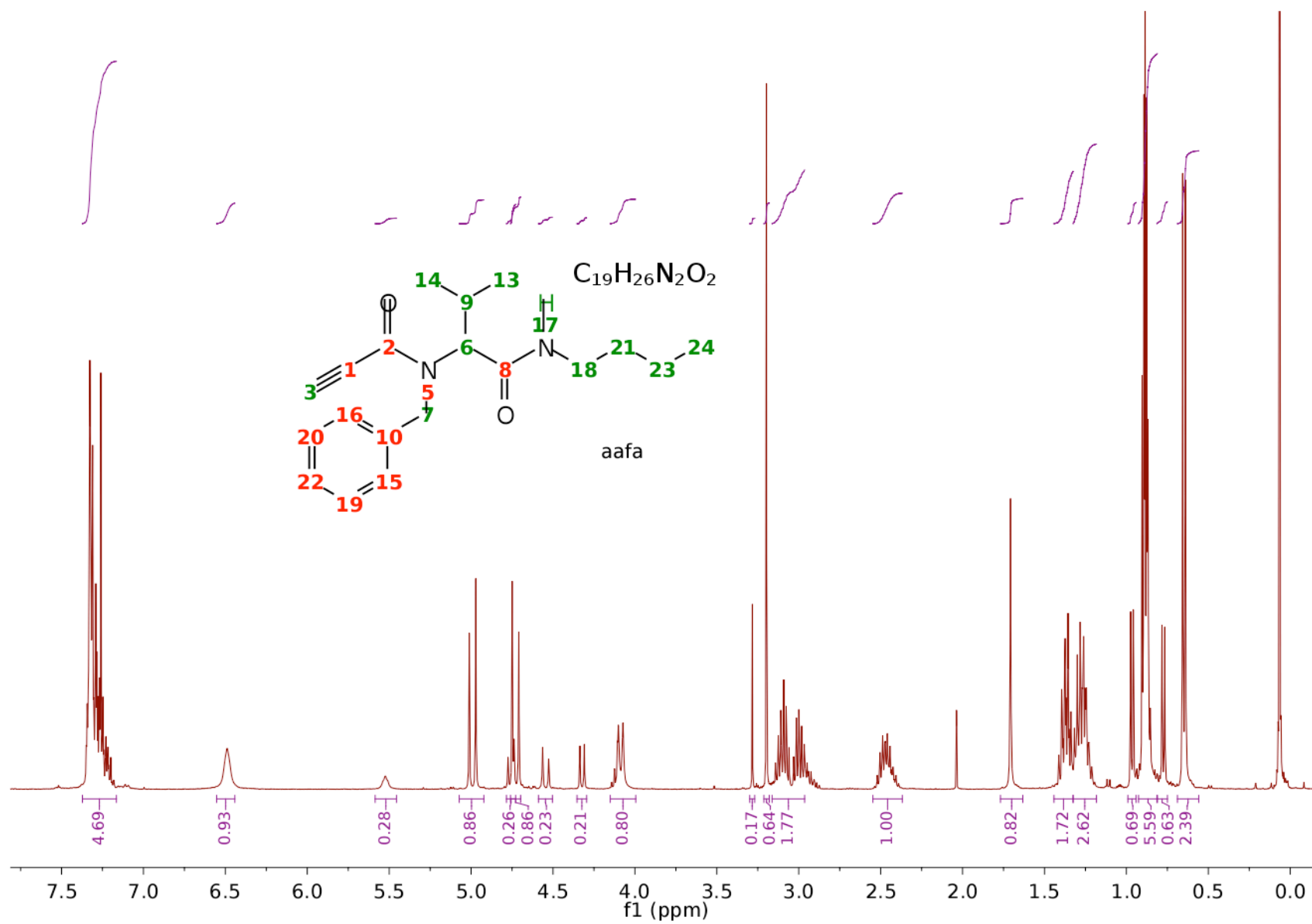


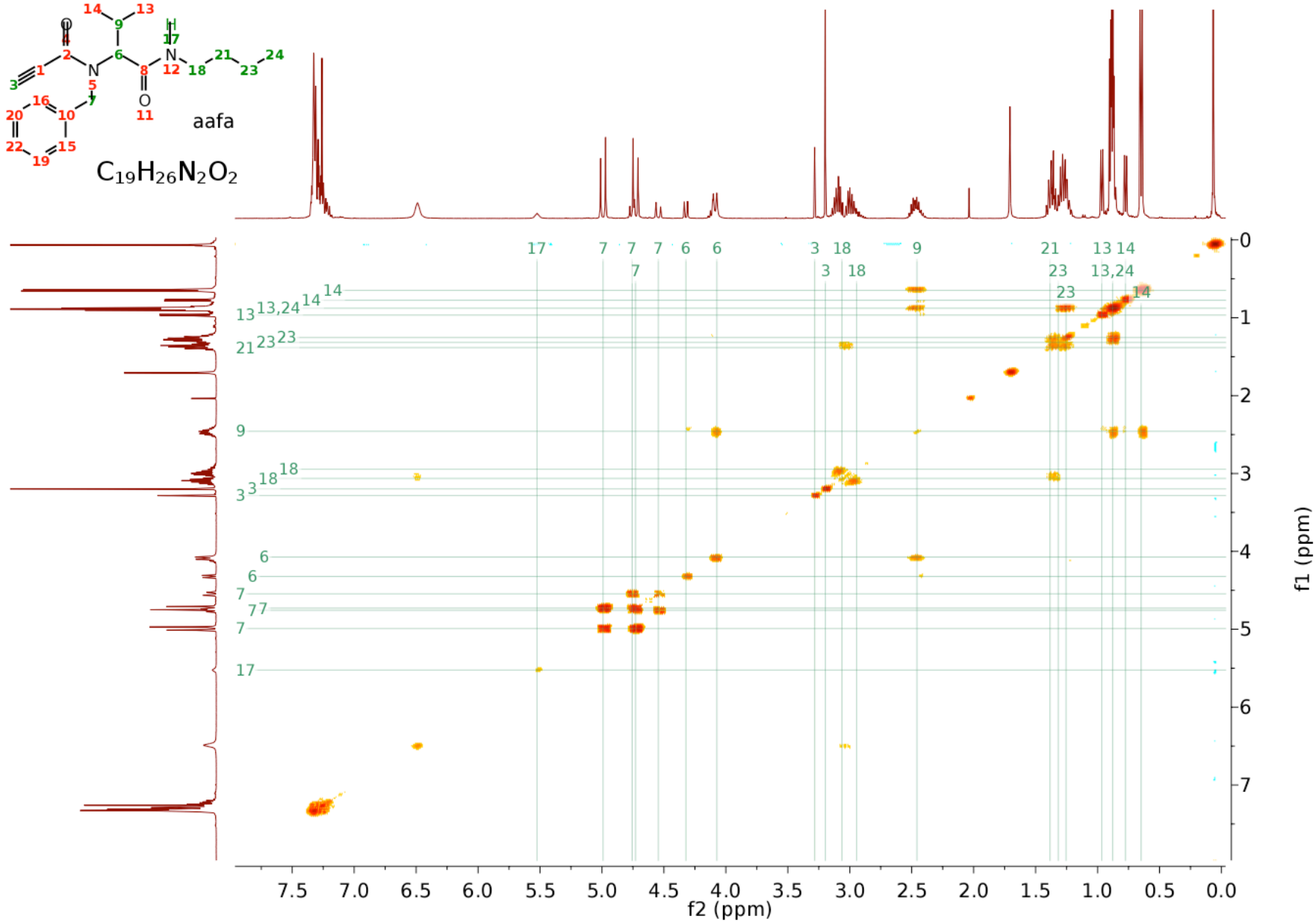
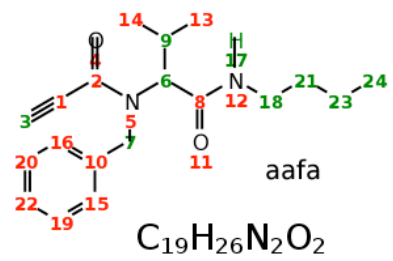
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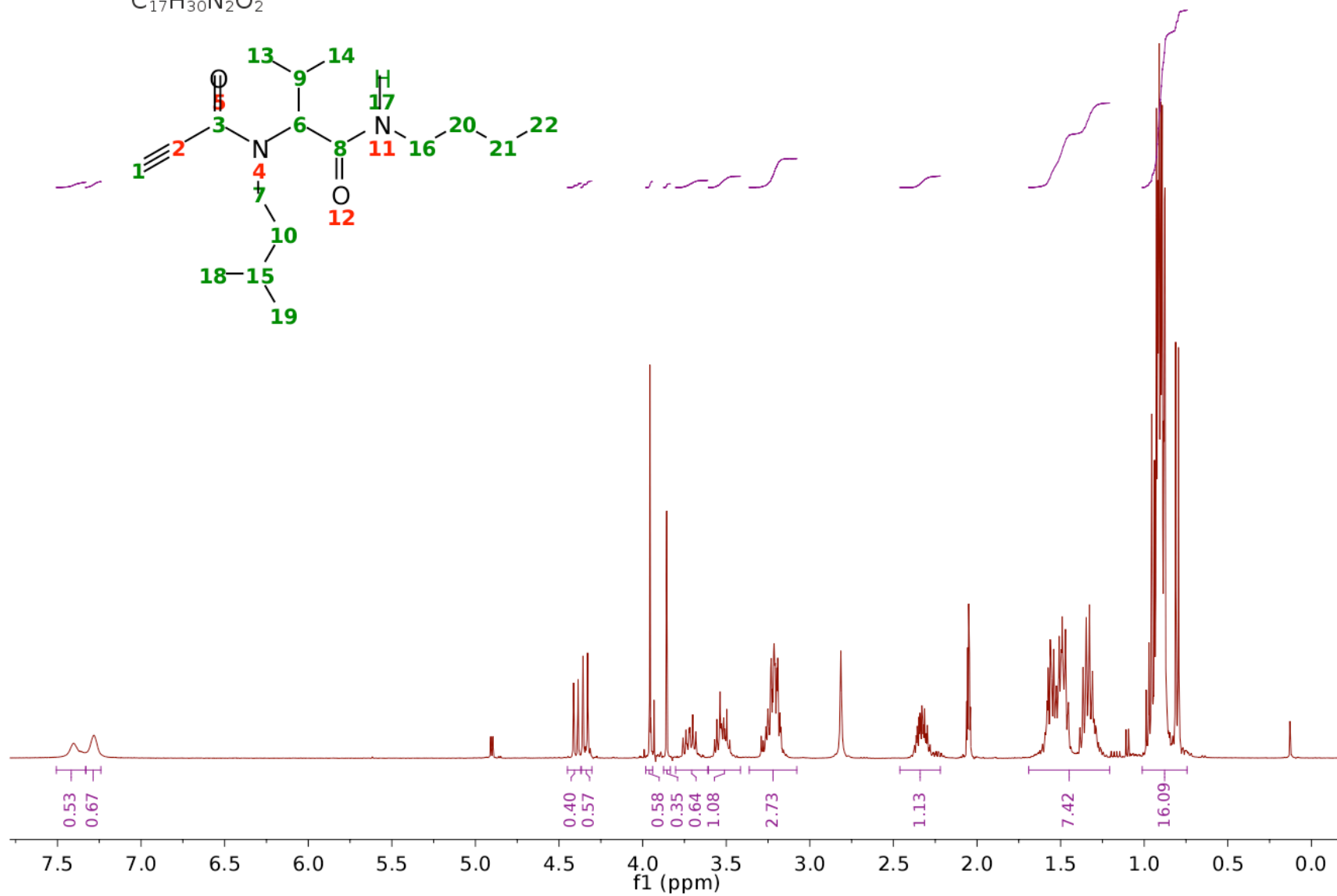
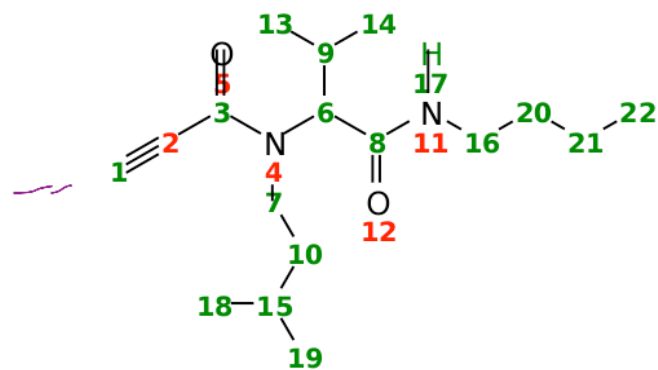
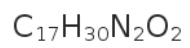


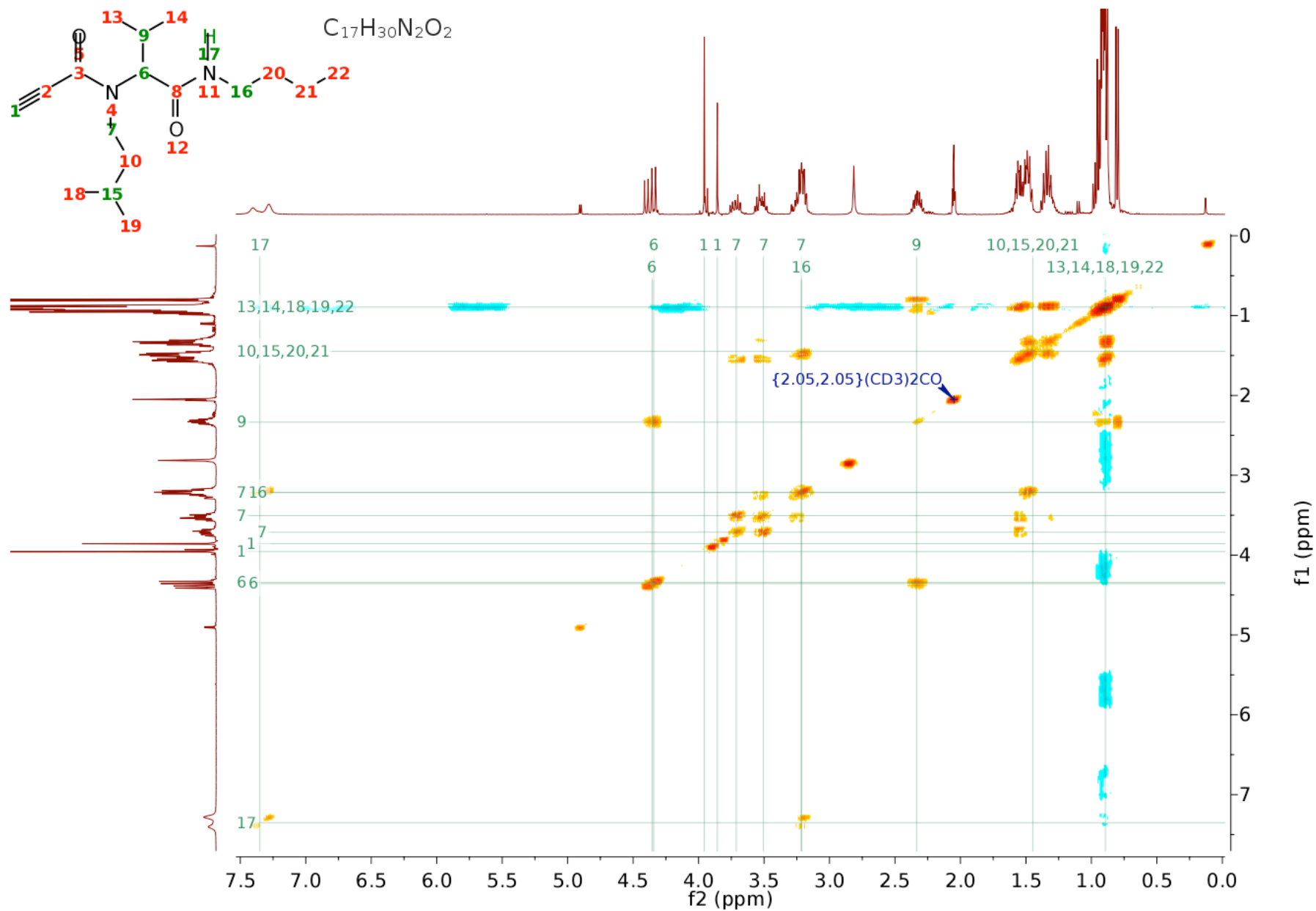
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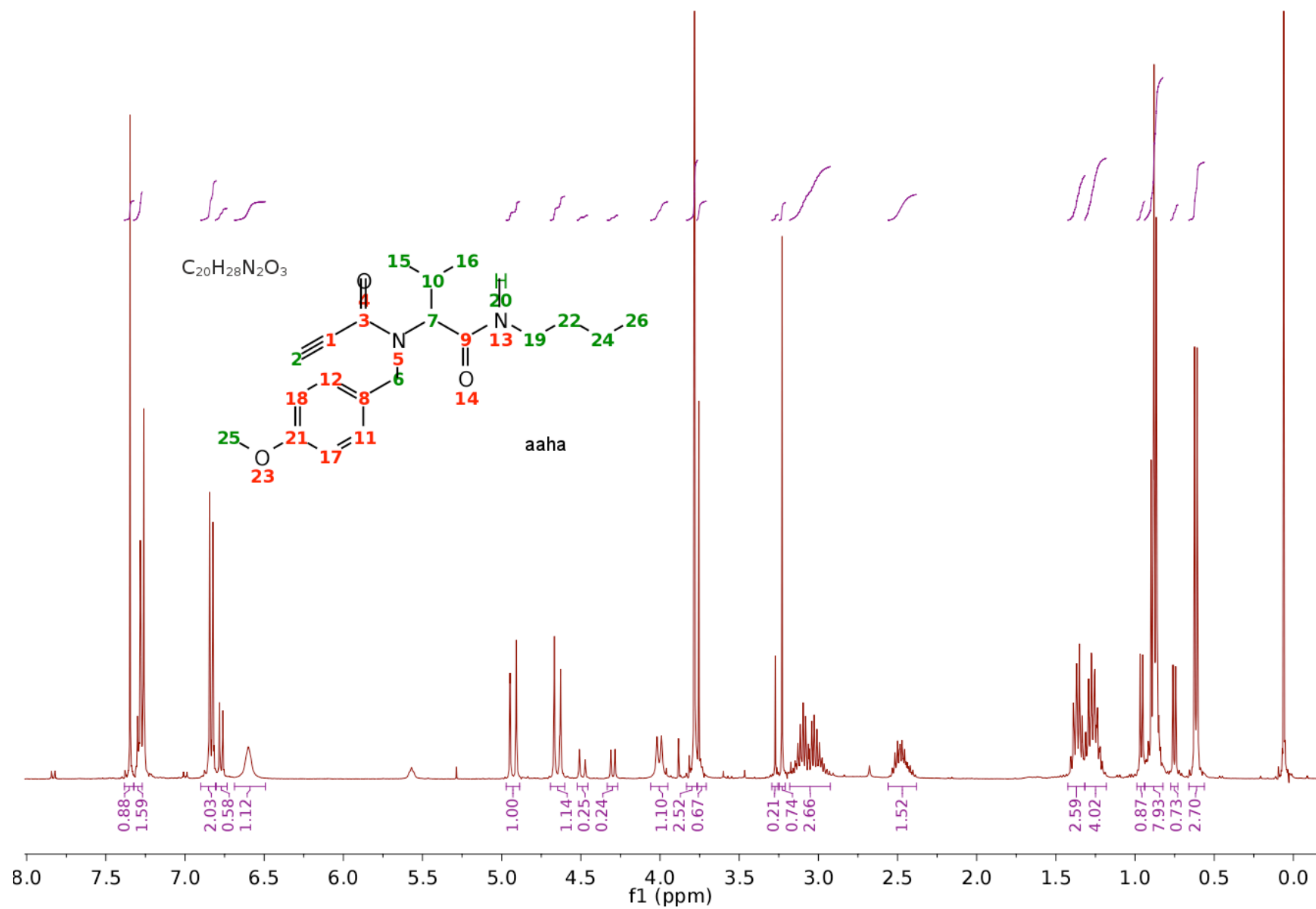


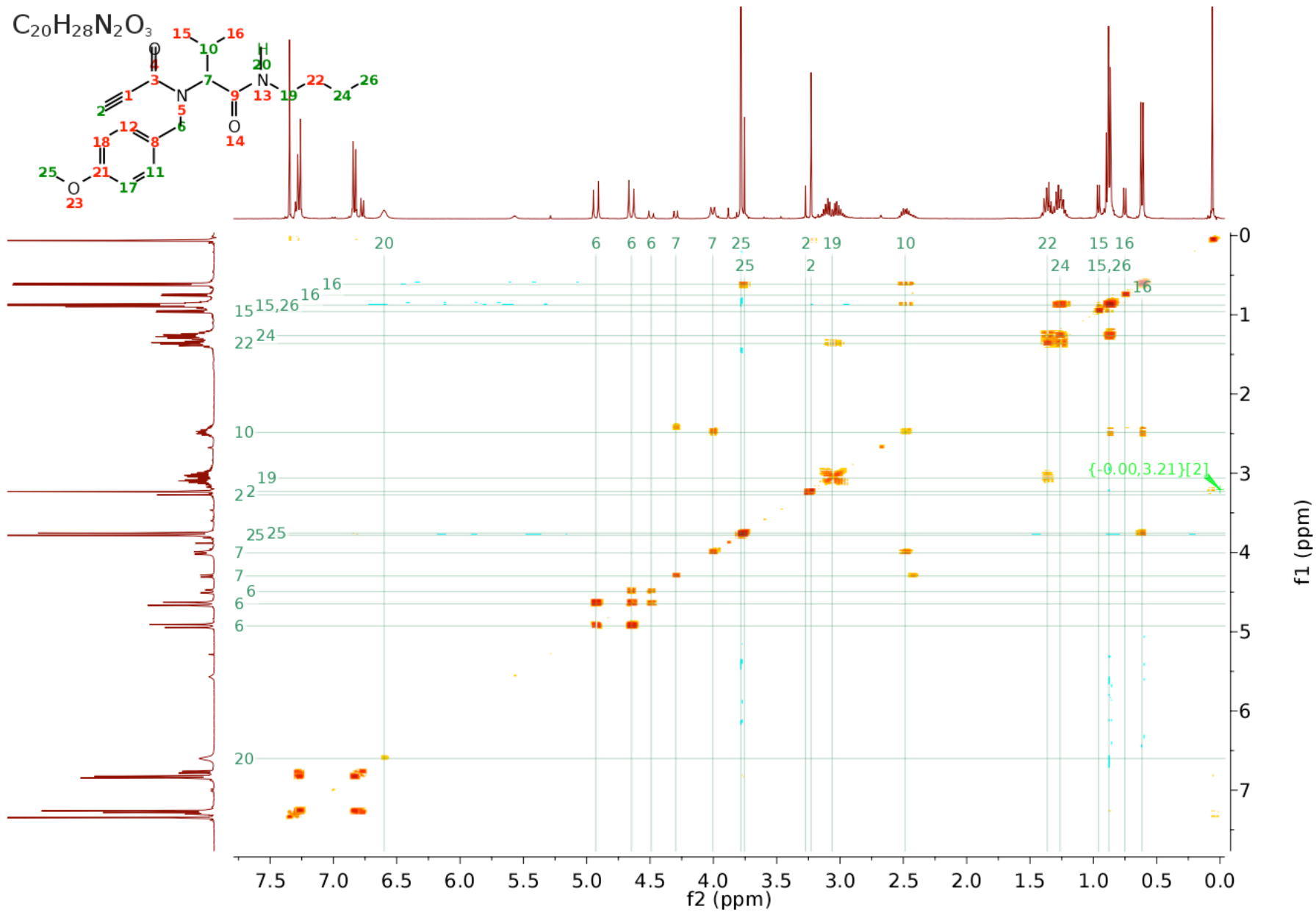
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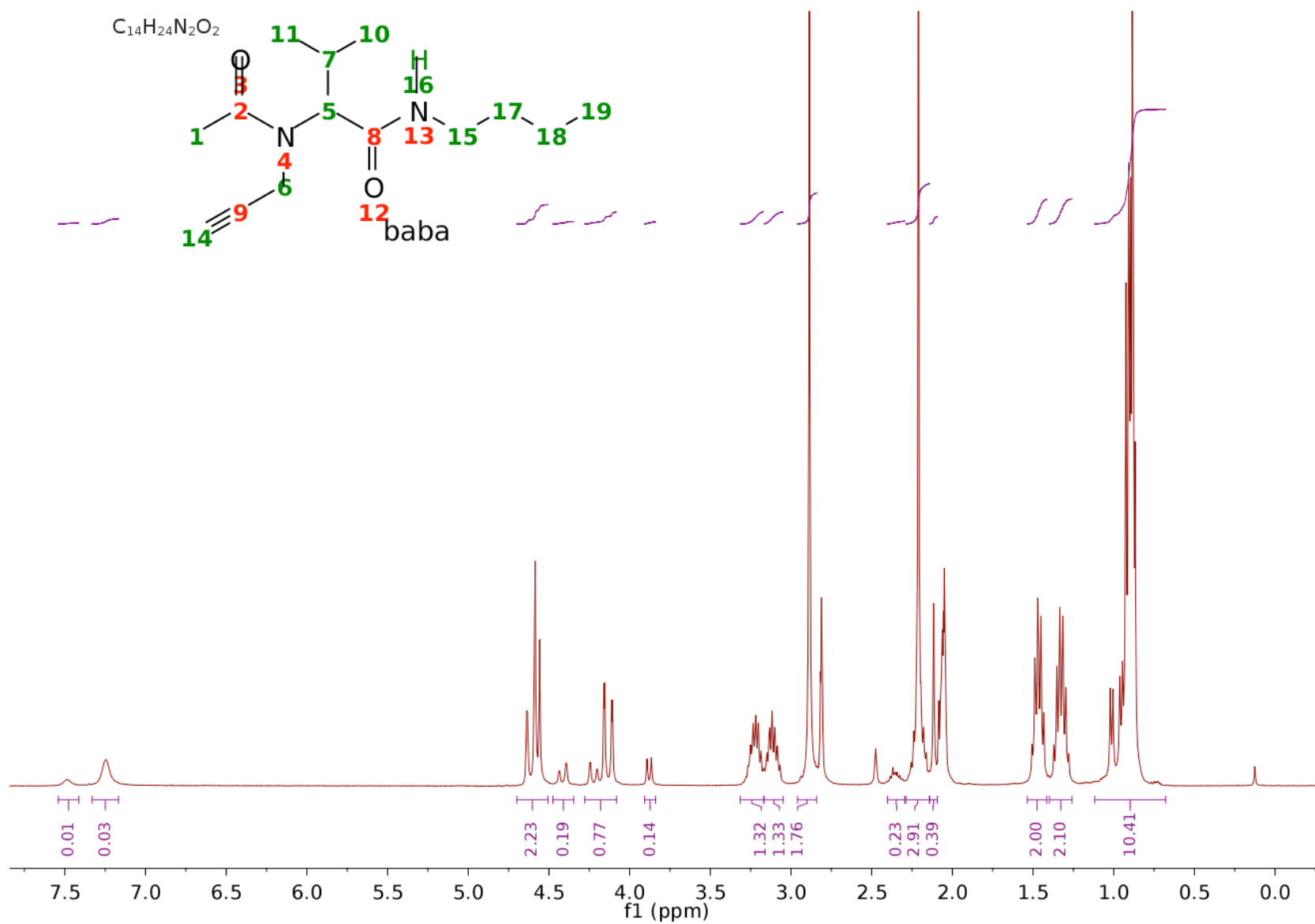
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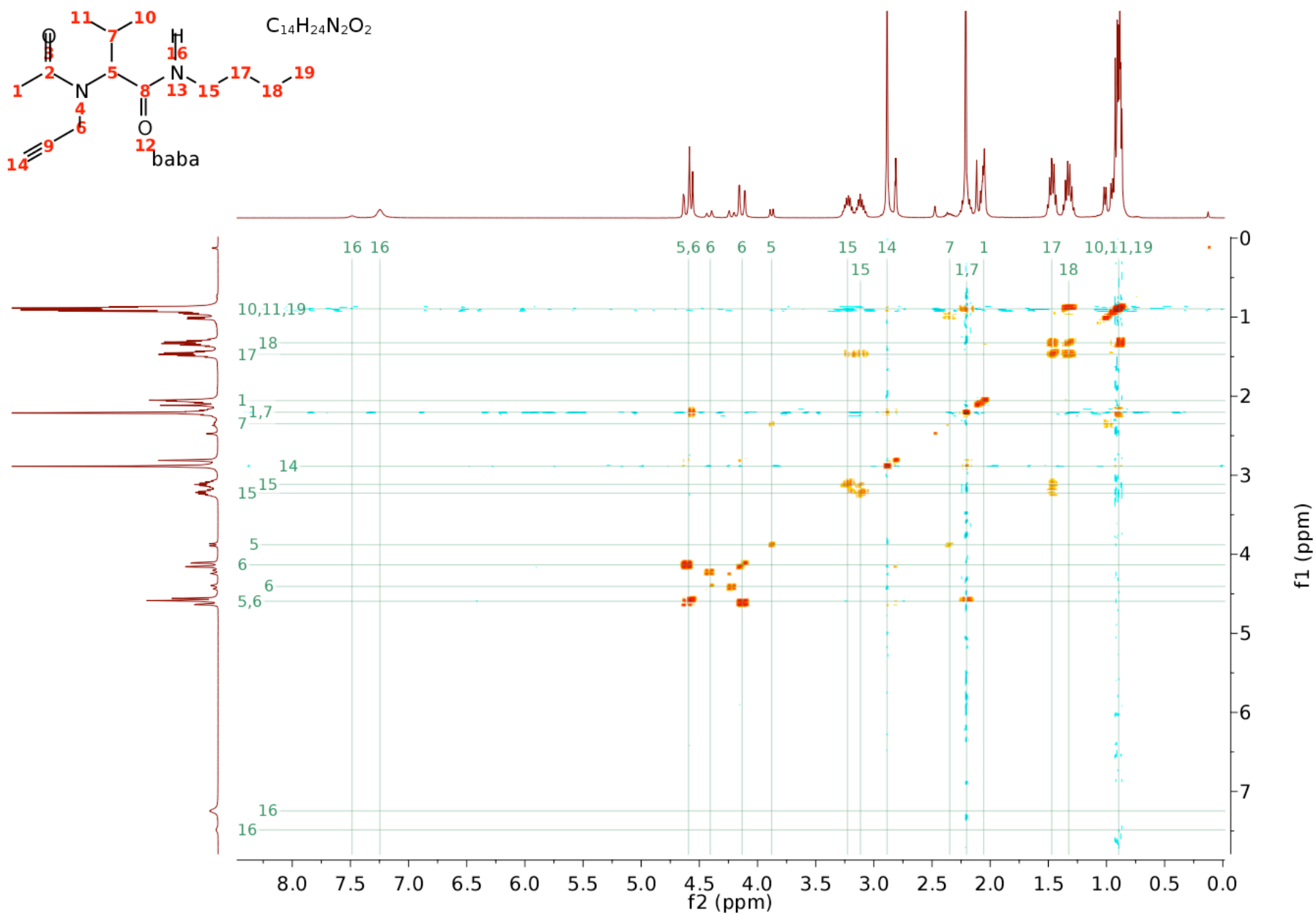
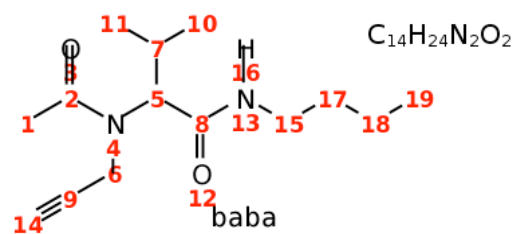




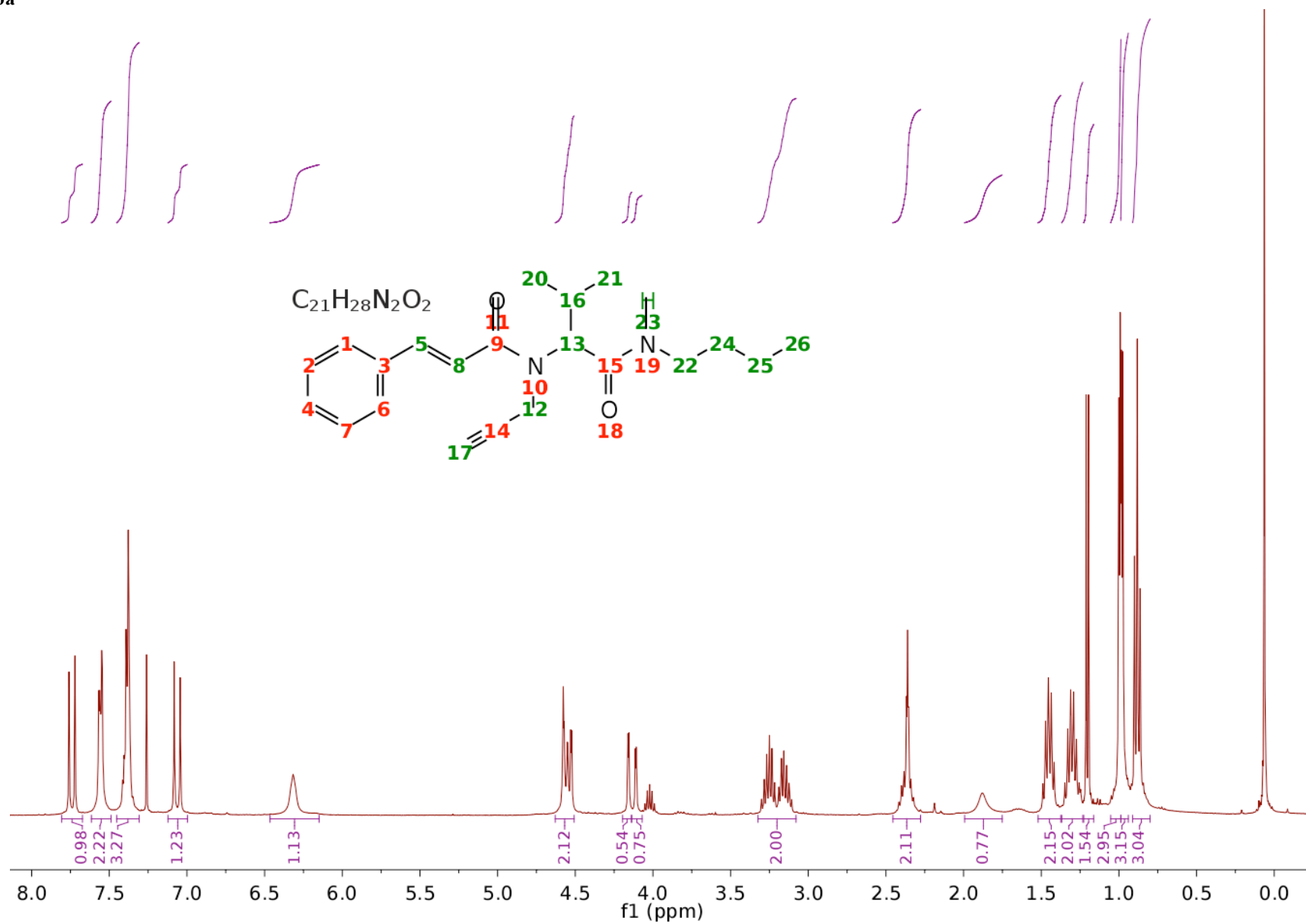


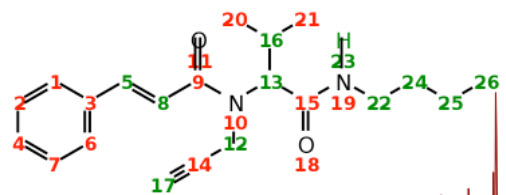
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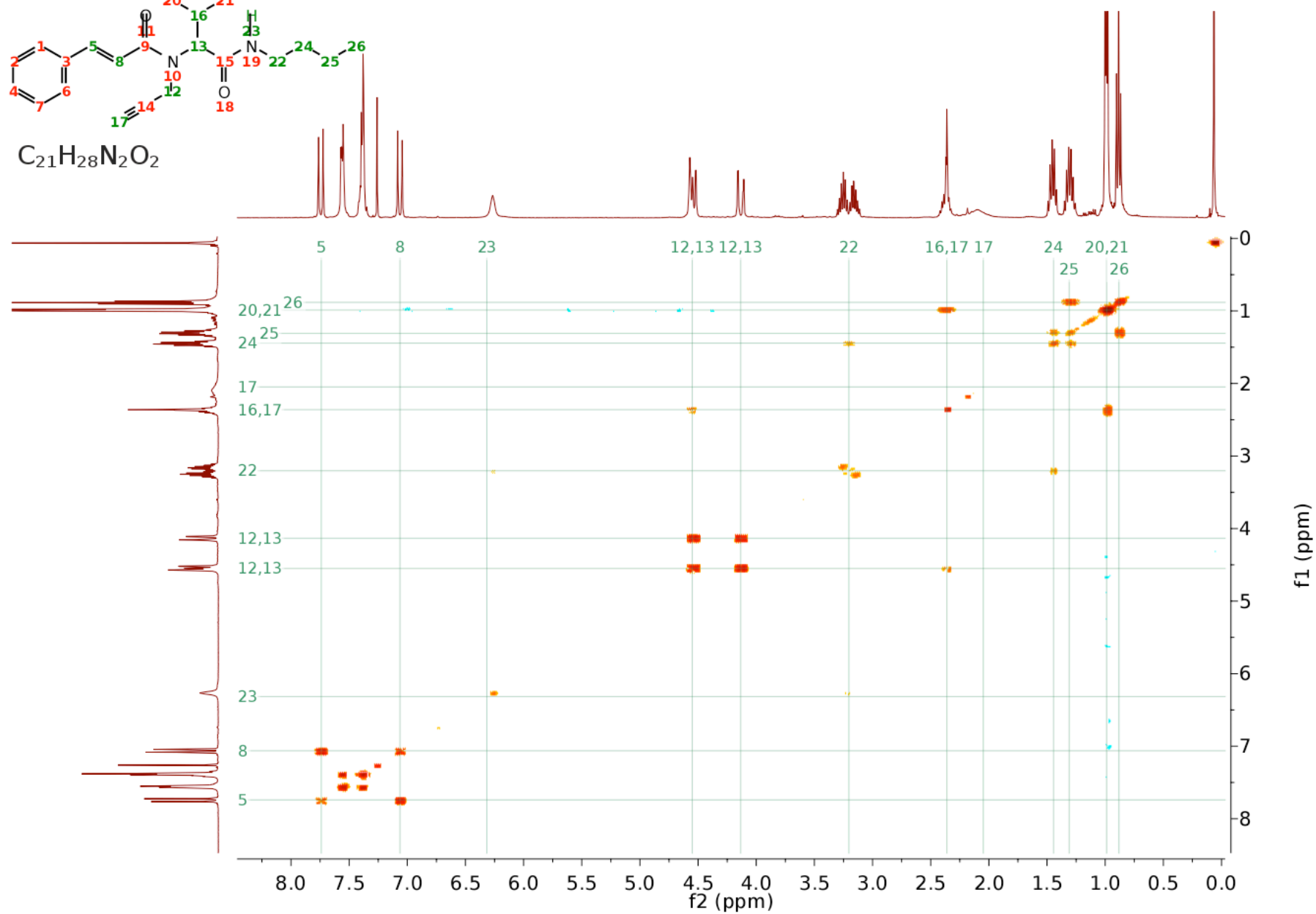


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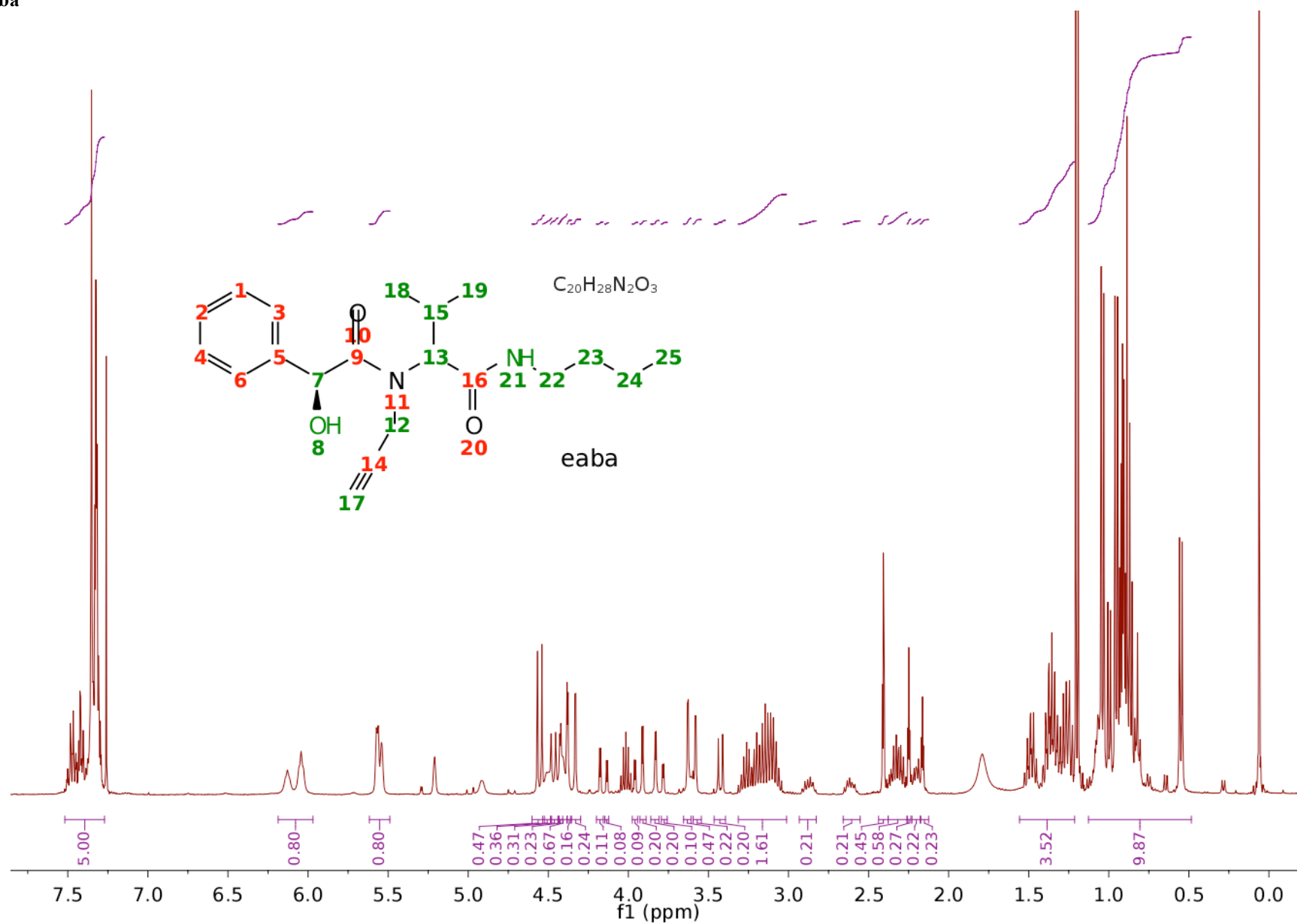


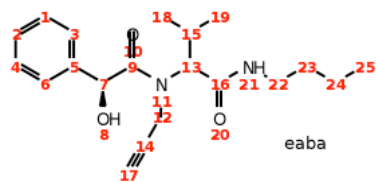


$C_{21}H_{28}N_2O_2$

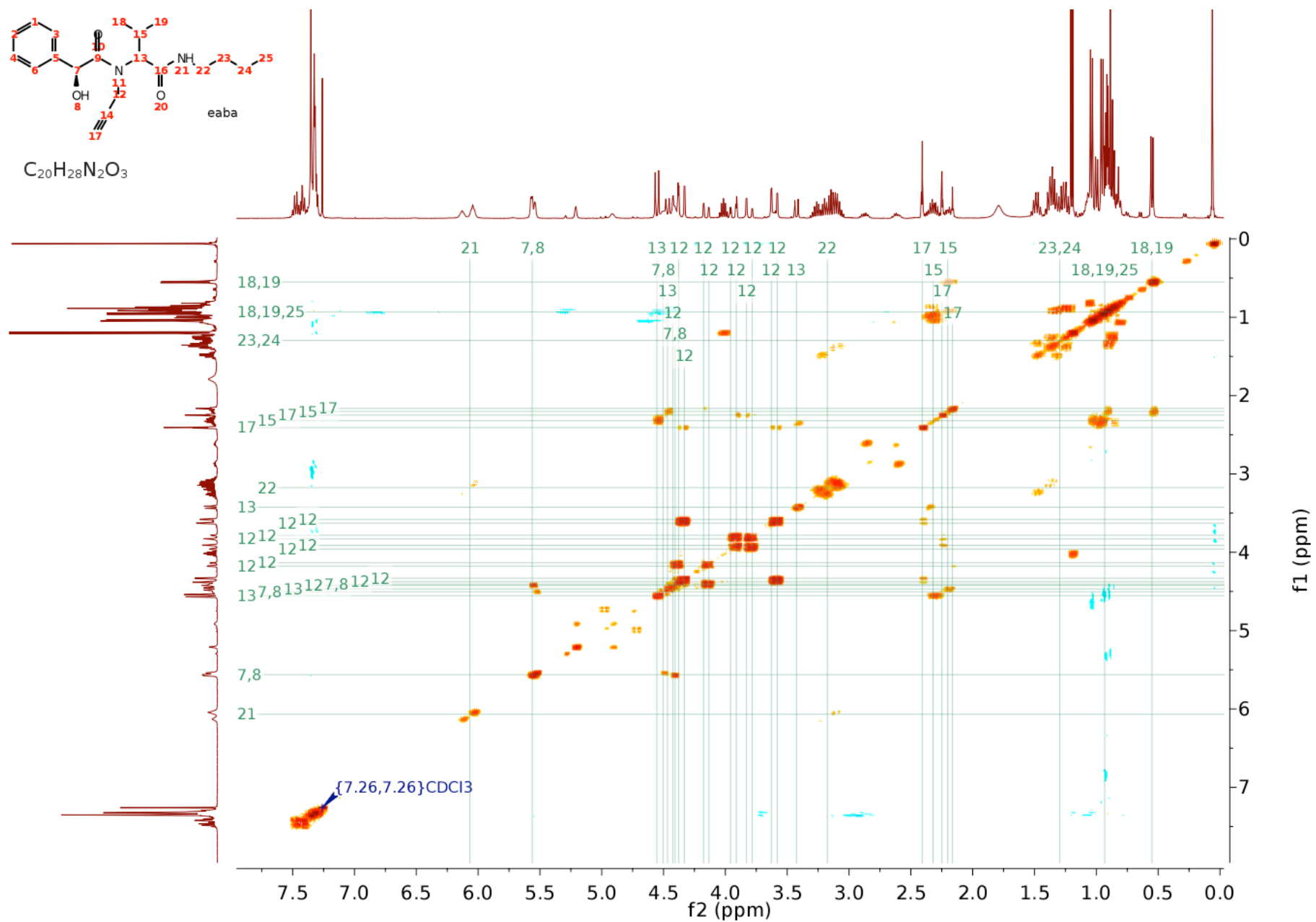


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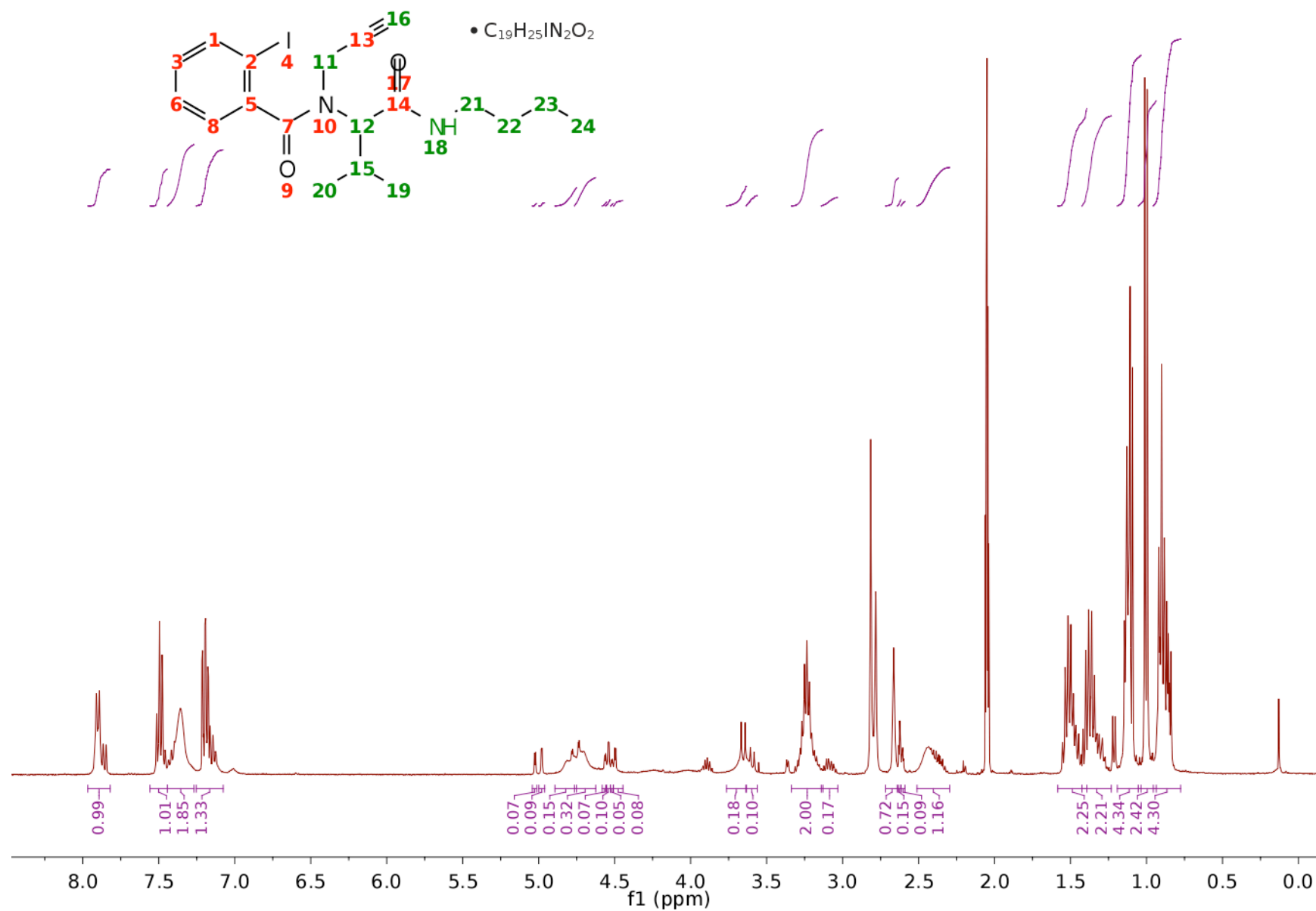


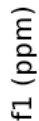
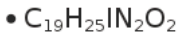


C<sub>20</sub>H<sub>28</sub>N<sub>2</sub>O<sub>3</sub>



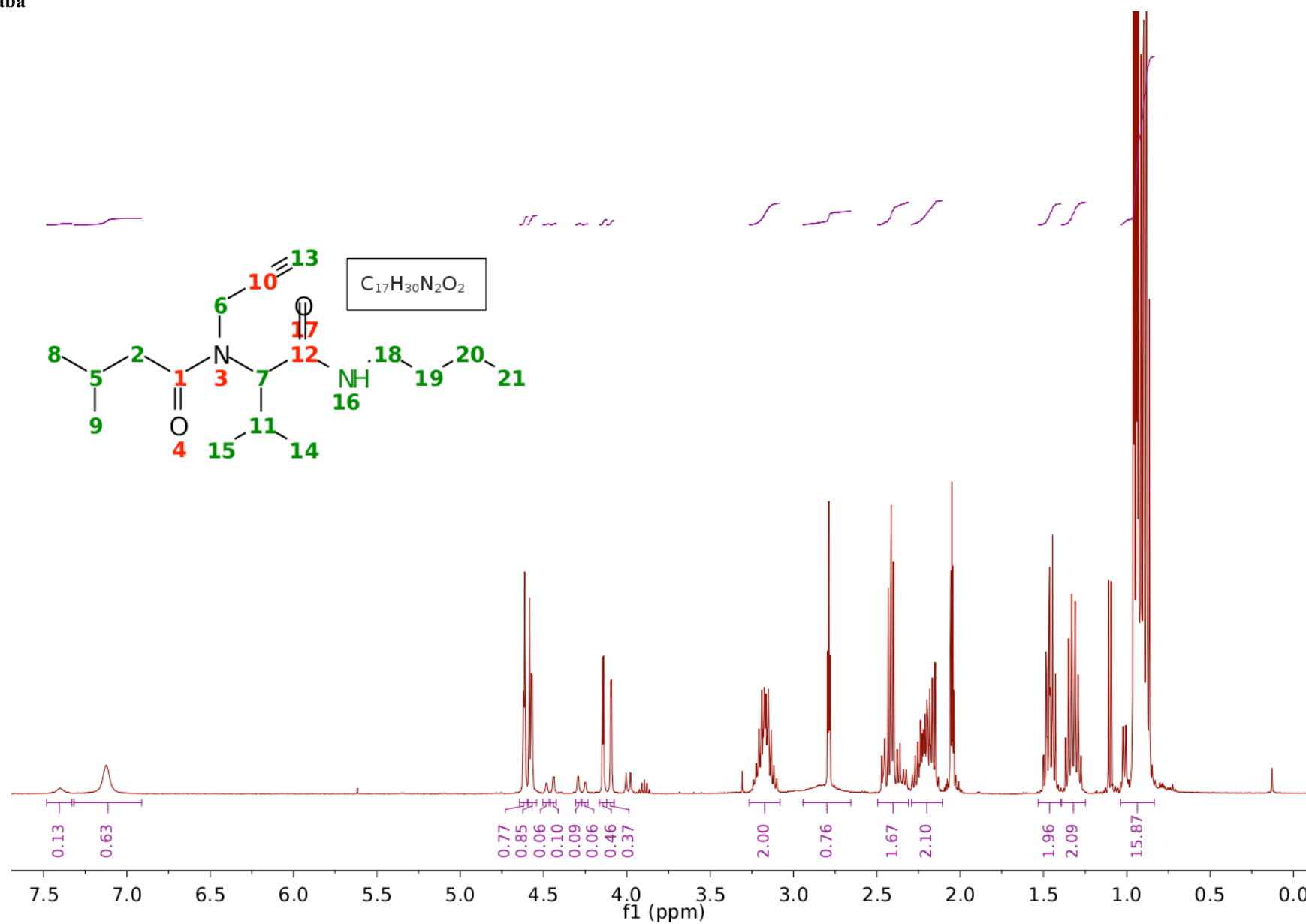
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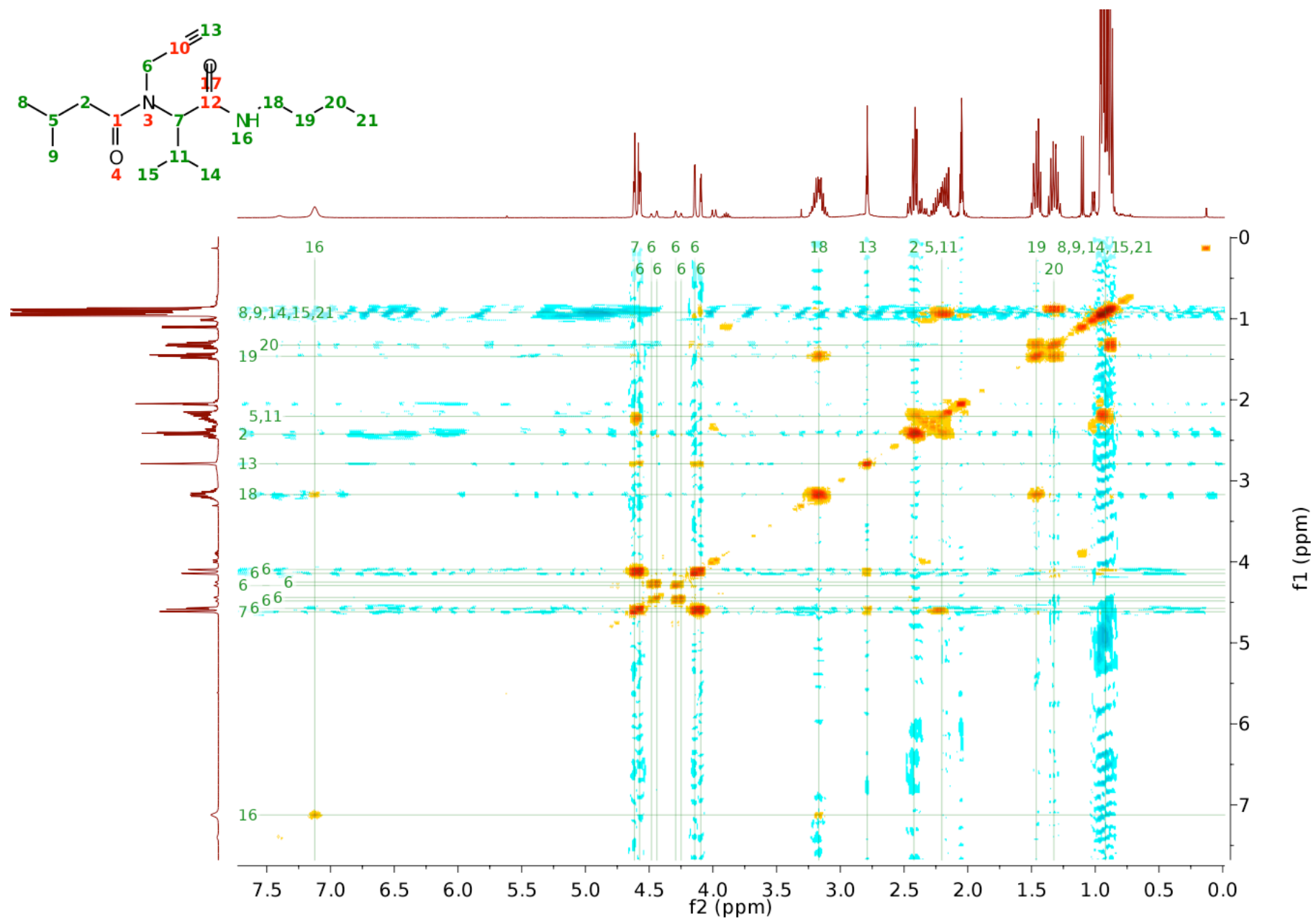
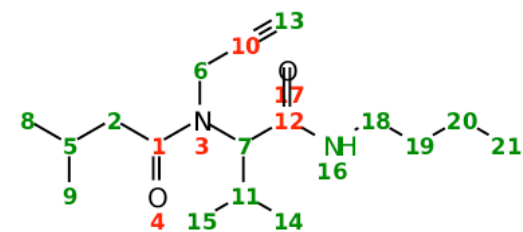






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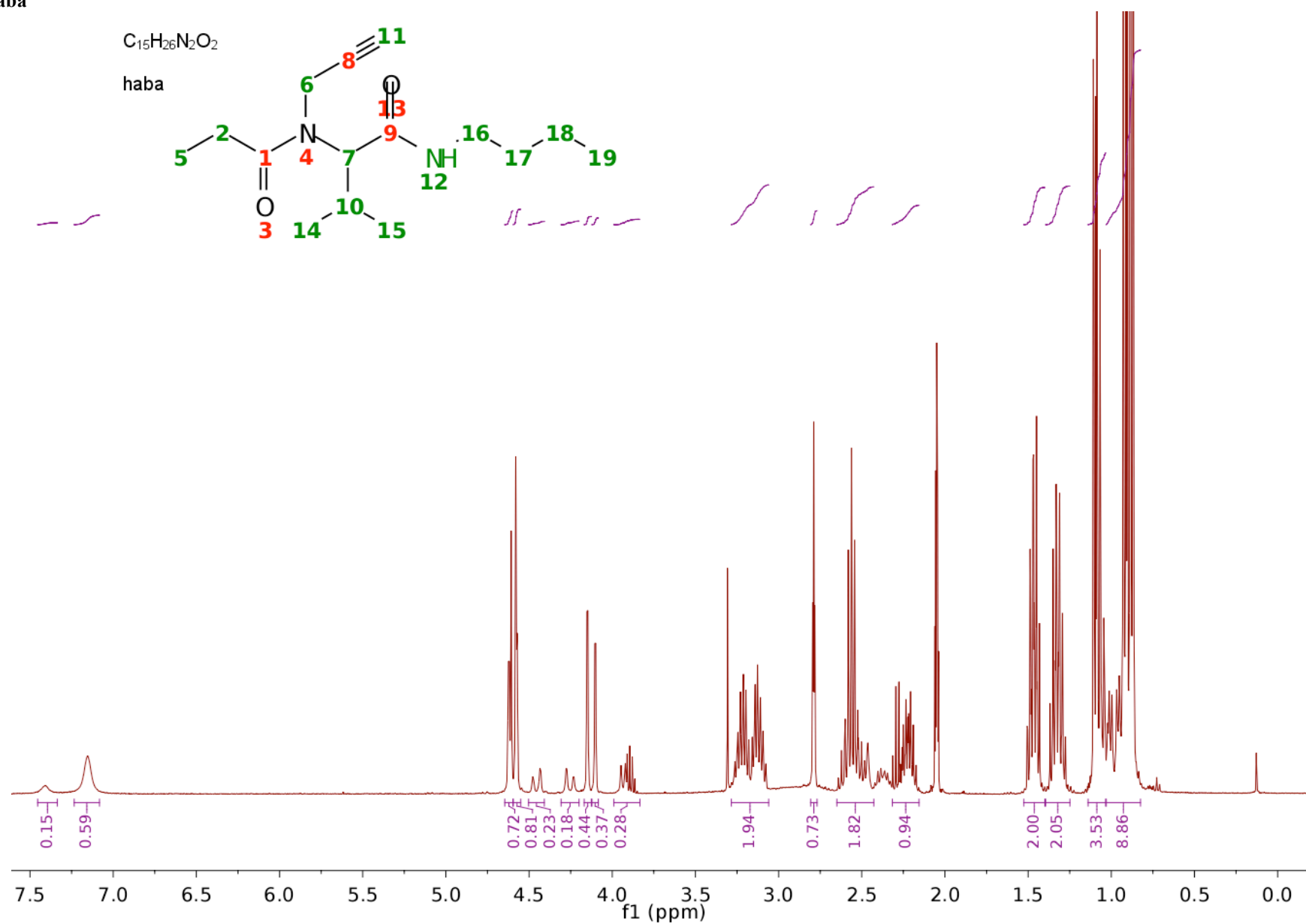


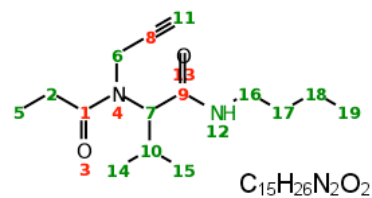


haba

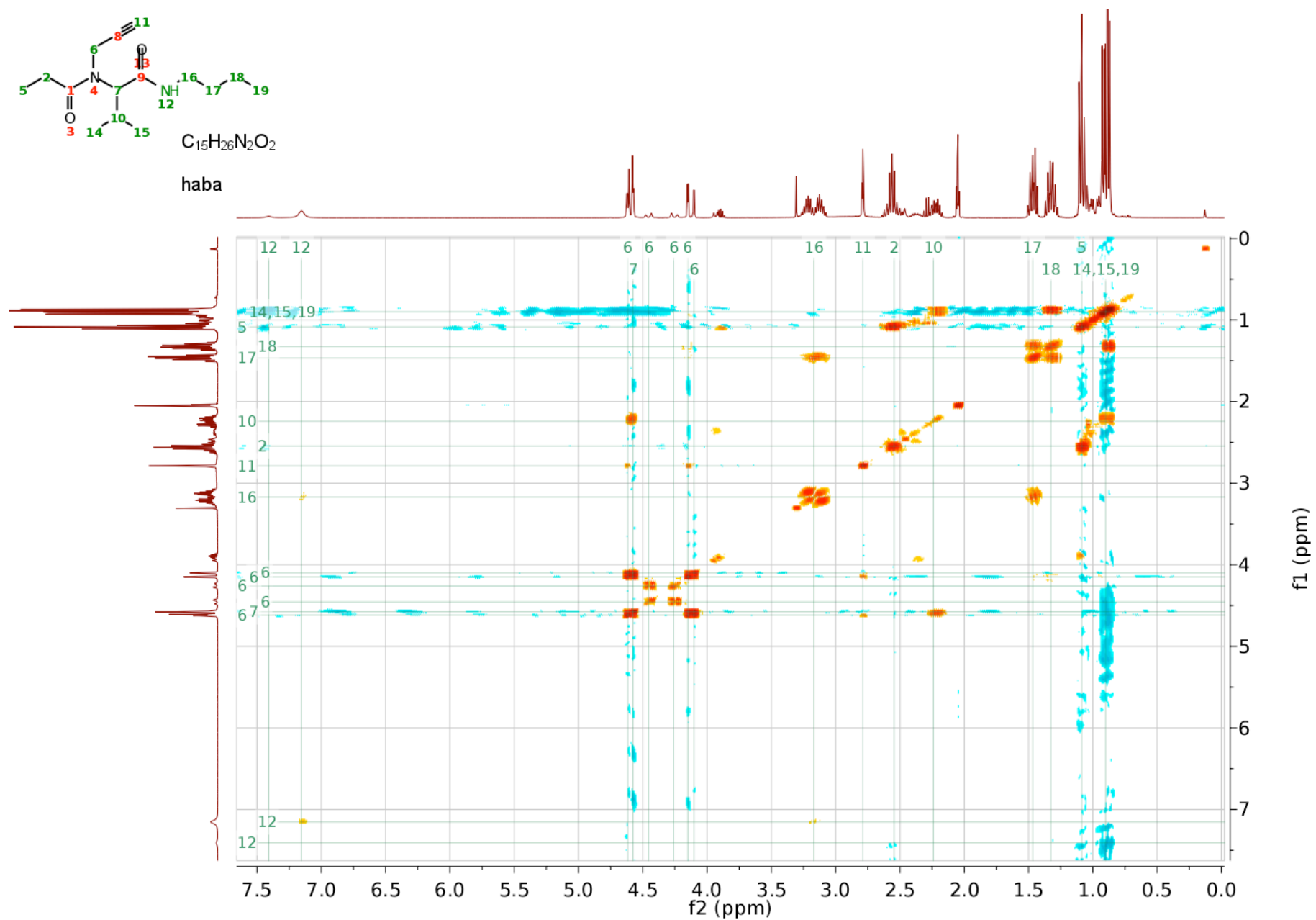
C<sub>15</sub>H<sub>26</sub>N<sub>2</sub>O<sub>2</sub>

haba

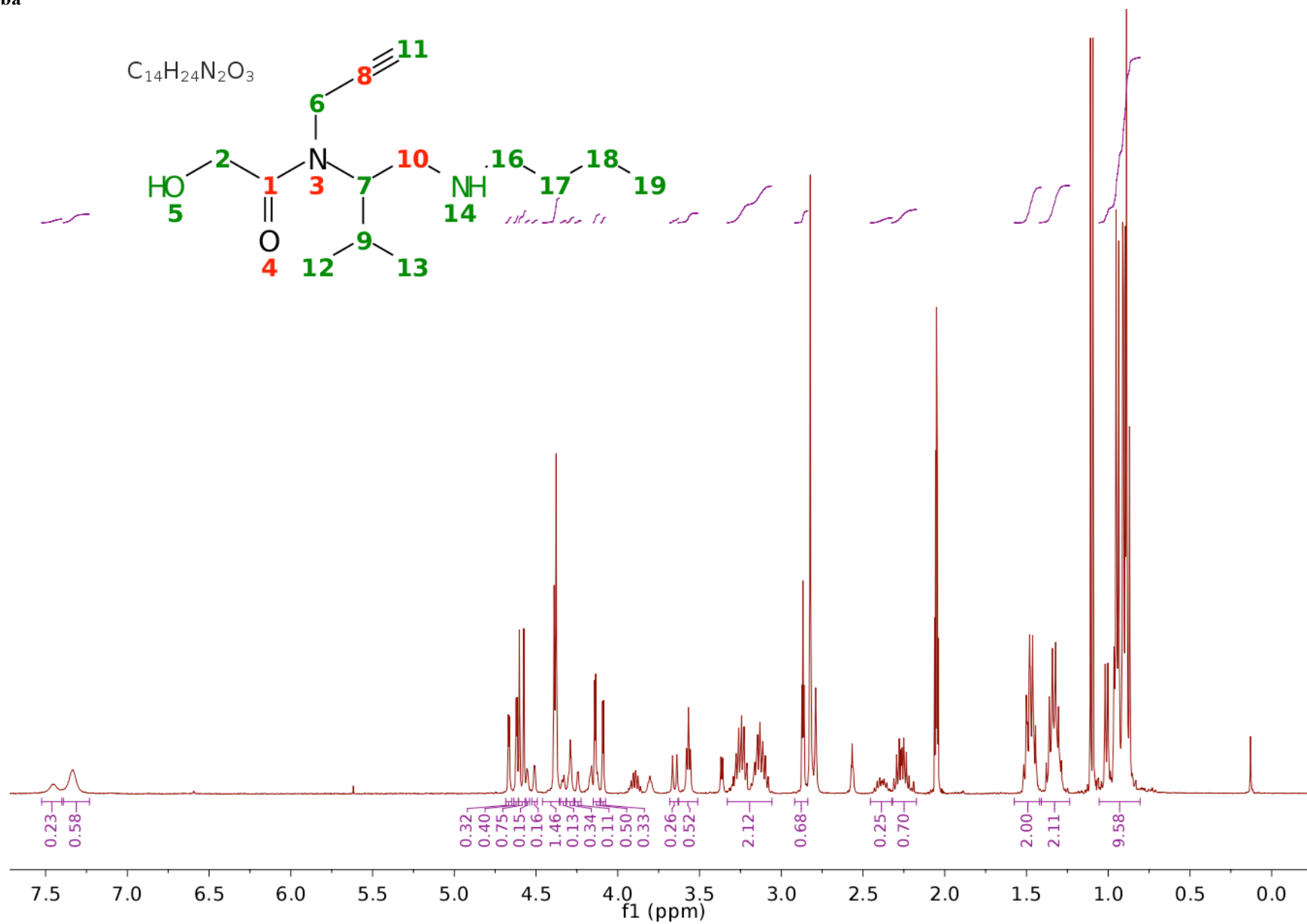


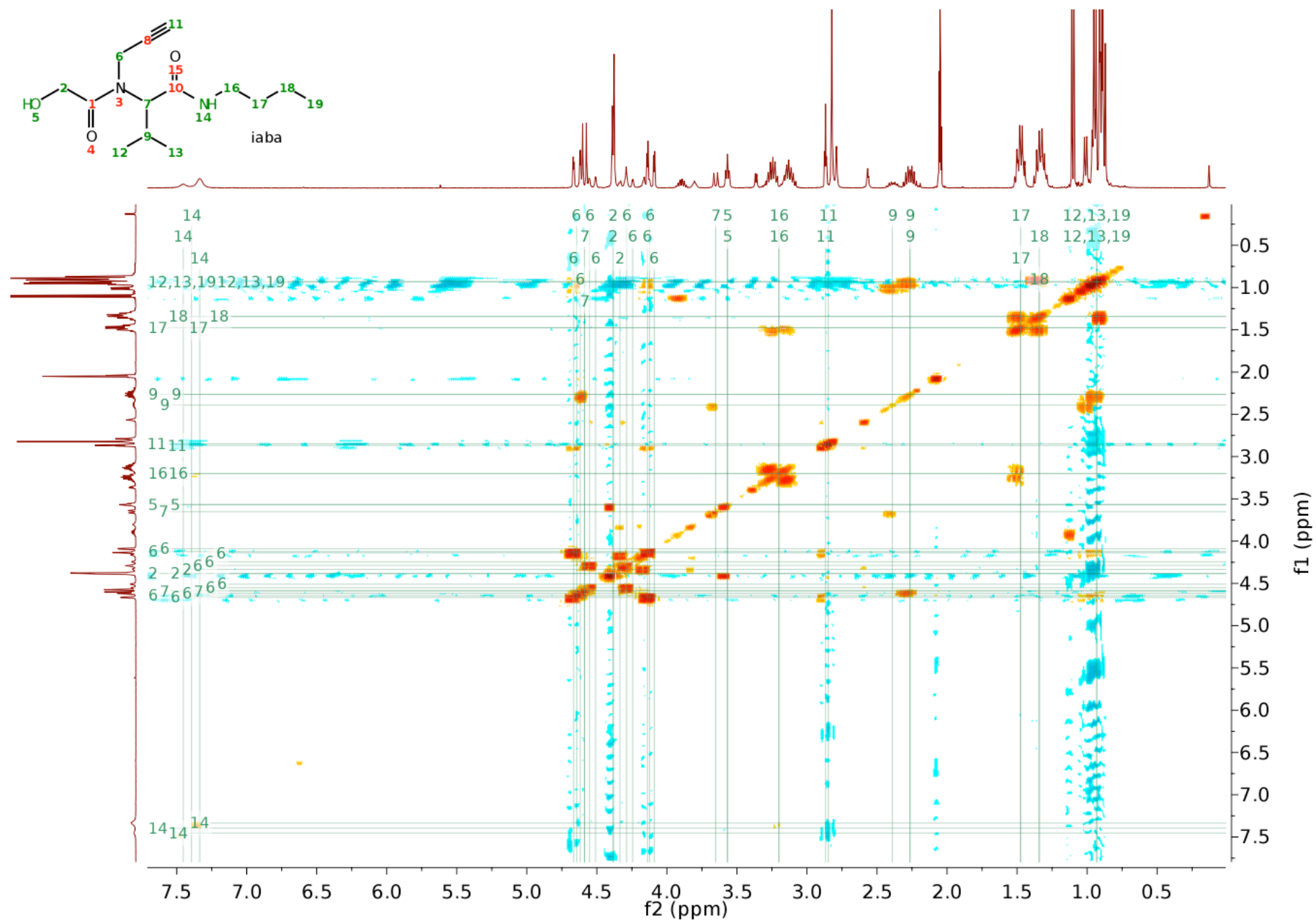
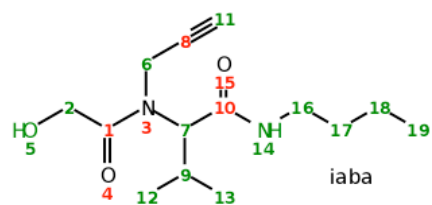


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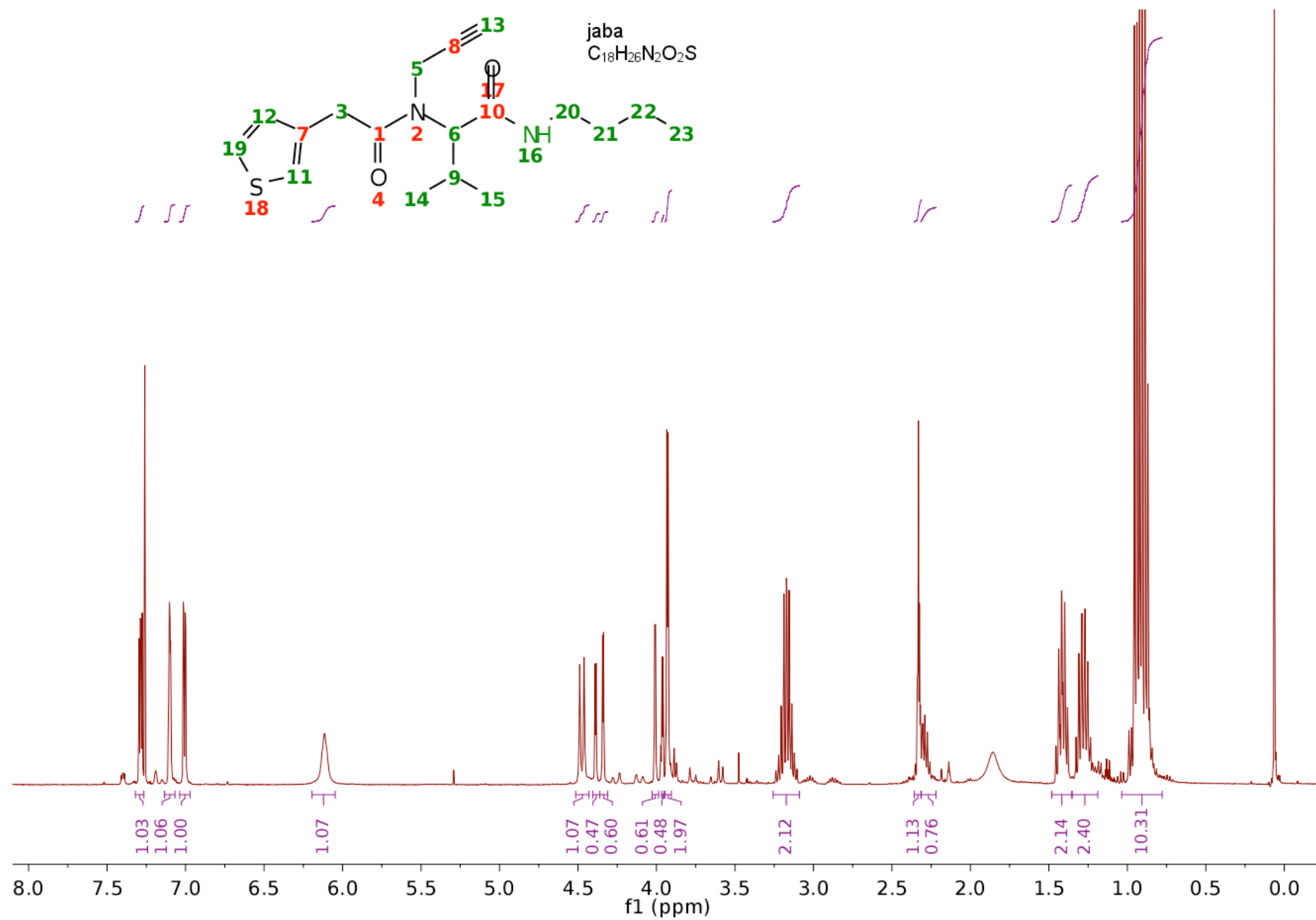


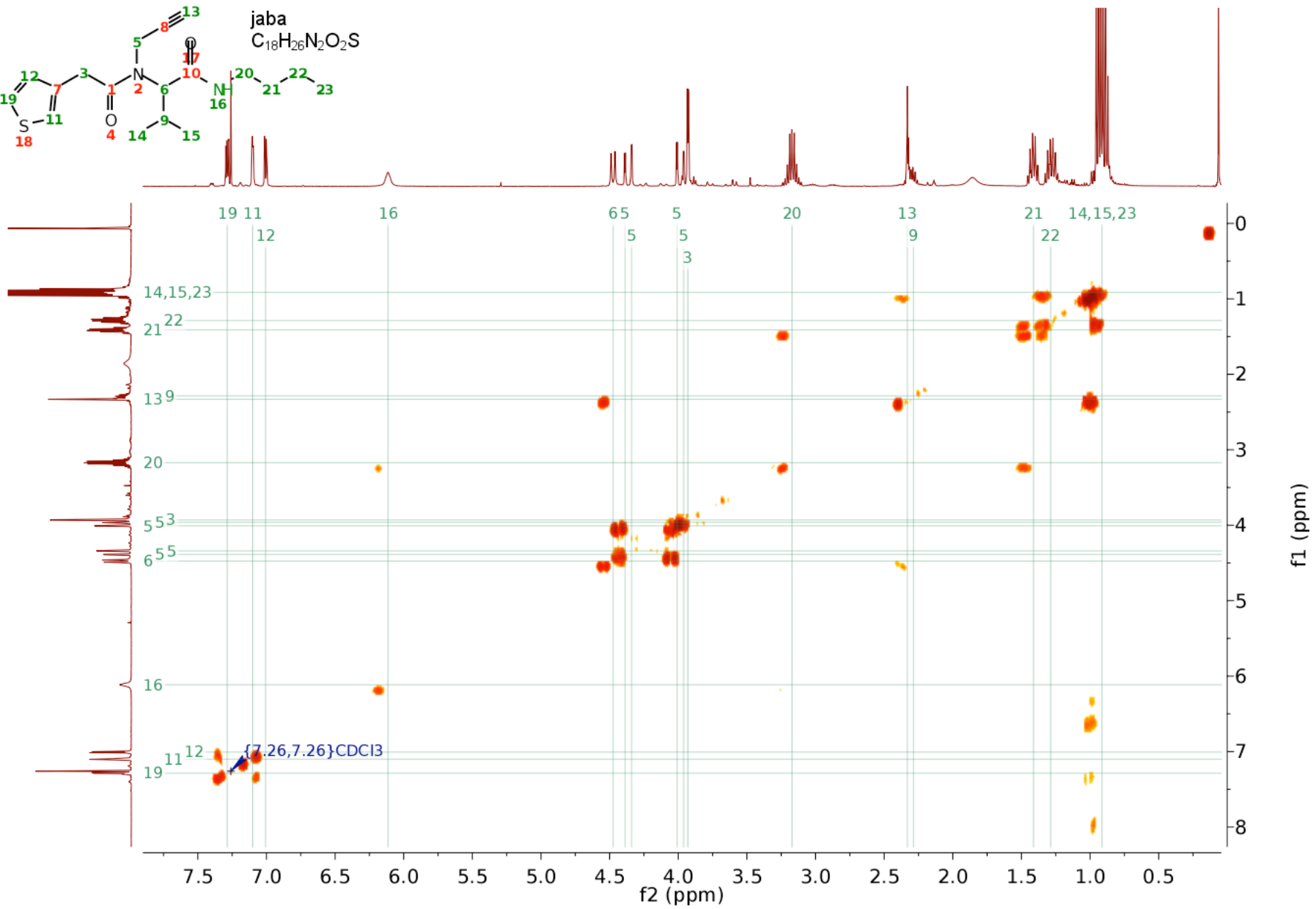
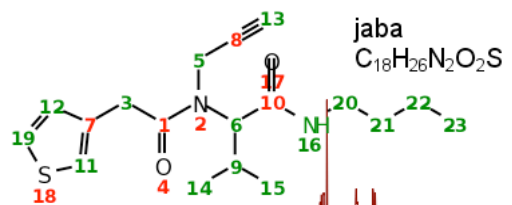
iaba





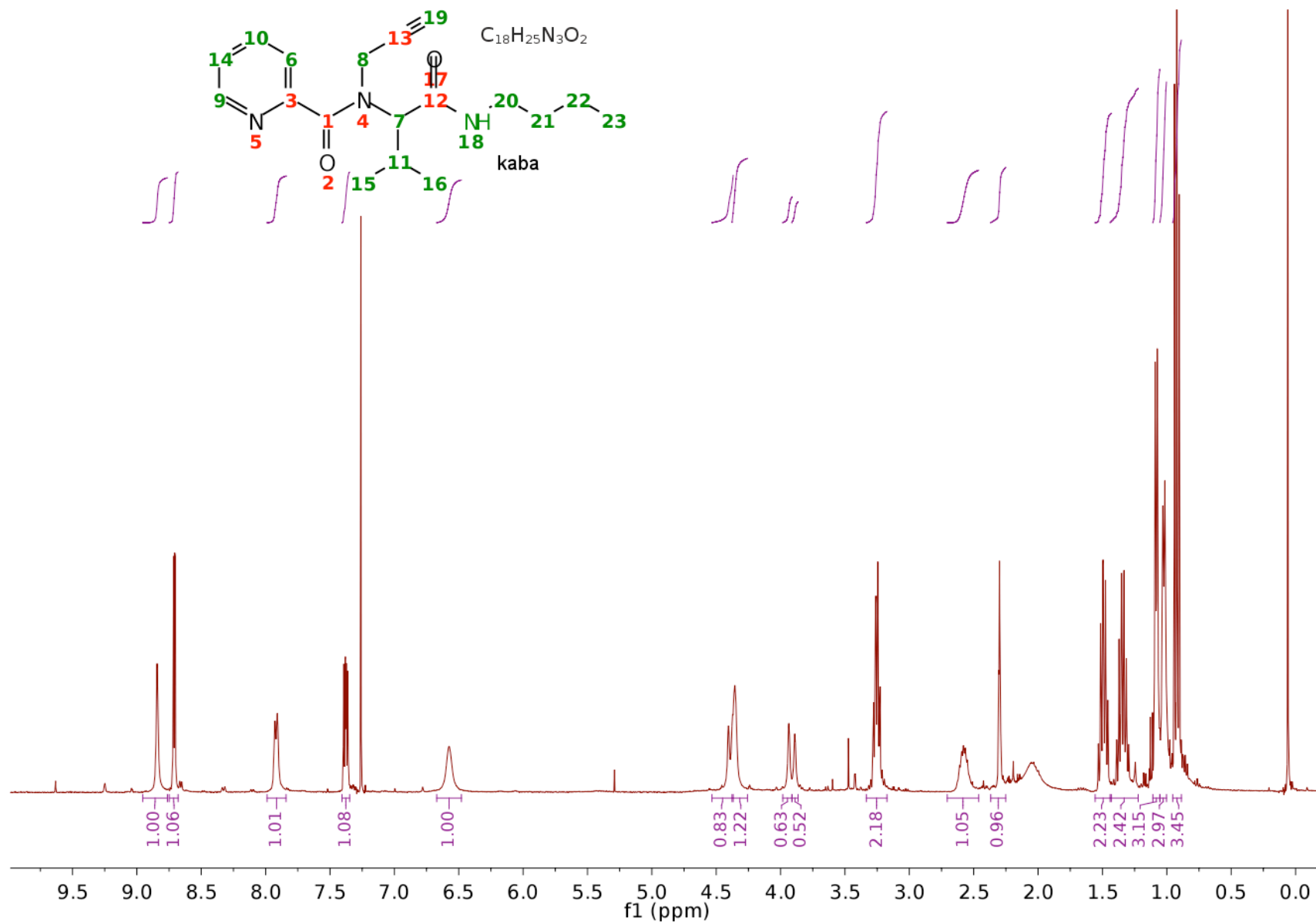
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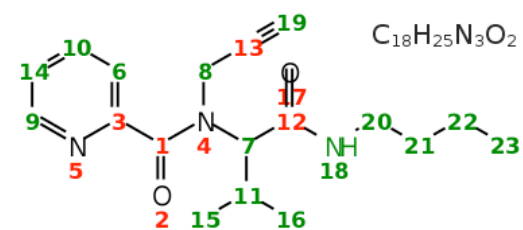




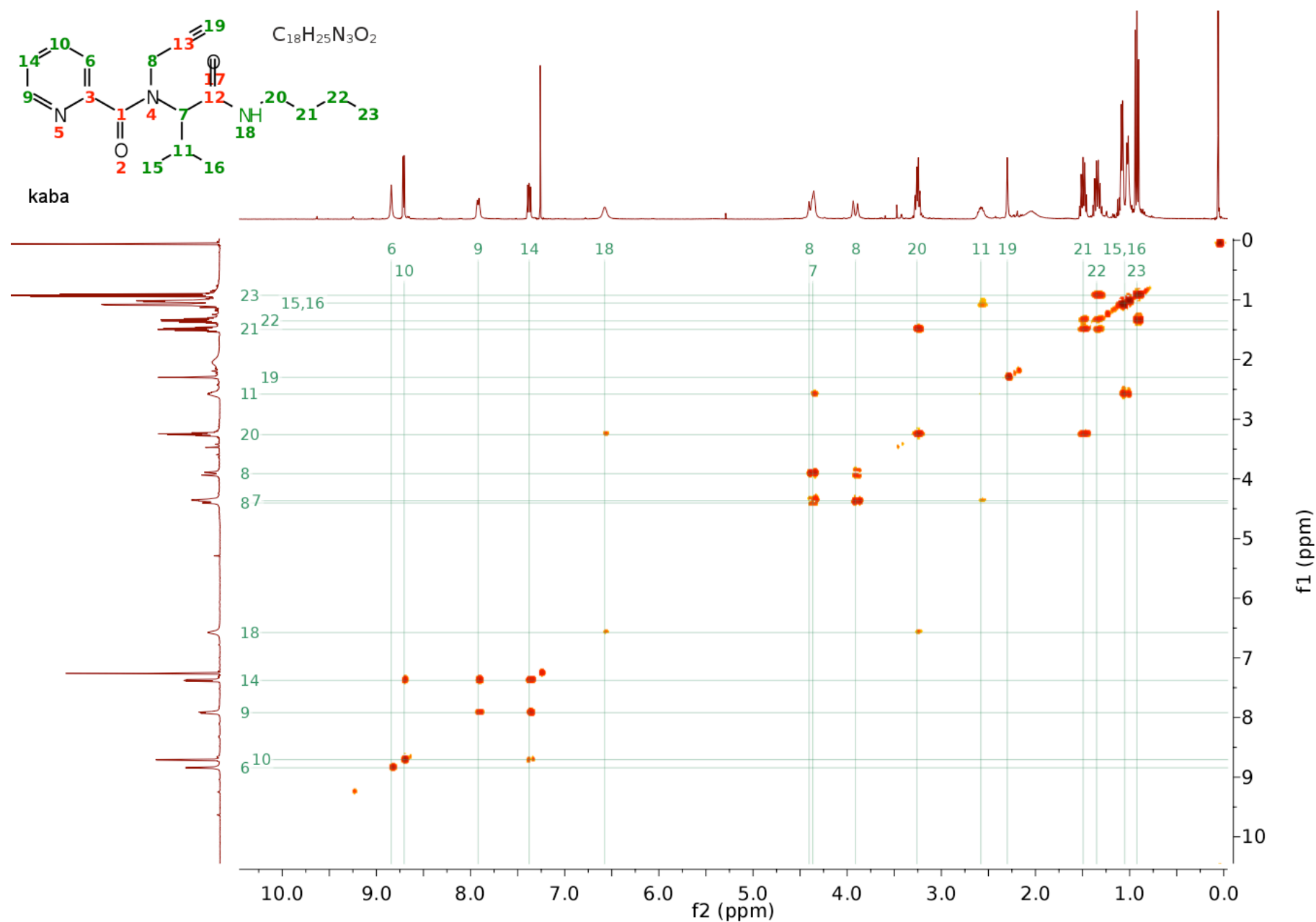


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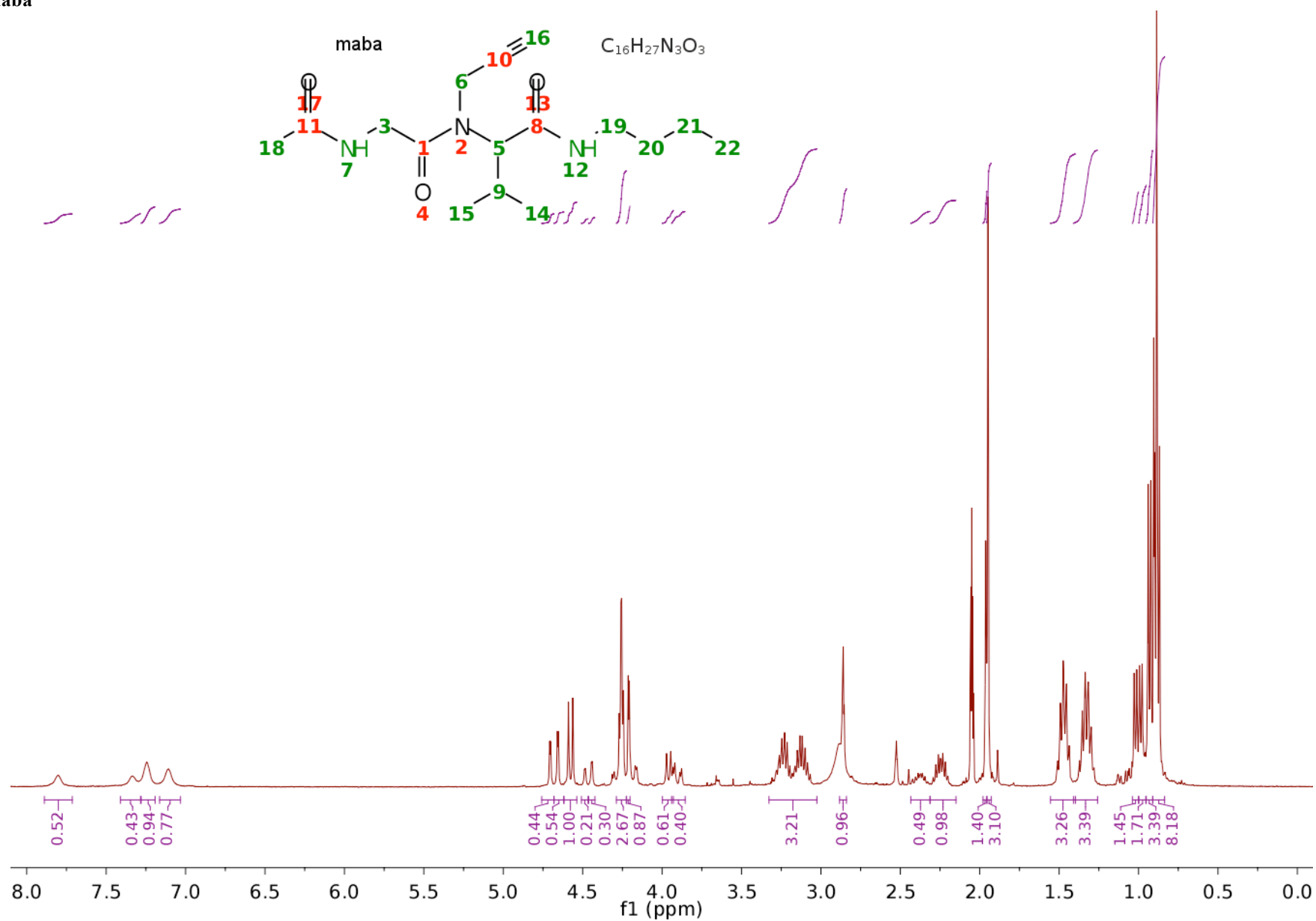




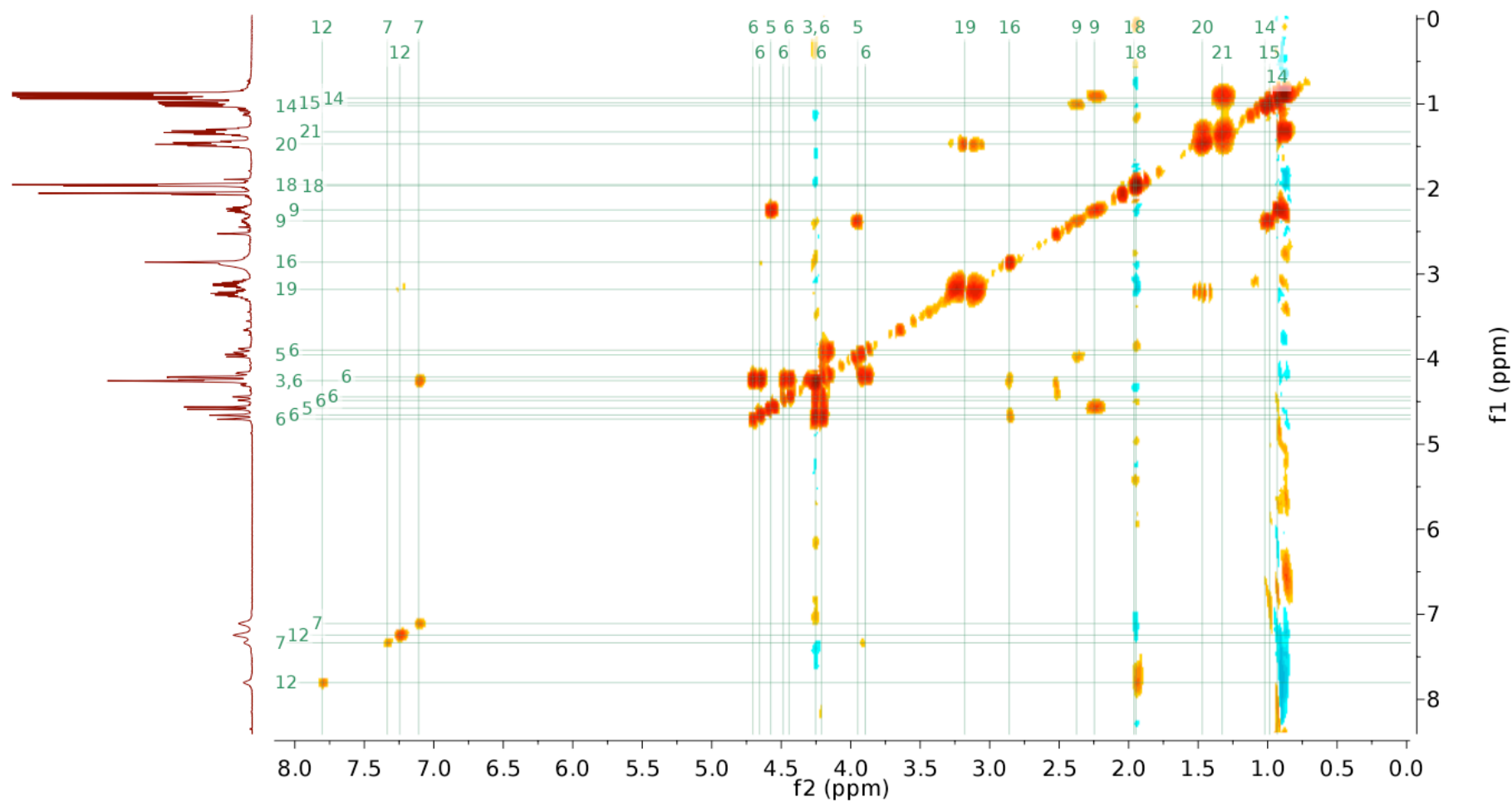
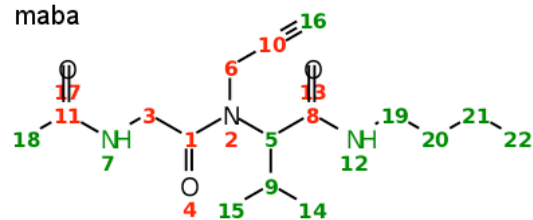
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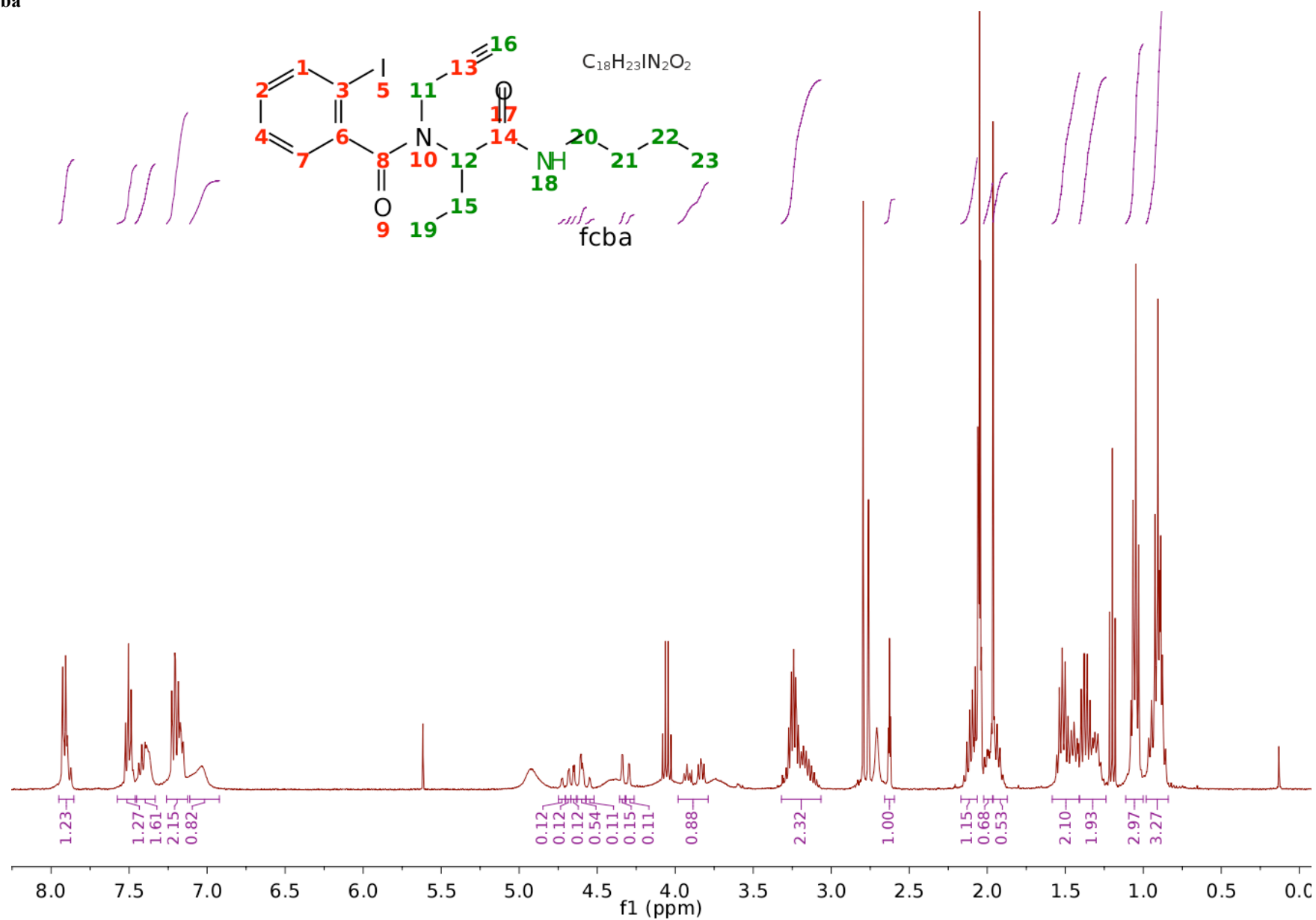
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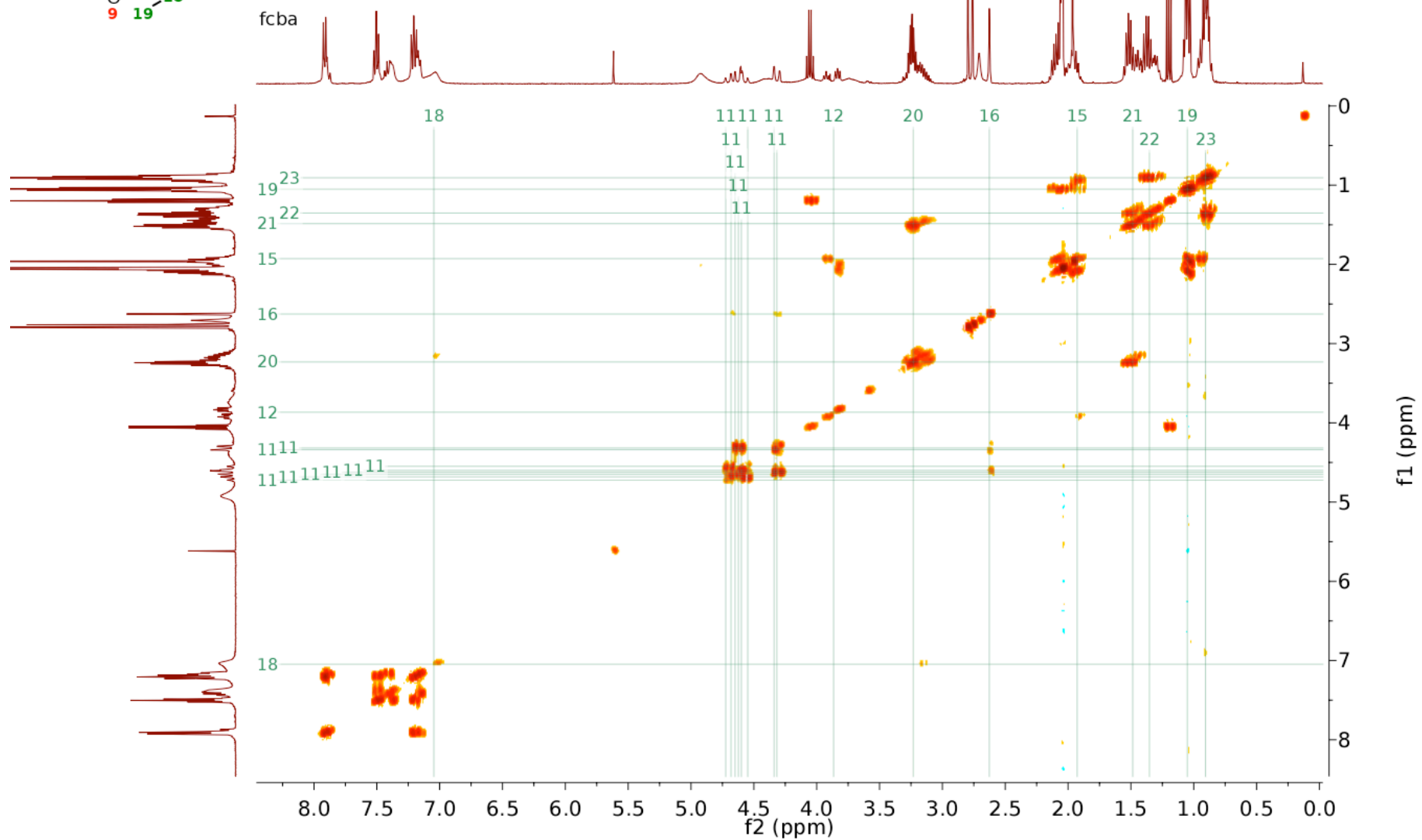
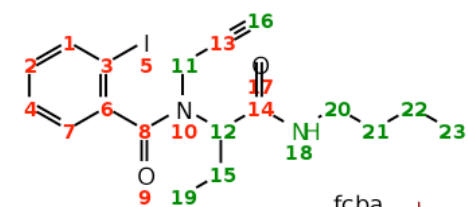


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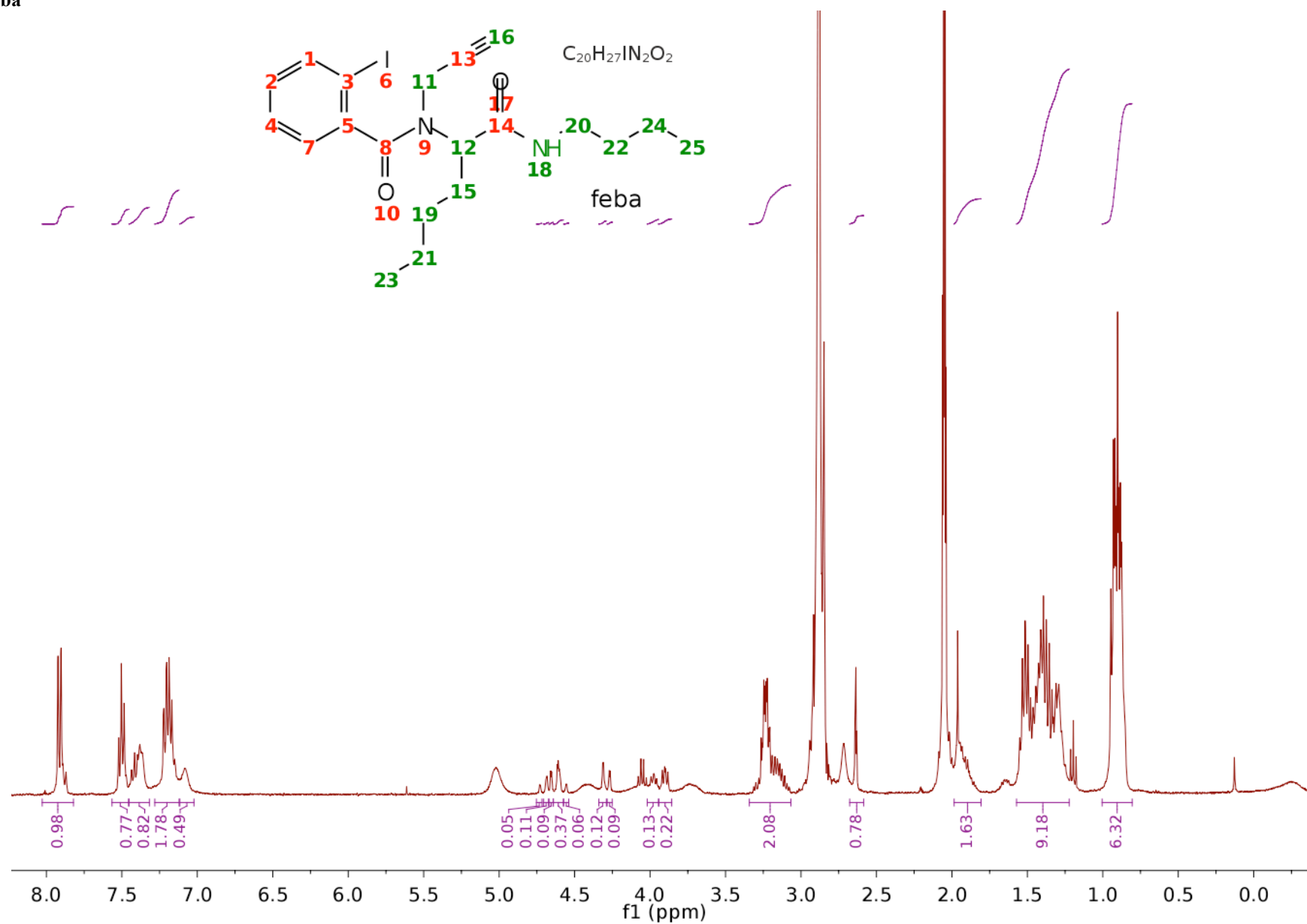


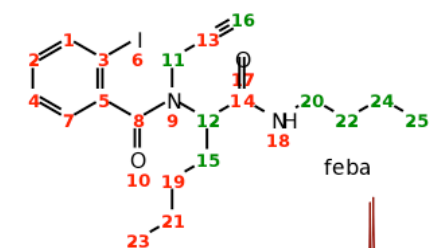
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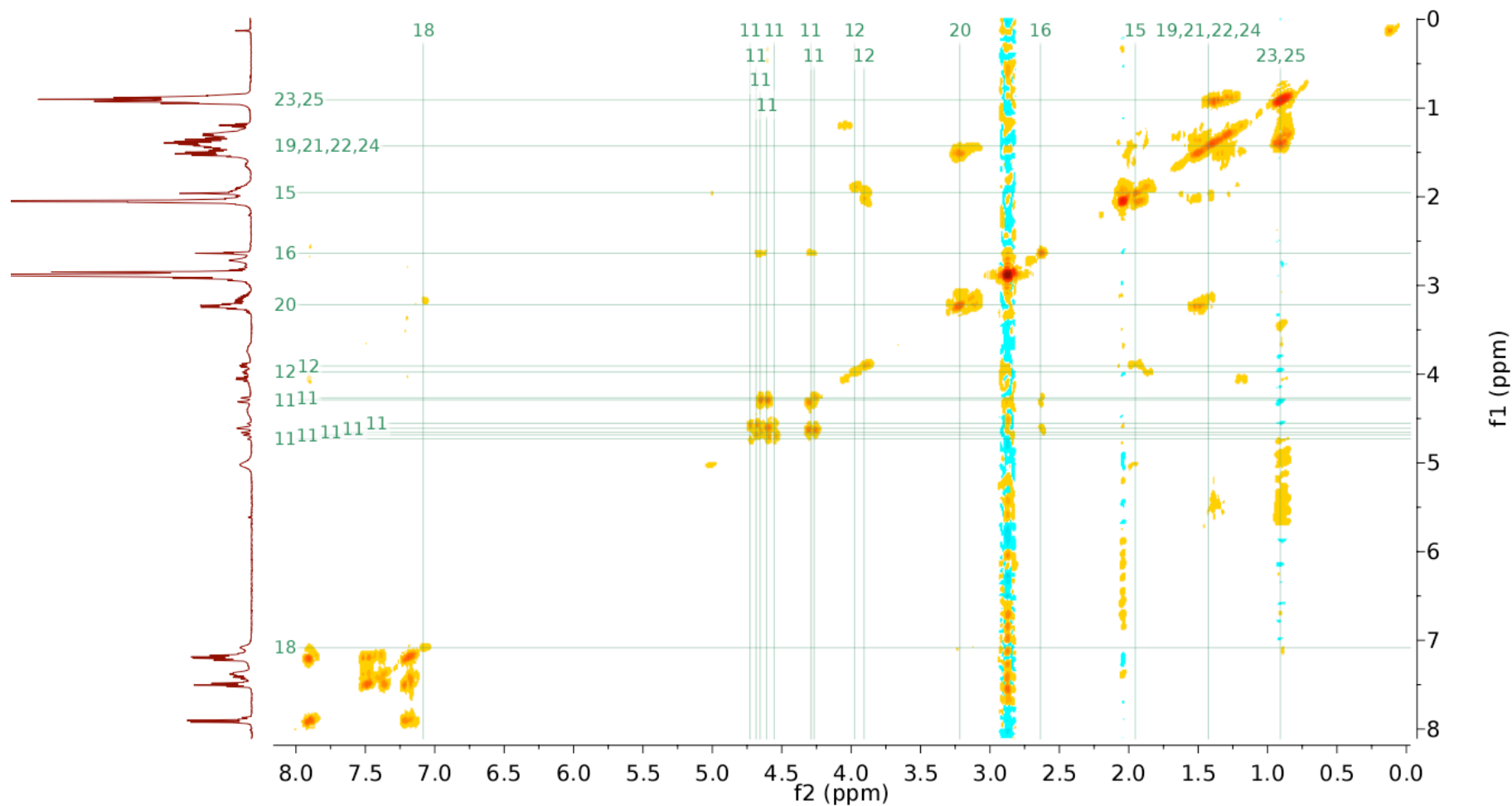


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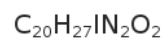


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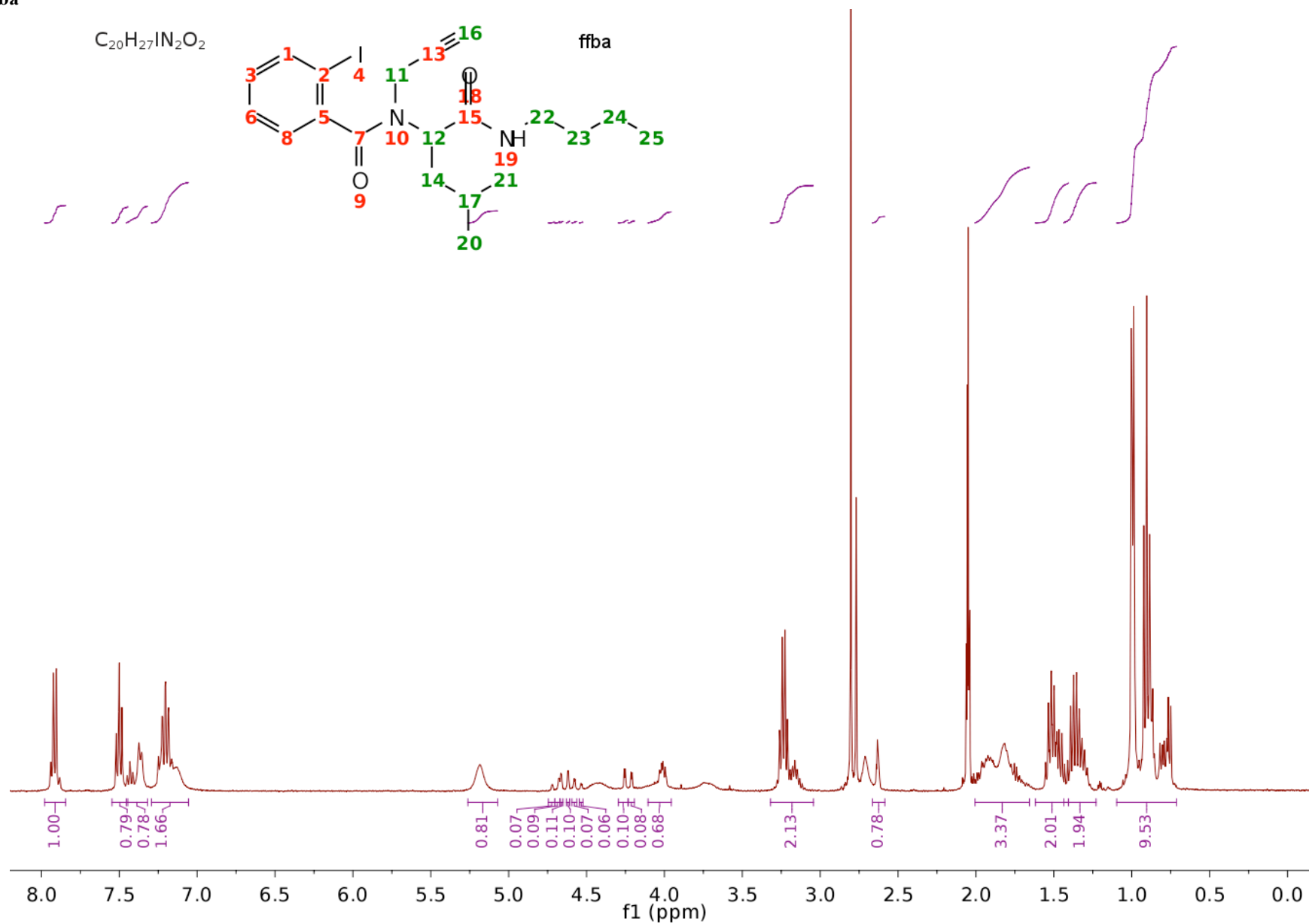
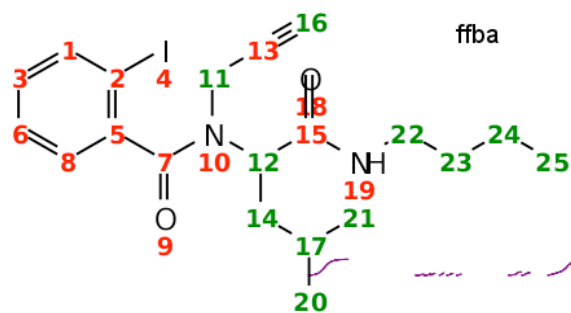


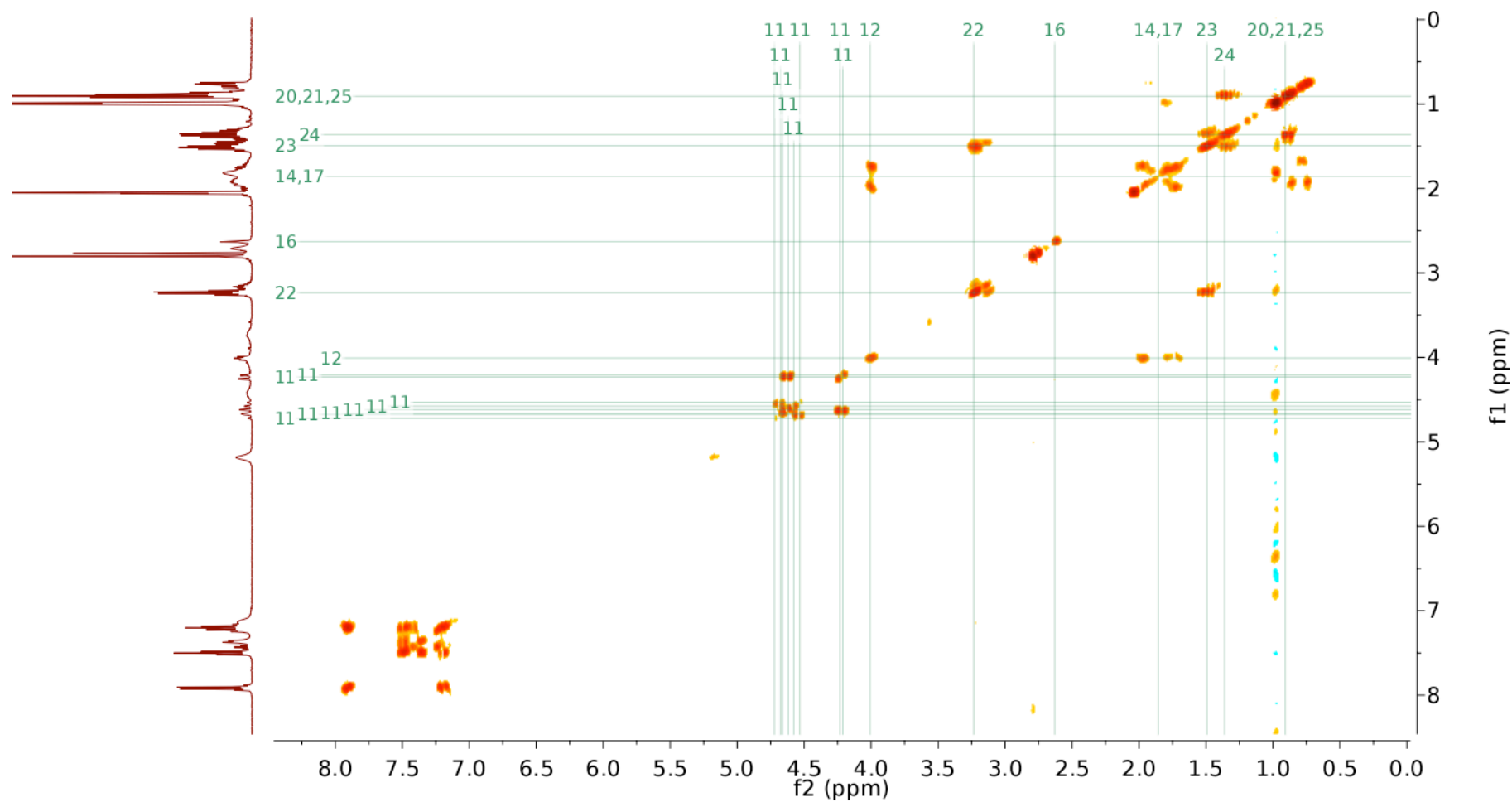
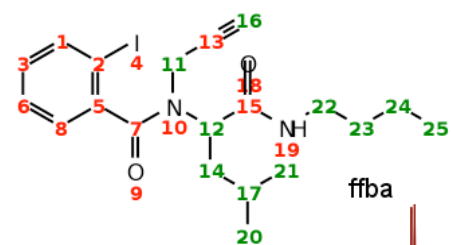


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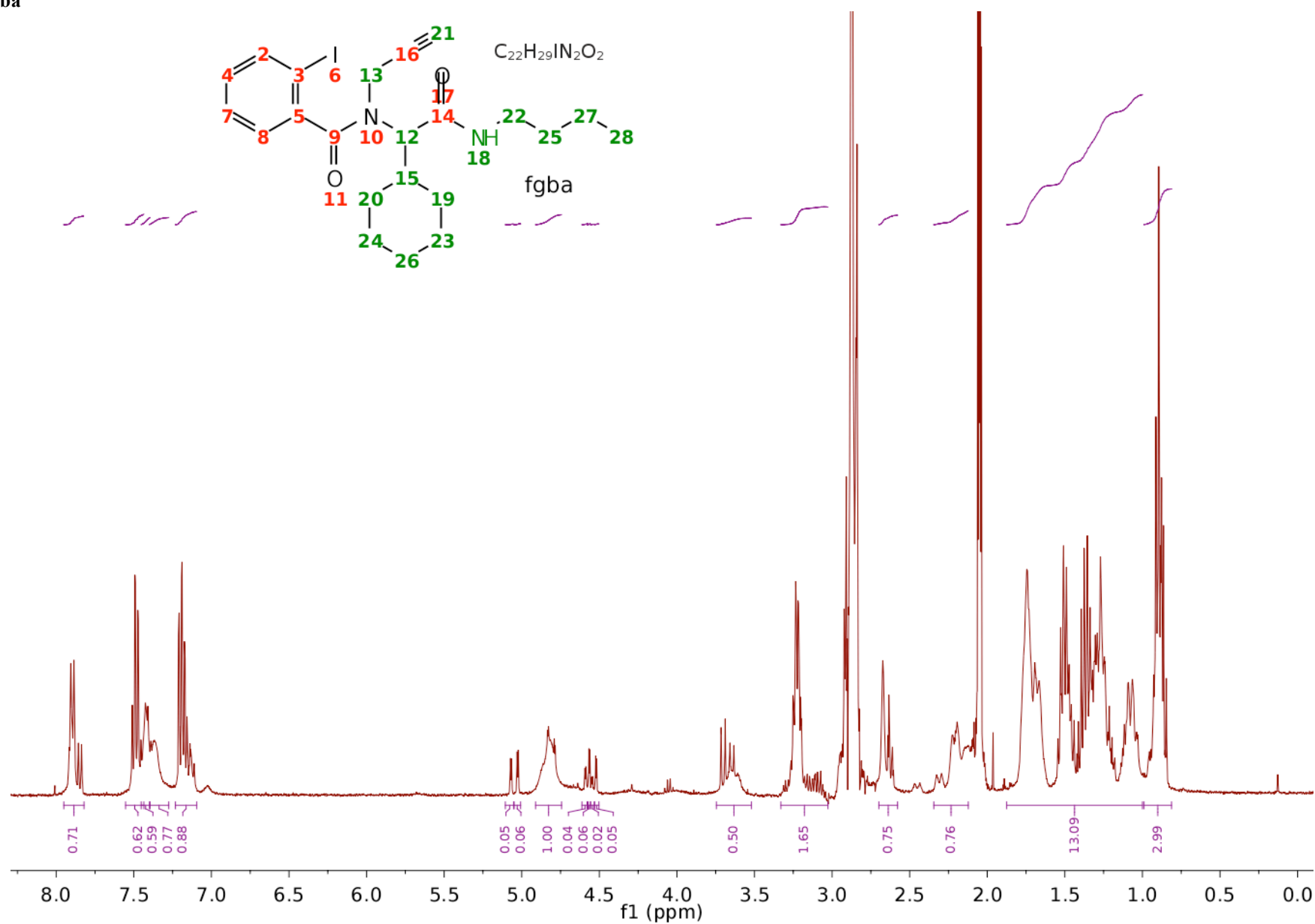


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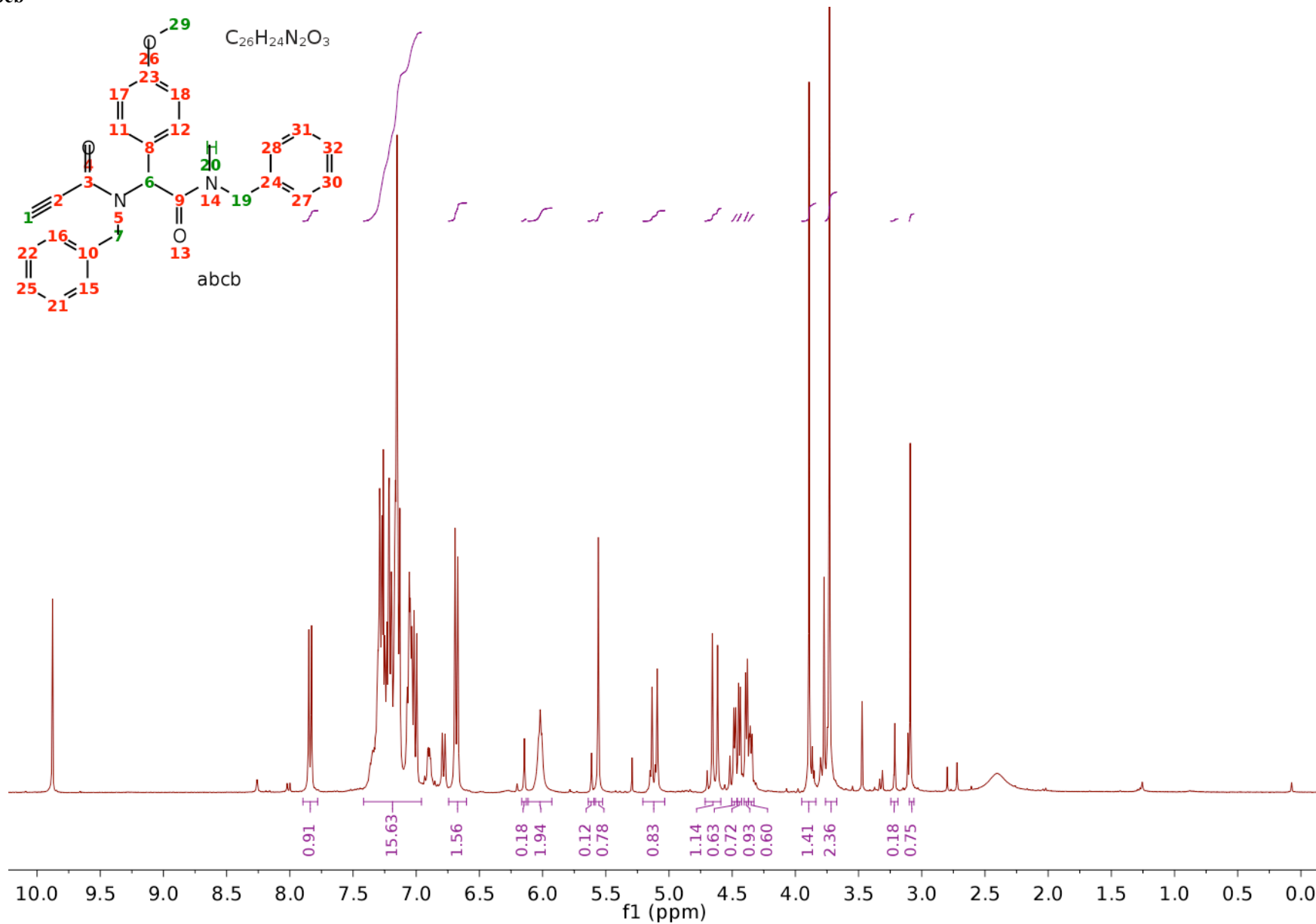


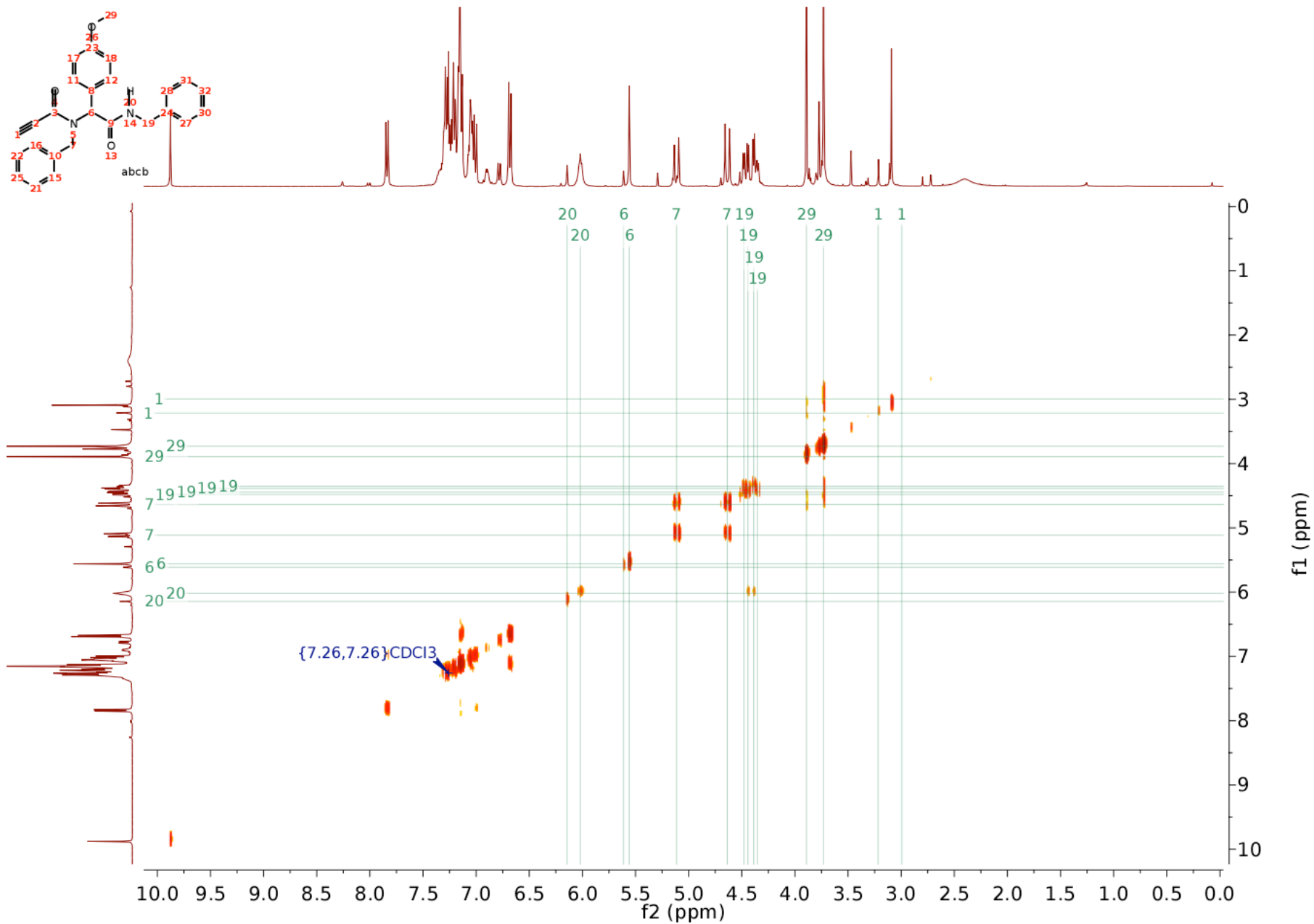
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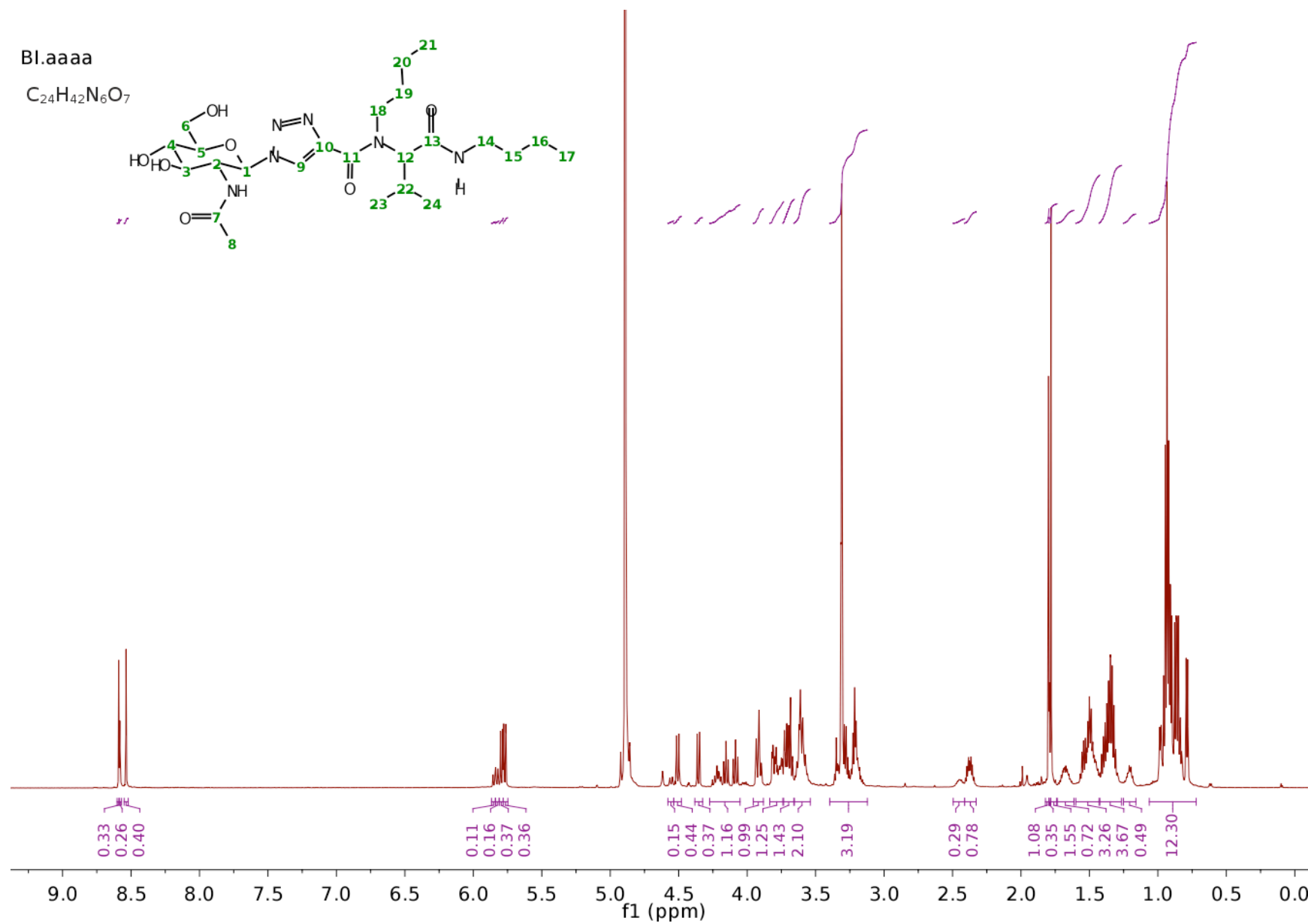
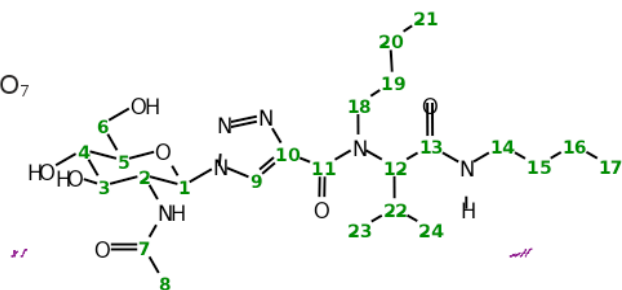


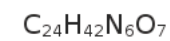


Bl.aaaa

Bl.aaaa

C<sub>24</sub>H<sub>42</sub>N<sub>6</sub>O<sub>7</sub>





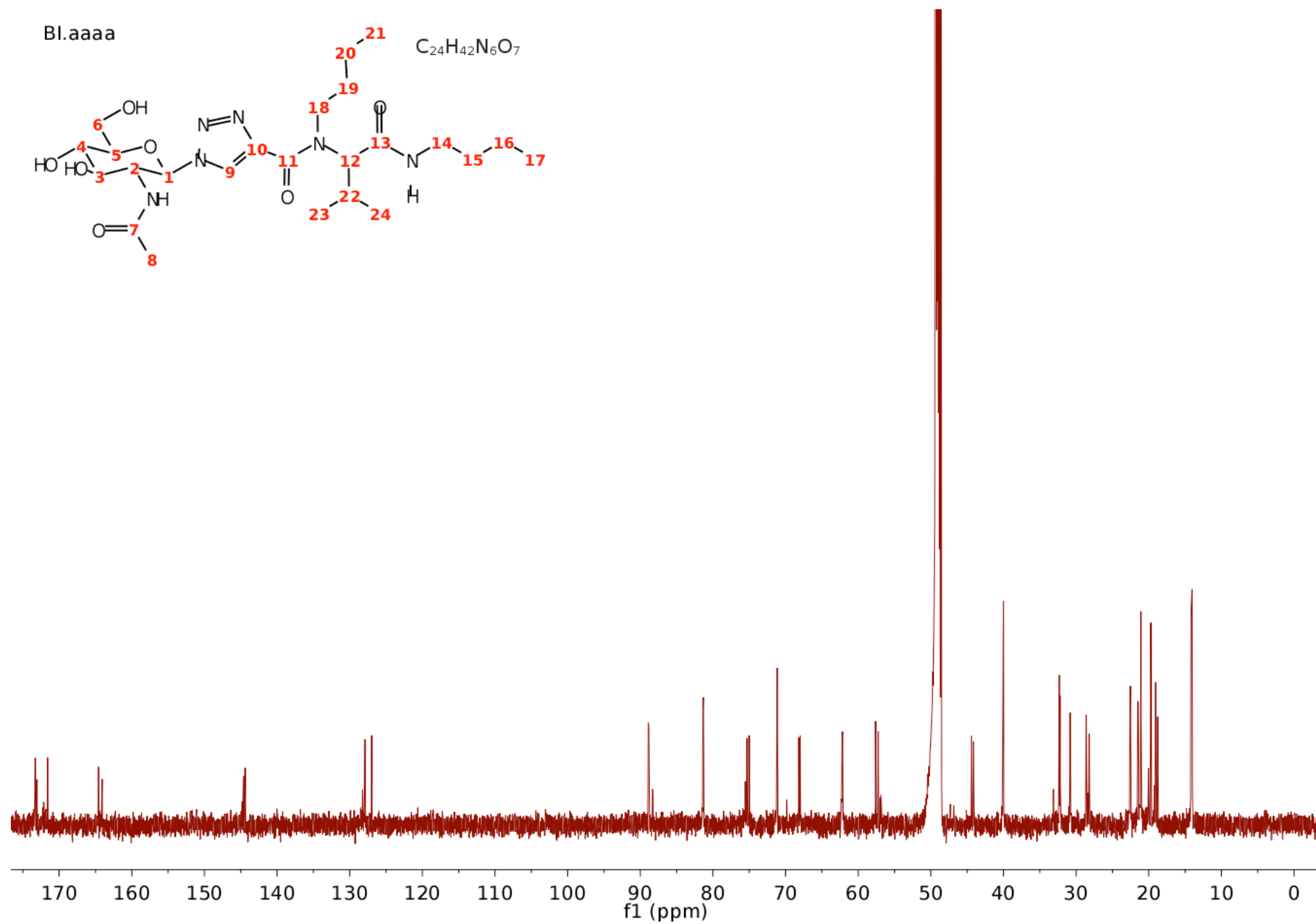
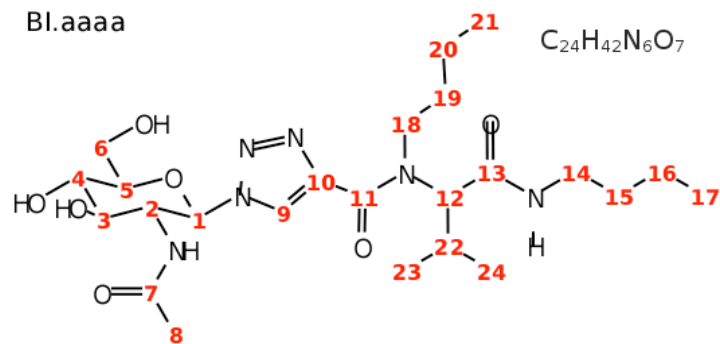
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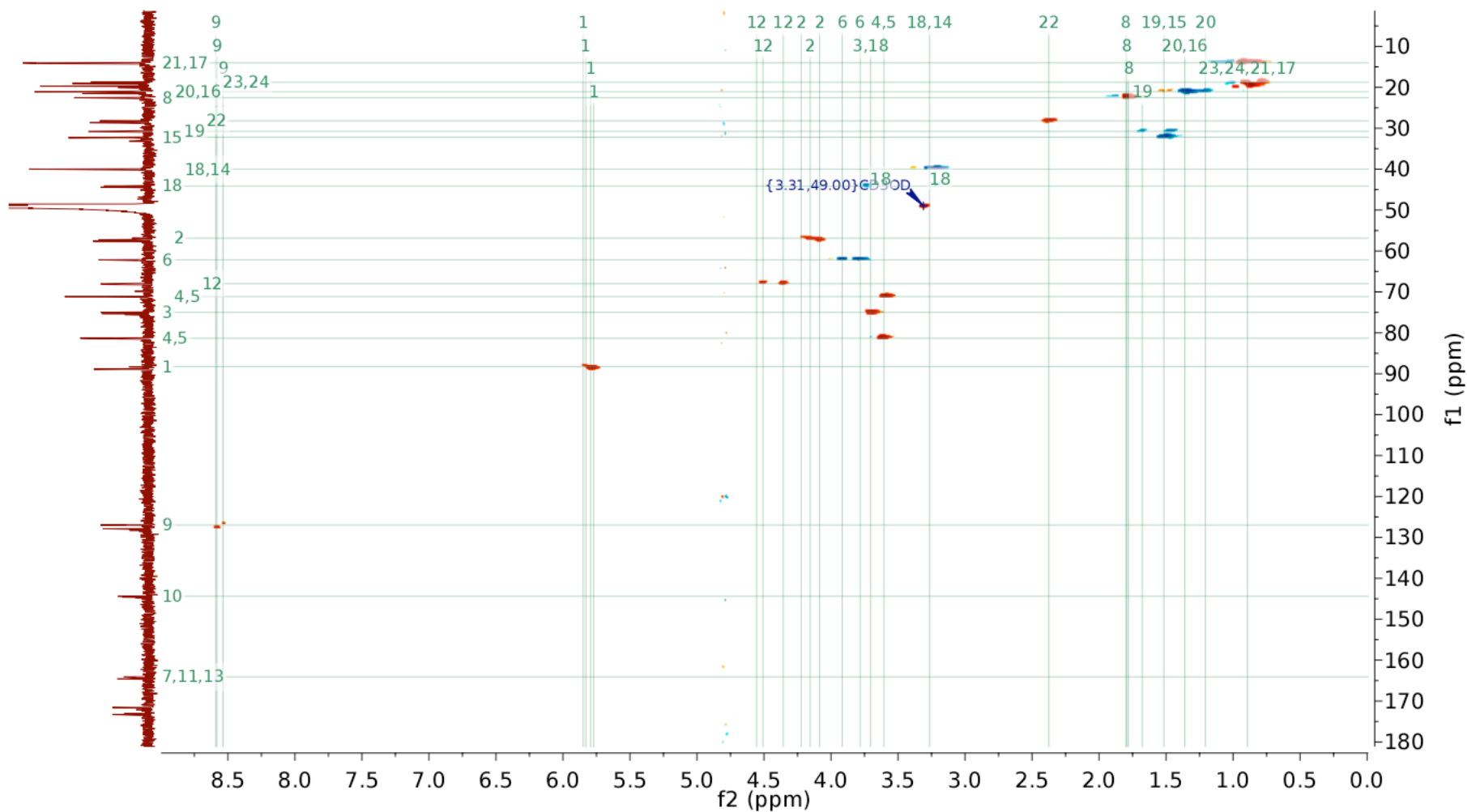
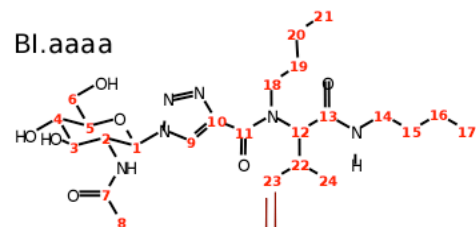


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C<sub>24</sub>H<sub>42</sub>N<sub>6</sub>O<sub>7</sub>



Bl.aaaa



C<sub>24</sub>H<sub>42</sub>N<sub>6</sub>O<sub>7</sub>

Bl.aaaa

127.96  
127.60  
126.69

88.61  
88.03

81.09  
81.05

75.27  
75.01

74.71  
70.86

69.56  
67.89

67.71  
61.97

61.91  
61.87

57.32  
56.96

56.58  
44.12

43.86  
39.85

39.80  
39.71

32.03  
31.92

30.53  
30.49

28.33  
28.13

27.92  
22.33

22.24  
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21.15  
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19.75

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18.78

18.48  
13.91

13.79

18,14

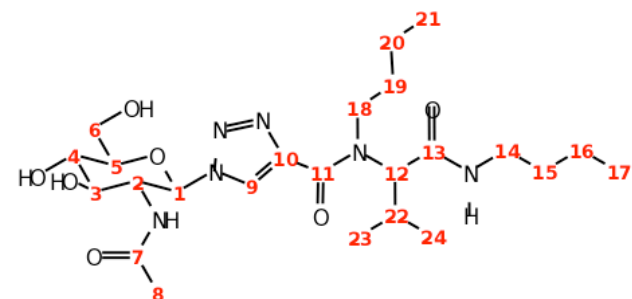
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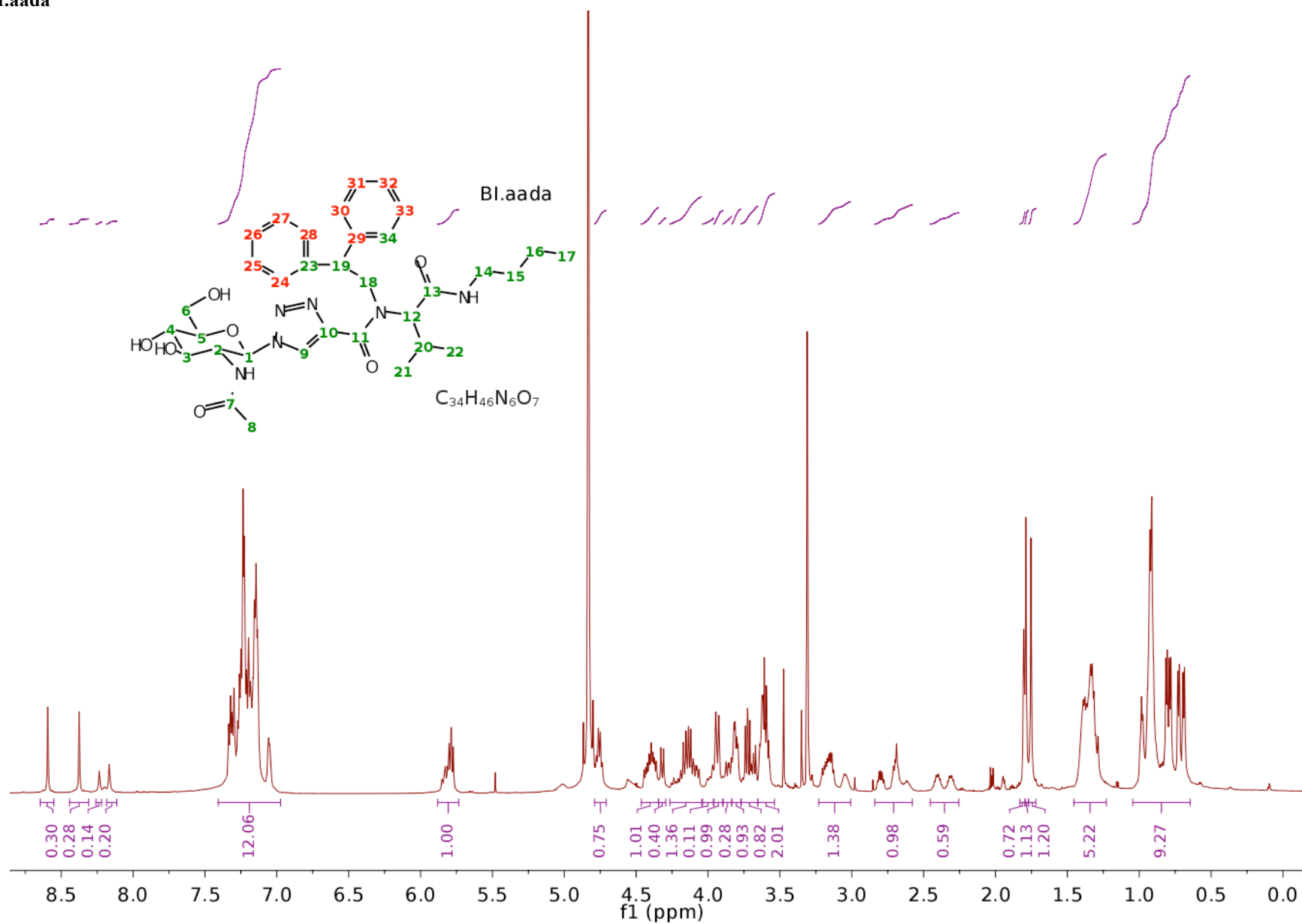
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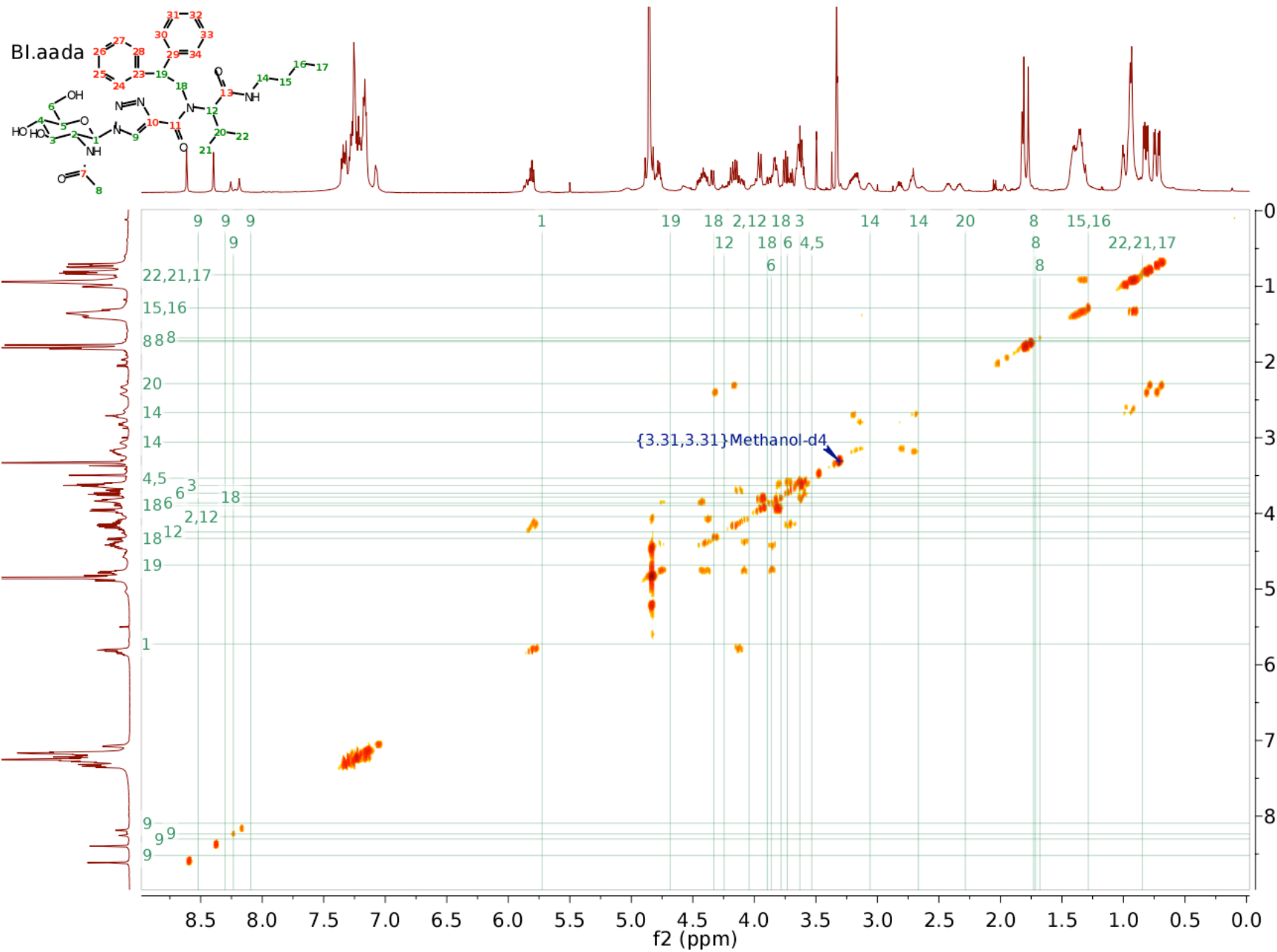
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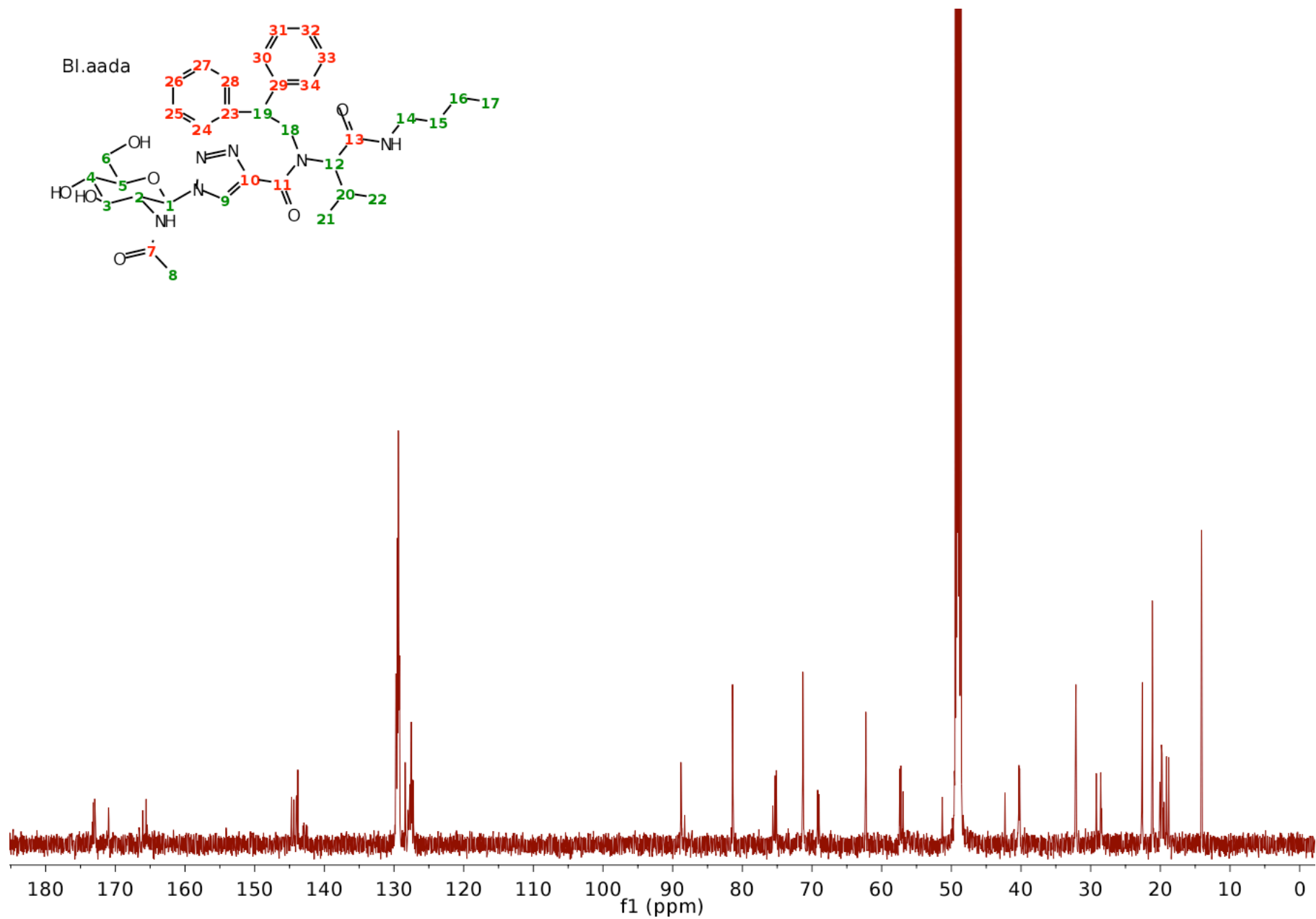
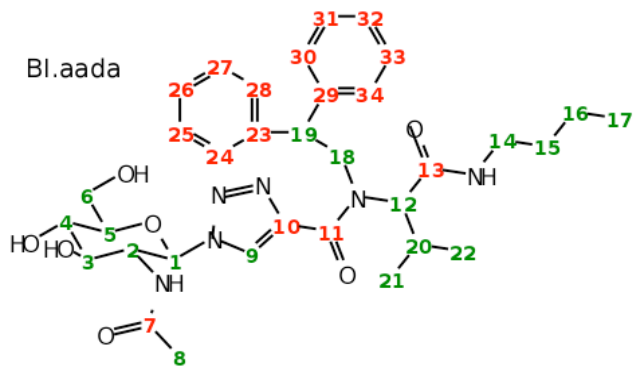
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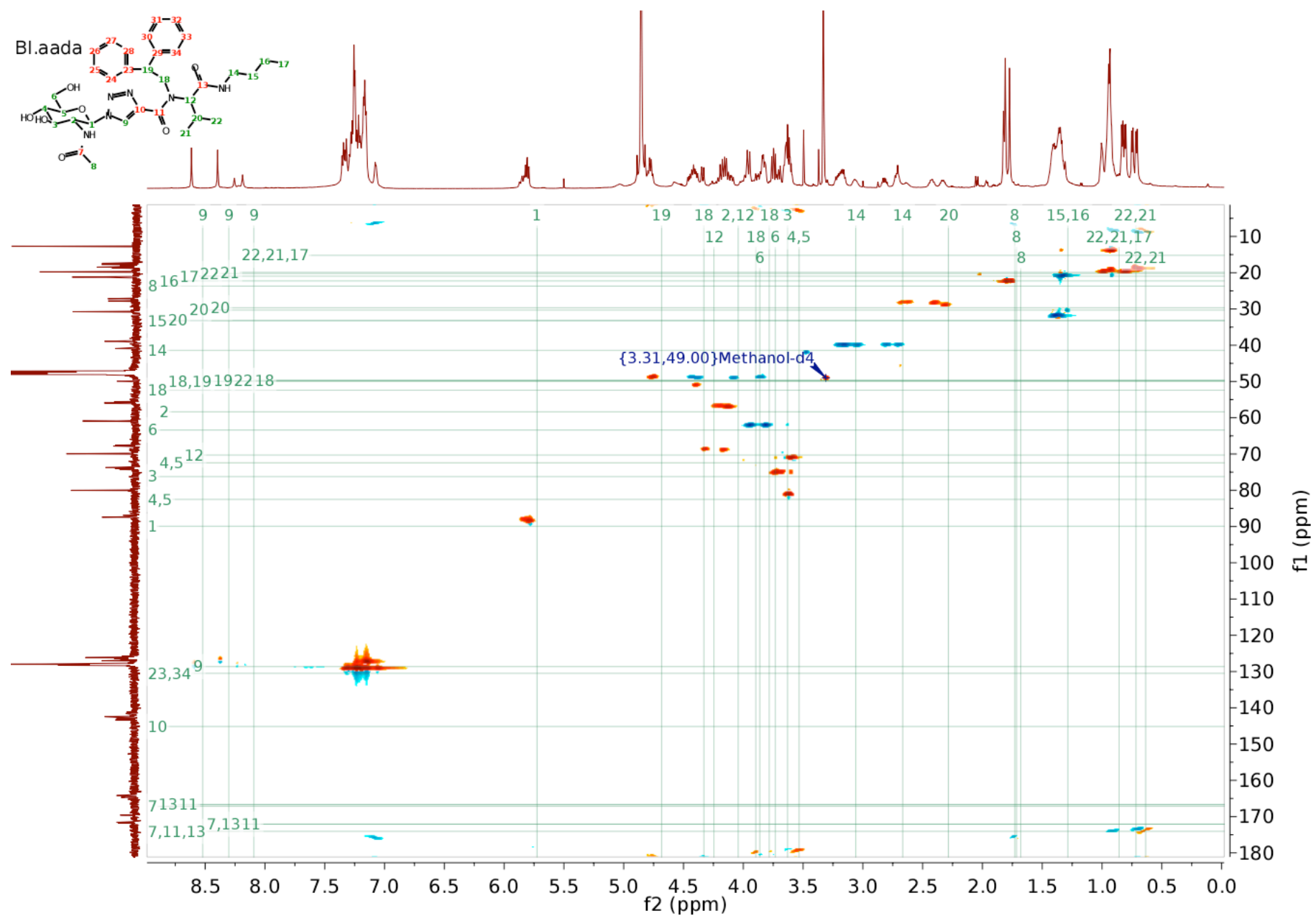
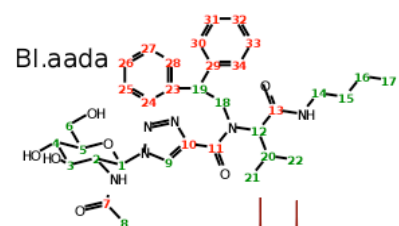
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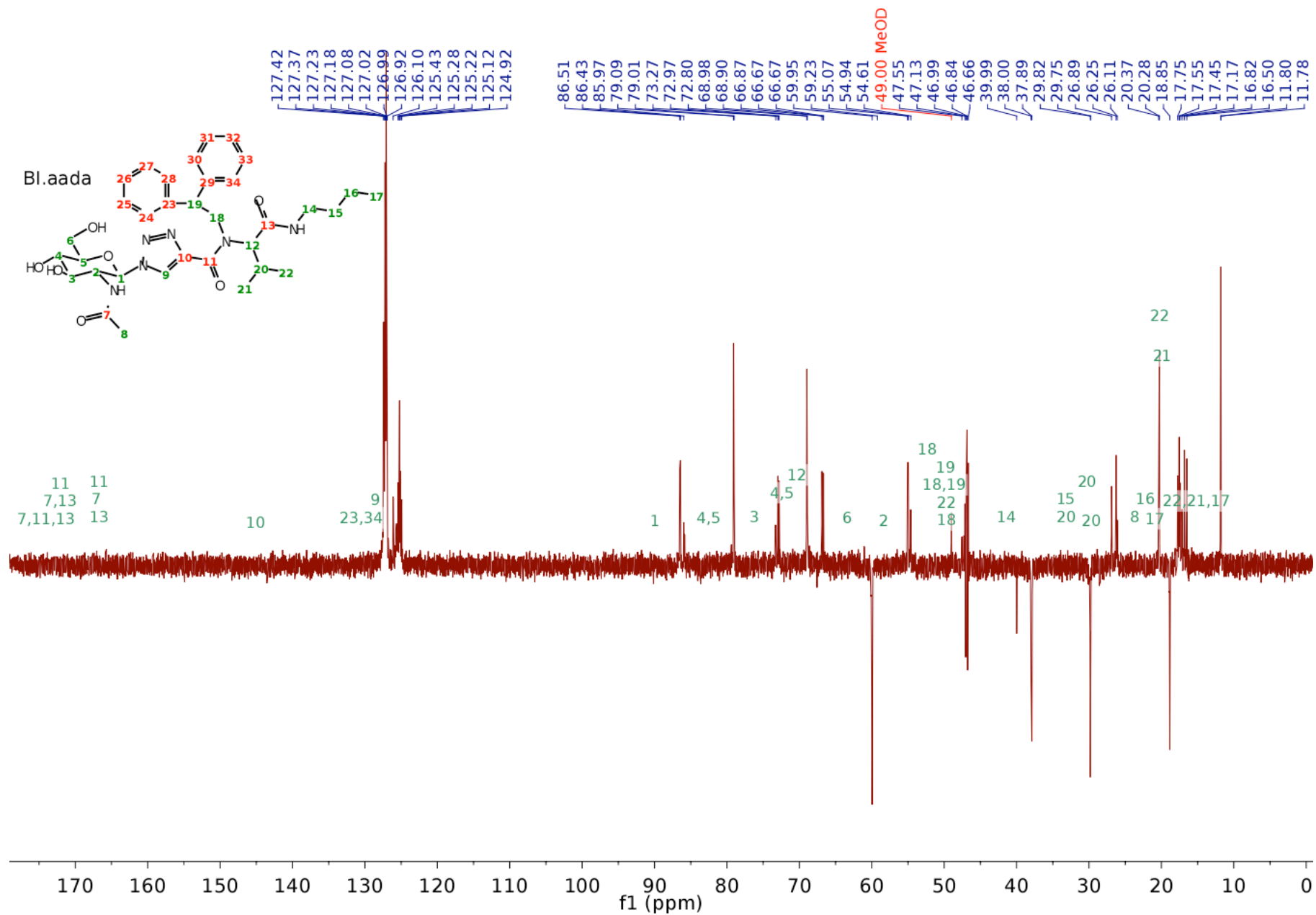
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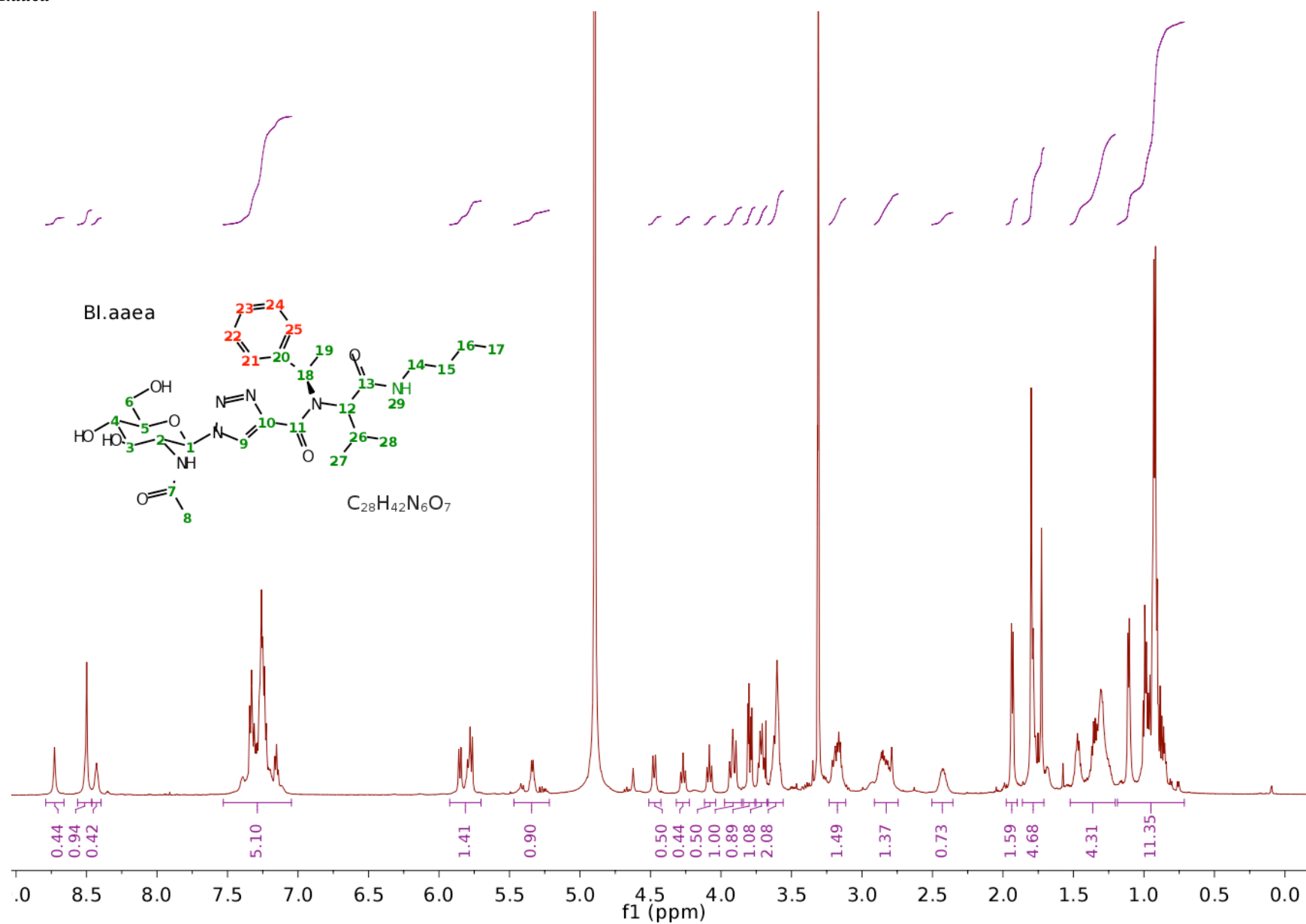


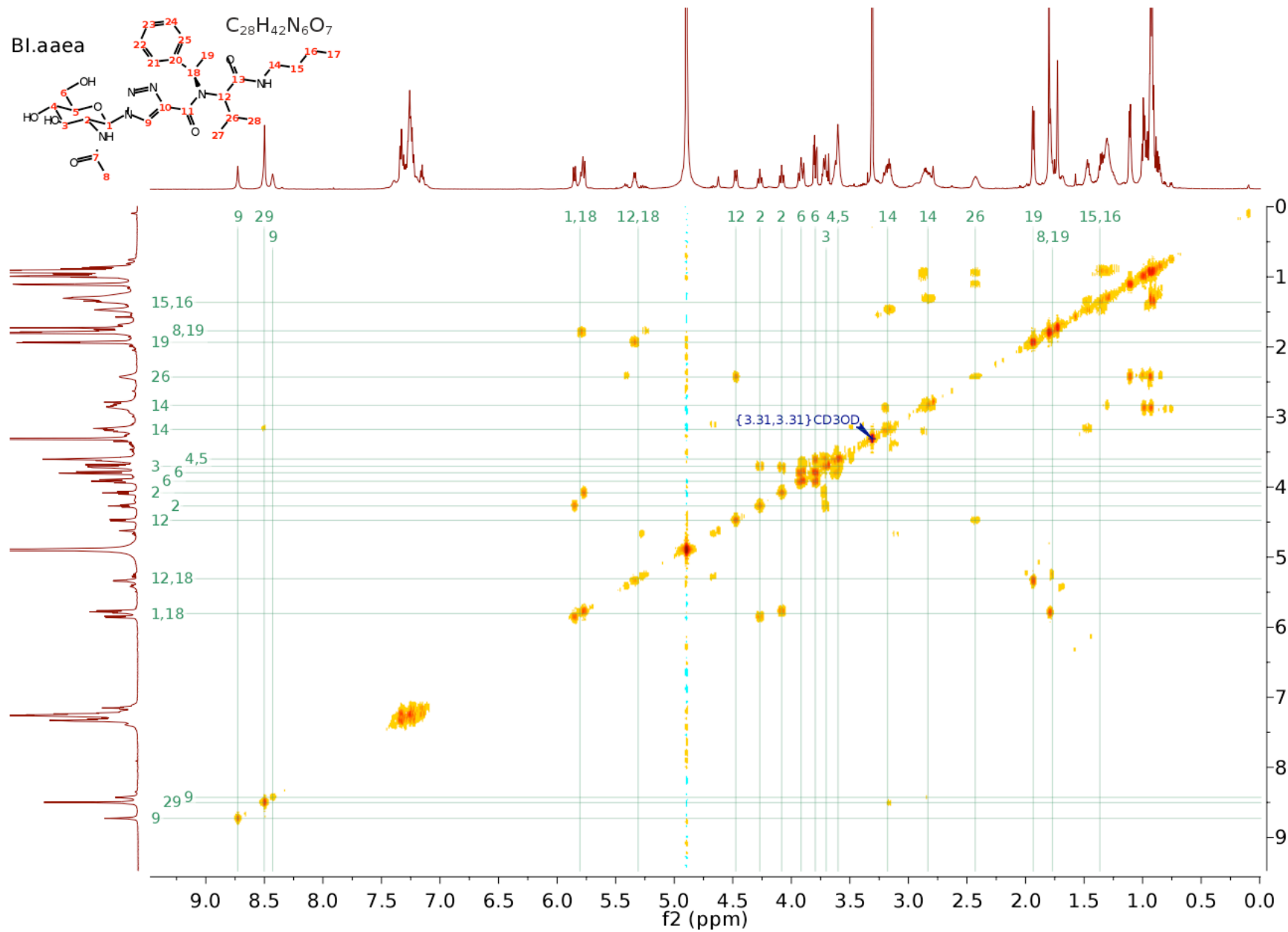


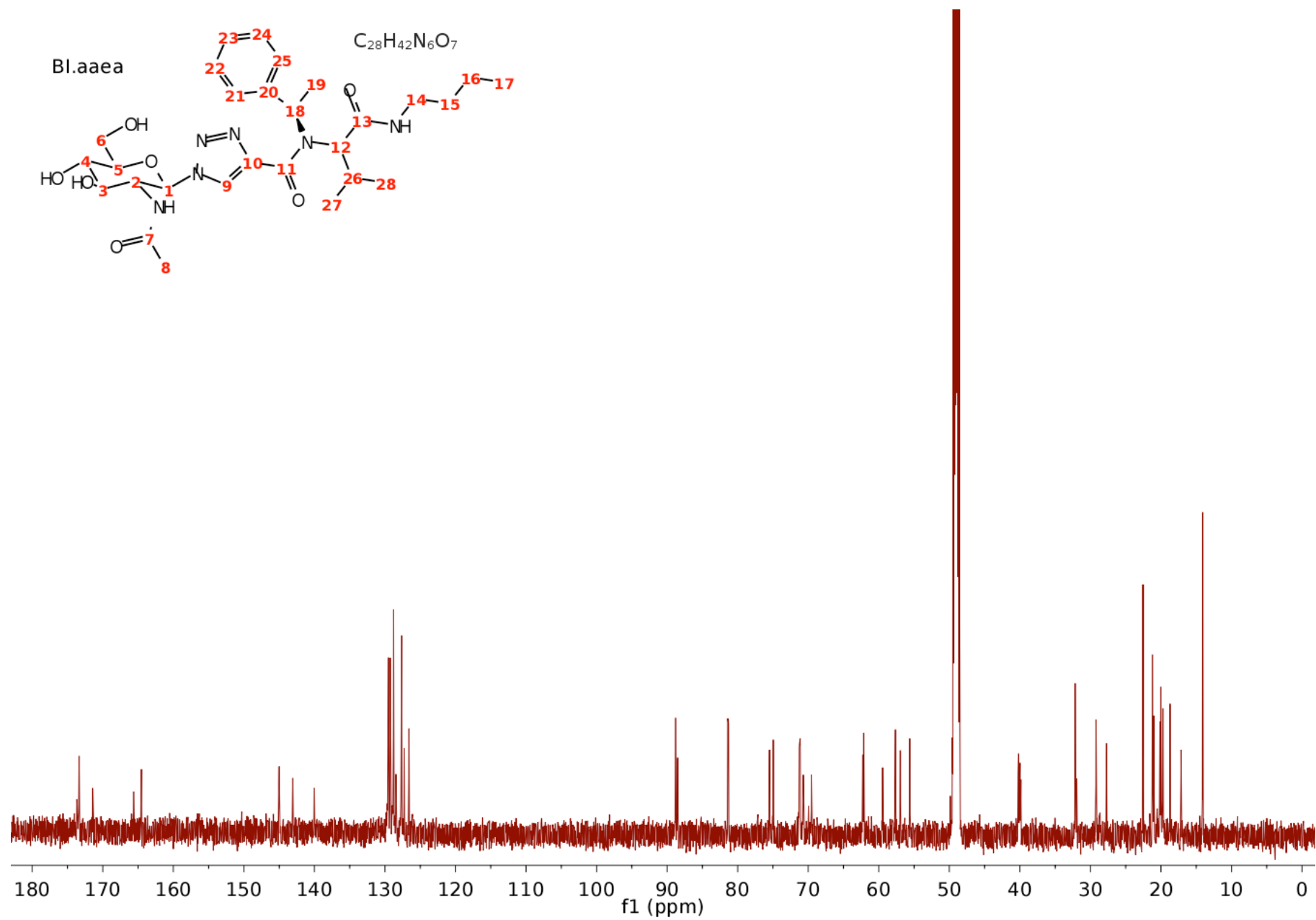


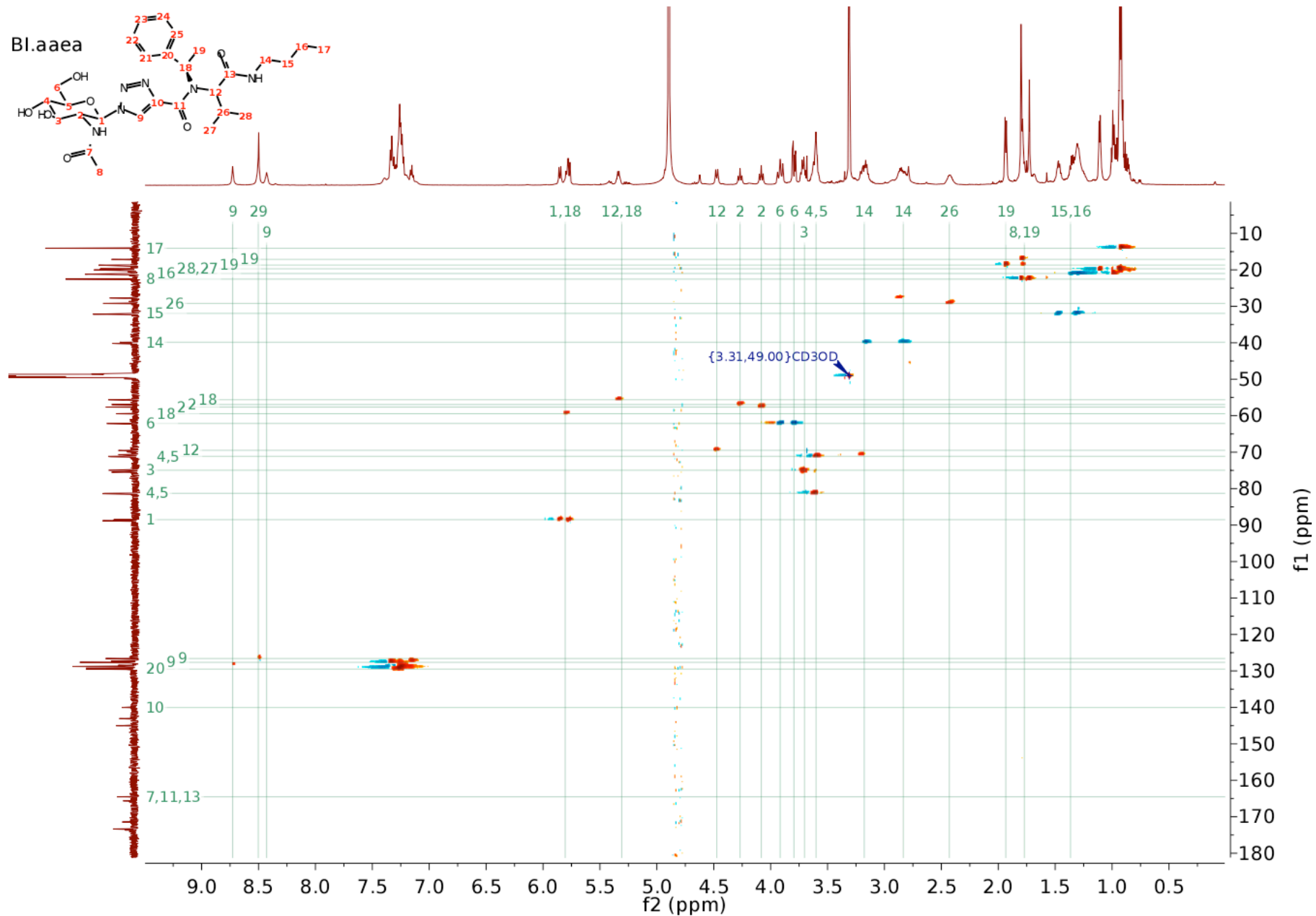


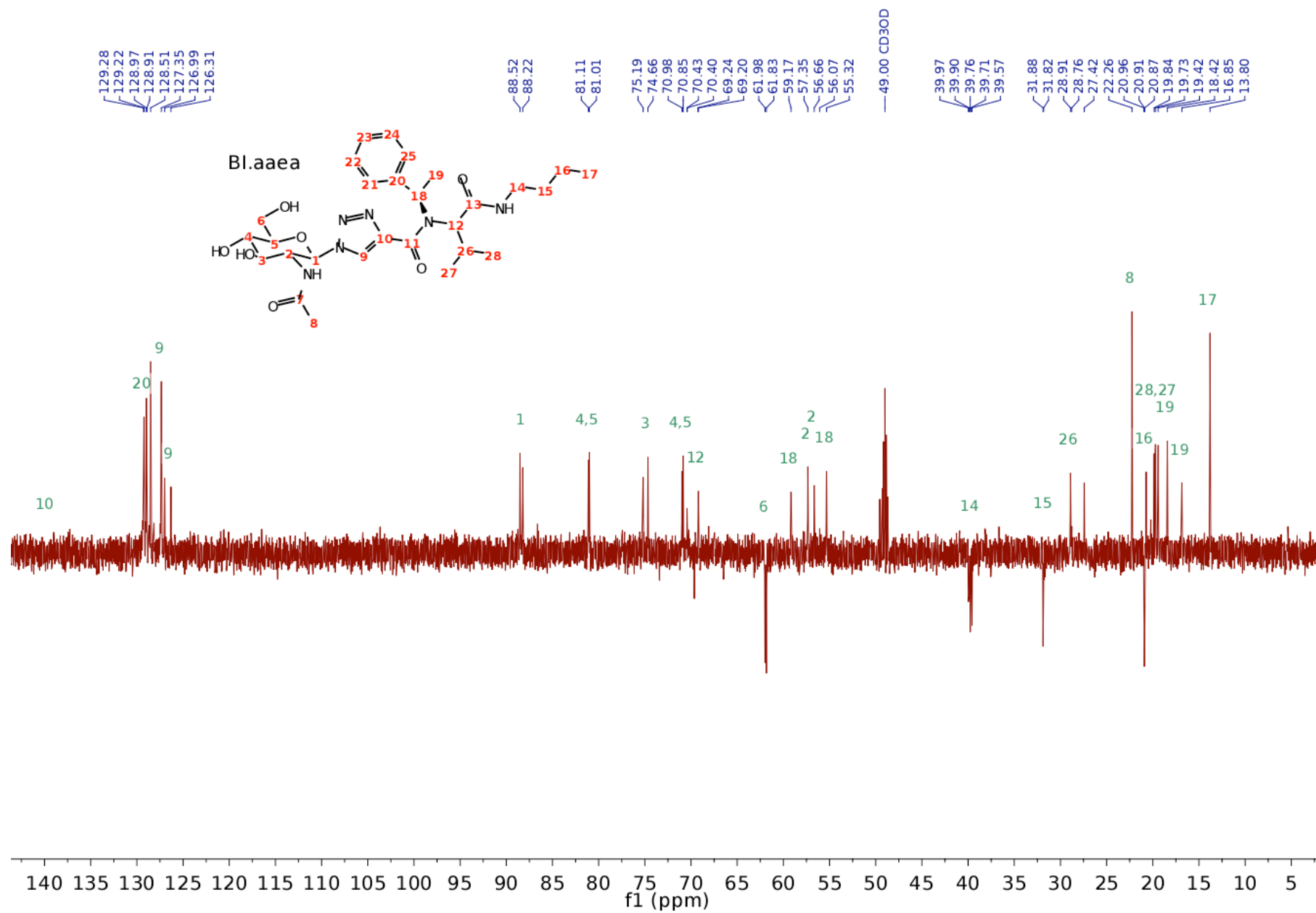
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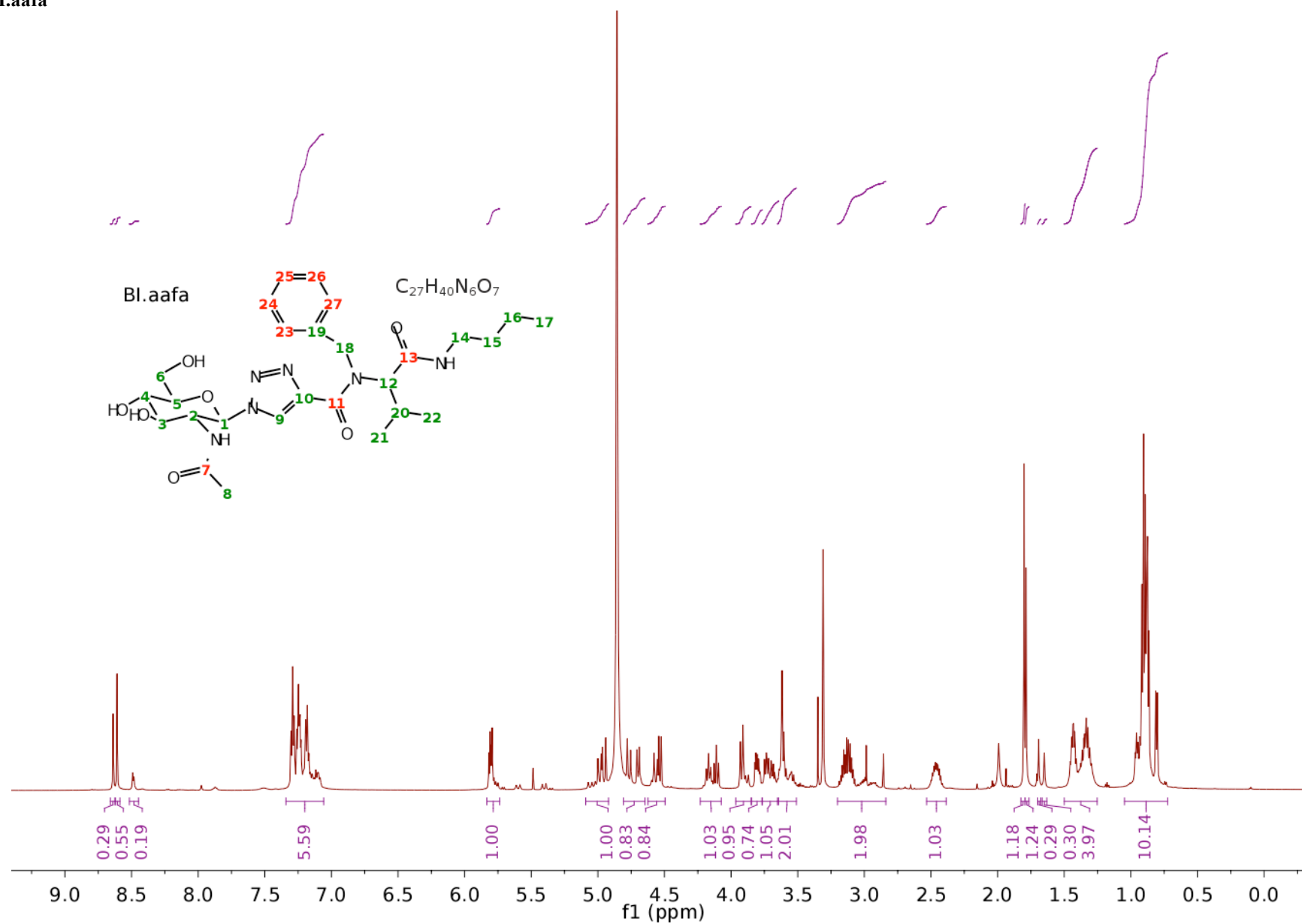


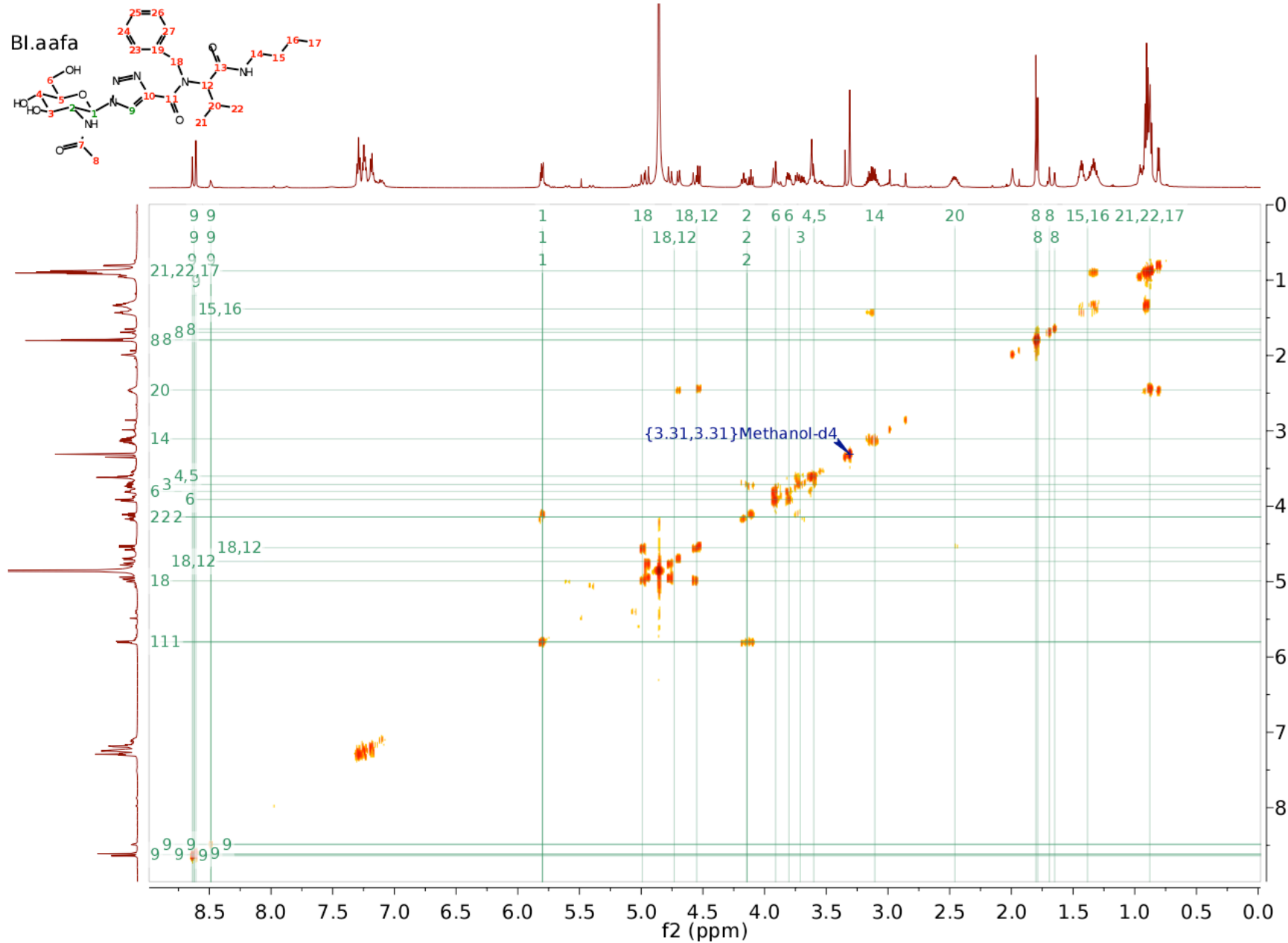






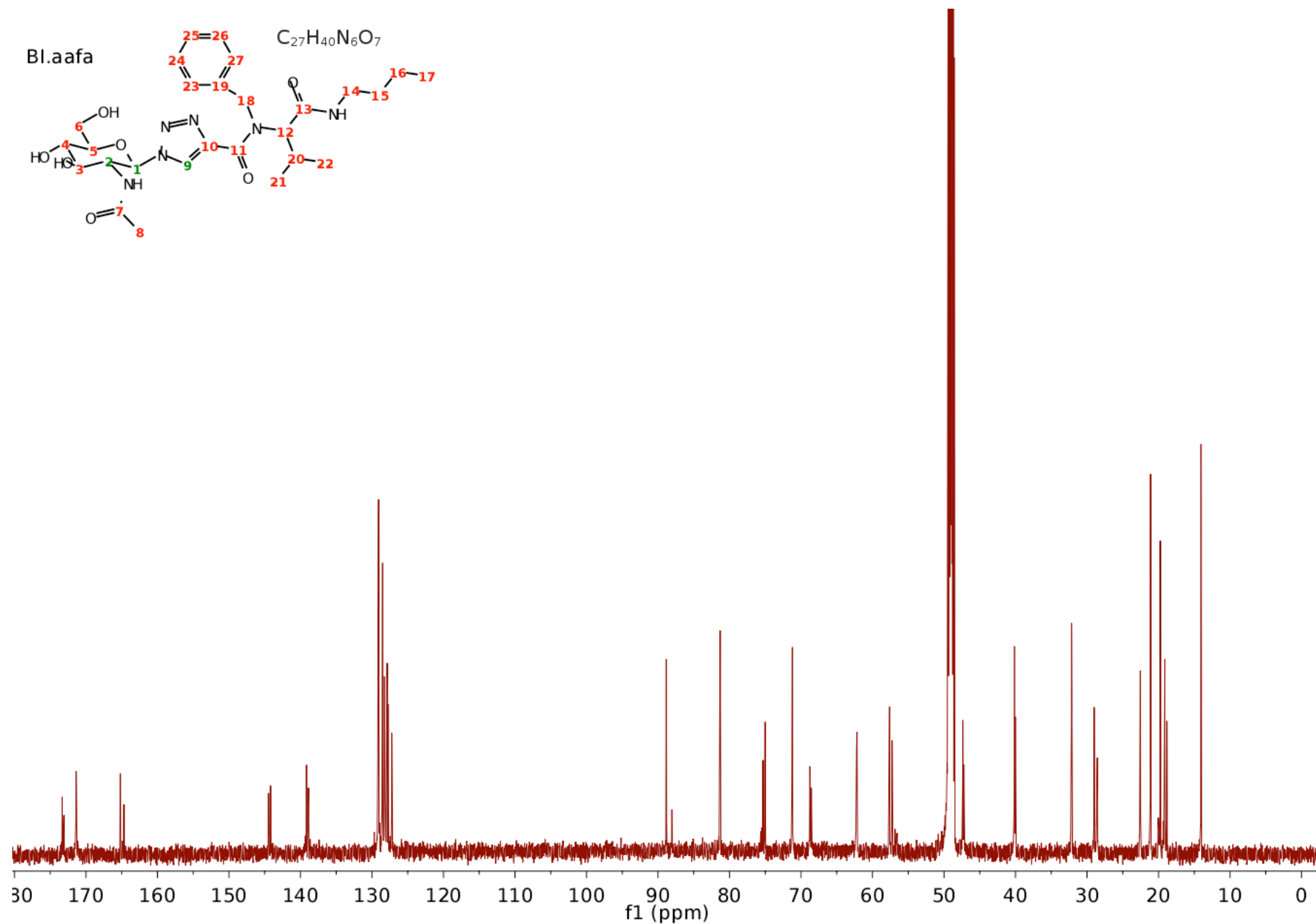
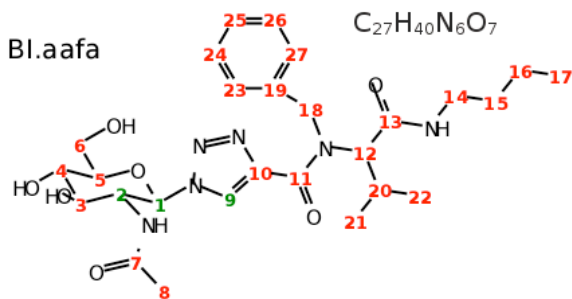
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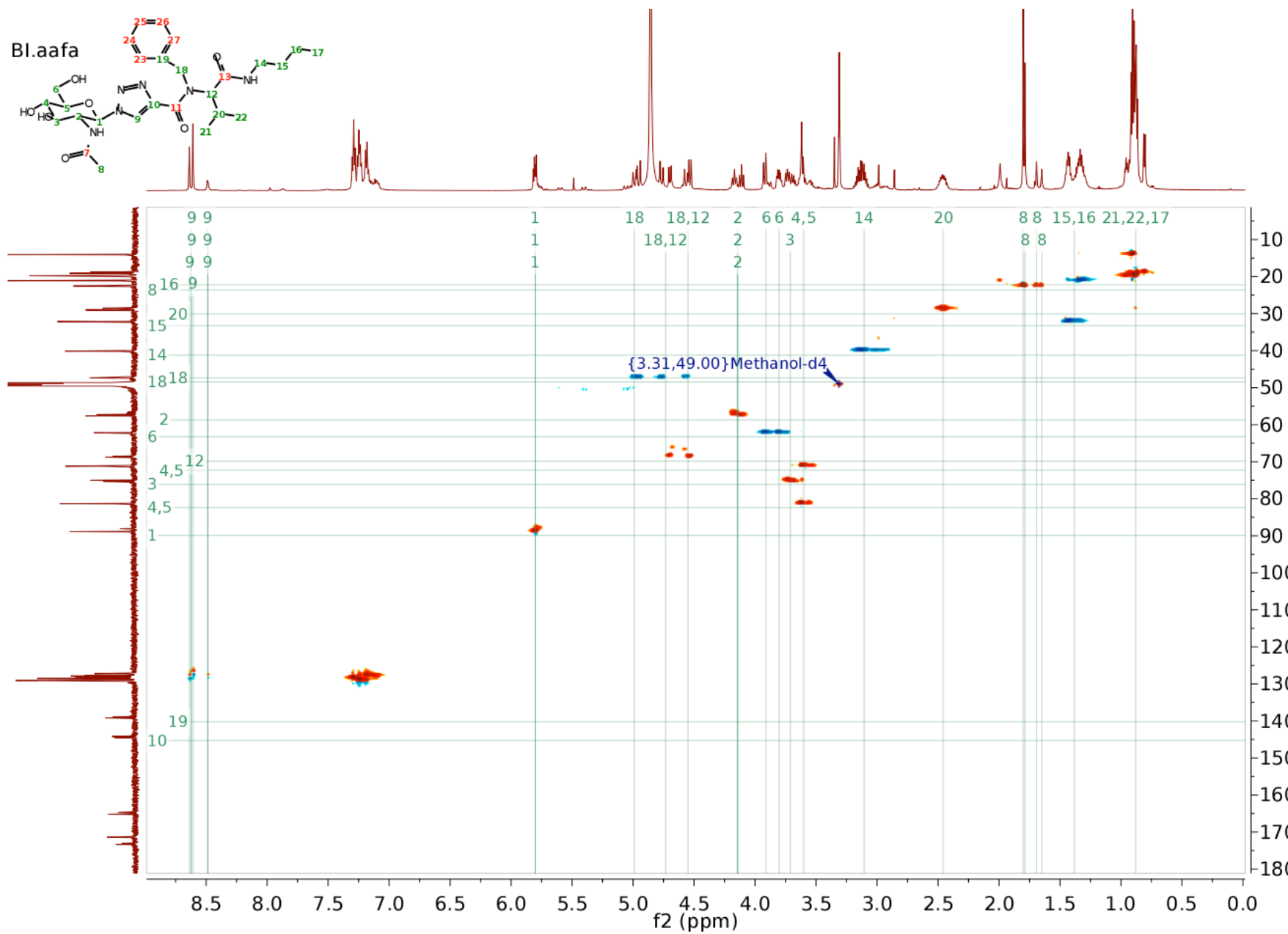


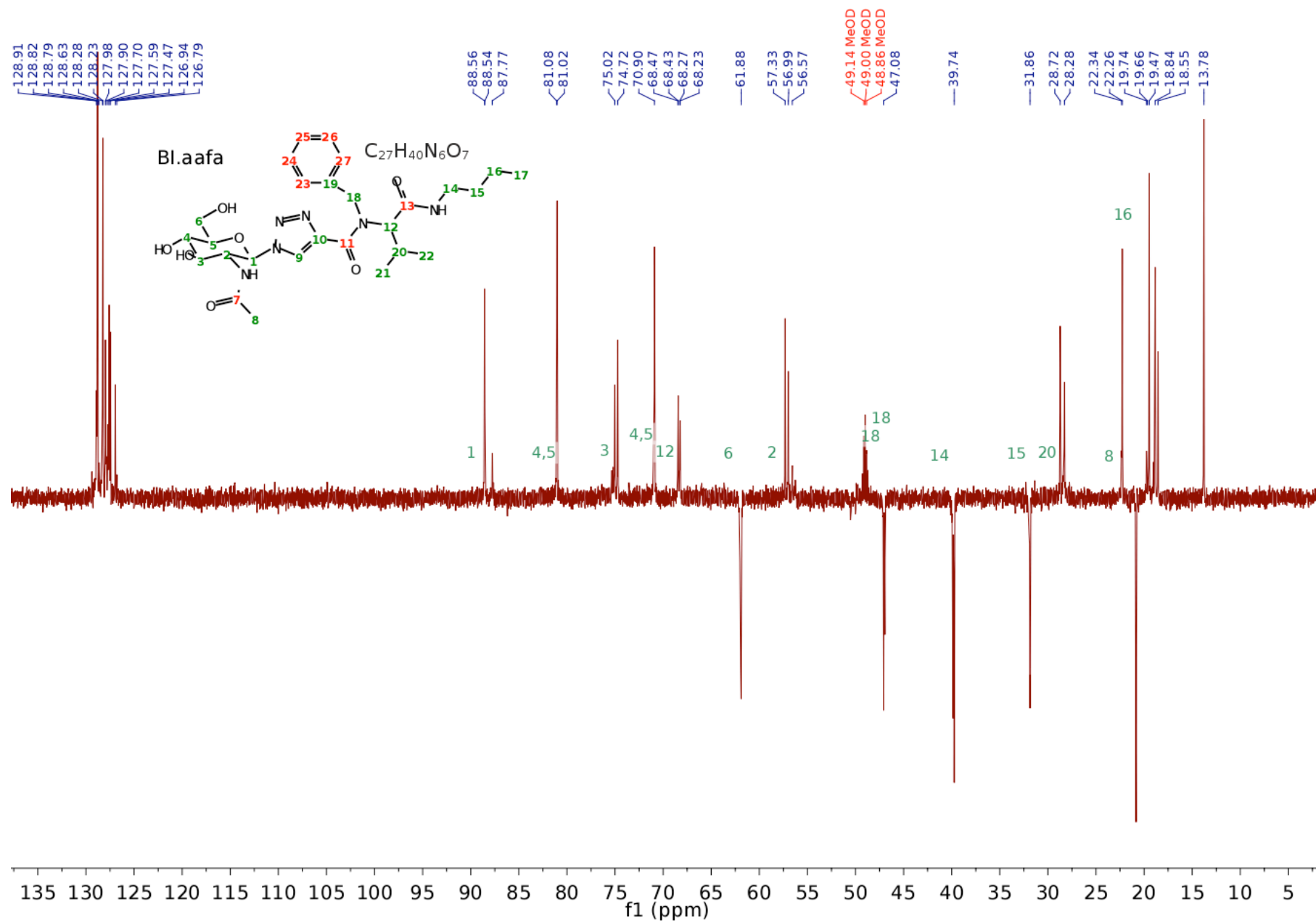
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C<sub>27</sub>H<sub>40</sub>N<sub>6</sub>O<sub>7</sub>

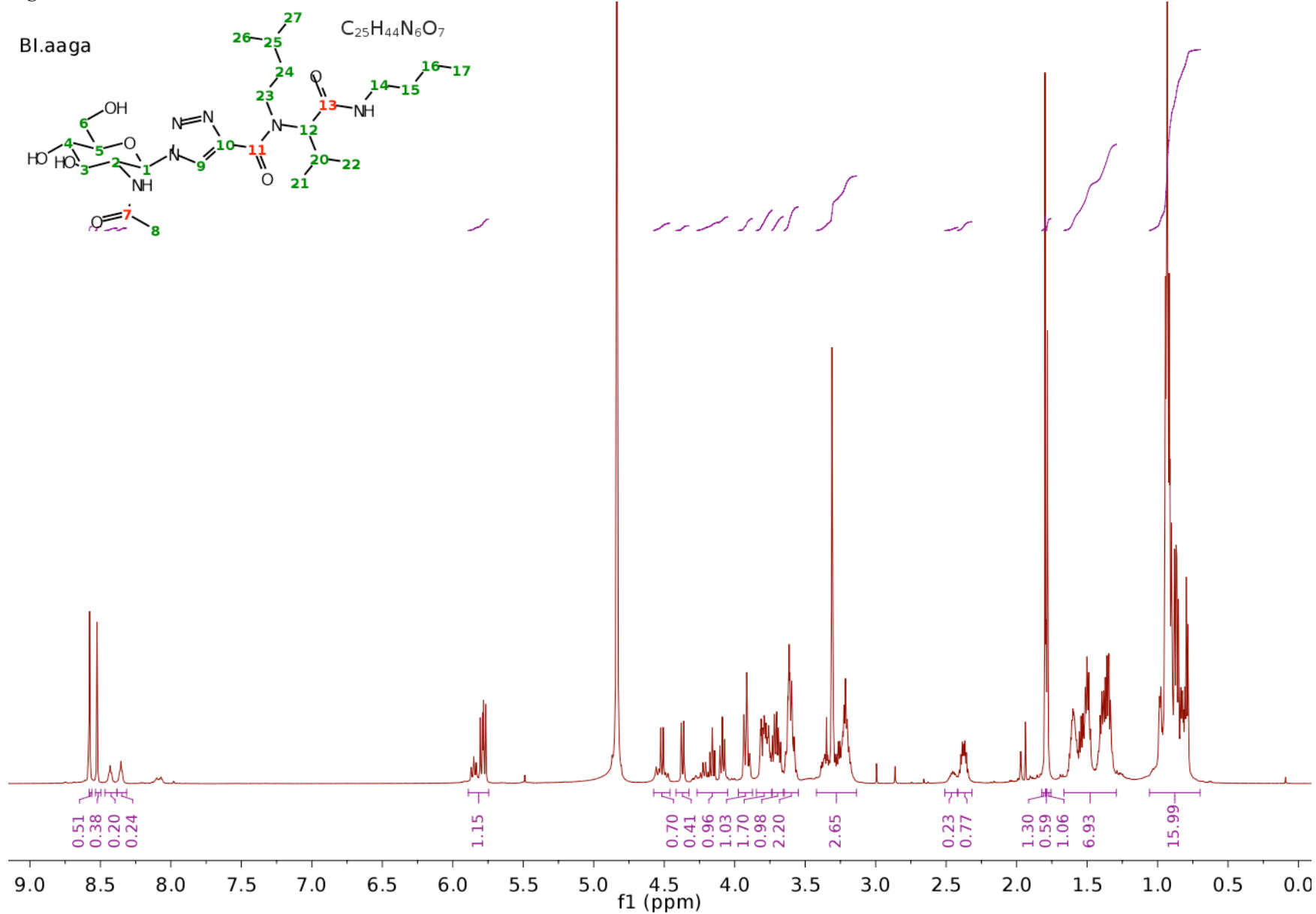




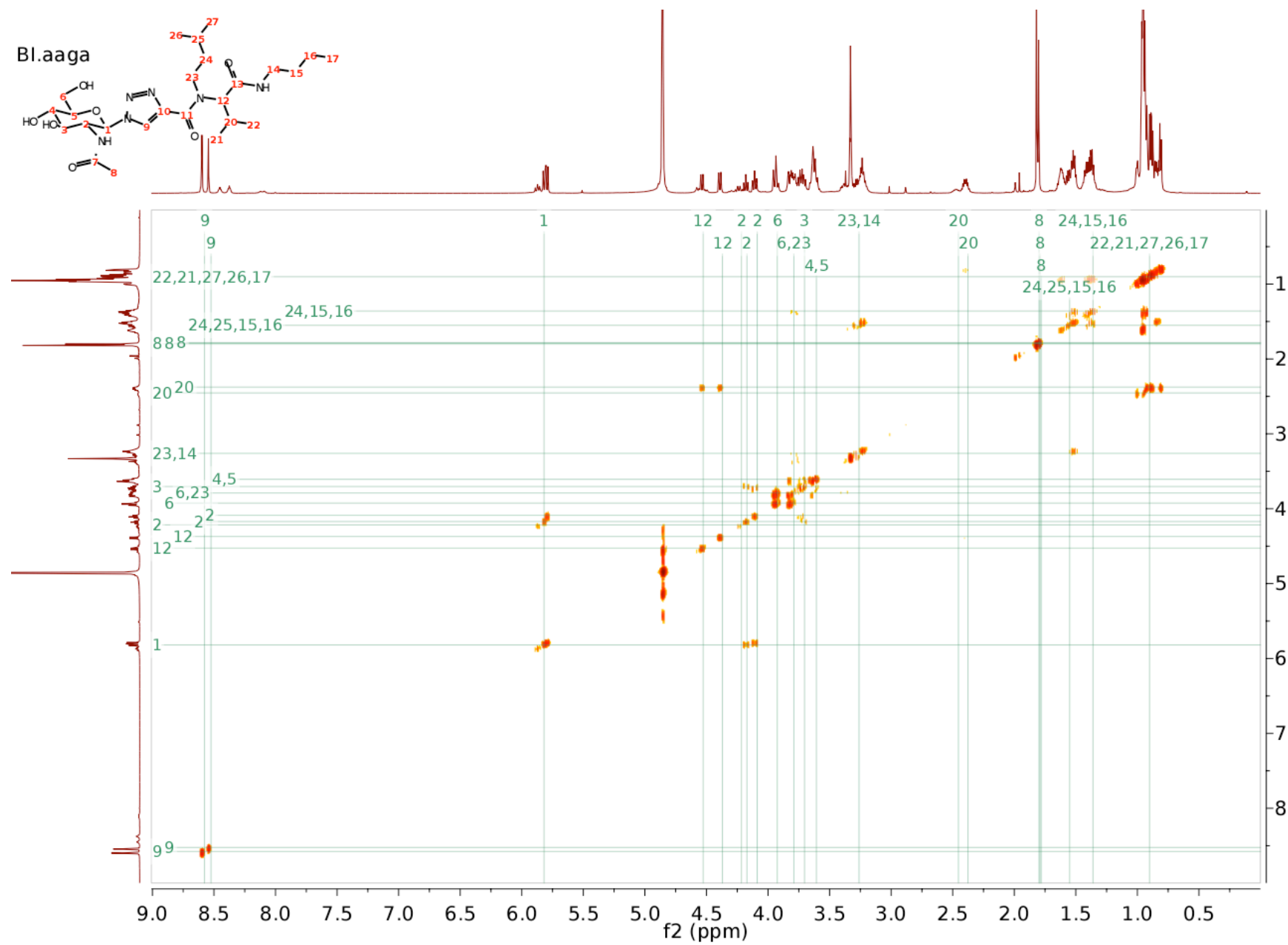
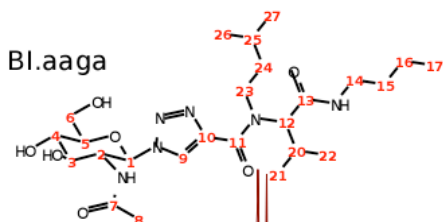




BL.aaga

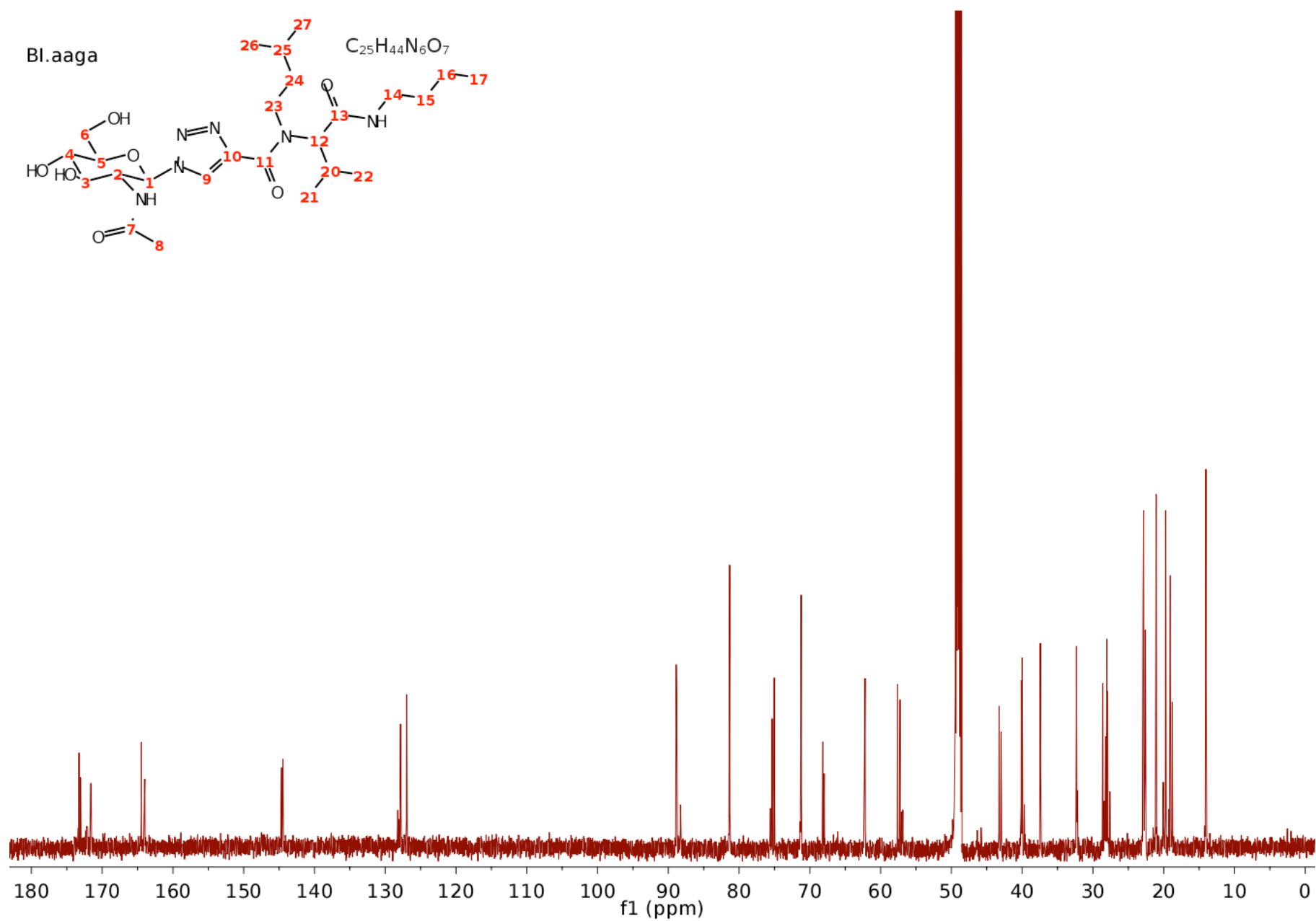
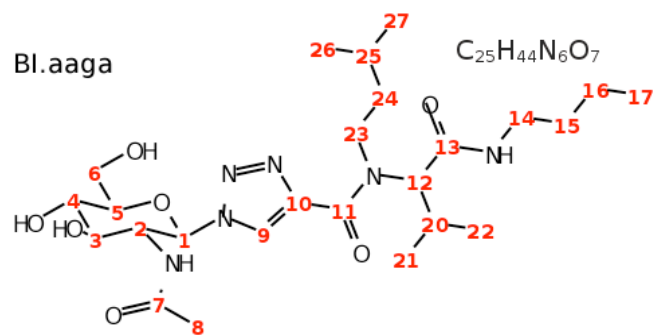


Bl.aaga

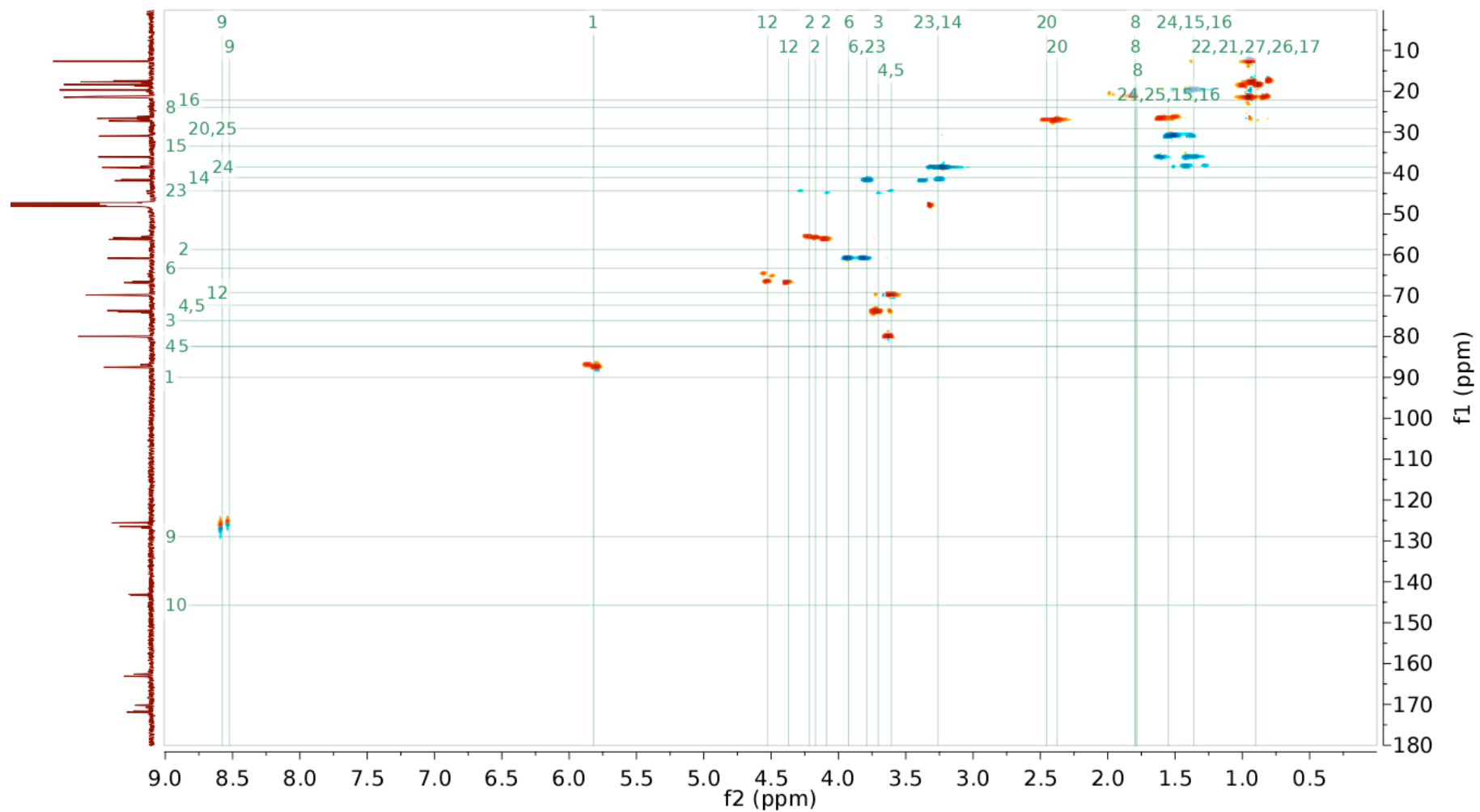
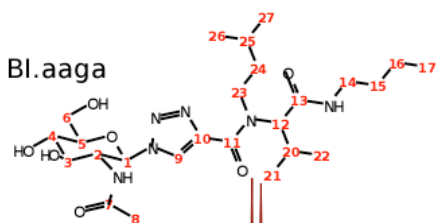


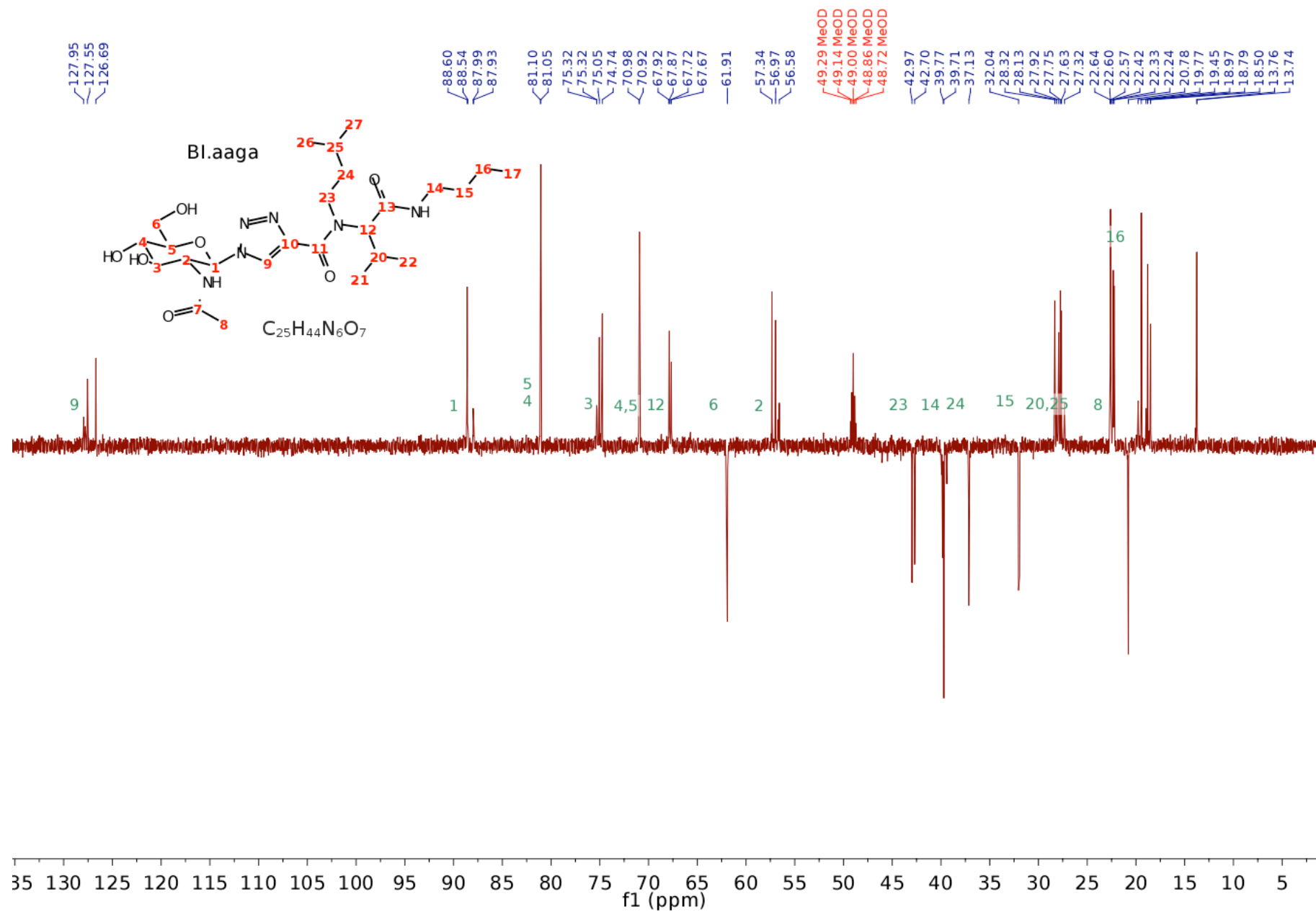
Bl.aaga

C<sub>25</sub>H<sub>44</sub>N<sub>6</sub>O<sub>7</sub>

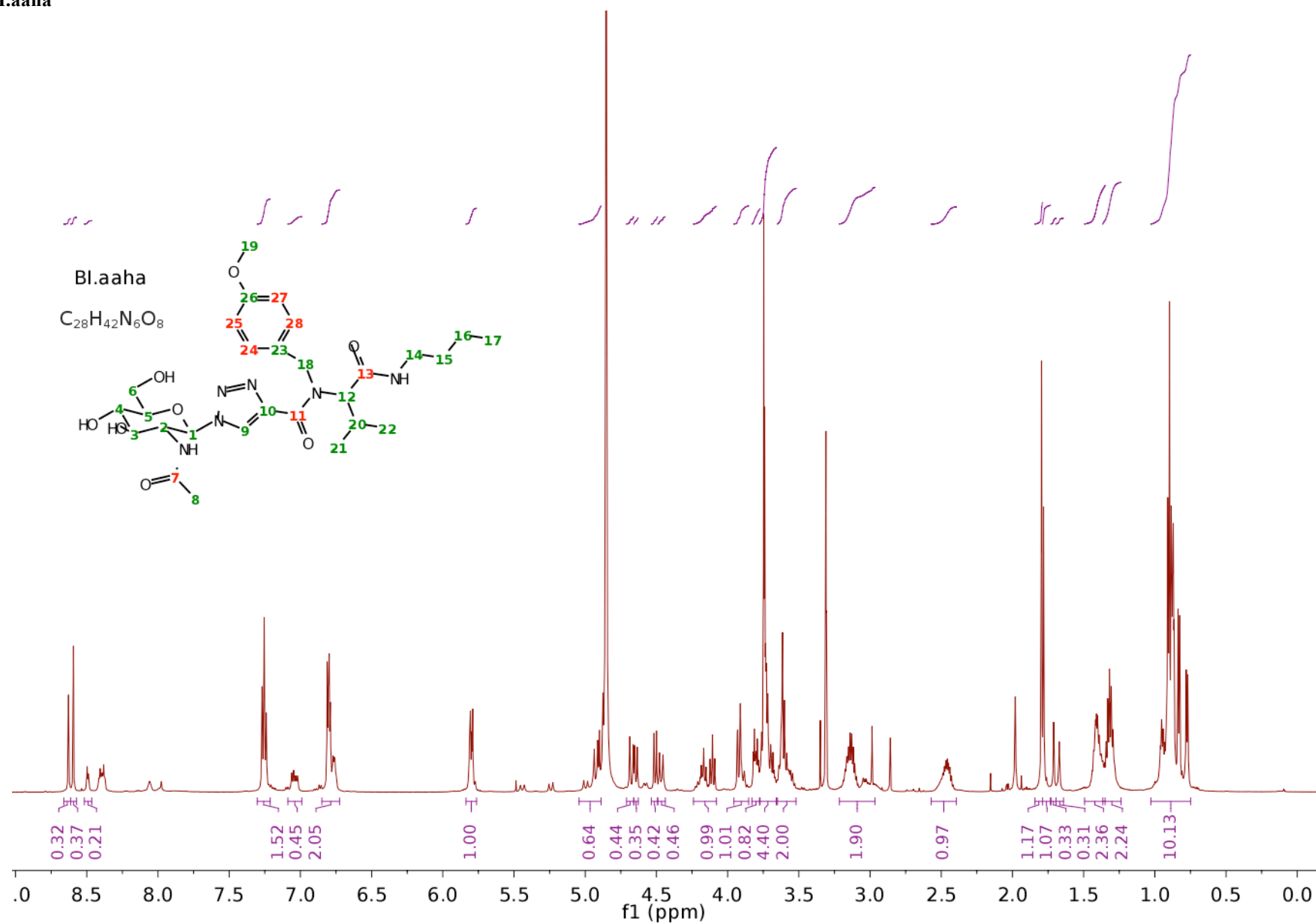


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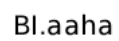


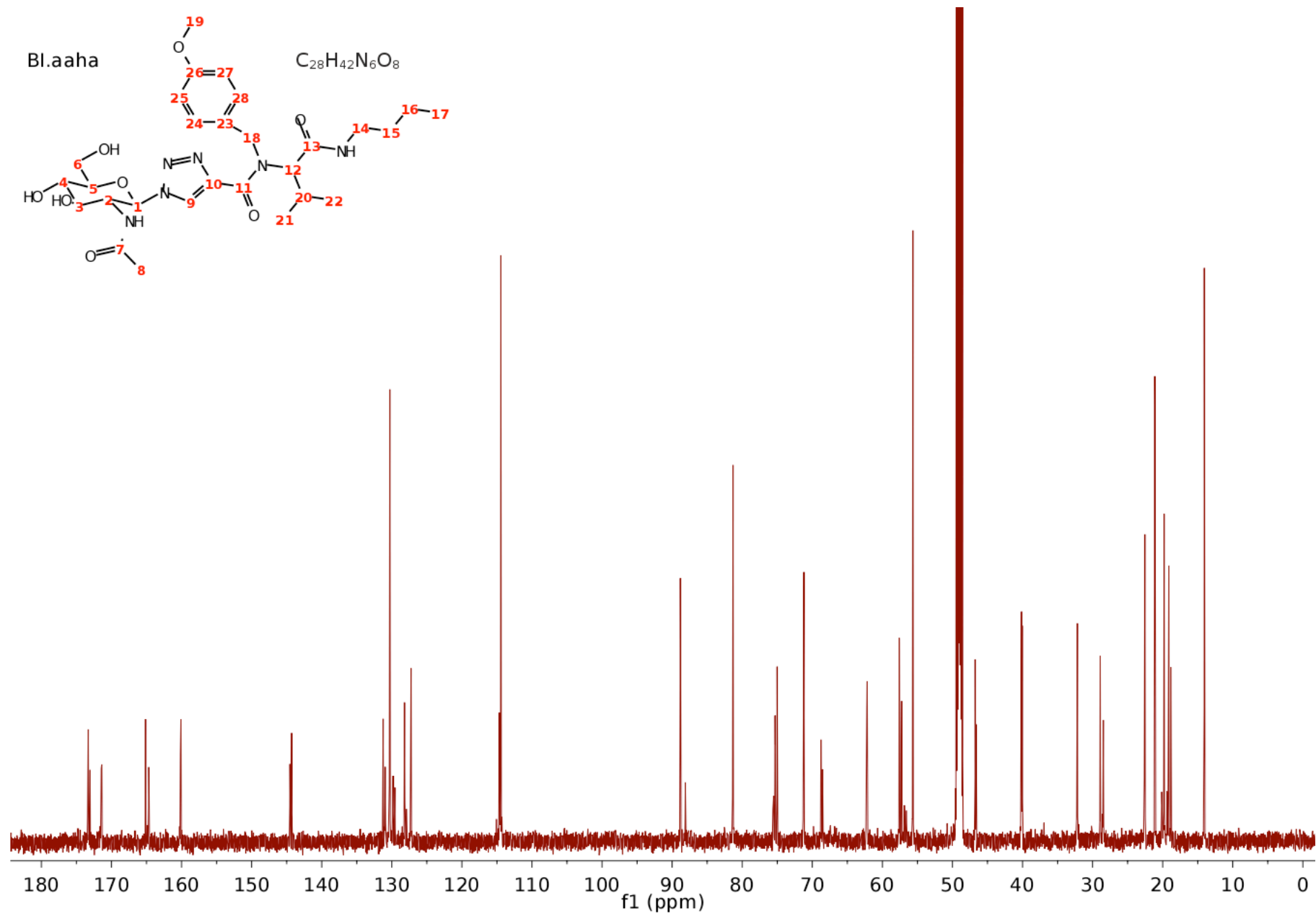


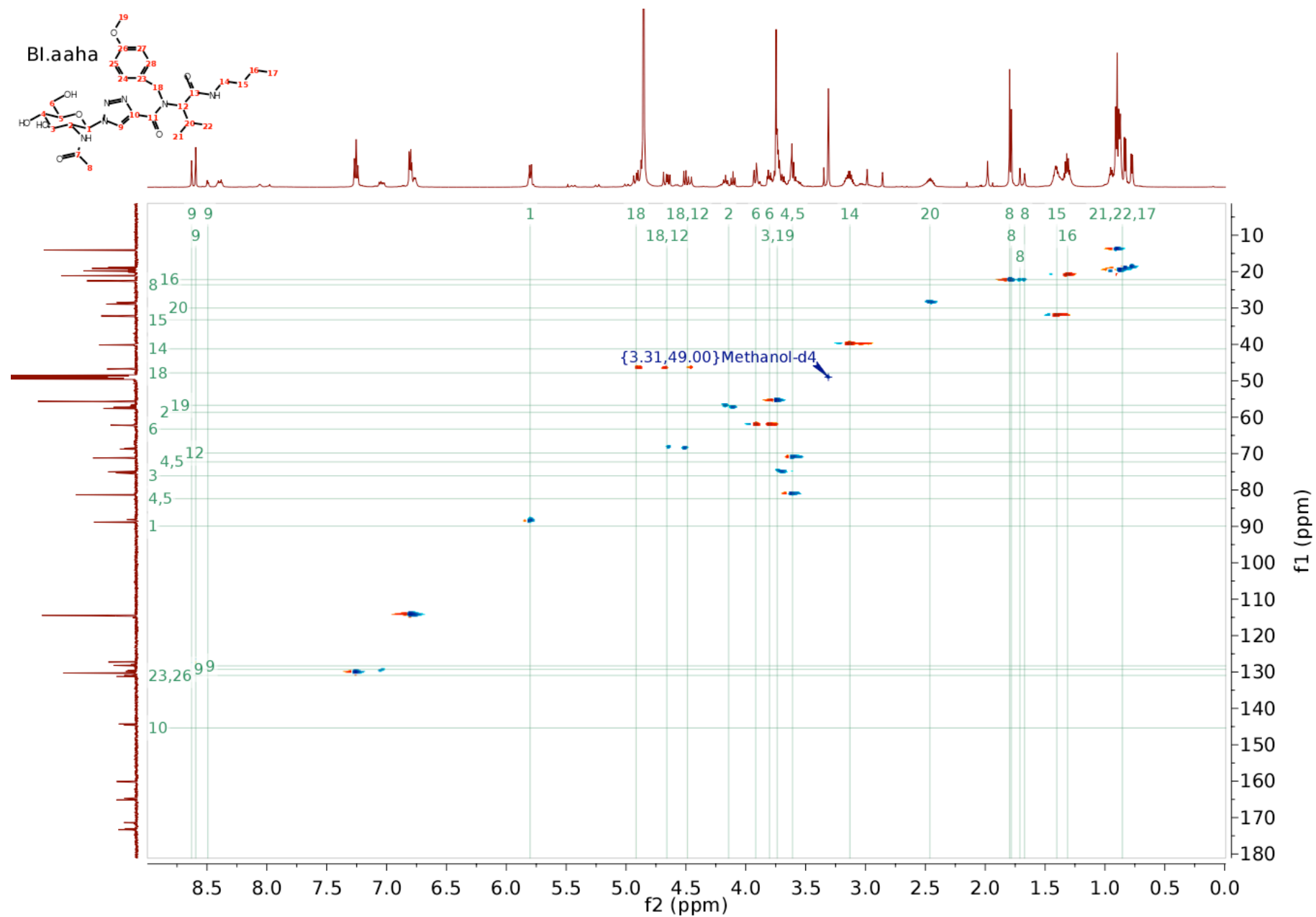
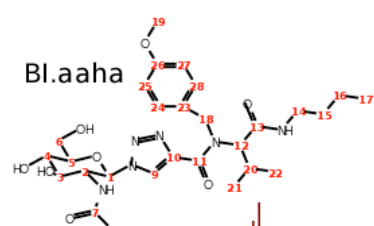
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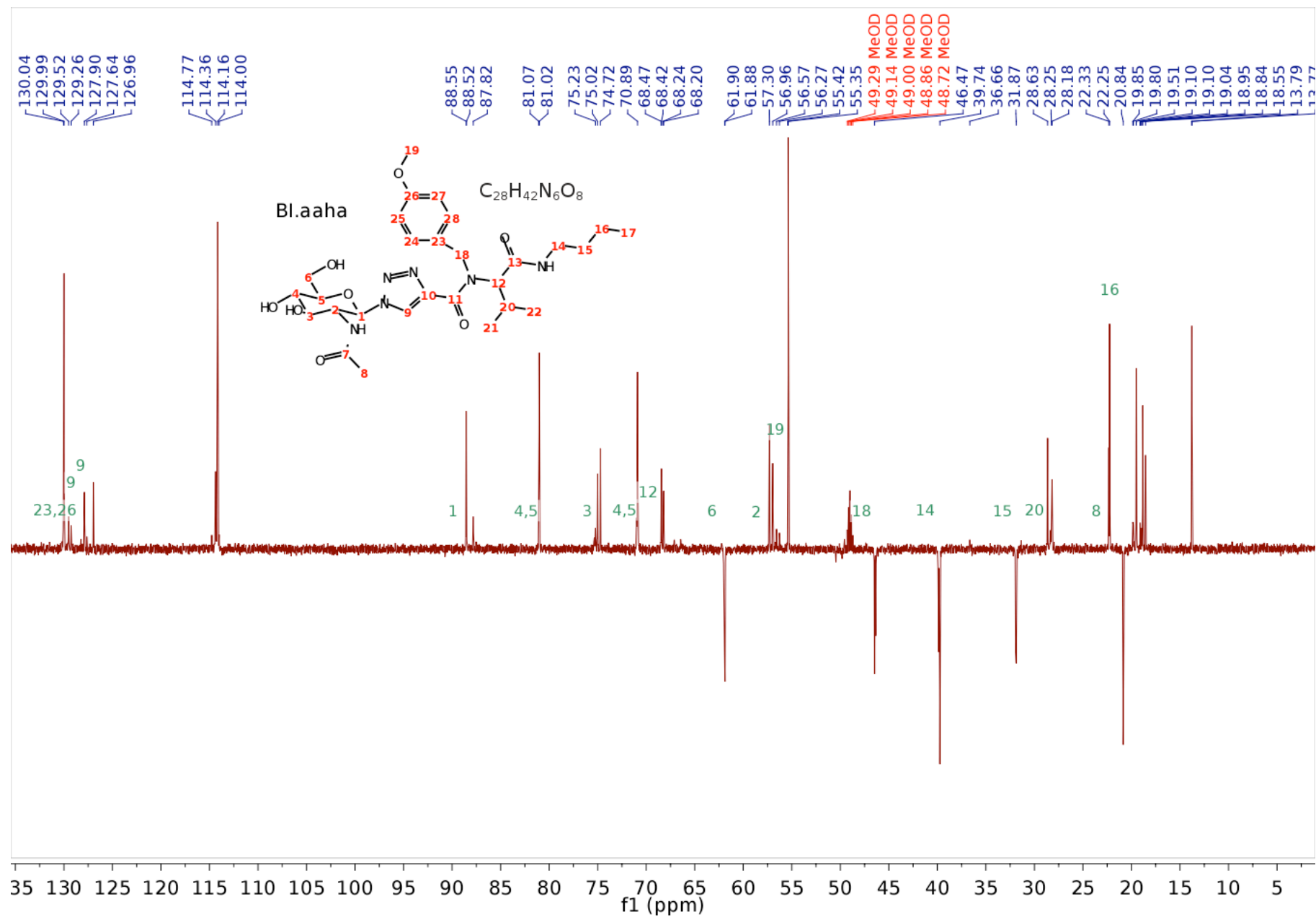




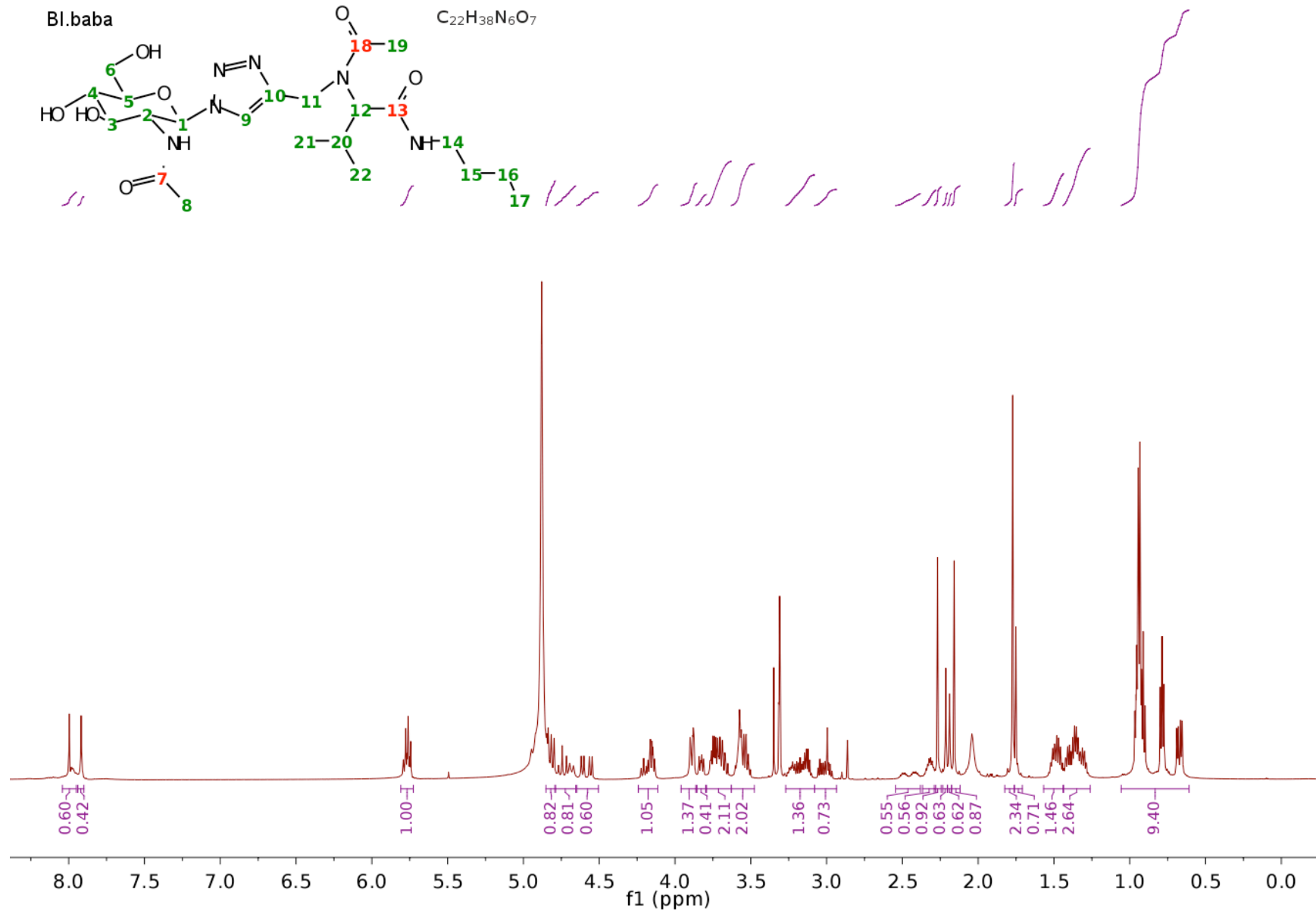
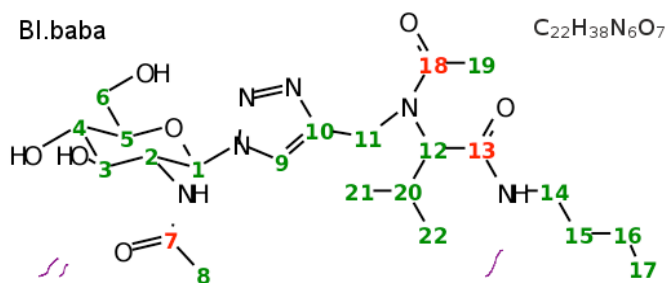




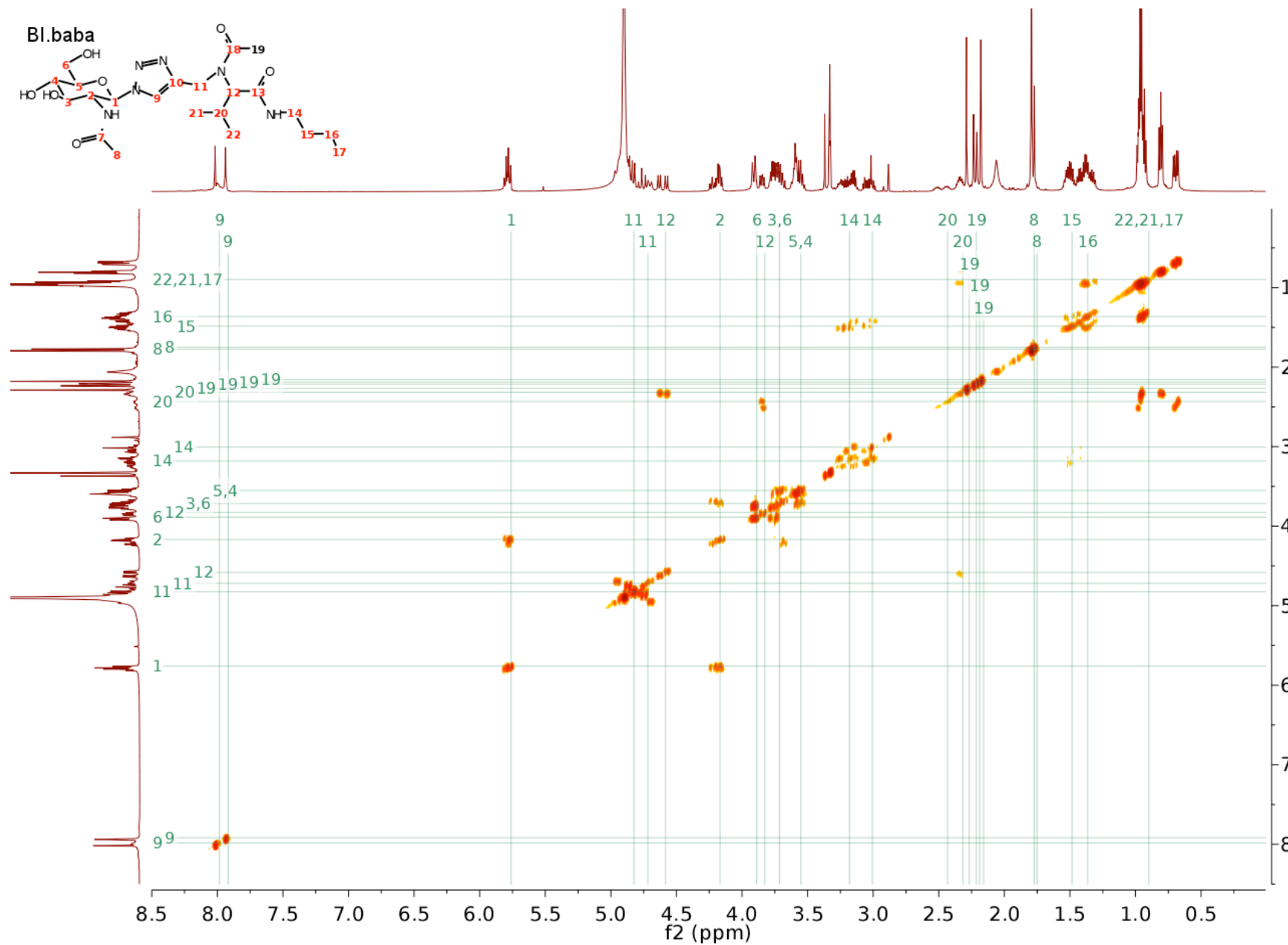
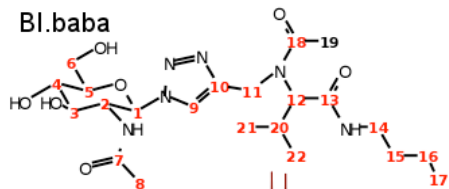




Bl.baba

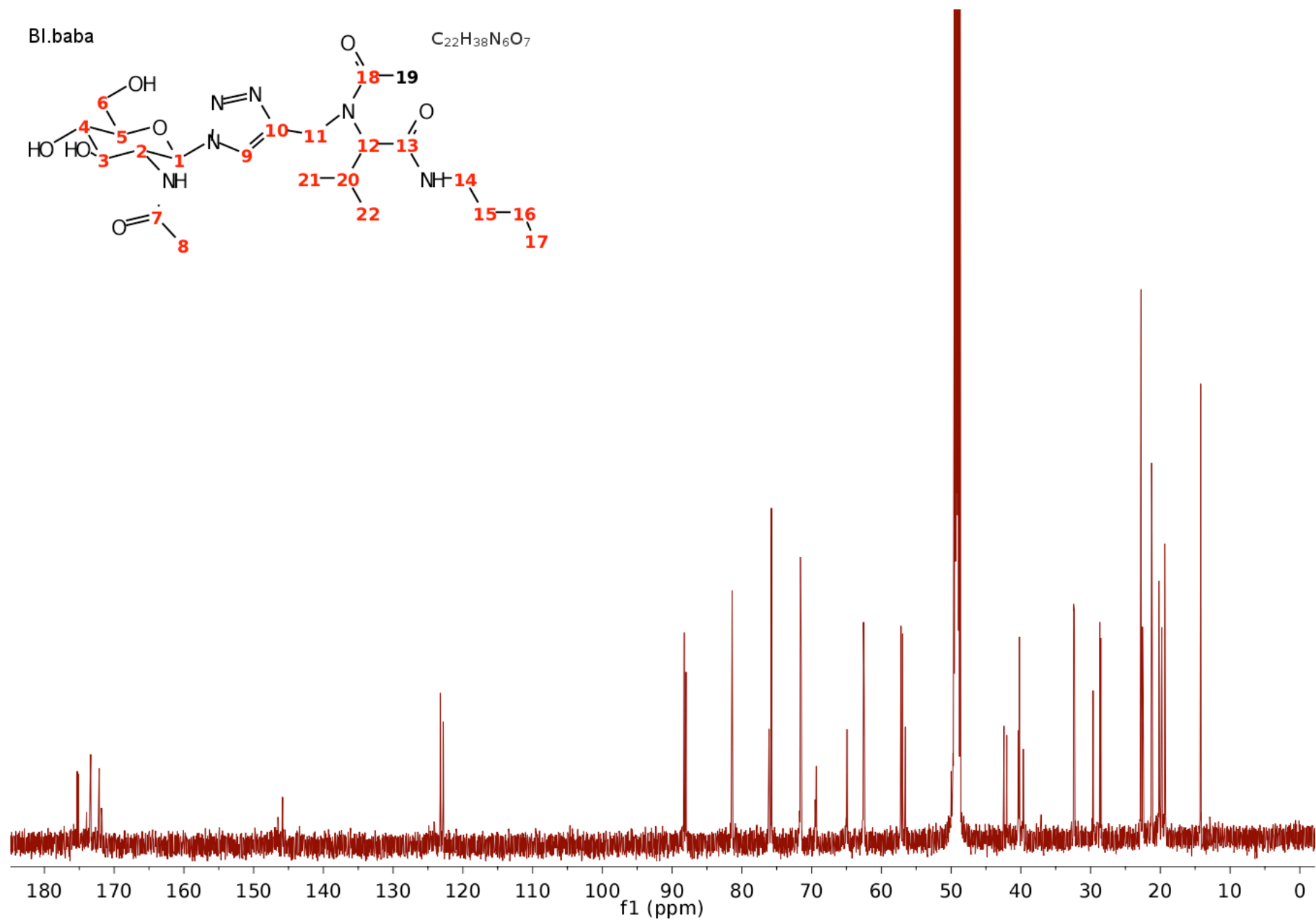
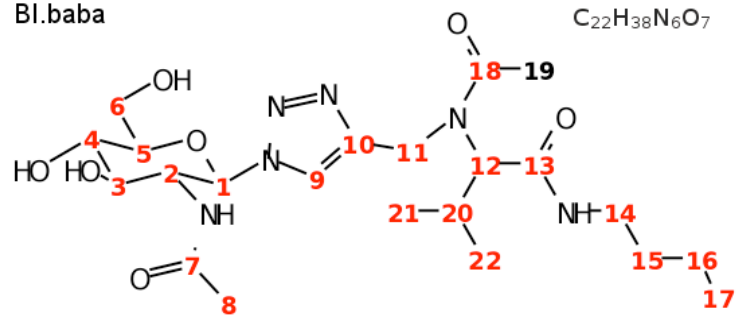


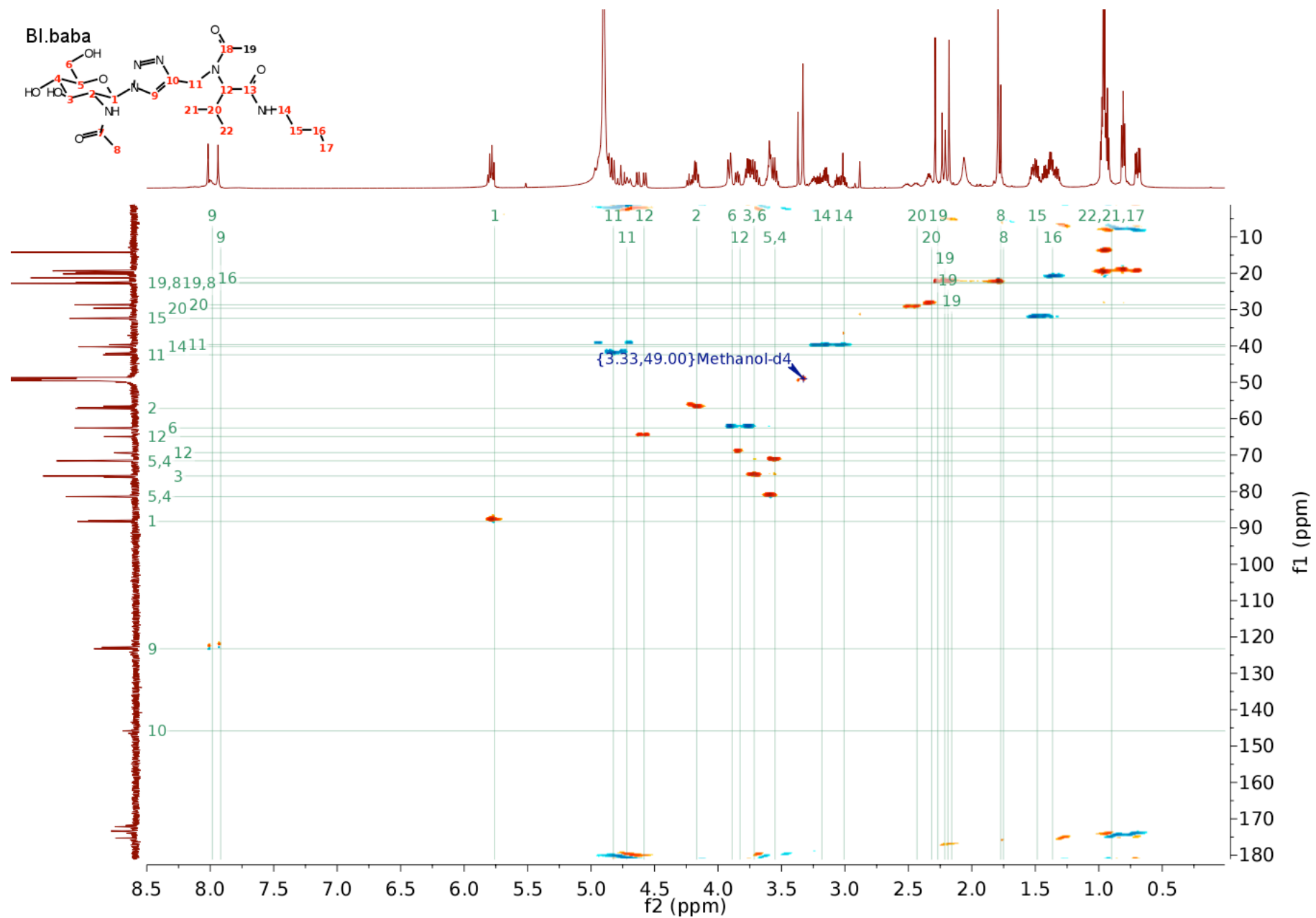
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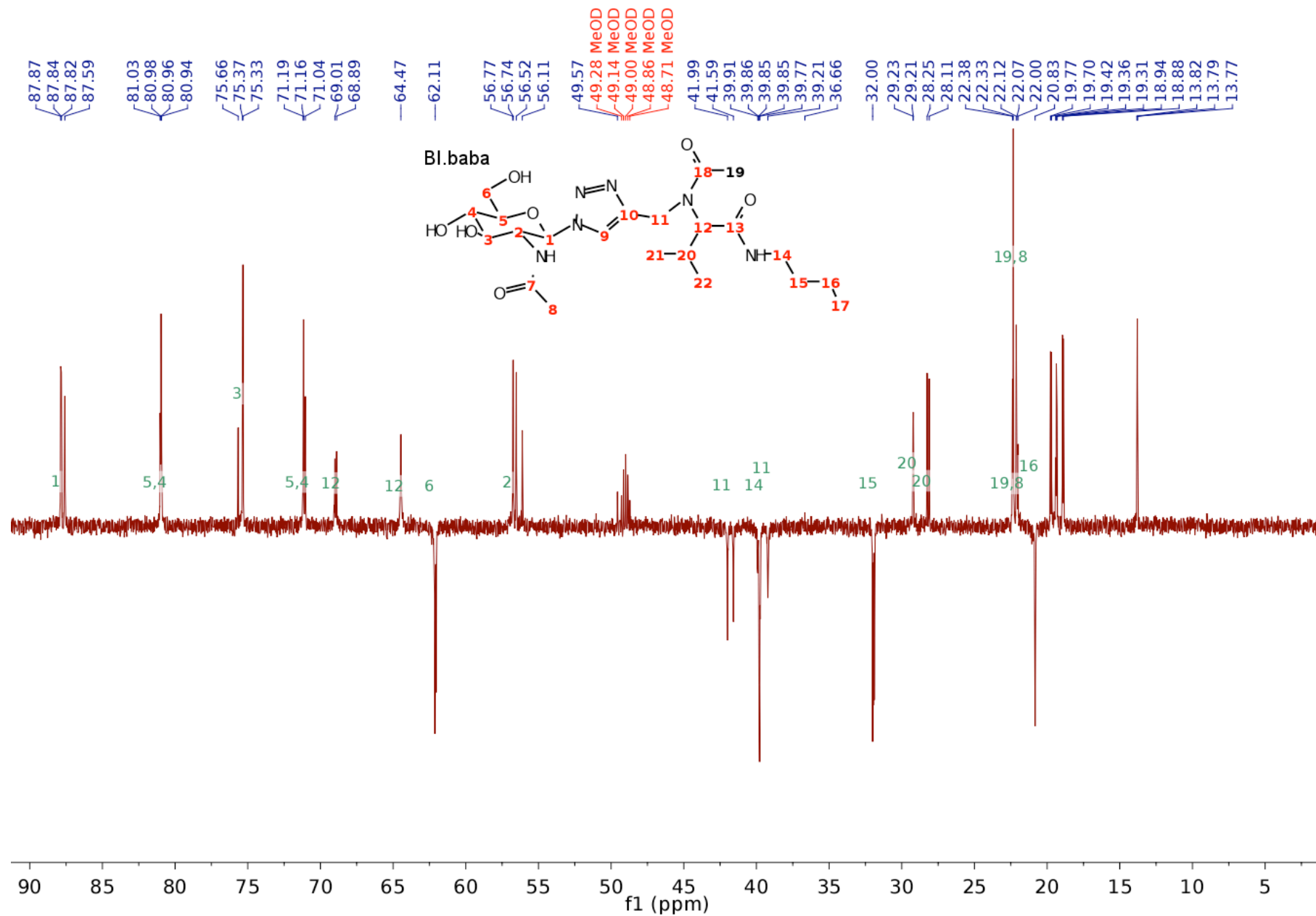
Bl.baba

C<sub>22</sub>H<sub>38</sub>N<sub>6</sub>O<sub>7</sub>

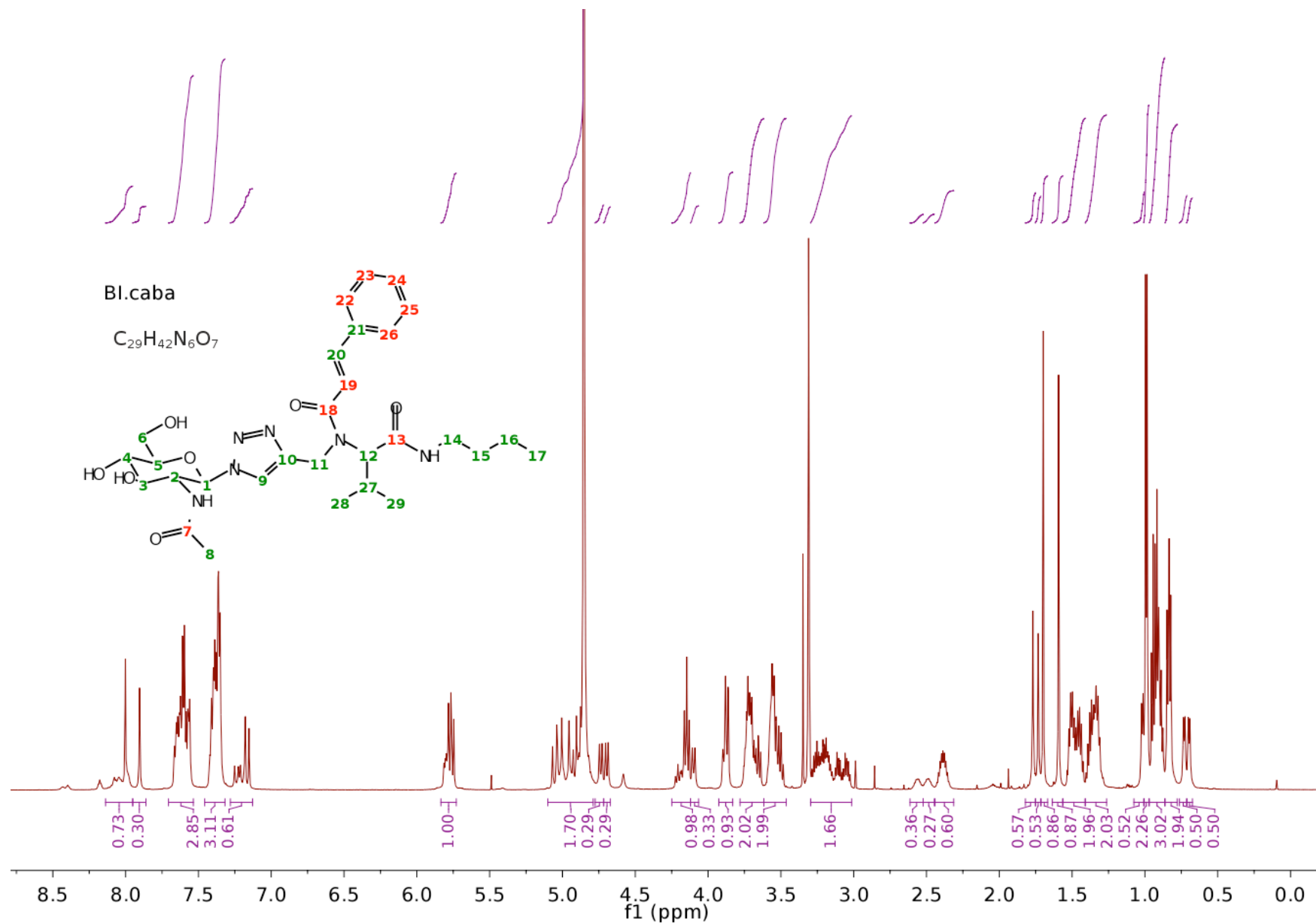




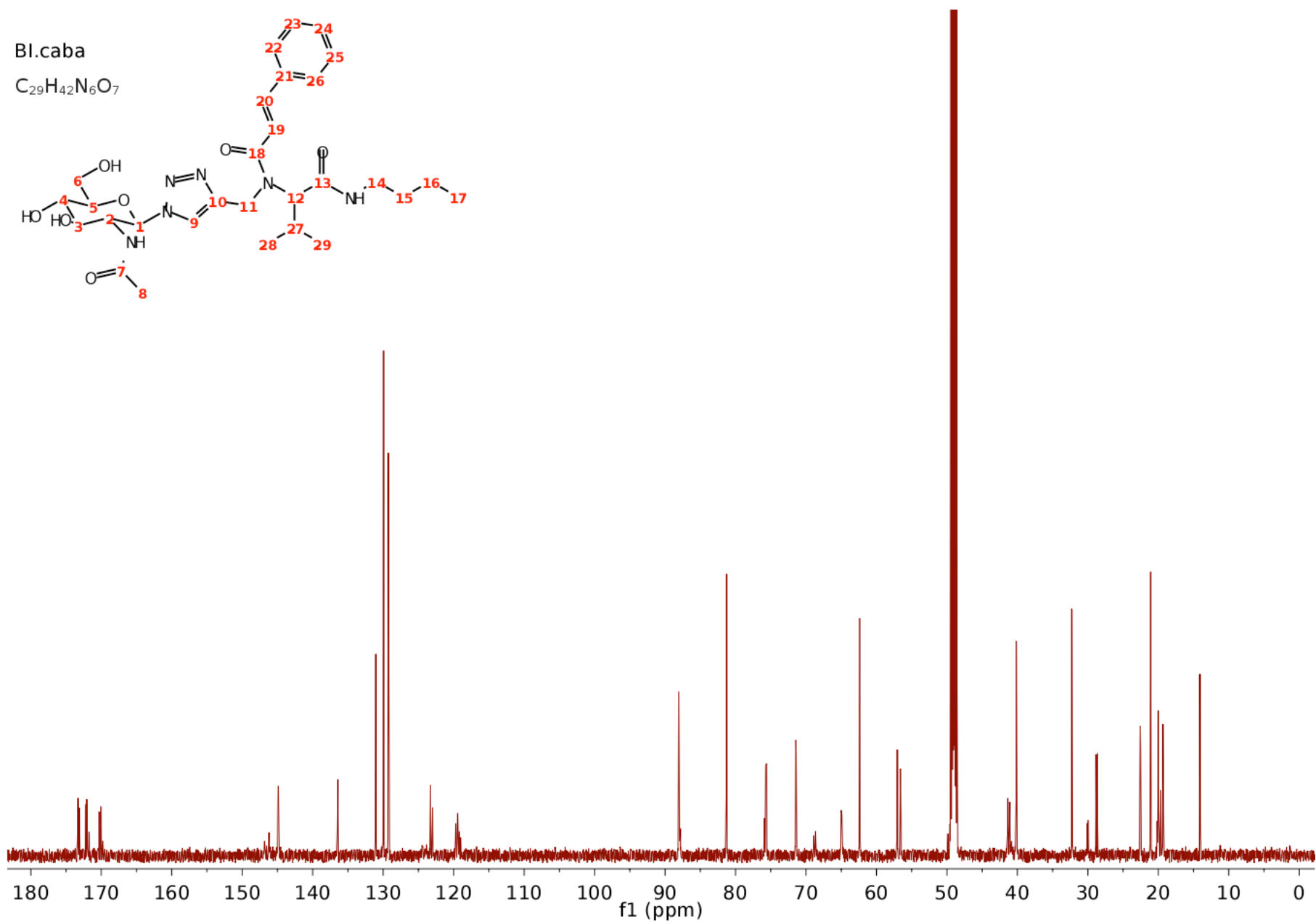
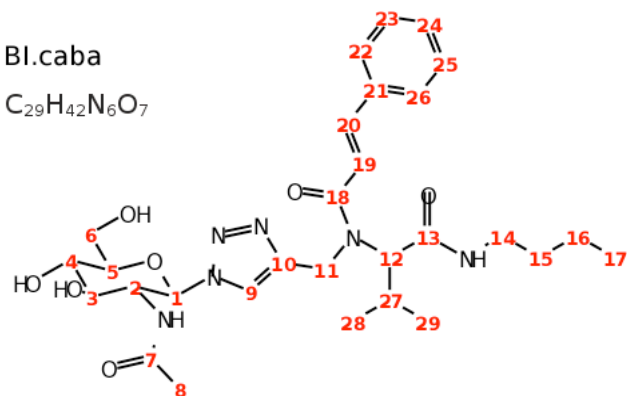




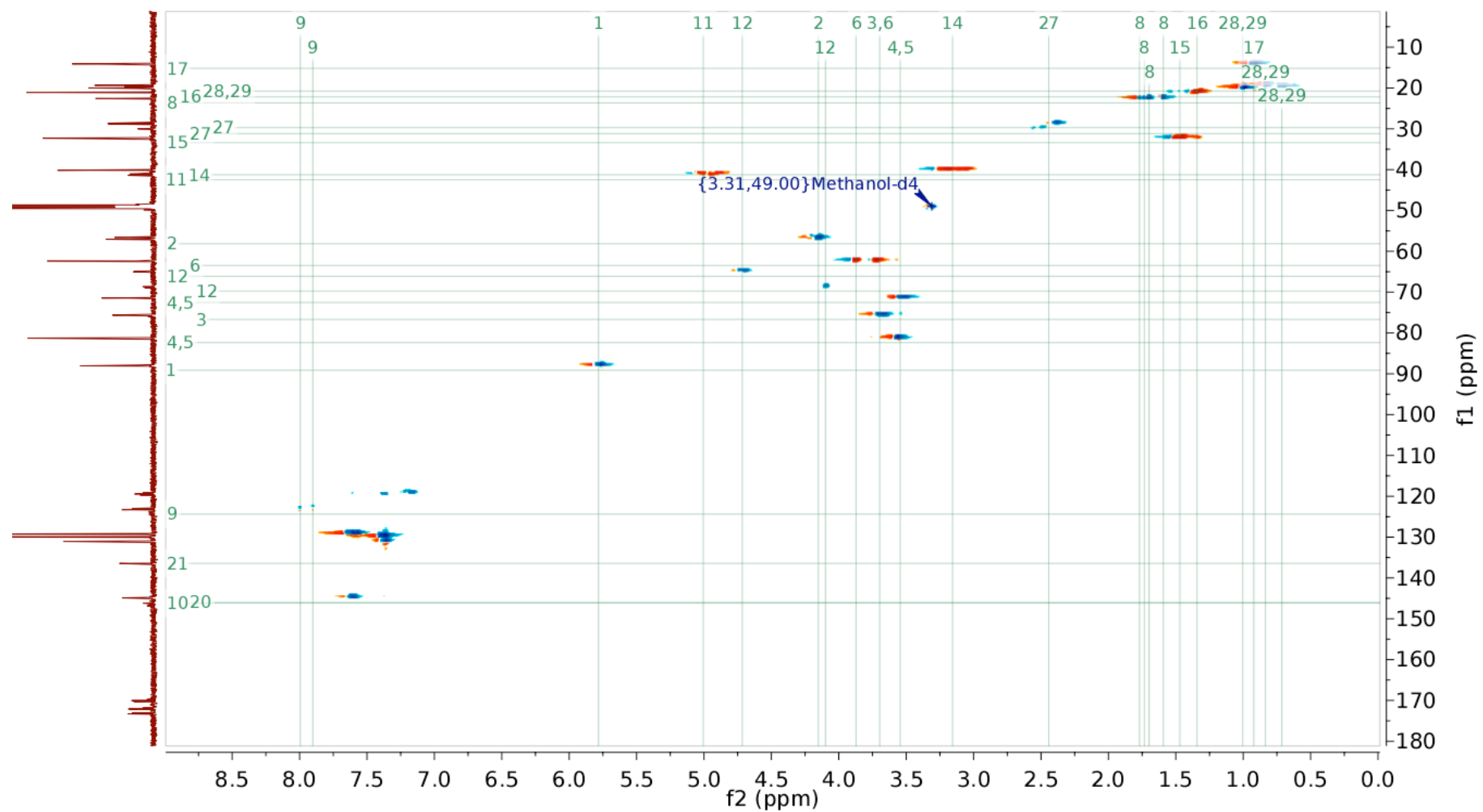
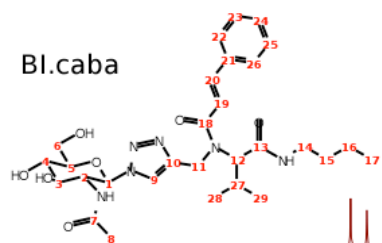
# Bl.caba

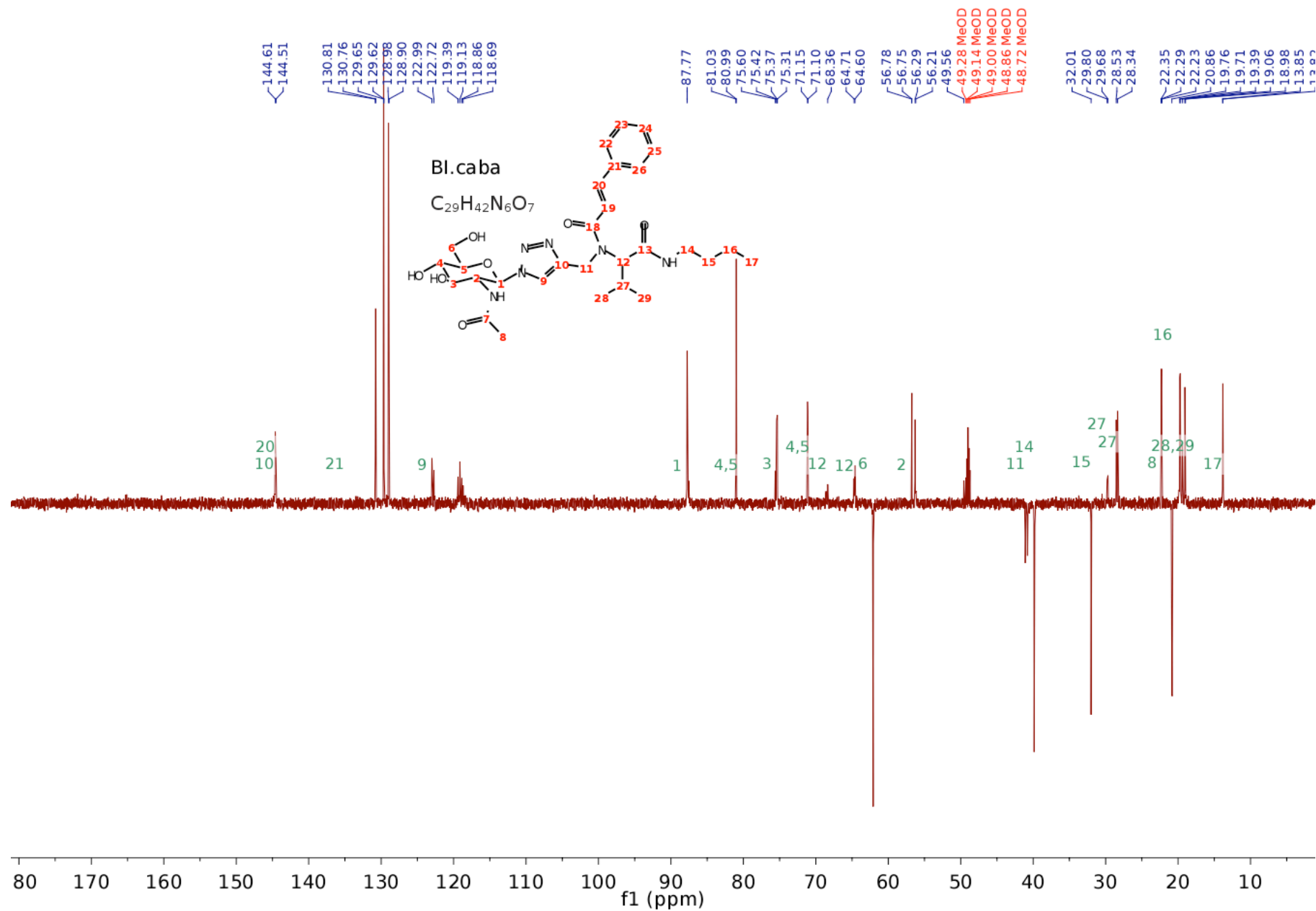




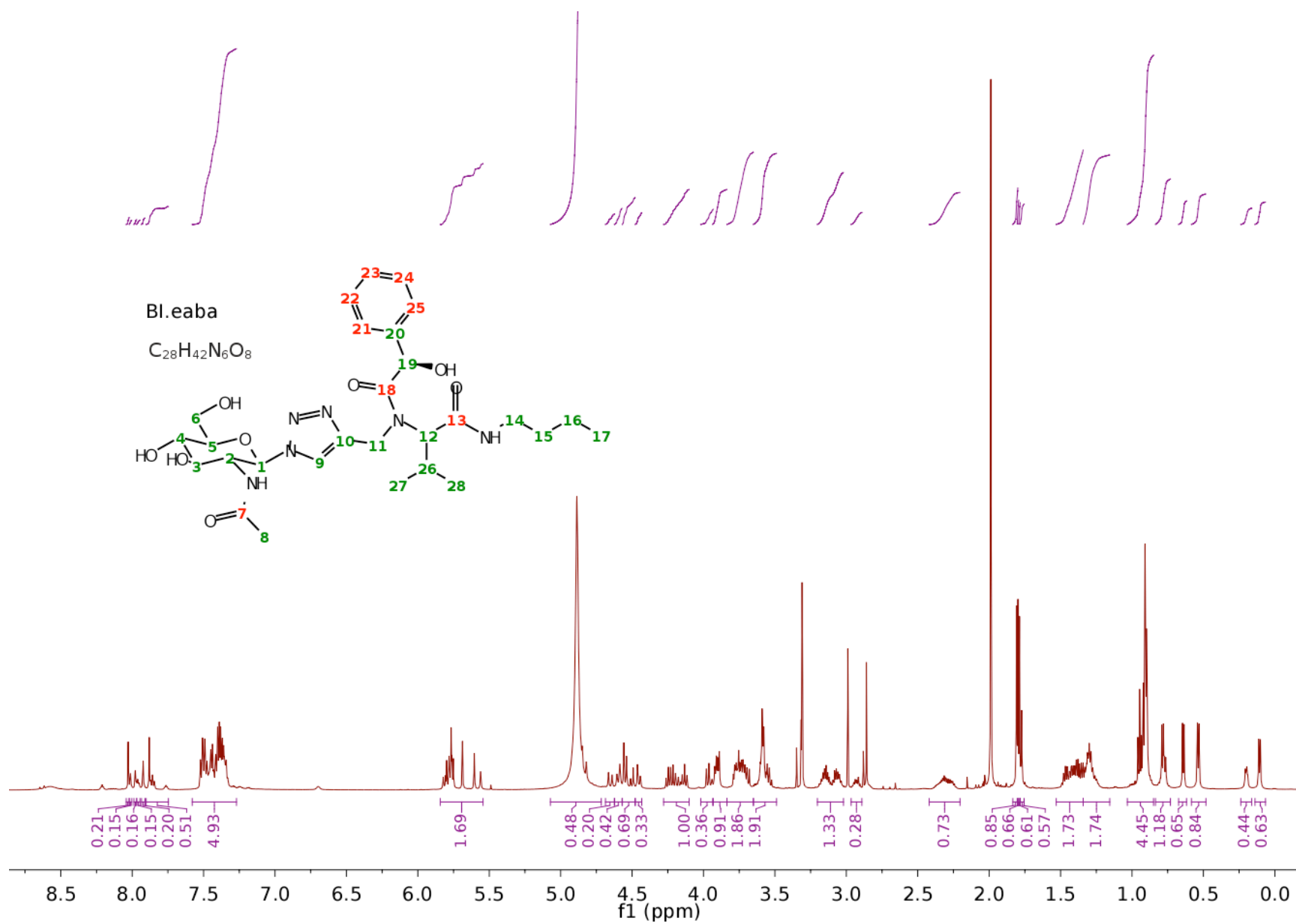
$$\text{C}_{29}\text{H}_{42}\text{N}_6\text{O}_7$$


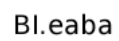
Bl.caba





# Bl.eaba

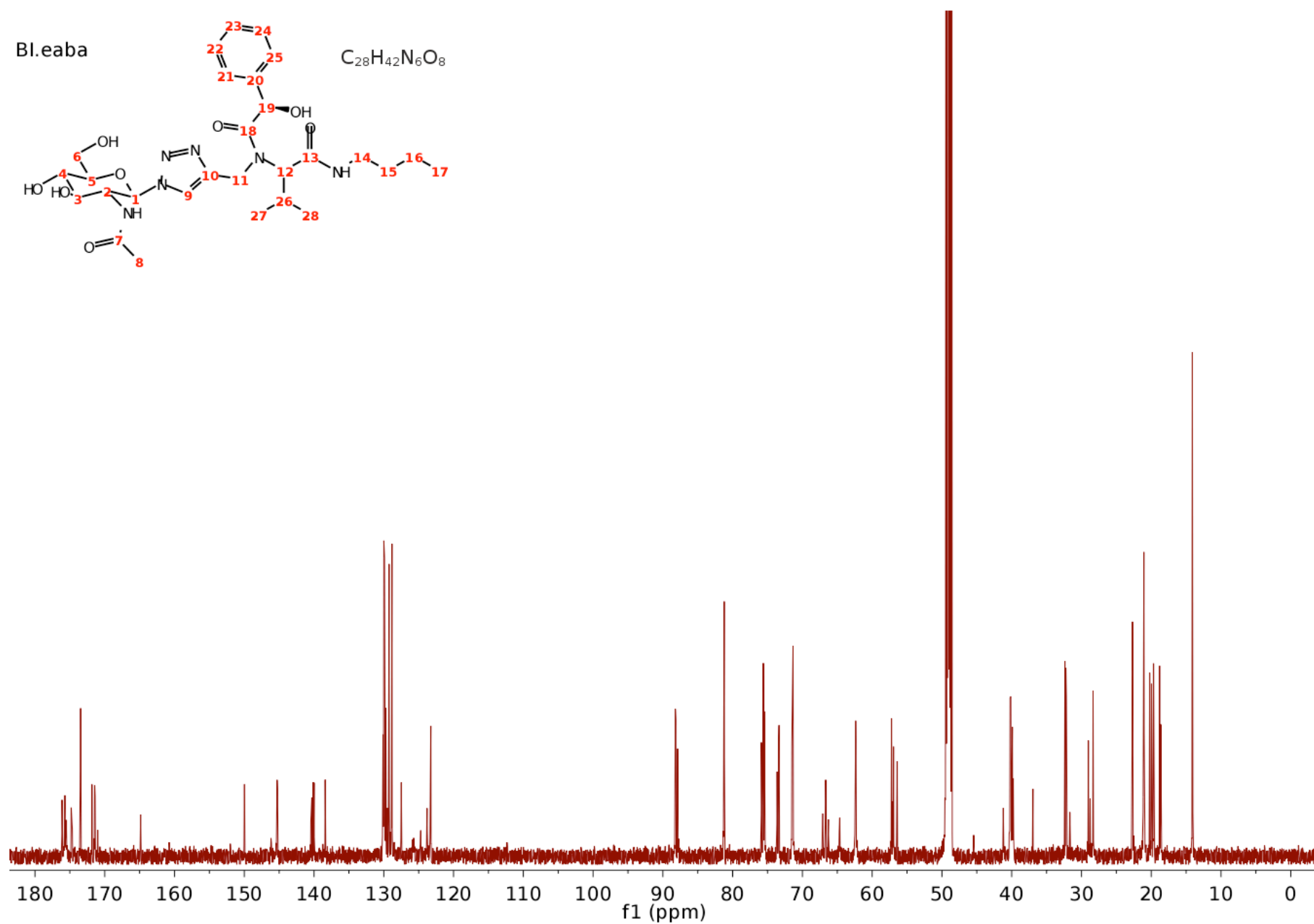
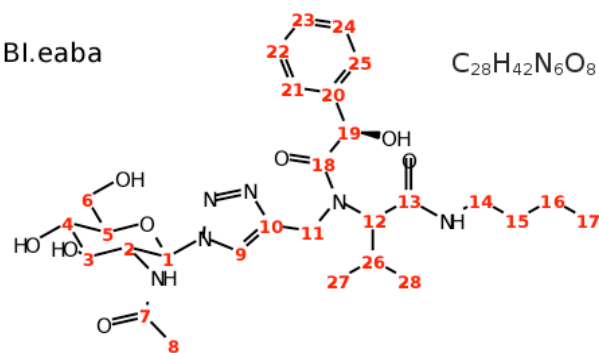




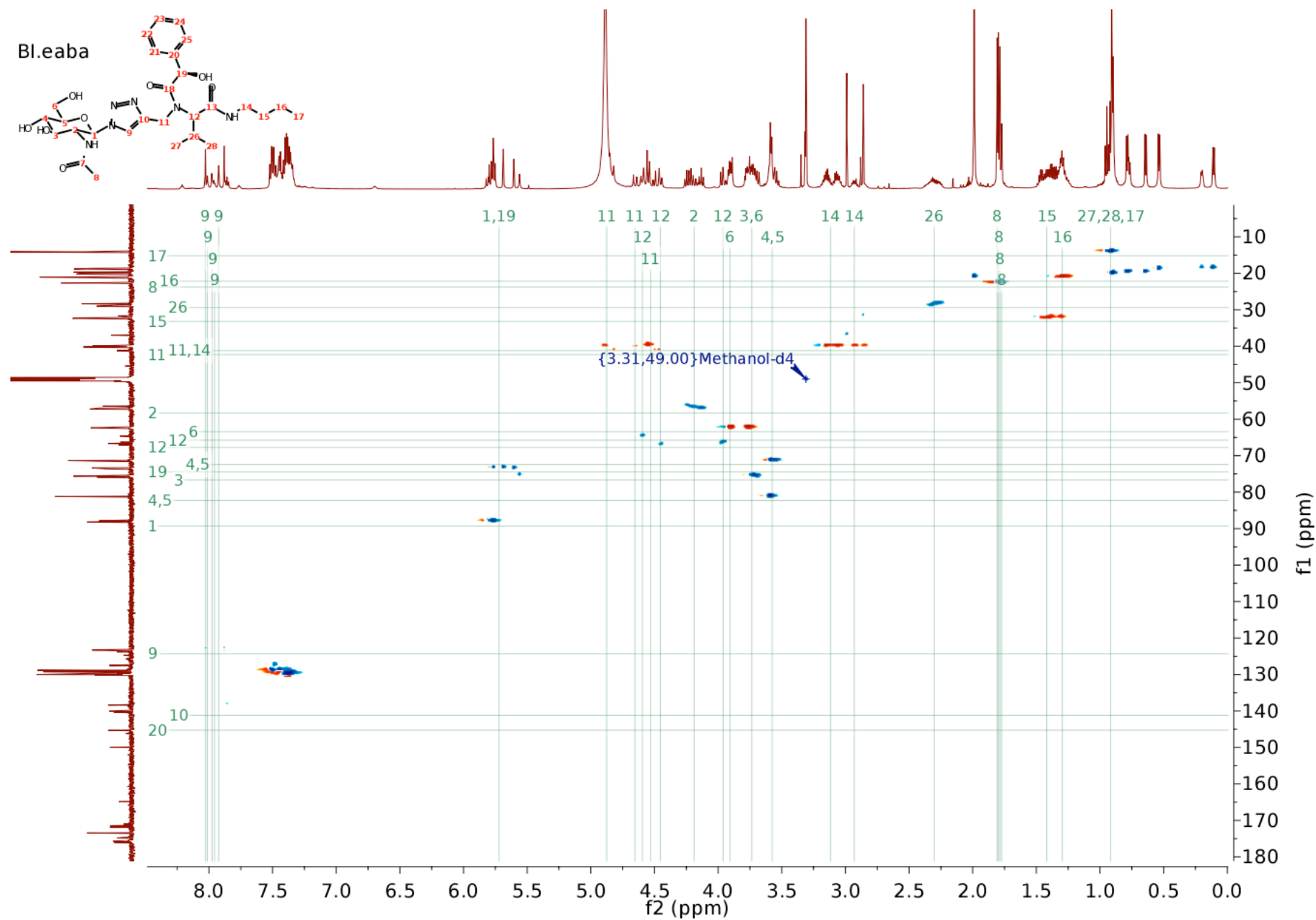
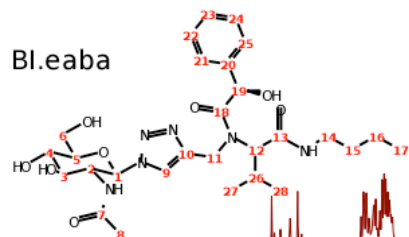


Bl.eaba

$C_{28}H_{42}N_6O_8$

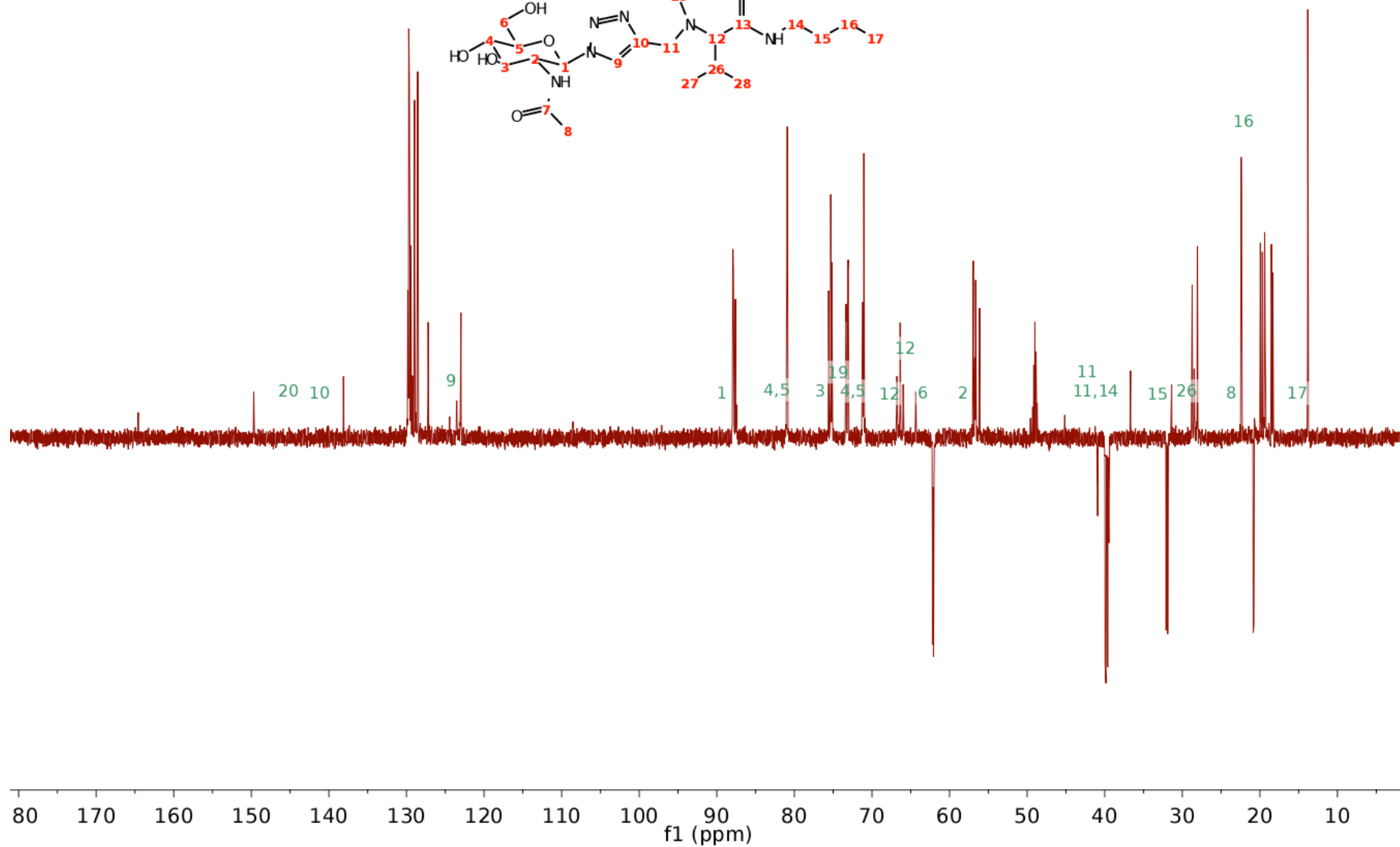
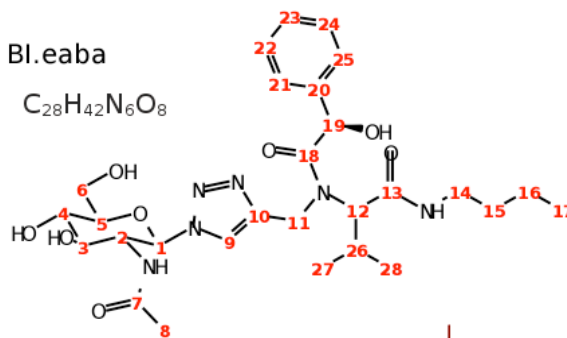


Bl.eaba

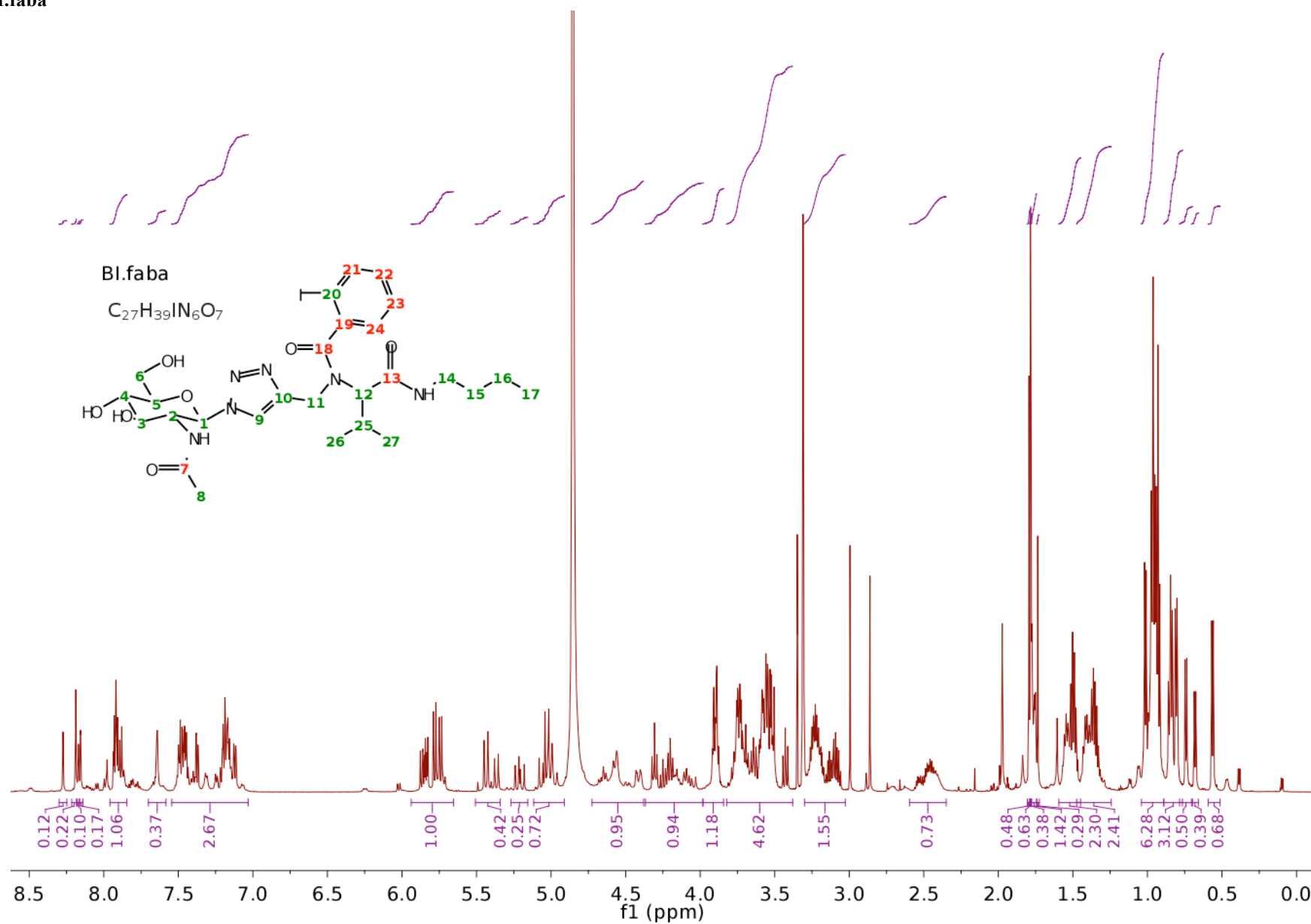


Bl.eaba

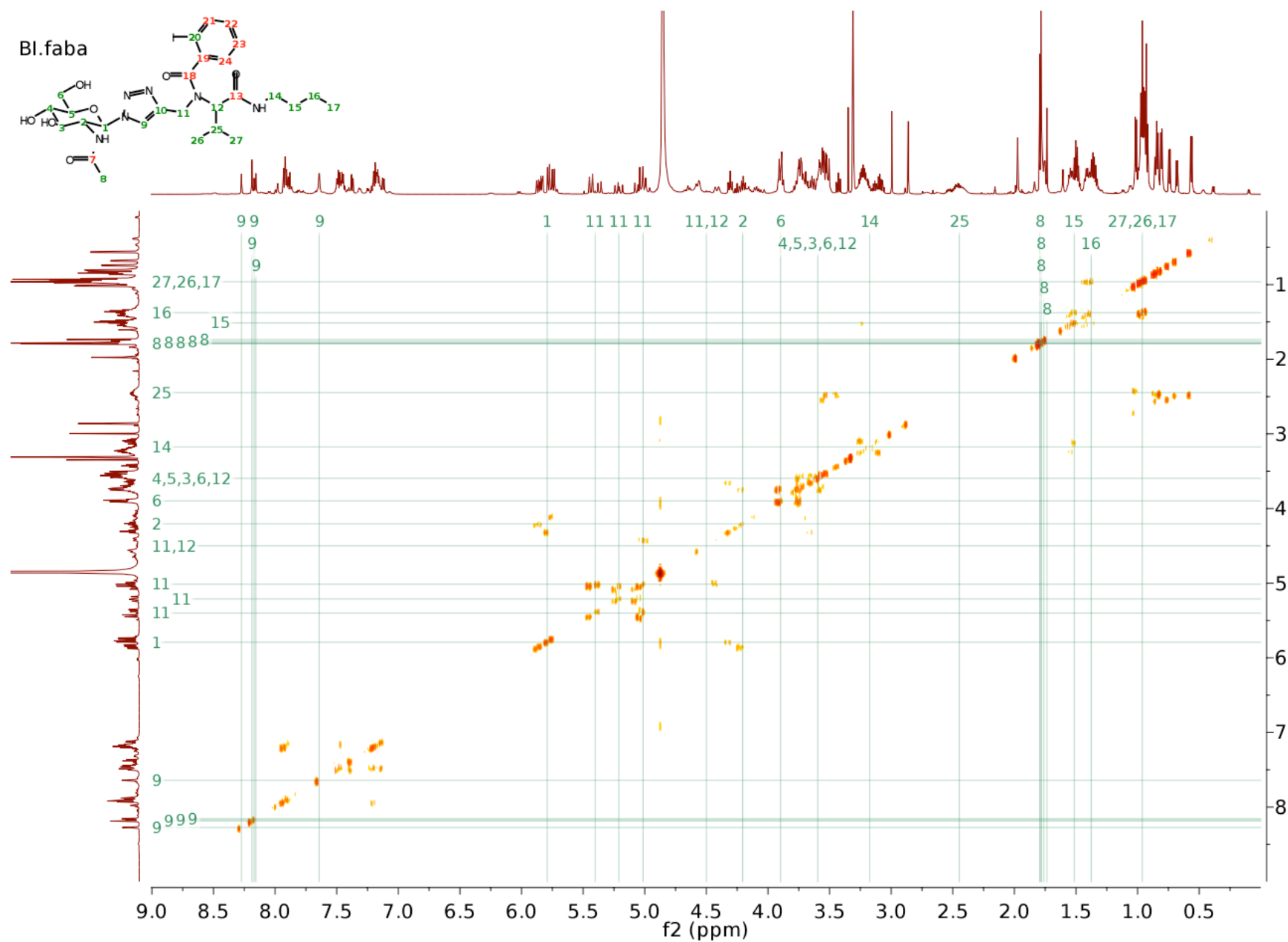
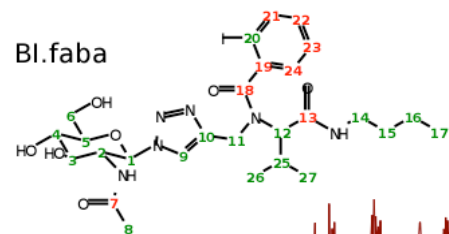
C<sub>28</sub>H<sub>42</sub>N<sub>6</sub>O<sub>8</sub>

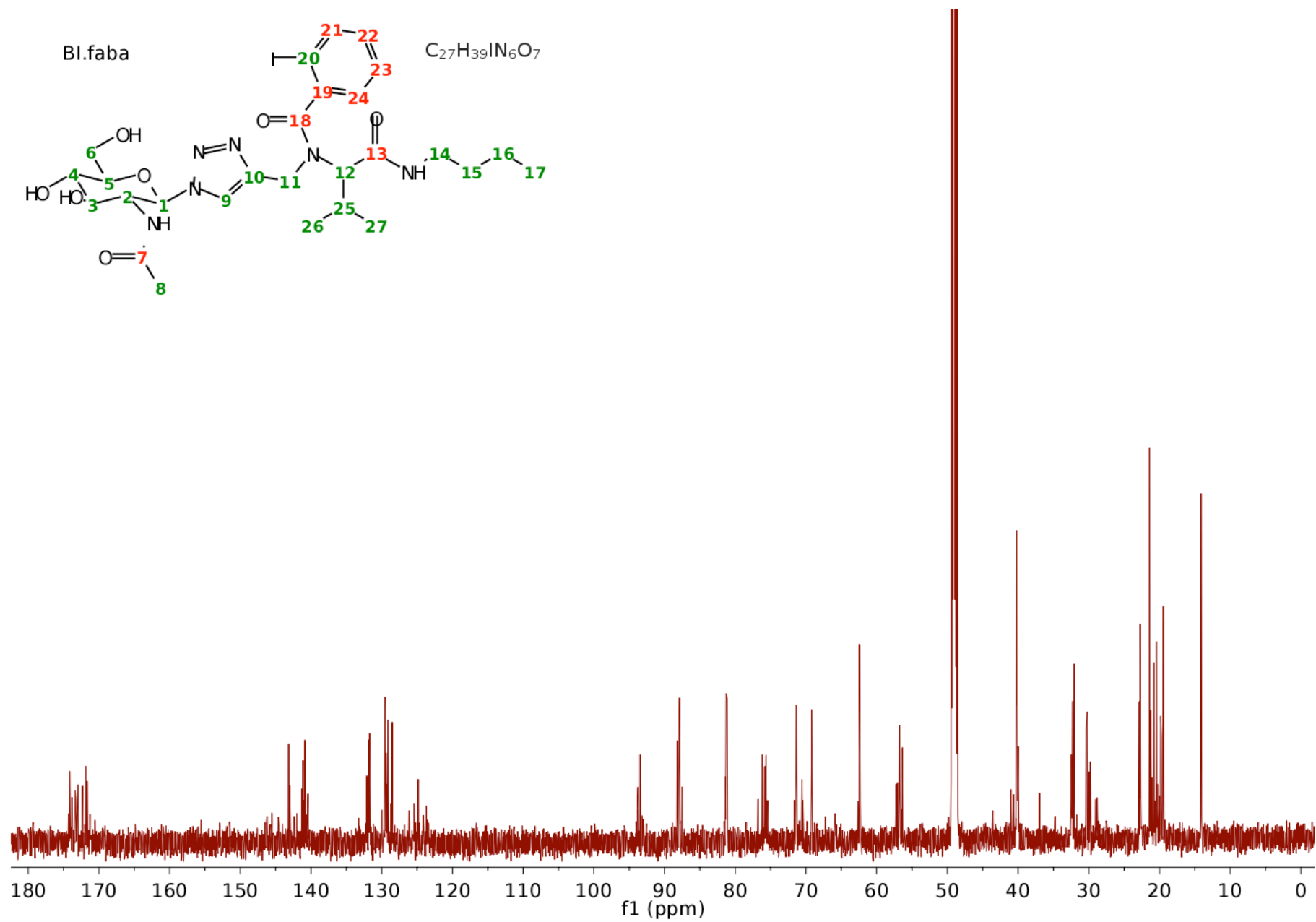


# BI.faba

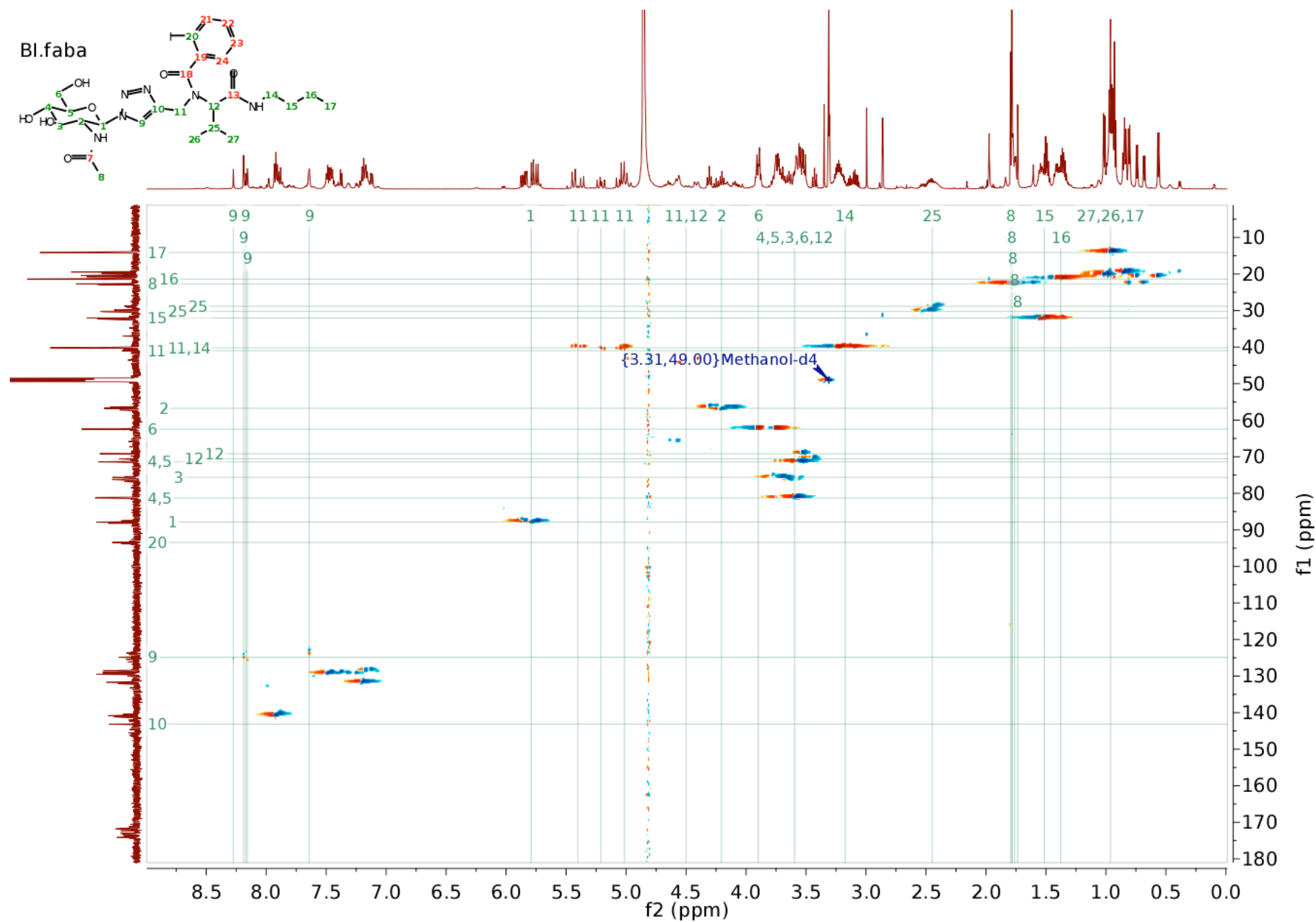
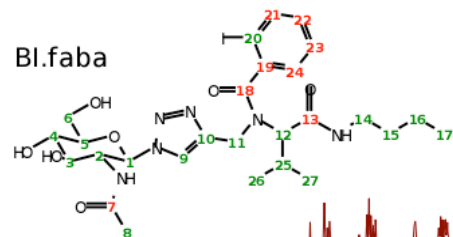


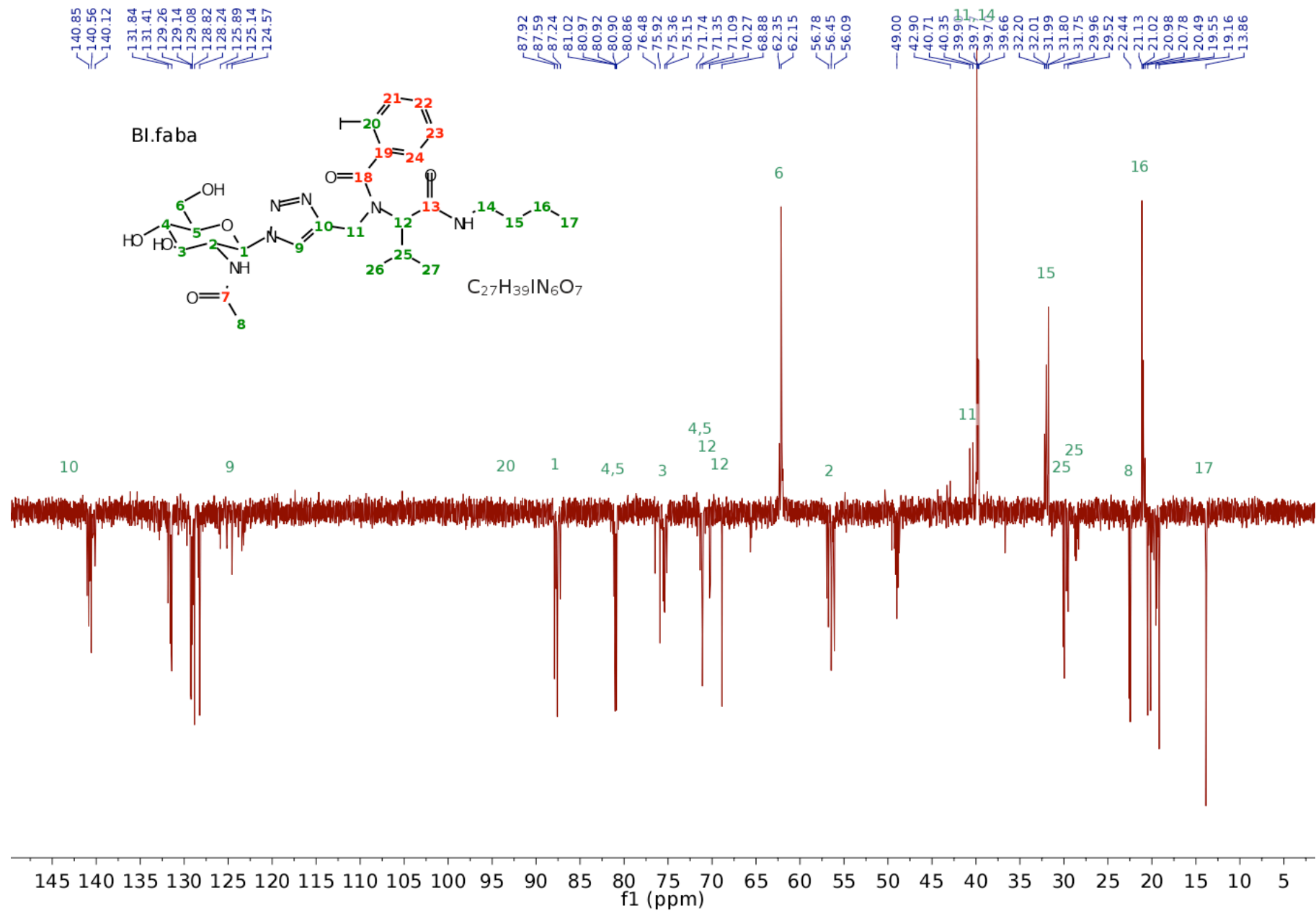
Bl.faba





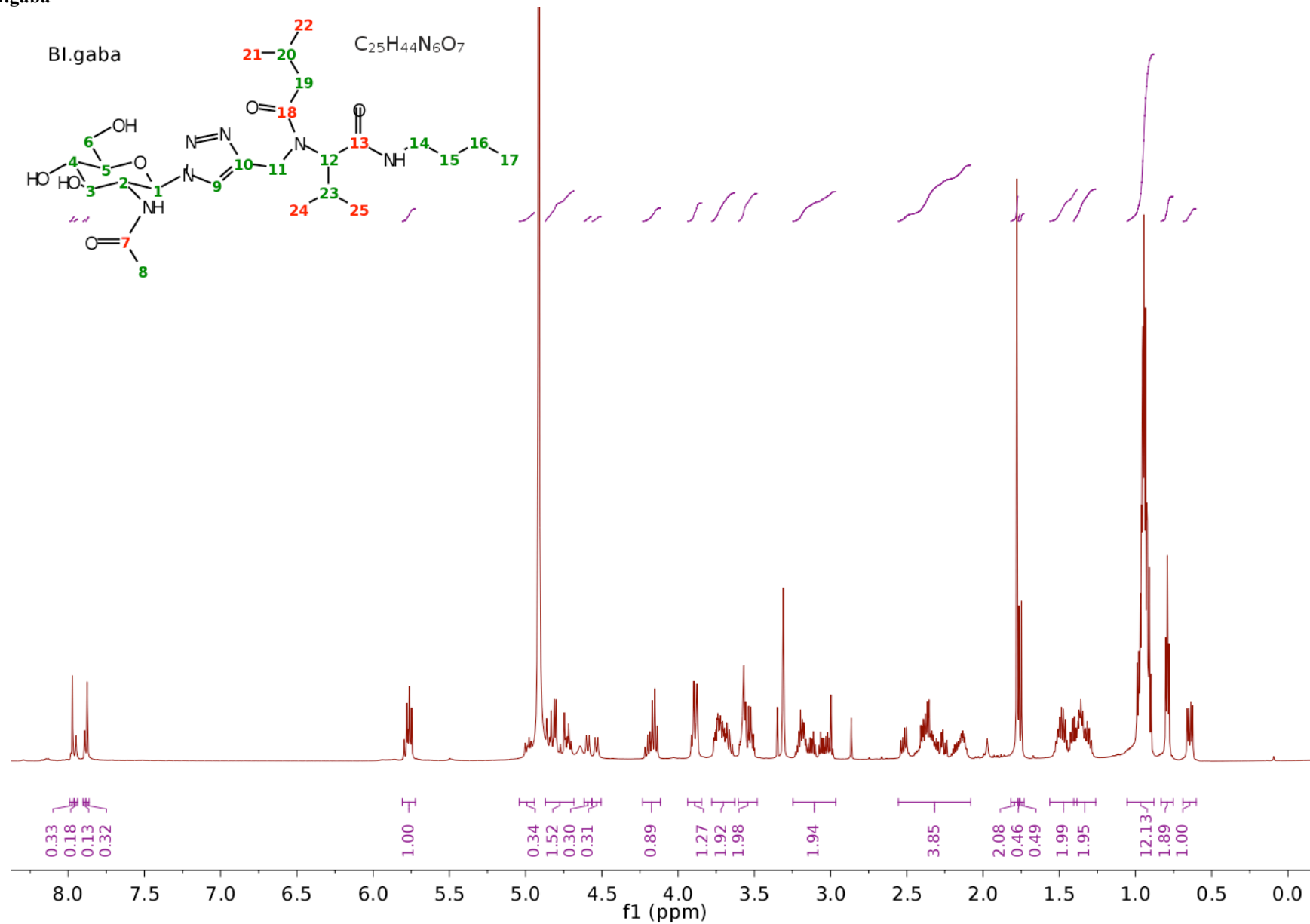
Bl.faba



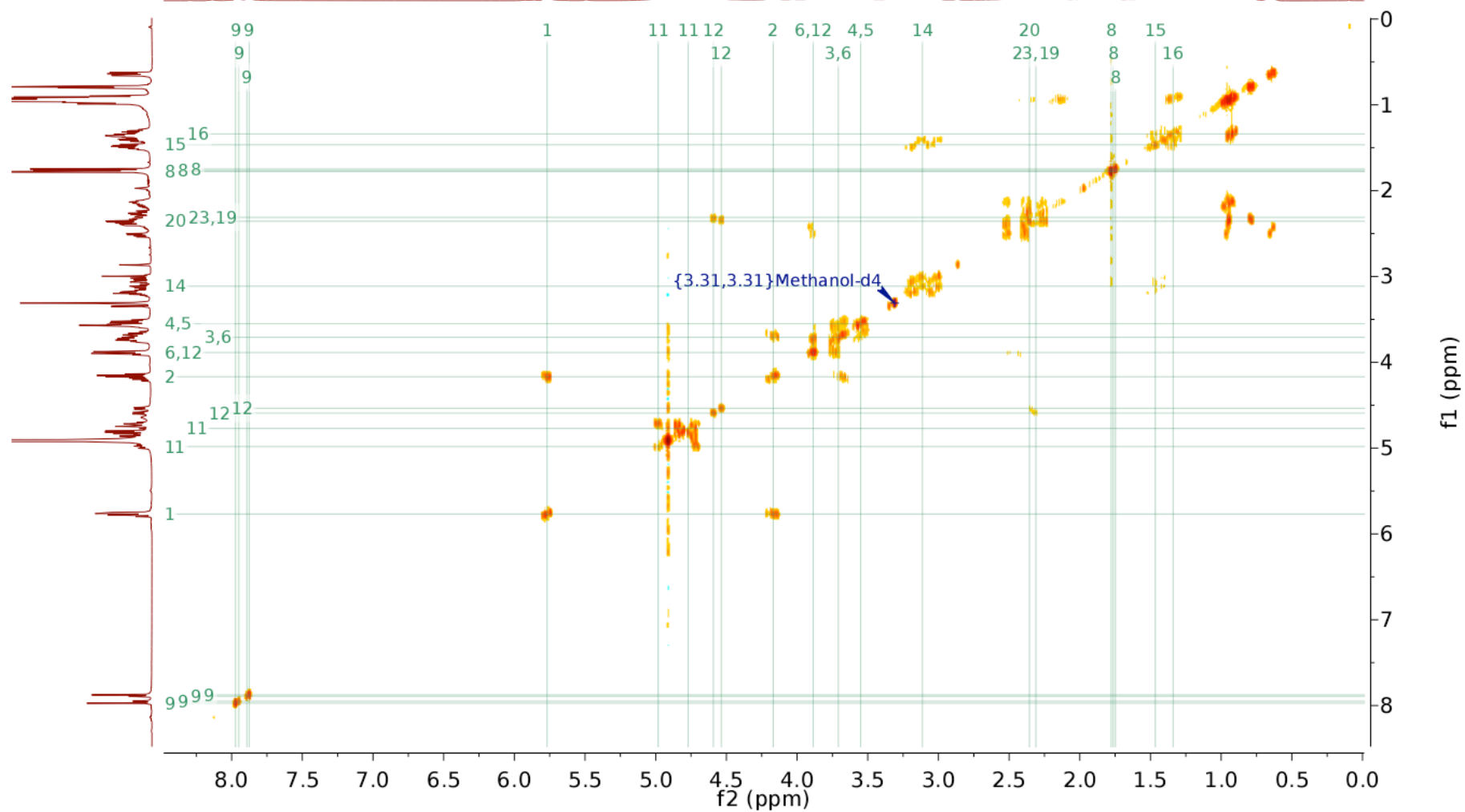
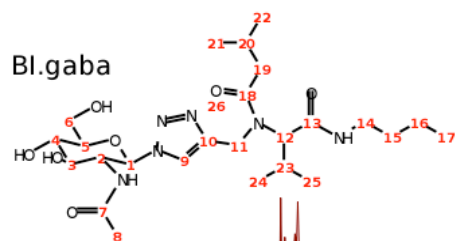


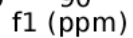


Bl.gaba

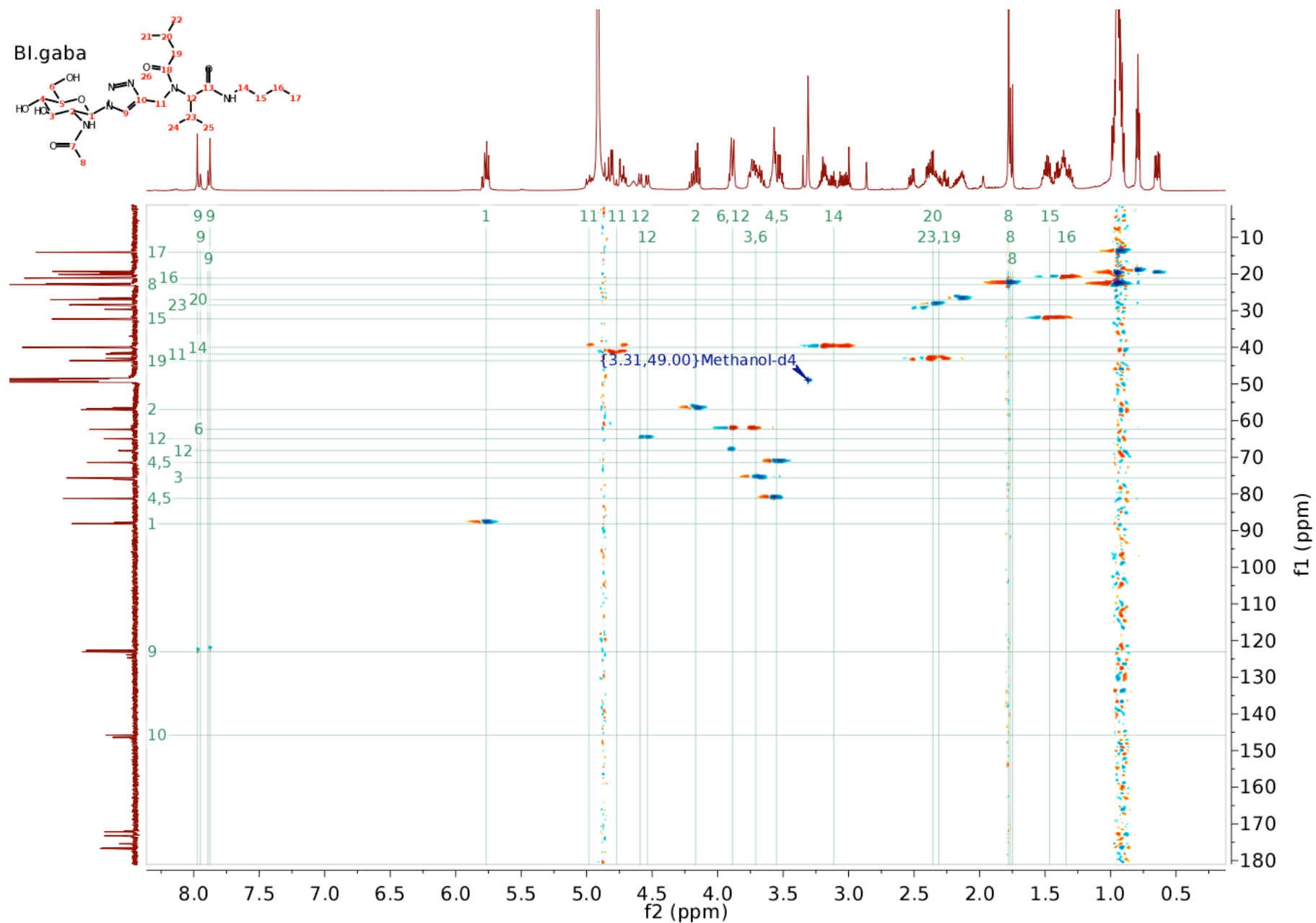
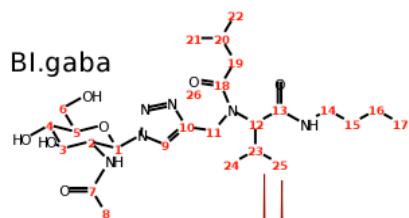


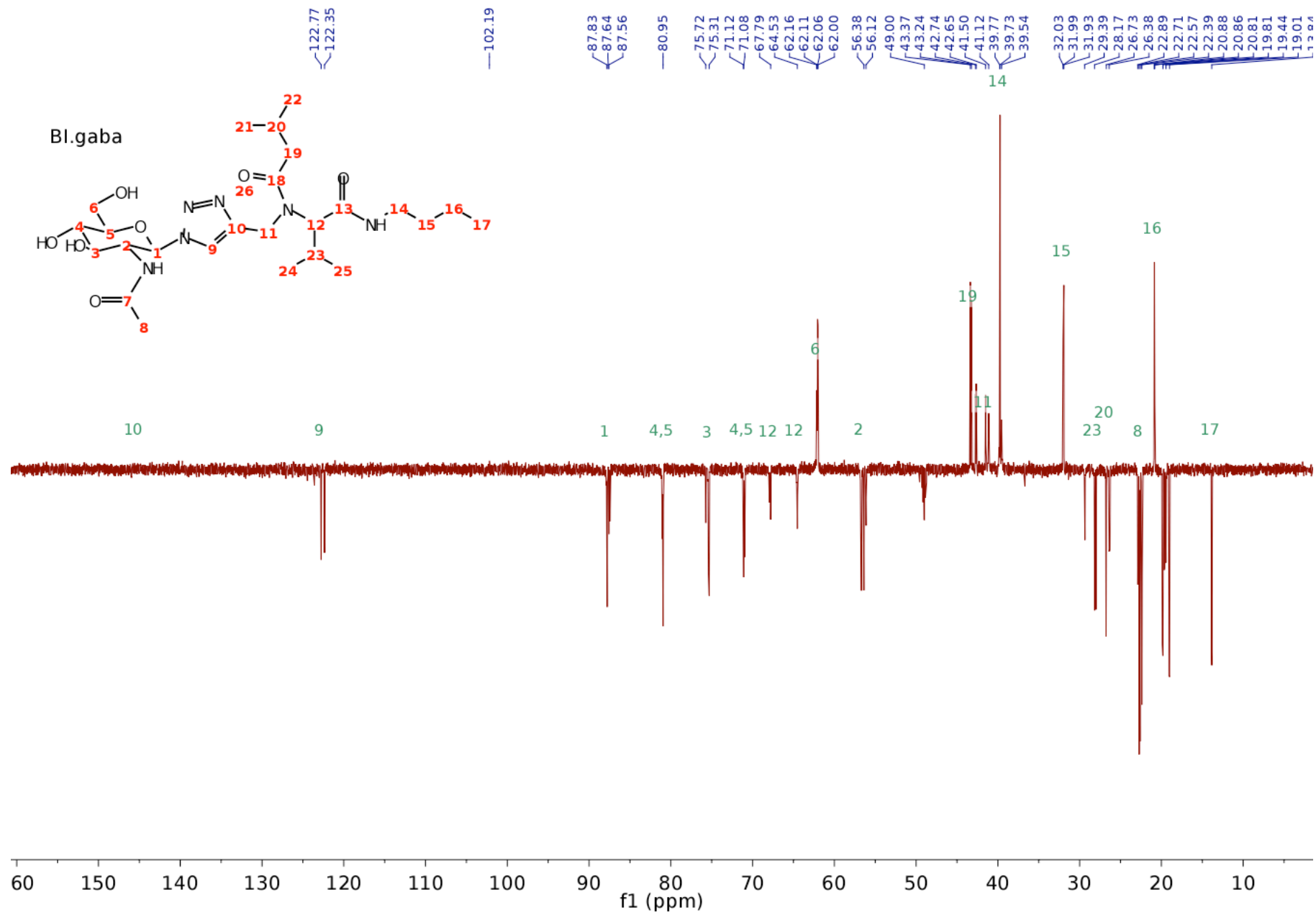
Bl.gaba



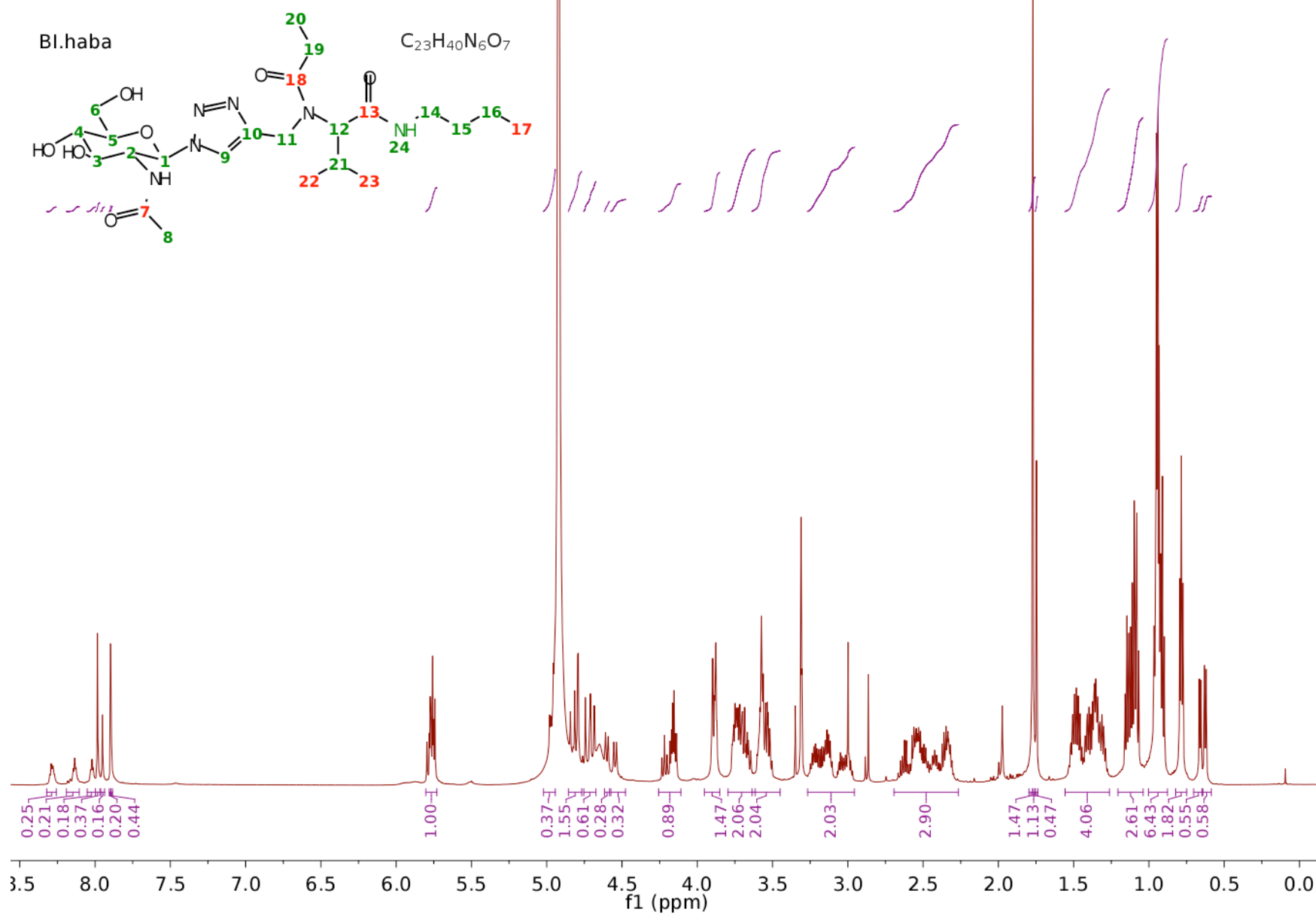


Bl.gaba

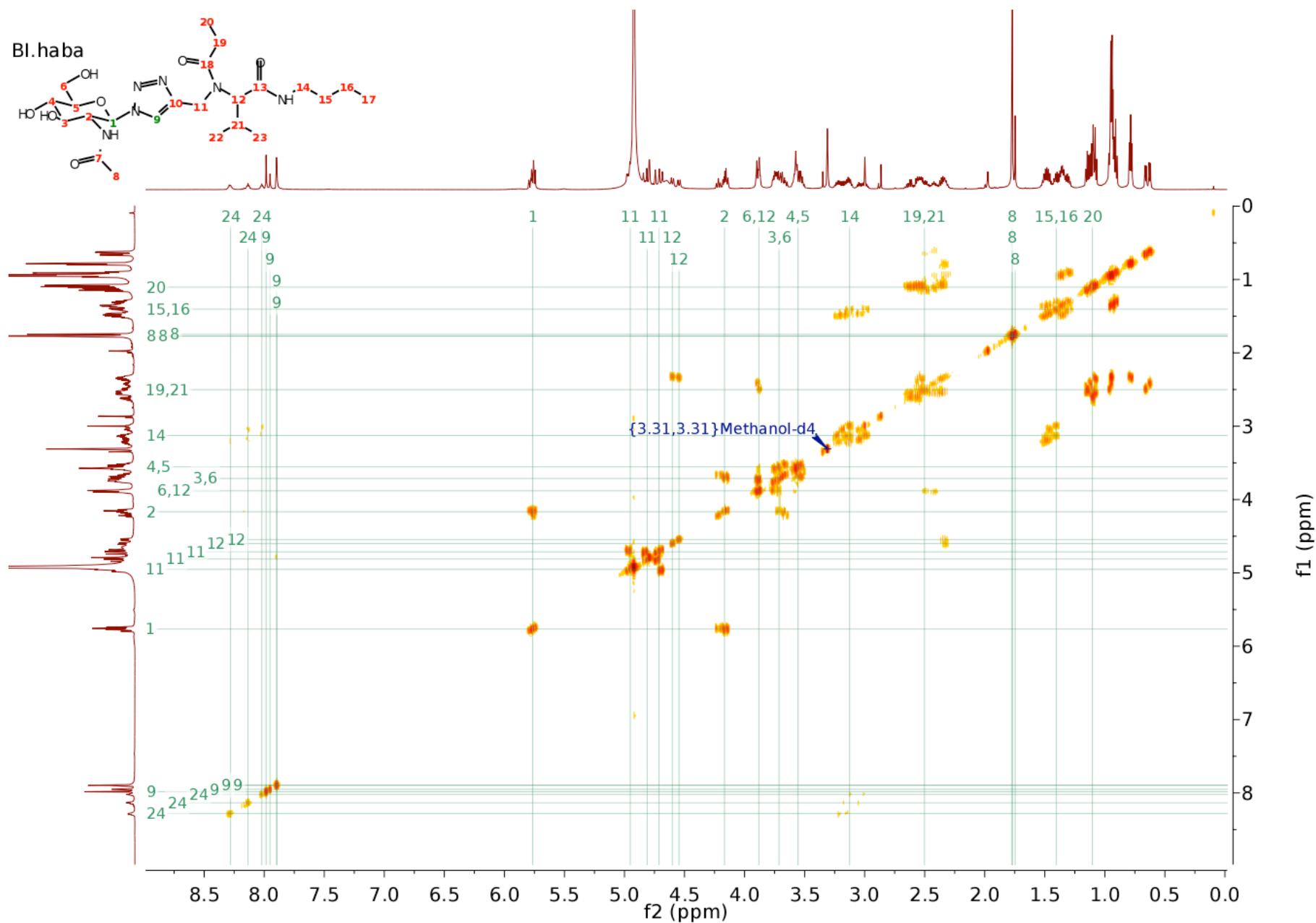
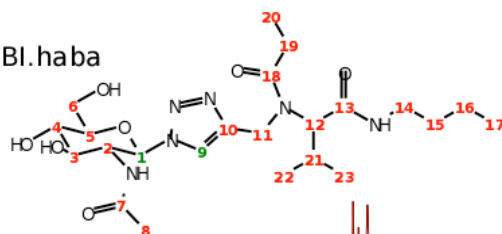


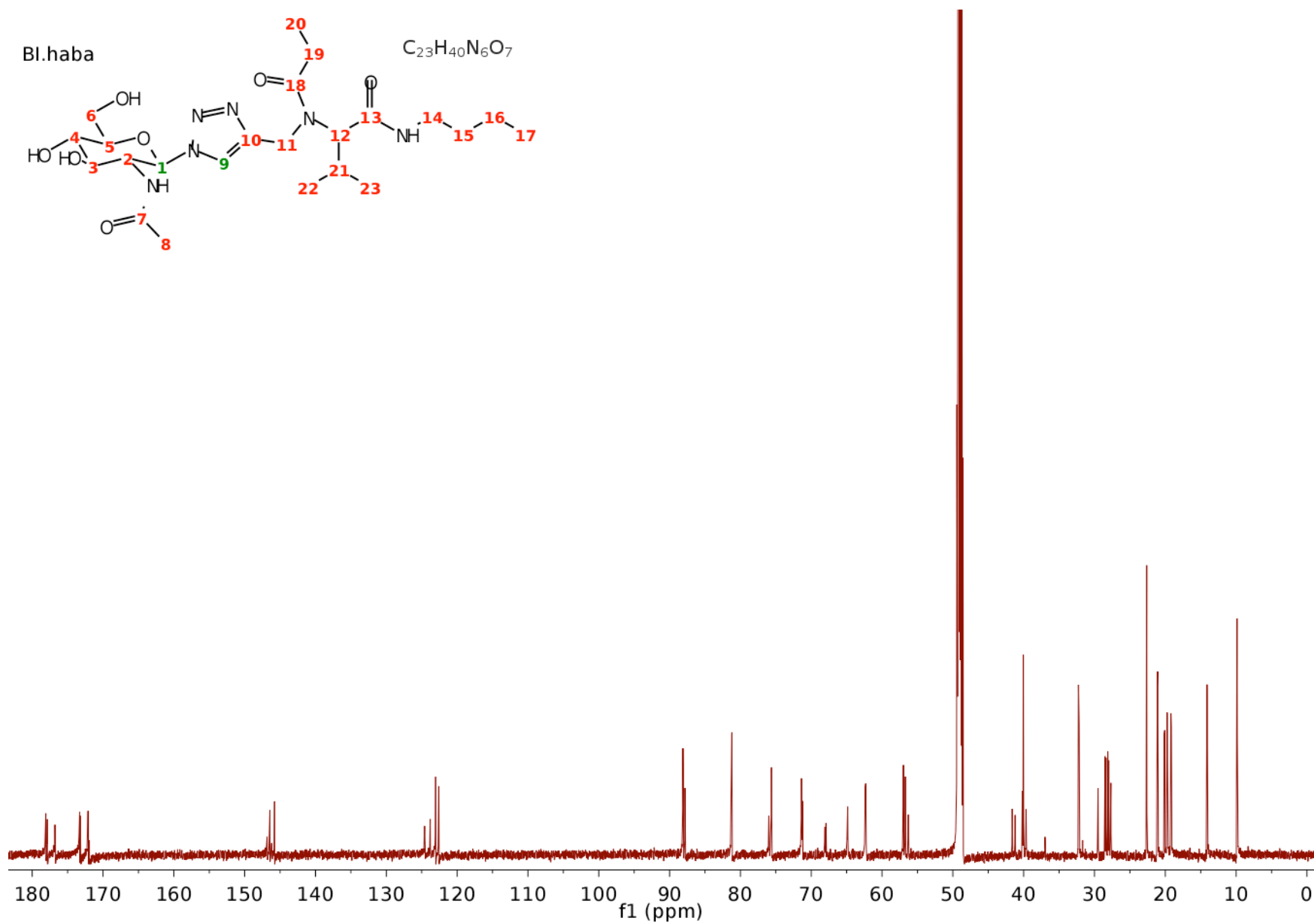
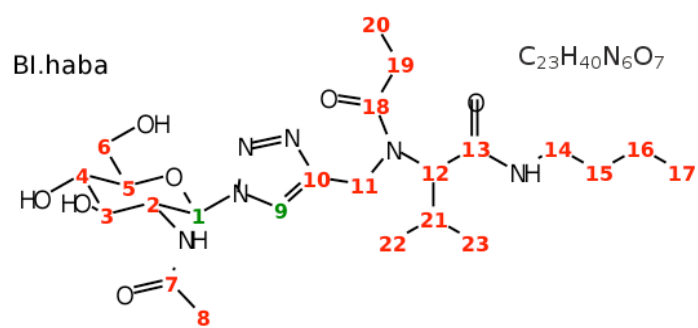


# BI.haba

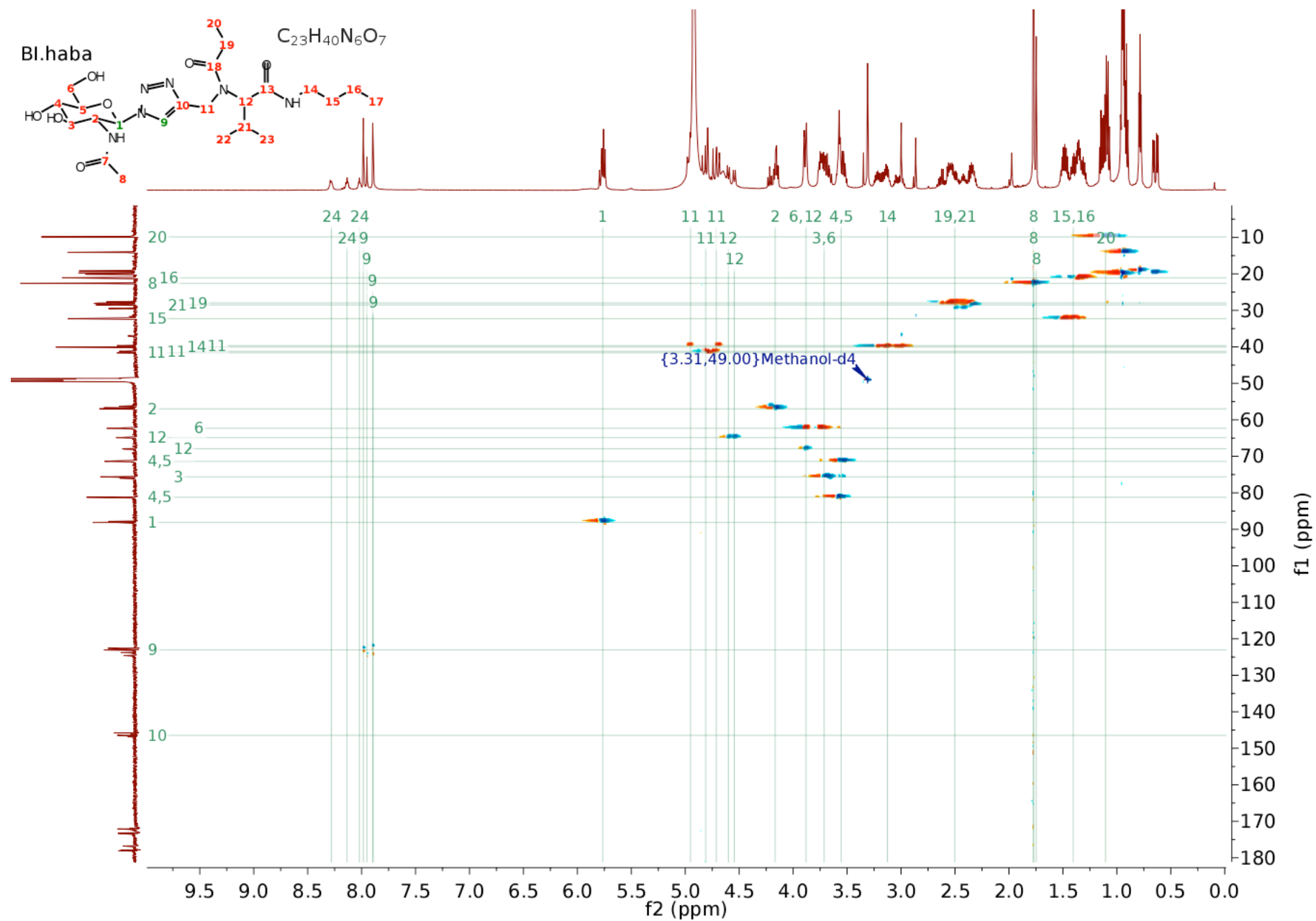
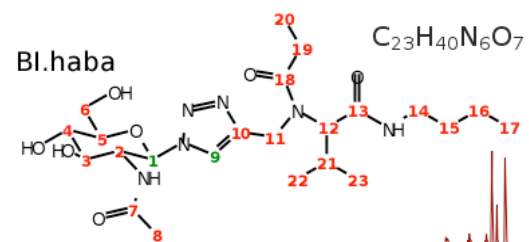


Bl.haba



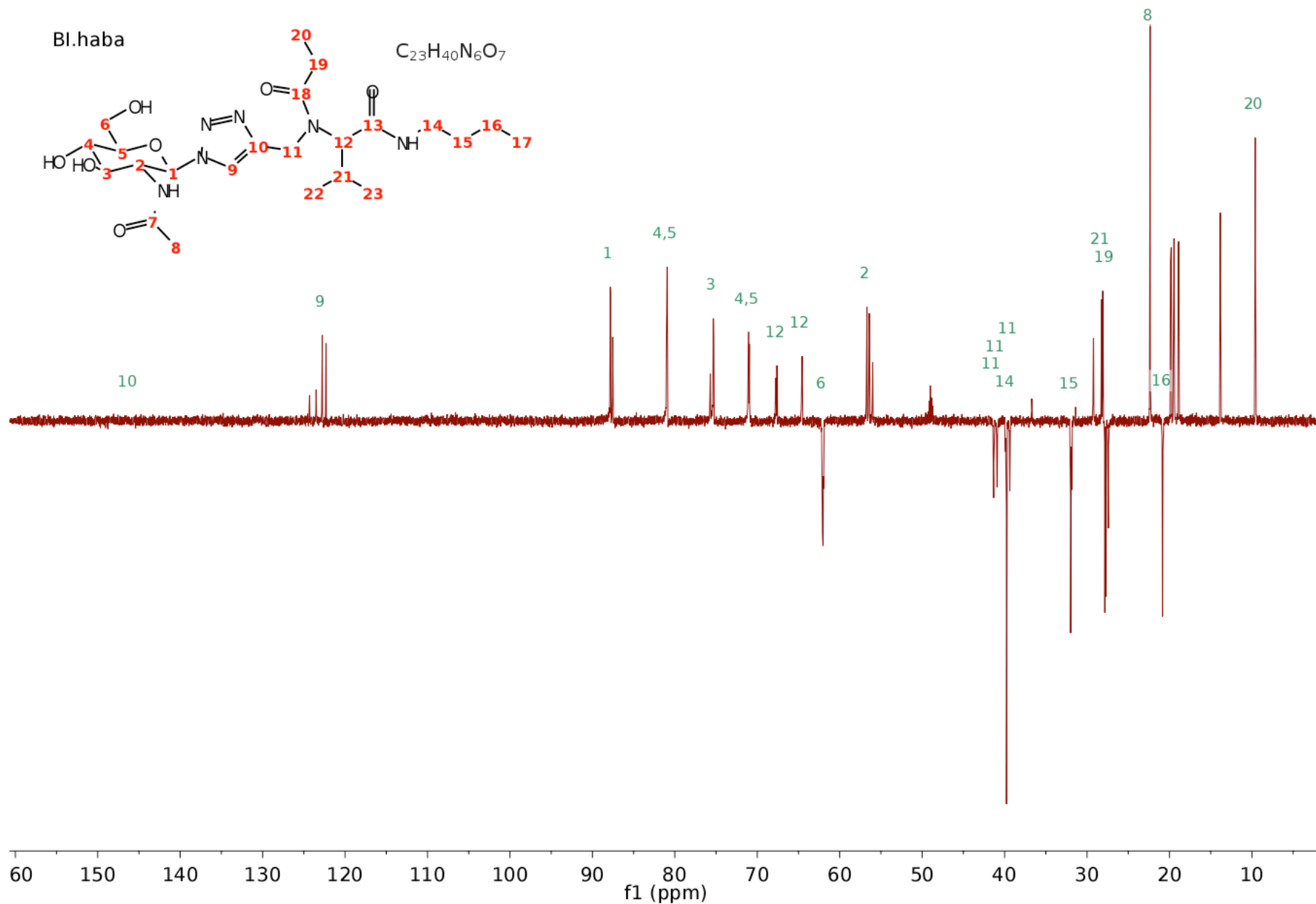
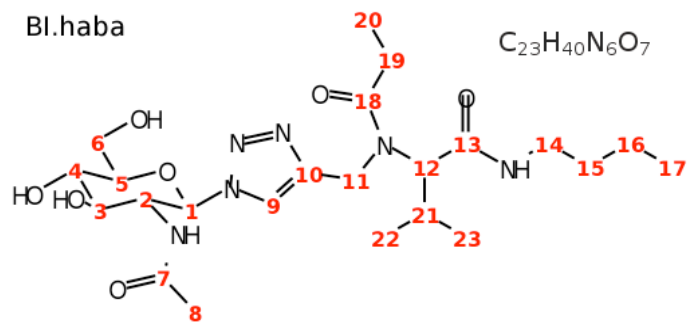




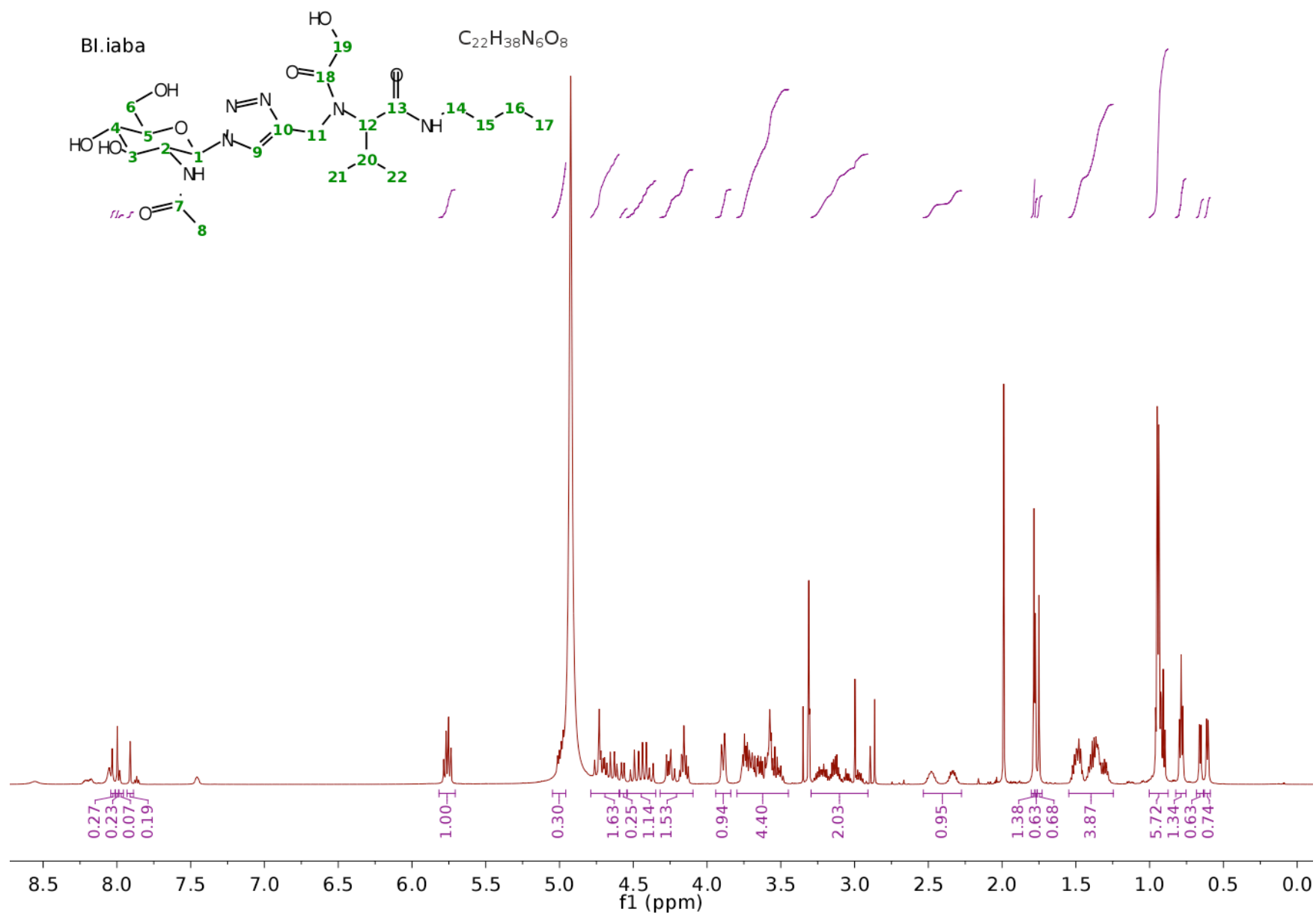


Bl.haba

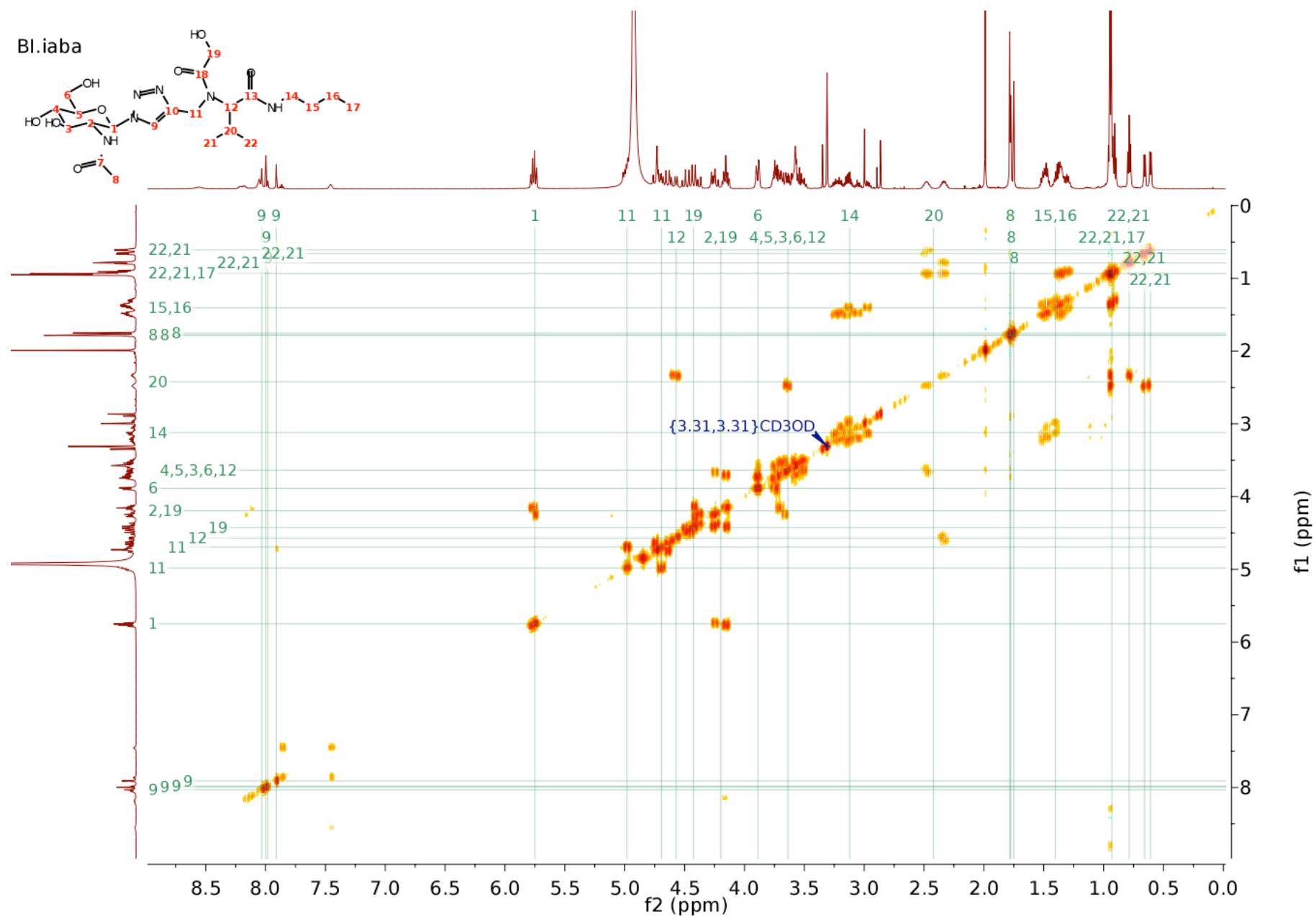
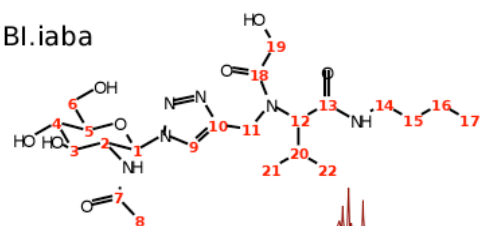
$C_{23}H_{40}N_6O_7$



# BLiaba

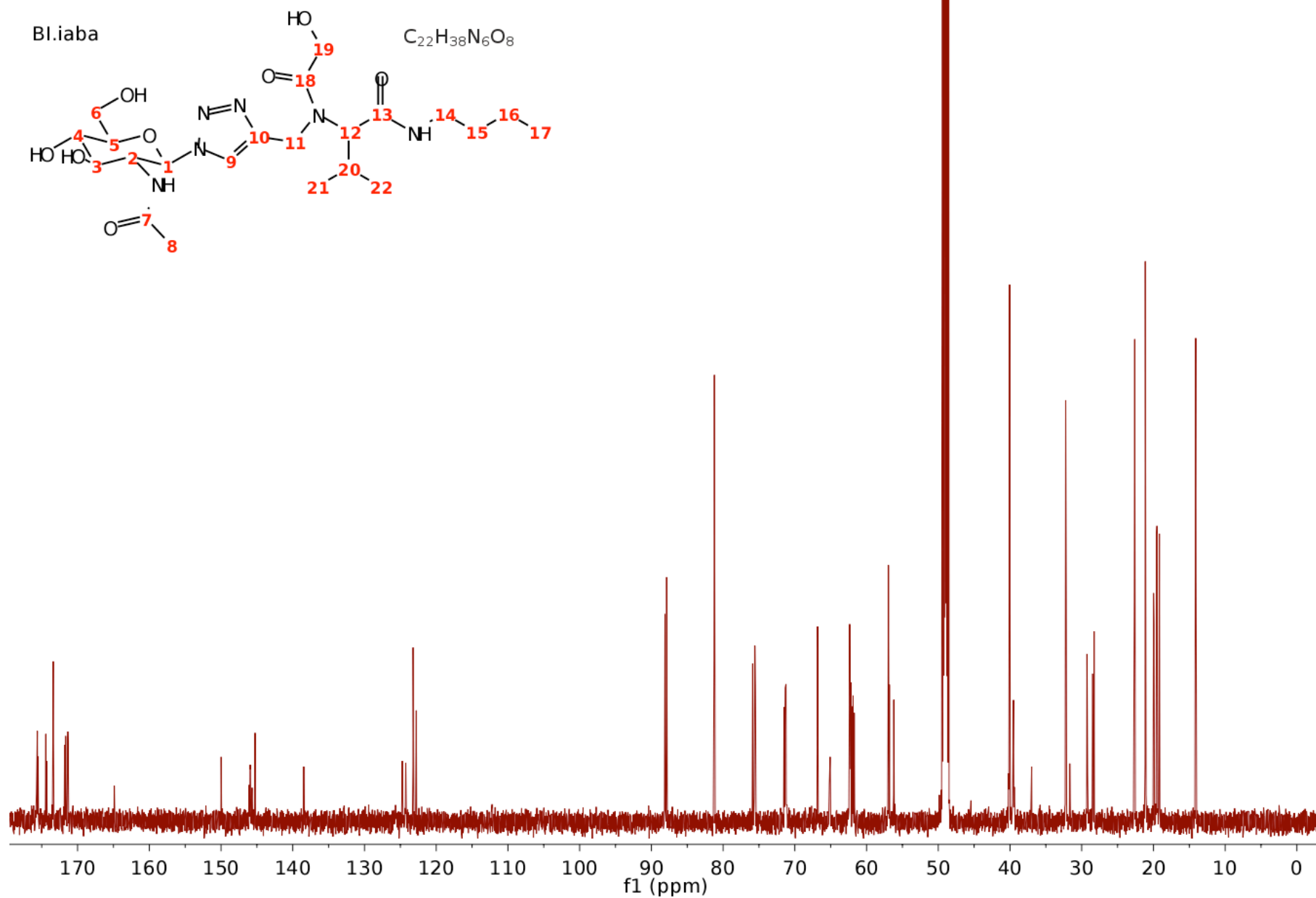


Bl.iaba

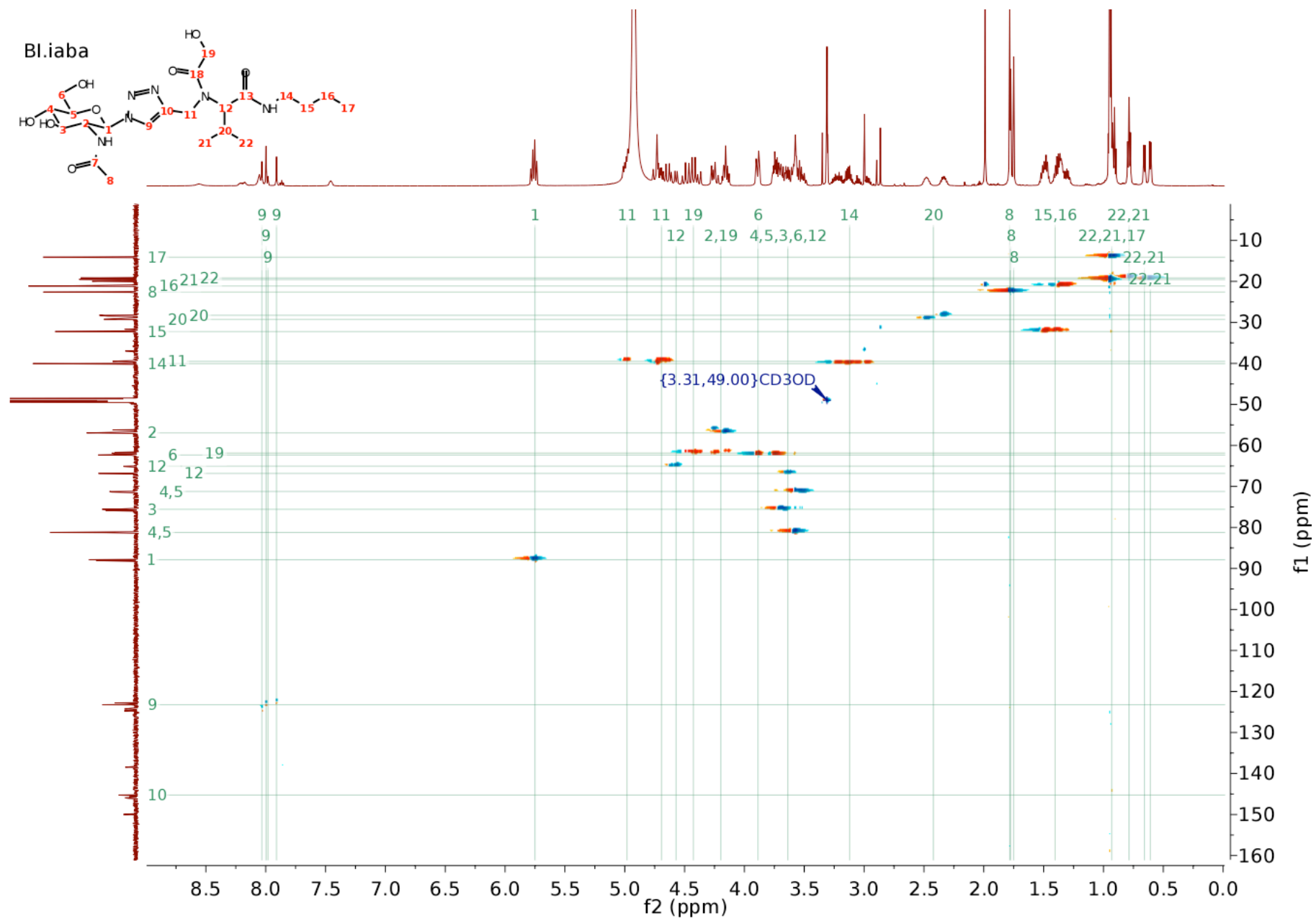
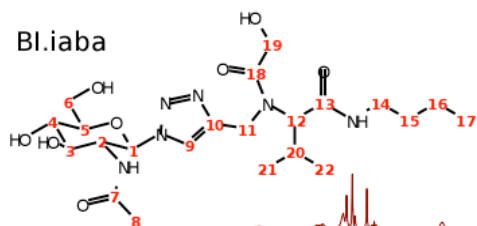


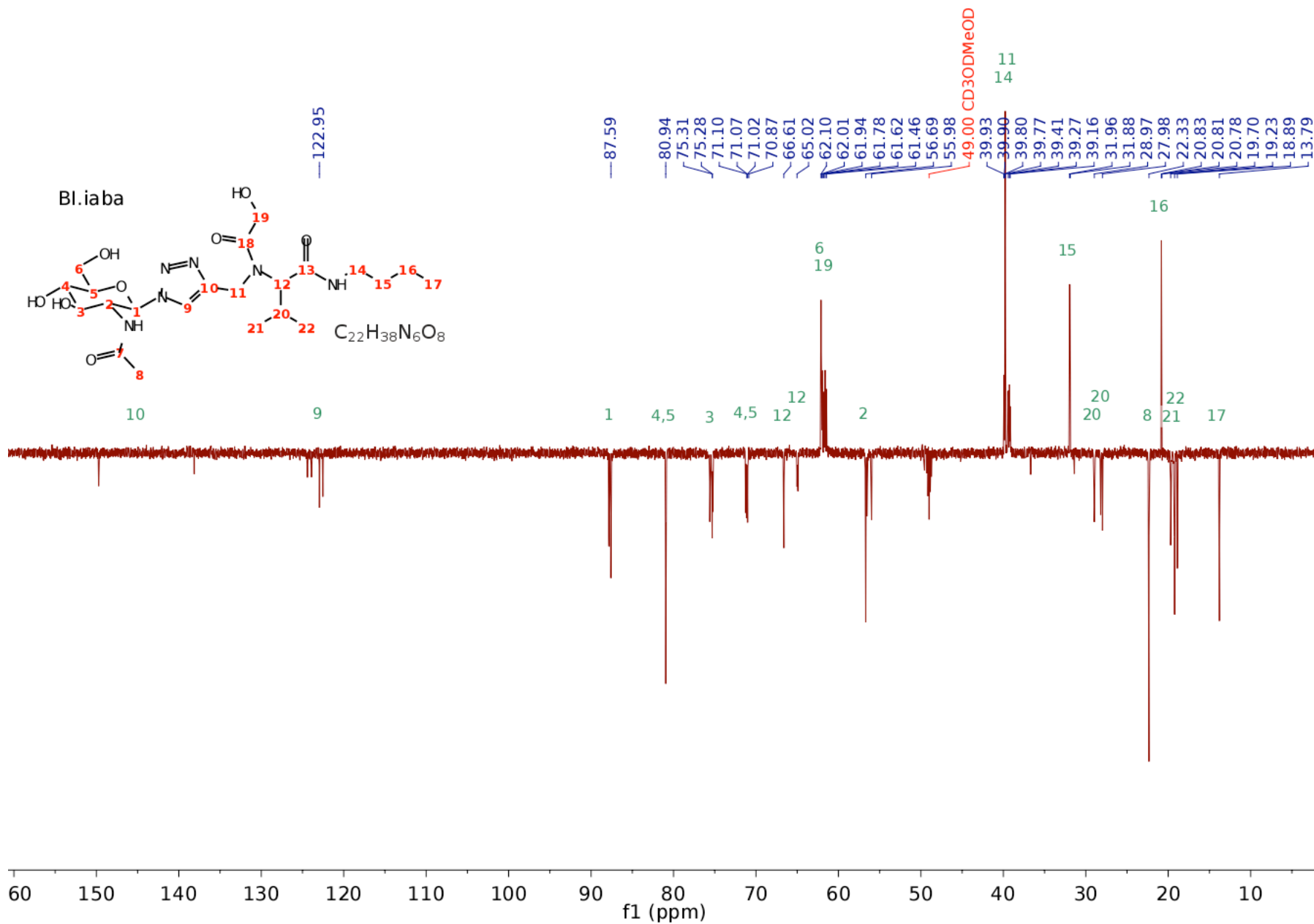
Bl.iaba

C<sub>22</sub>H<sub>38</sub>N<sub>6</sub>O<sub>8</sub>

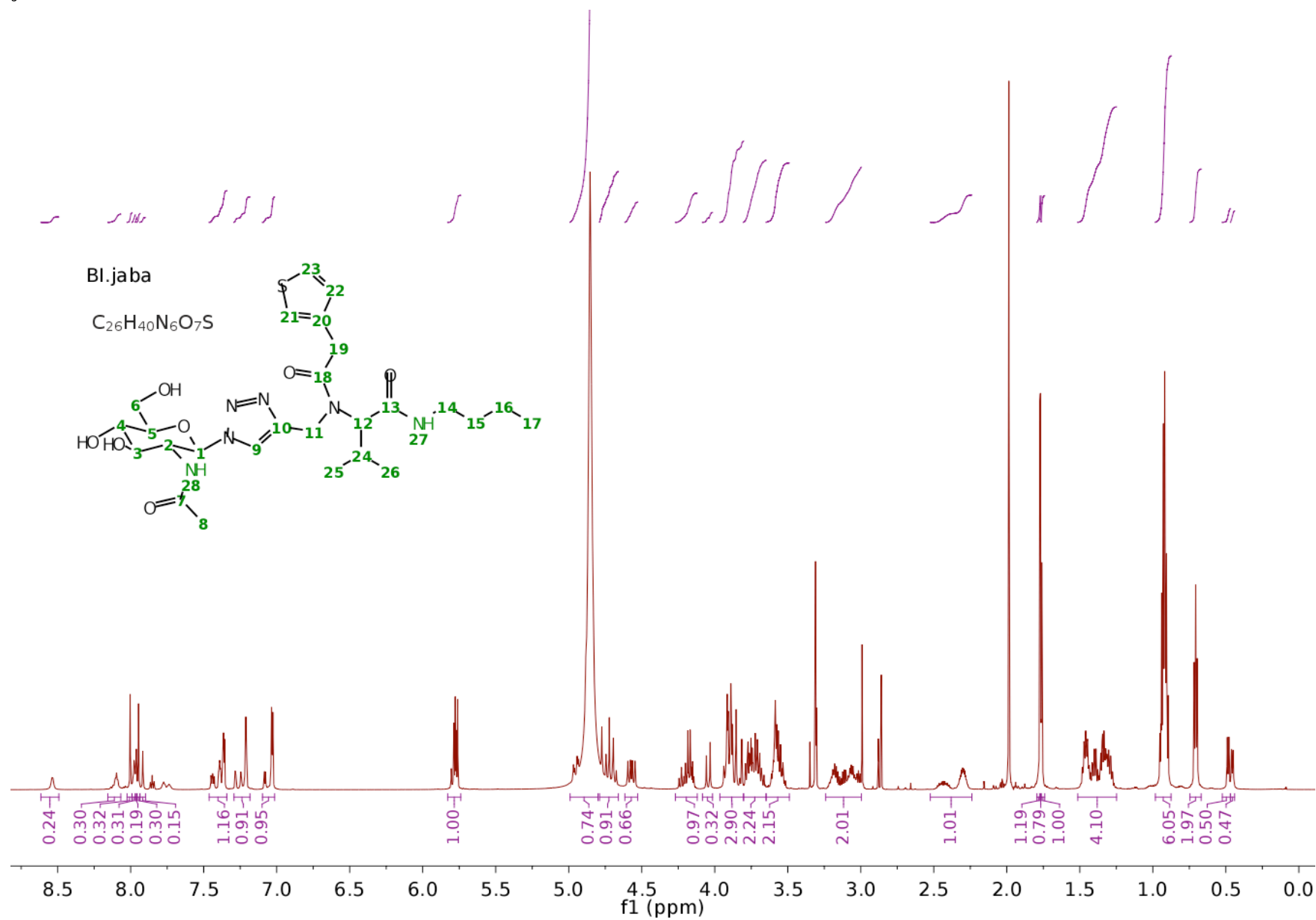


Bl.iaba



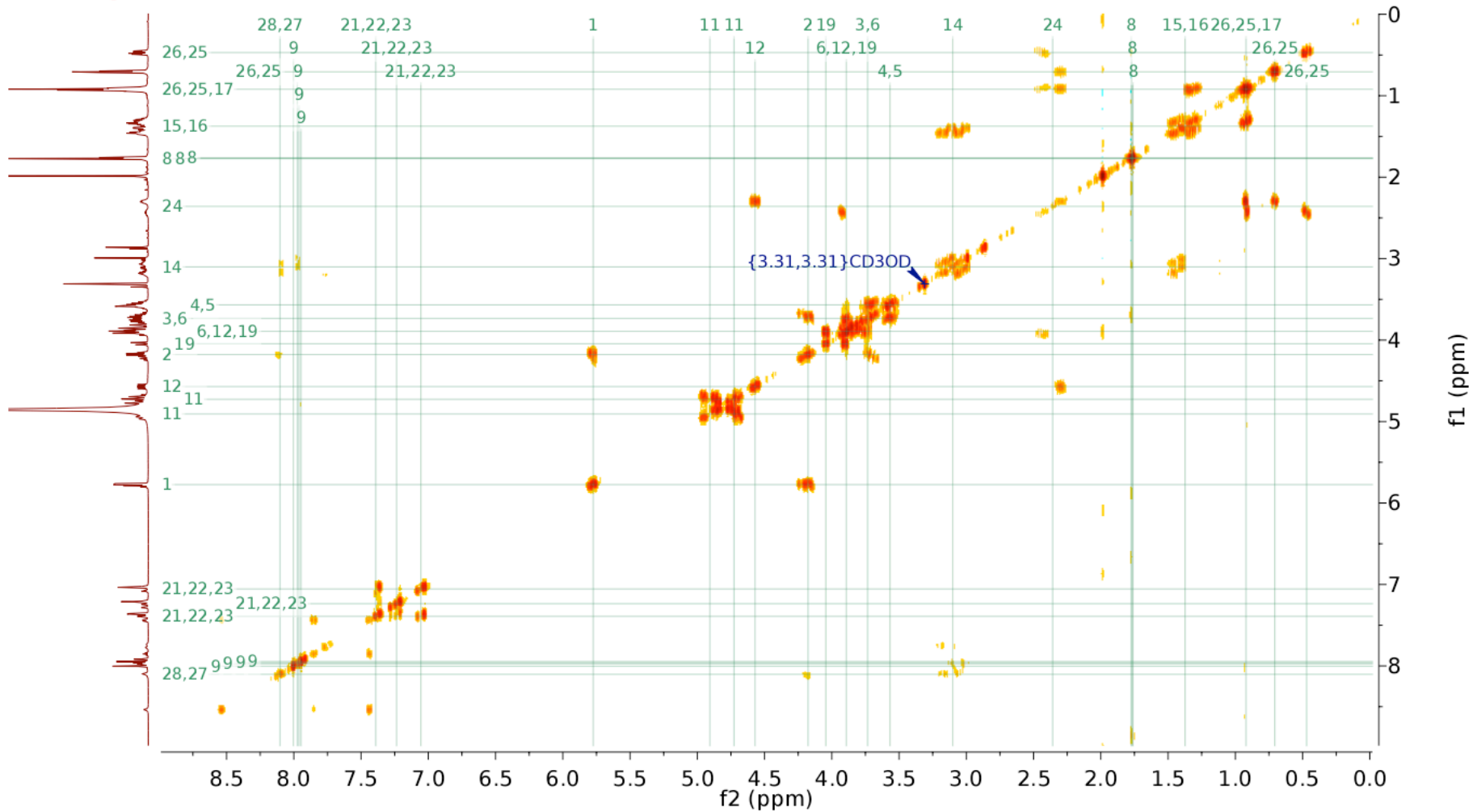
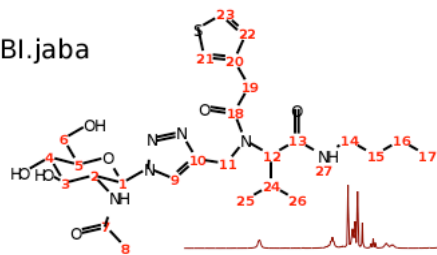


Bl.jaba



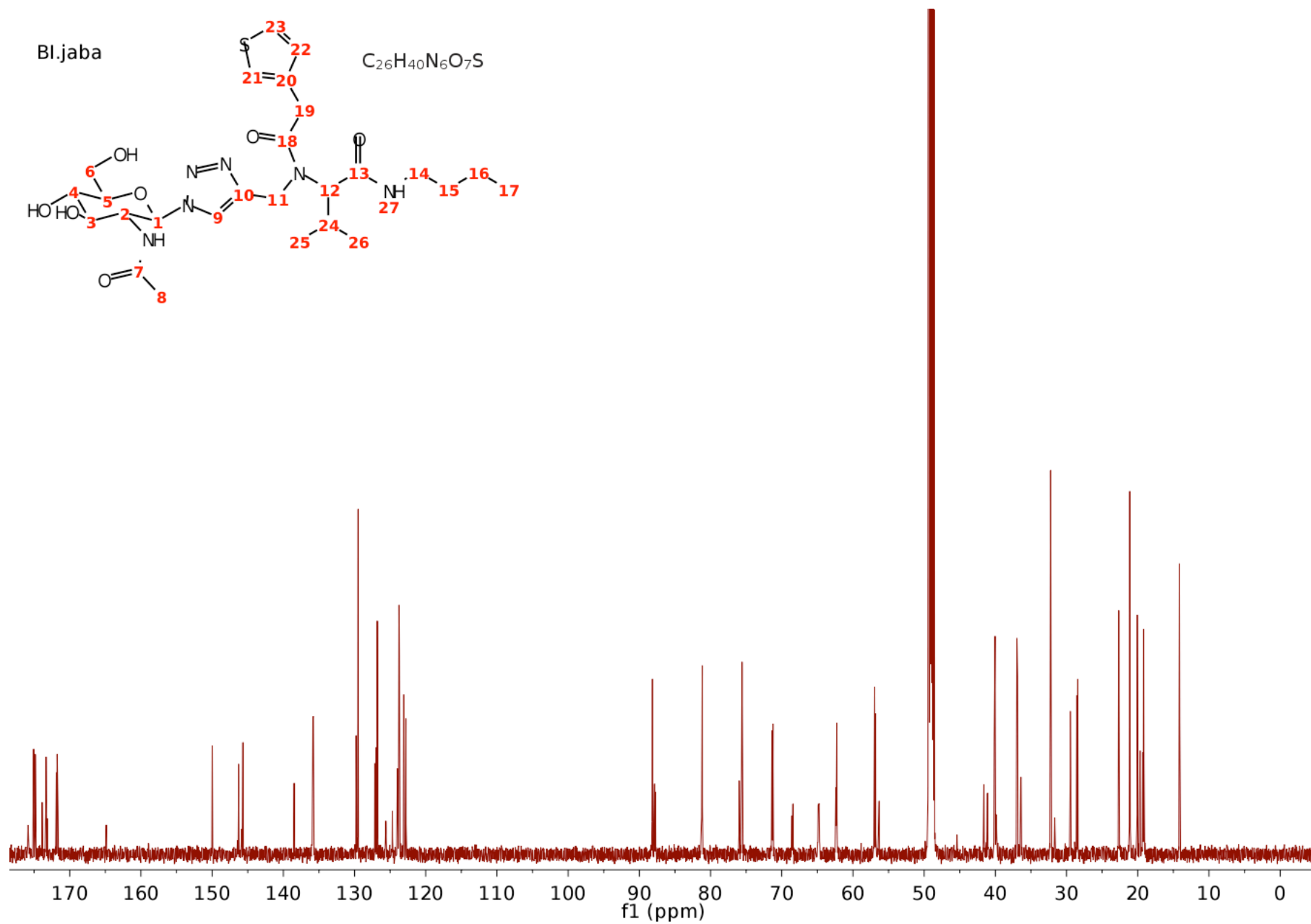
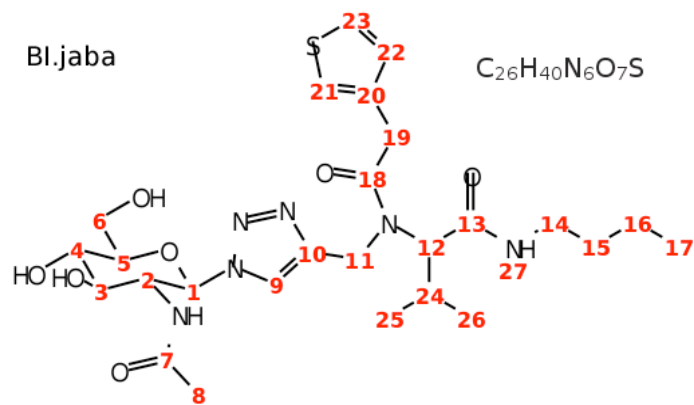


Bl.jaba

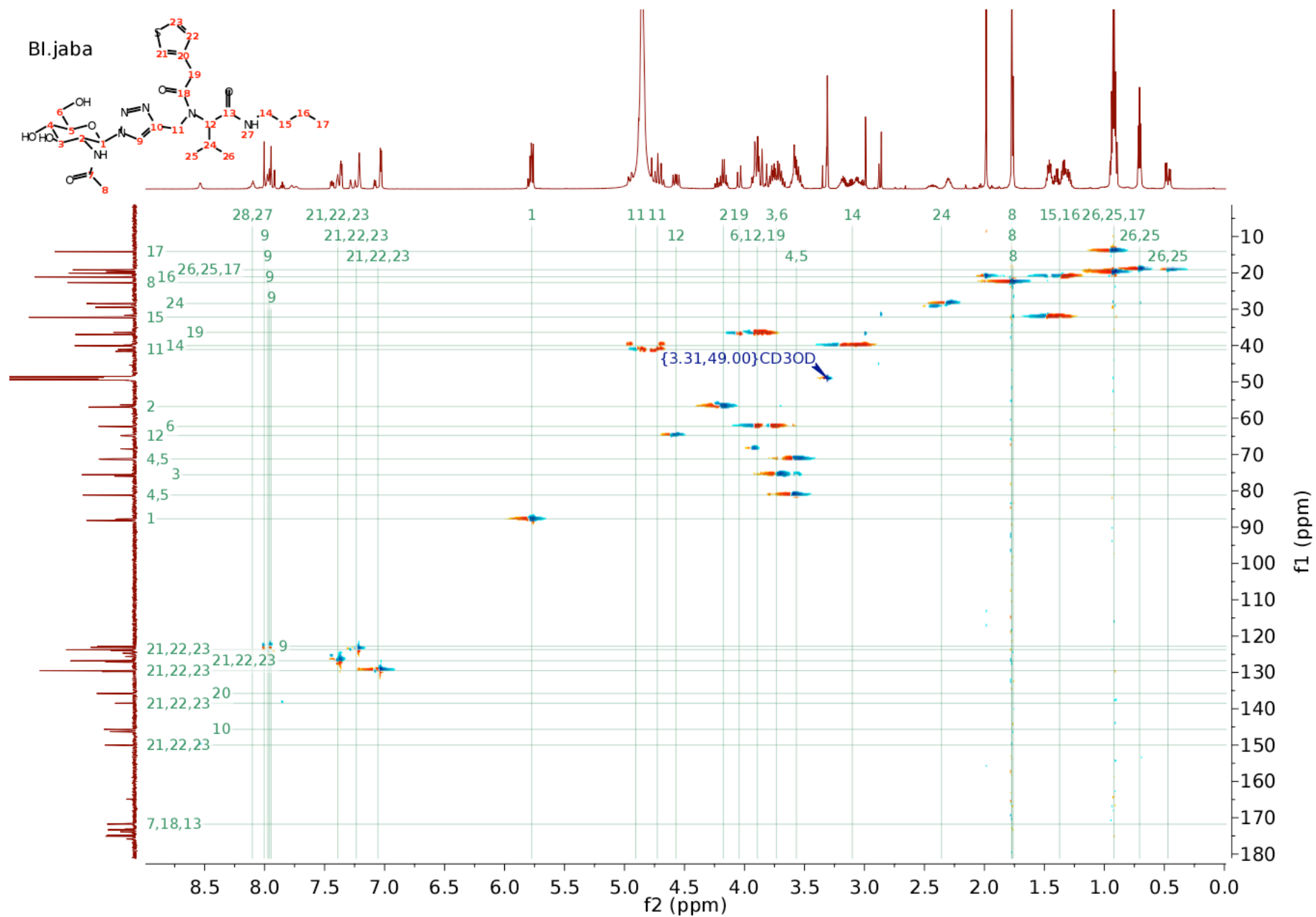
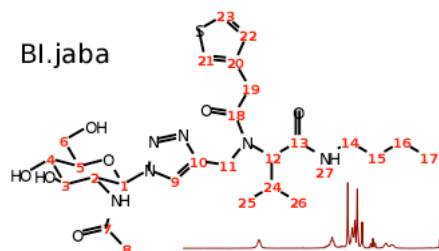


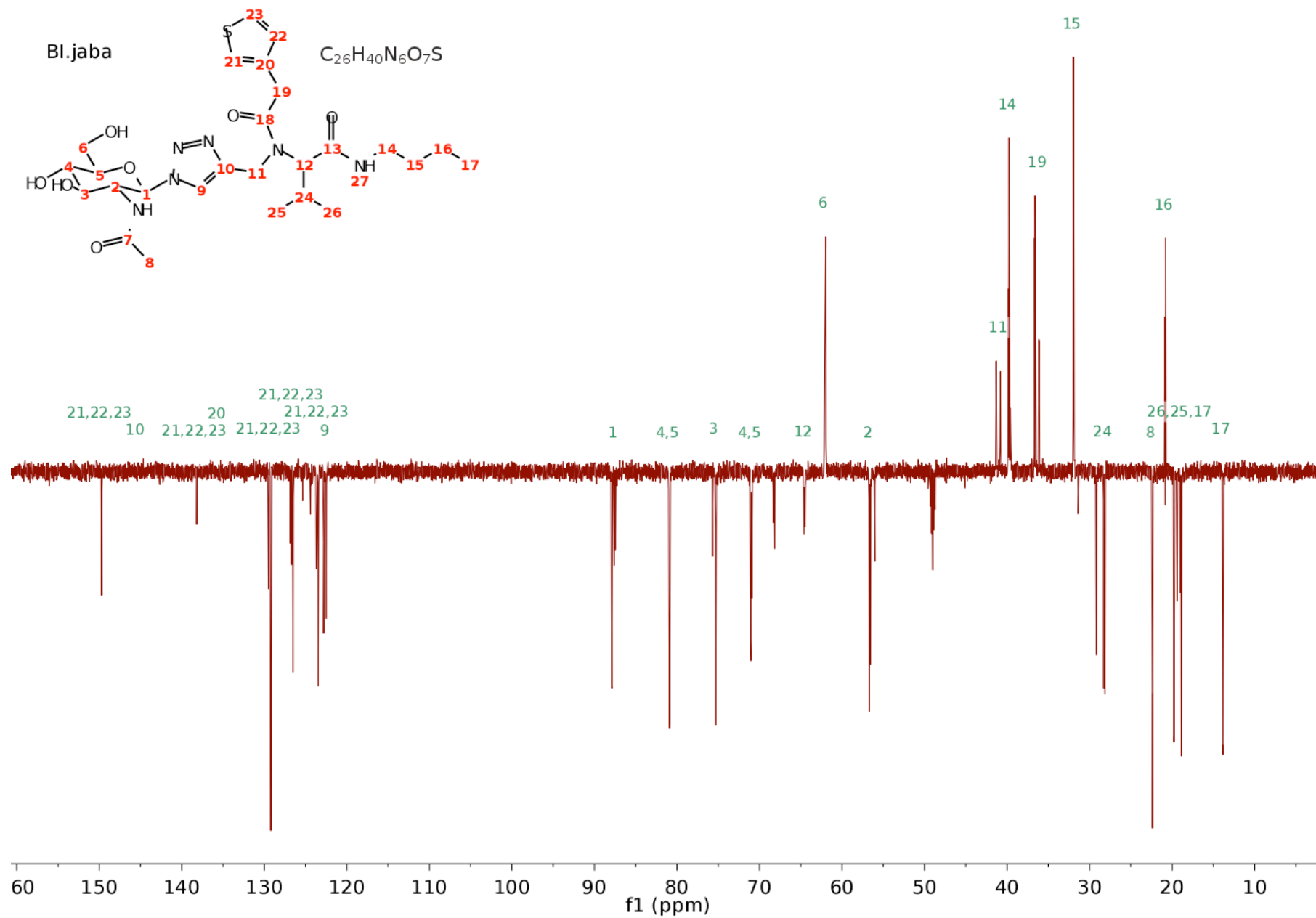
Bl.jaba

C<sub>26</sub>H<sub>40</sub>N<sub>6</sub>O<sub>7</sub>S

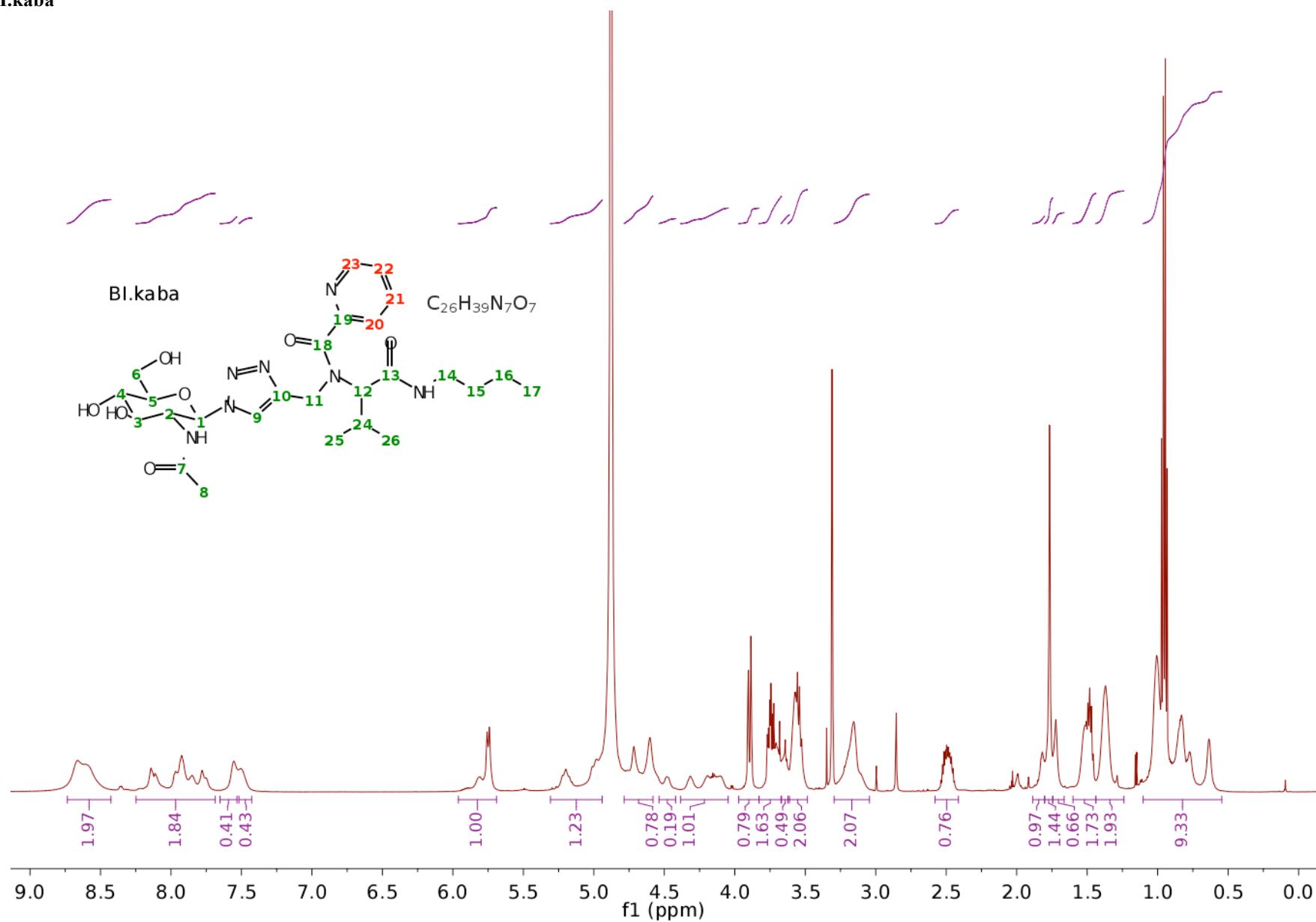


BI.jaba

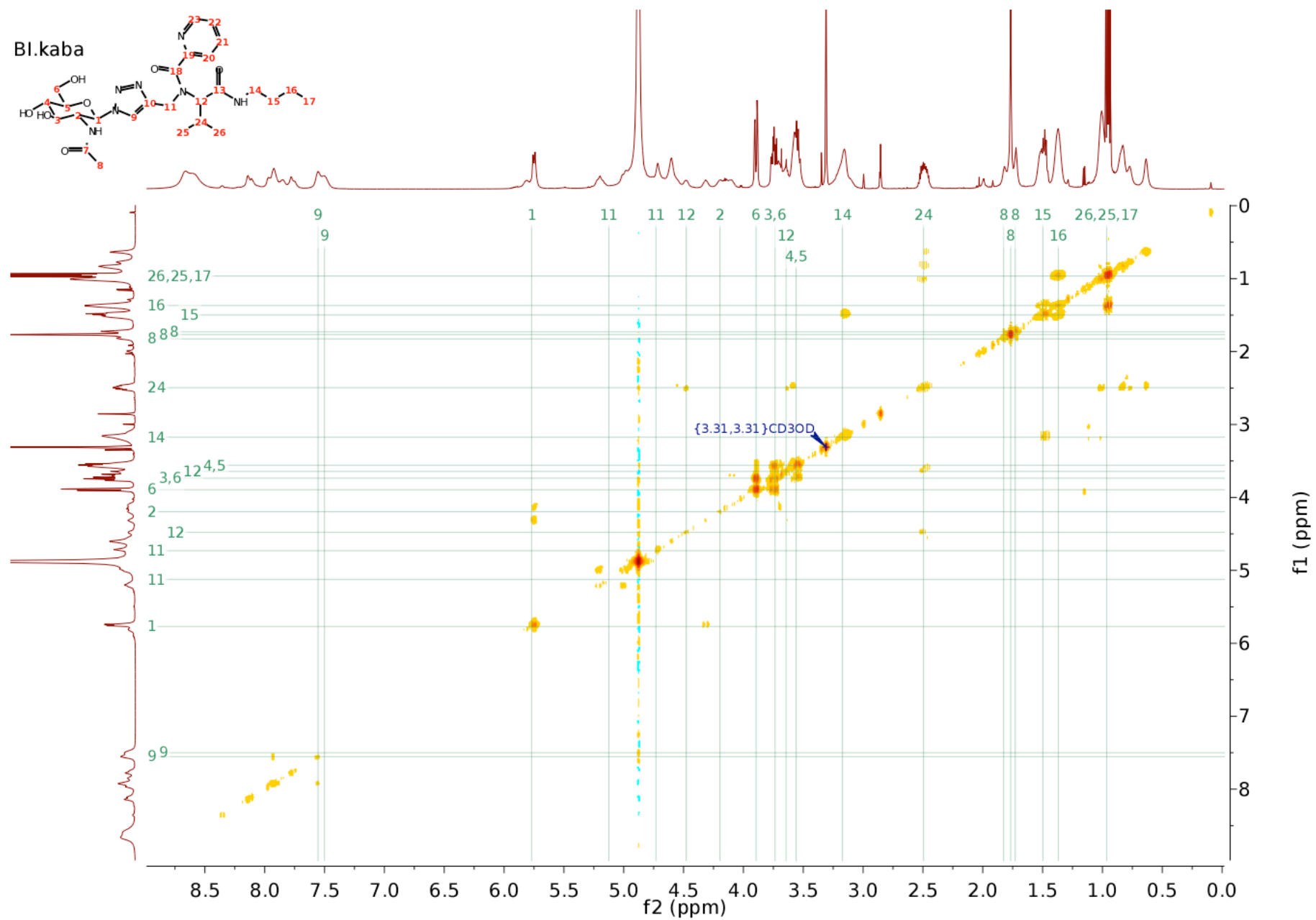
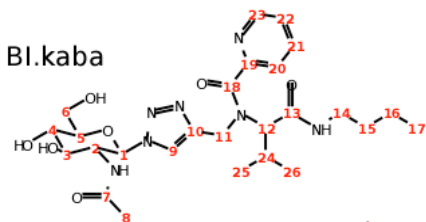



$$\text{C}_{26}\text{H}_{40}\text{N}_6\text{O}_7\text{S}$$

# Bl.kaba

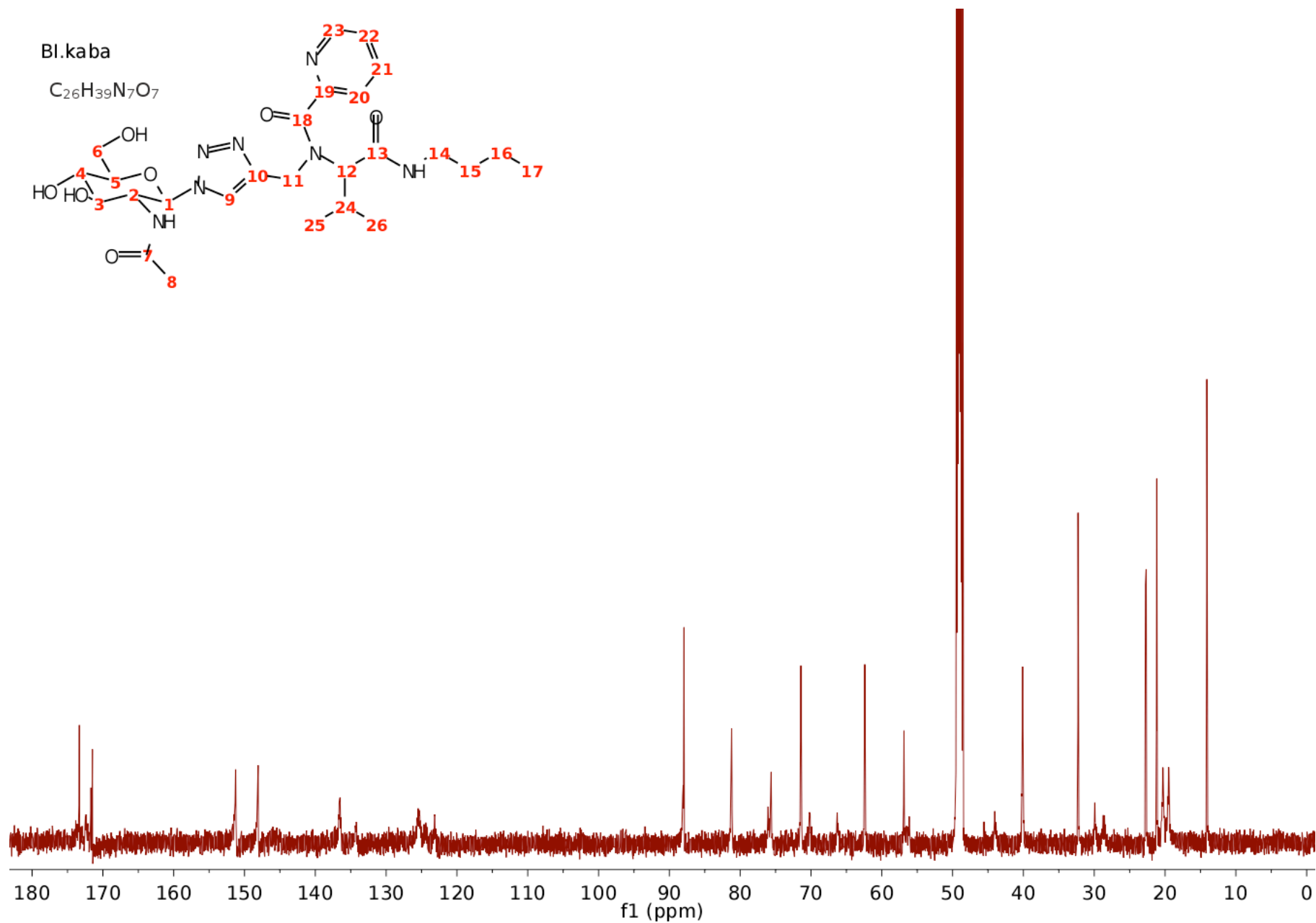
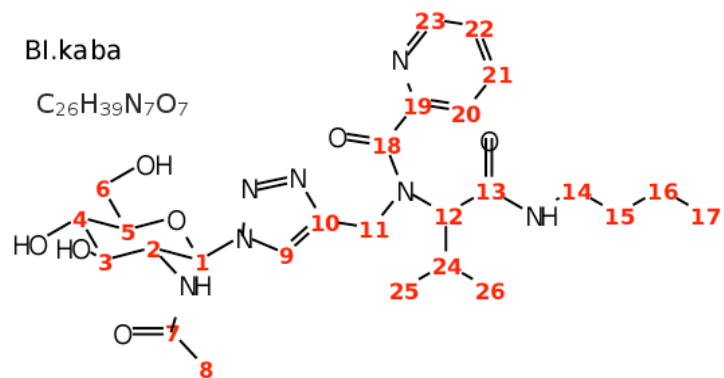


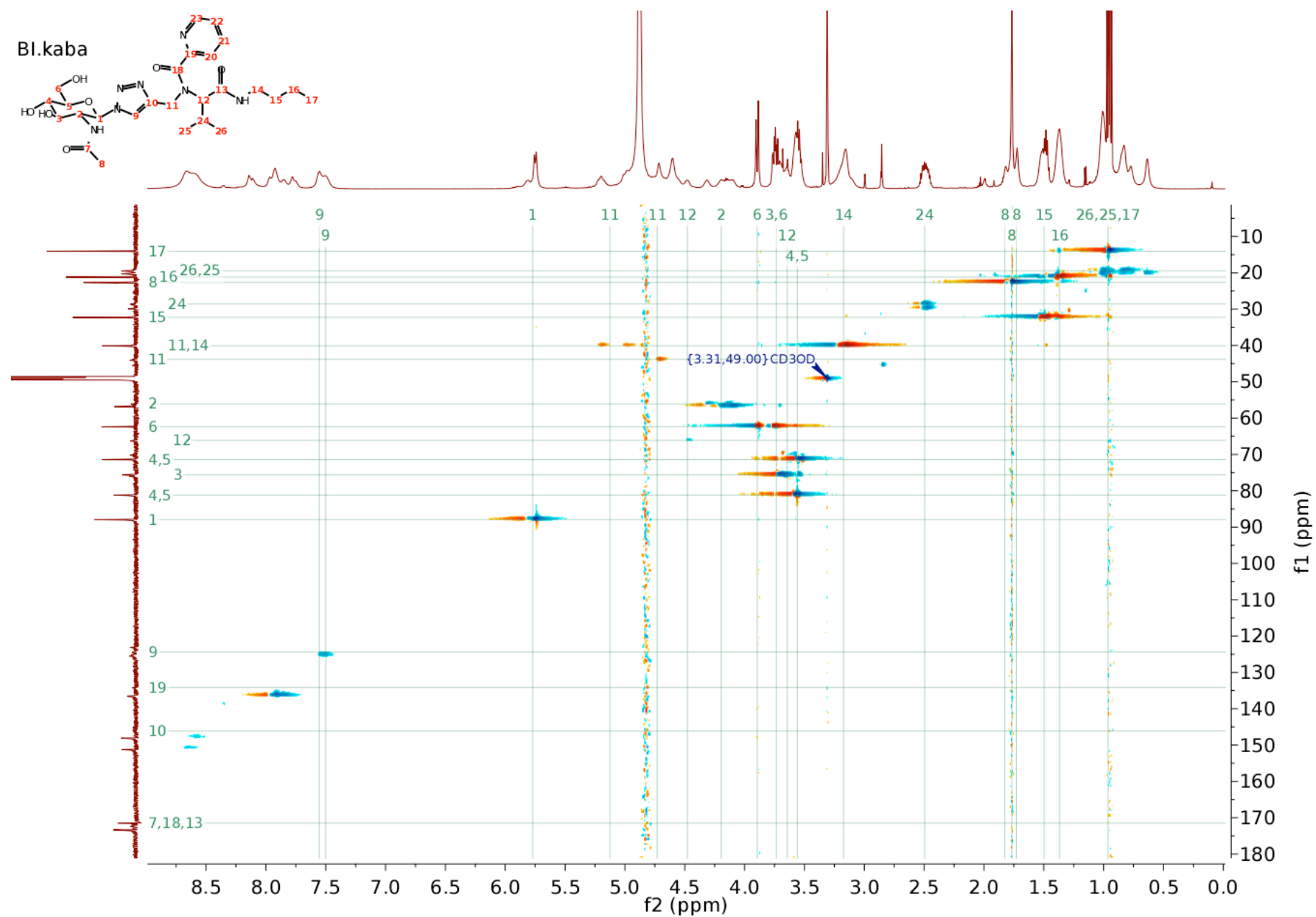
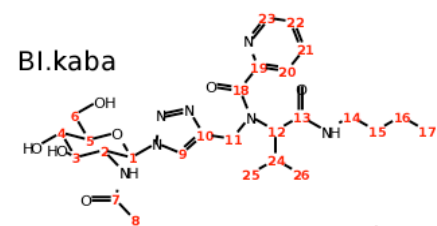
Bl.kaba



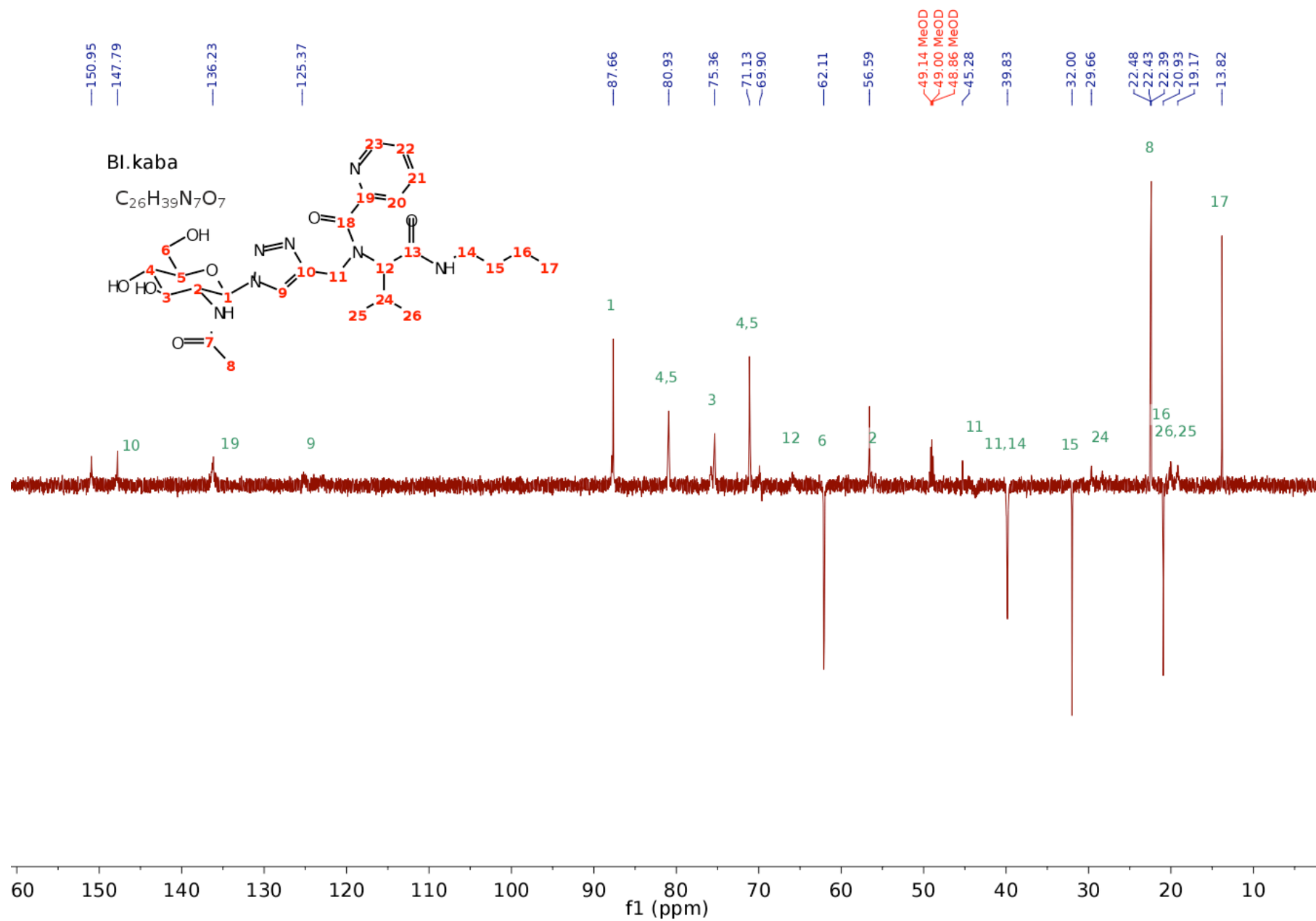
Bl.kaba

C<sub>26</sub>H<sub>39</sub>N<sub>7</sub>O<sub>7</sub>





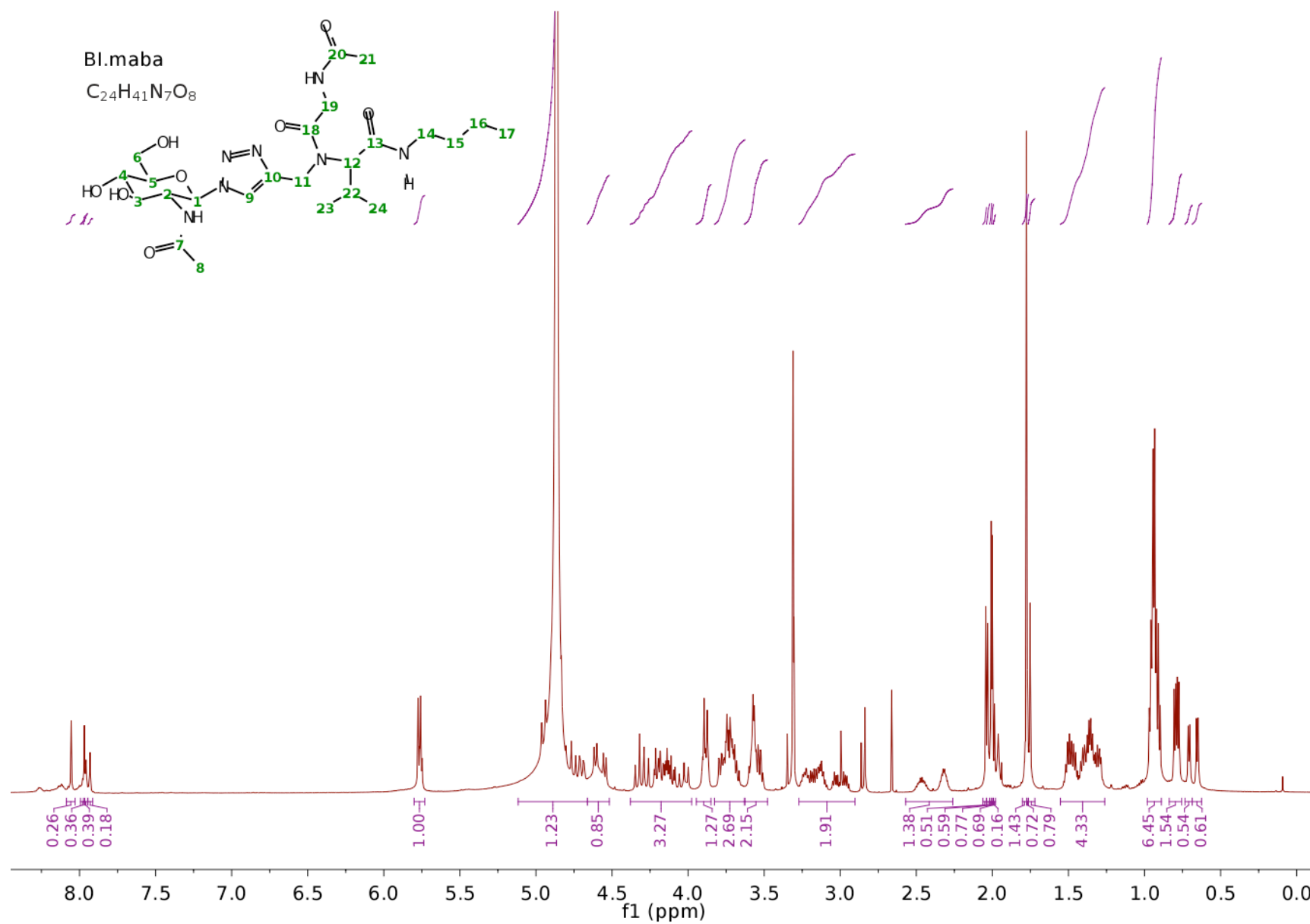
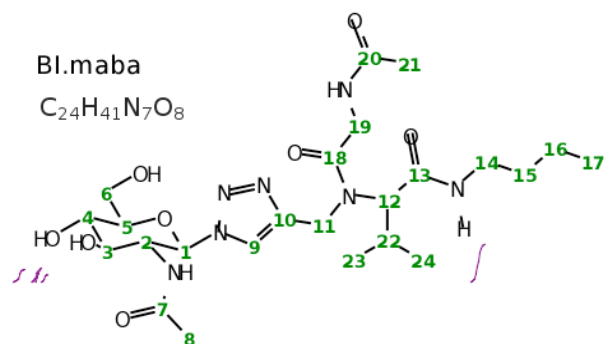


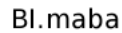


# Bl.maba

Bl.maba

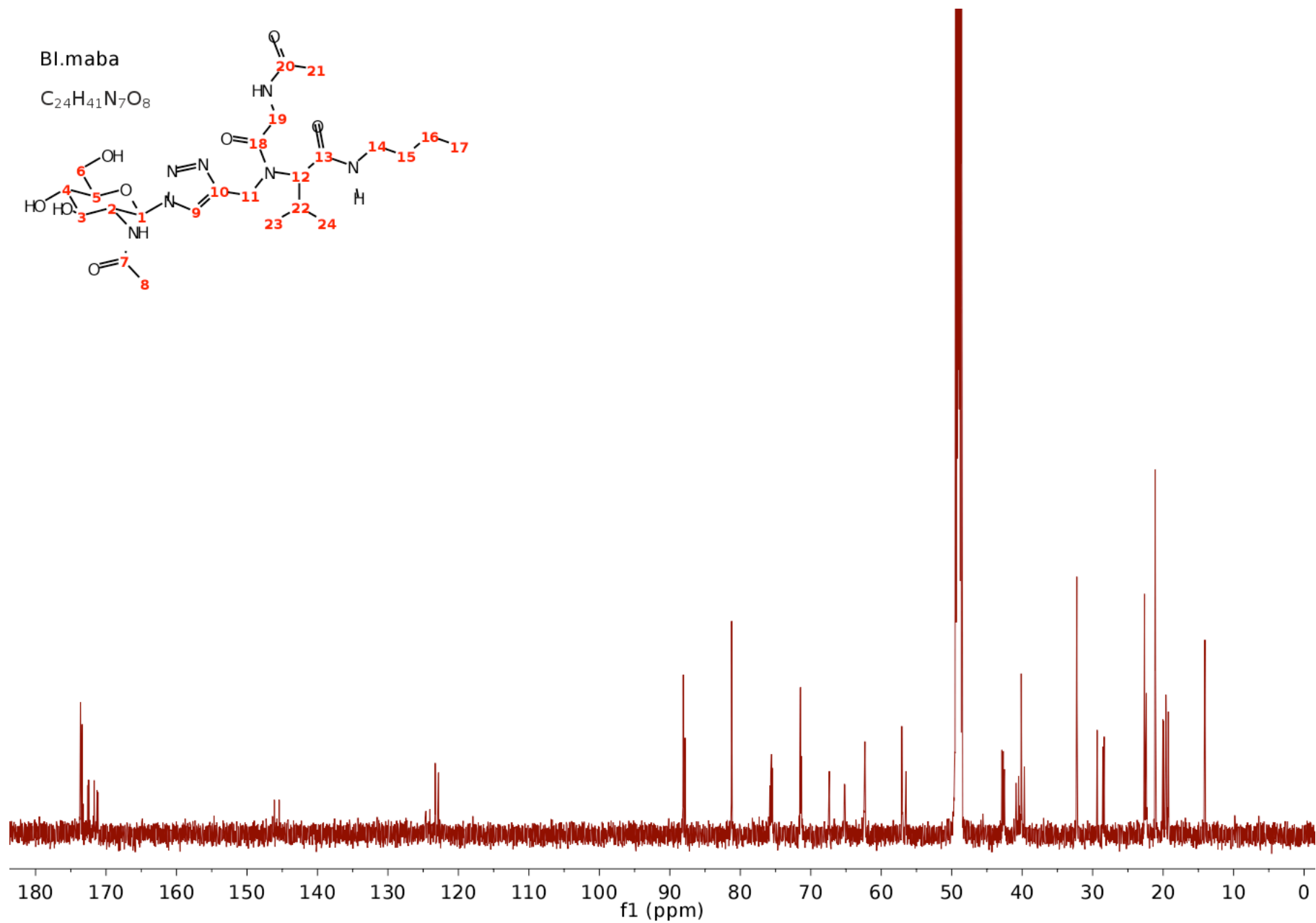
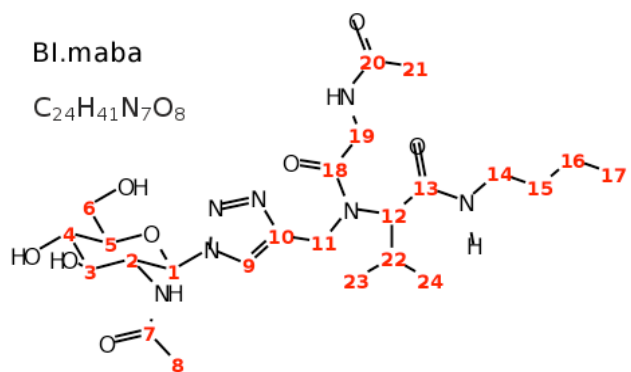
C<sub>24</sub>H<sub>41</sub>N<sub>7</sub>O<sub>8</sub>

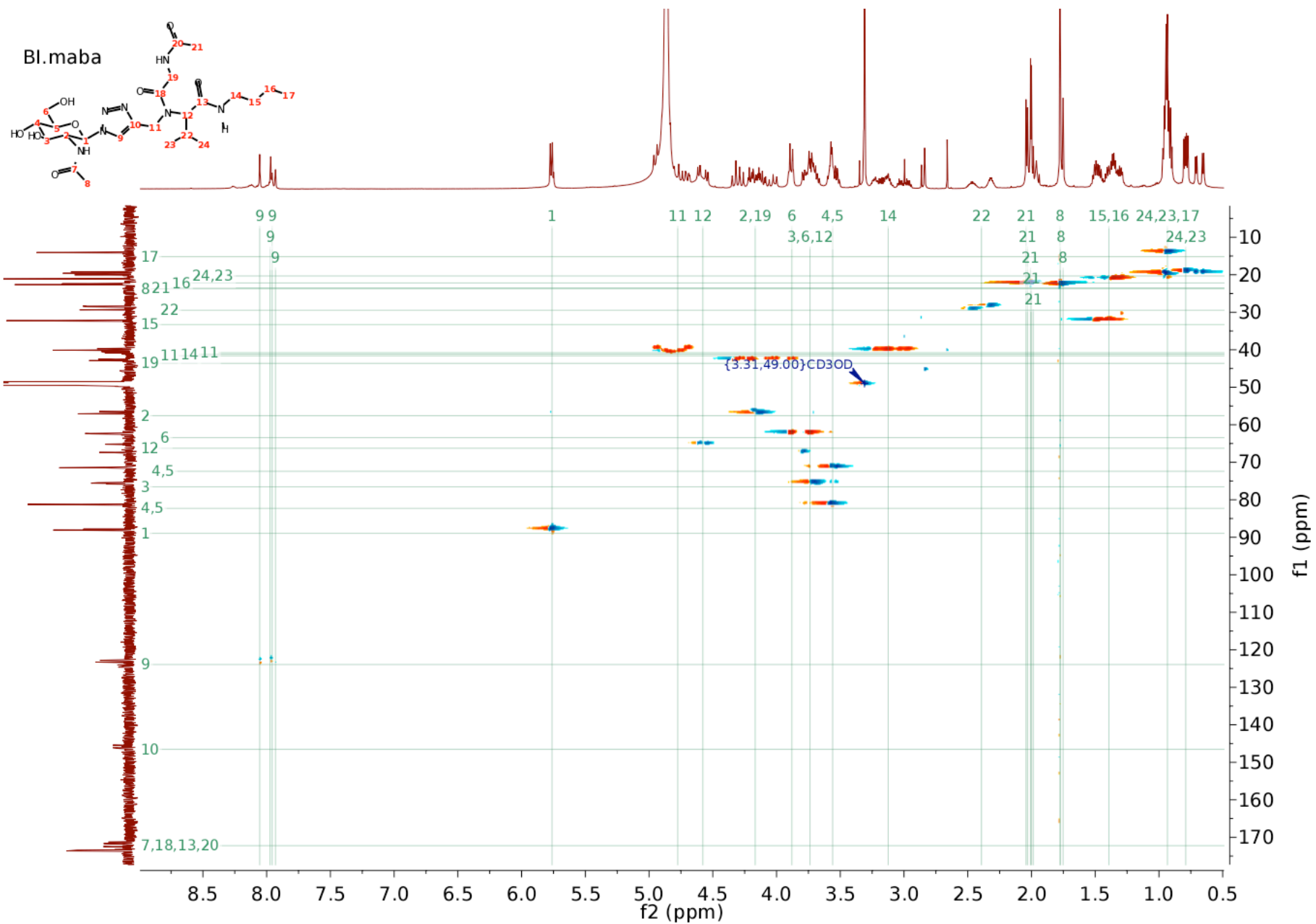


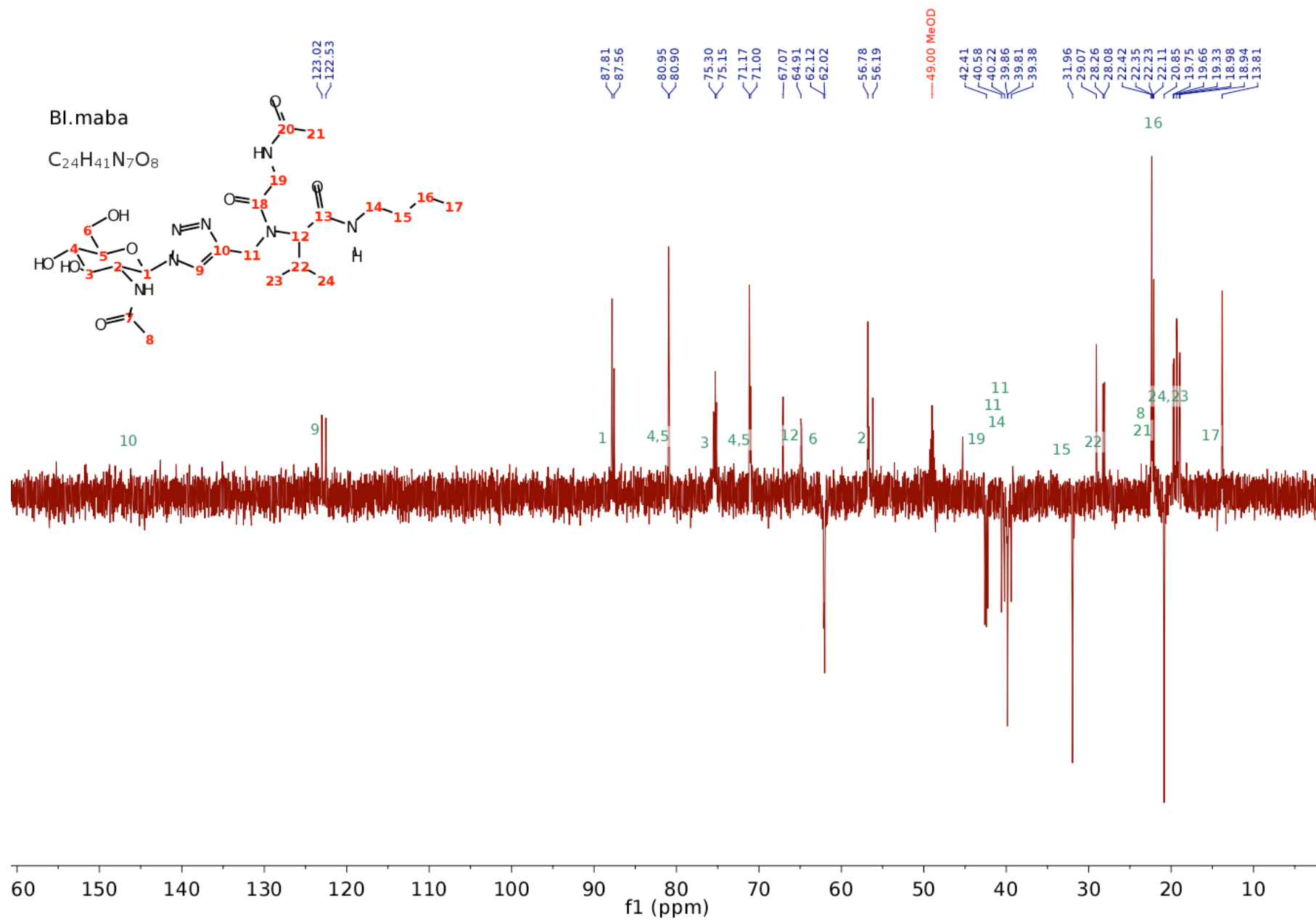


Bl.maba

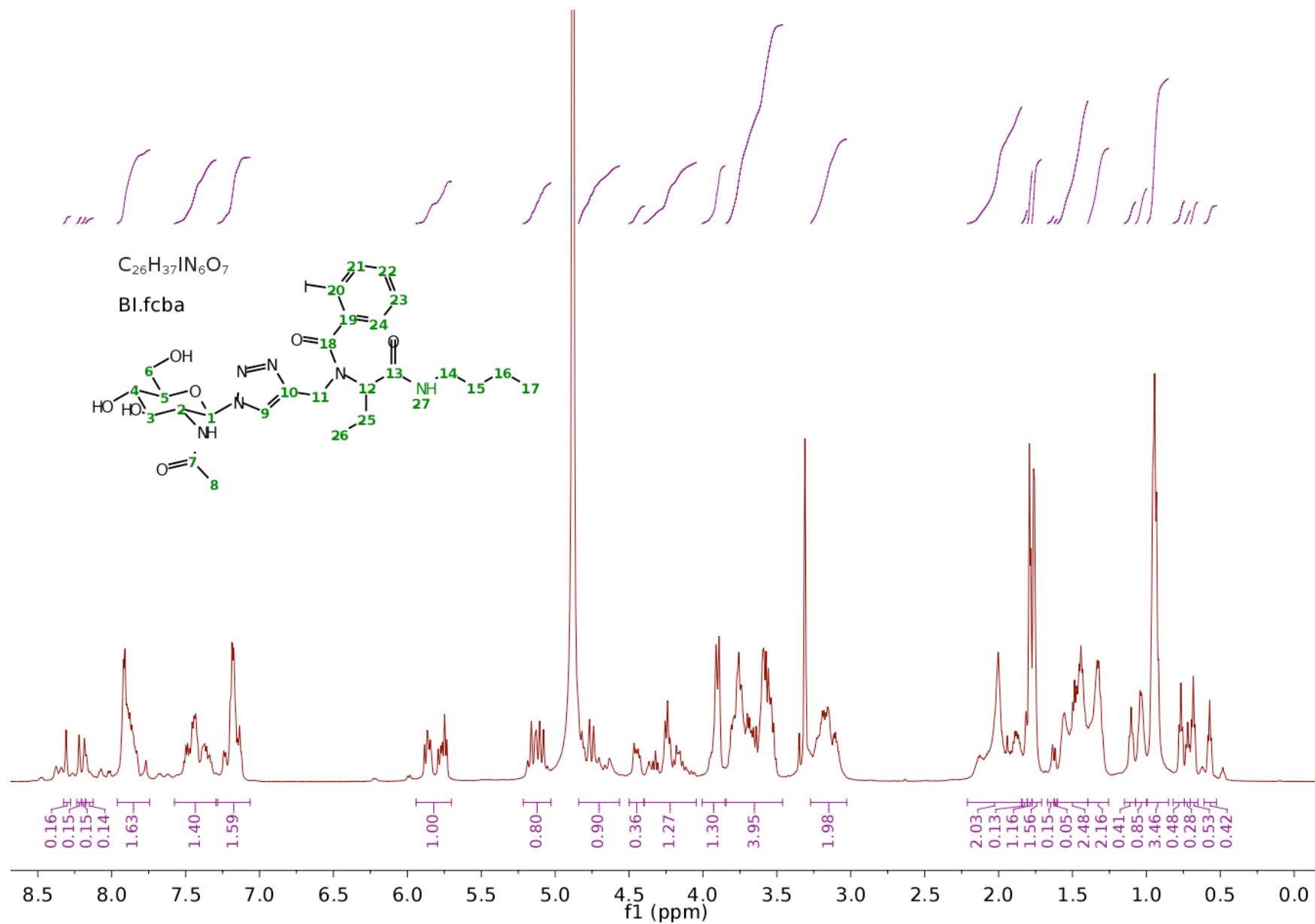
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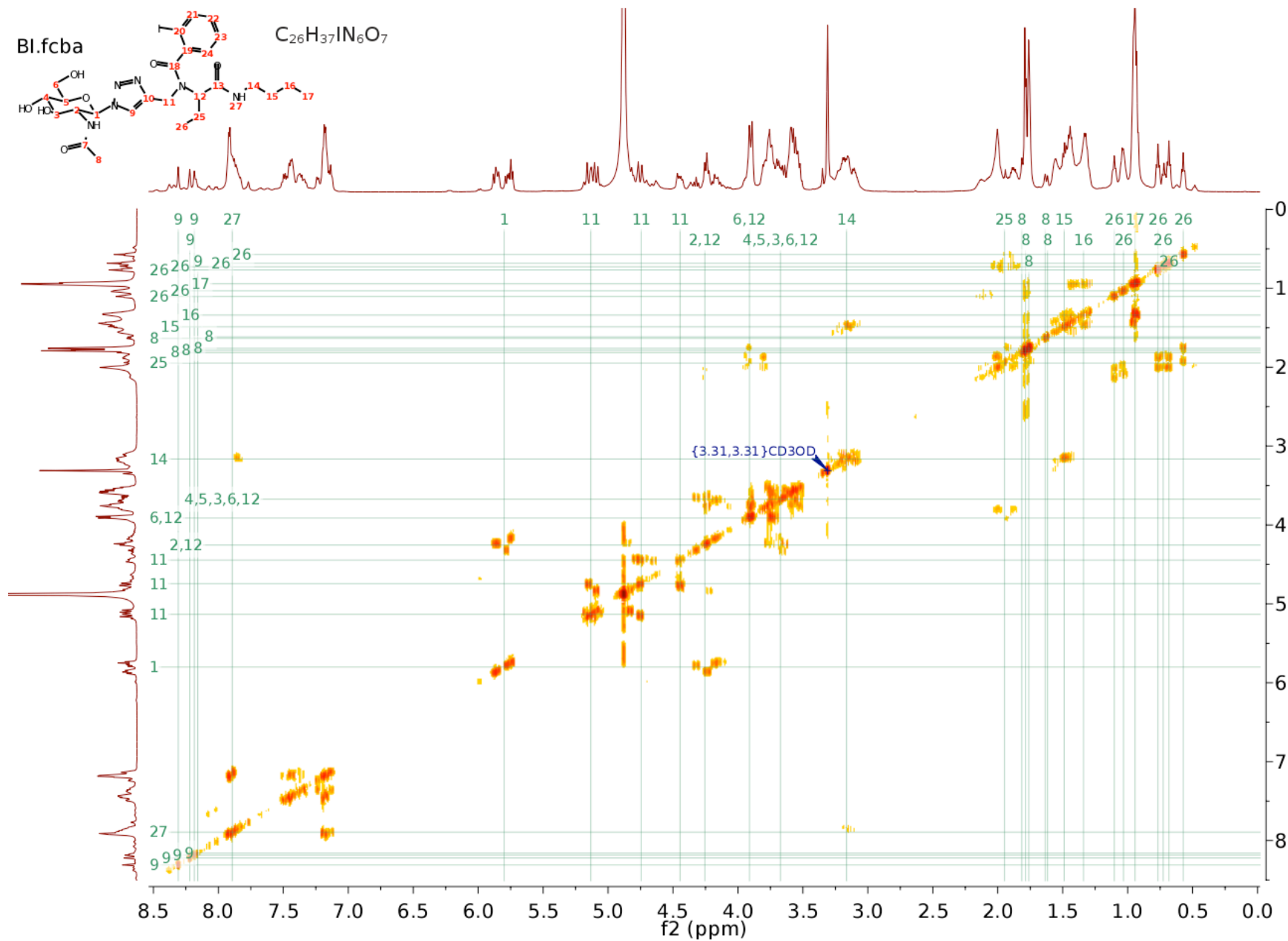






BL.fcba

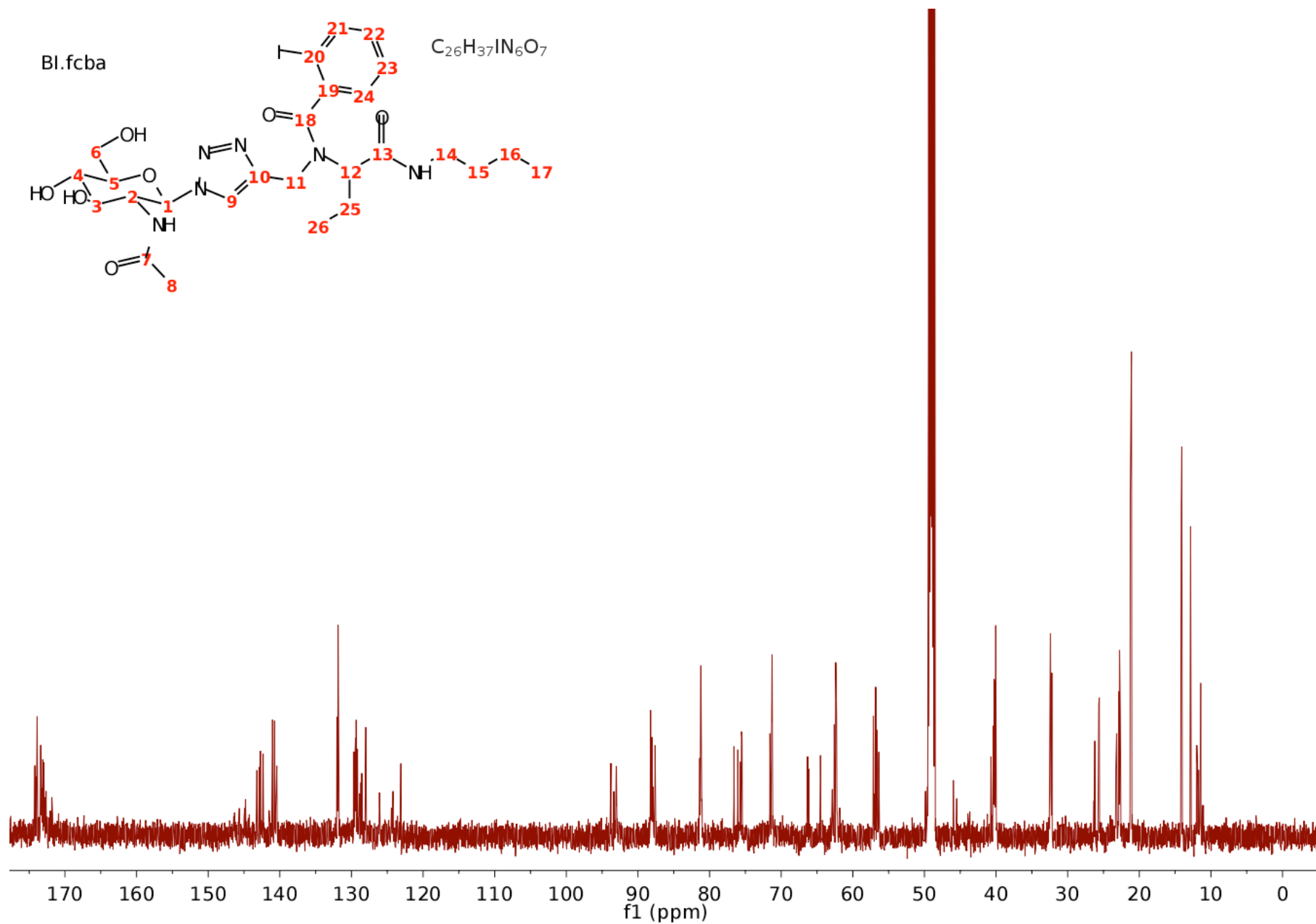
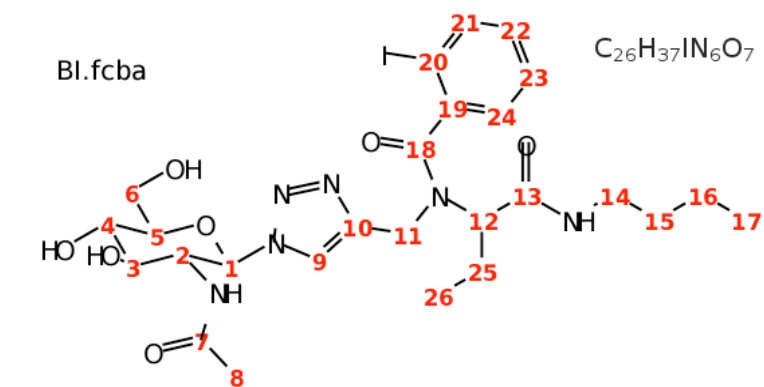




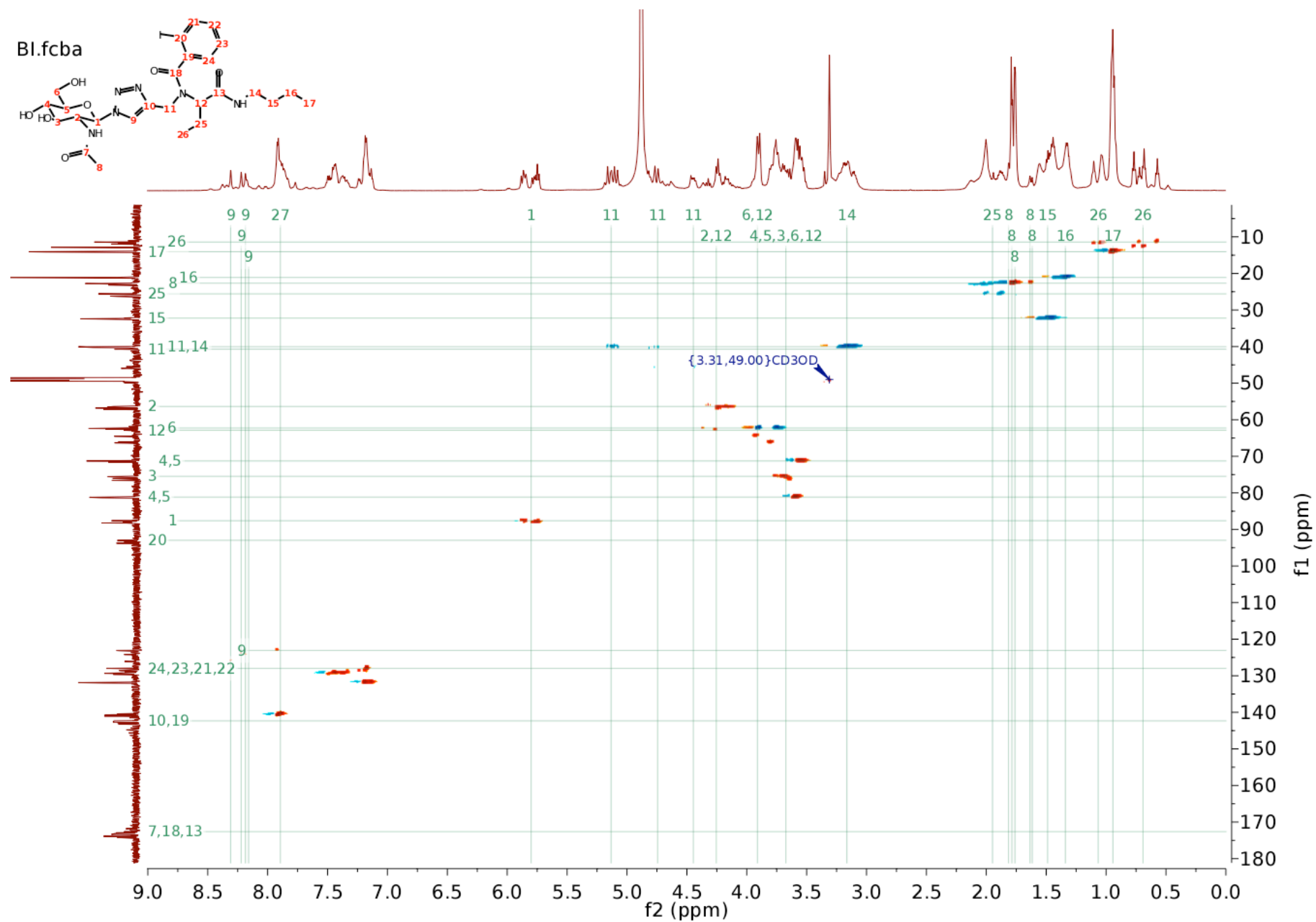
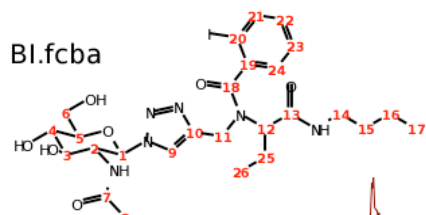


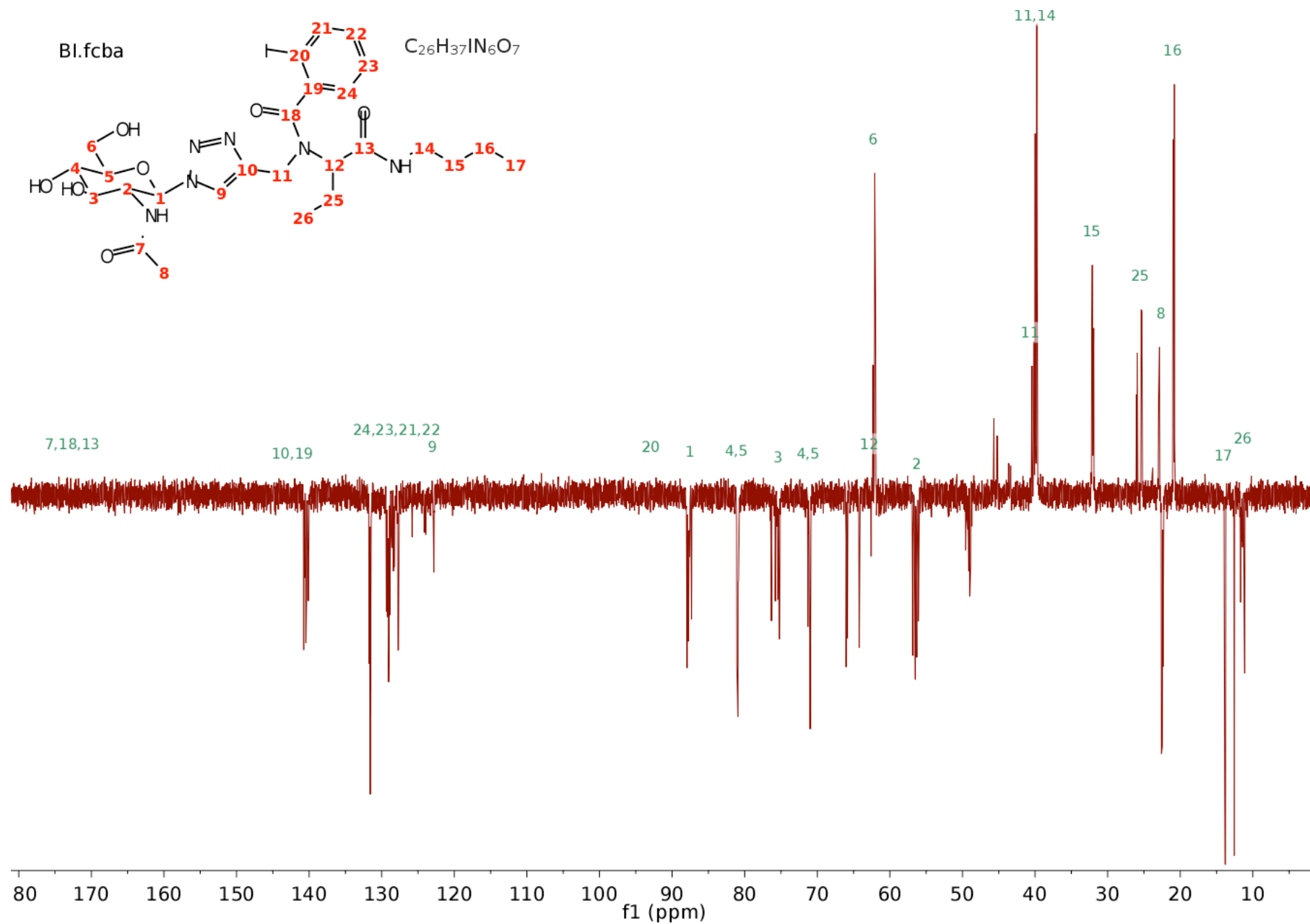
Bl.fcba

$C_{26}H_{37}IN_6O_7$

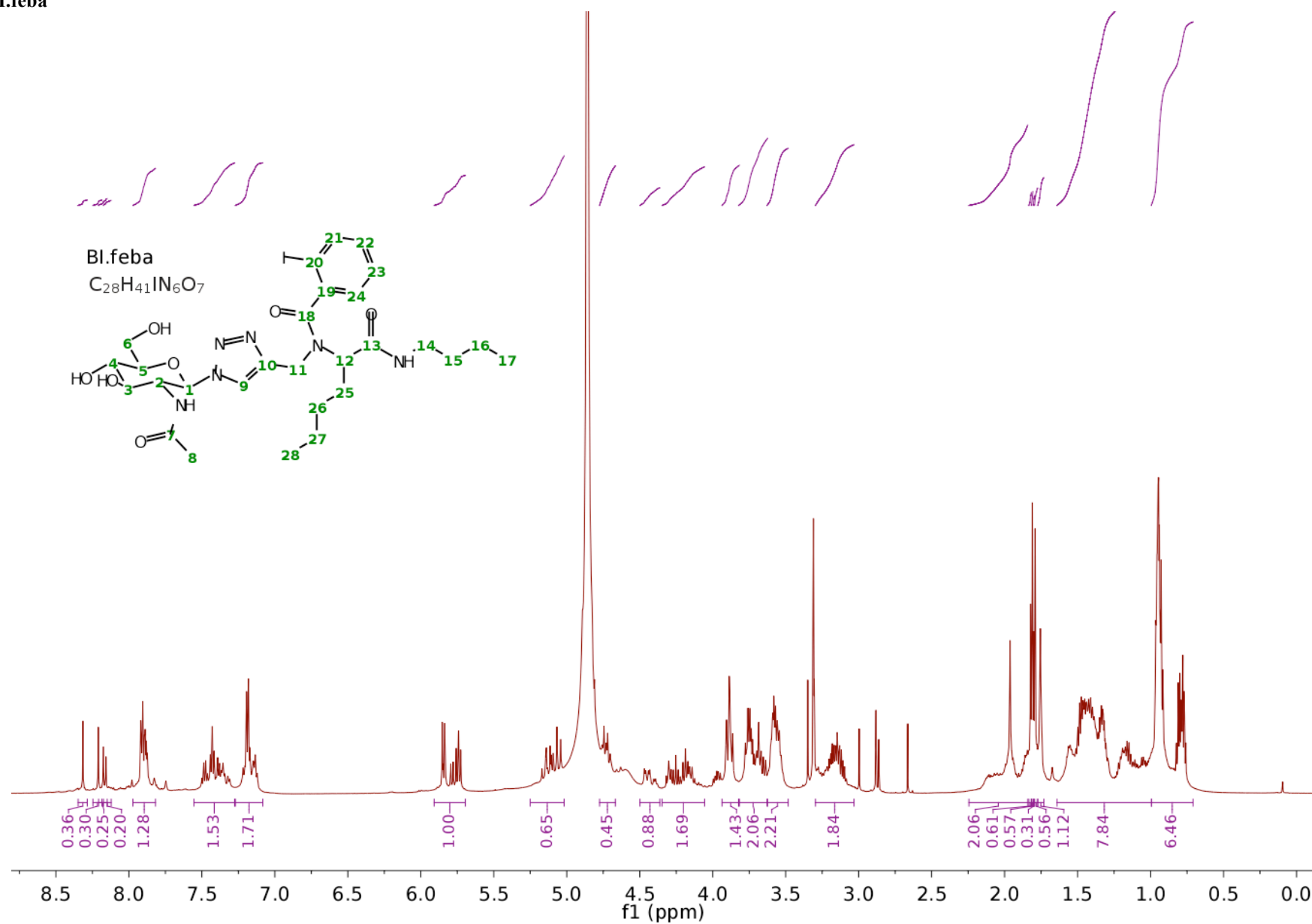


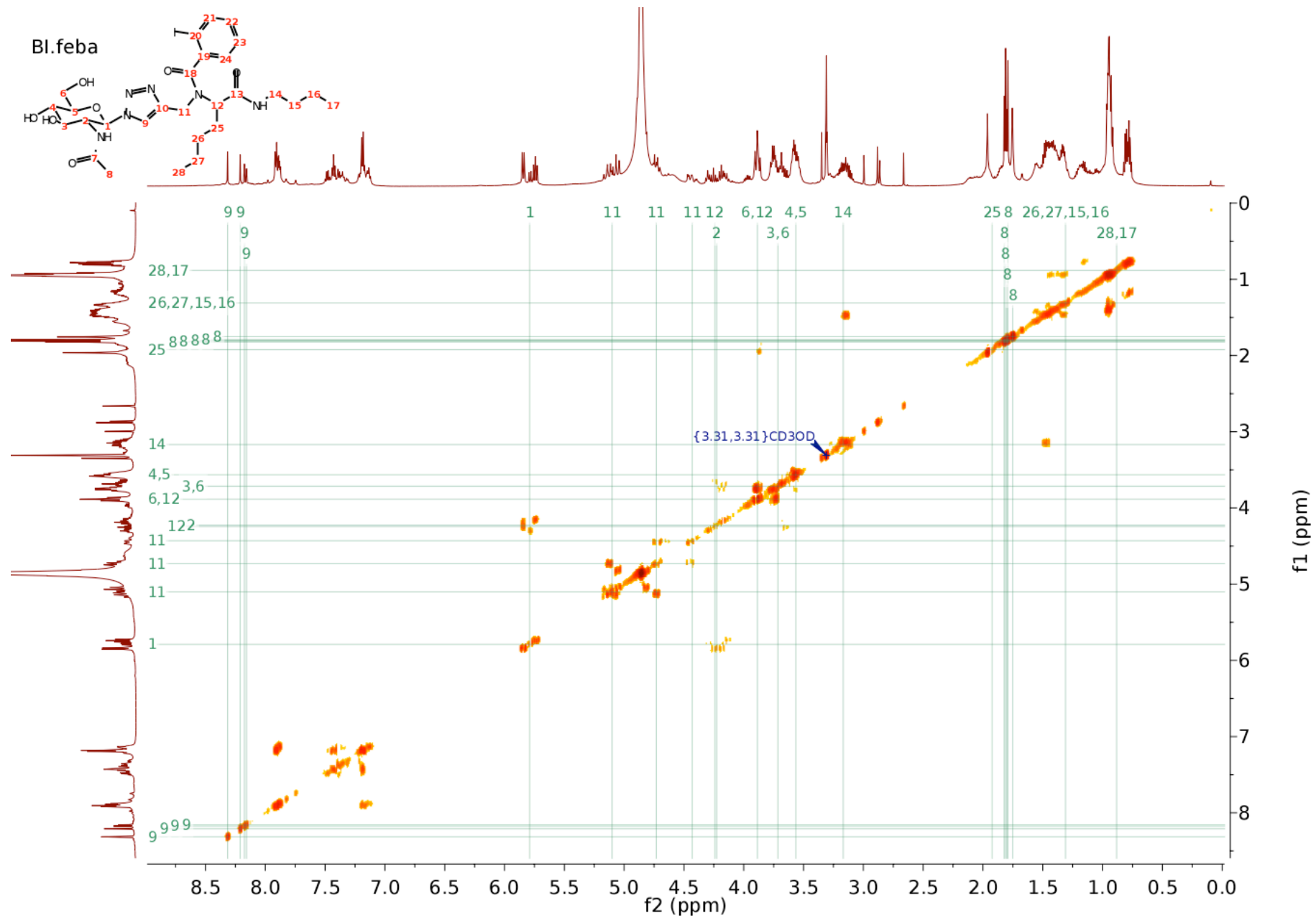
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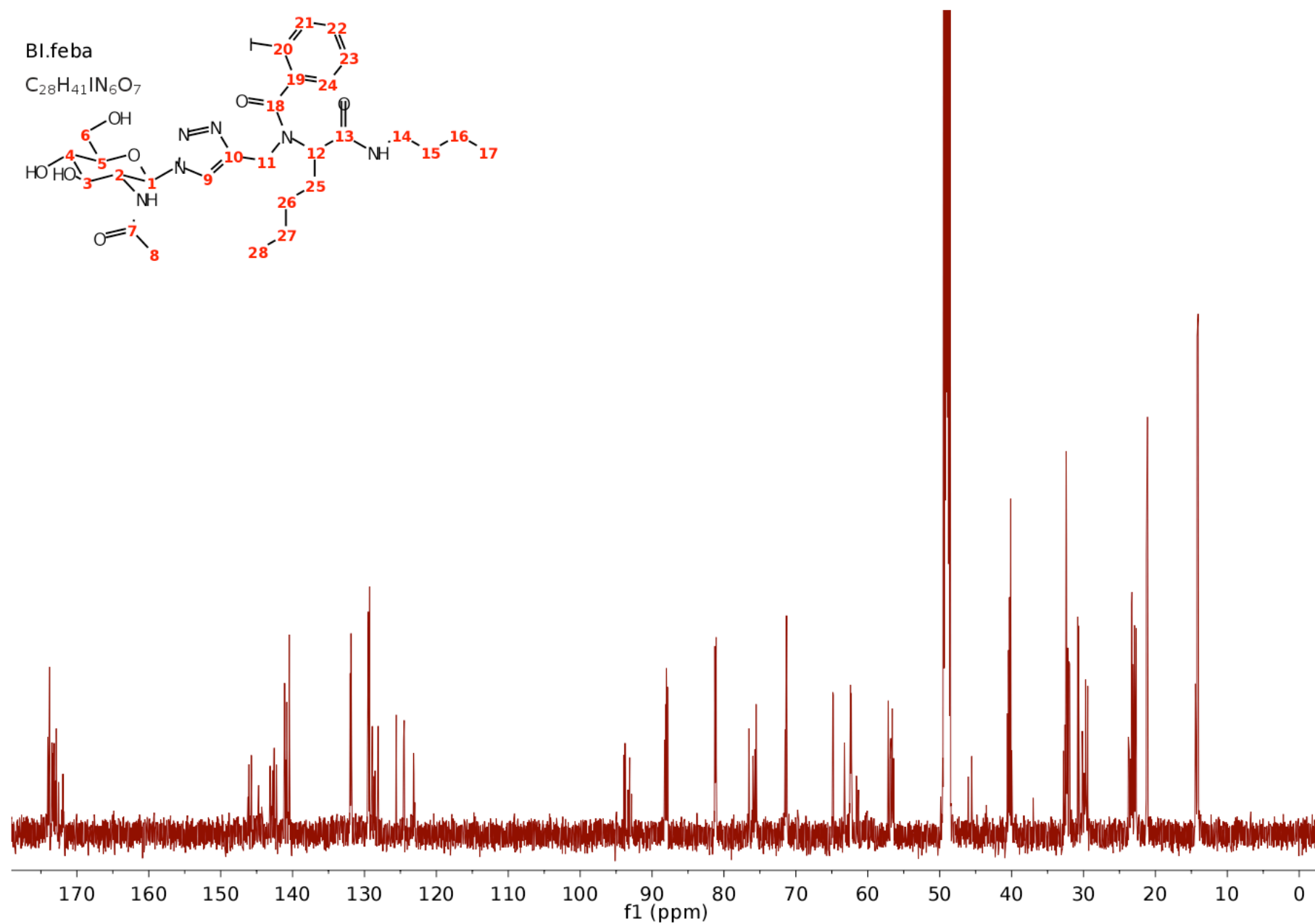
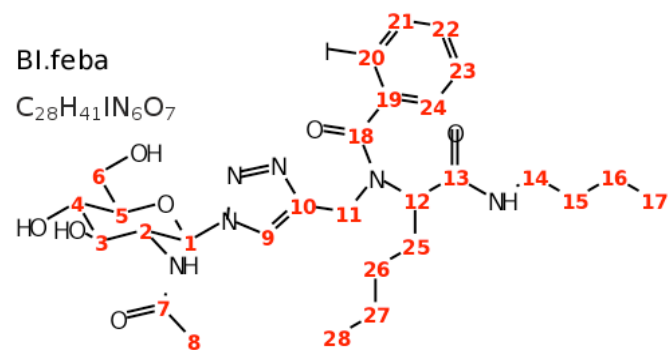
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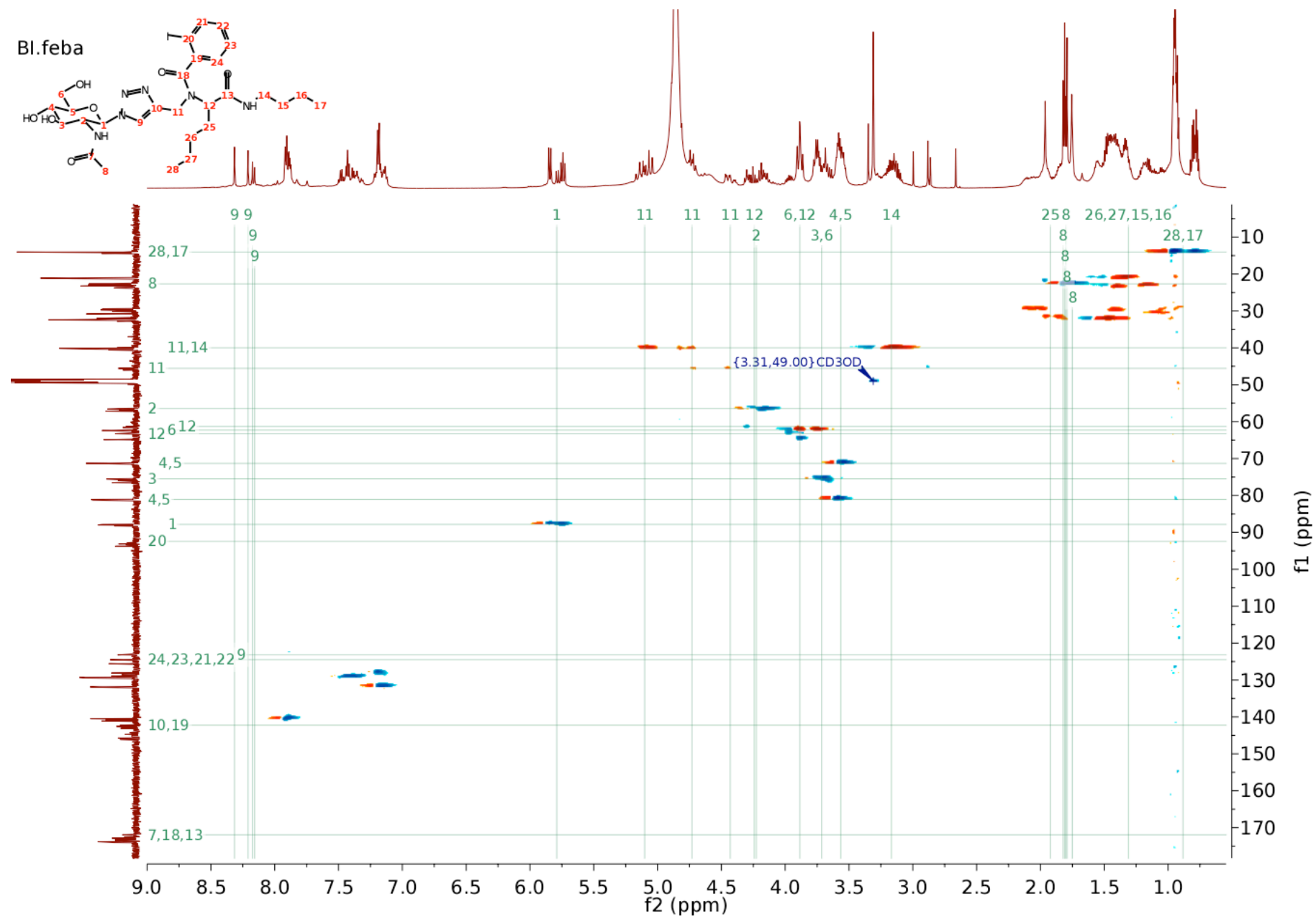
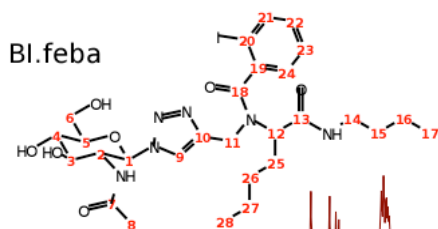


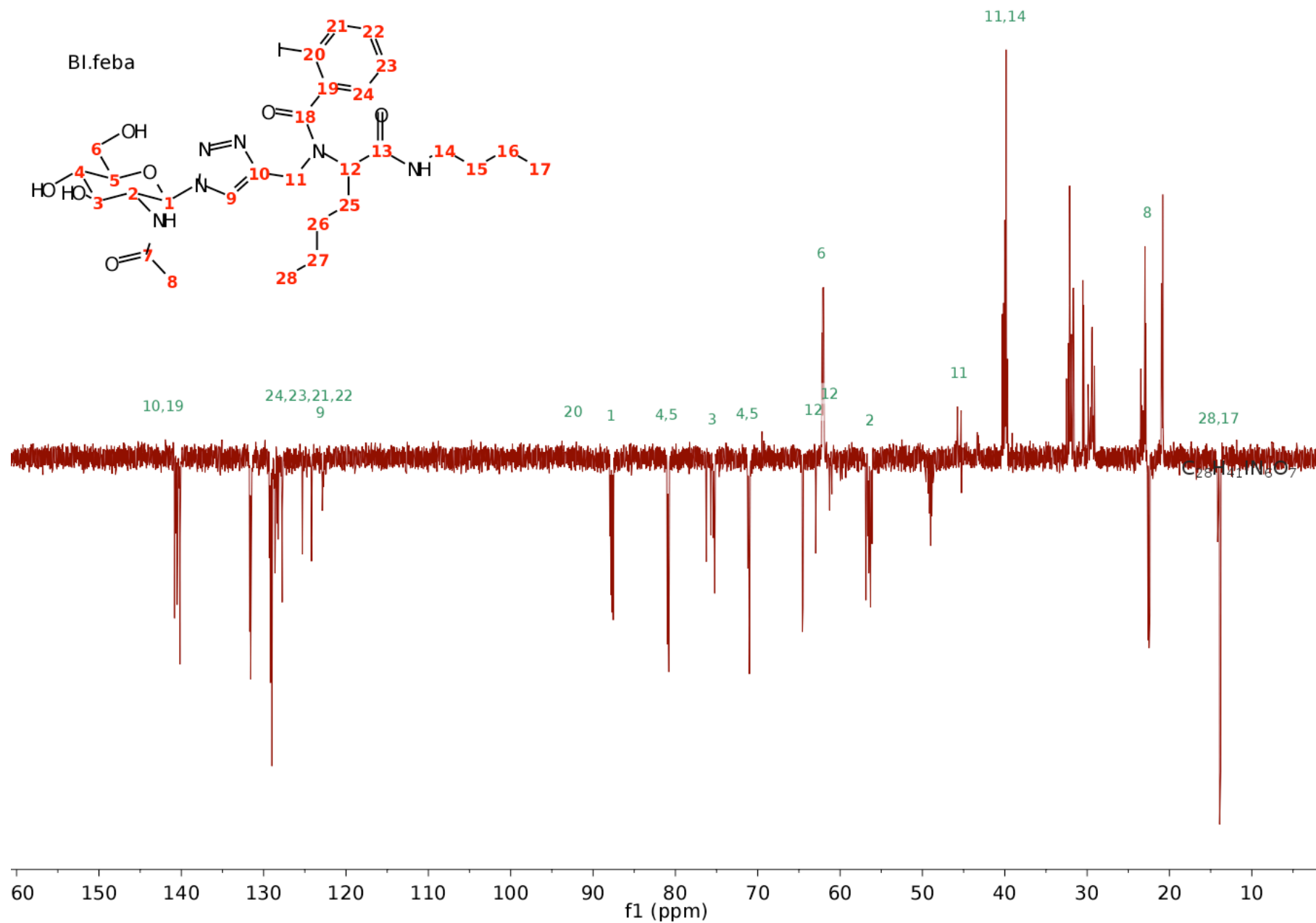
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C<sub>28</sub>H<sub>41</sub>IN<sub>6</sub>O<sub>7</sub>



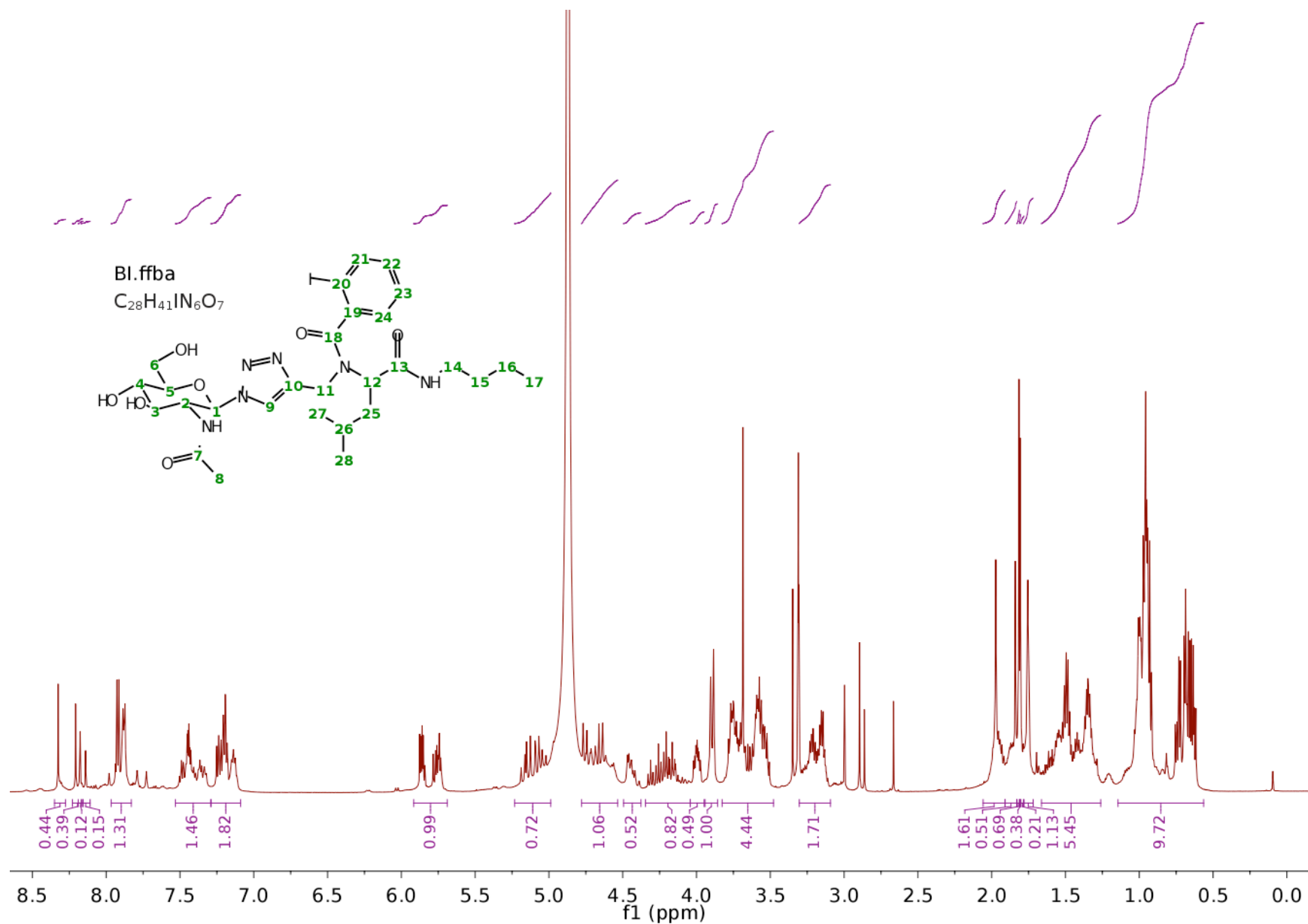
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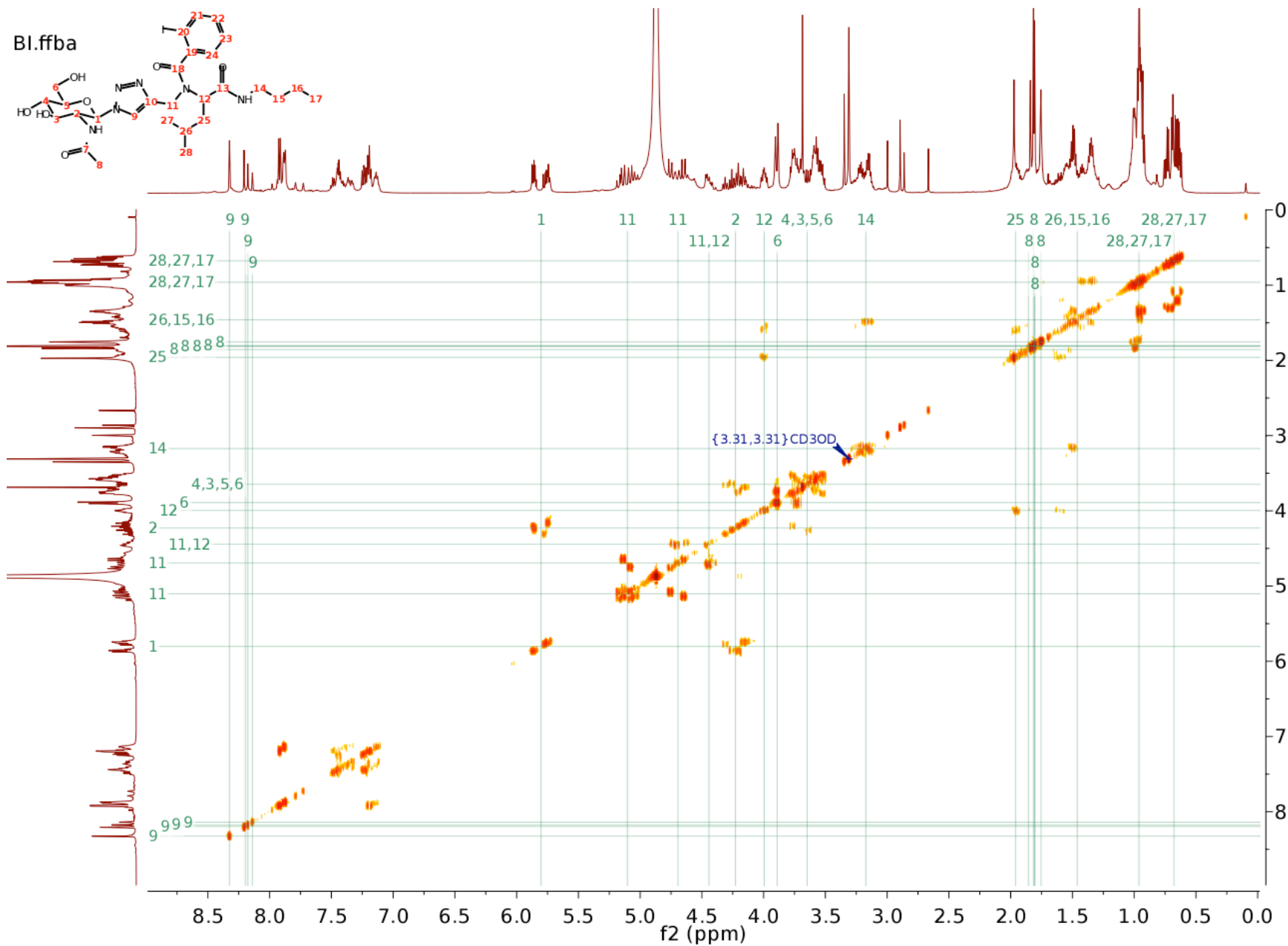






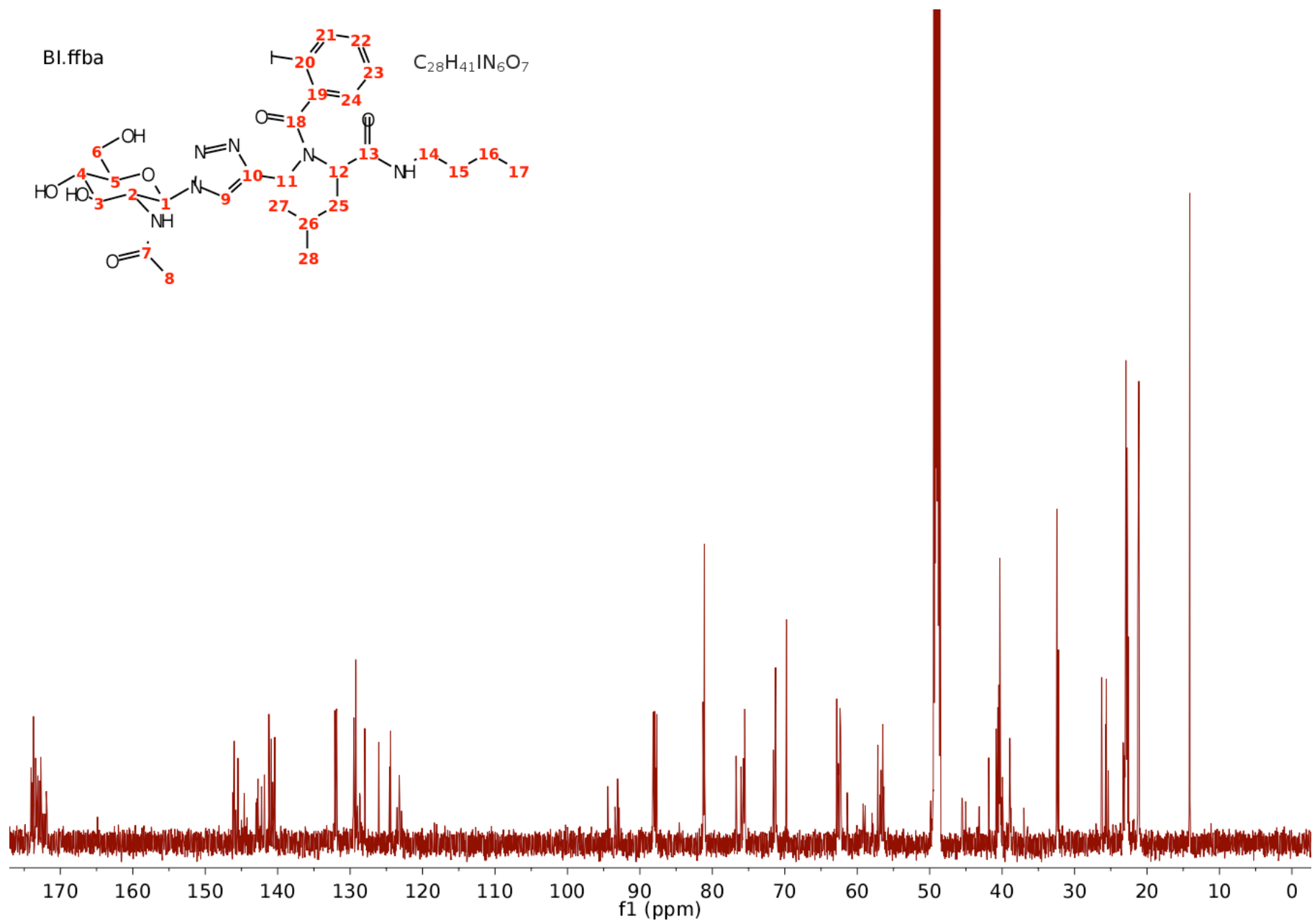
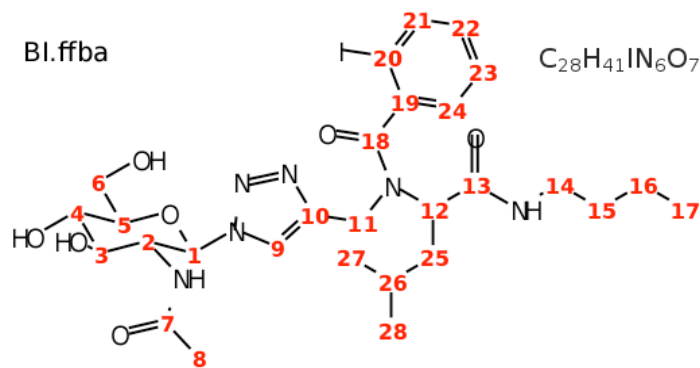
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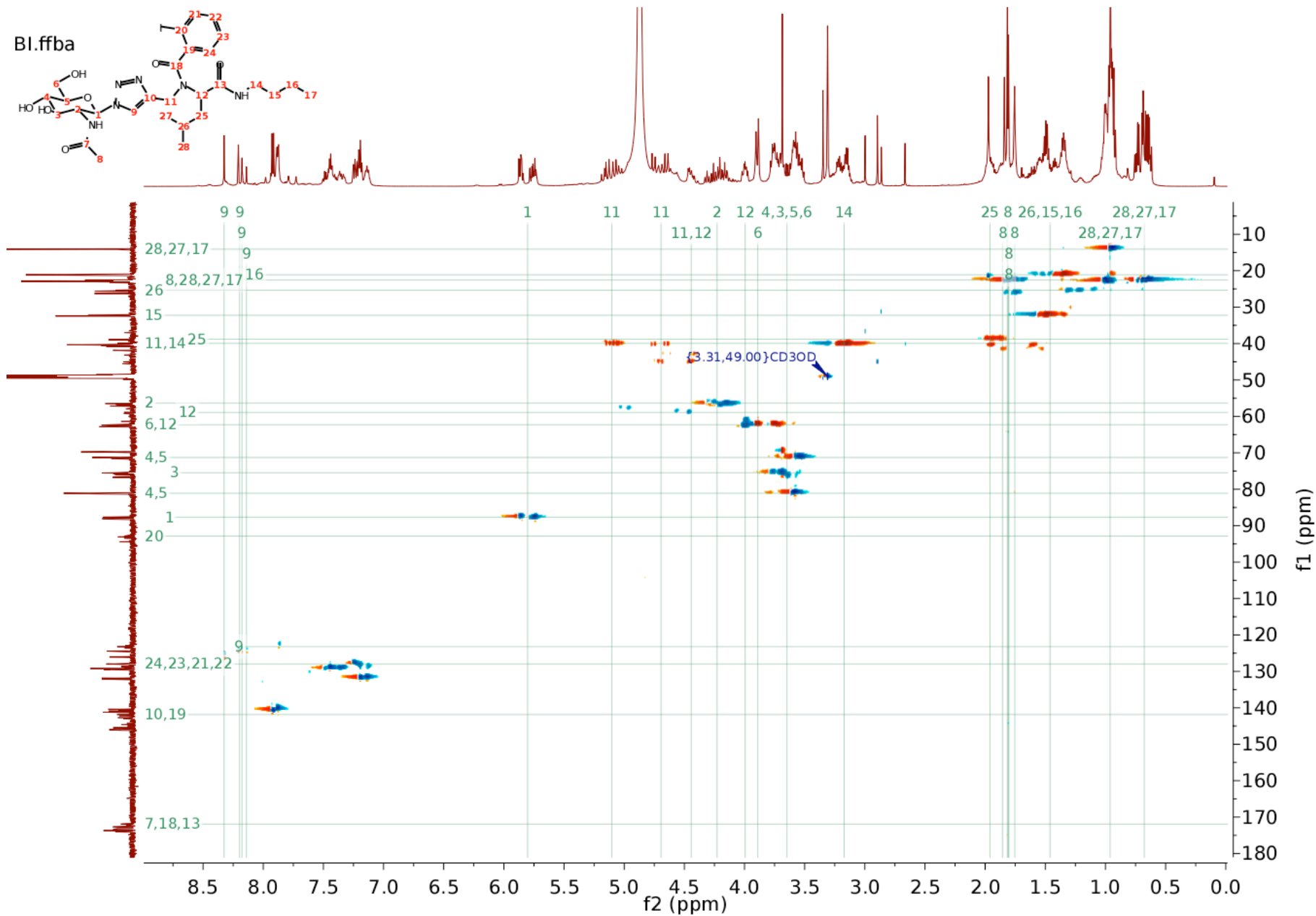




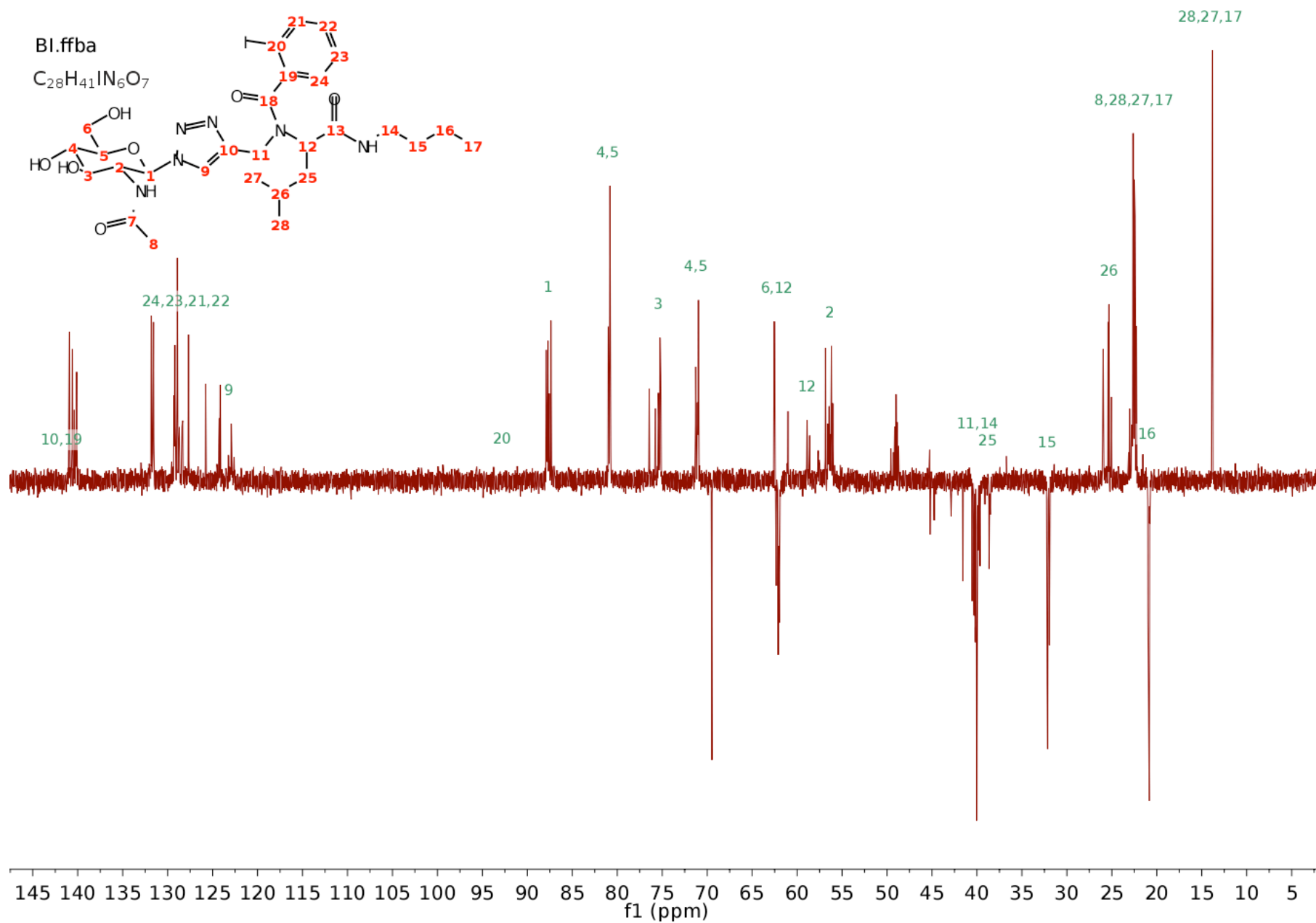
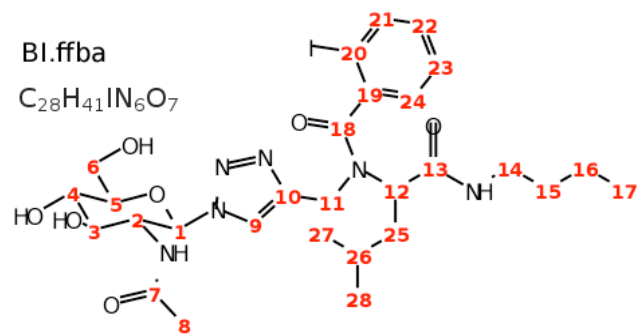
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C<sub>28</sub>H<sub>41</sub>IN<sub>6</sub>O<sub>7</sub>





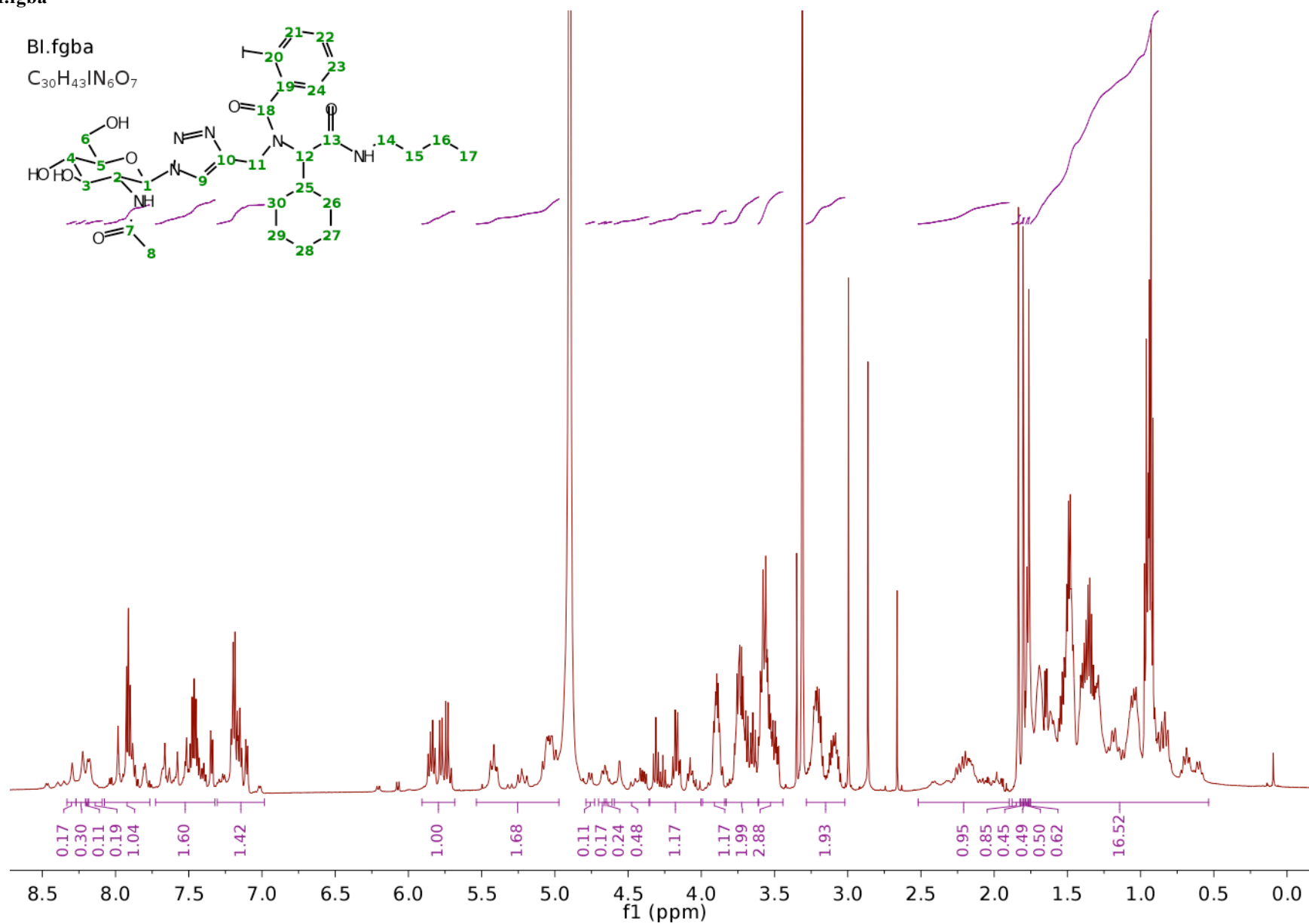
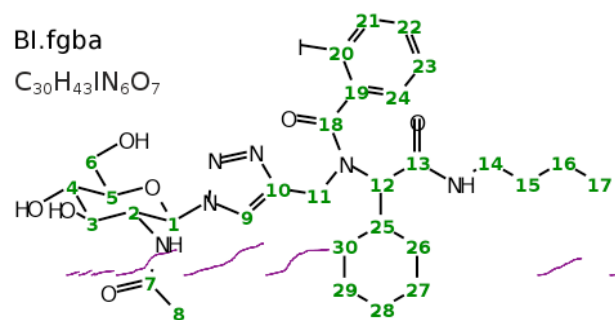
Bl.ffba  
 $C_{28}H_{41}IN_6O_7$

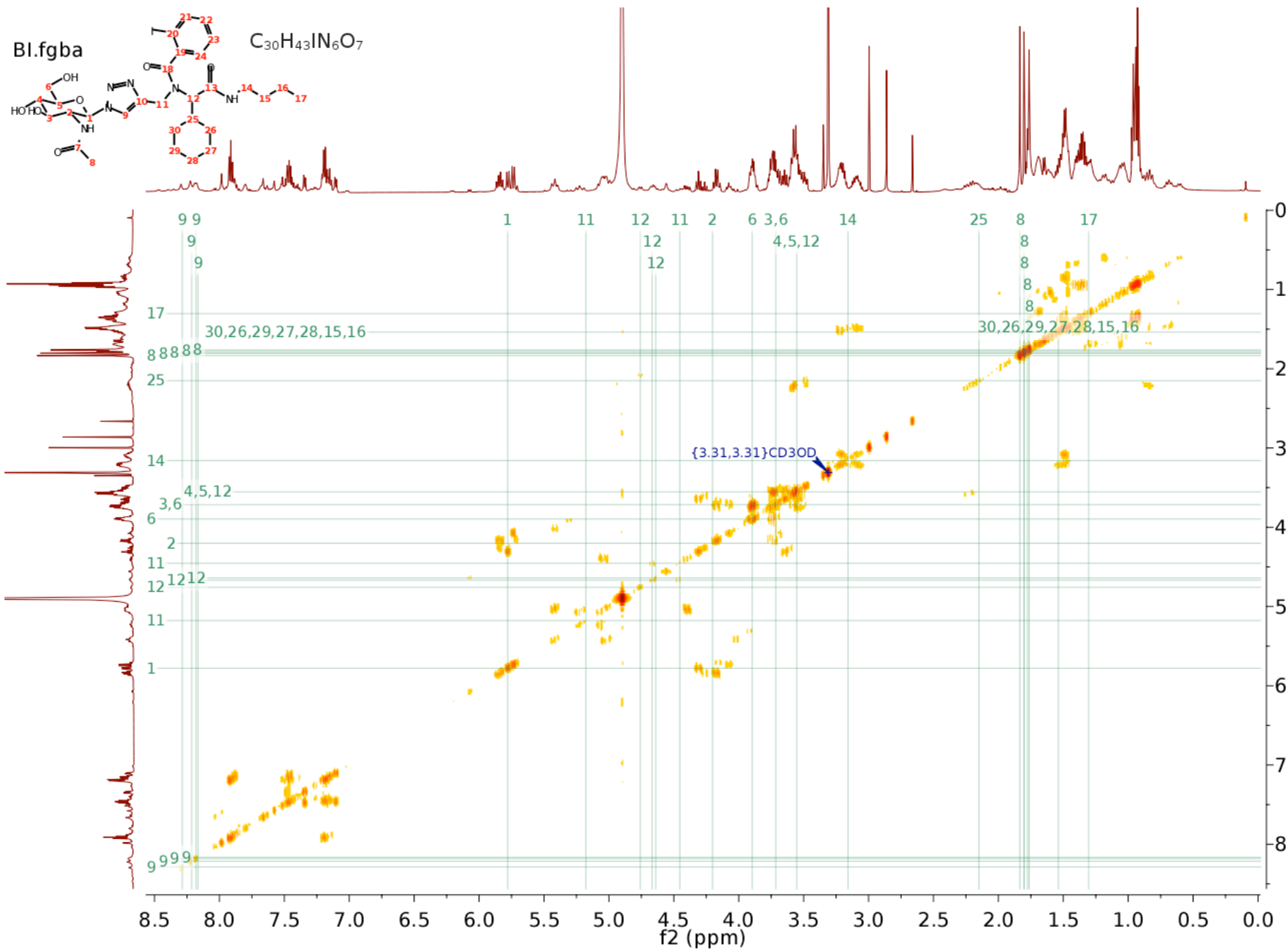


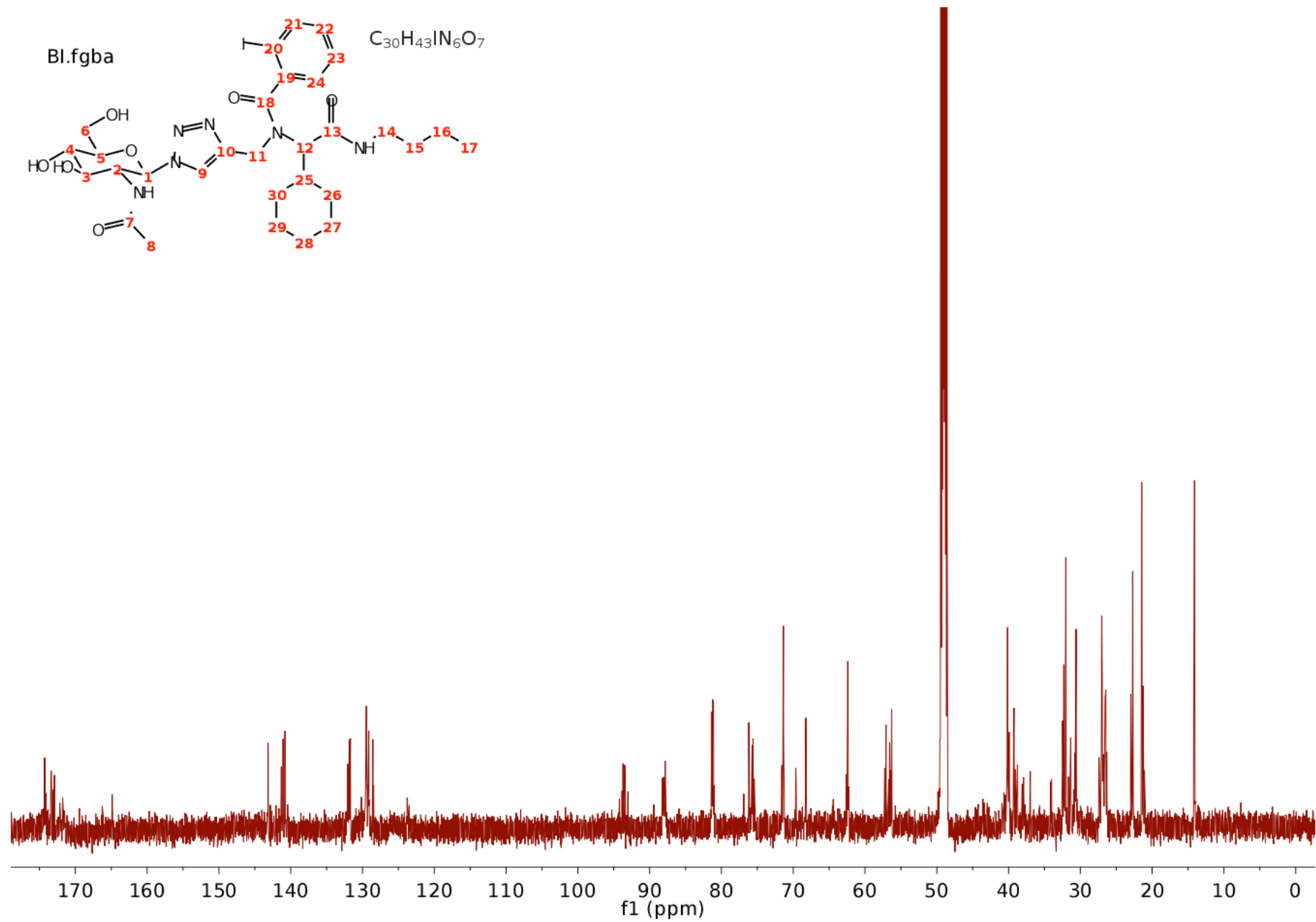
Bl.fgba

Bl.fgba

C<sub>30</sub>H<sub>43</sub>IN<sub>6</sub>O<sub>7</sub>

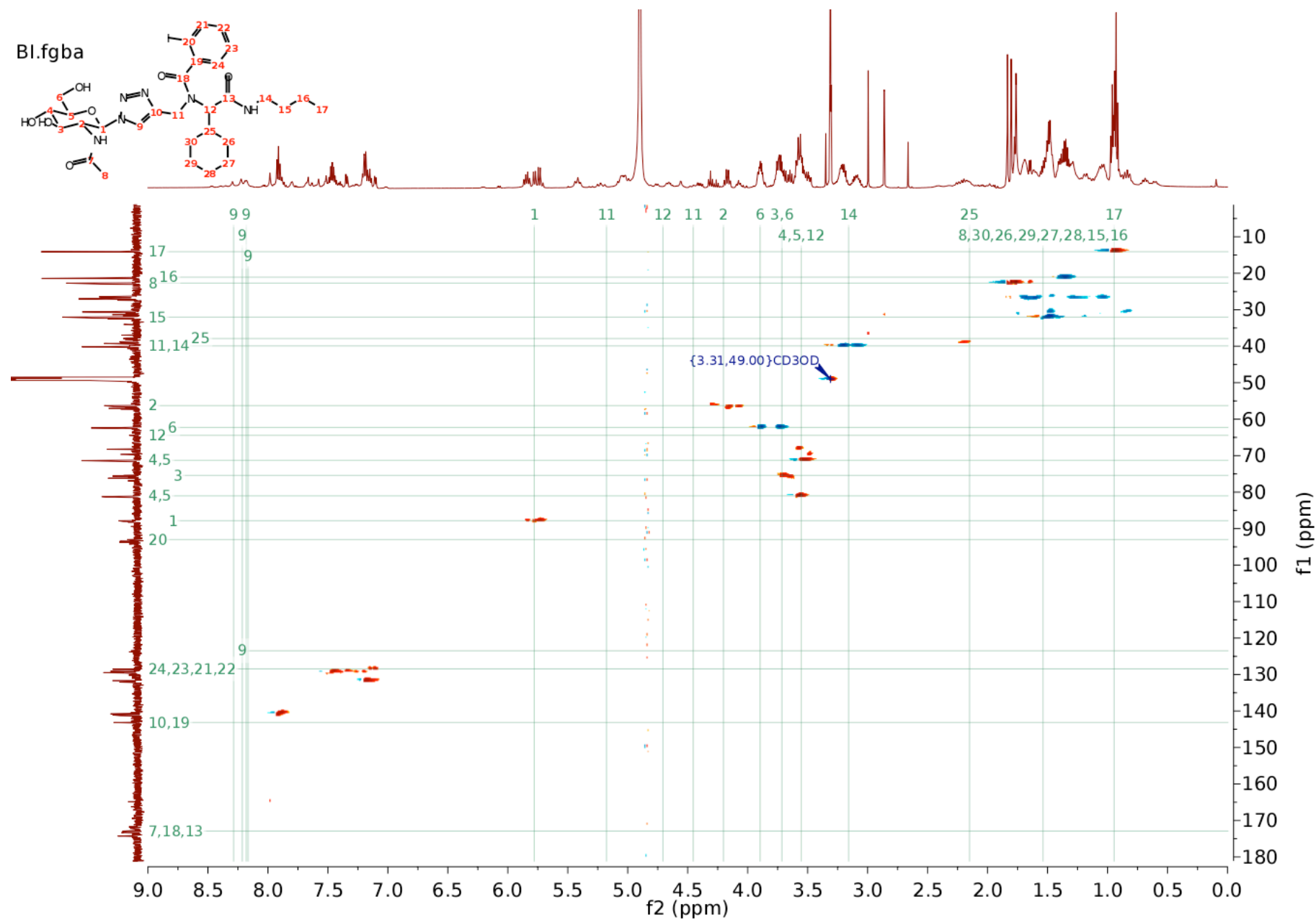
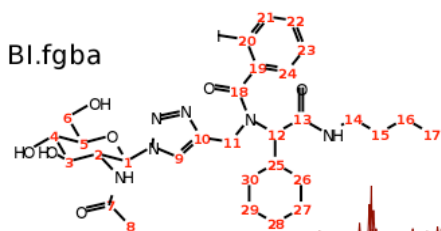


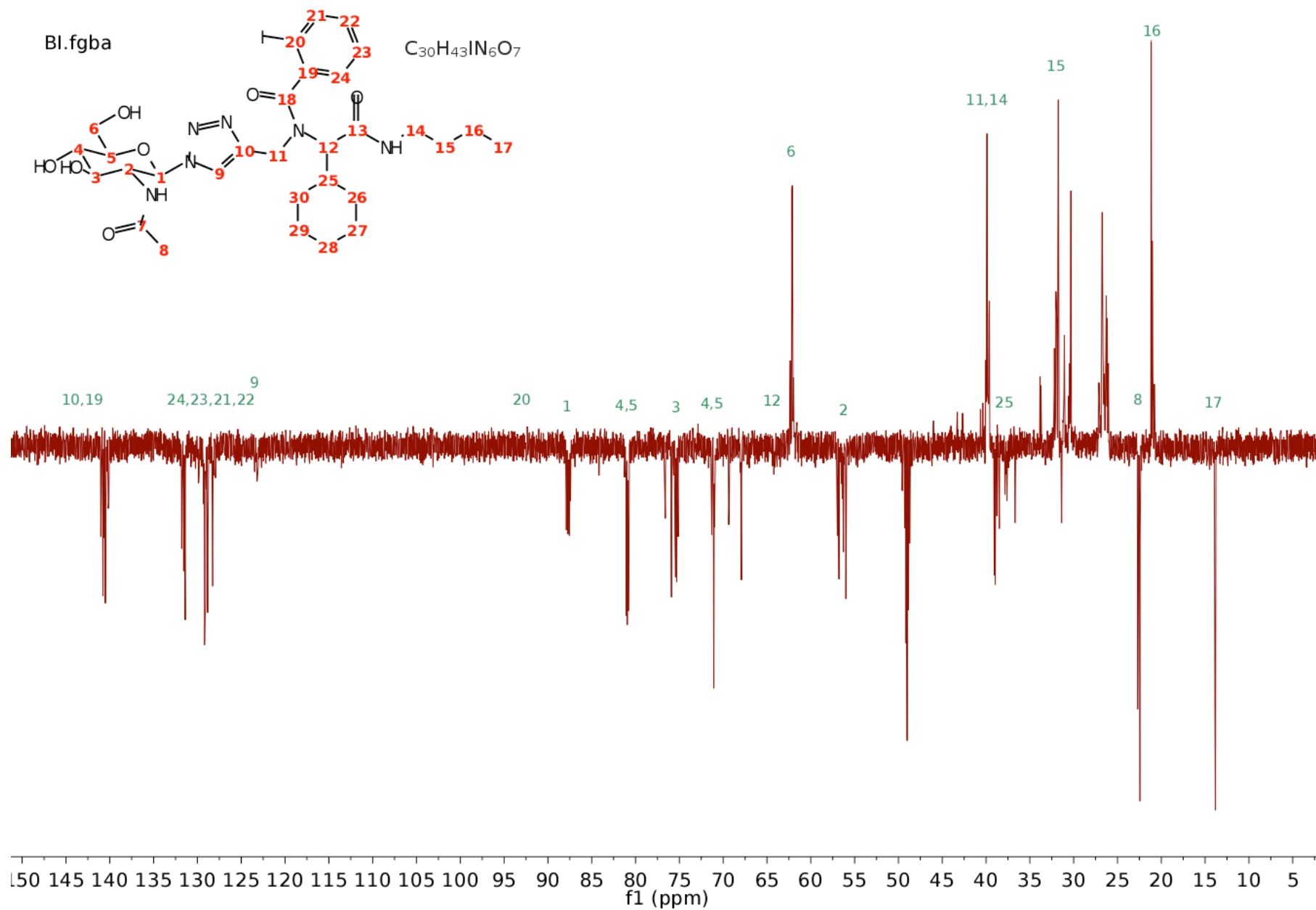






Bl.fgba





Bl.abcb

