

Nanoscale Molecular Rods with a new Building Block for Solubility

Enhancement

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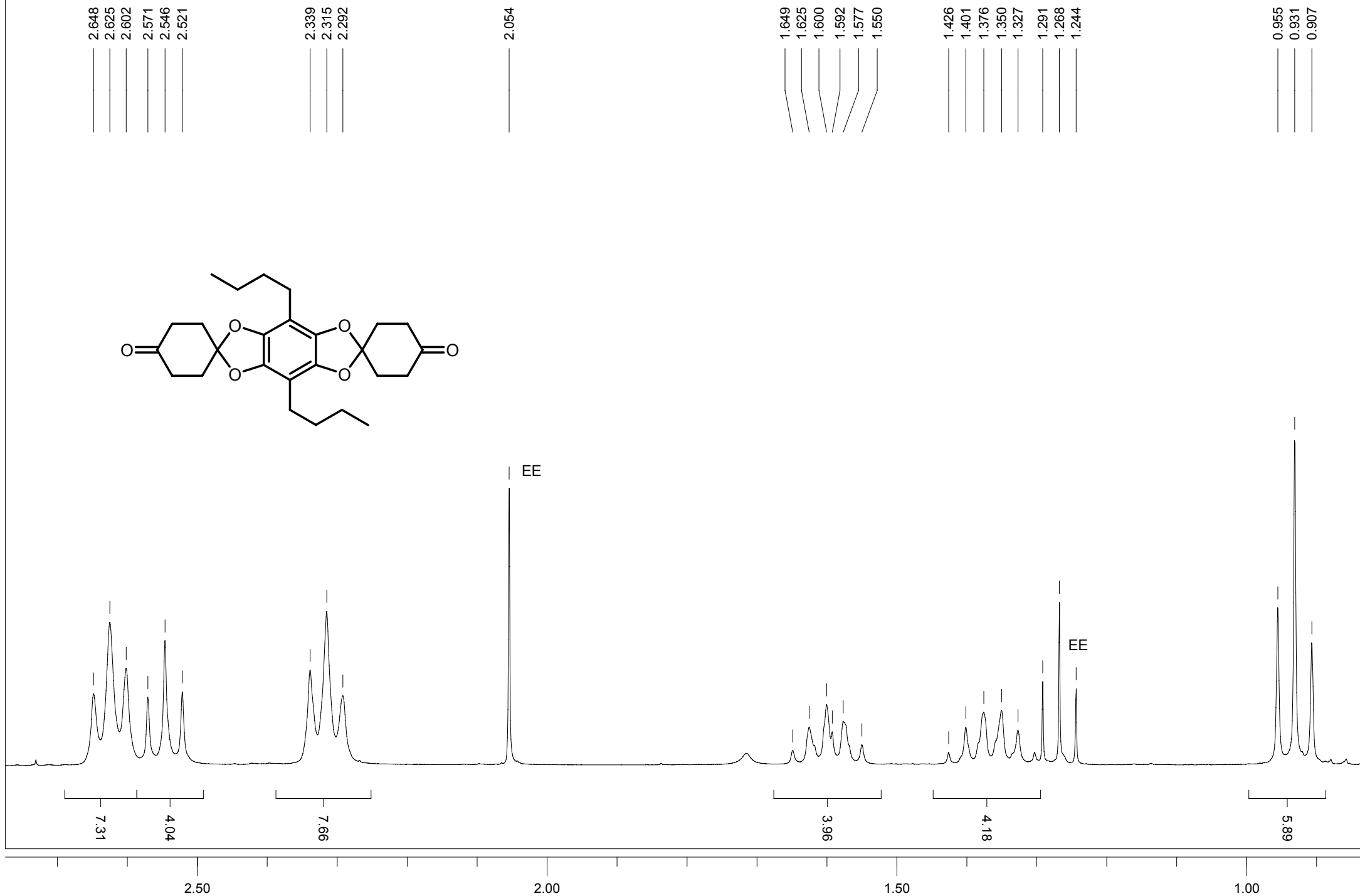
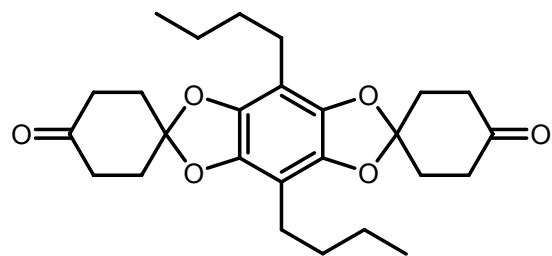
Supporting Information

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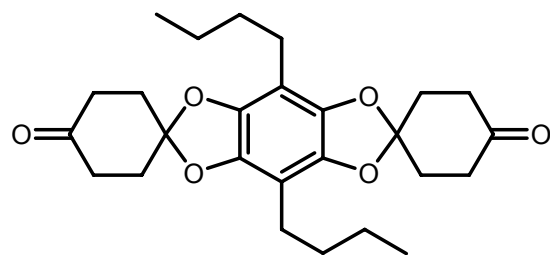
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¹ H-NMR, ¹³ C-NMR Spectra compound 14b	S 5-6
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¹ H-NMR, ¹³ C-NMR Spectra compound 27f	S 59-60
¹ H-NMR, ¹³ C-NMR Spectra compound 28	S 61-62

6



6



209.007

138.588

115.010

106.586

77.000

37.312

33.456

30.909

23.698

22.156

13.838

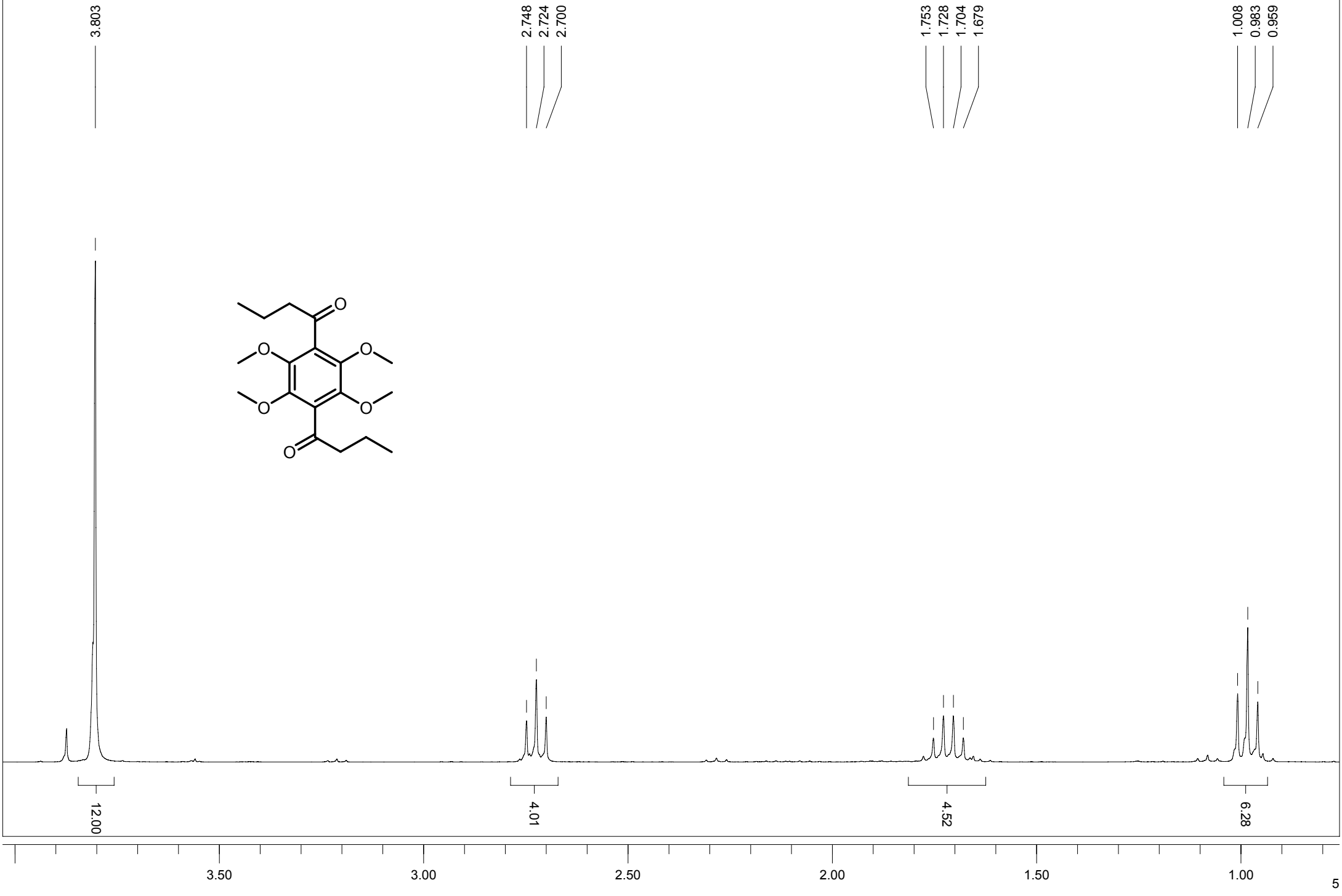
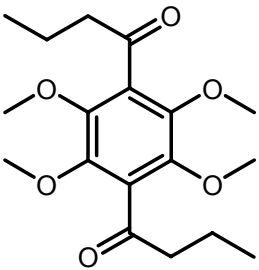
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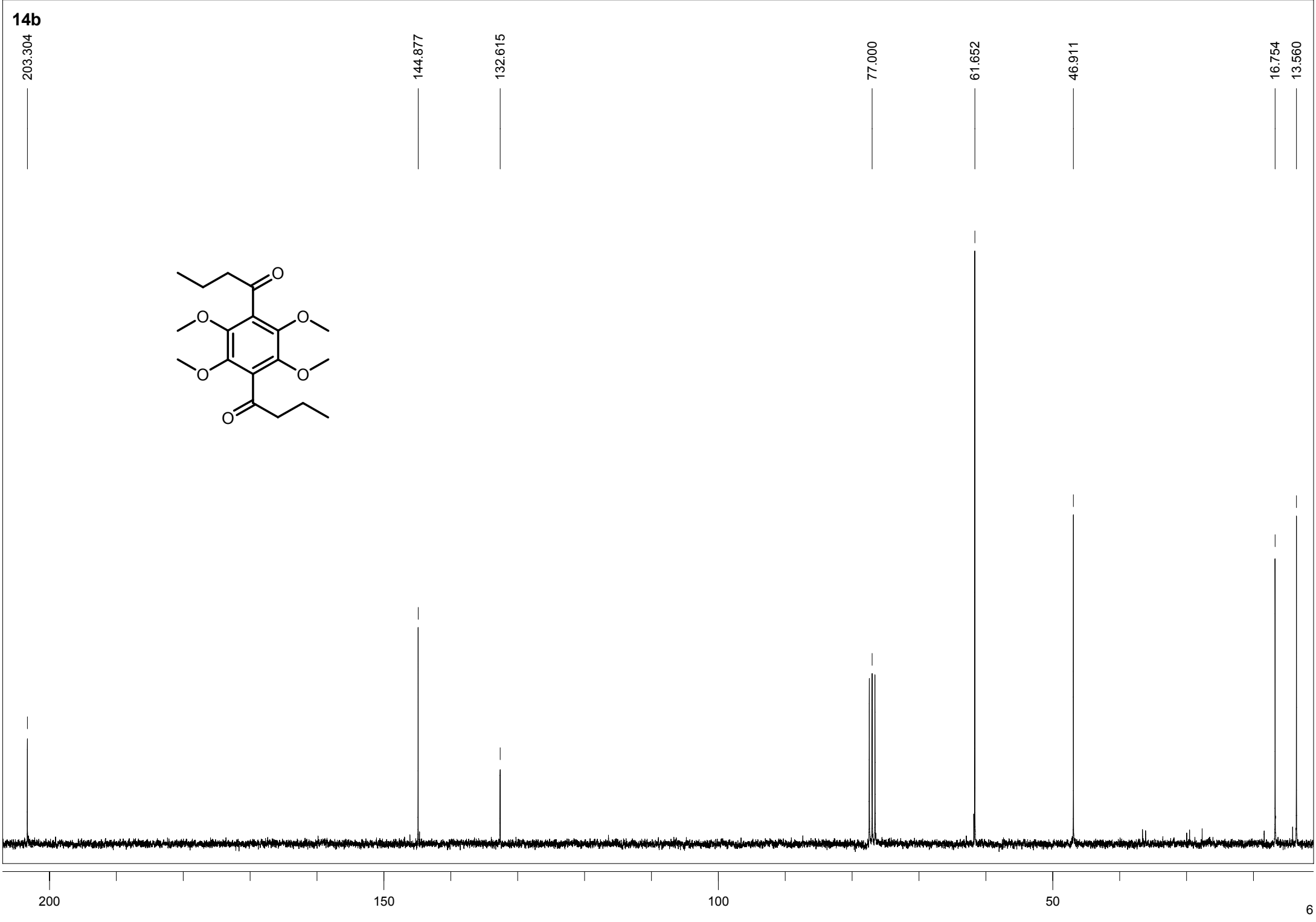
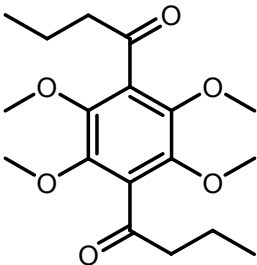
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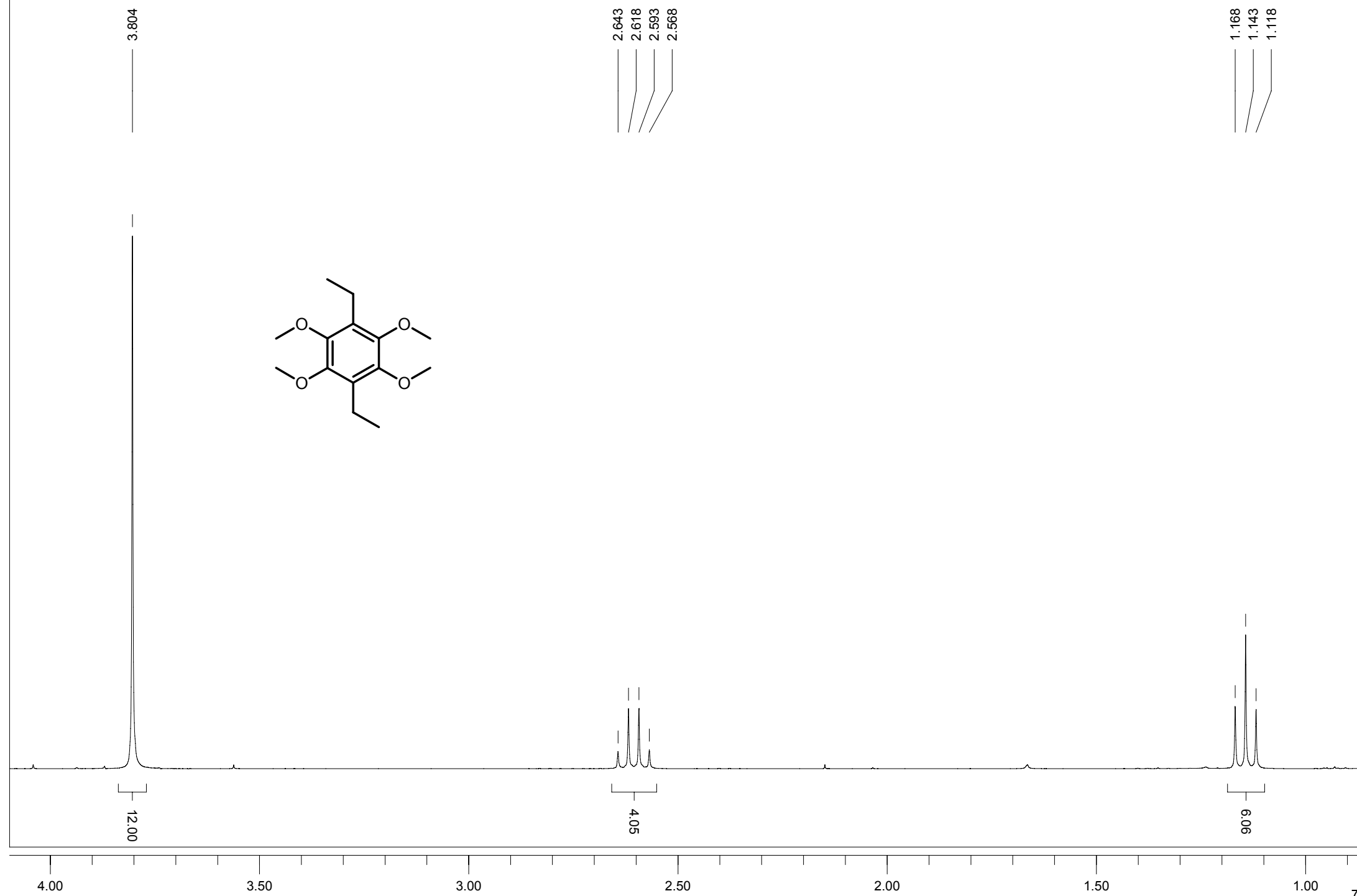
14b



14b



15a



15a

147.284

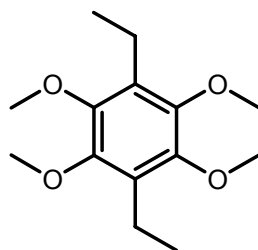
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77.000

60.587

17.693

15.510



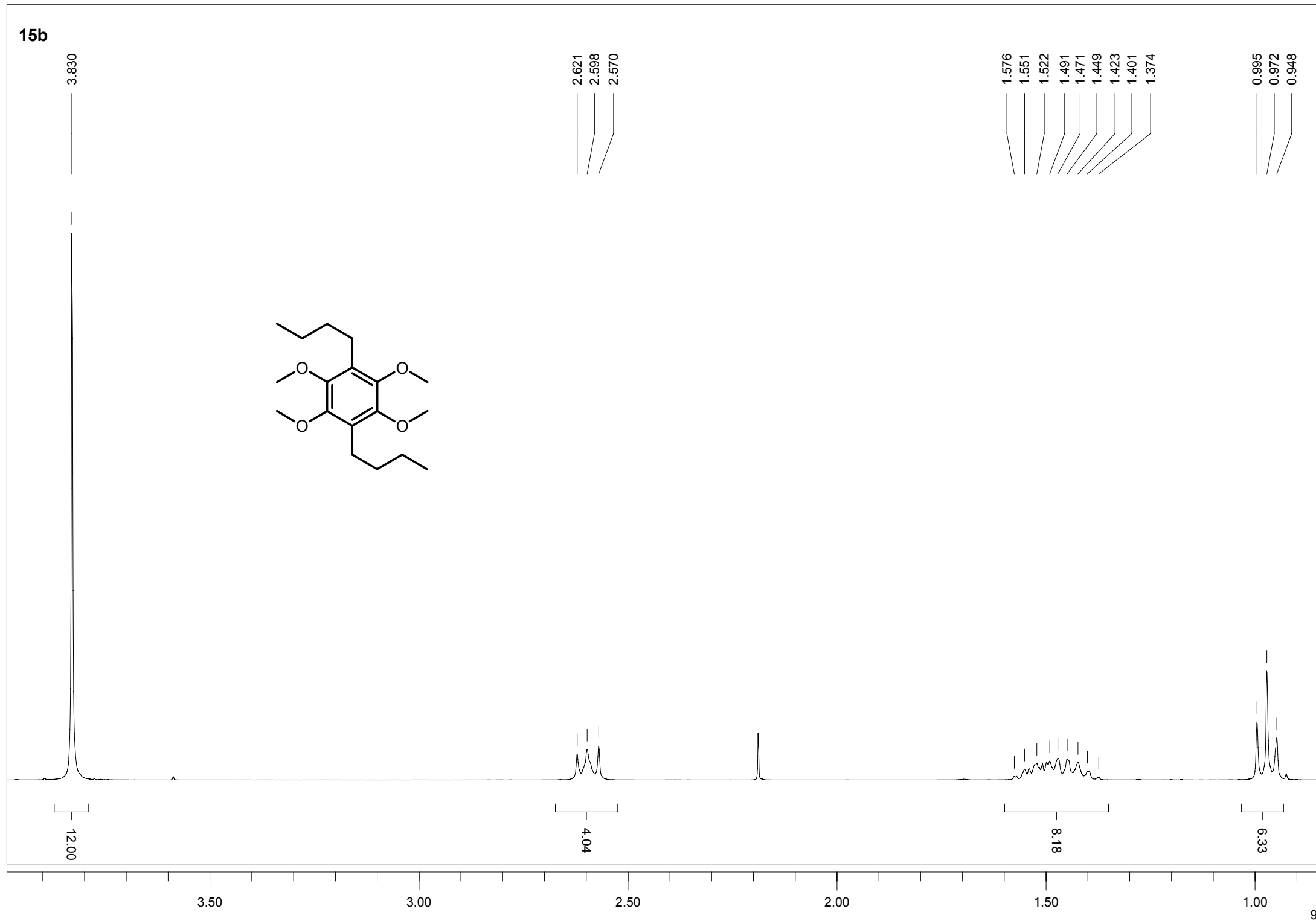
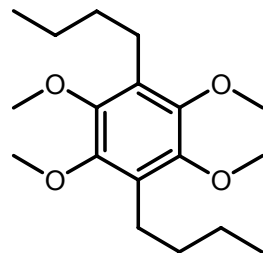
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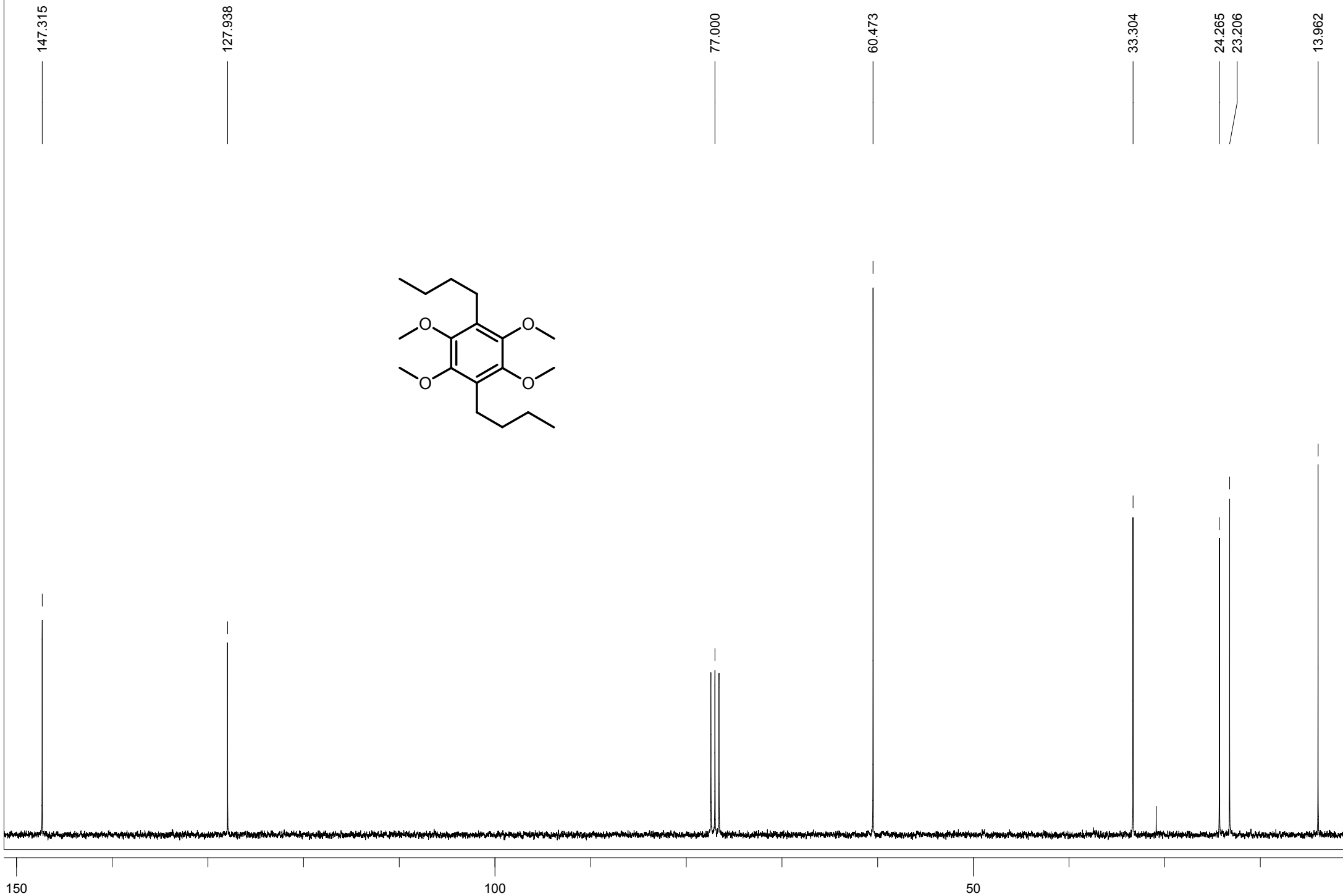
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8

15b



15b

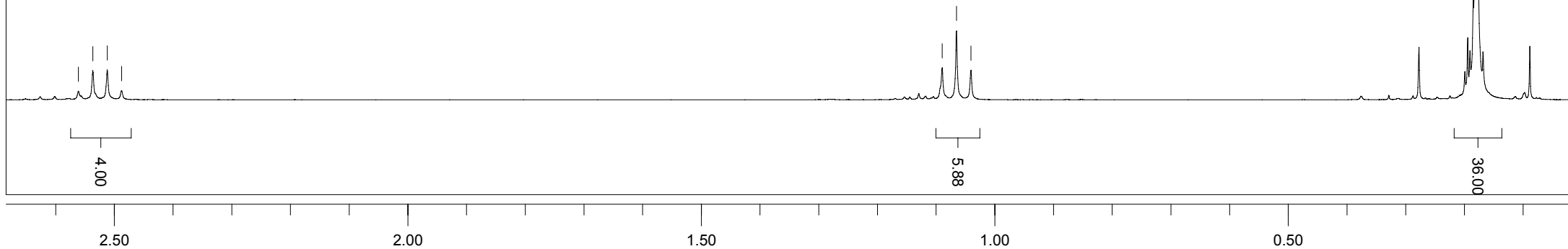
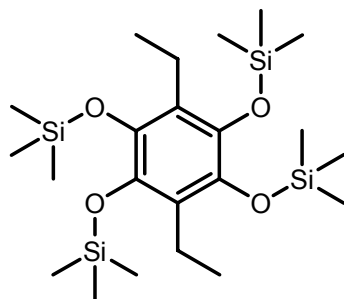


17a

2.561
2.537
2.512
2.488

1.090
1.065
1.041

0.179



17a

139.482

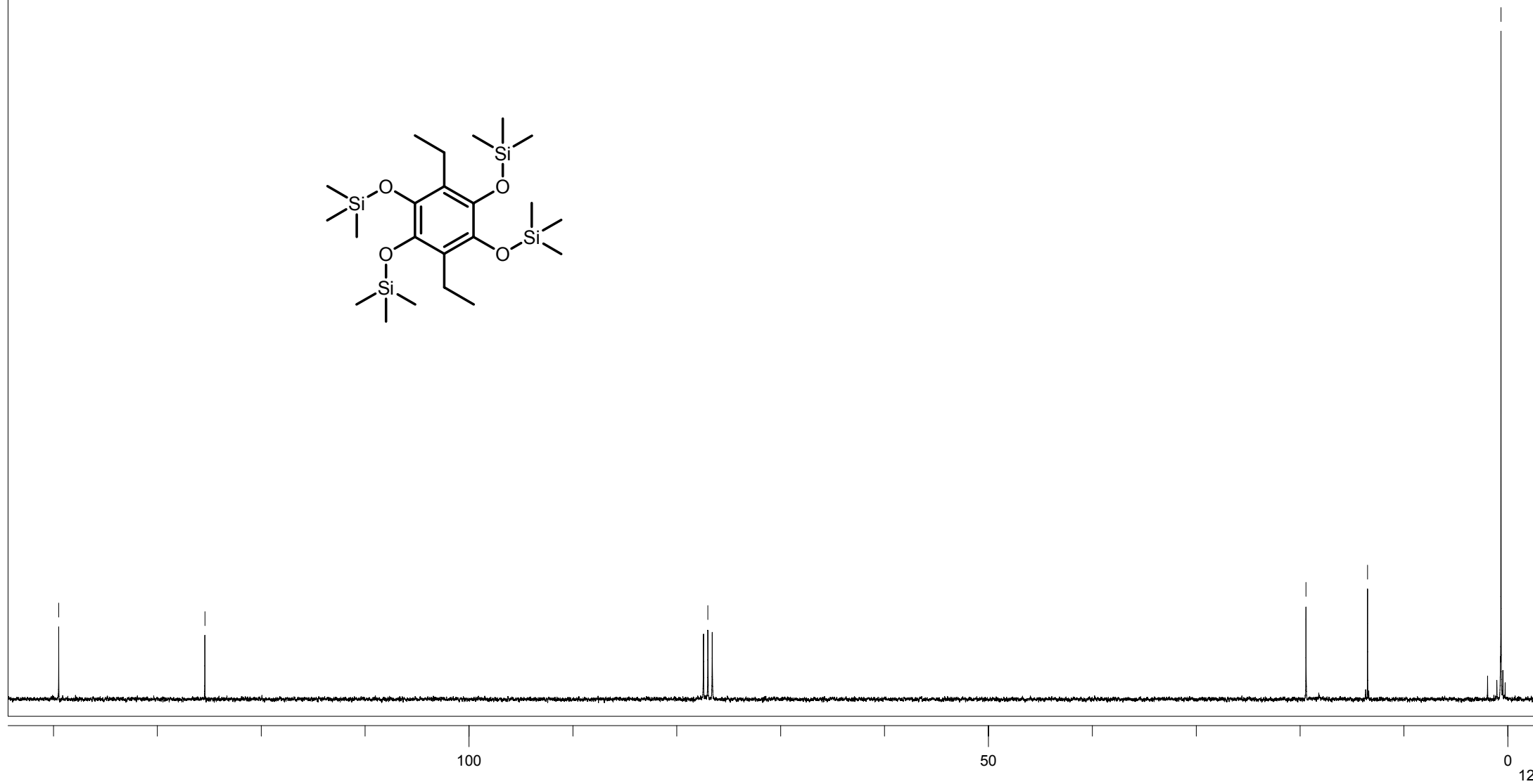
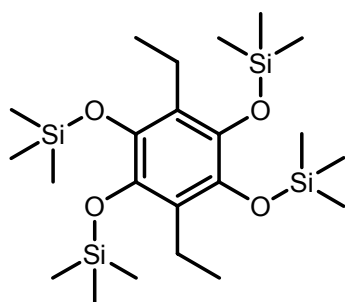
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77.000

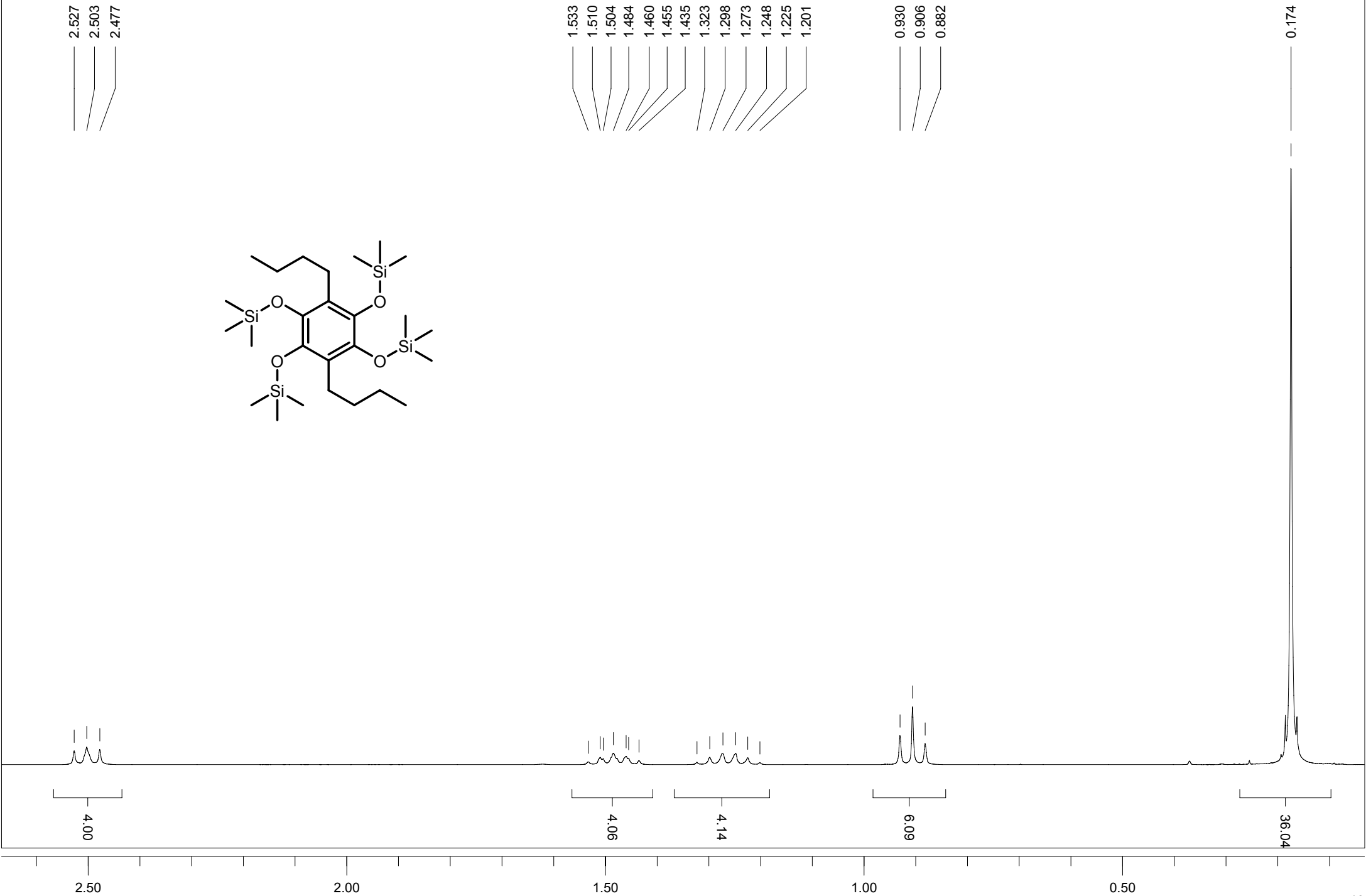
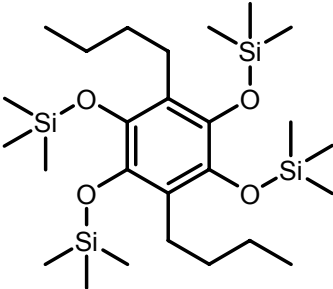
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13.499

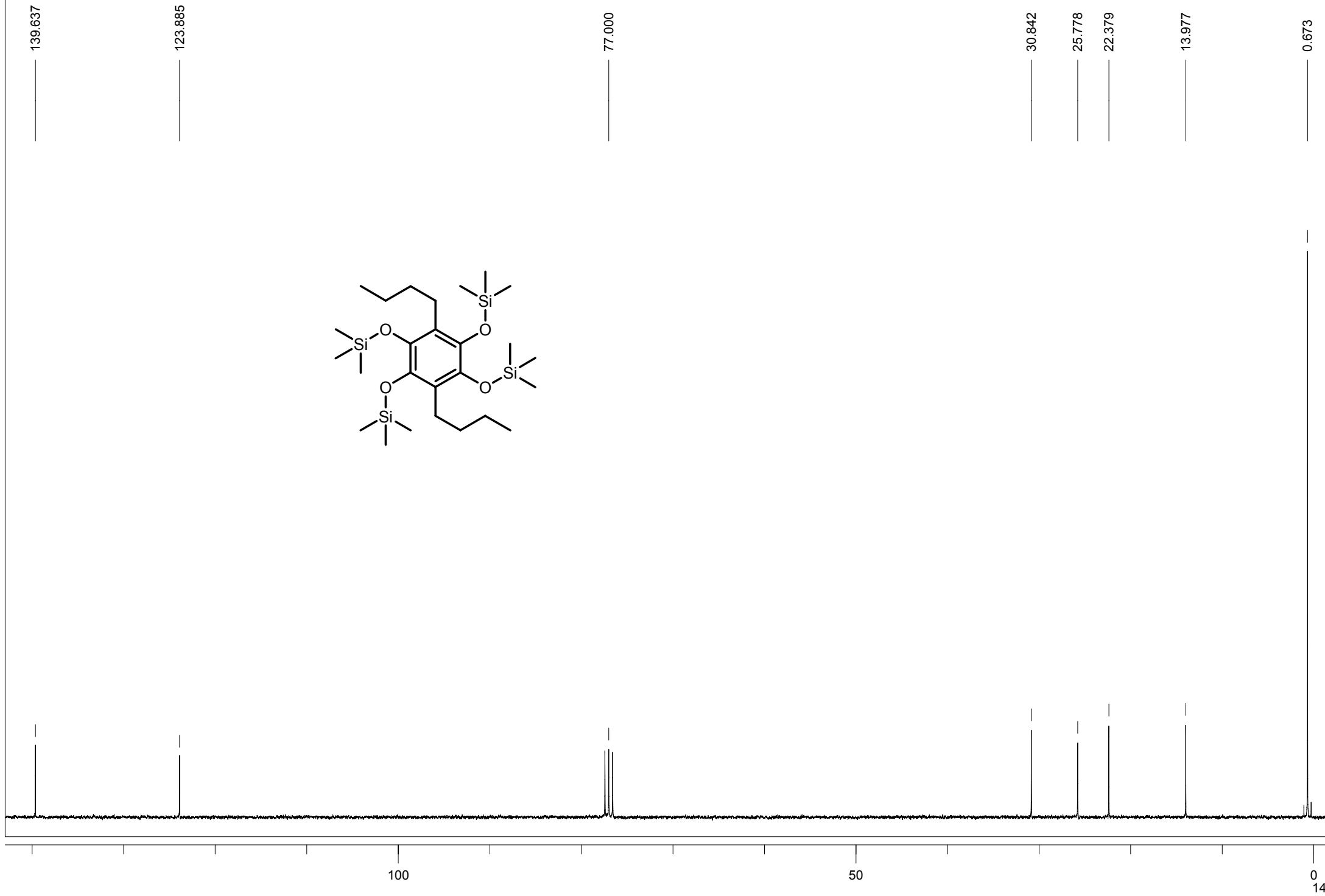
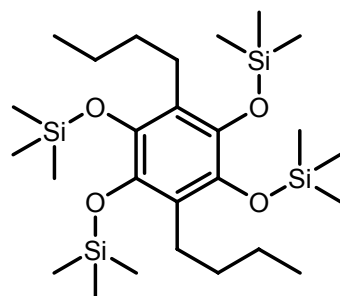
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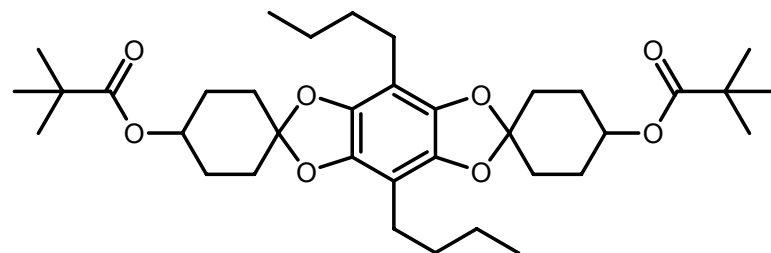
17b



17b



18

4.980
4.970
4.9612.560
2.538
2.515
2.492
2.4702.101
2.078
2.051
2.020
2.000
1.925
1.859
1.654
1.589
1.5231.420
1.369
1.297
1.2410.968
0.957
0.944
0.932
0.922
0.908
0.897

2.00

3.99

16.29

4.13

4.34

18.25

6.20

5.0

4.0

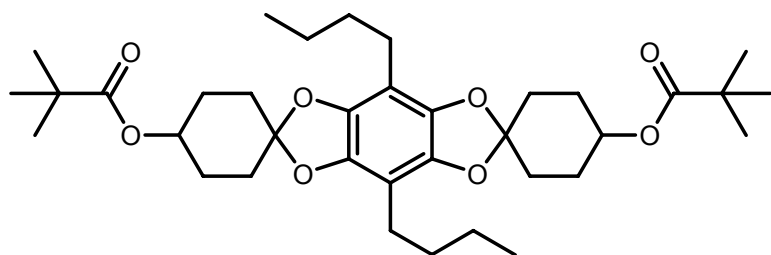
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2.0

1.0

15

18



177.878

138.462

116.152

106.099

77.000

68.675

38.839

30.893

30.630

27.456

27.163

23.675

22.124

13.871

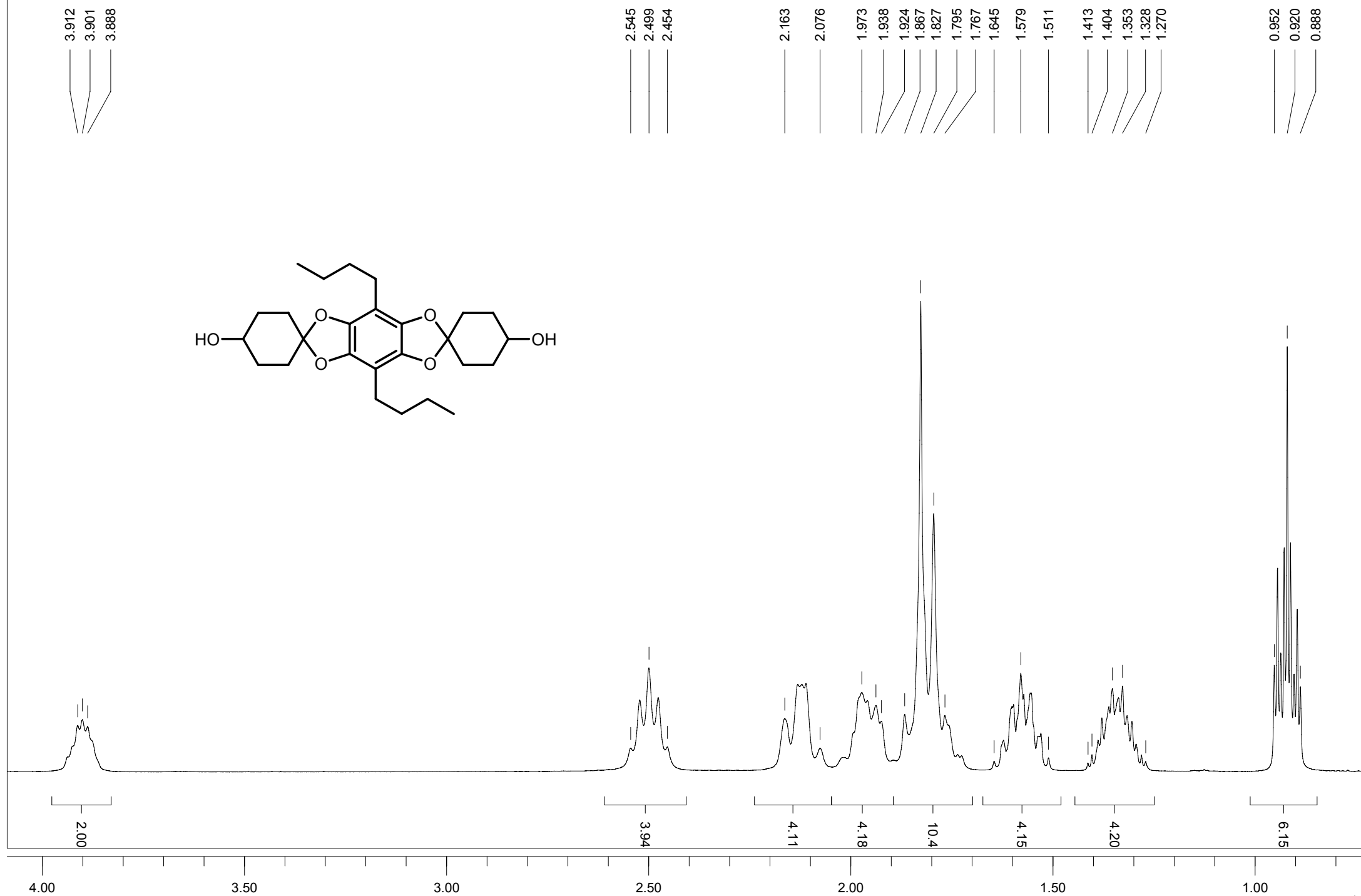
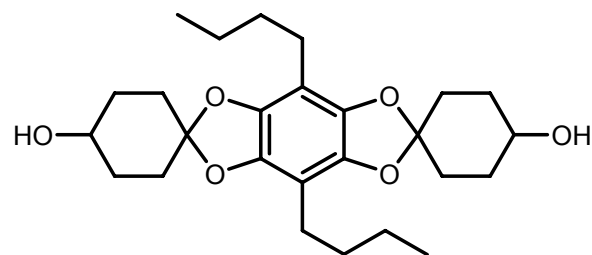
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100

50

16

19



19

138.518
138.464

116.268

106.072

77.000

67.583

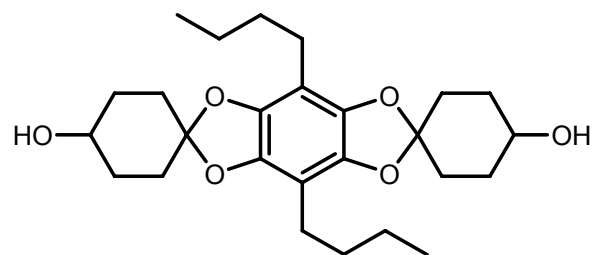
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30.826

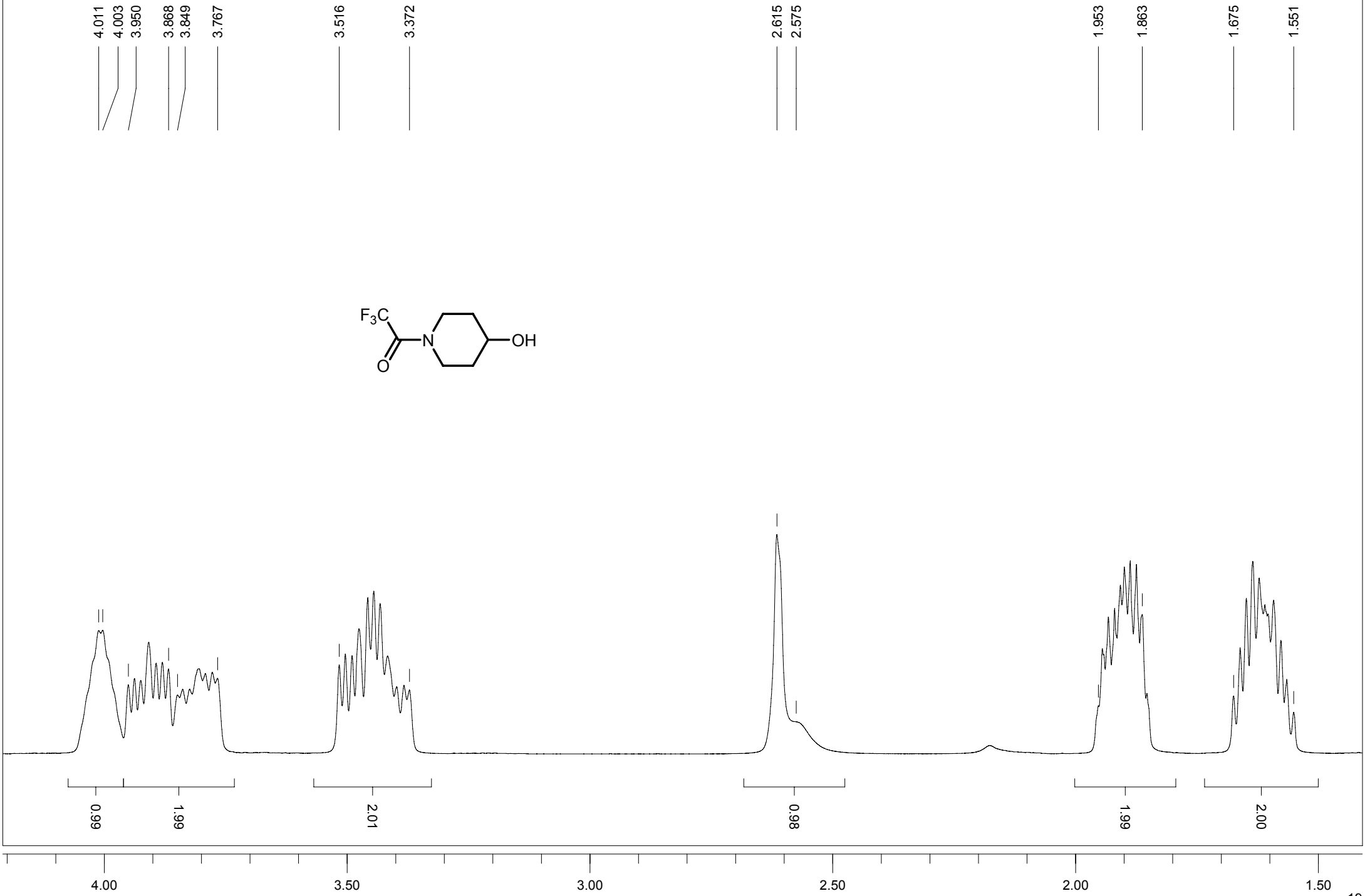
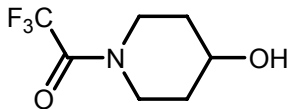
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22.096

13.842



21a



21a

156.088
155.617
155.144
154.671

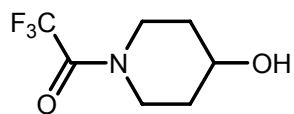
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77.000

65.556

42.552
42.505
40.457

34.000
33.148



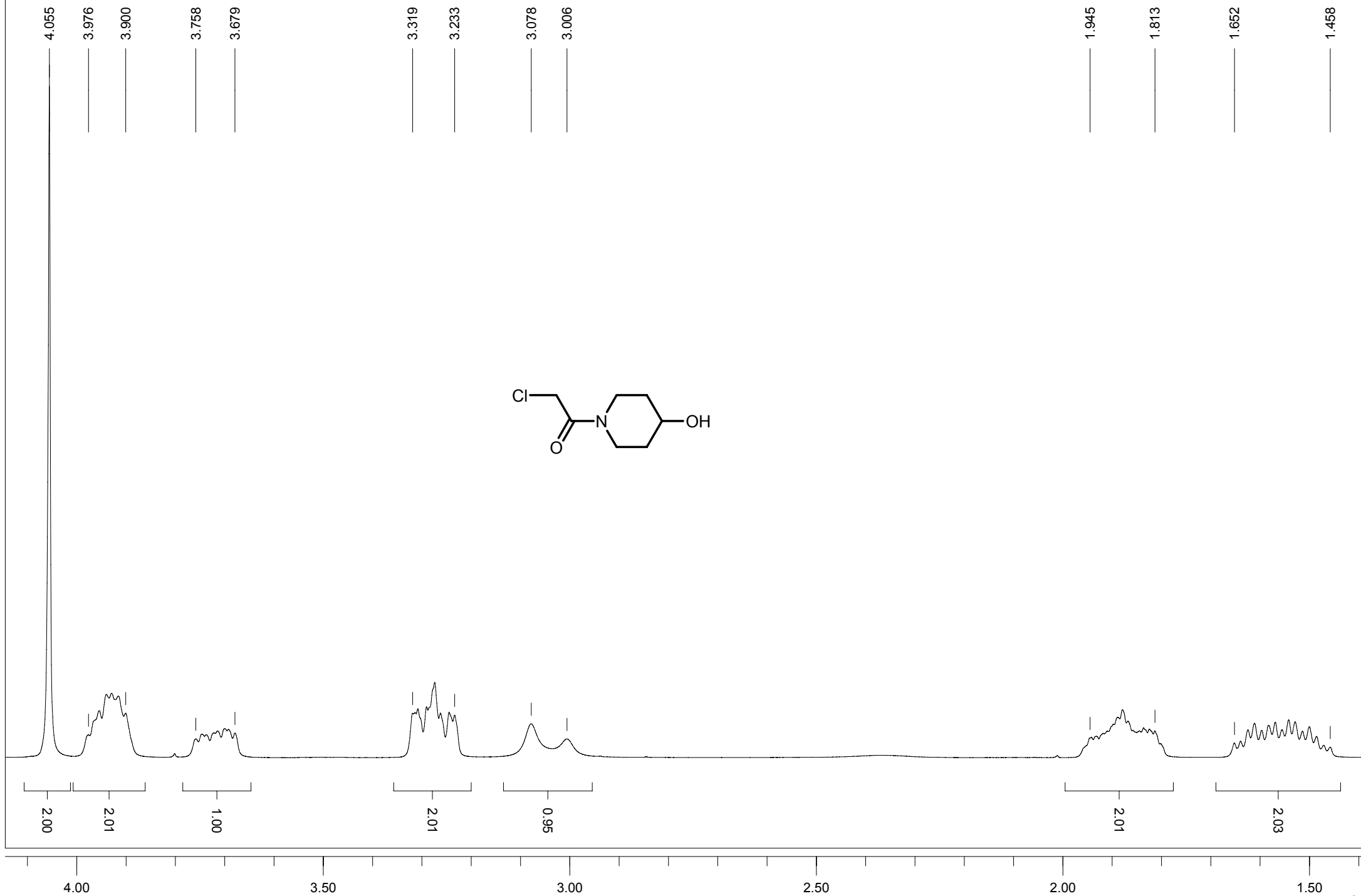
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100

50

20

21b



21b

164.982

77.000

66.063

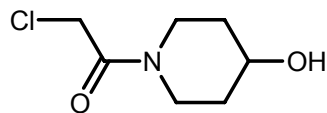
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39.415

34.034

33.311



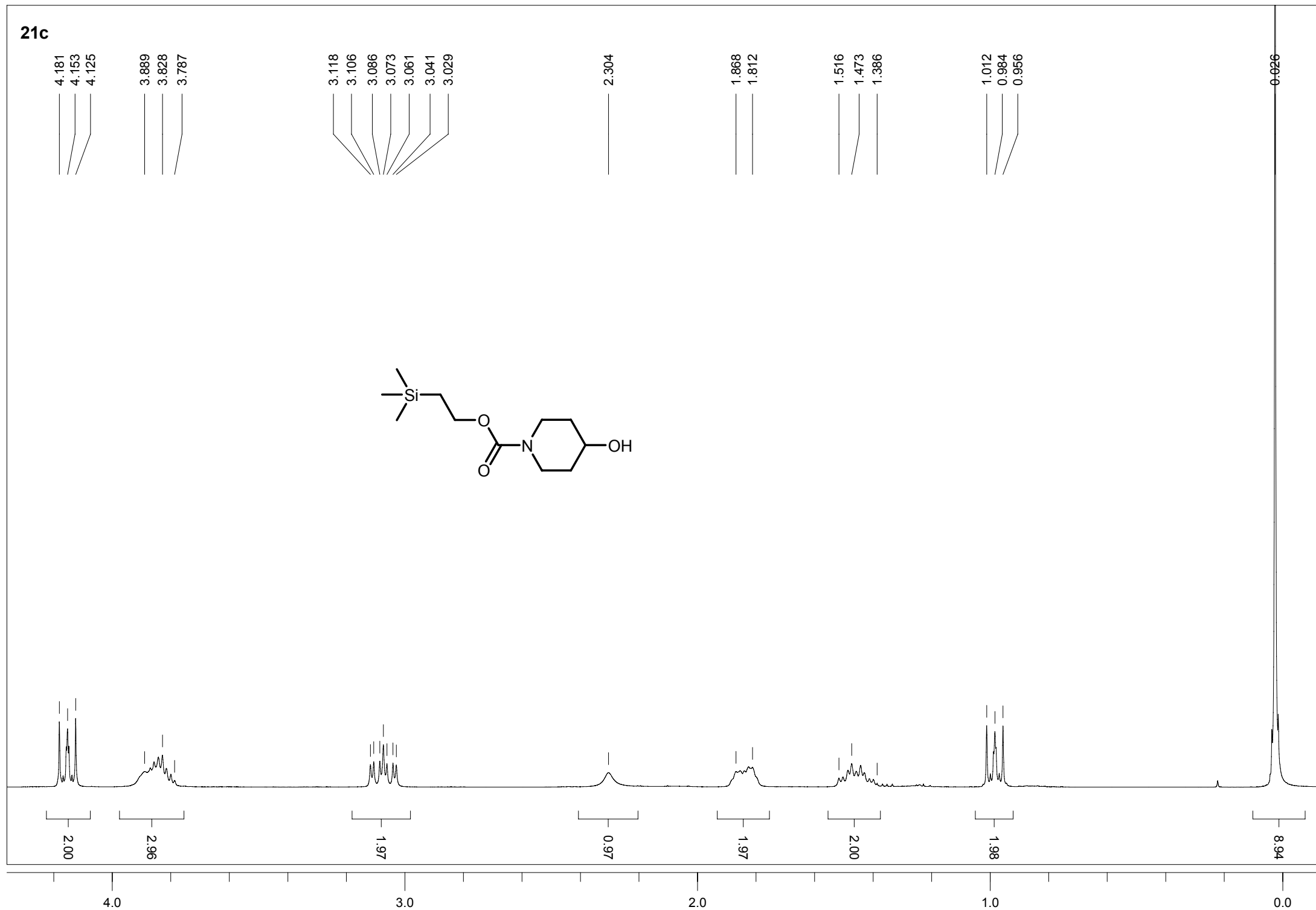
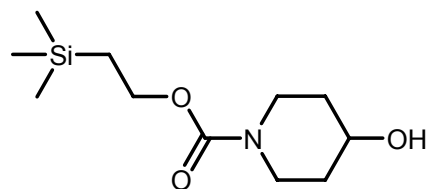
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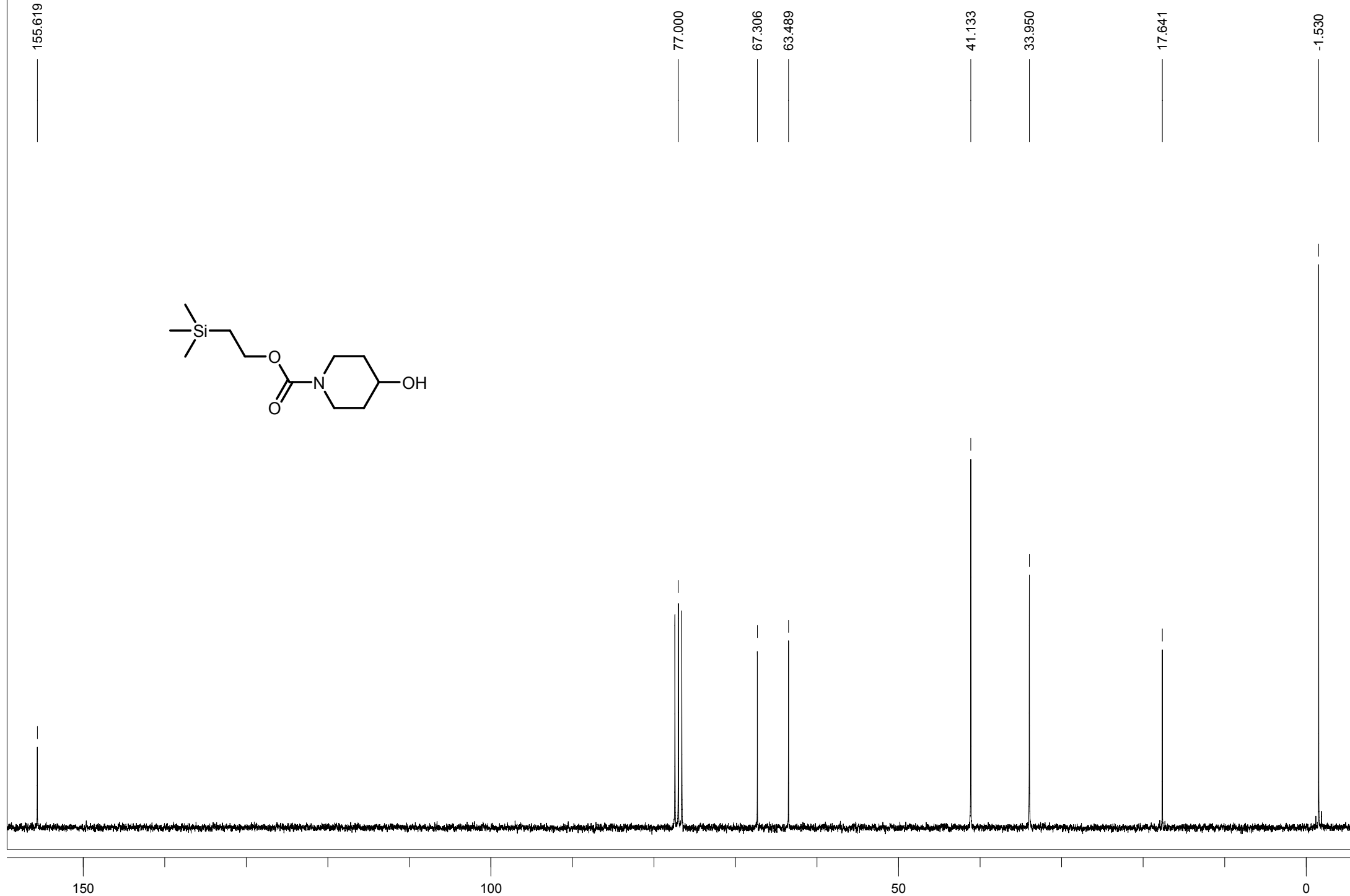
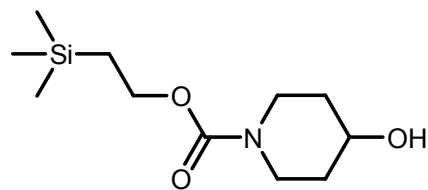
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22

21c



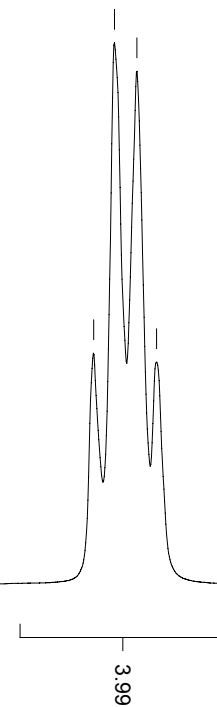
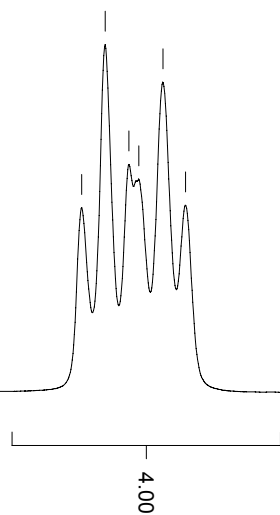
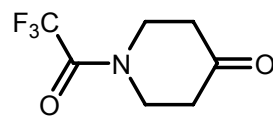
21c



22a

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3.942
3.920
3.911
3.889
3.869

2.586
2.567
2.546
2.528



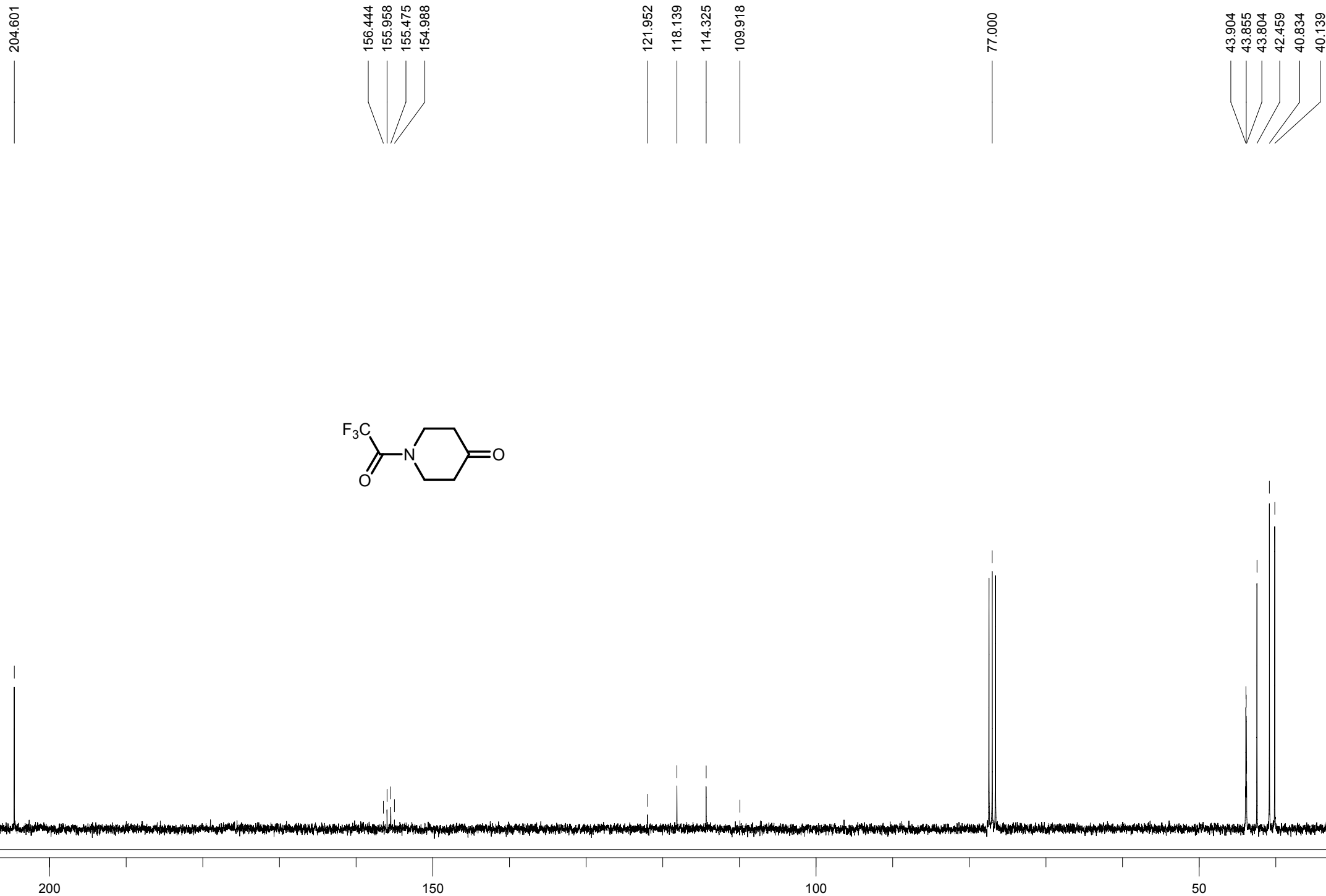
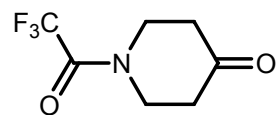
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3.50

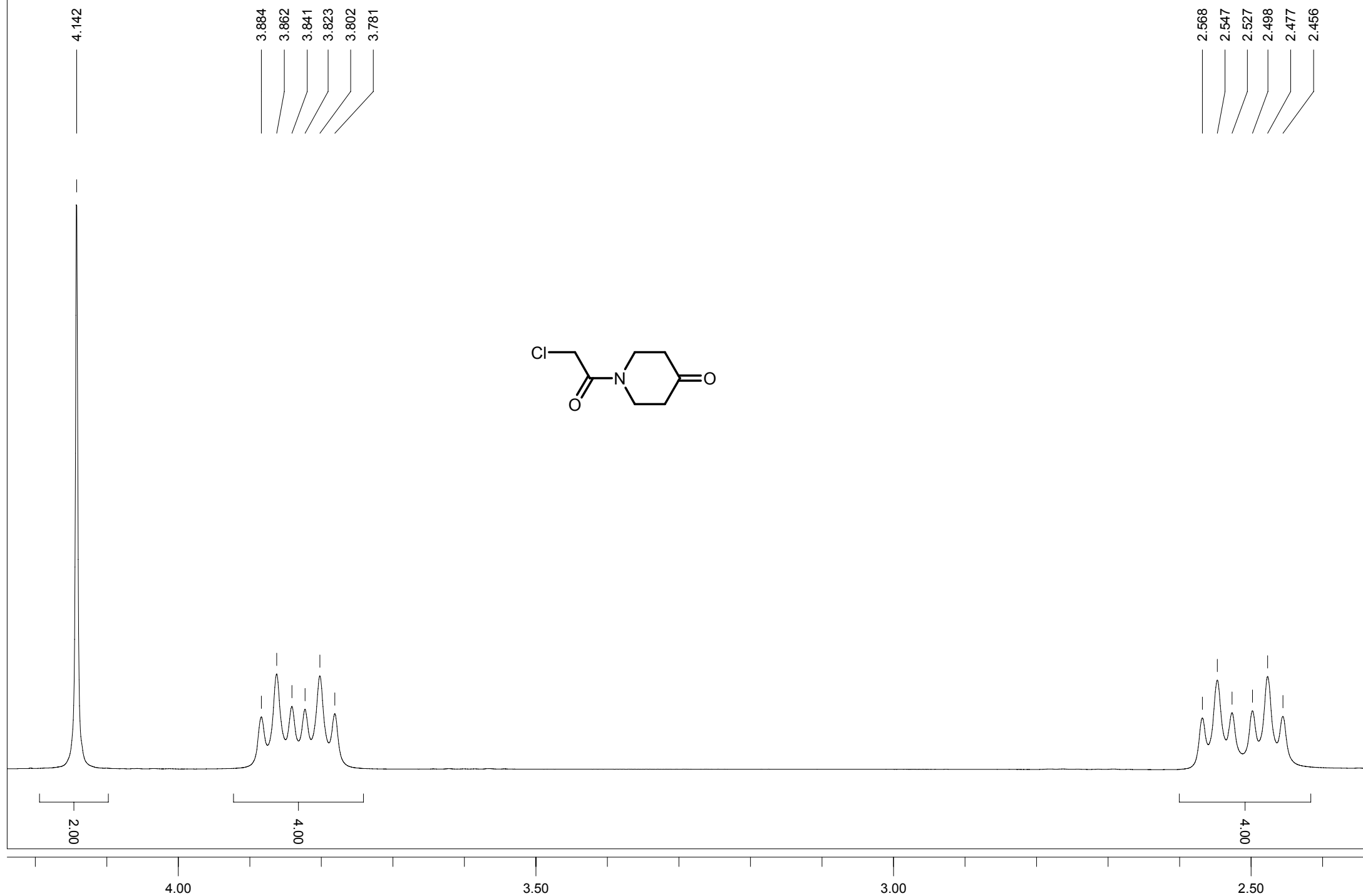
3.00

2.50

22a



22b



22b

205.941

165.282

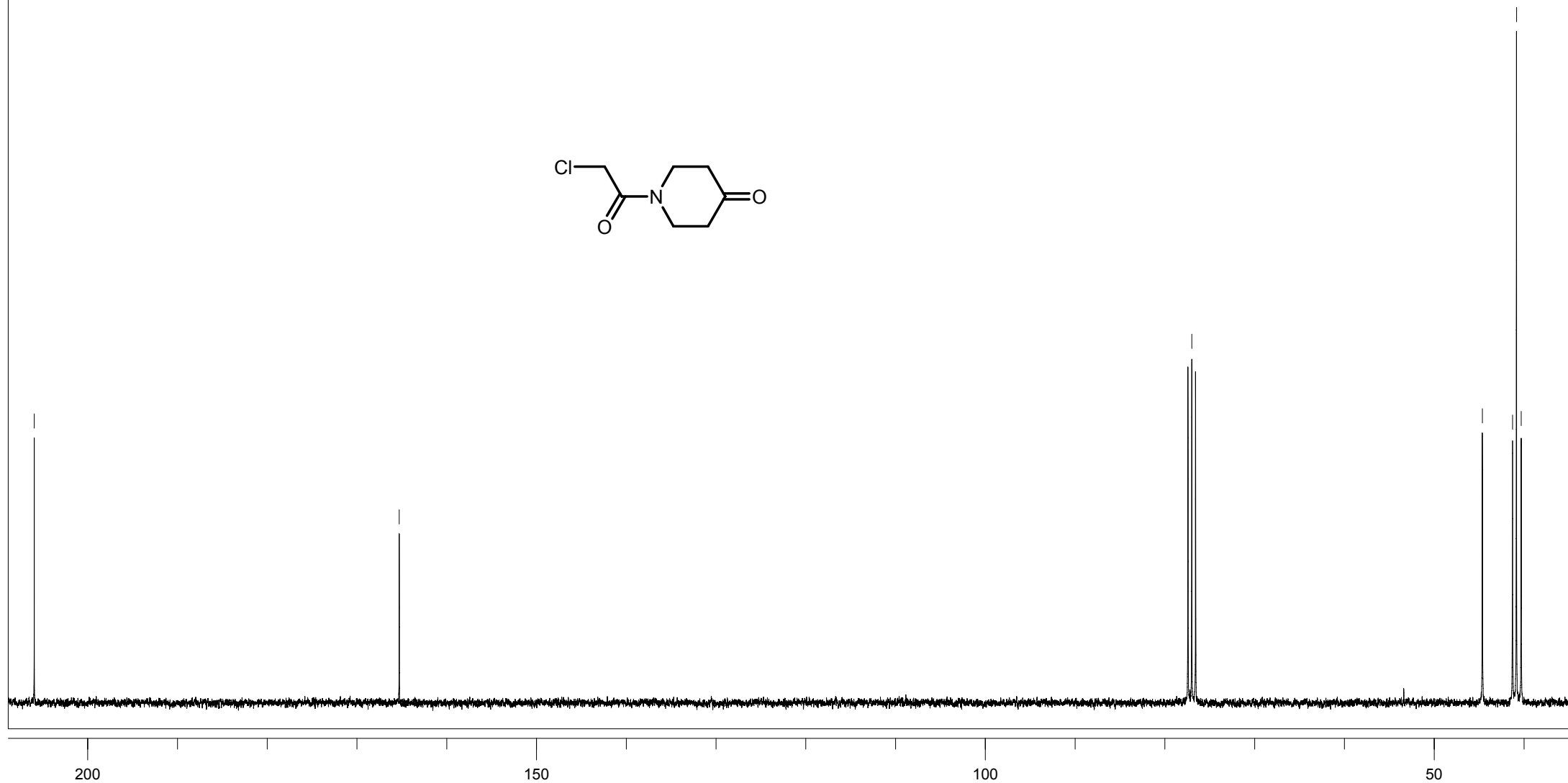
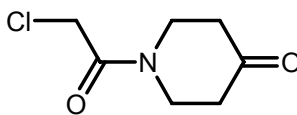
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44.631

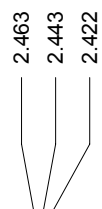
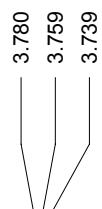
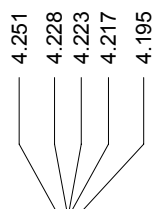
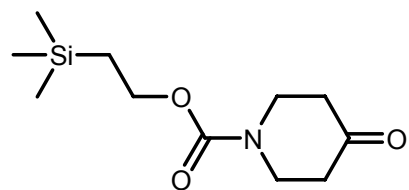
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40.829

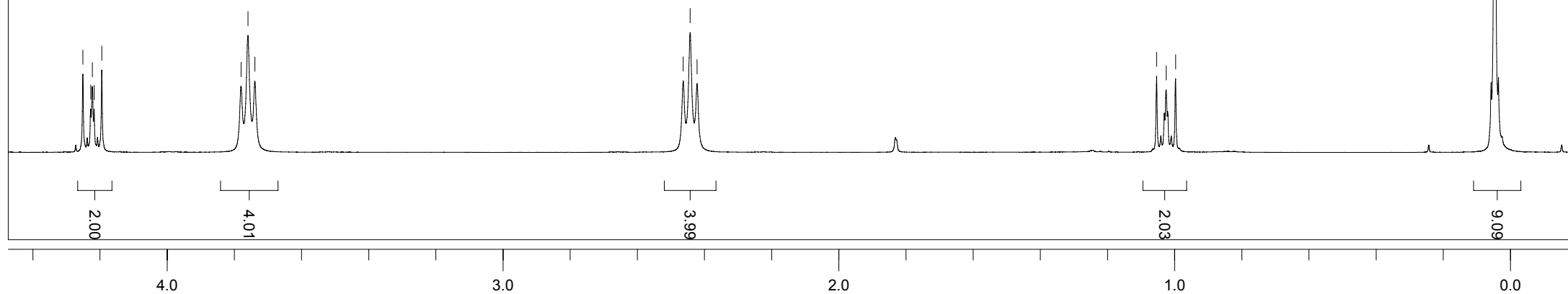
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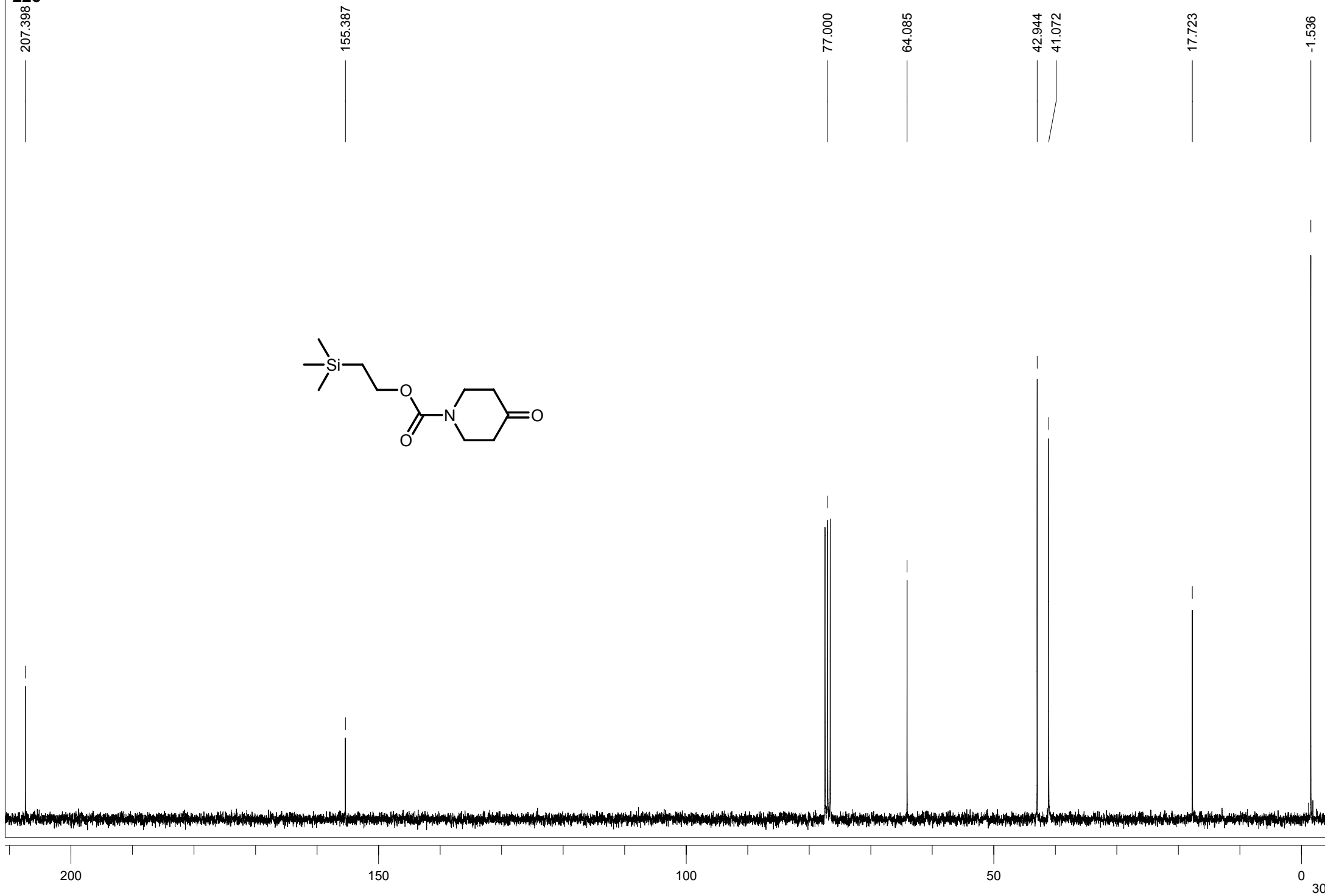
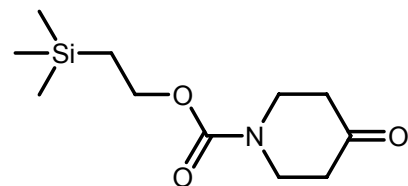
22c



0.047



22c

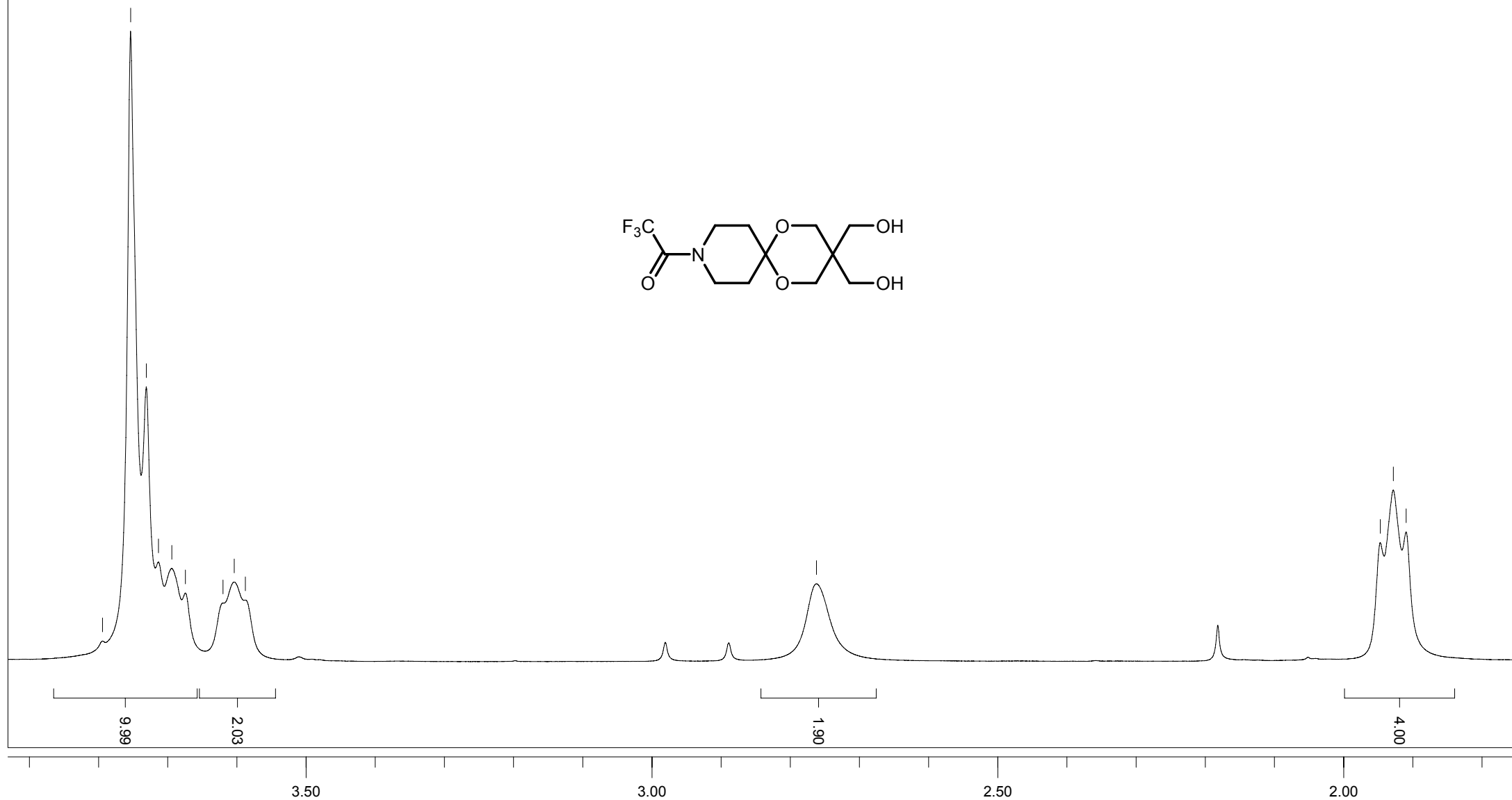
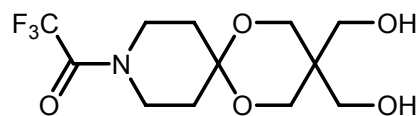


23a

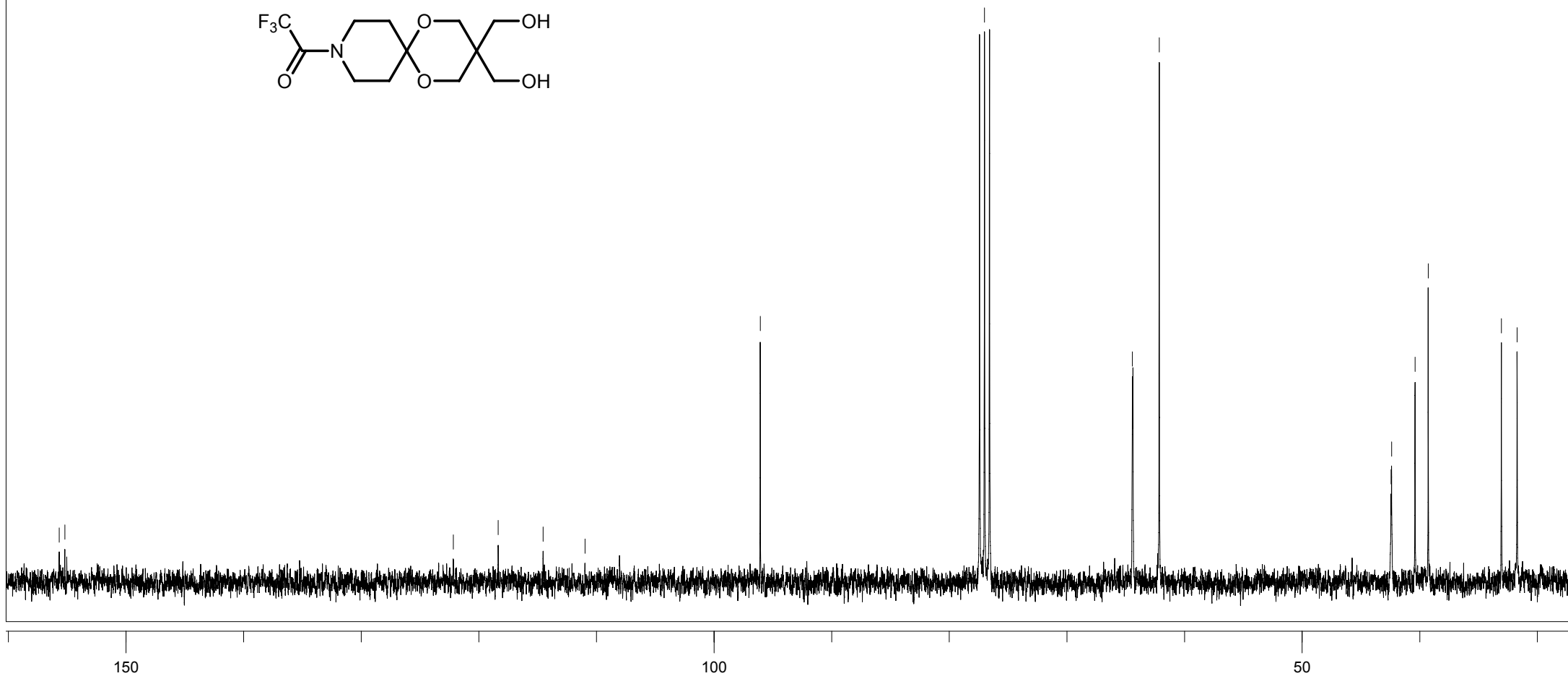
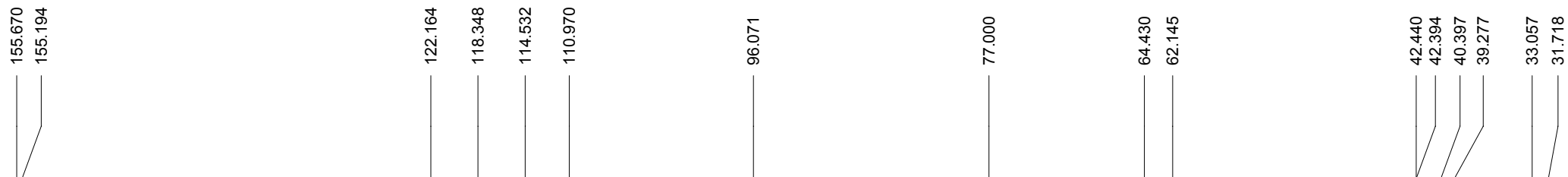
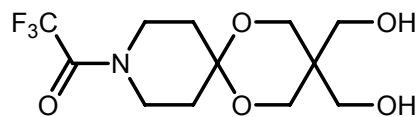
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3.694
3.674
3.620
3.604
3.588

2.762

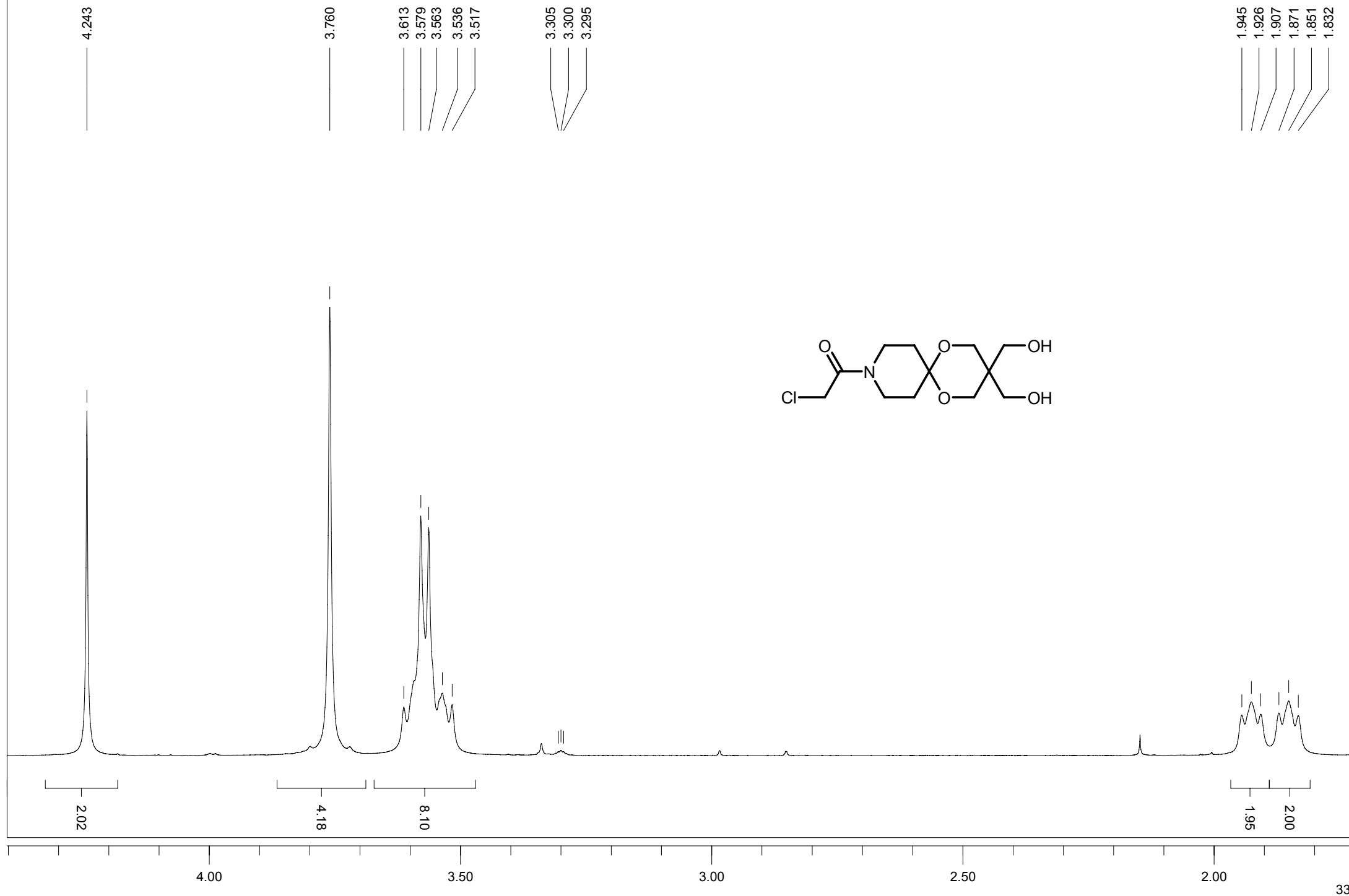
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1.910



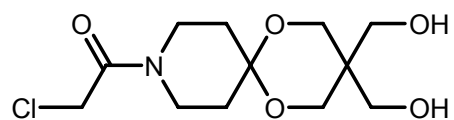
23a



23b



23b



167.417

97.238

62.853

62.635

54.815

49.050

44.255

42.092

40.772

40.406

34.102

32.988

DCM

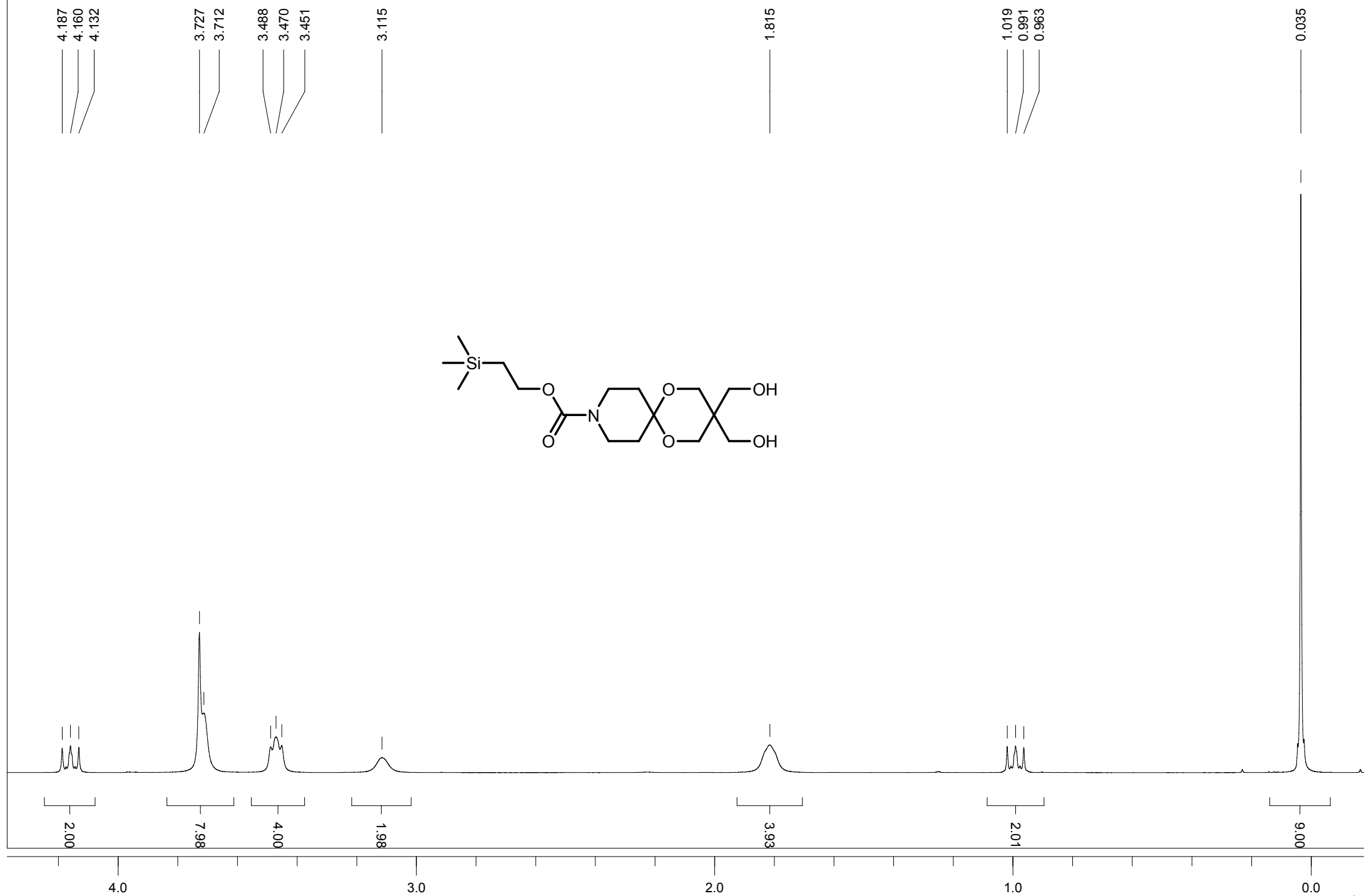
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100

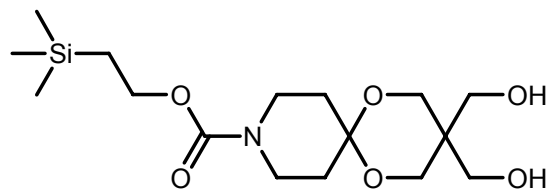
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34

23c



23c



155.704

96.786

77.065

64.352

63.744

62.088

40.517

39.273

32.506

31.811

17.715

-1.444

150

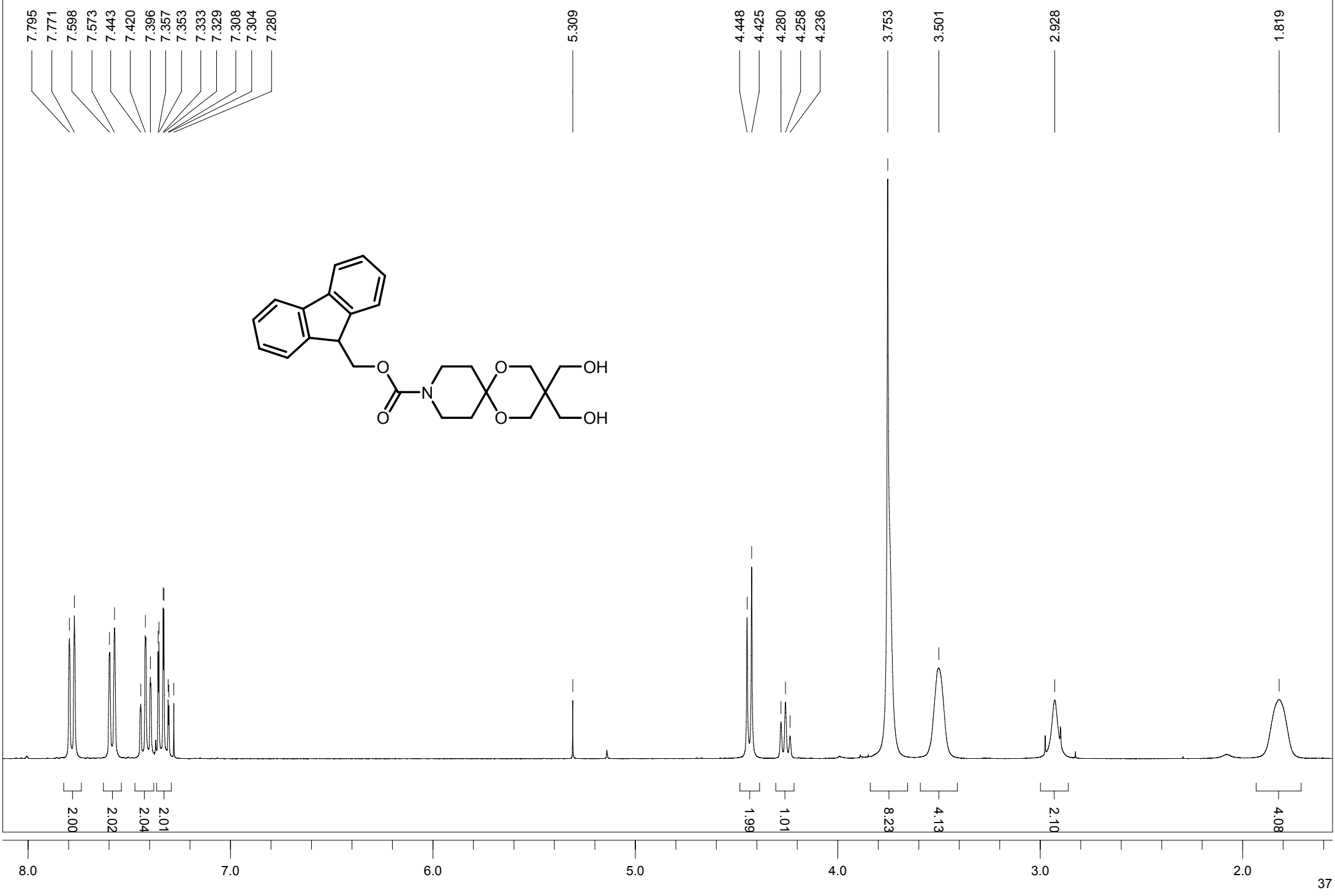
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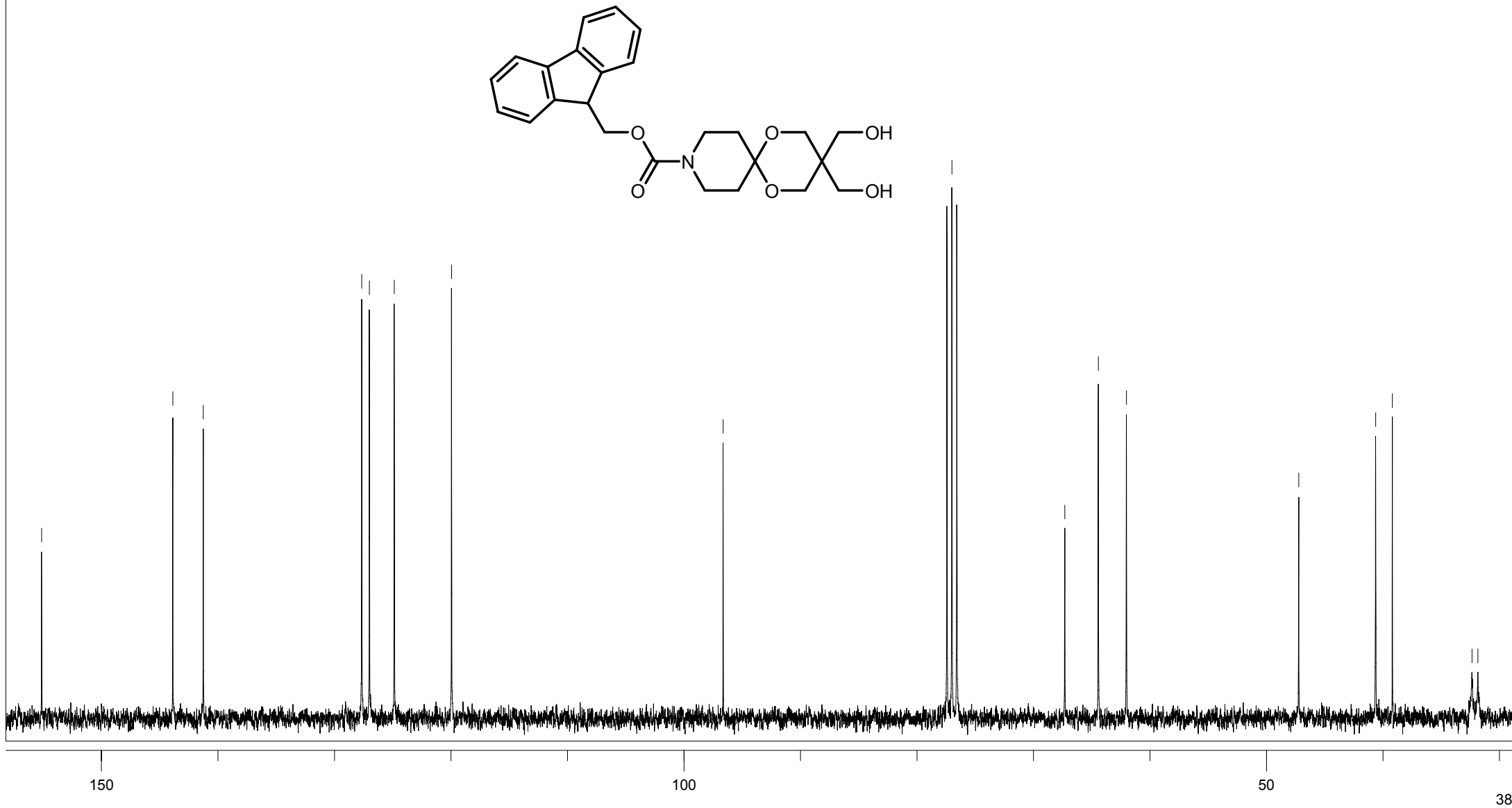
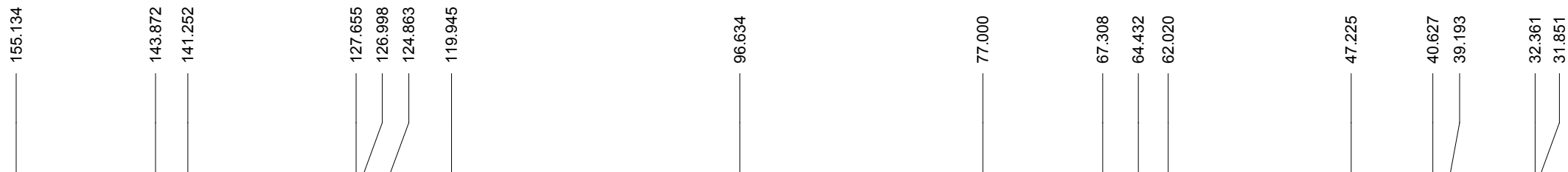
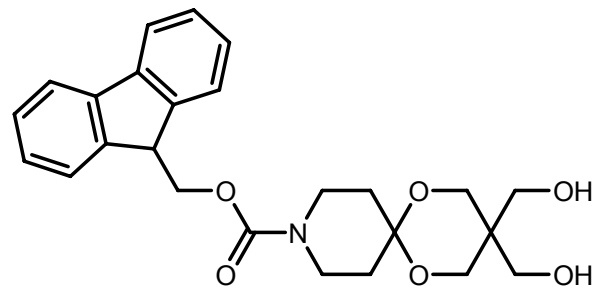
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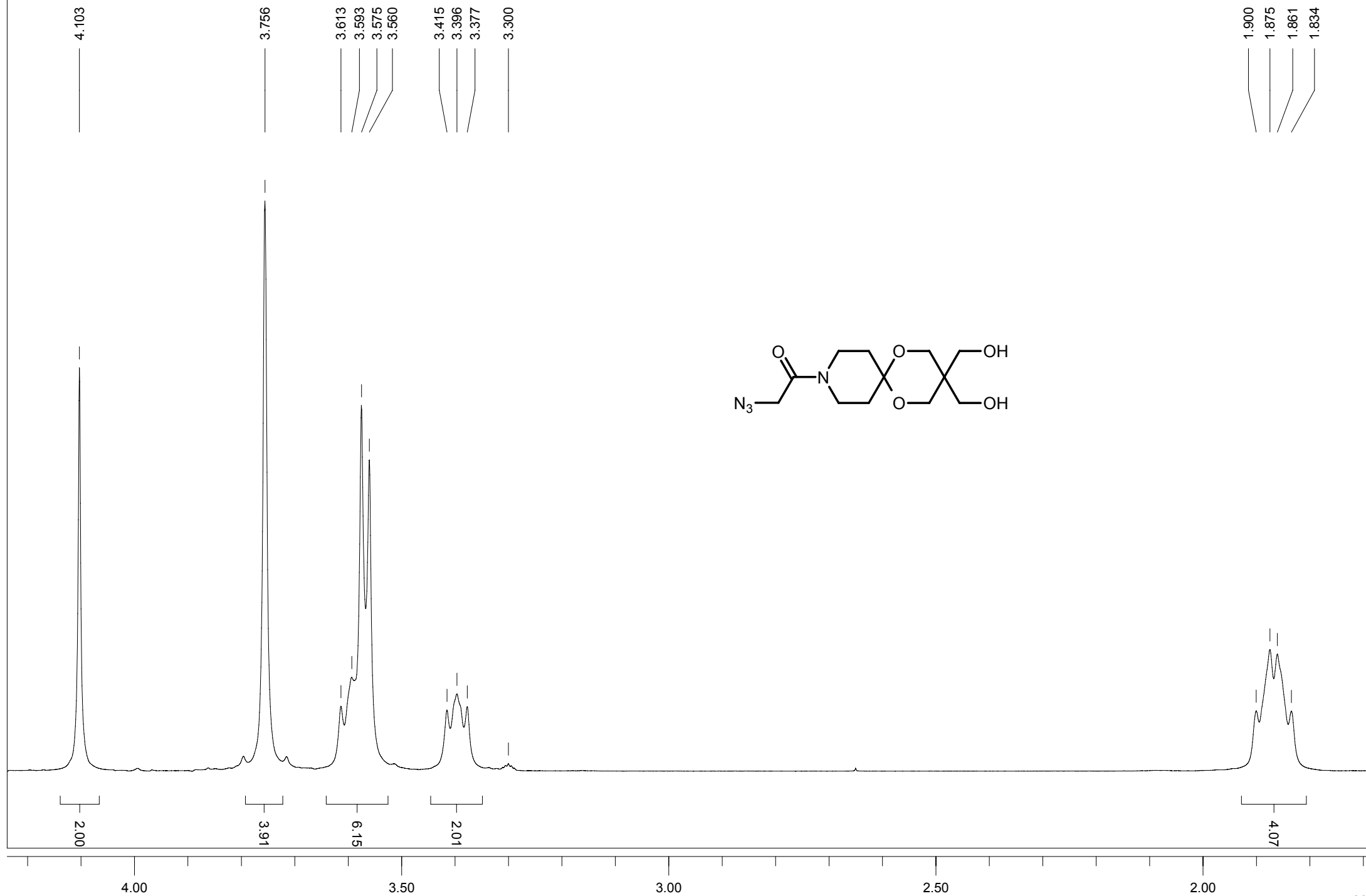
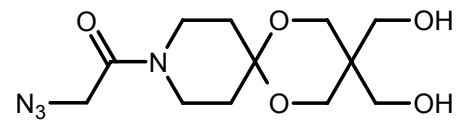
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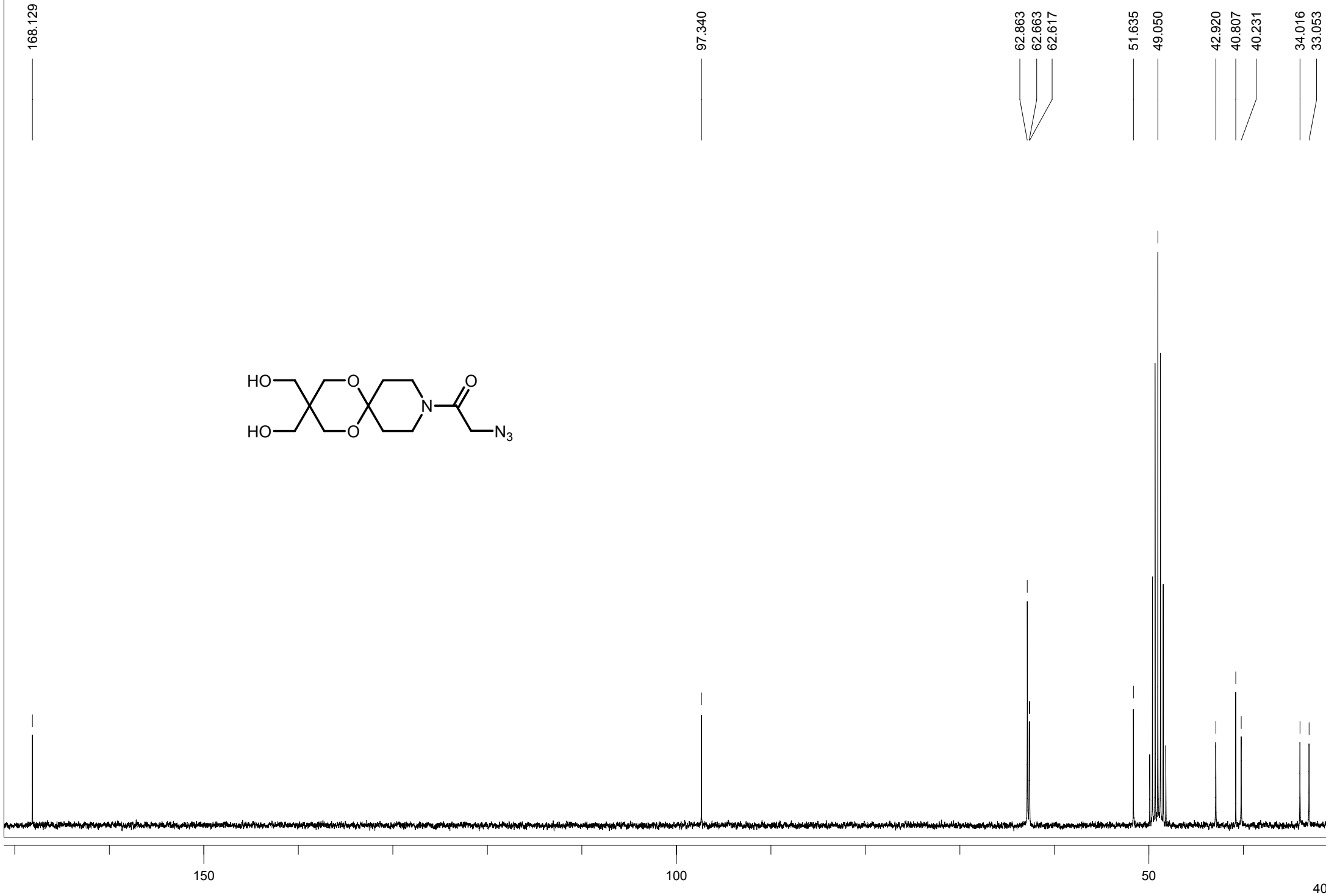
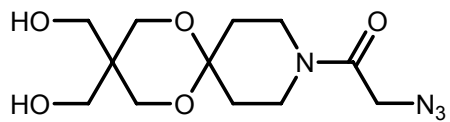
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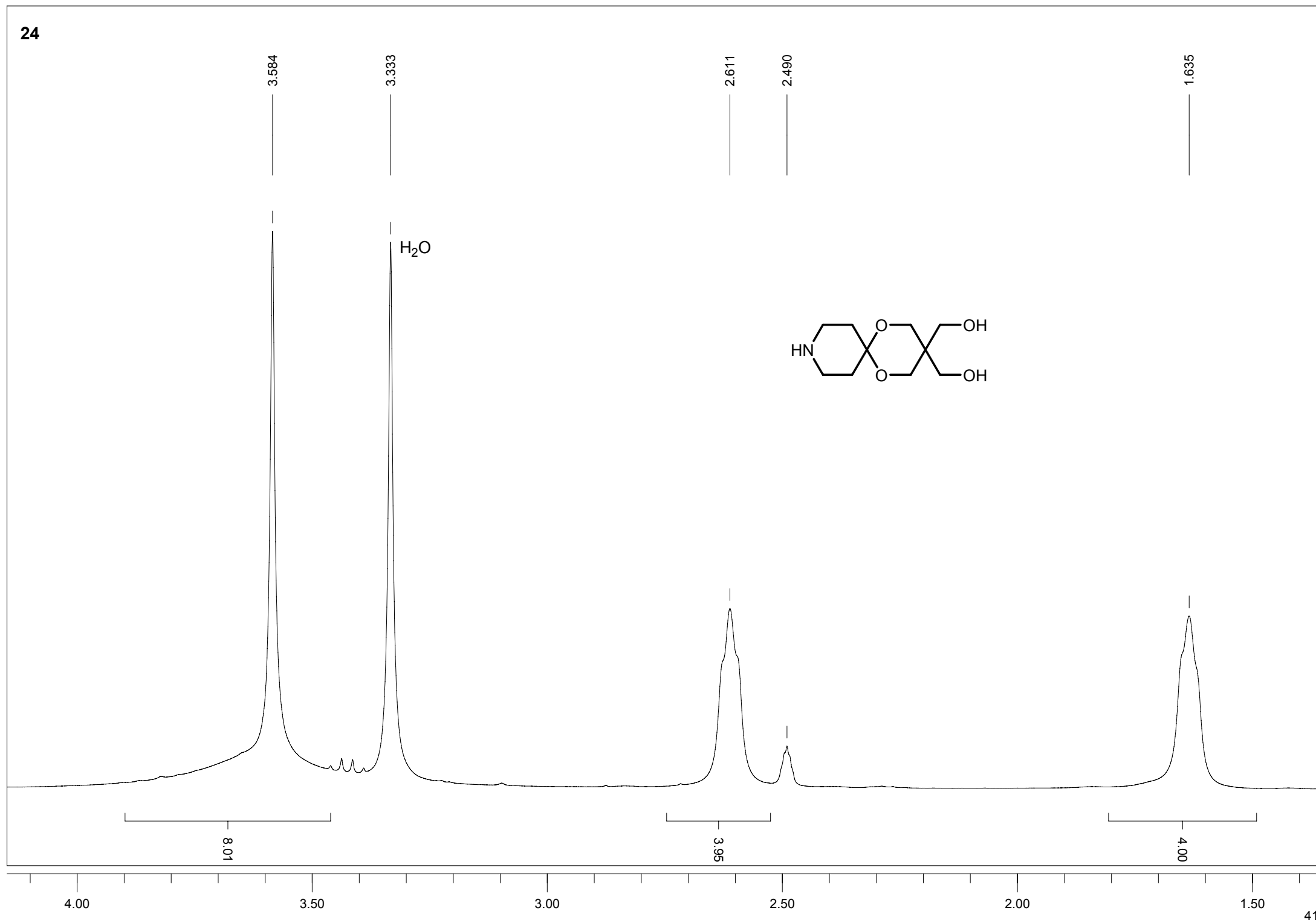


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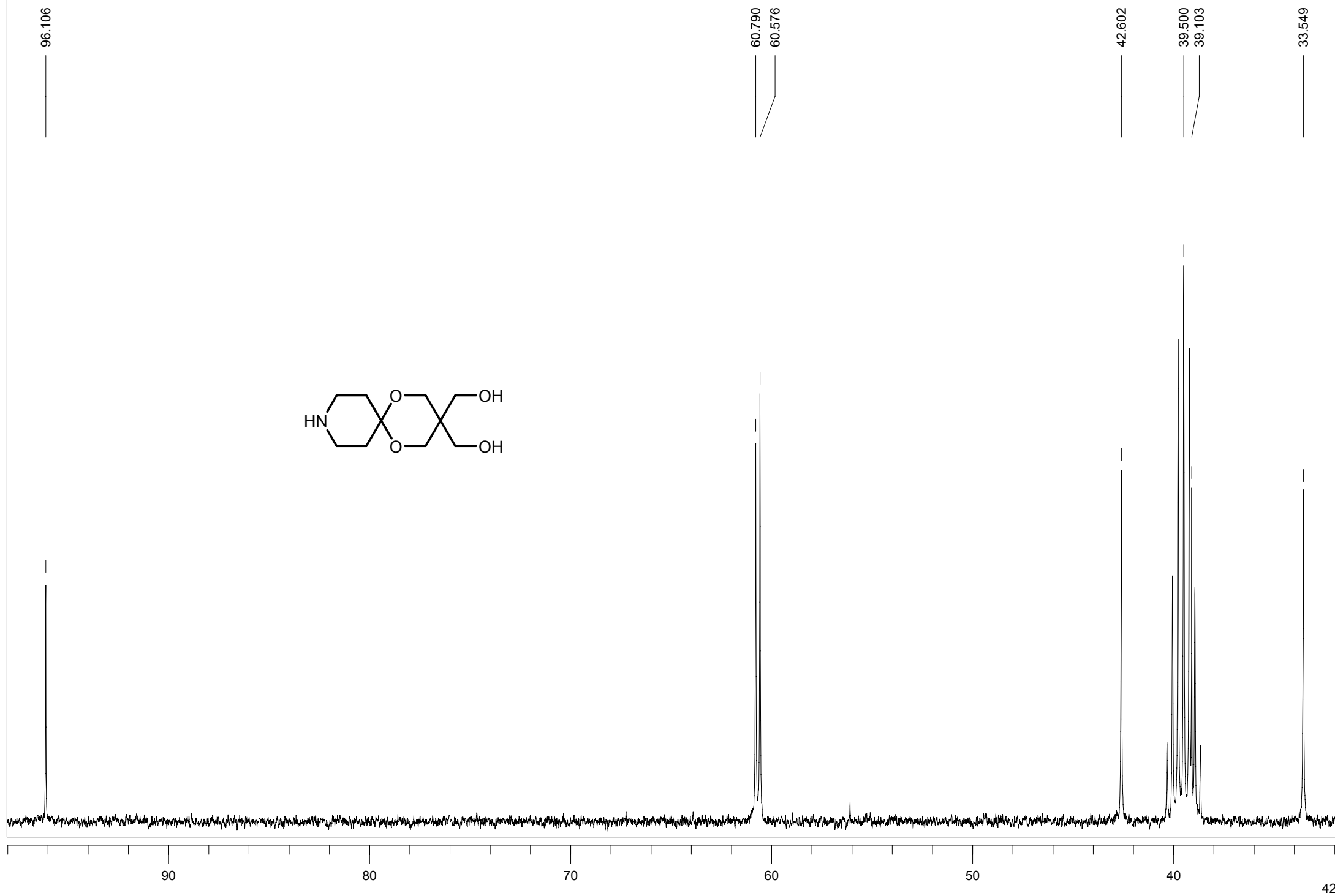


23f

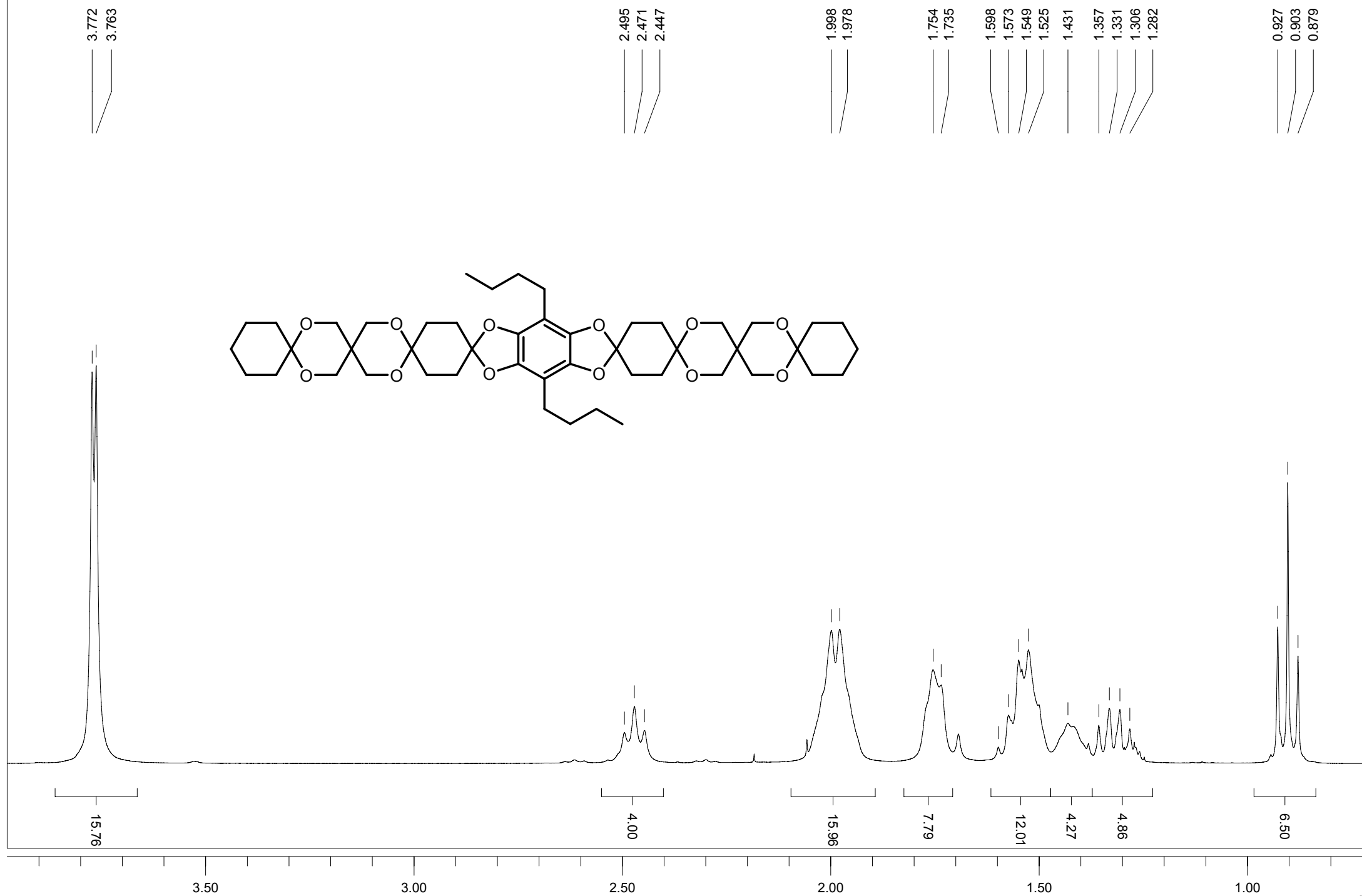




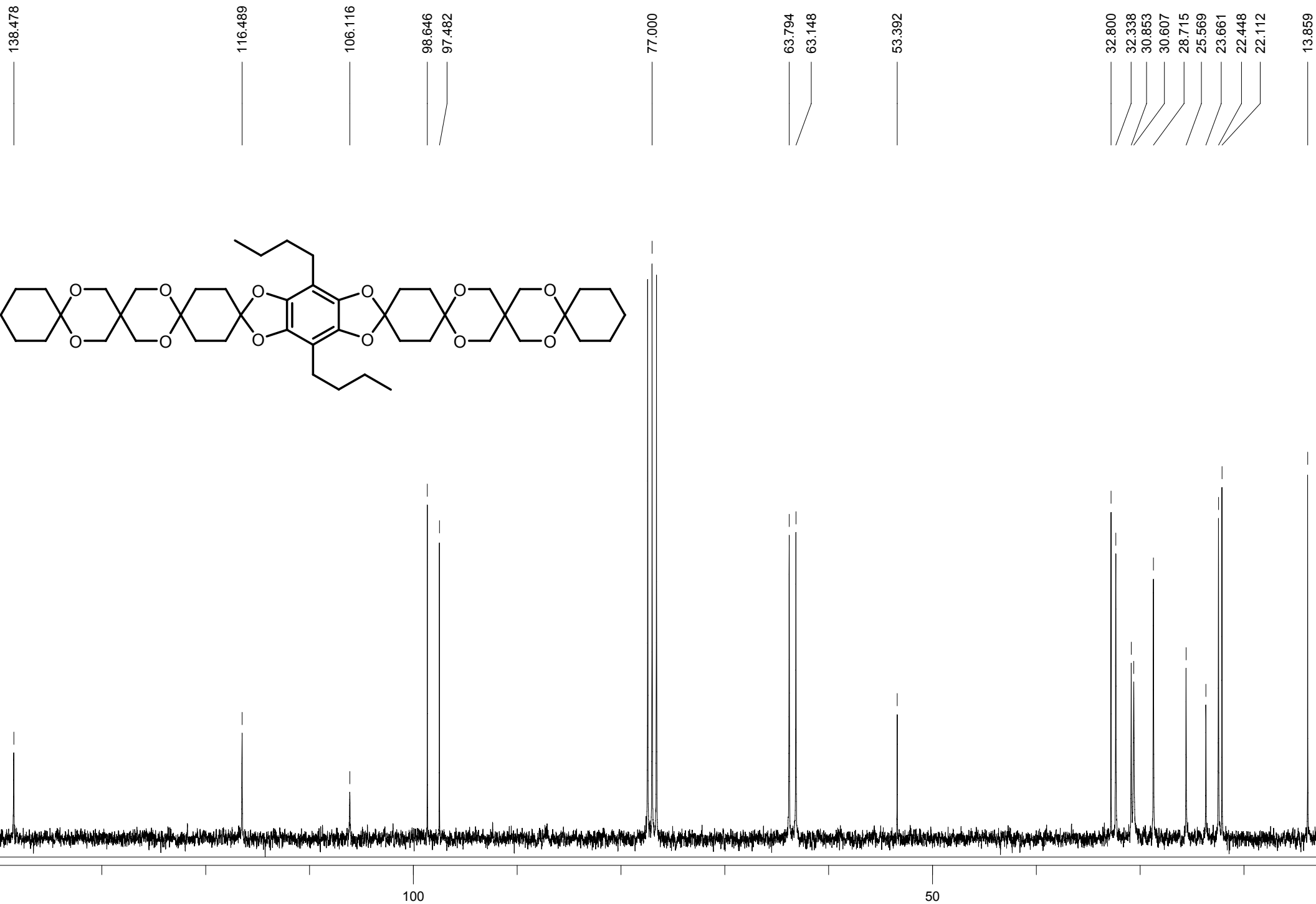
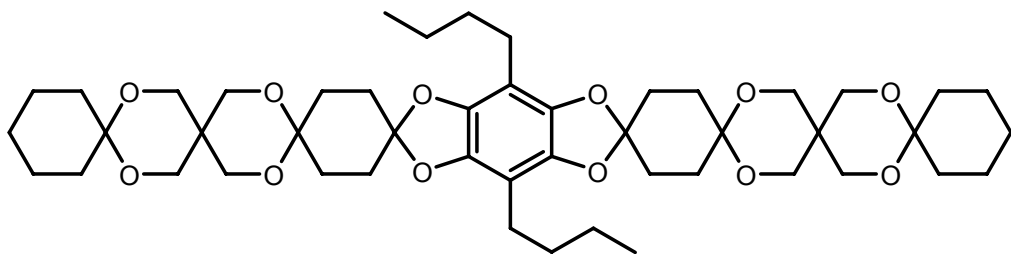
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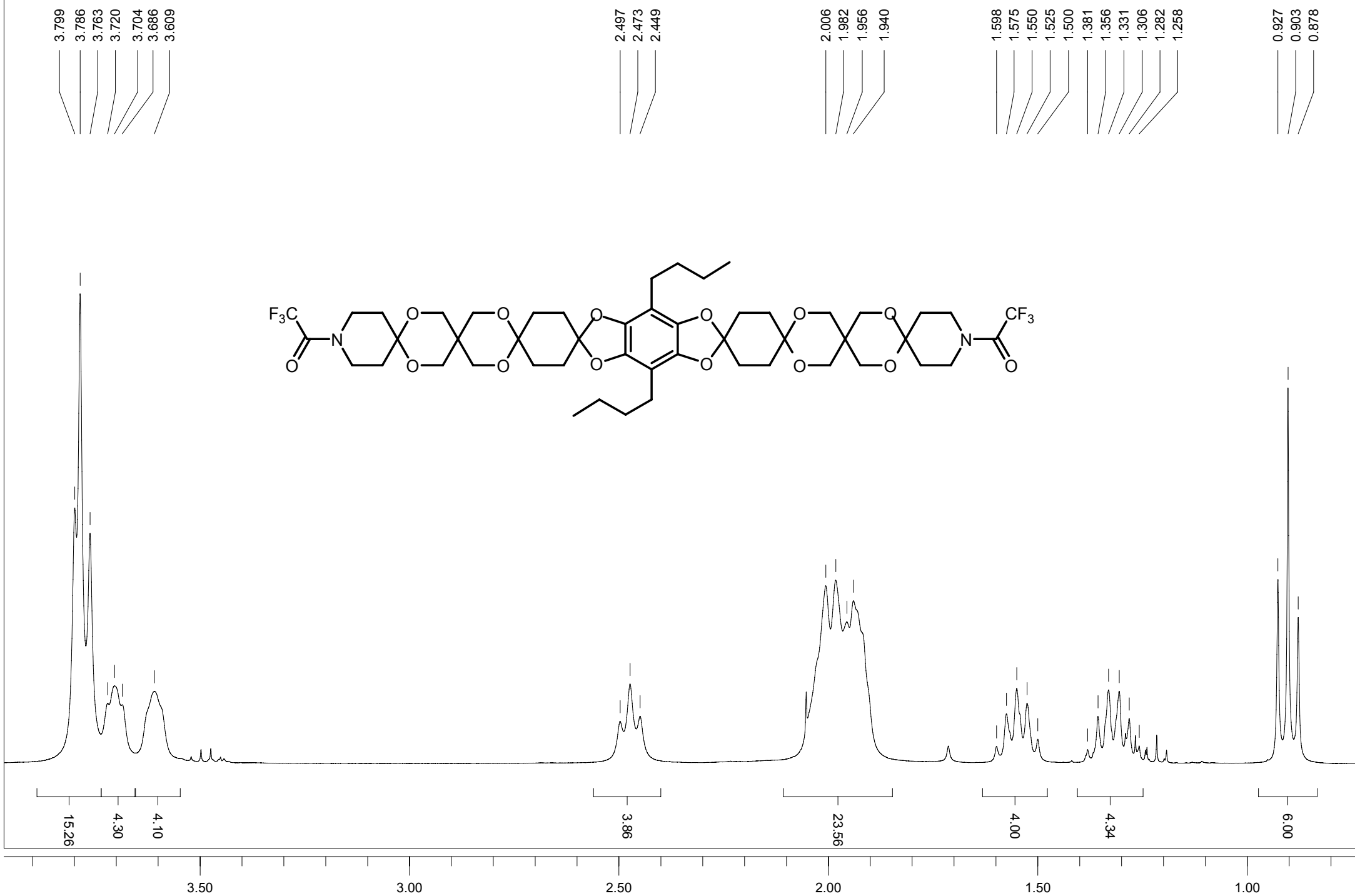
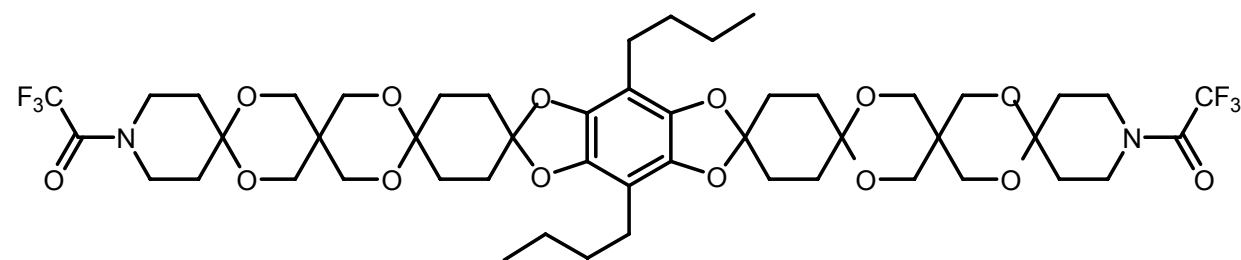
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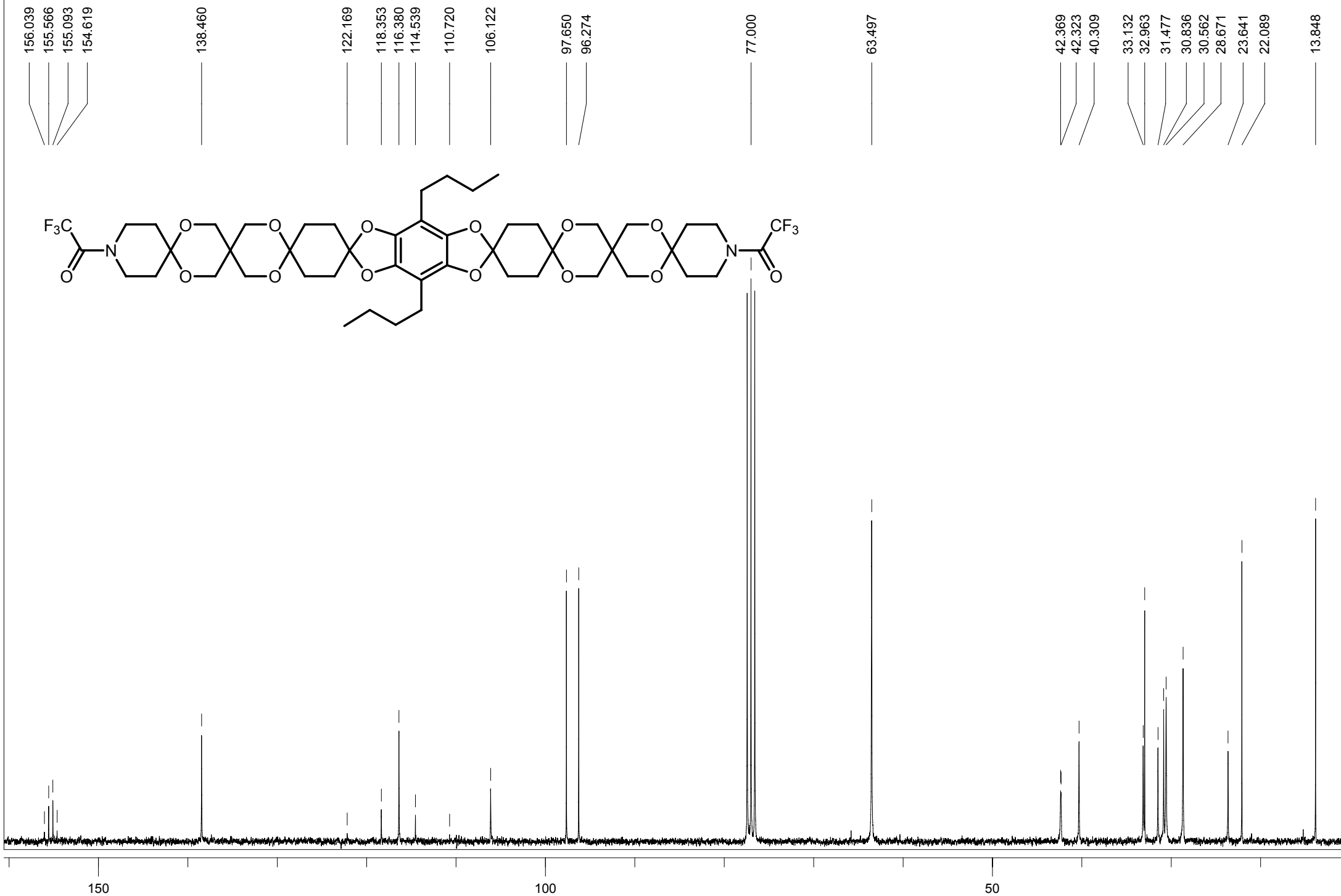


26a

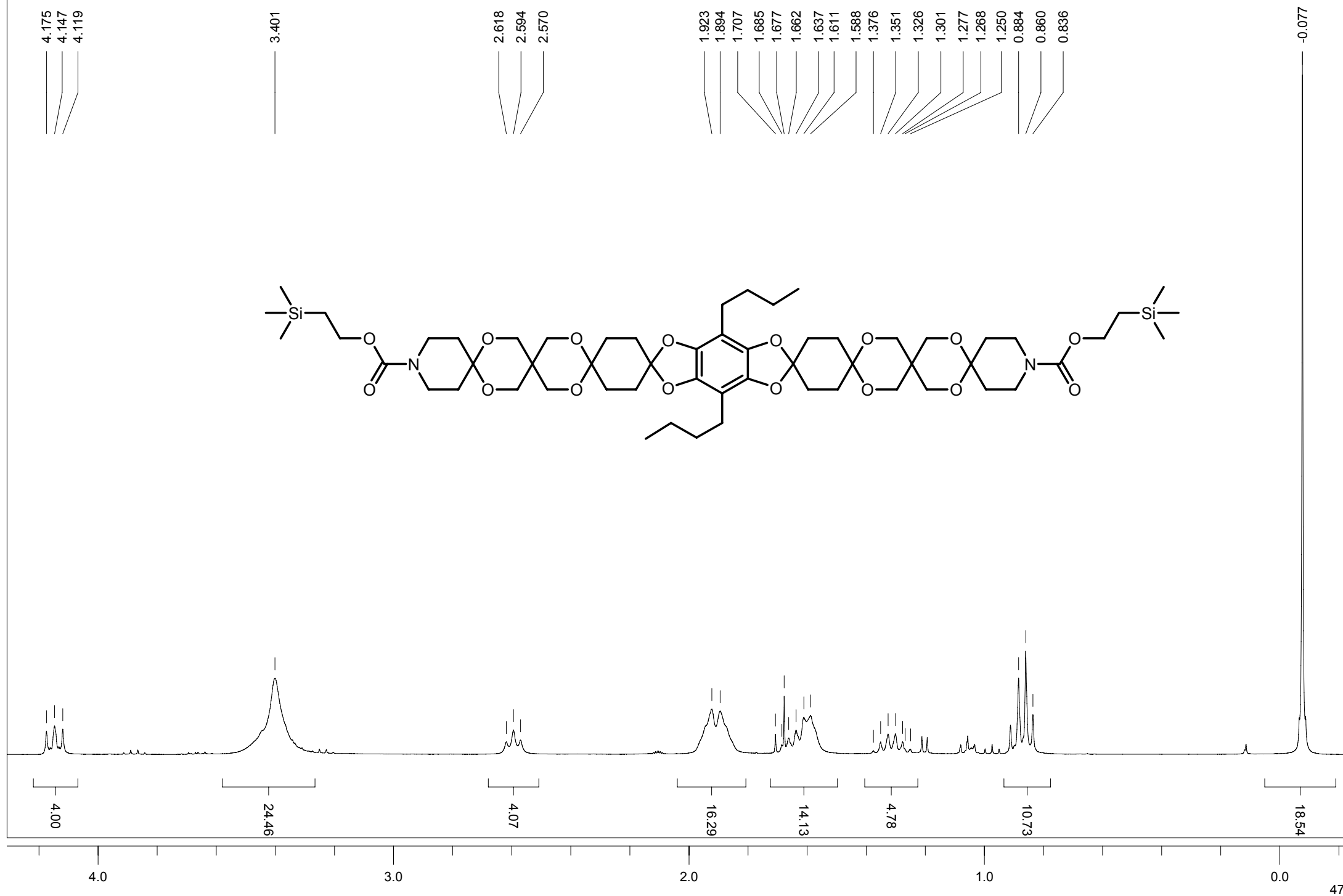


26b

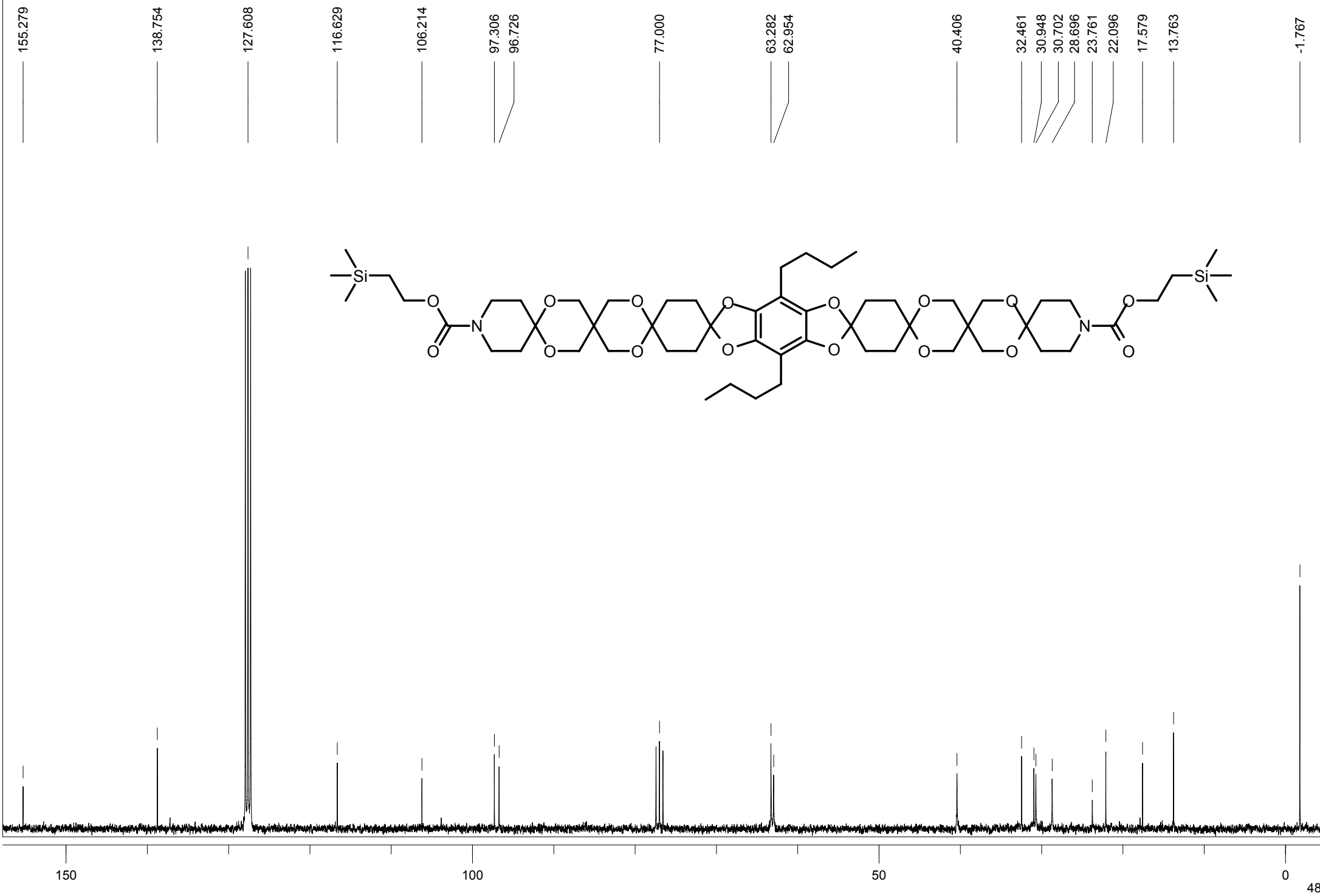


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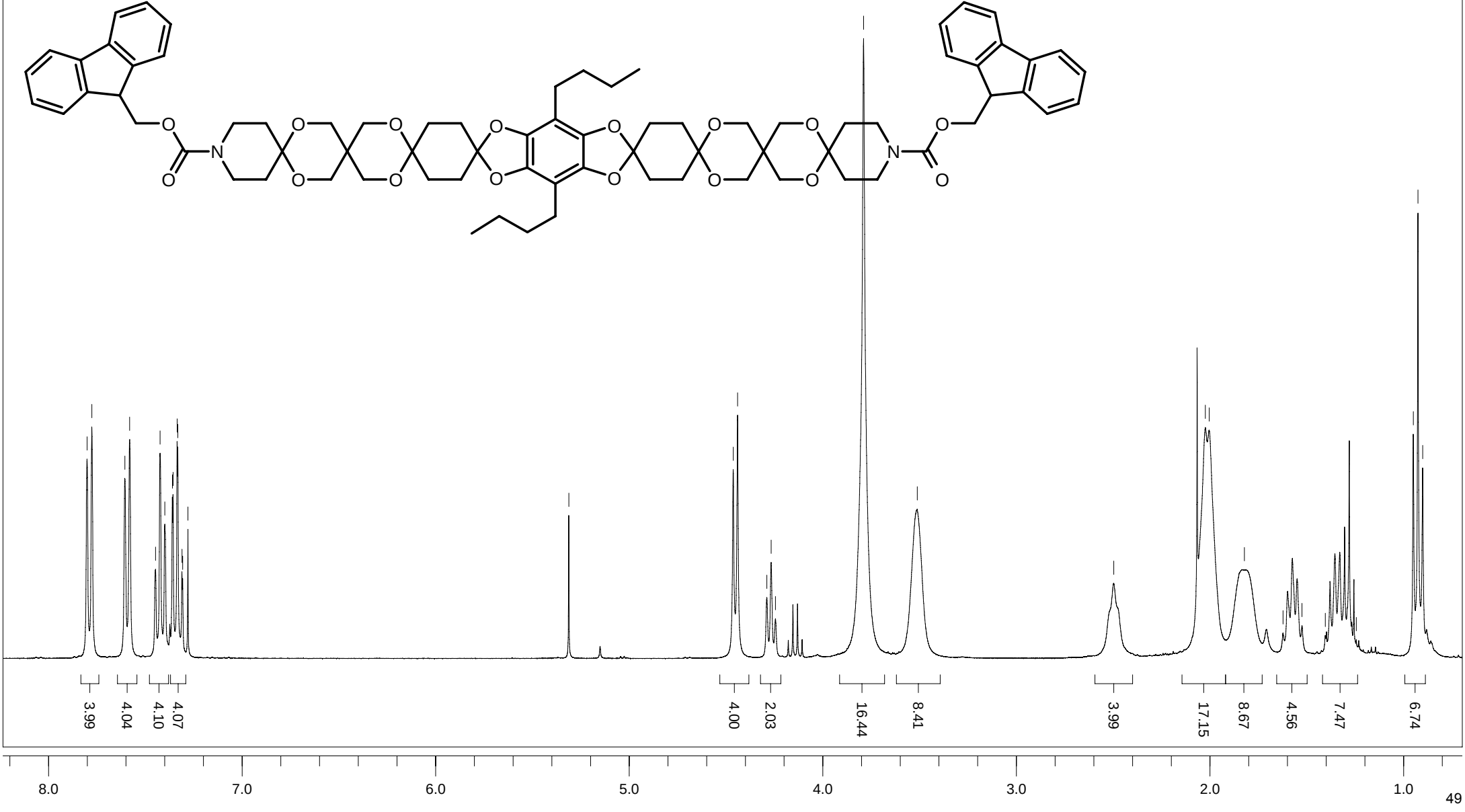
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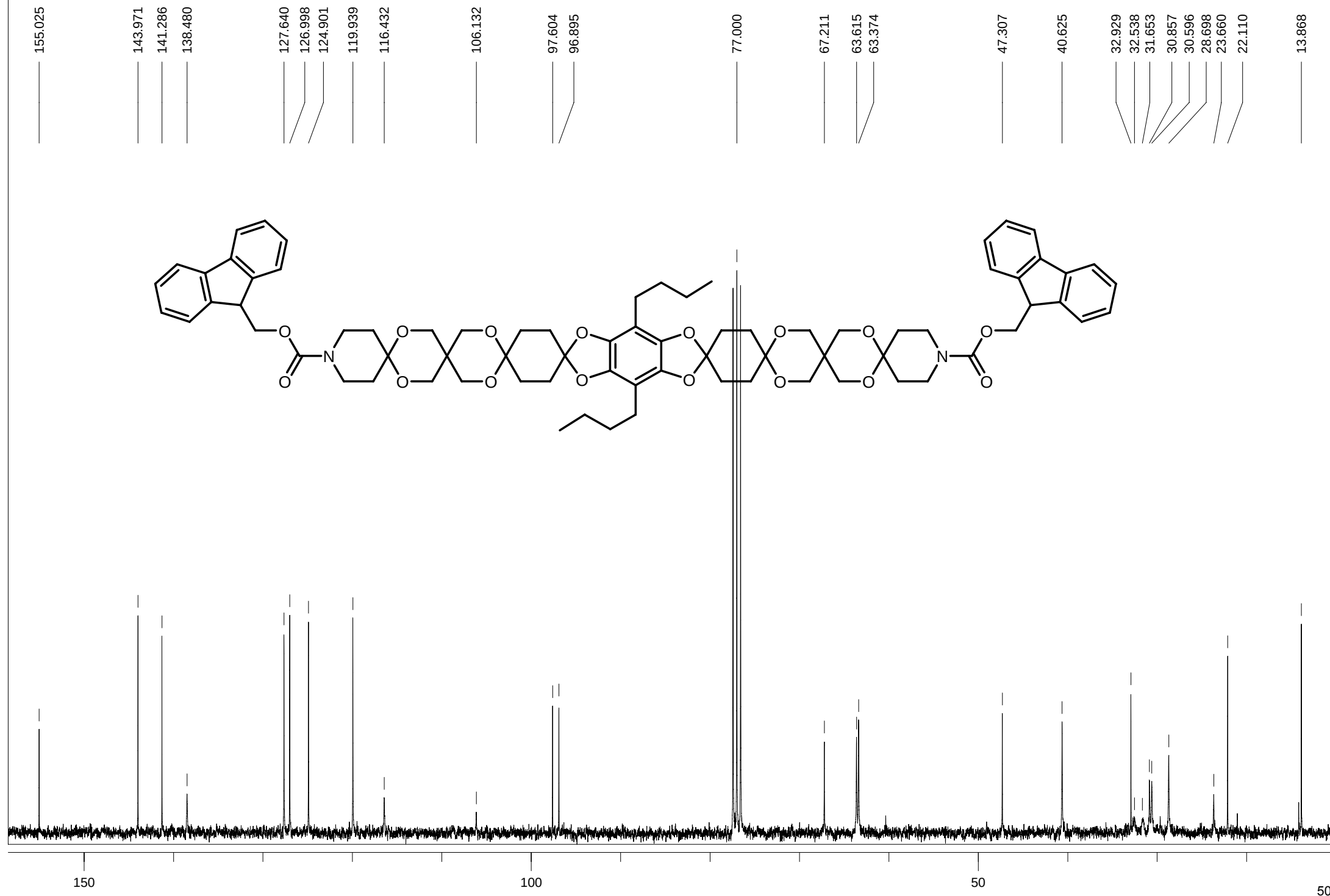
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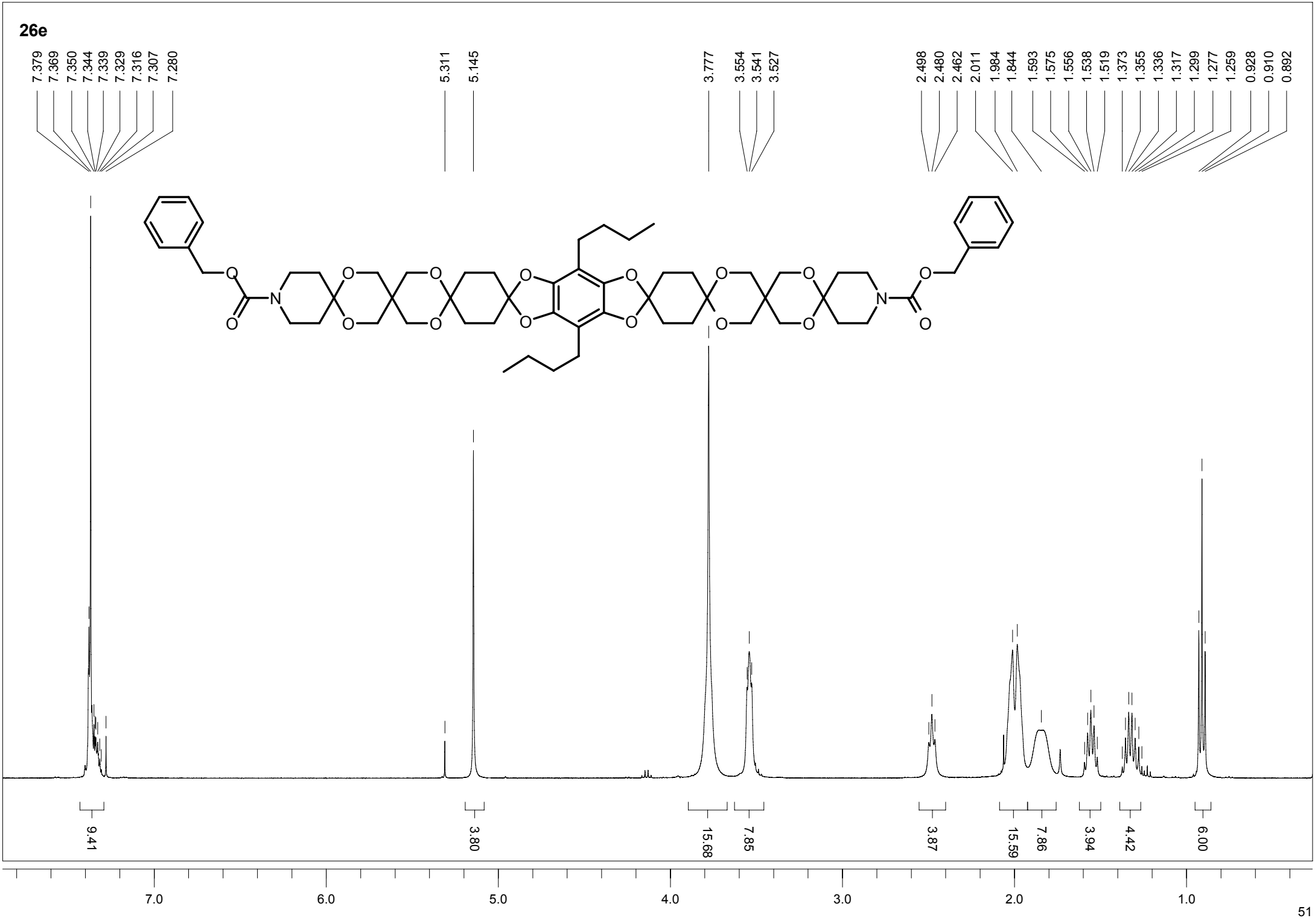
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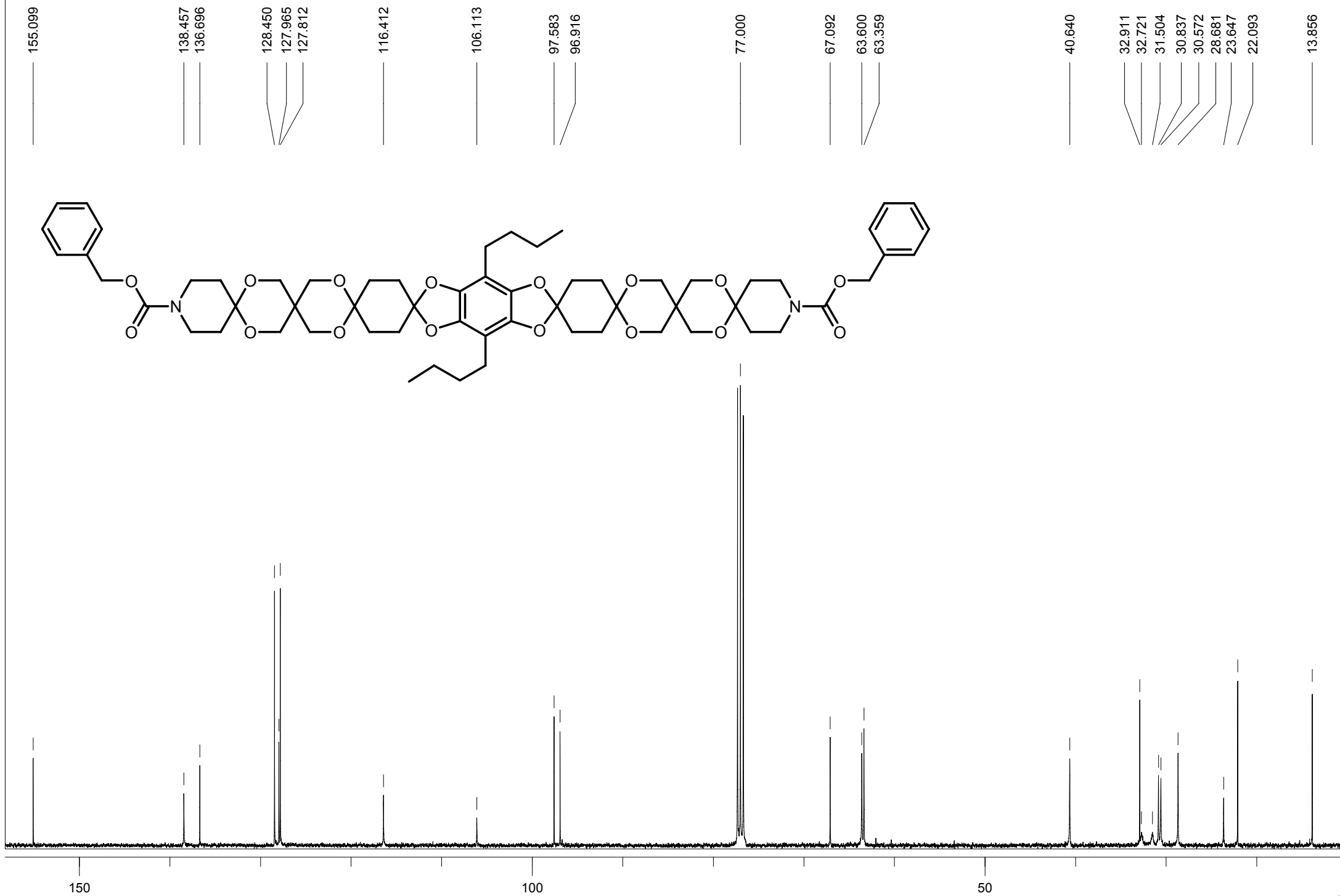
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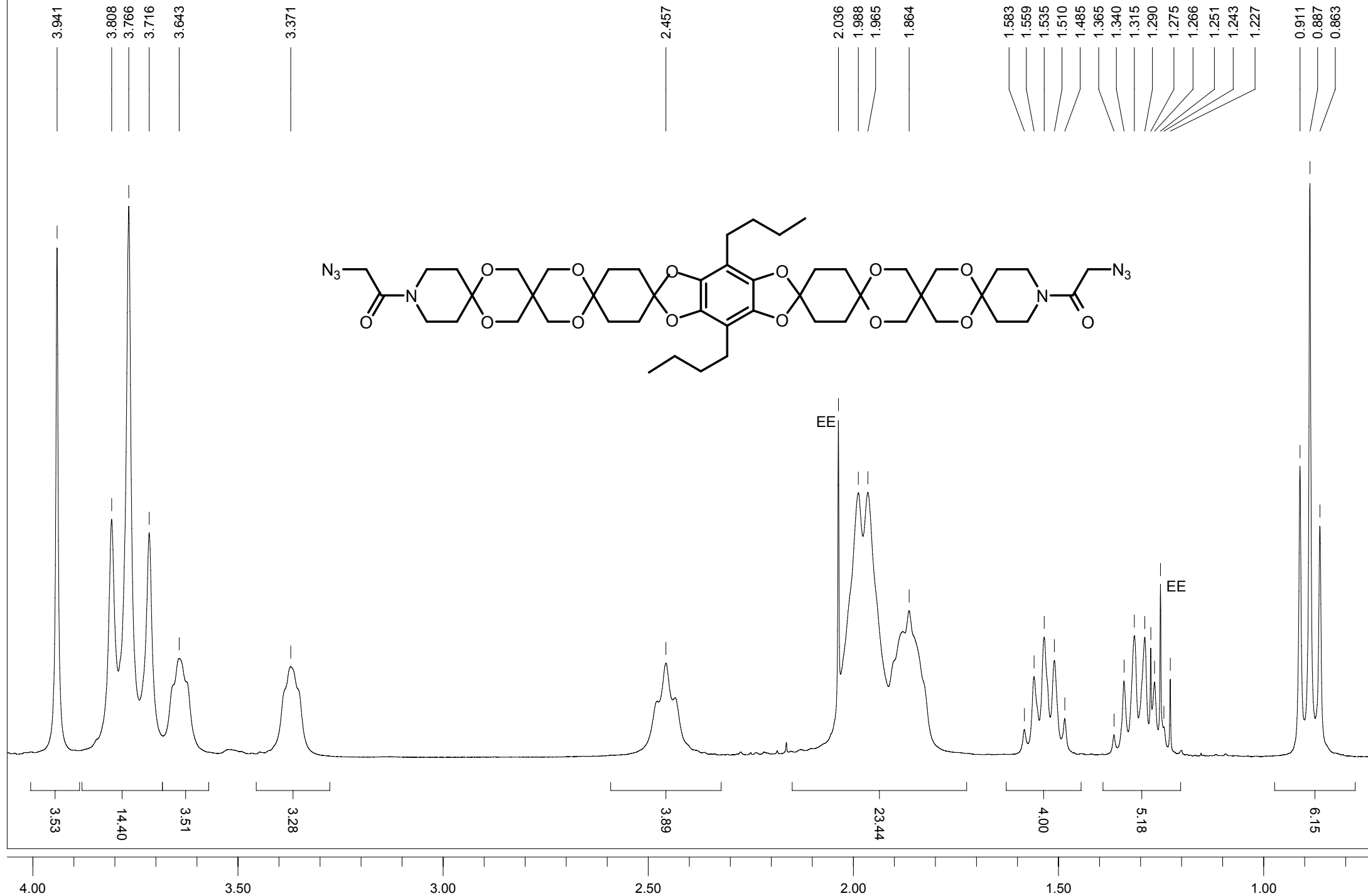
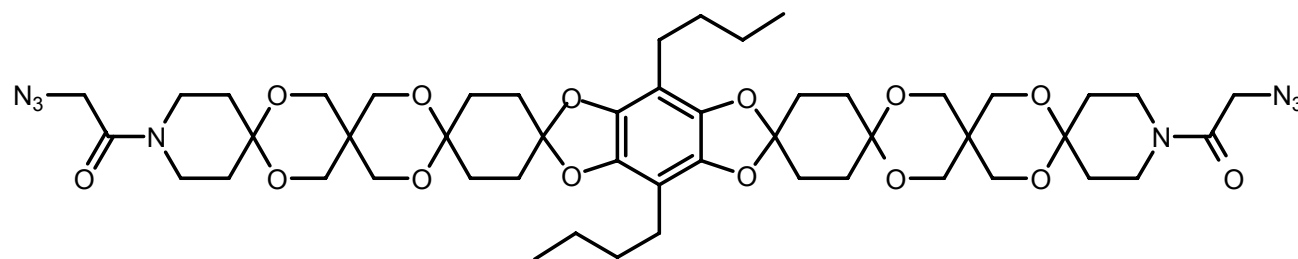
26e



26e



26f



26f

165.337

138.401

116.335

106.041

97.556

96.525

77.000

63.519

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50.592

41.711

38.821

33.482

32.886

30.951

30.766

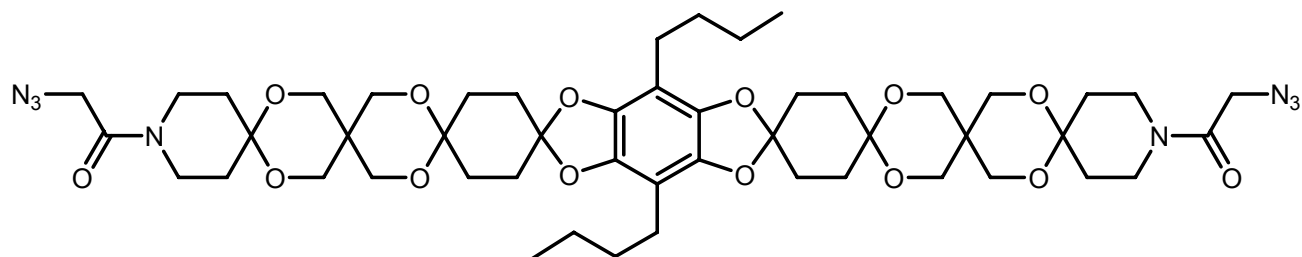
30.509

28.622

23.575

22.021

13.793

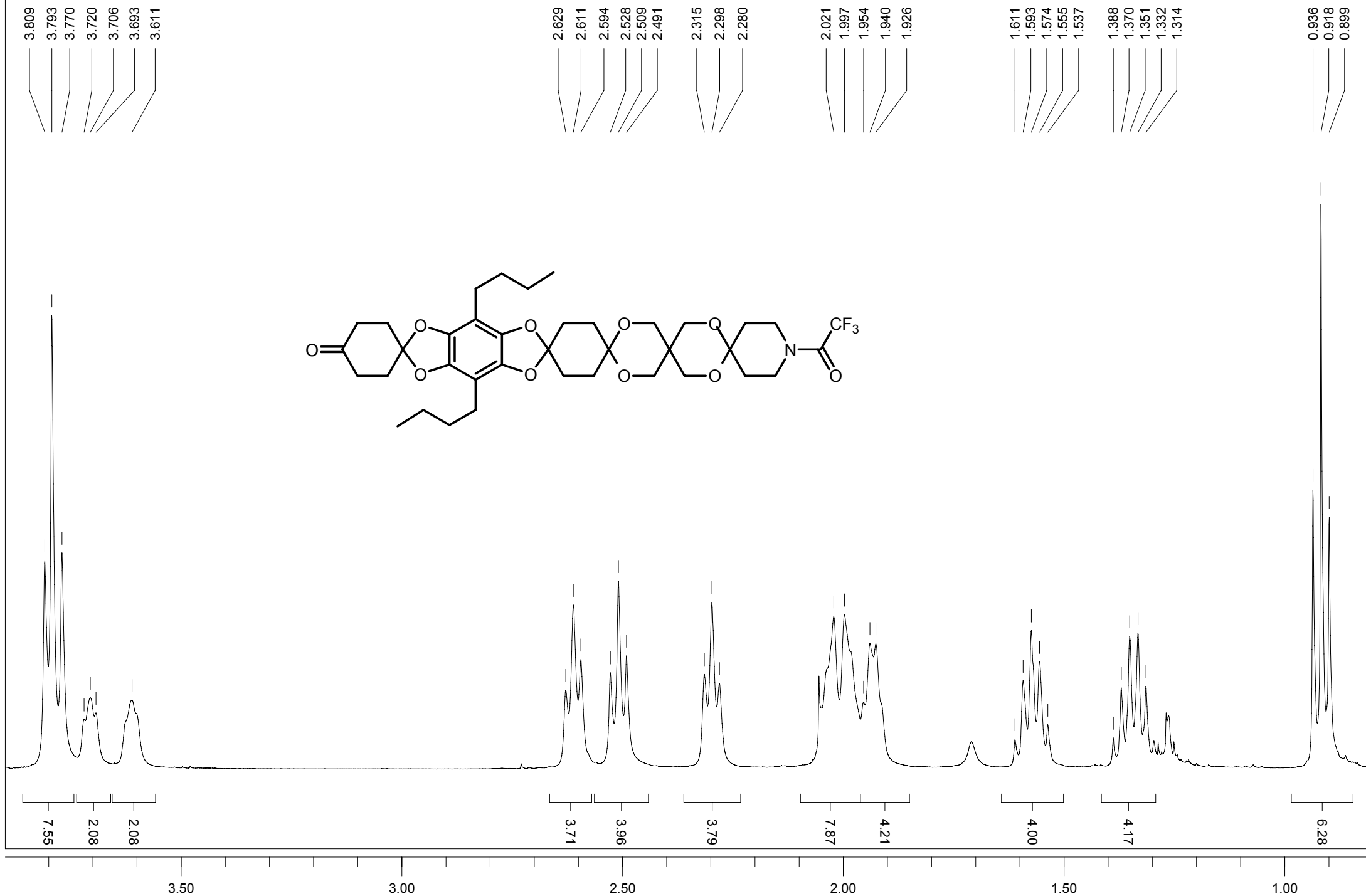


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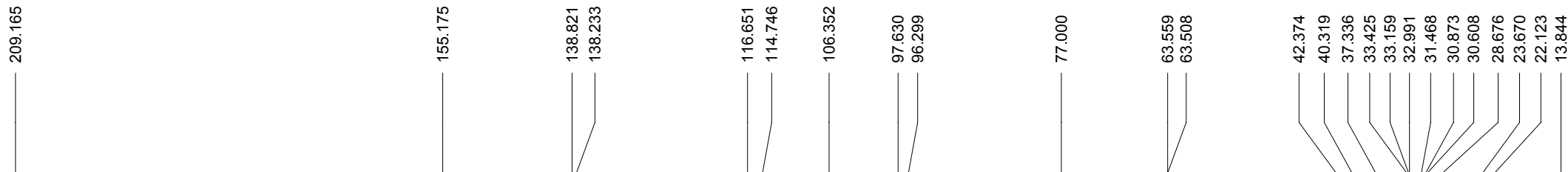
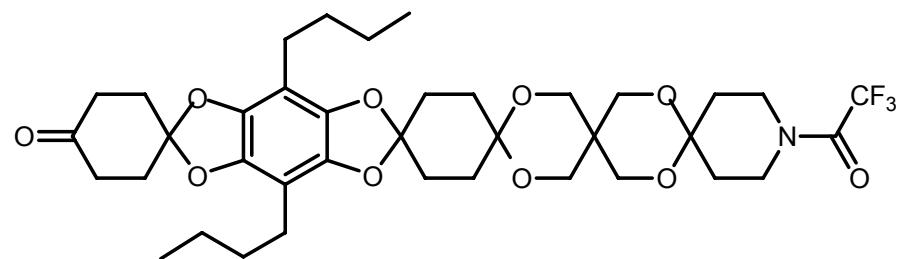
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50

27b



27b



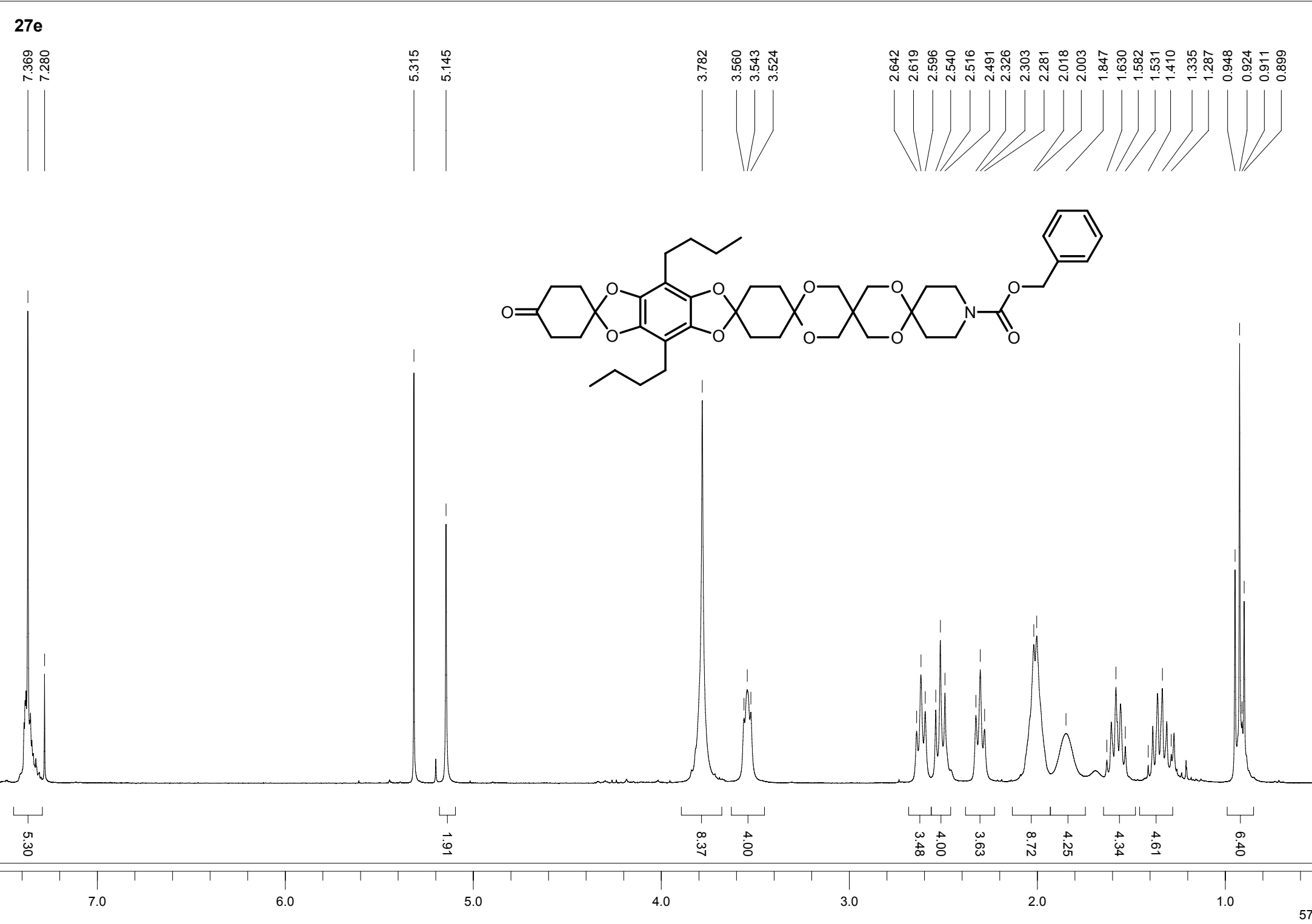
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150

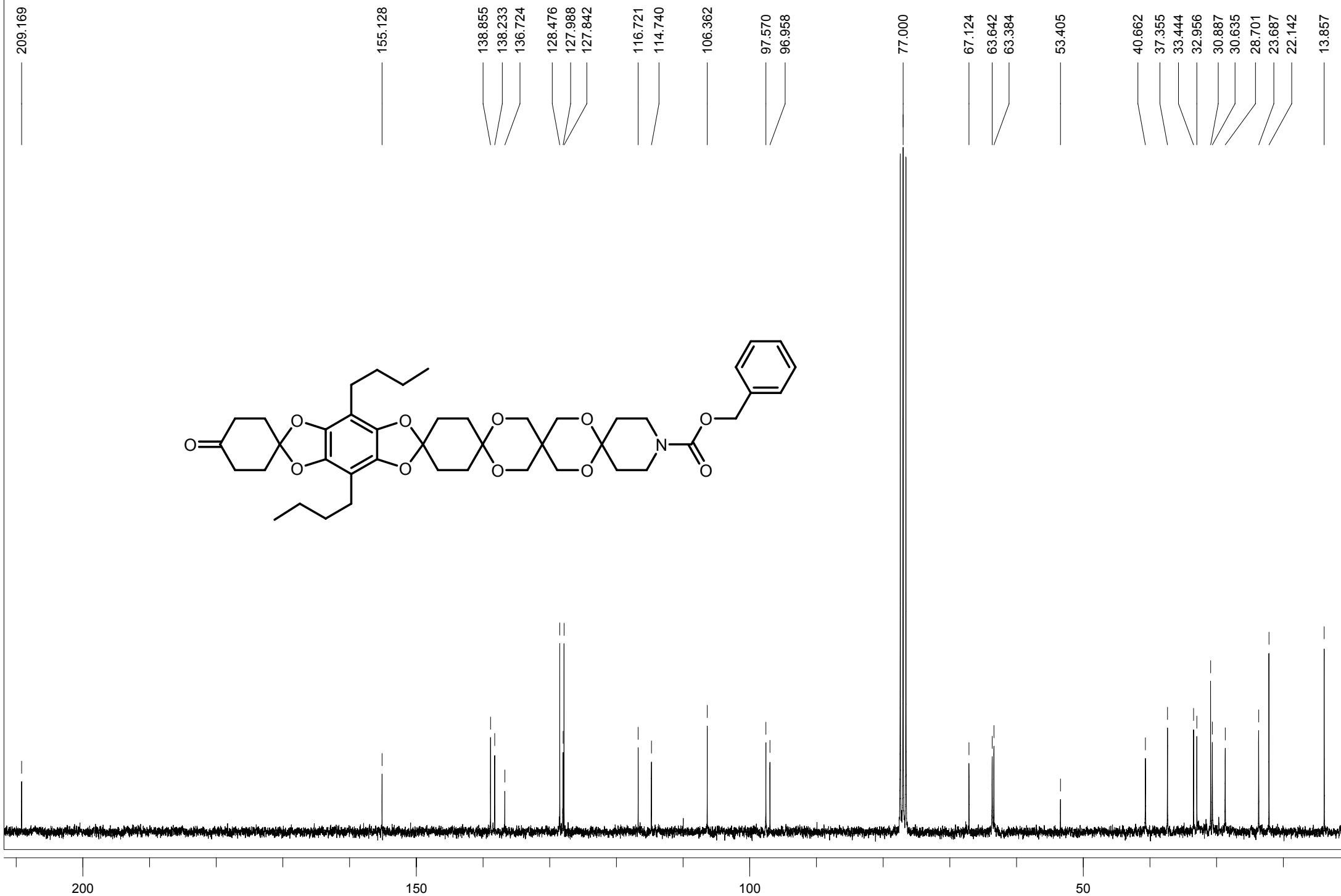
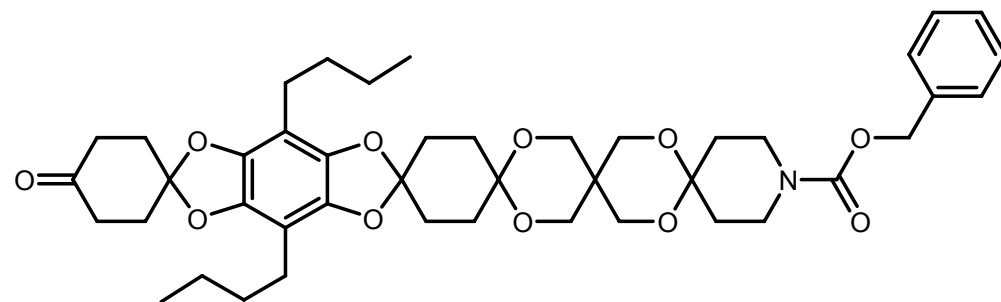
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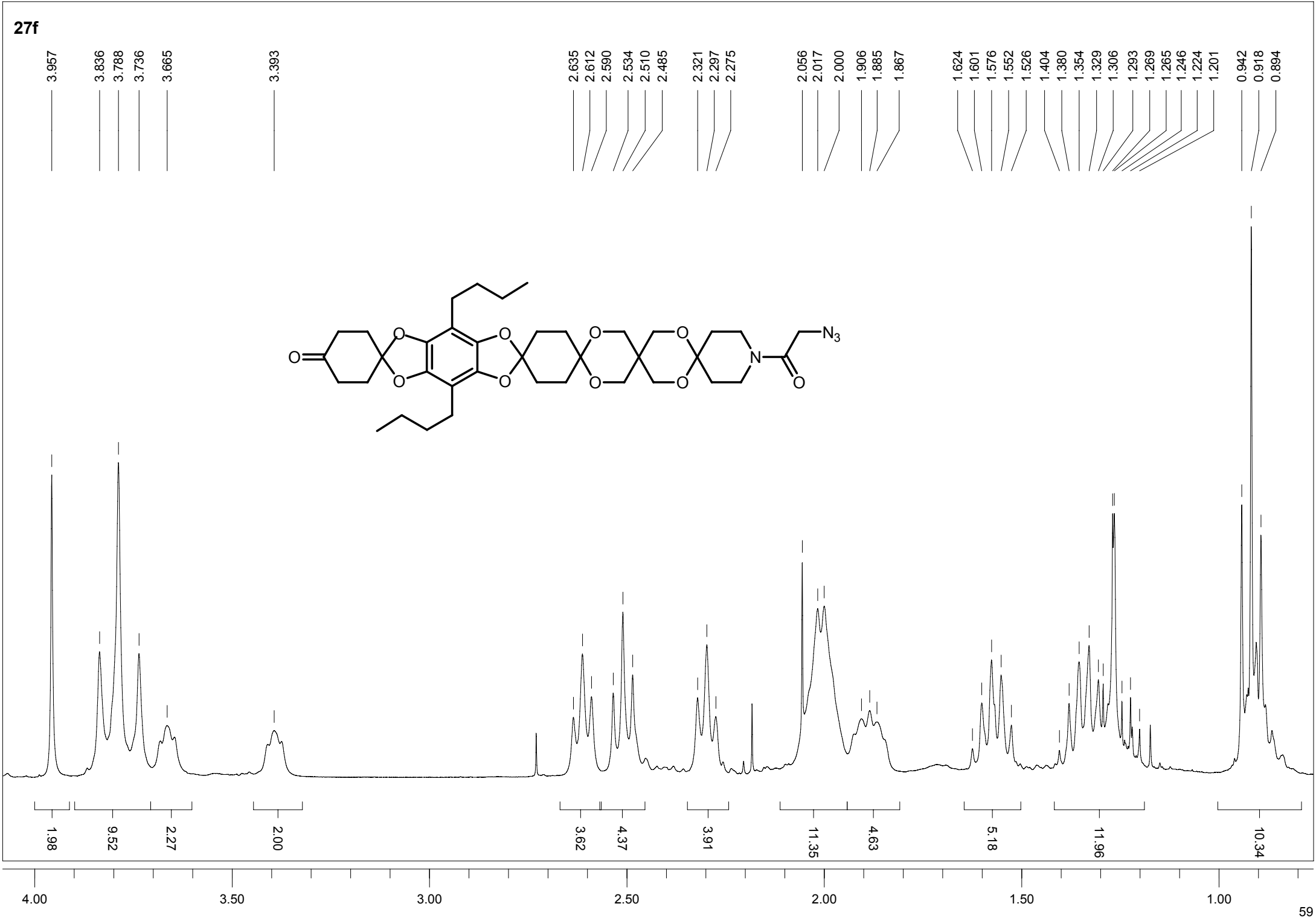
27e



27e



27f



27f

