

## Supporting Information

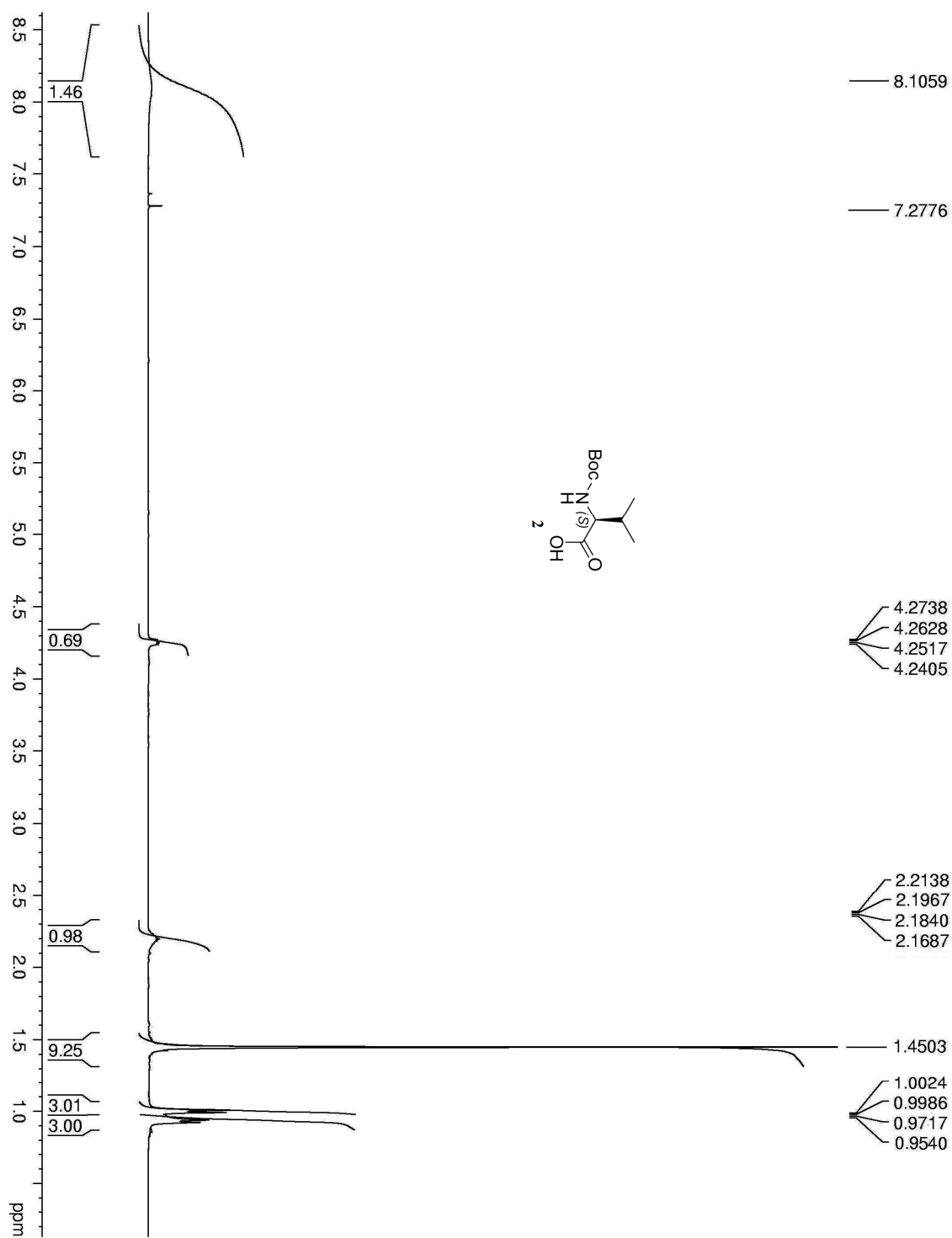
### Reversal of selectivity in acetate aldol reactions of *N*-acetyl-(*S*)-4-isopropyl-1-[(*R*)-1-phenylethyl]imidazolidin-2-one

Gopal L. Khatik, Varun Kumar, and Vipin A. Nair\*

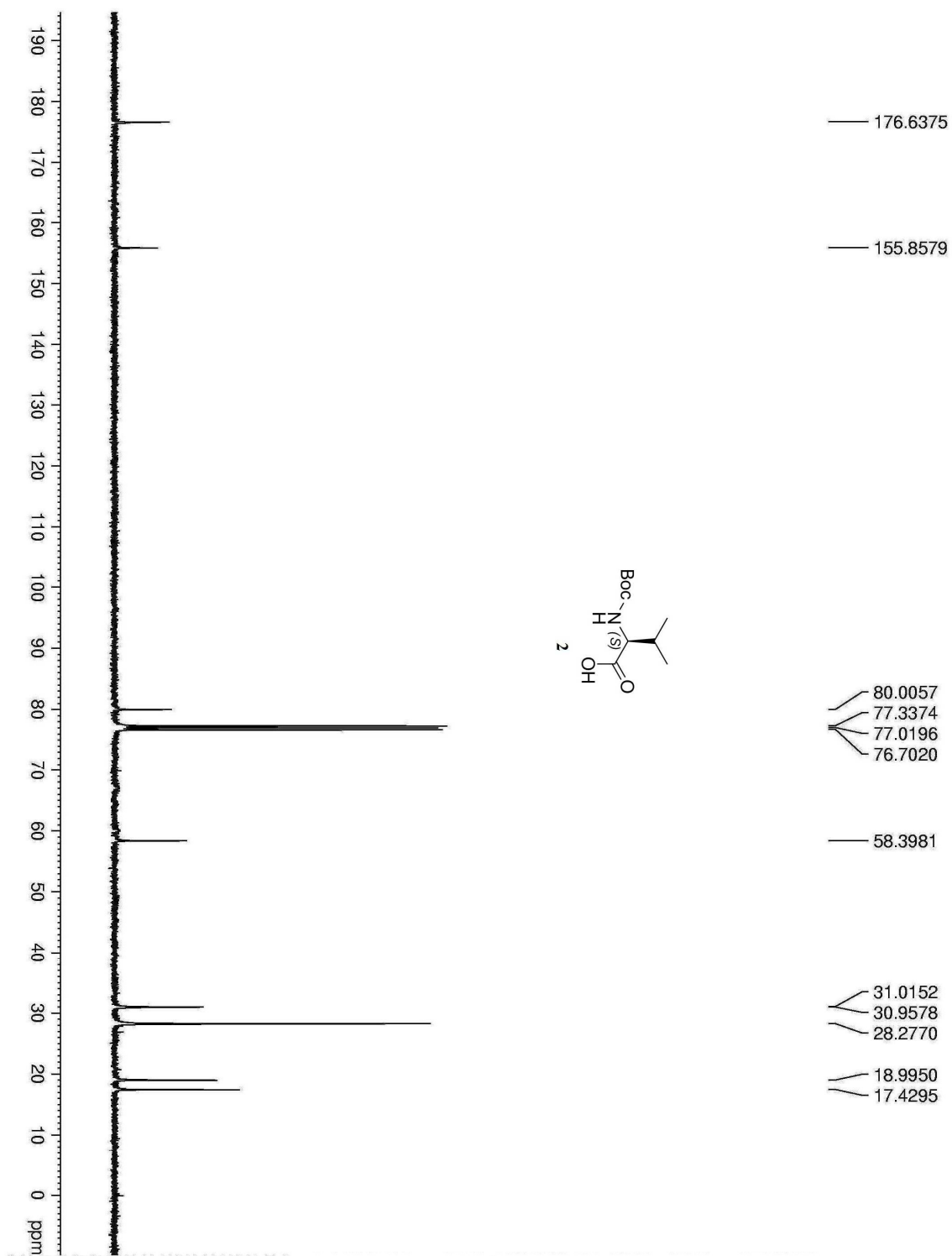
Department of Medicinal Chemistry, National Institute of Pharmaceutical Education and Research (NIPER), Sector 67, Mohali, Punjab 160 062, India.

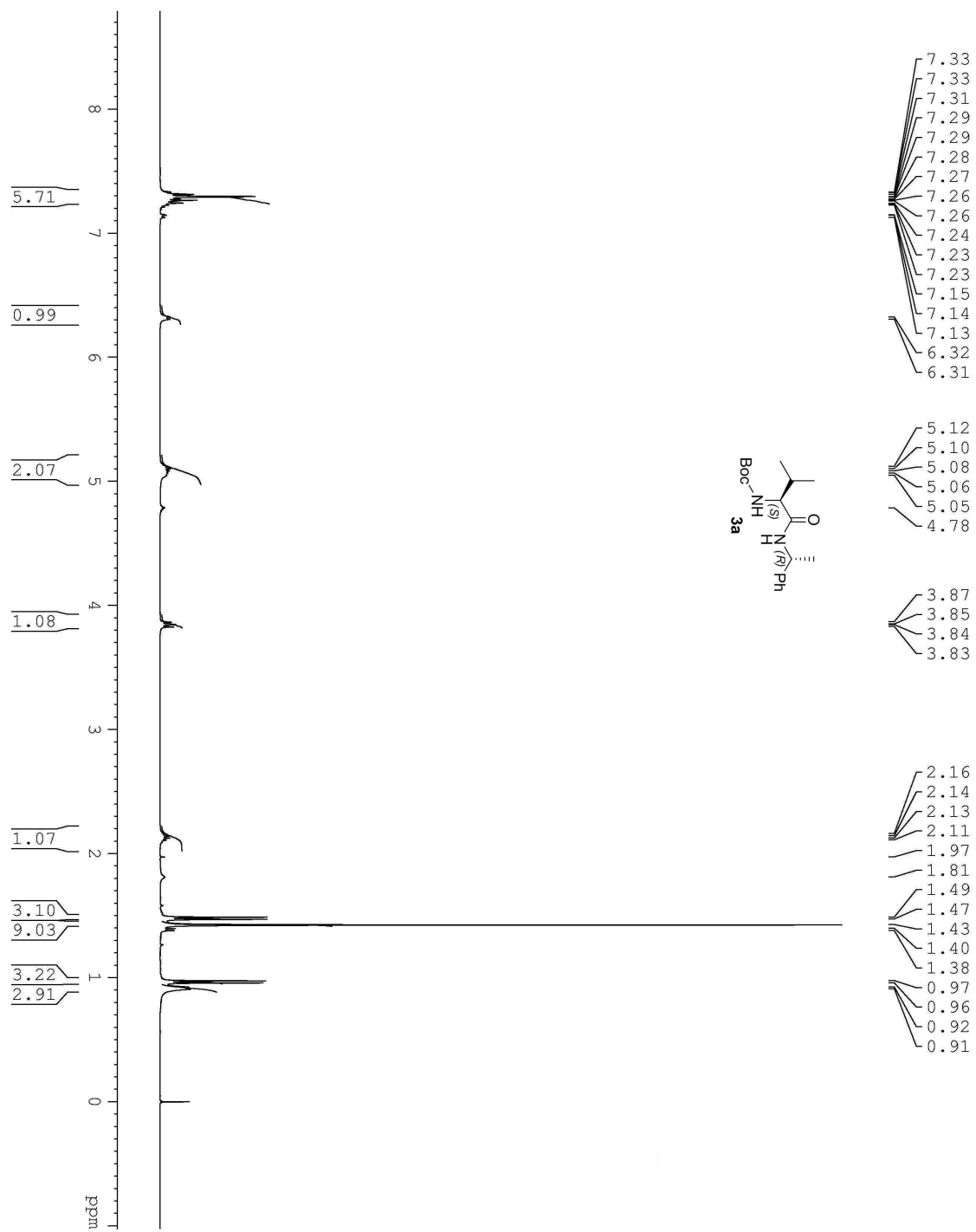
*Email: [vn74nr@yahoo.com](mailto:vn74nr@yahoo.com), [vnair@niper.ac.in](mailto:vnair@niper.ac.in)*

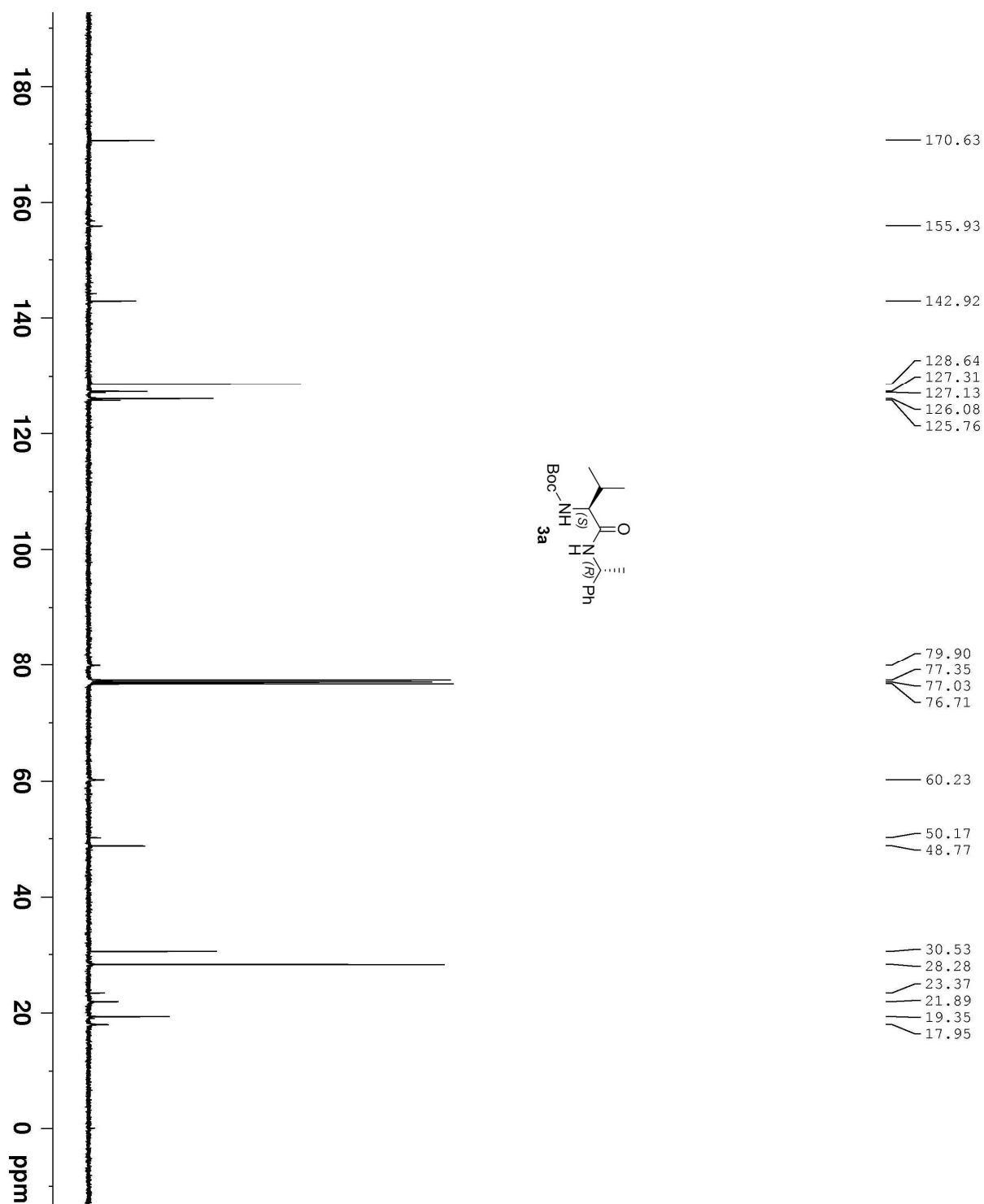
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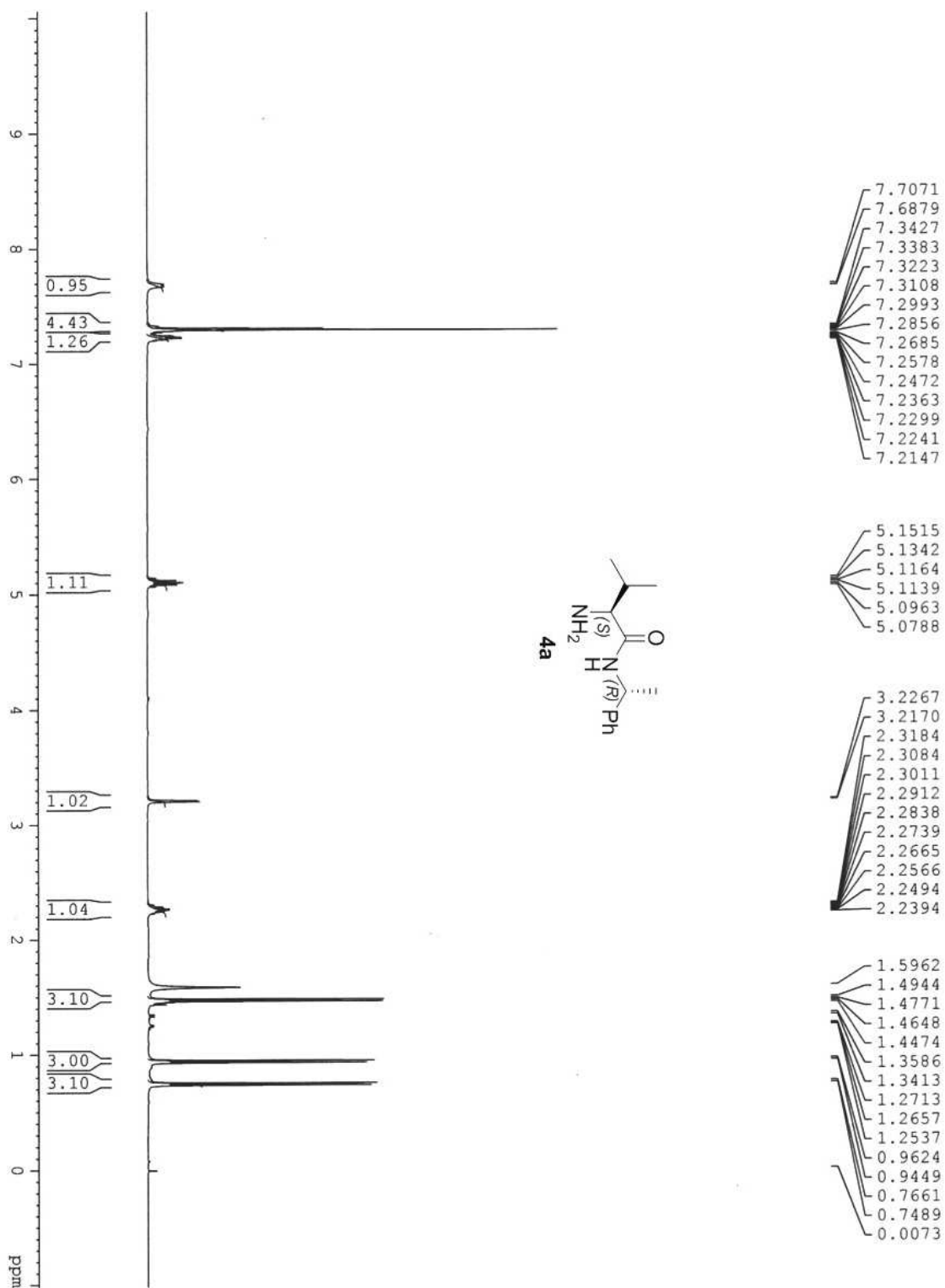


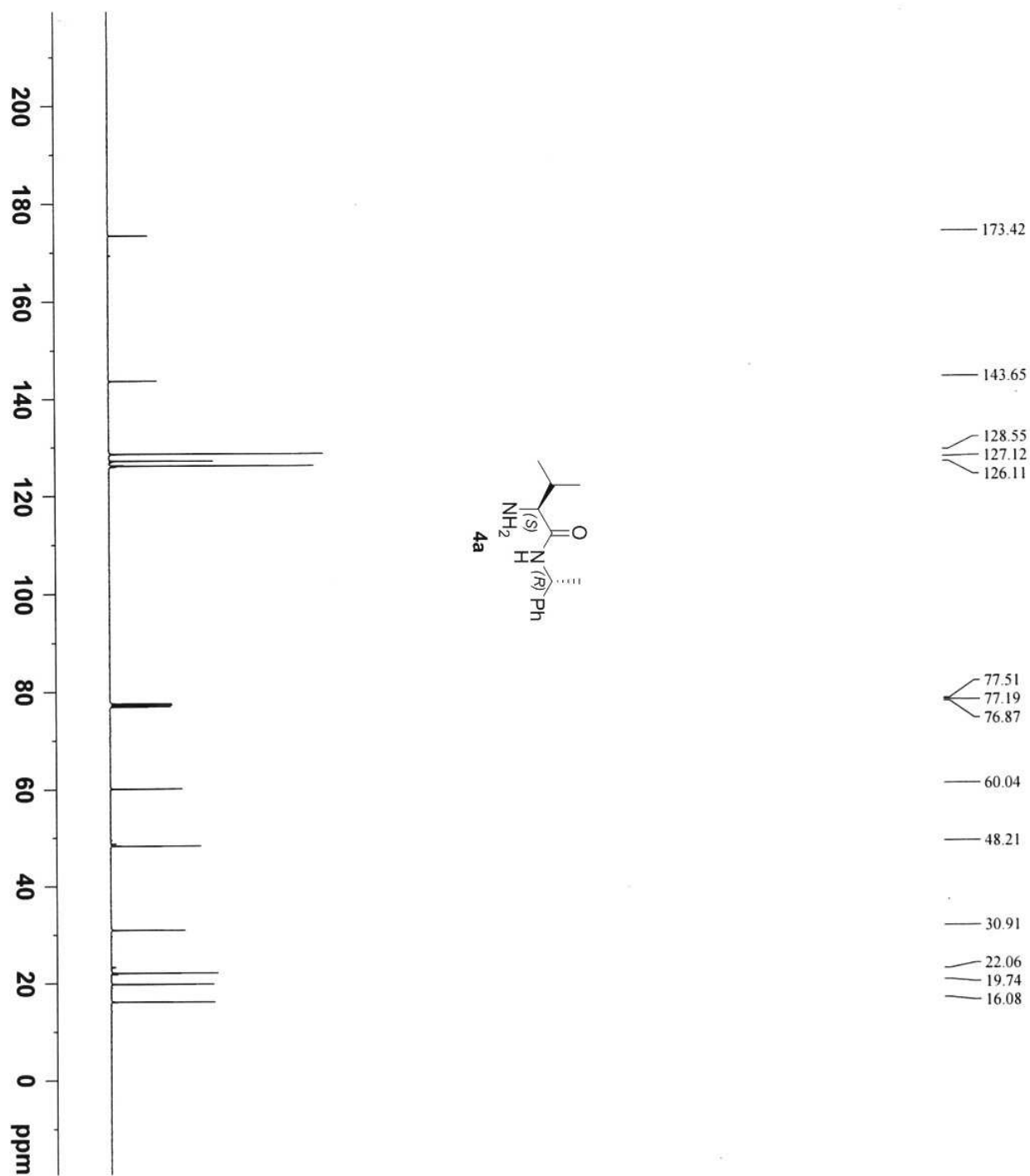


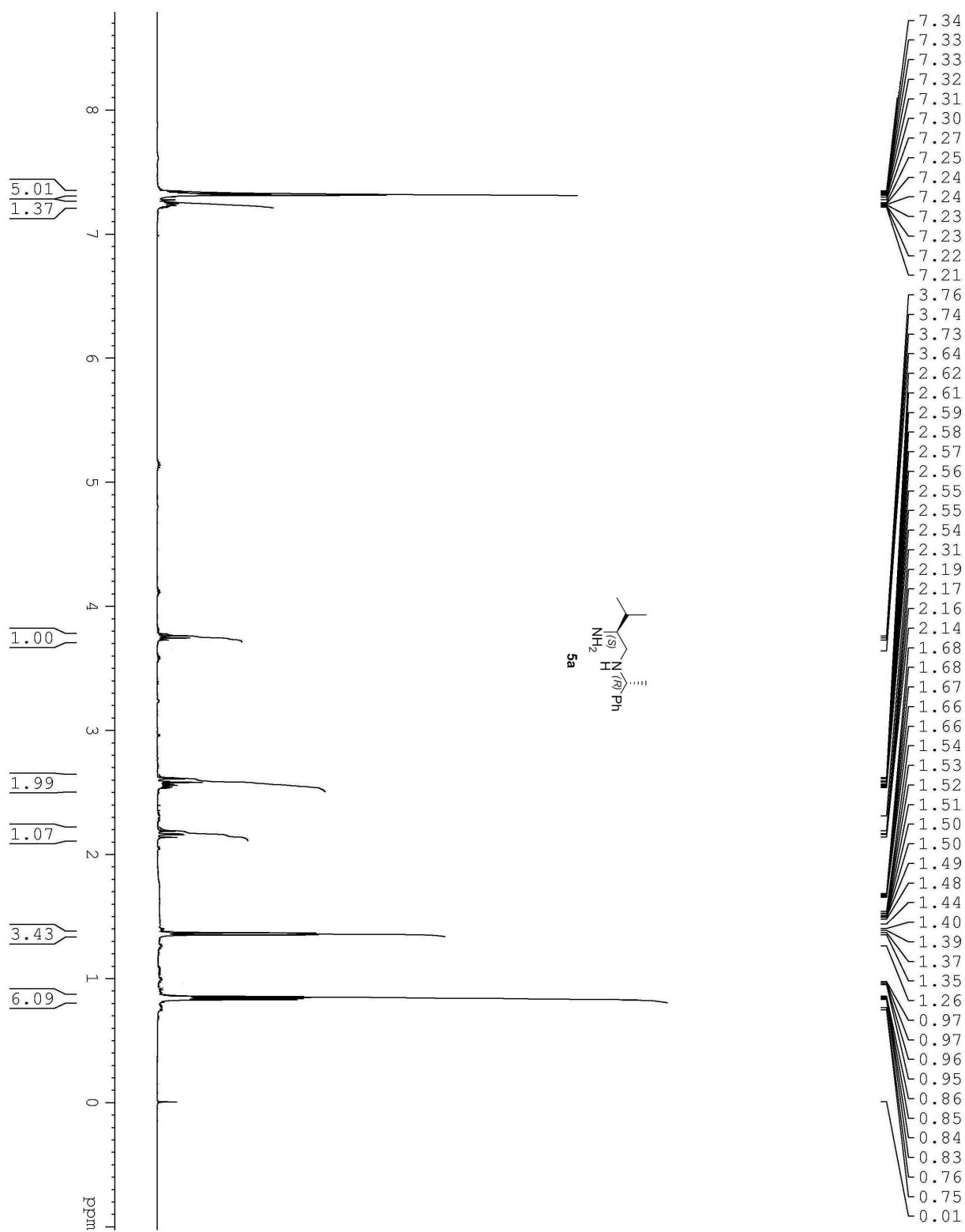


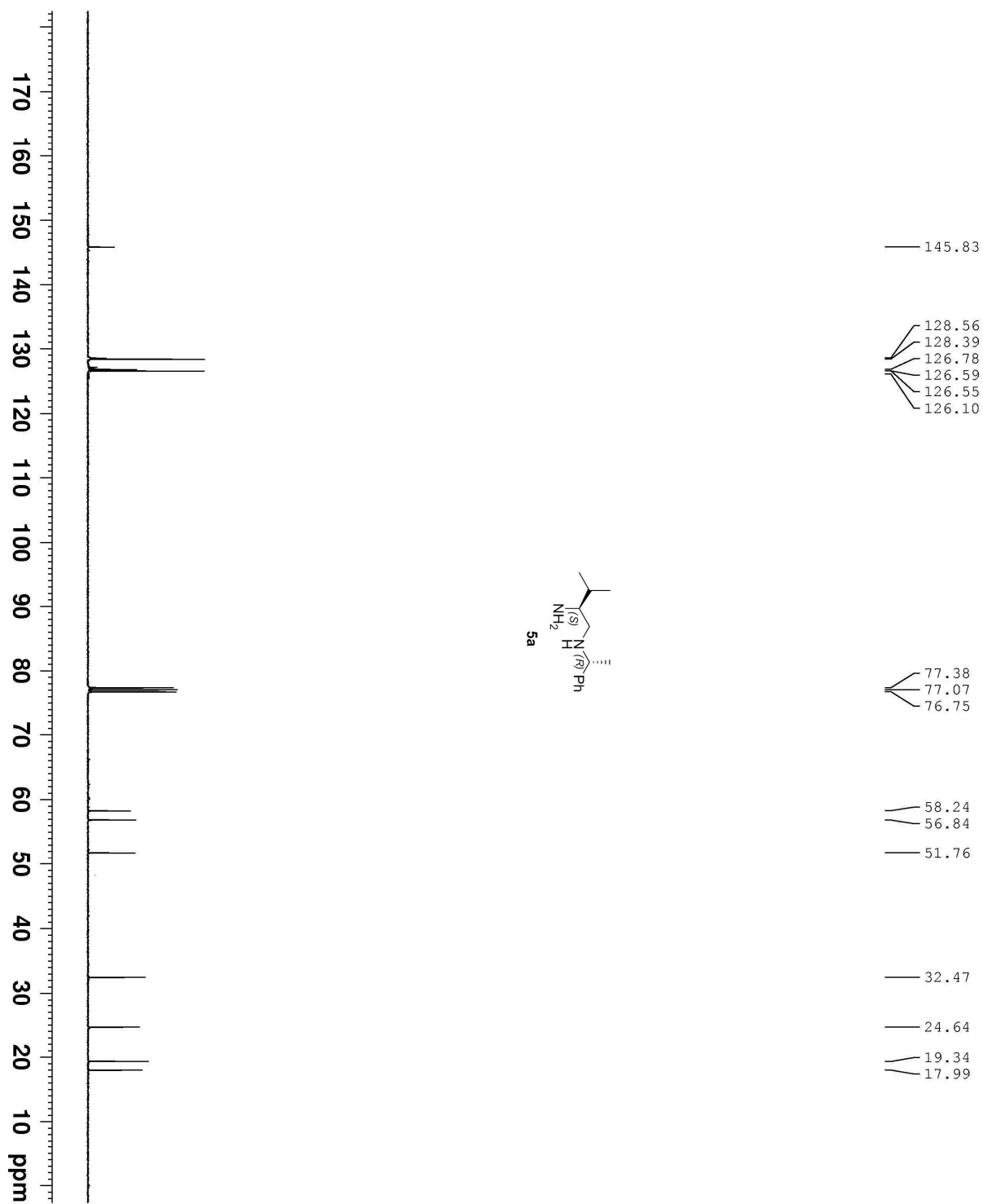


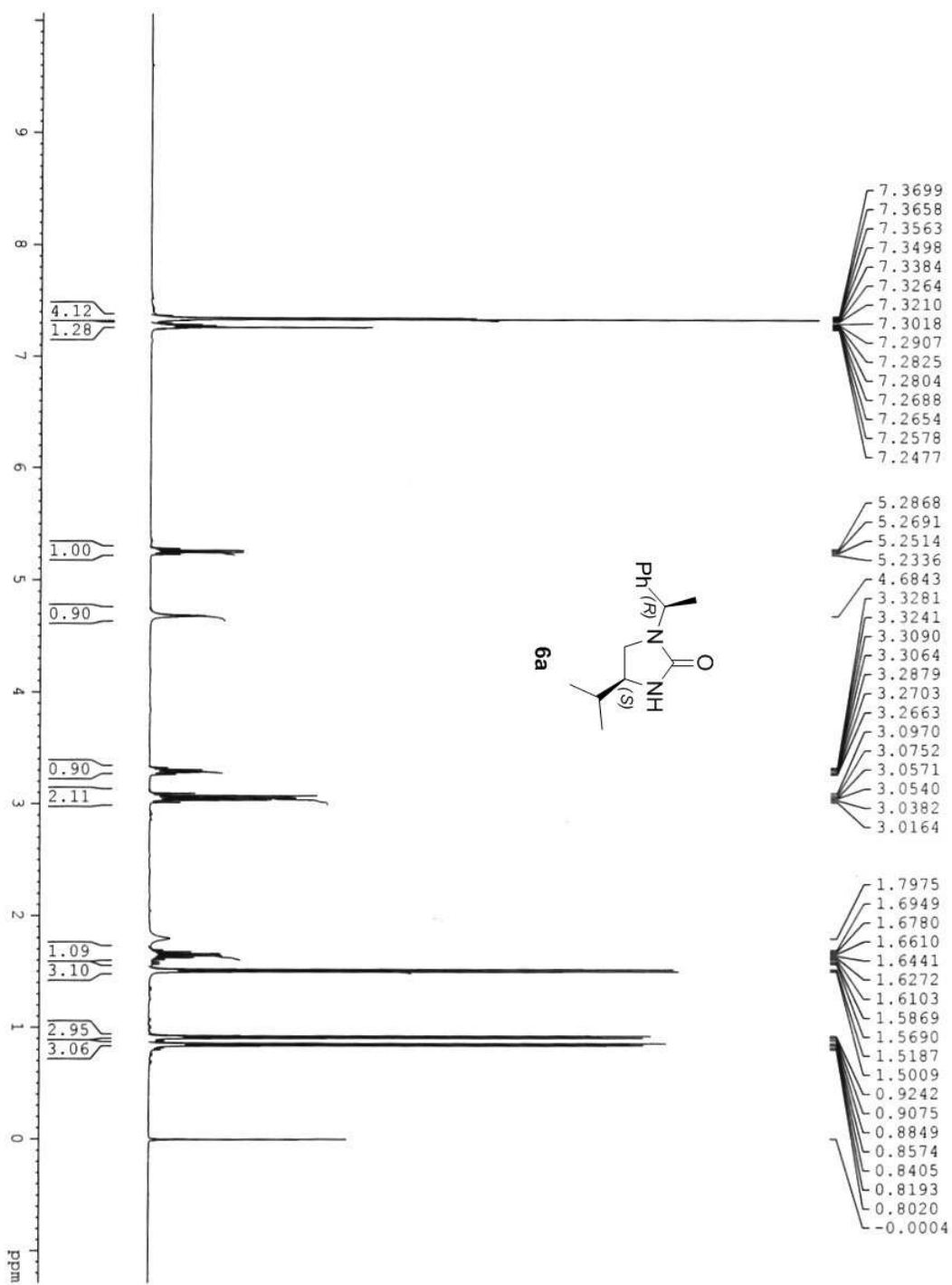




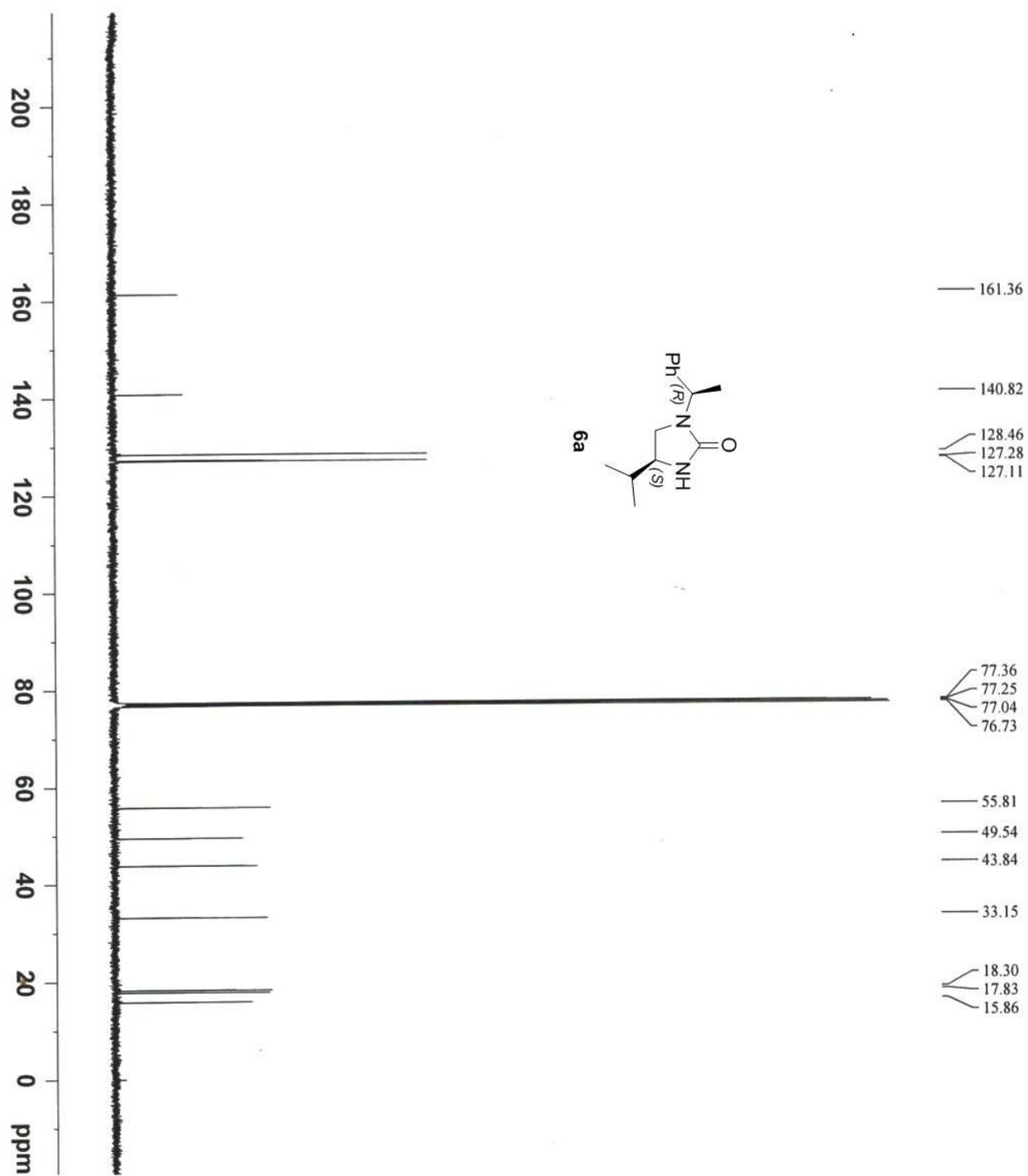


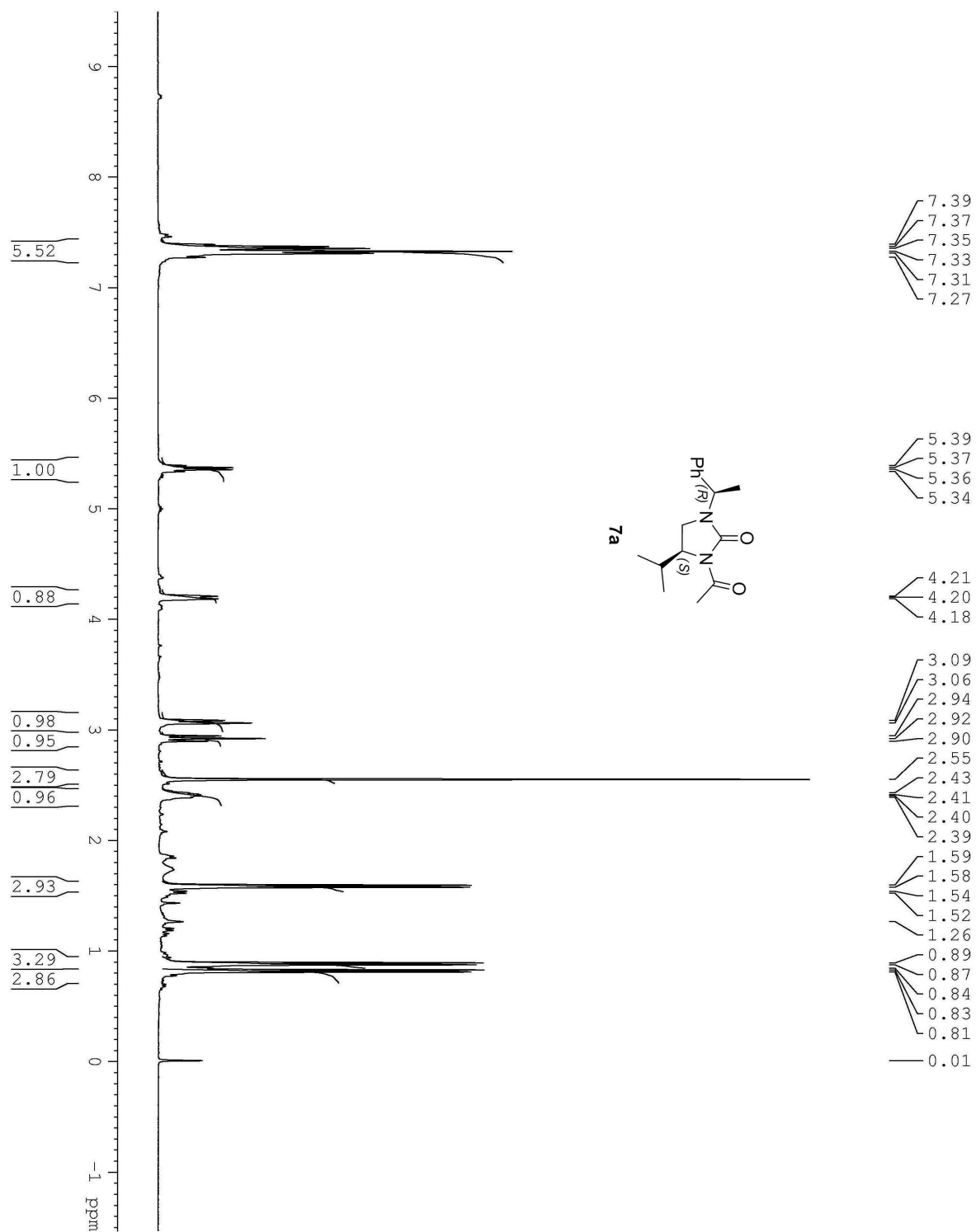


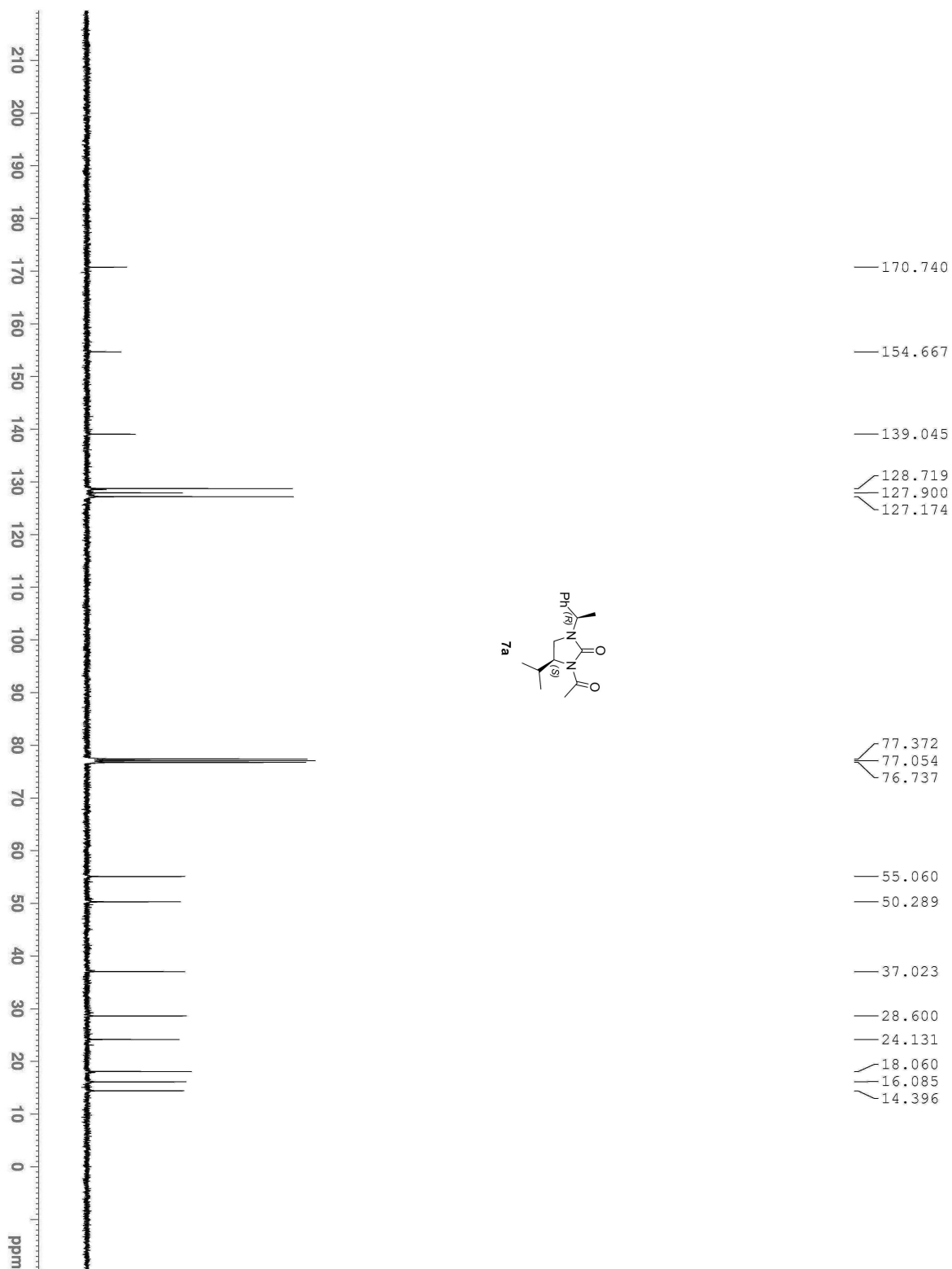


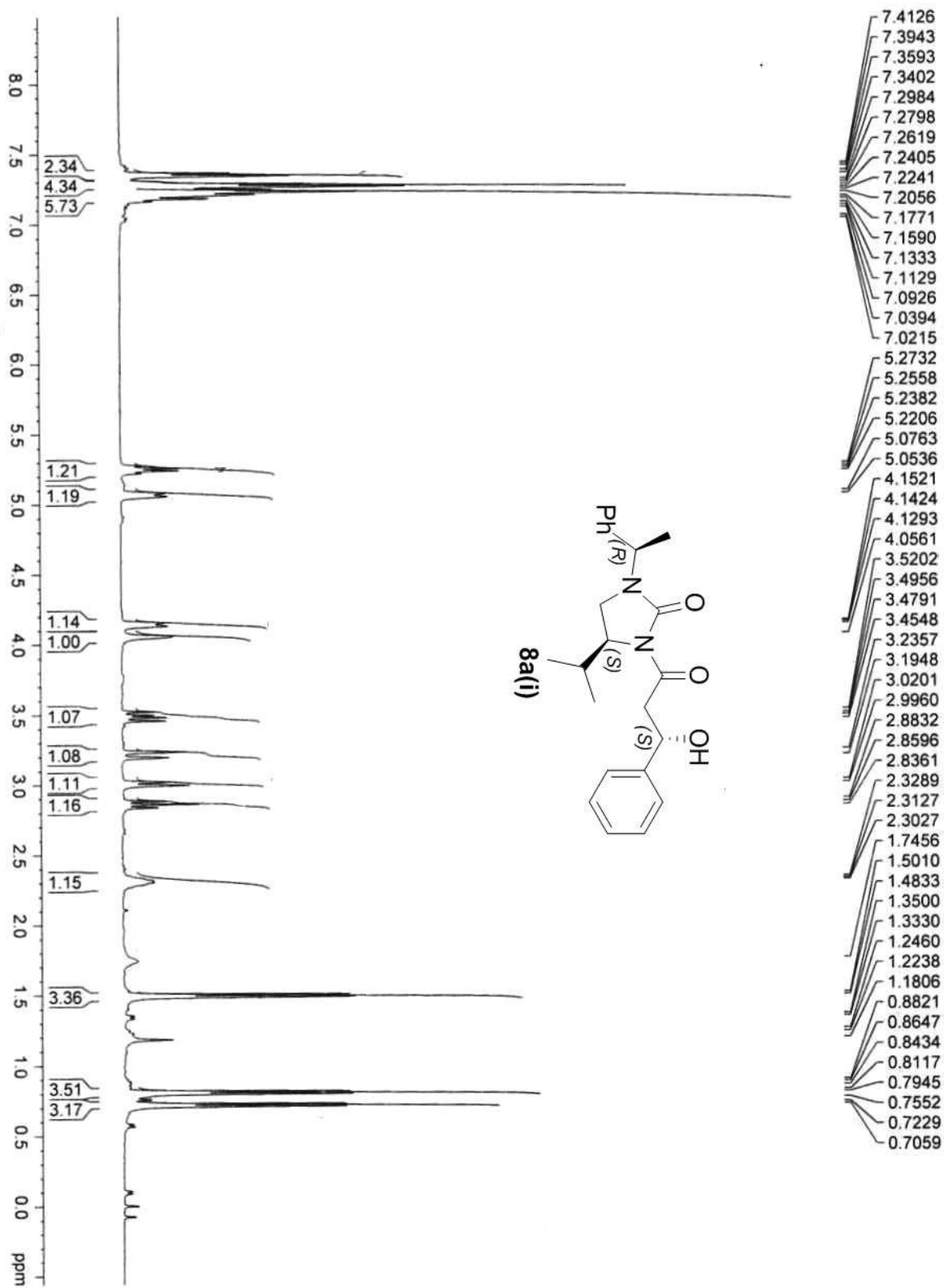


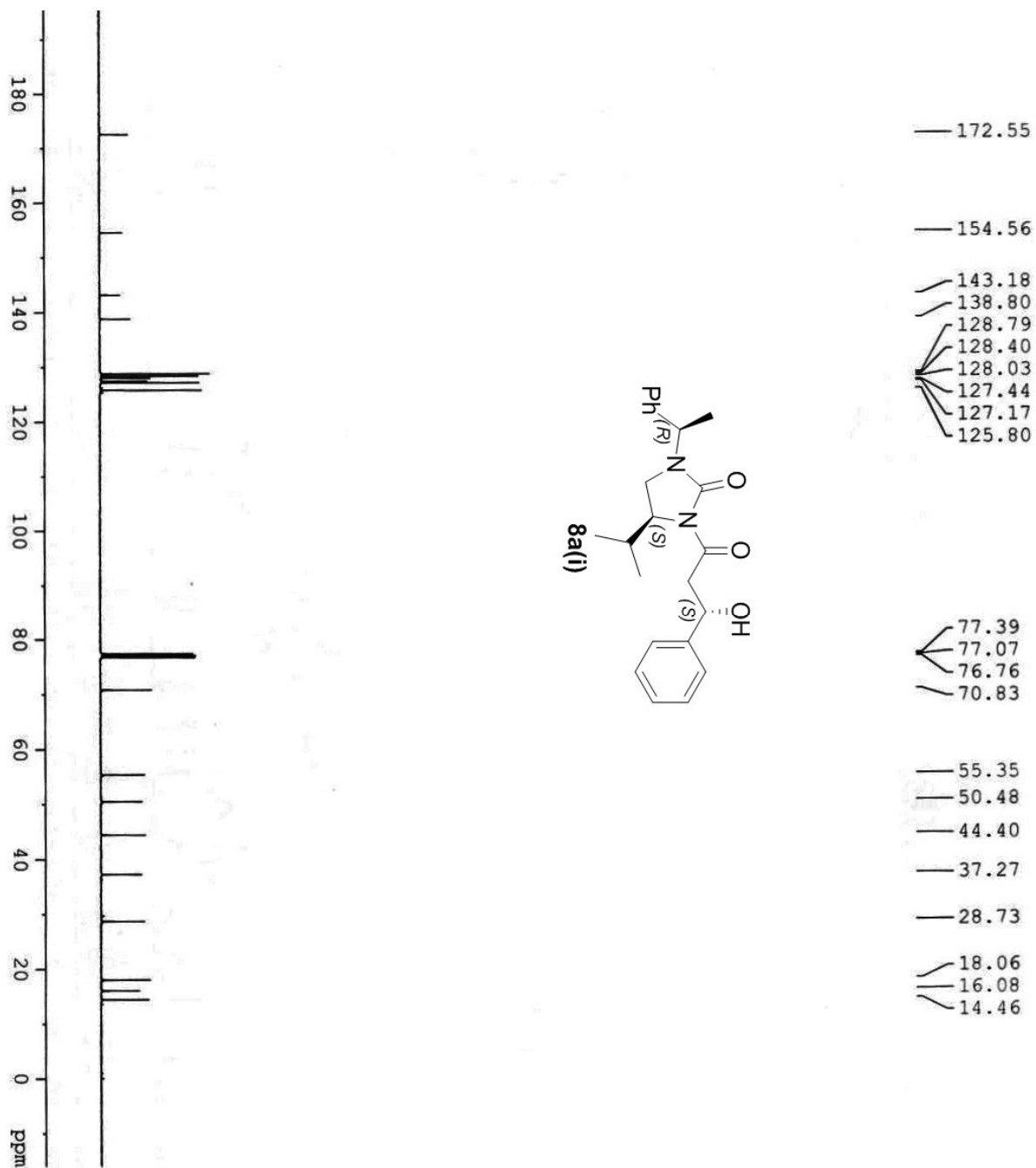


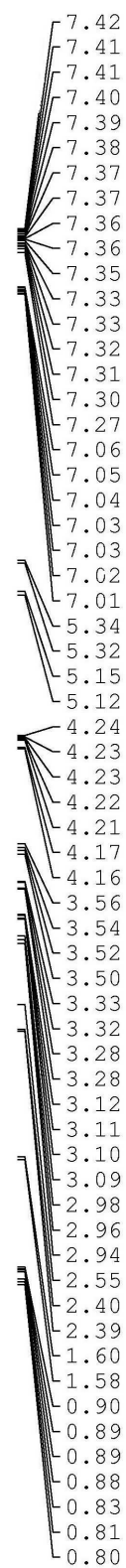
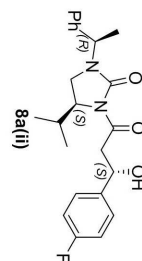
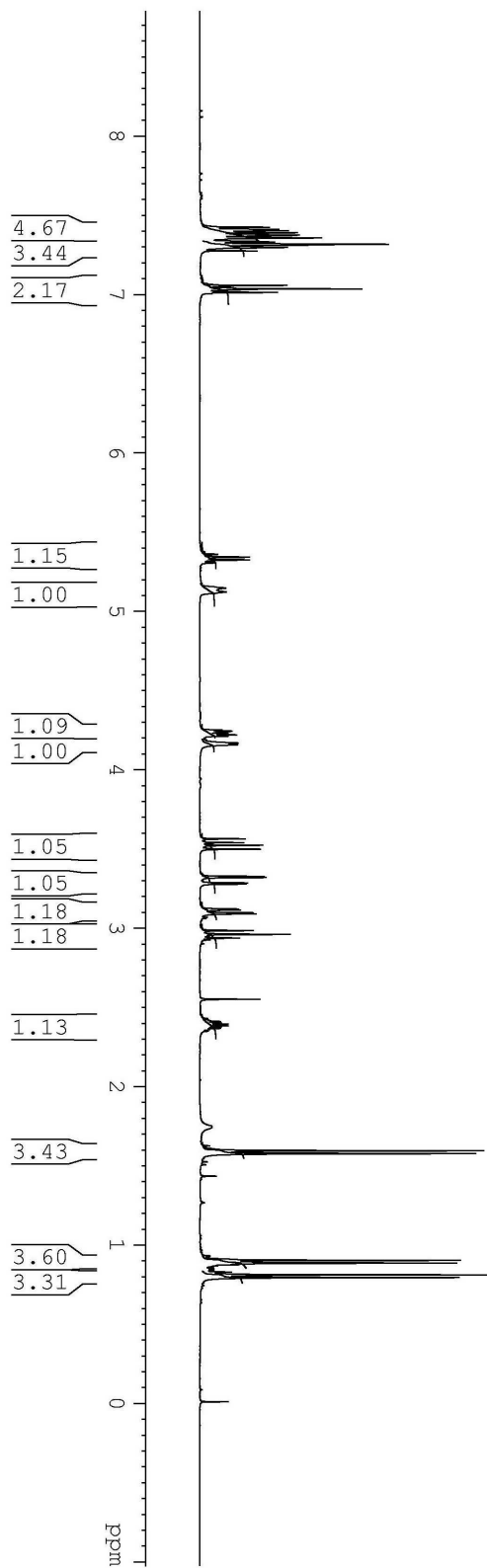


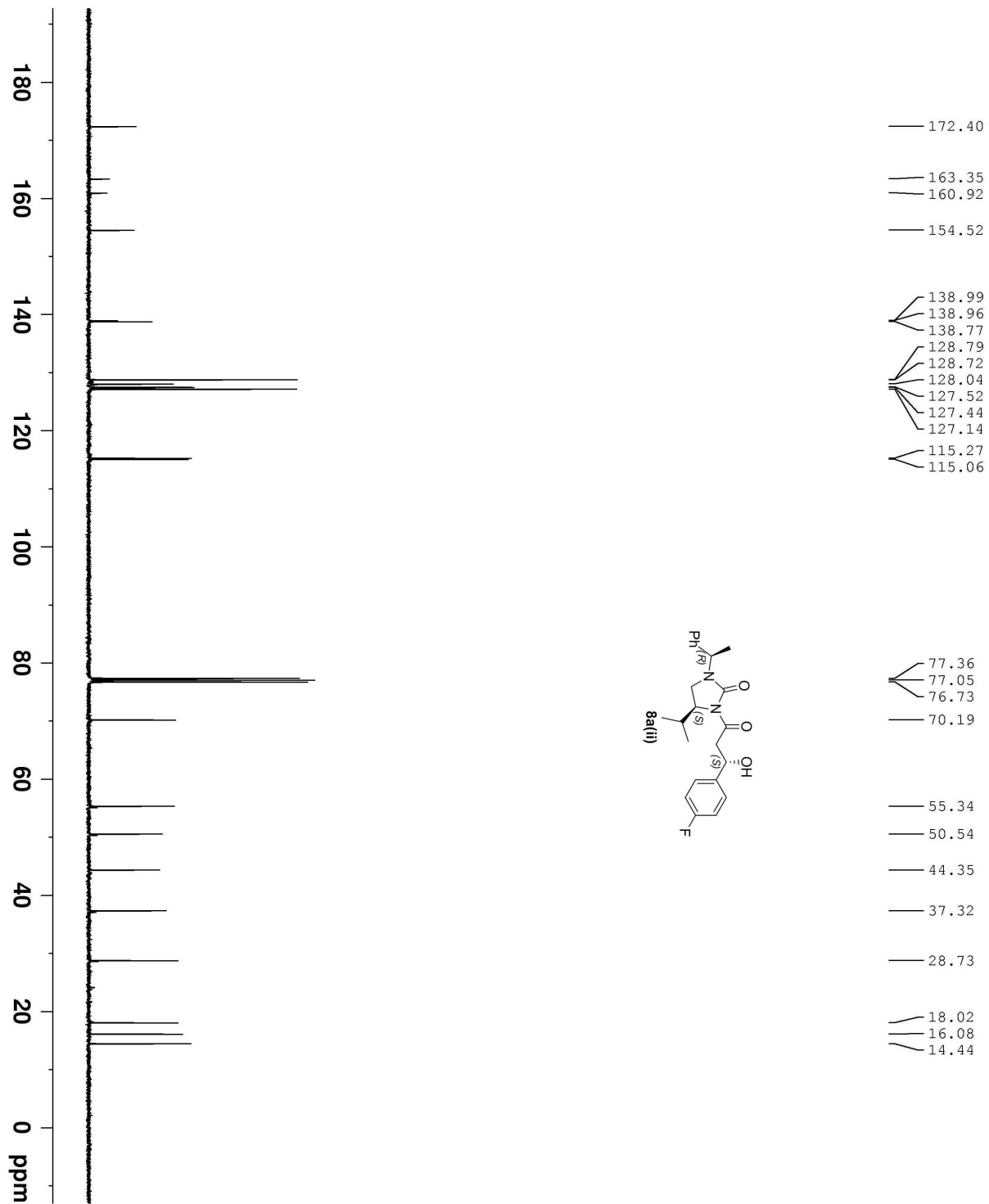


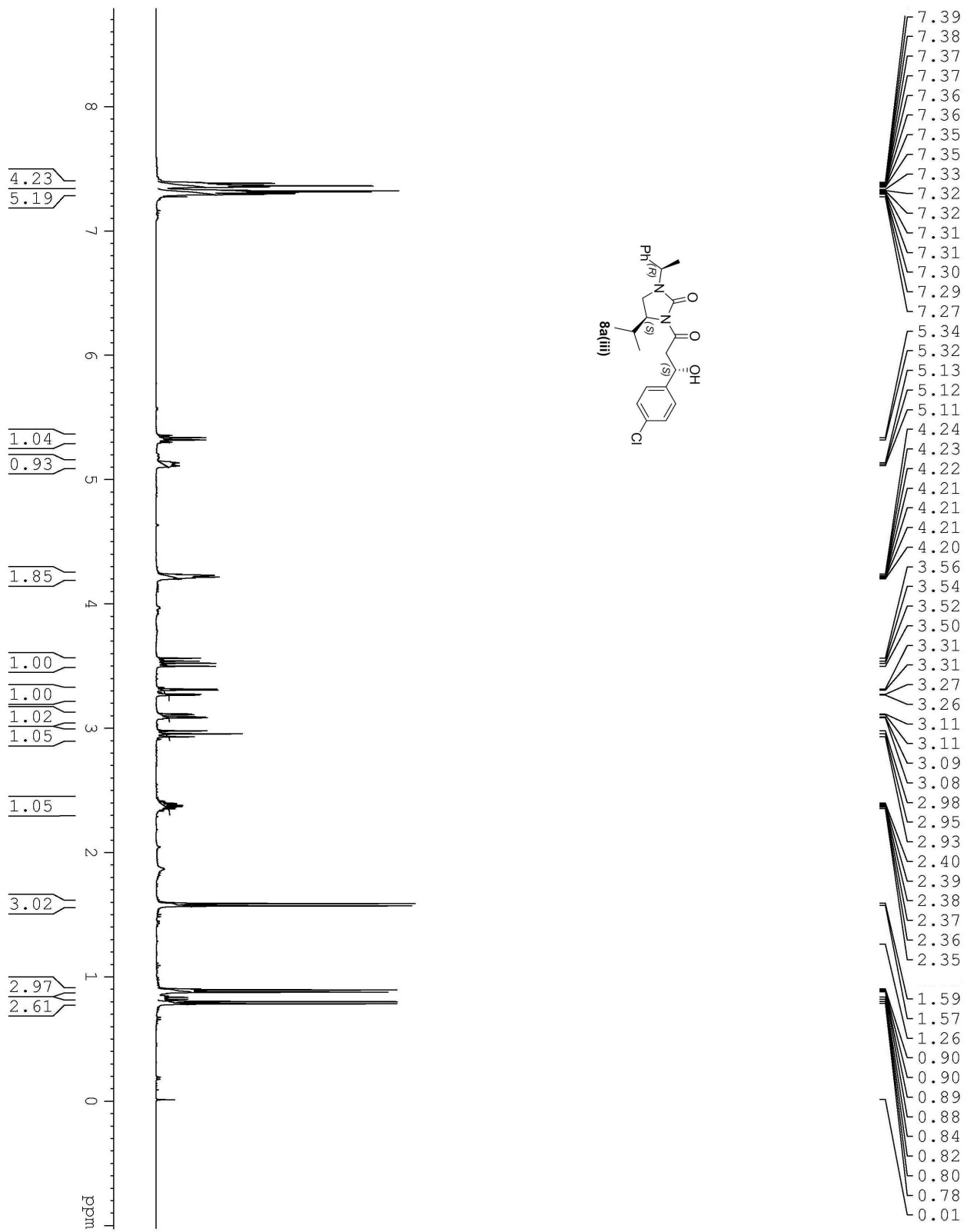




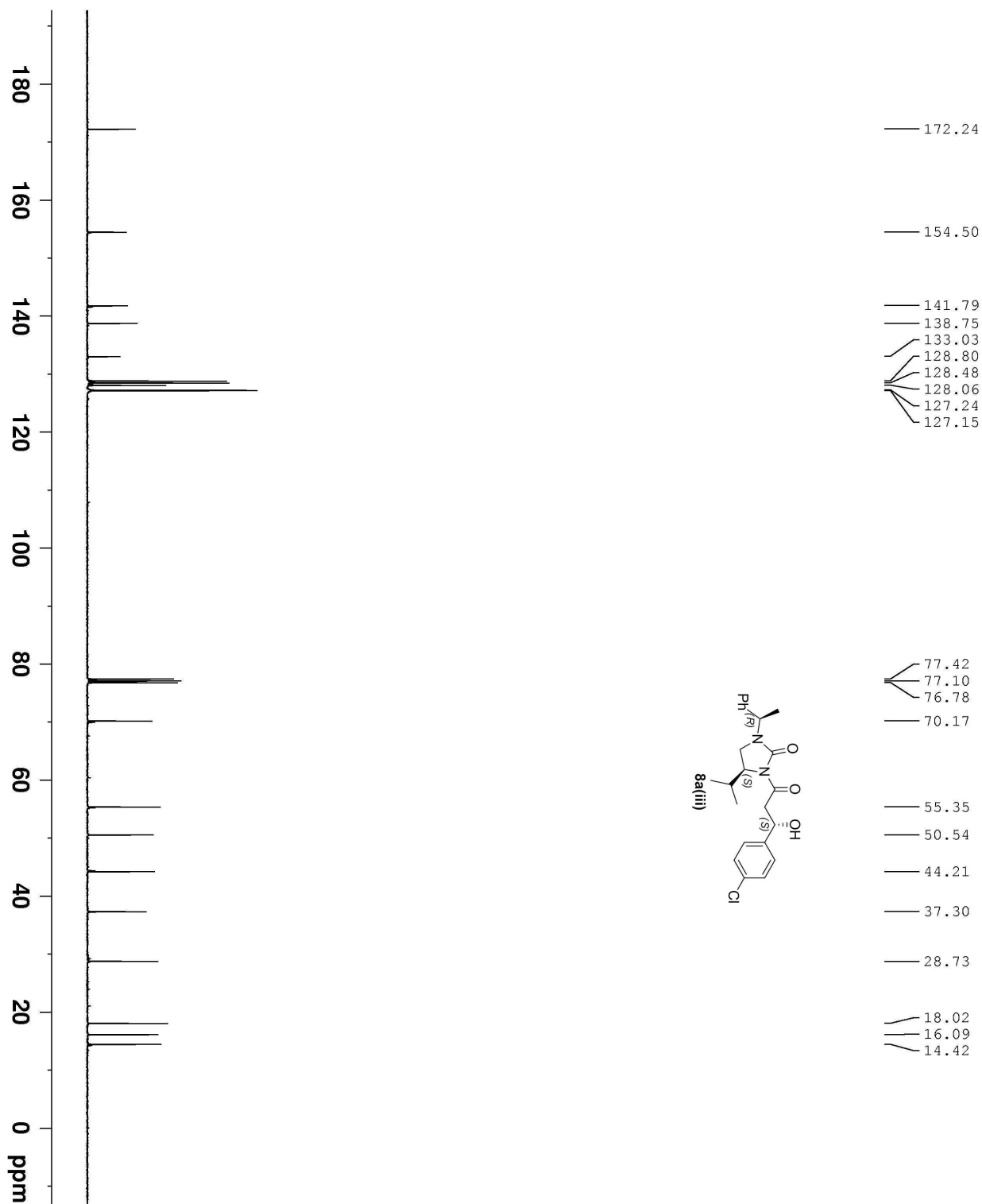


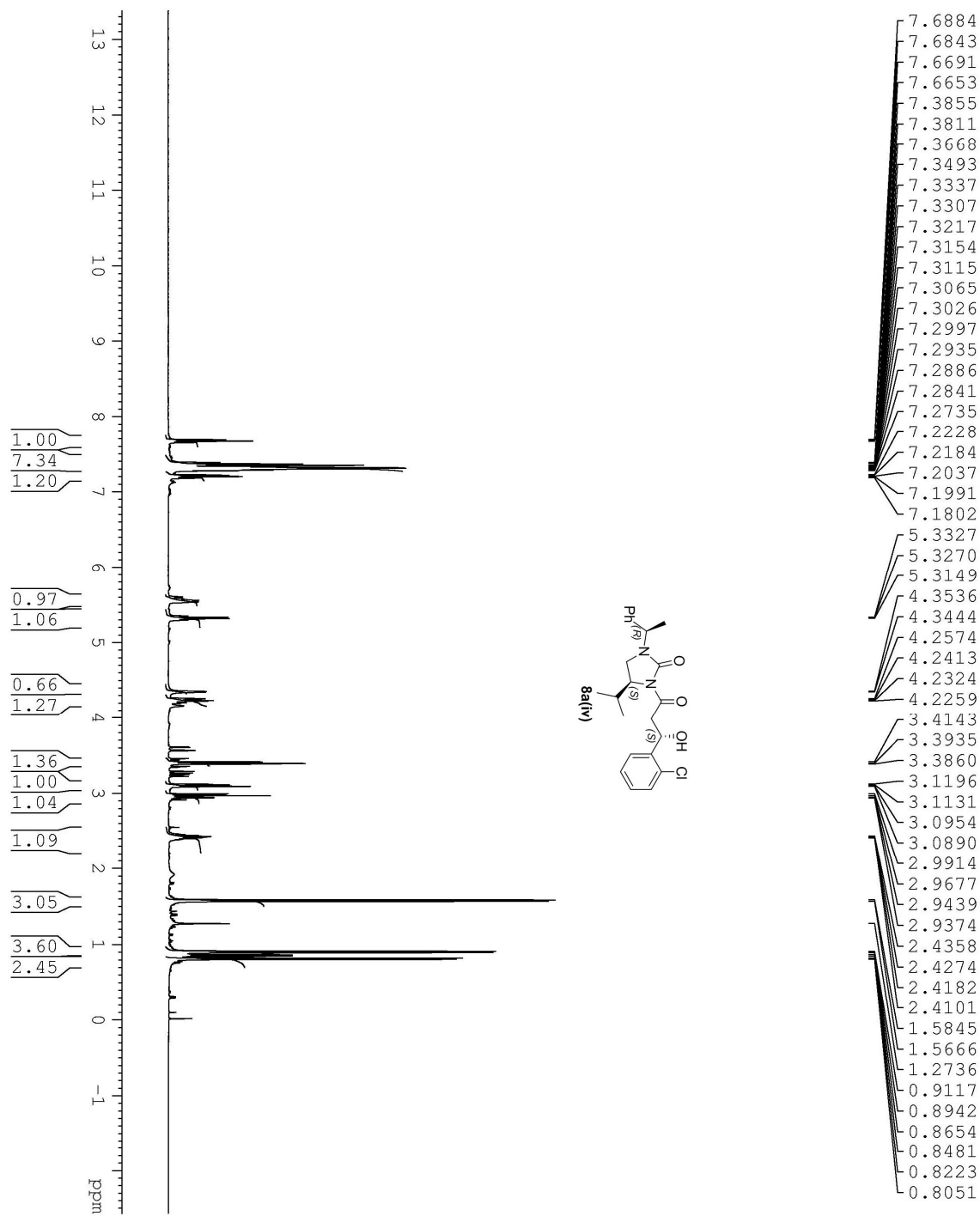


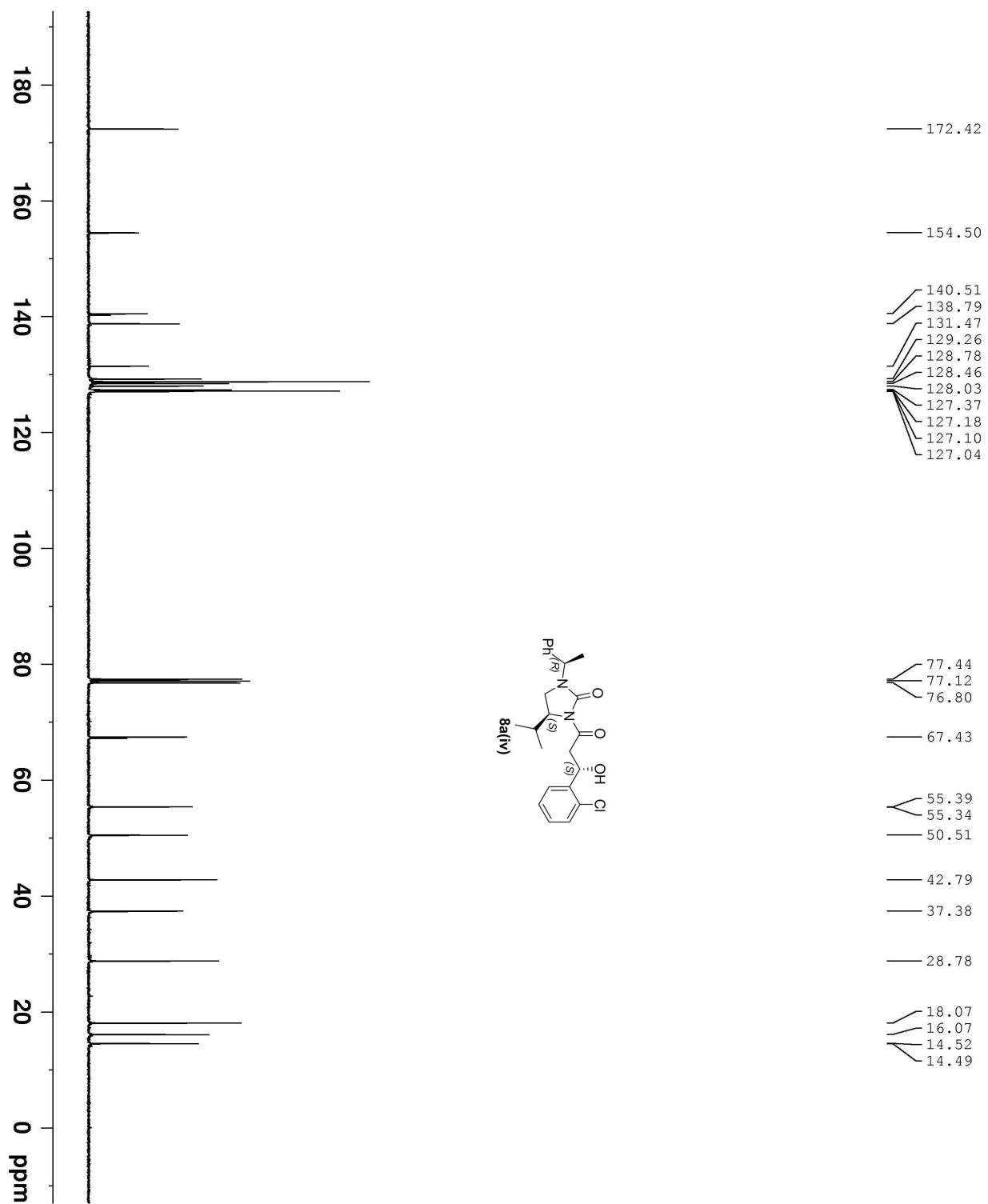


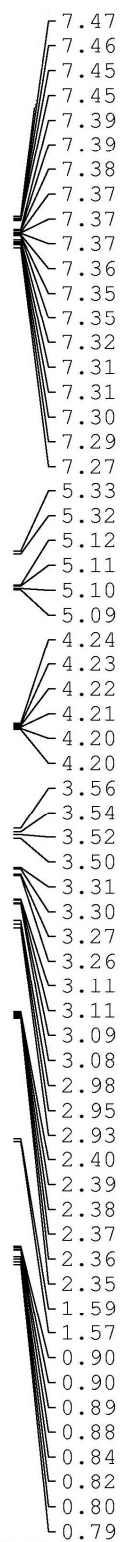
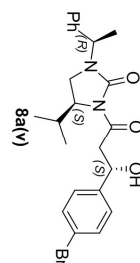
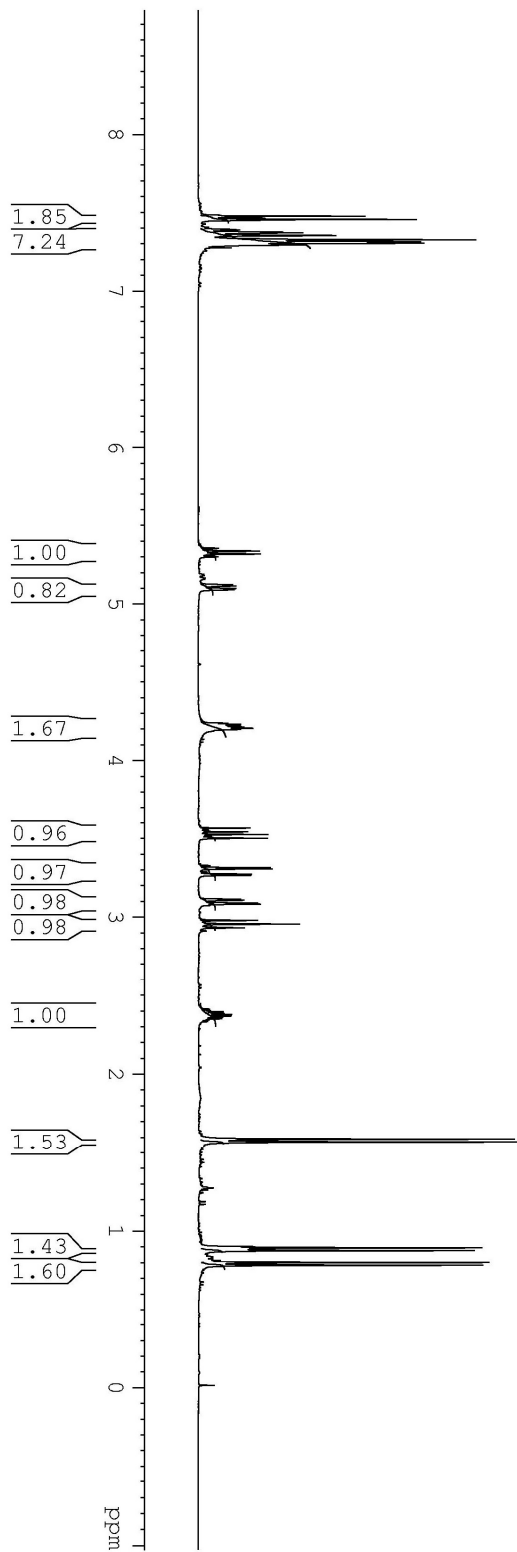


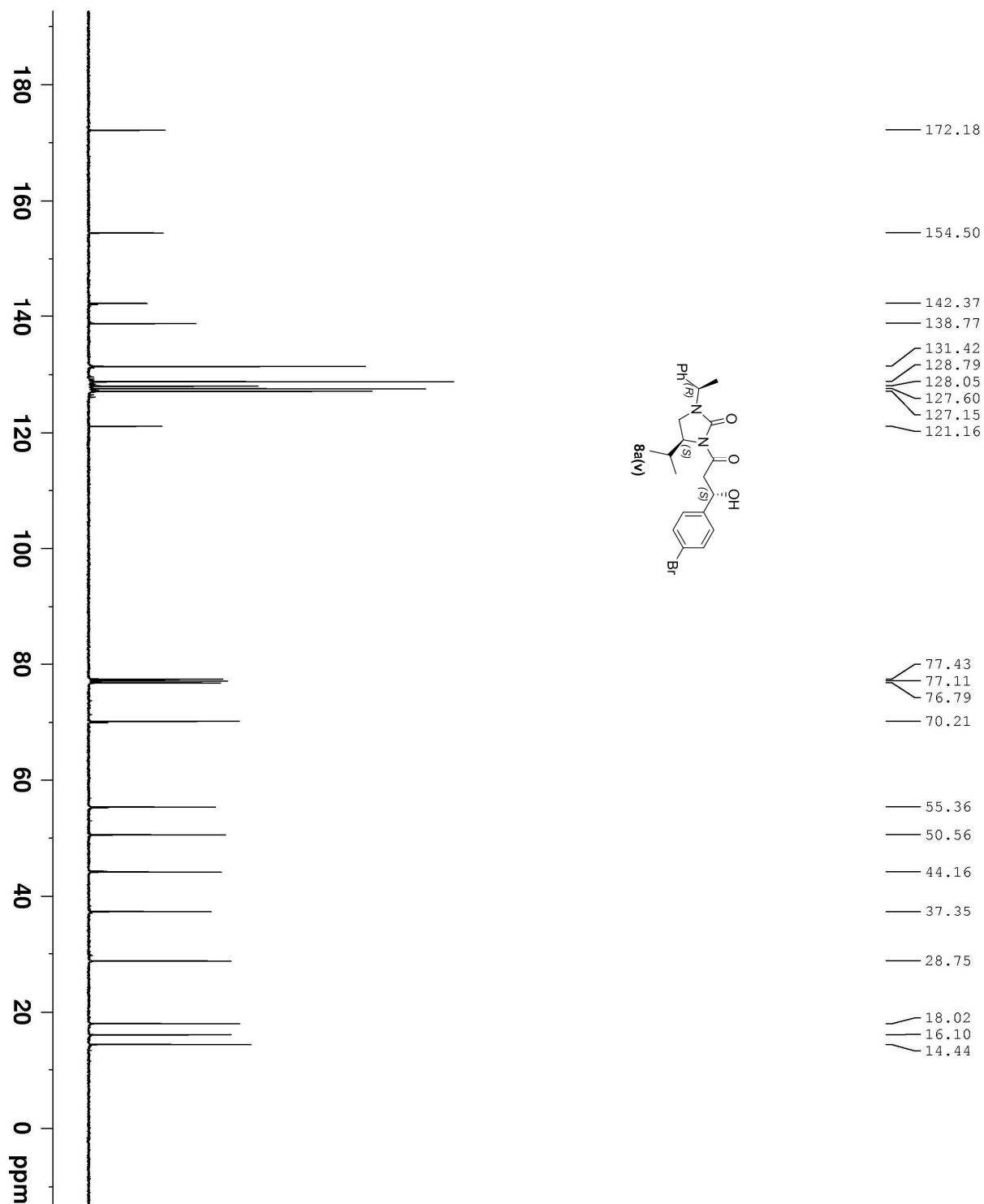


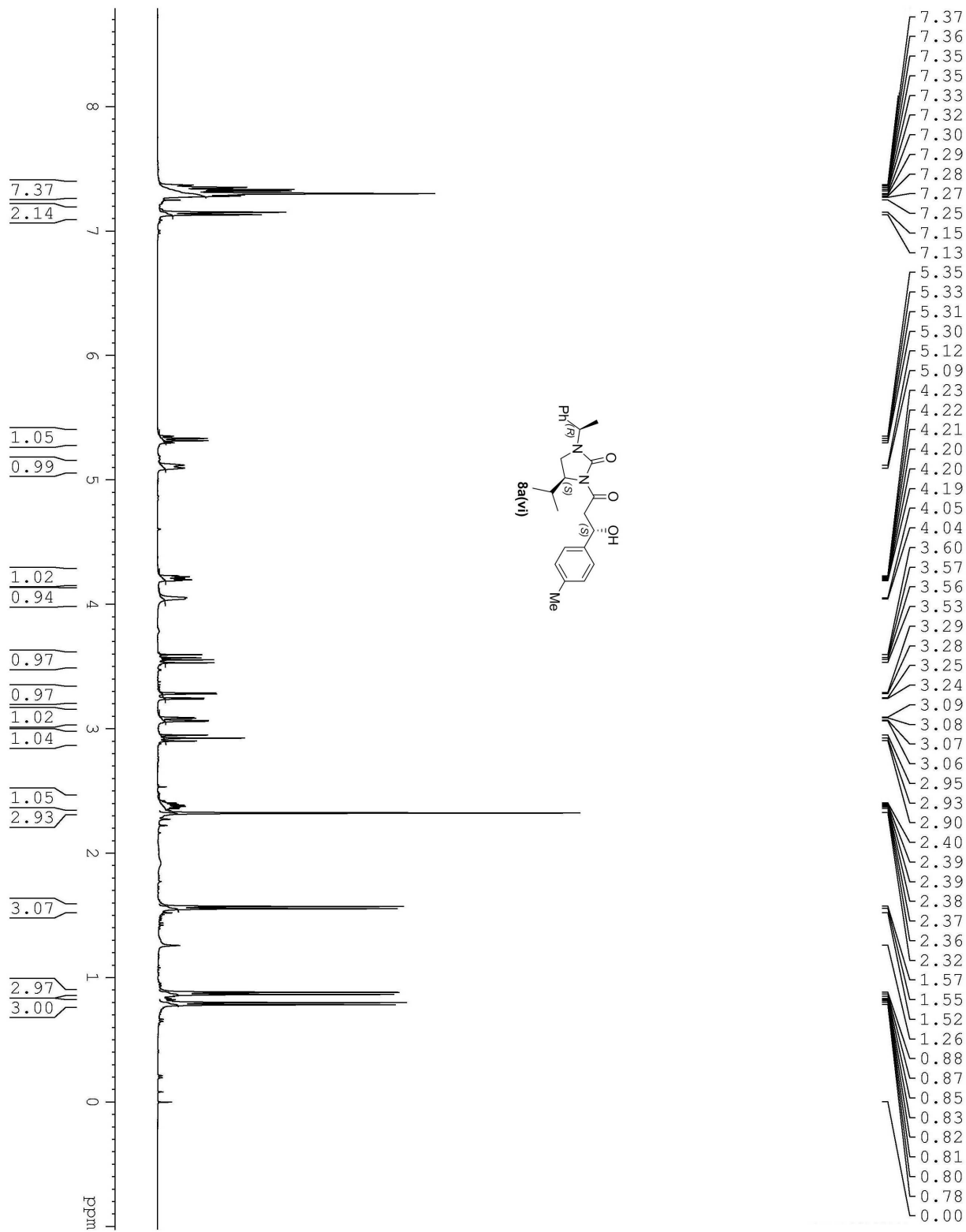


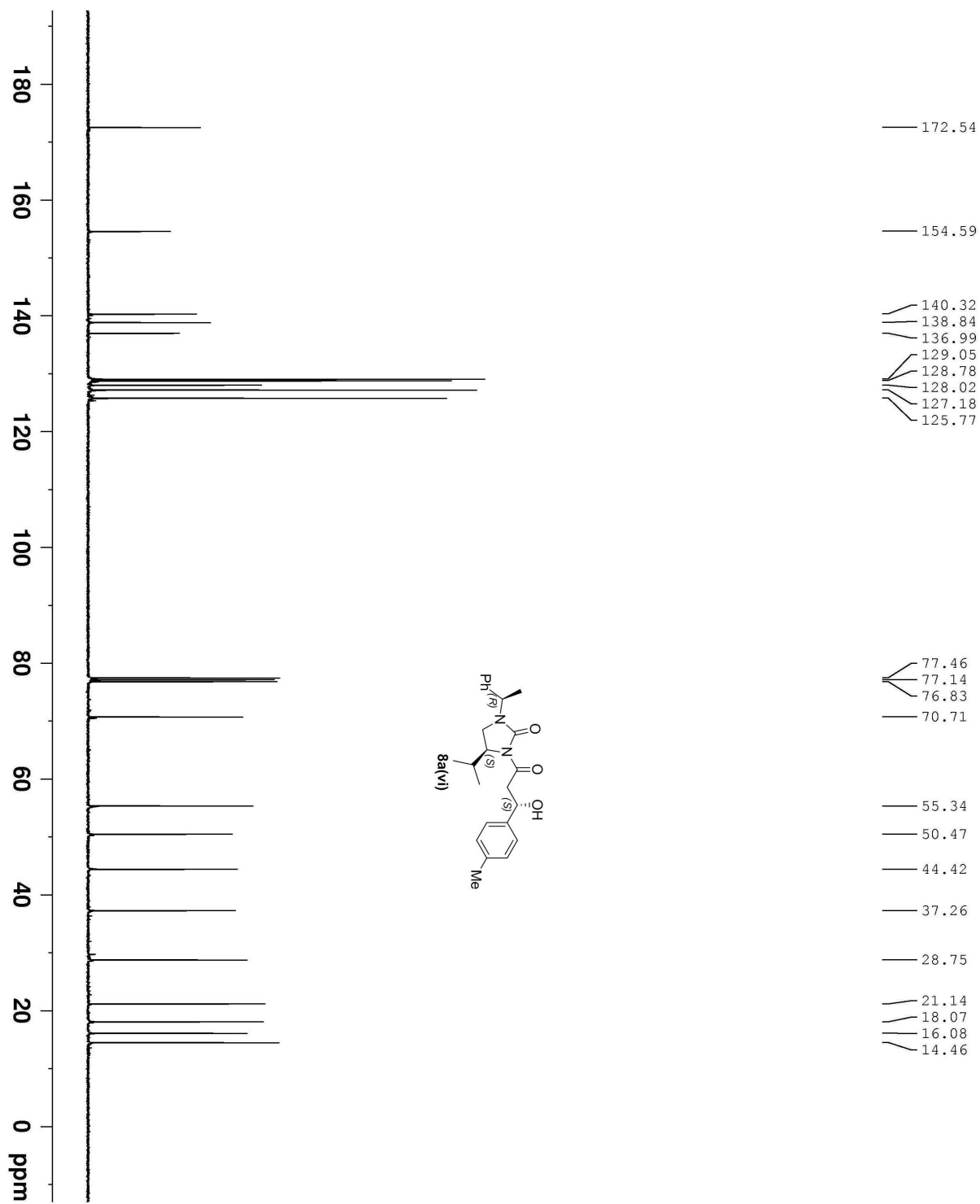


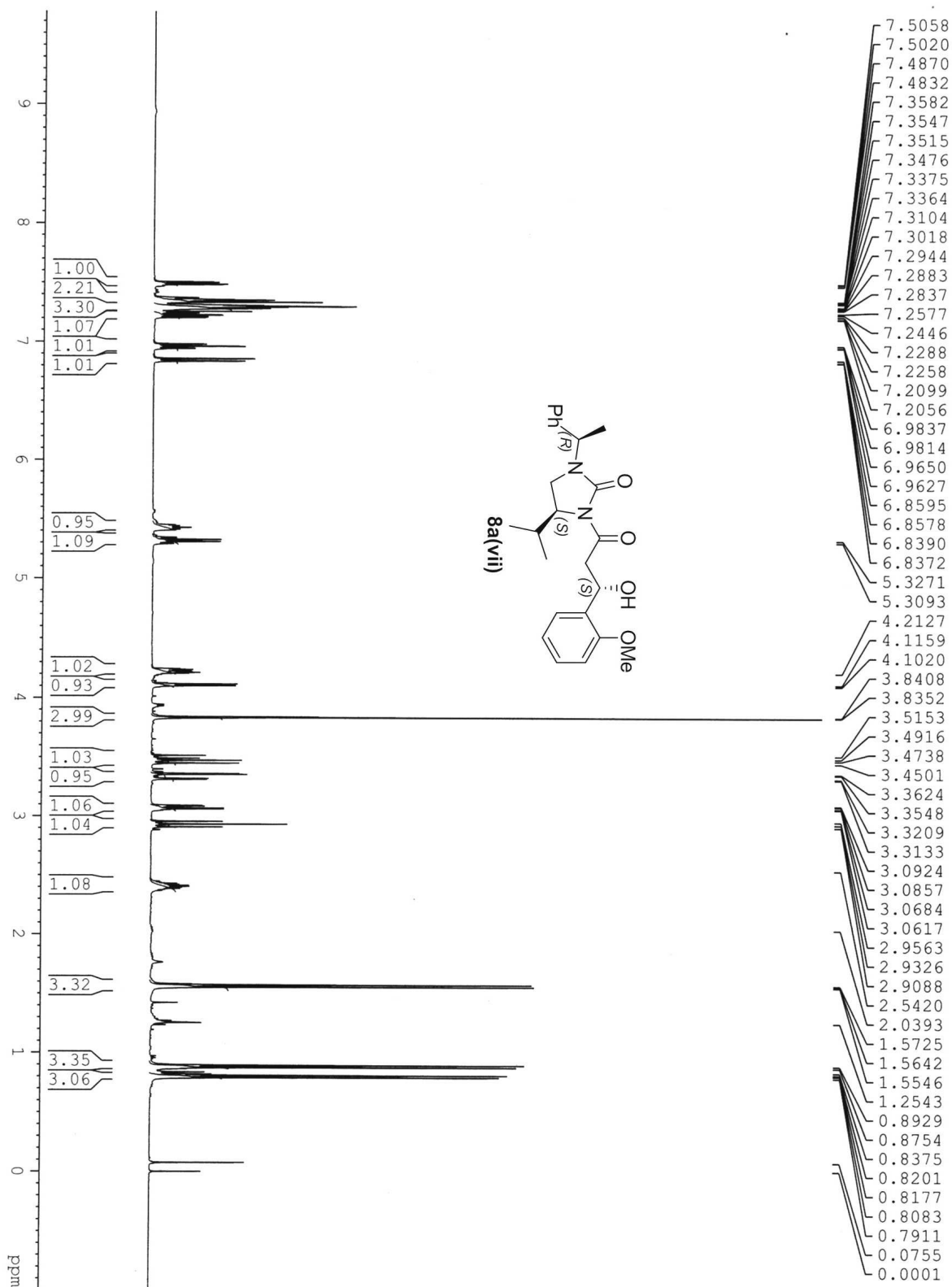




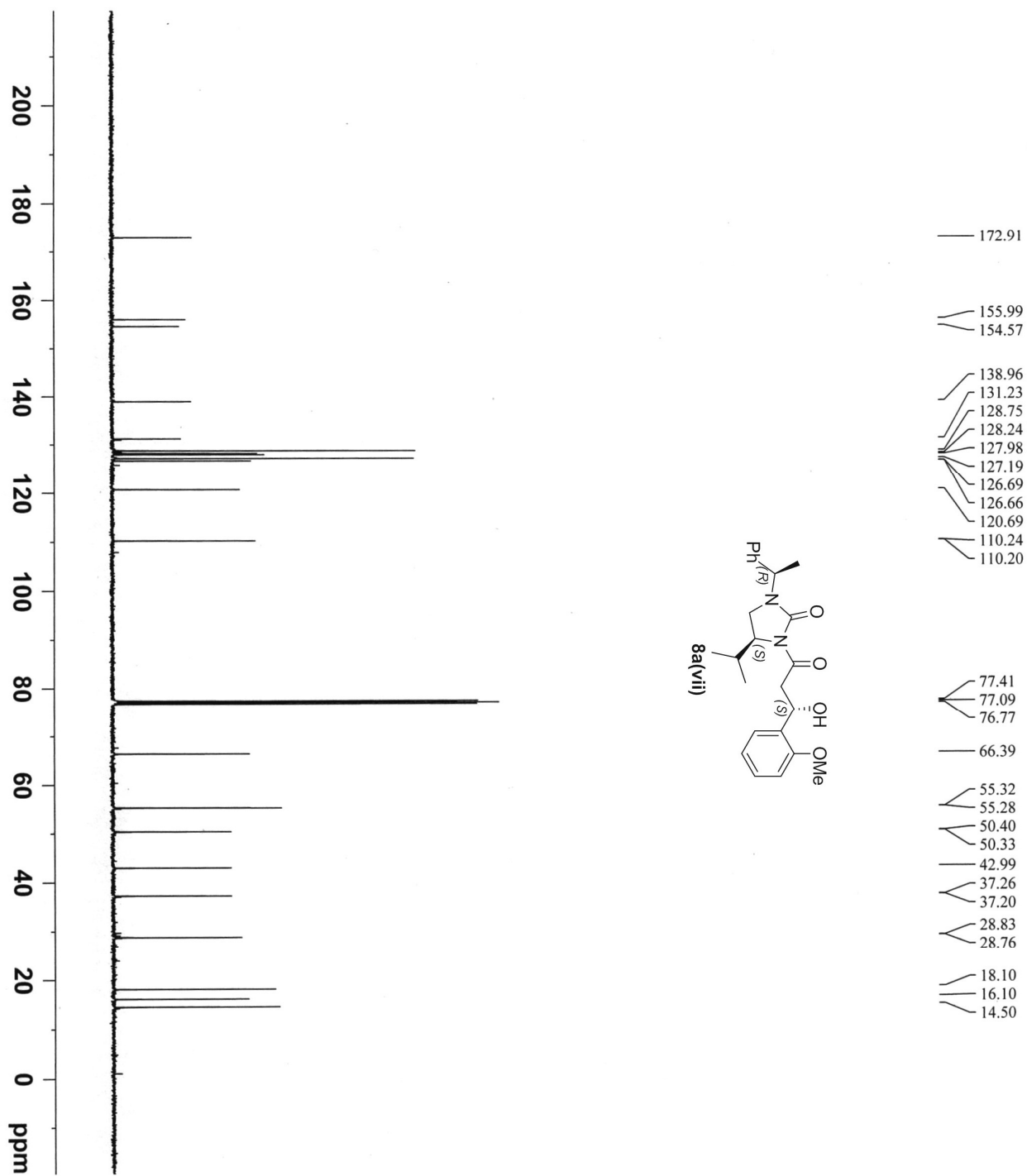


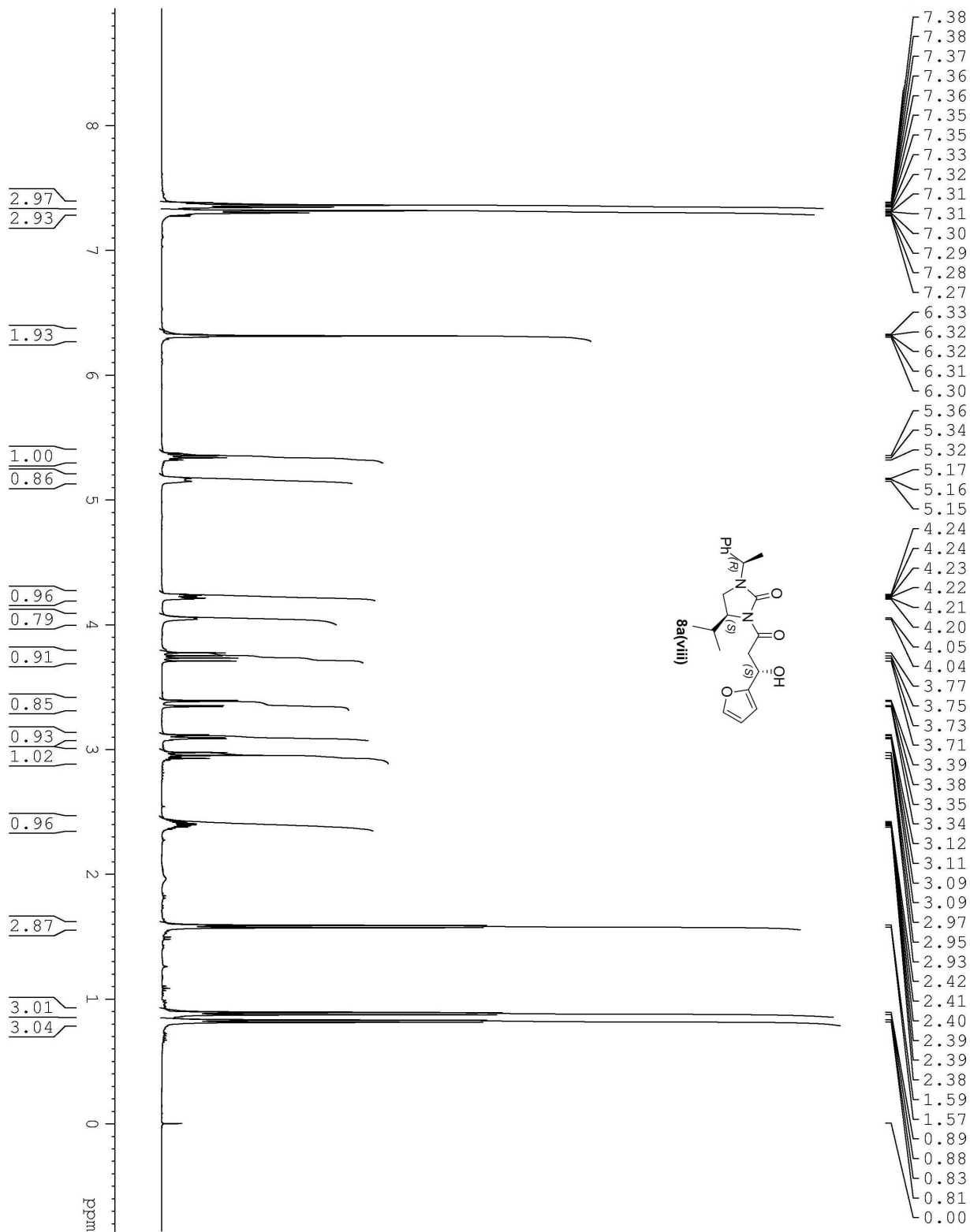


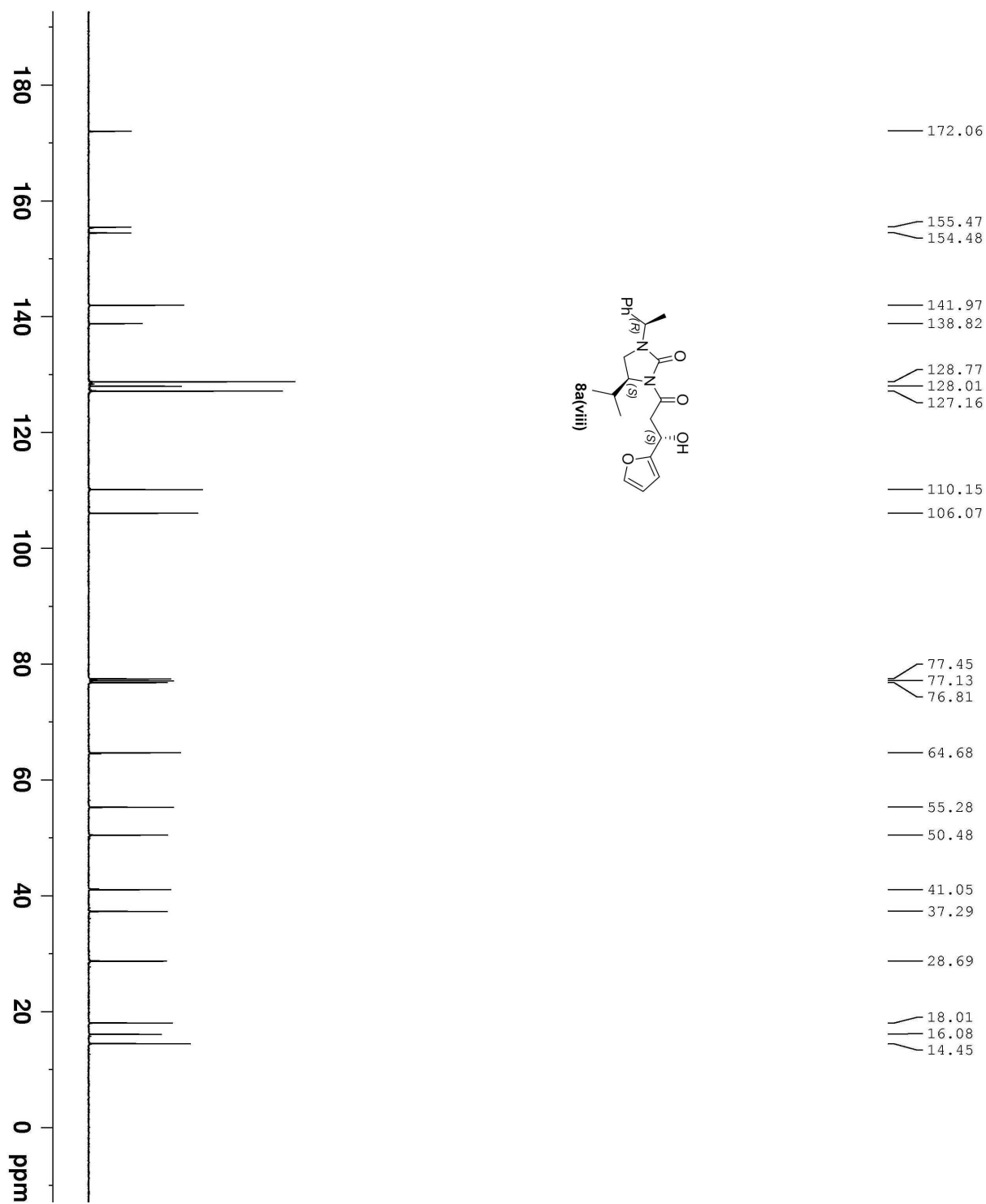


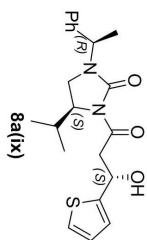
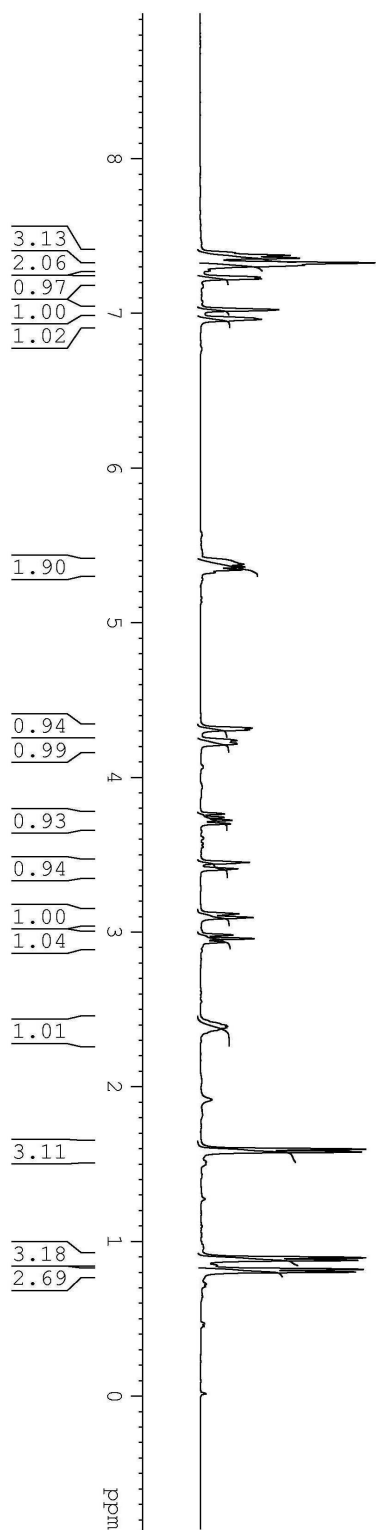












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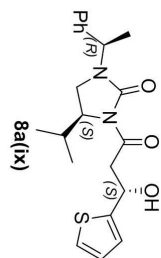
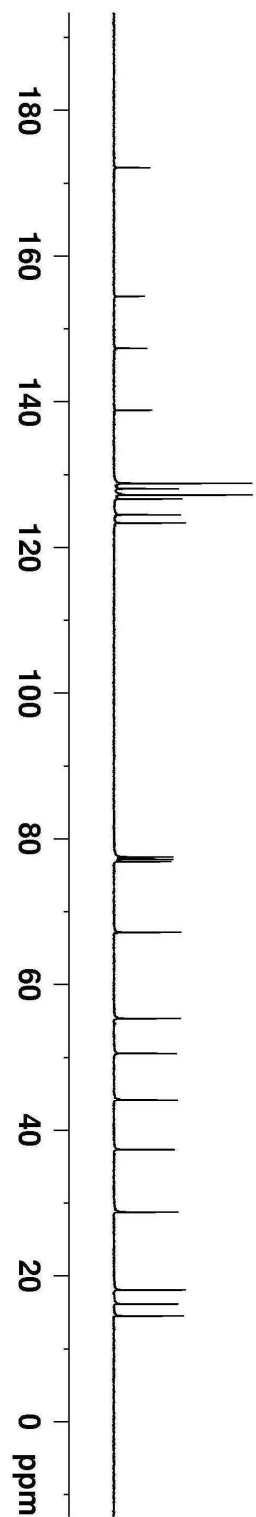
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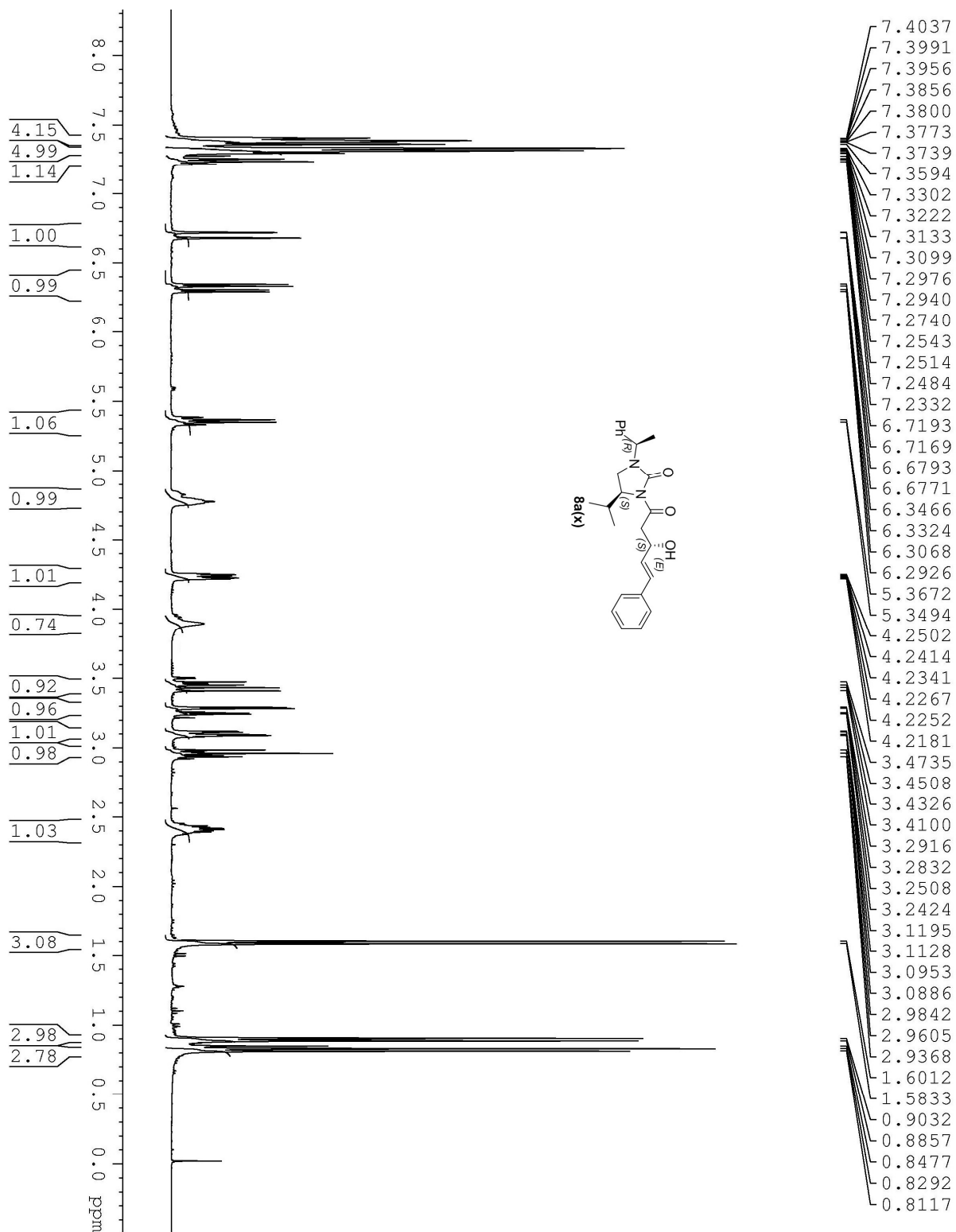
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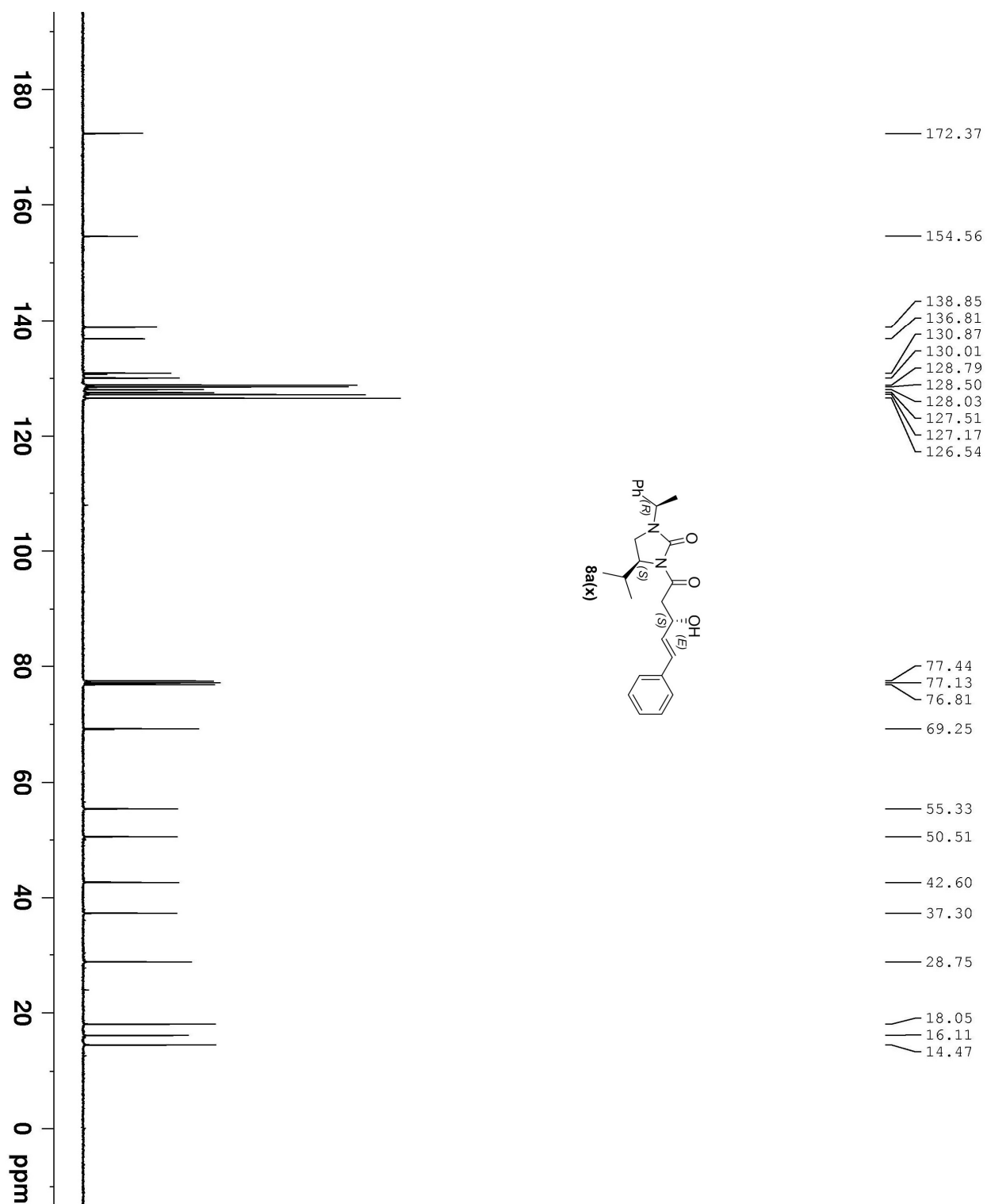
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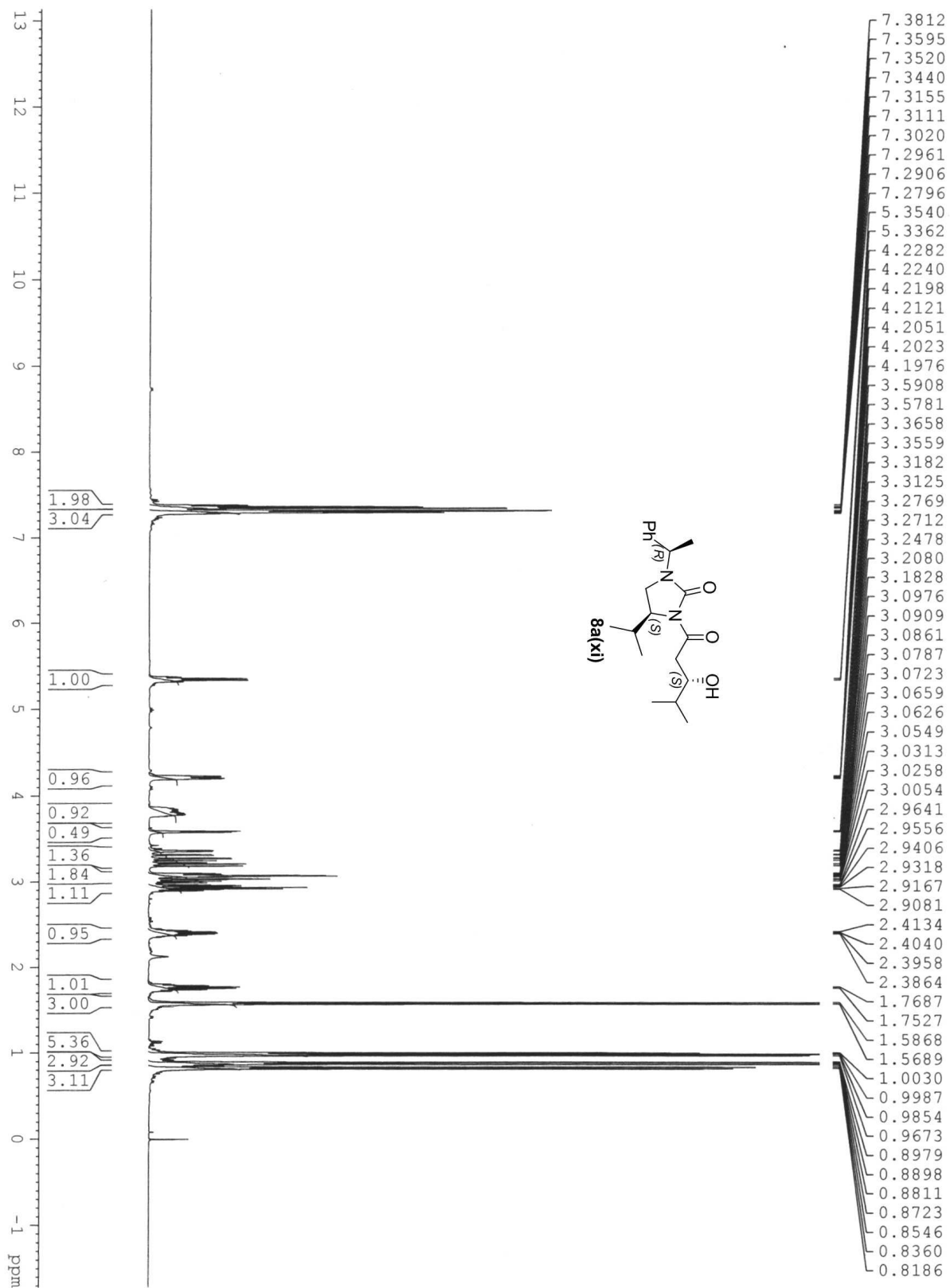
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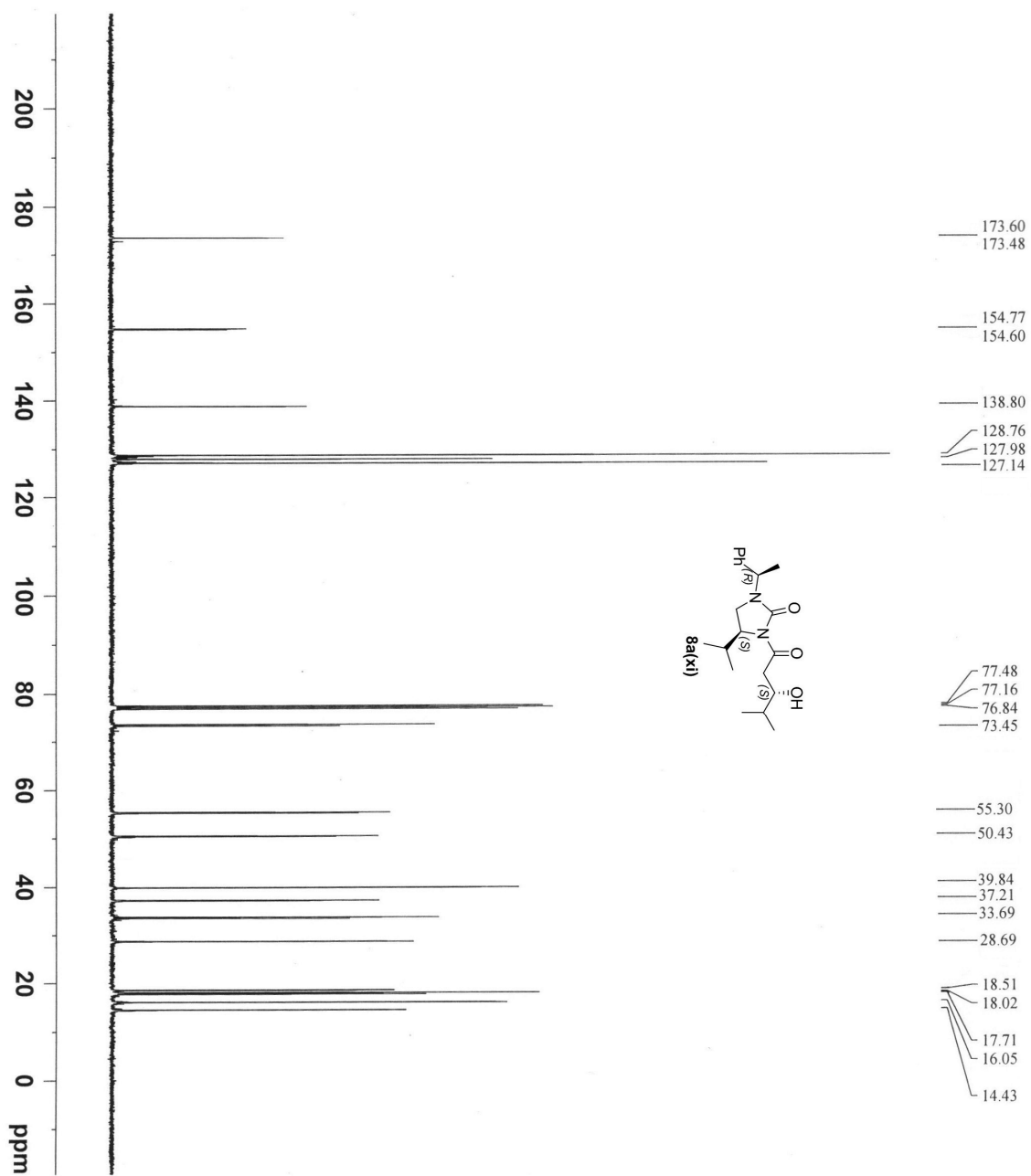
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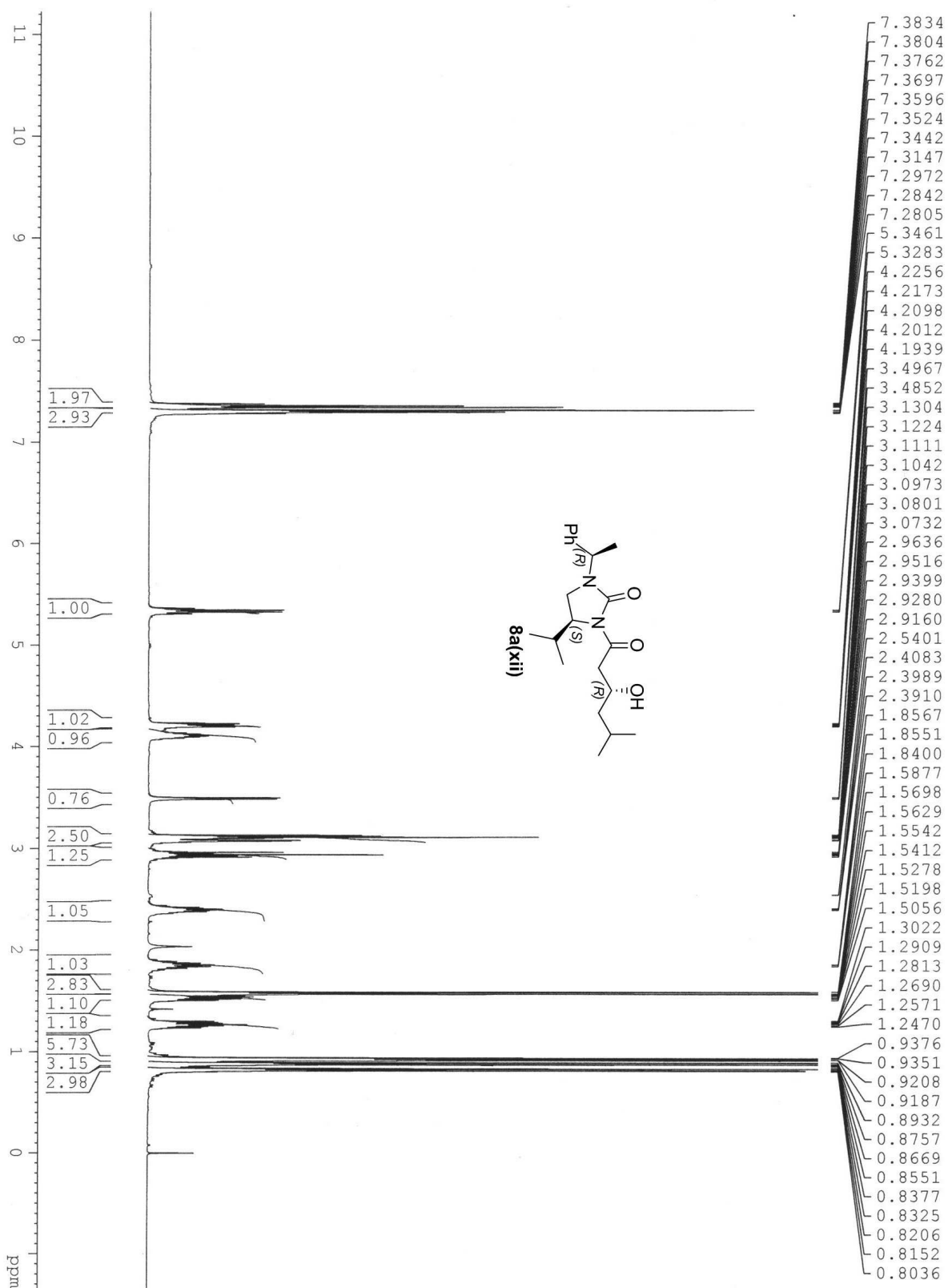


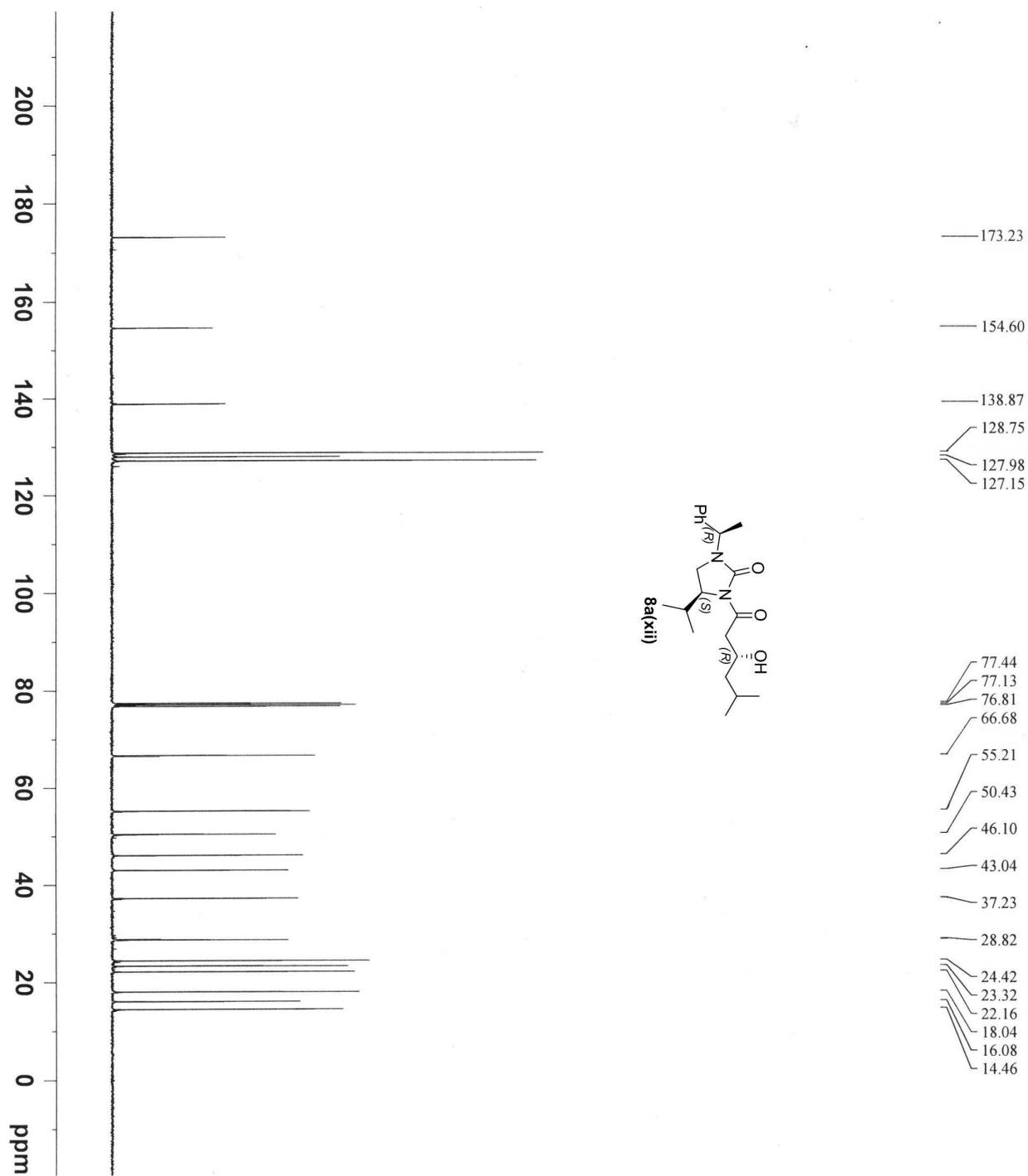


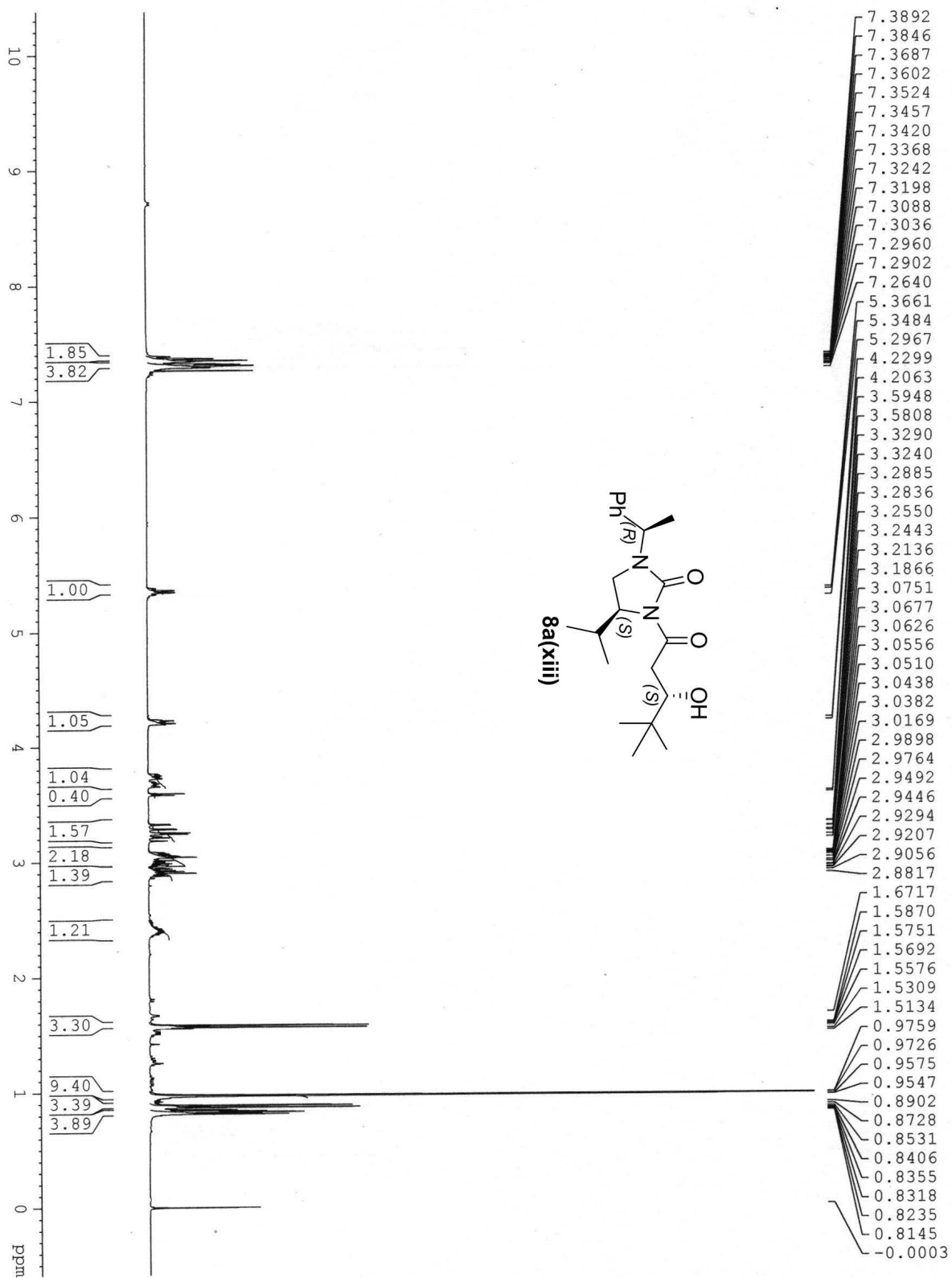


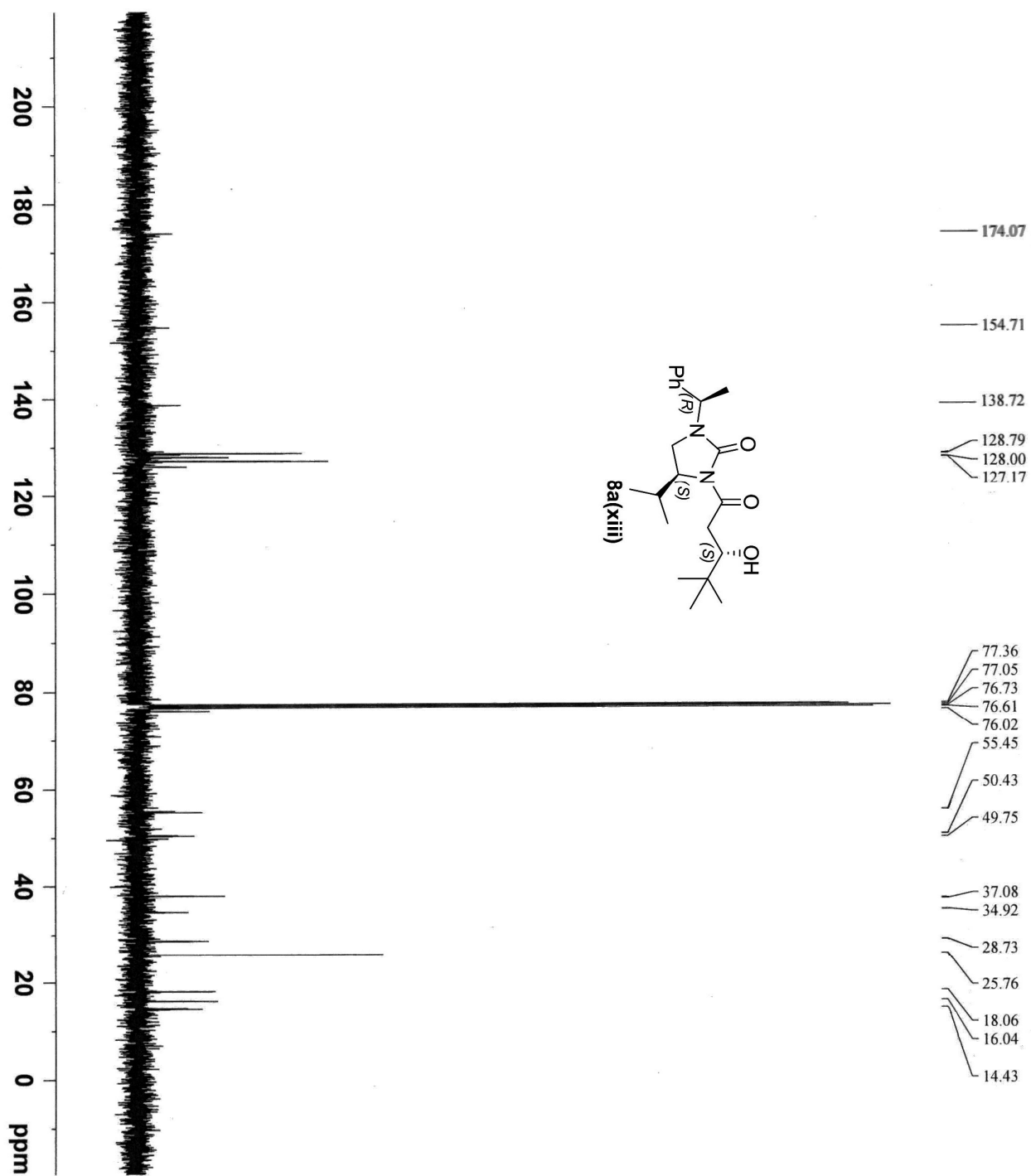


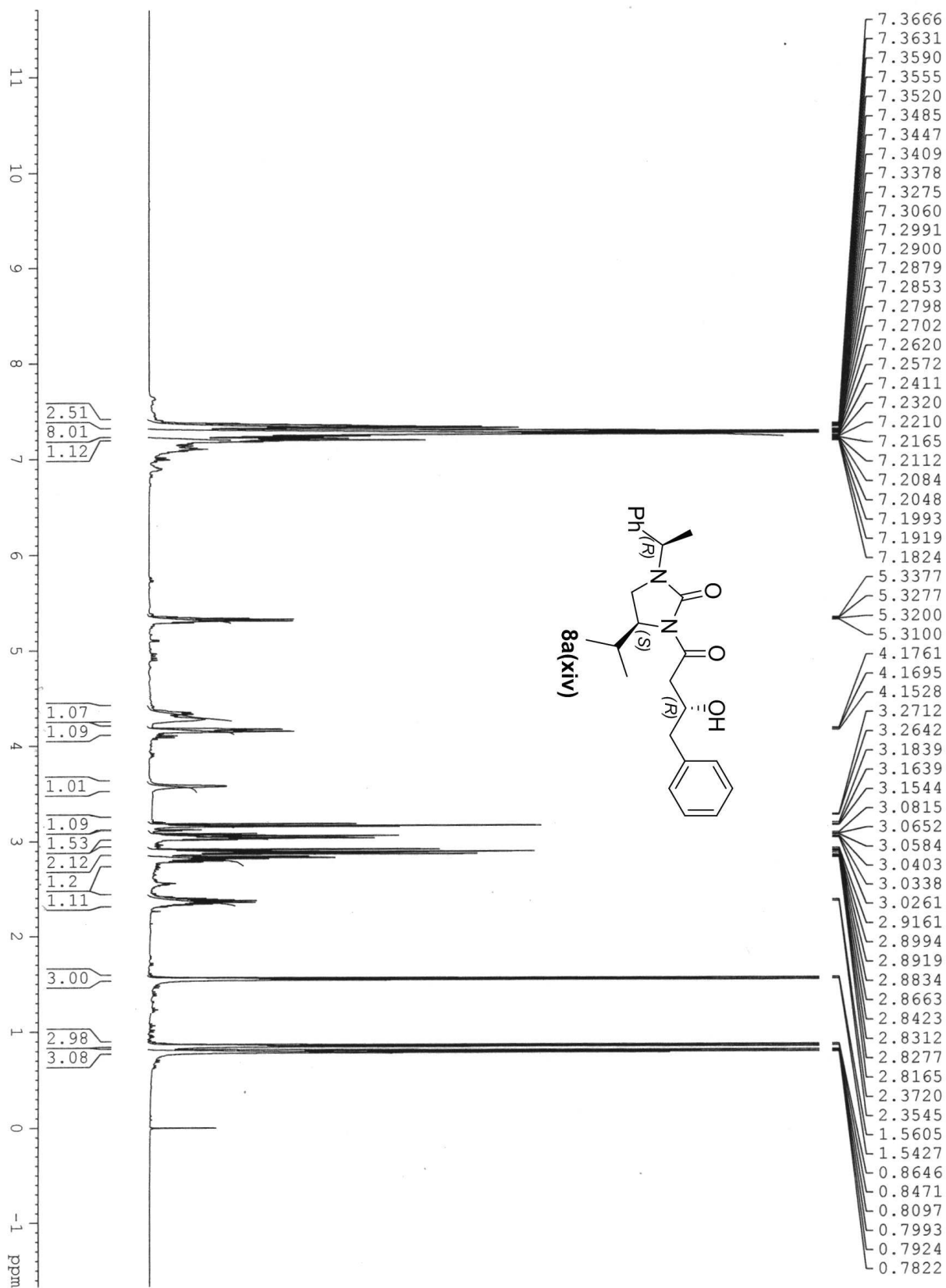


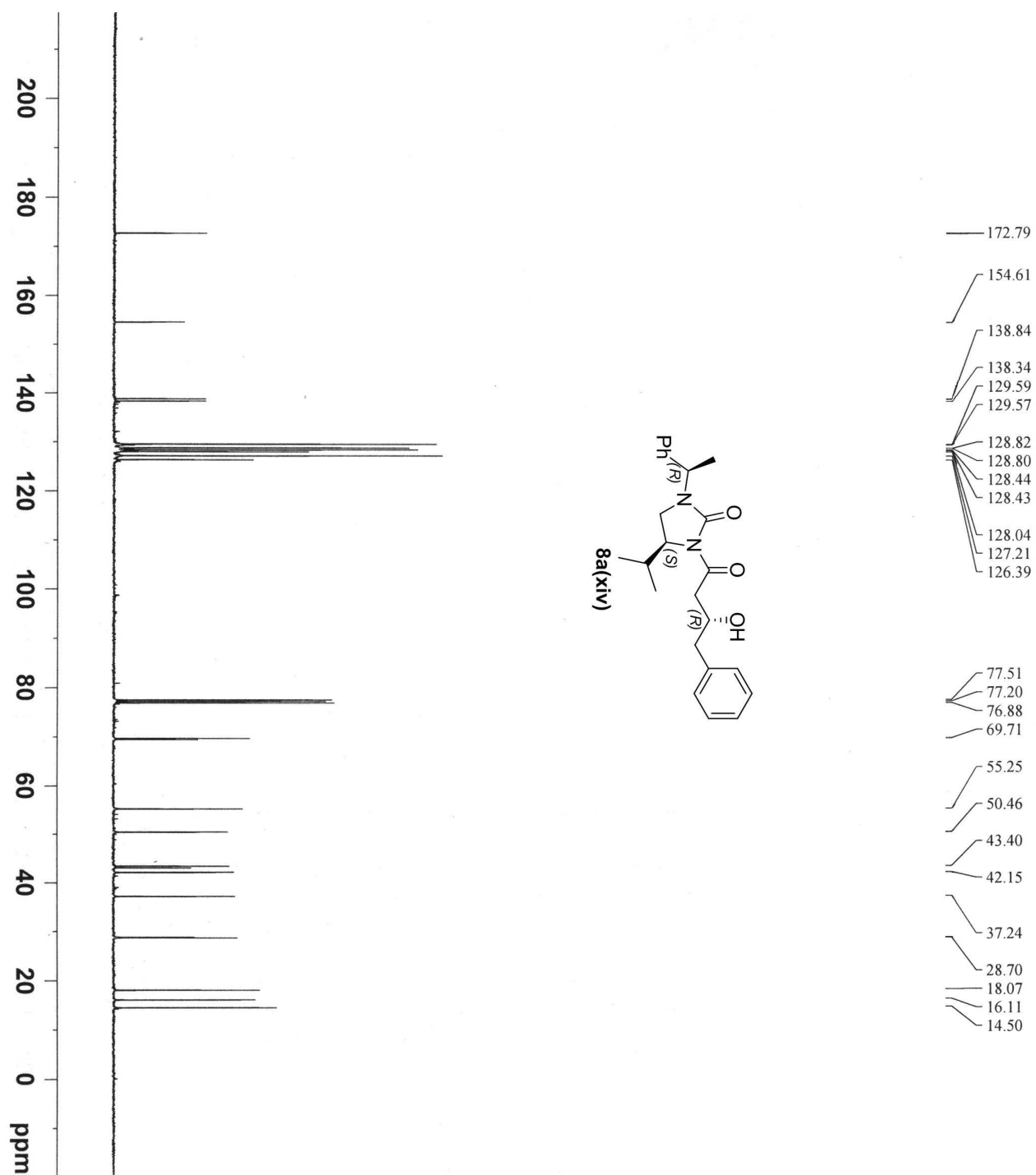


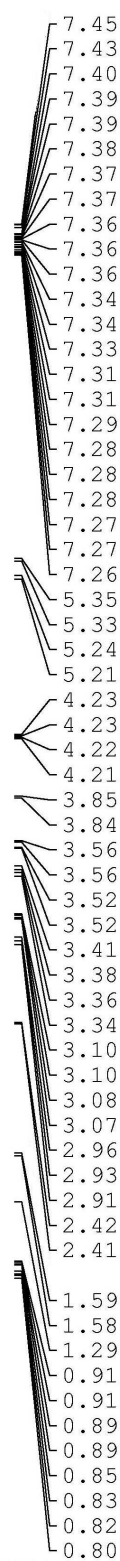
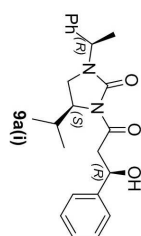
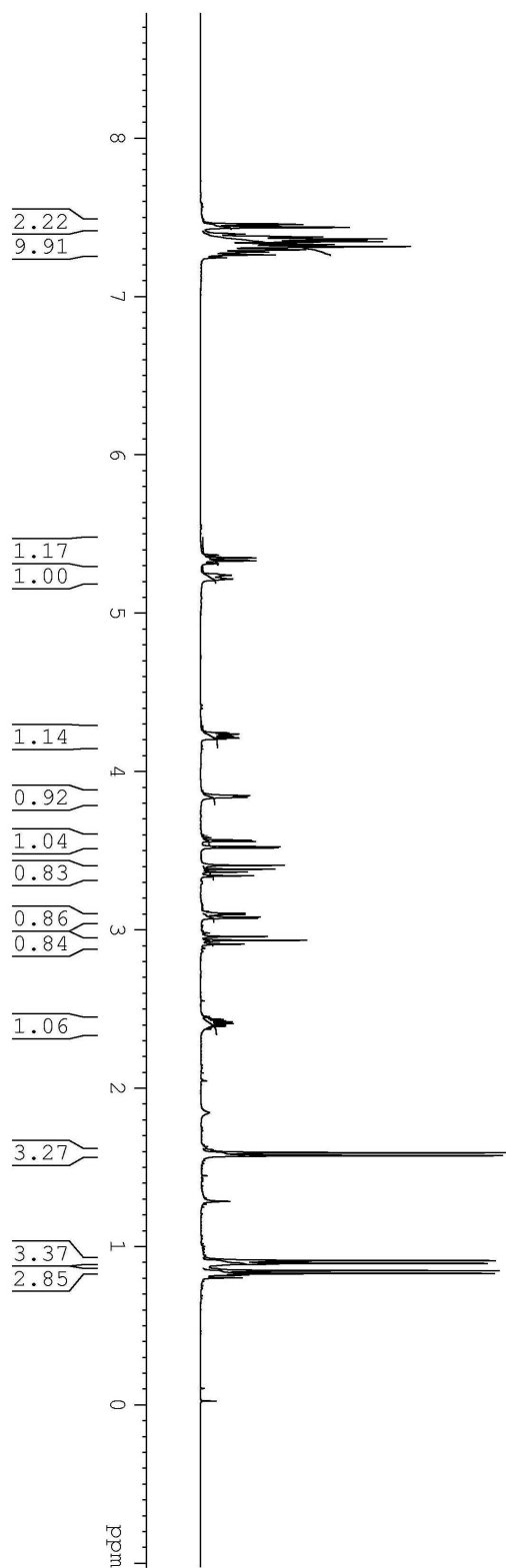




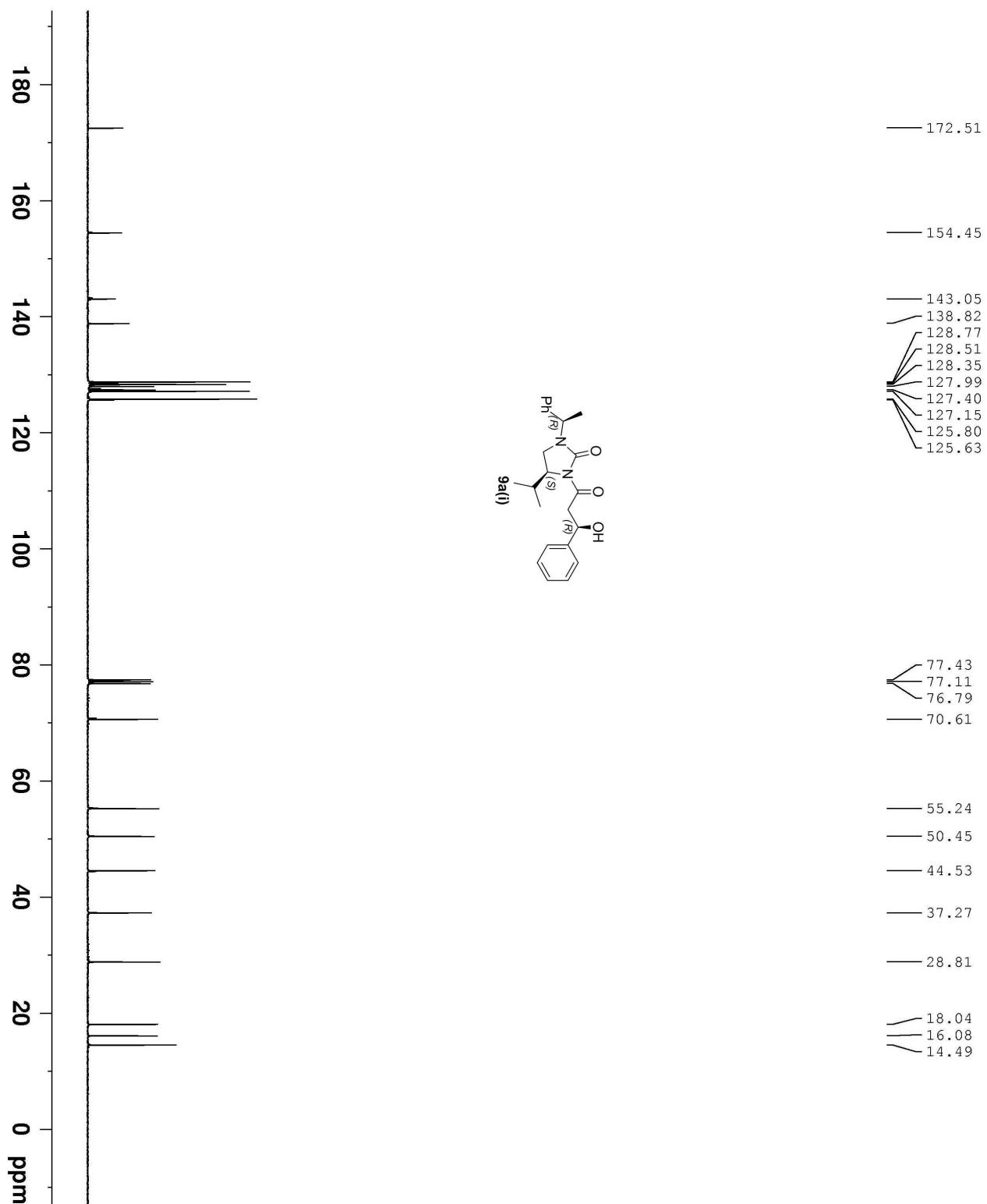


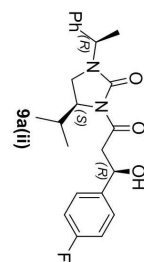
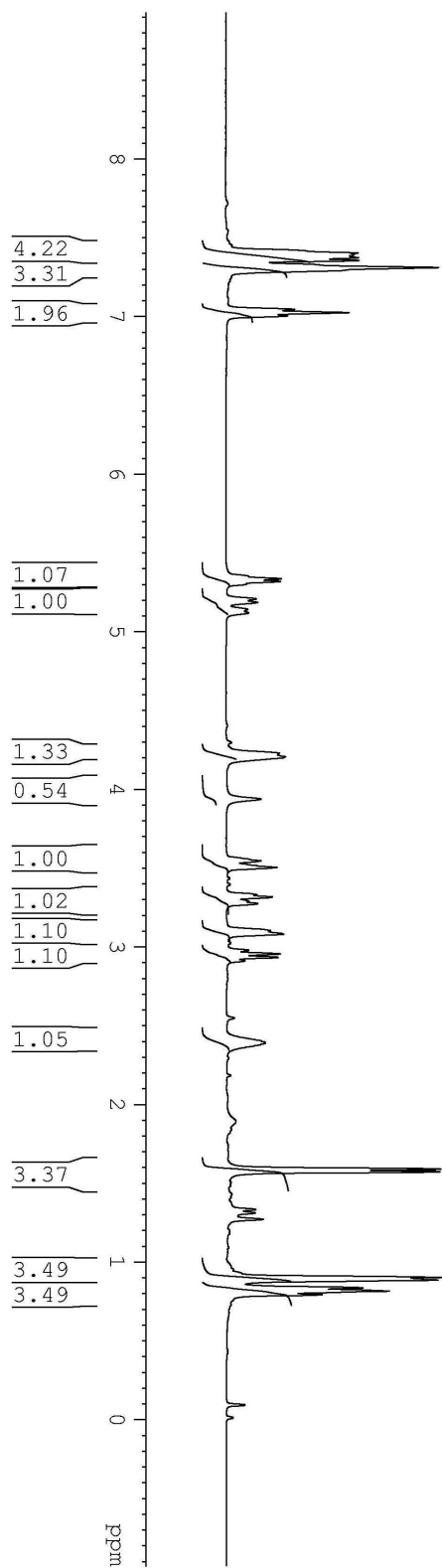


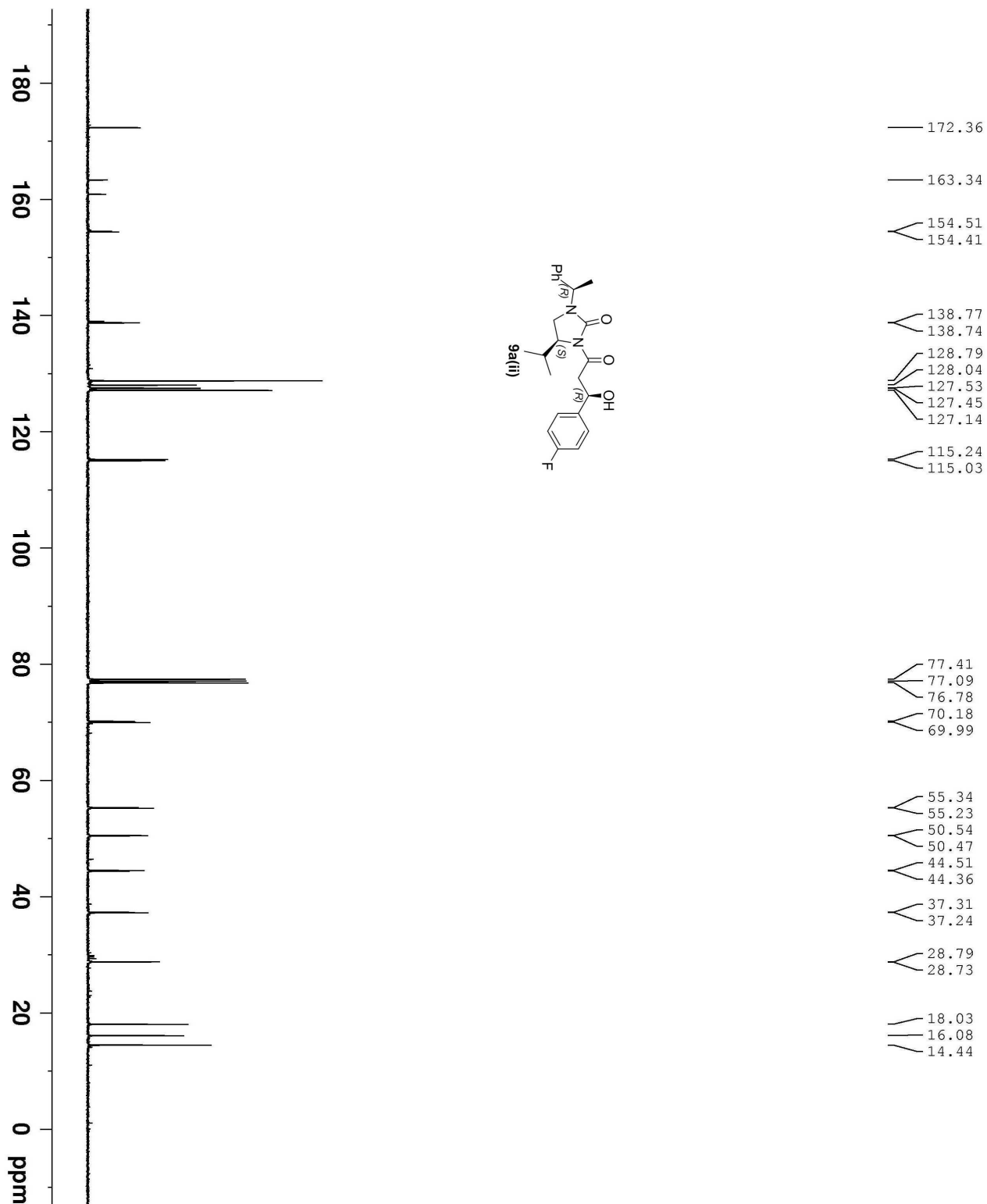


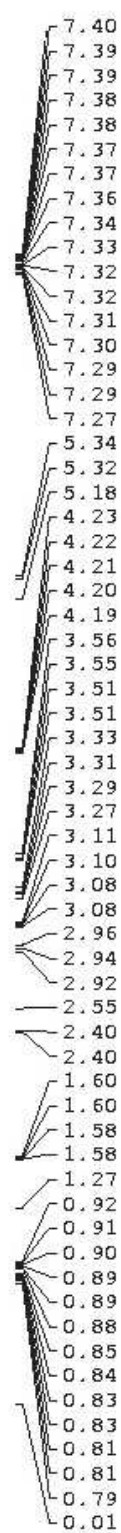
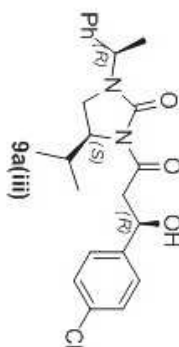
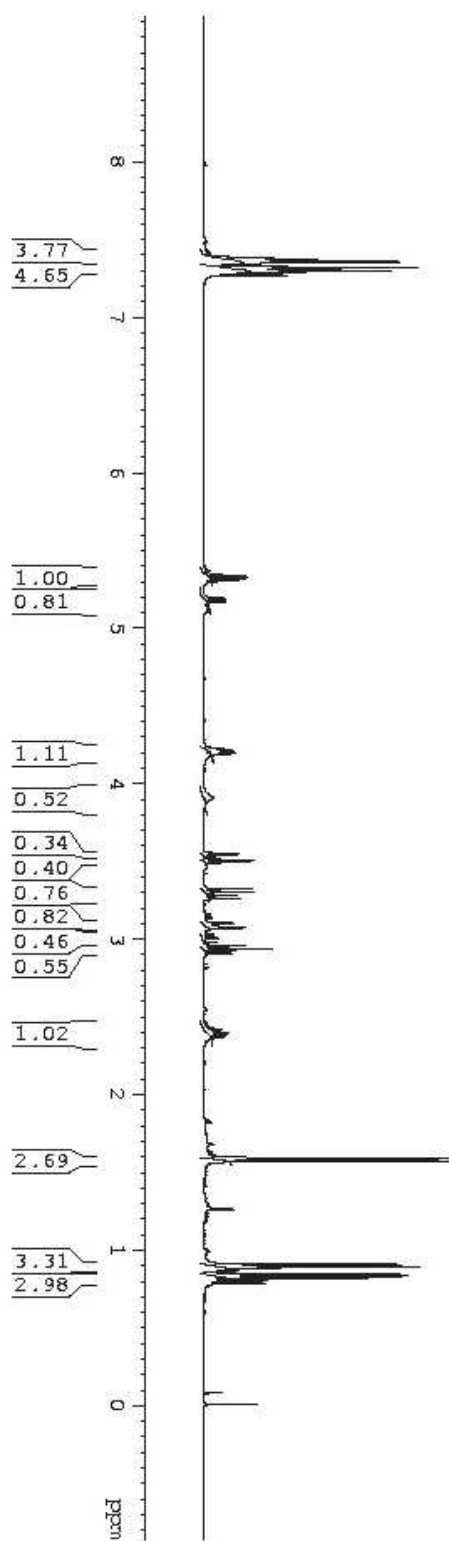


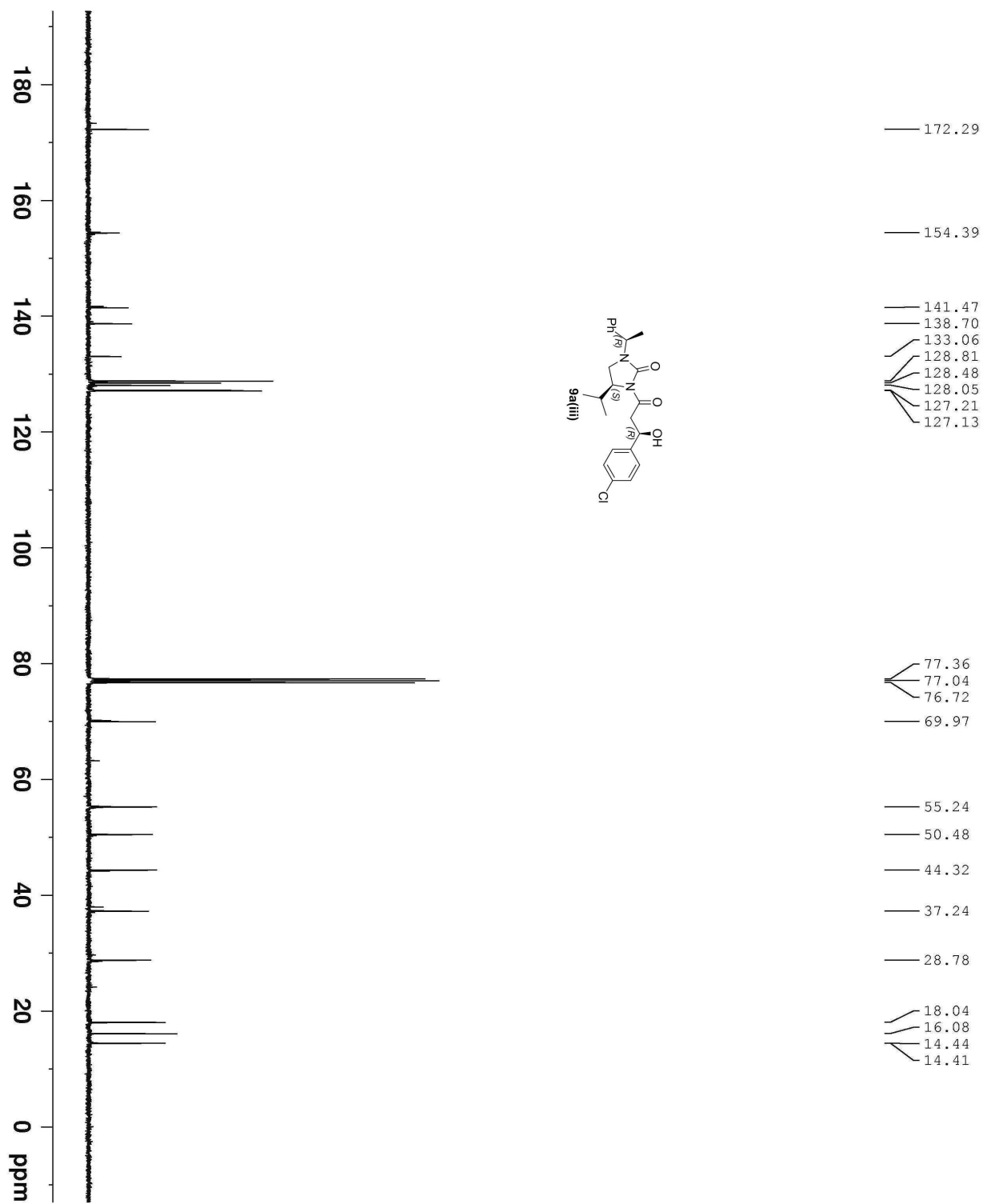


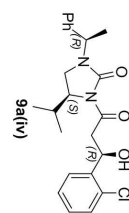
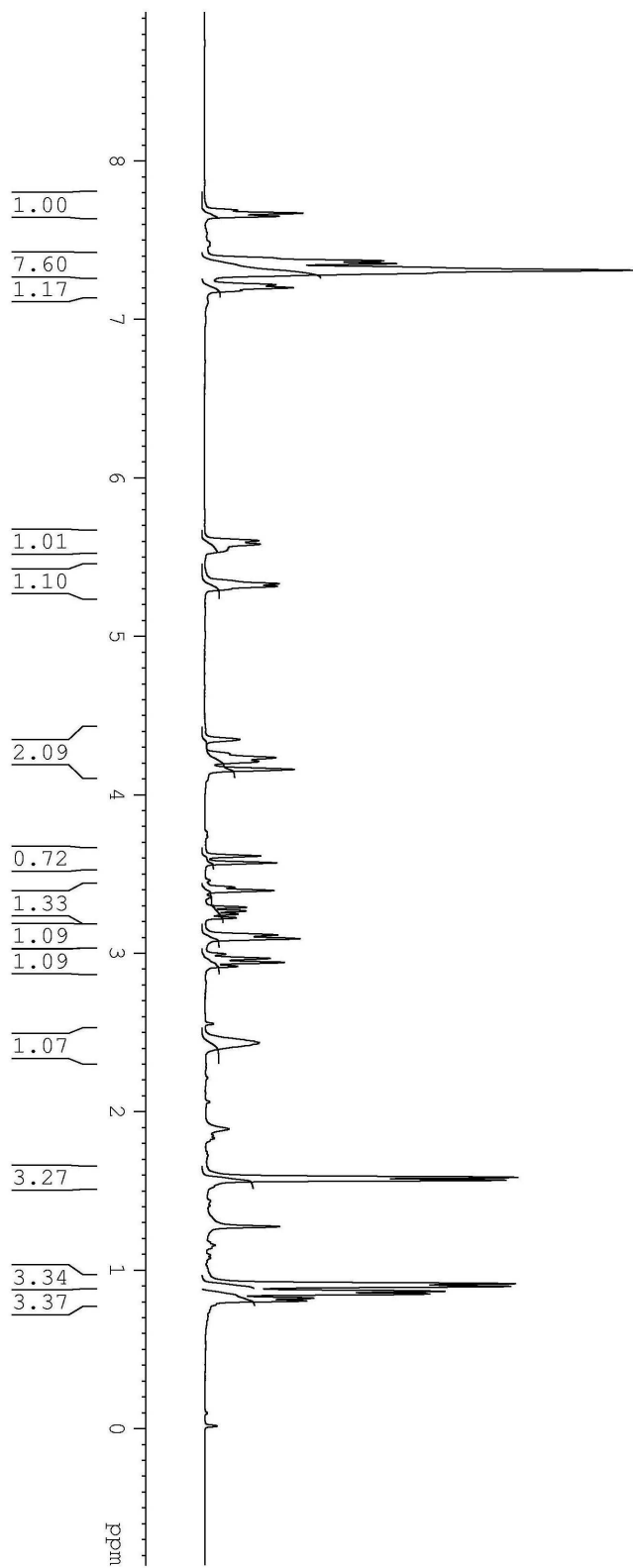






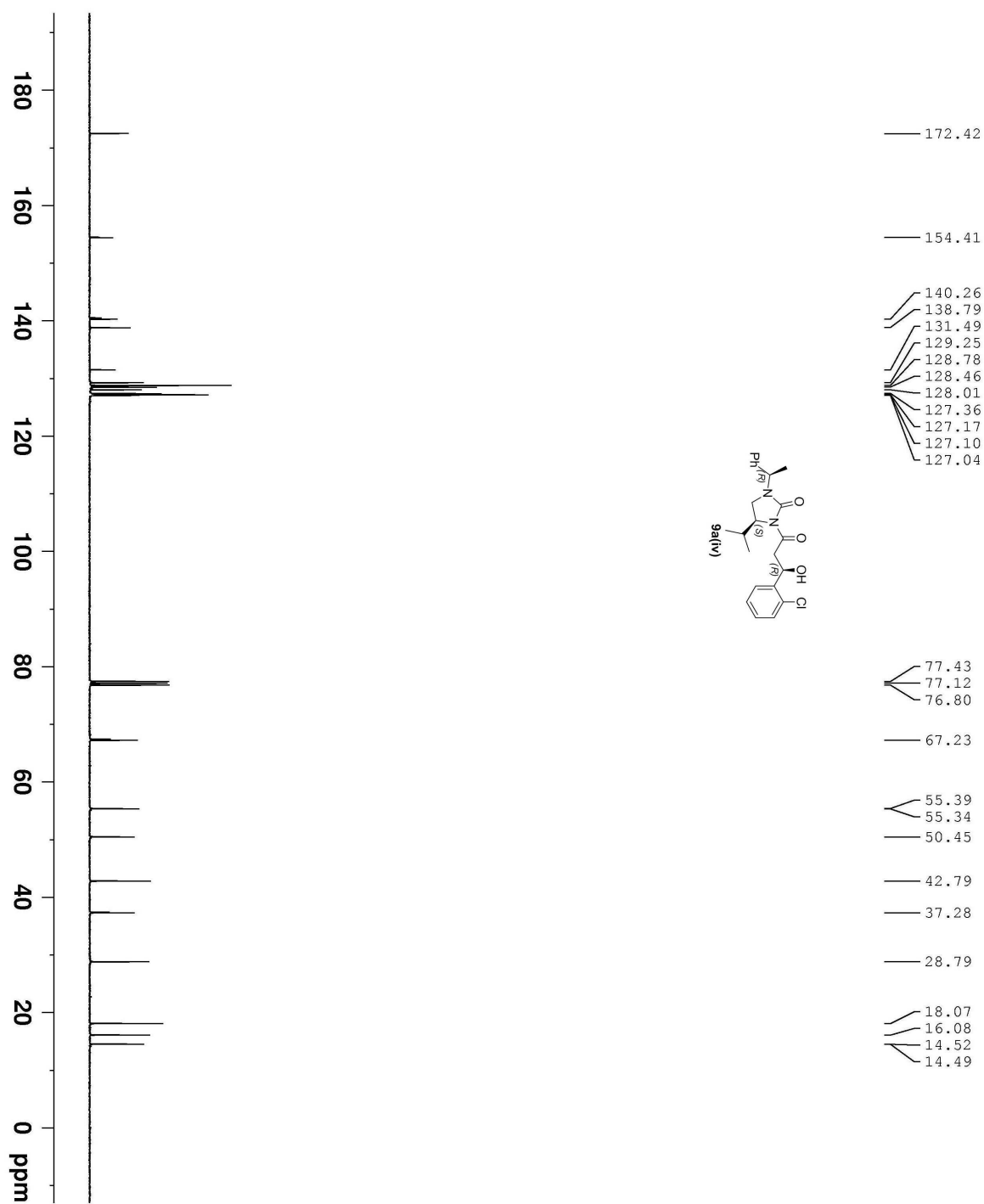


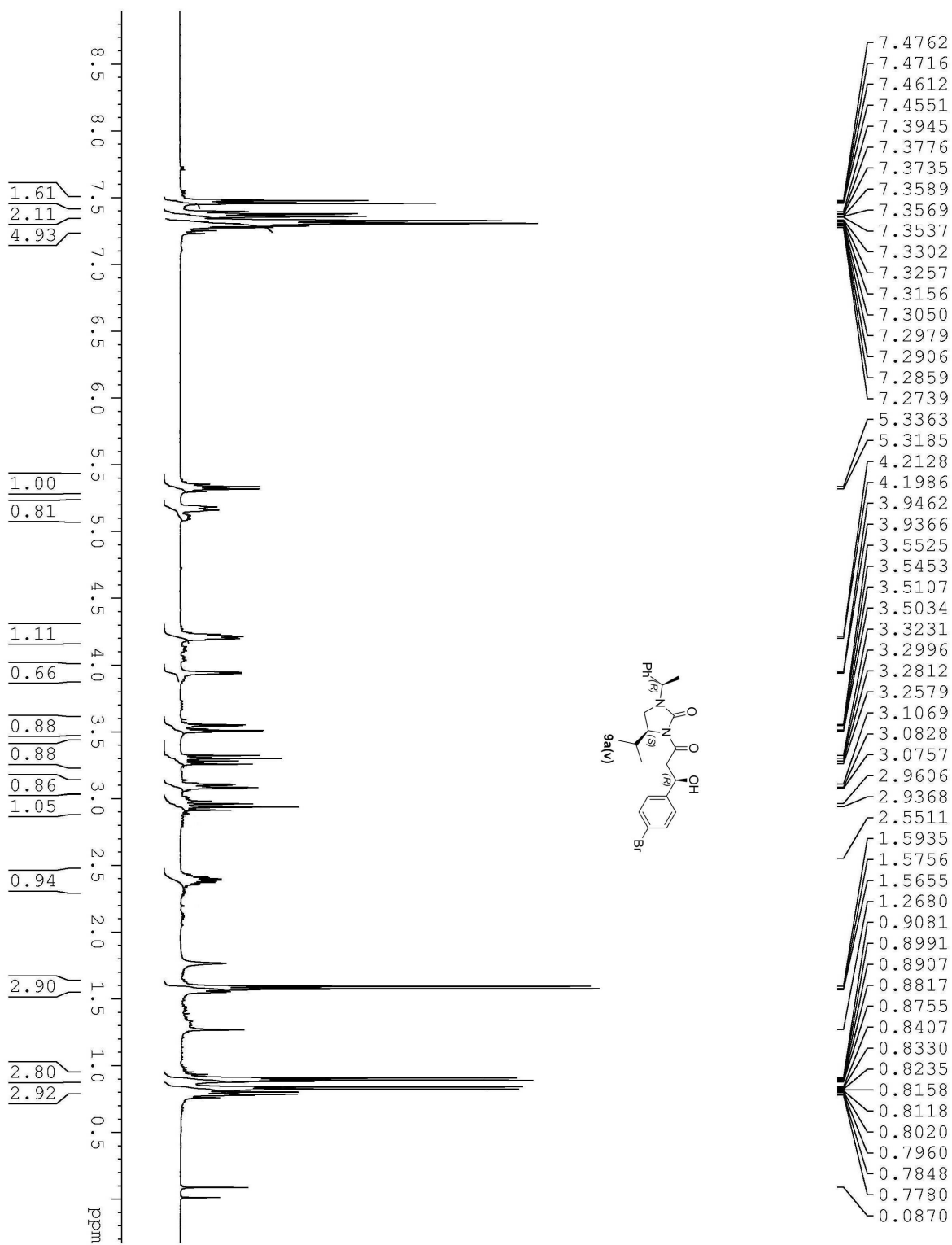




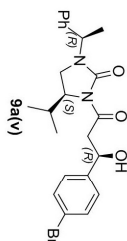
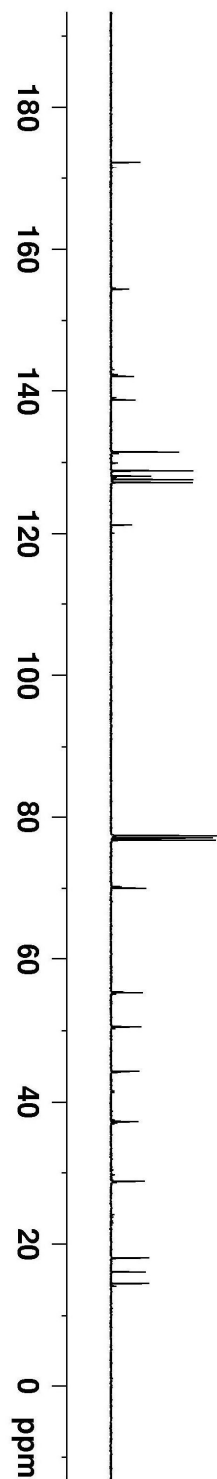
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0.85  
0.82  
0.81  
0.02









— 172.23

— 154.39

— 142.04

— 138.71

— 131.44

— 131.42

— 128.81

— 128.72

— 128.05

— 127.57

— 127.13

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— 76.74

— 70.01

— 55.24

— 50.49

— 44.28

— 37.25

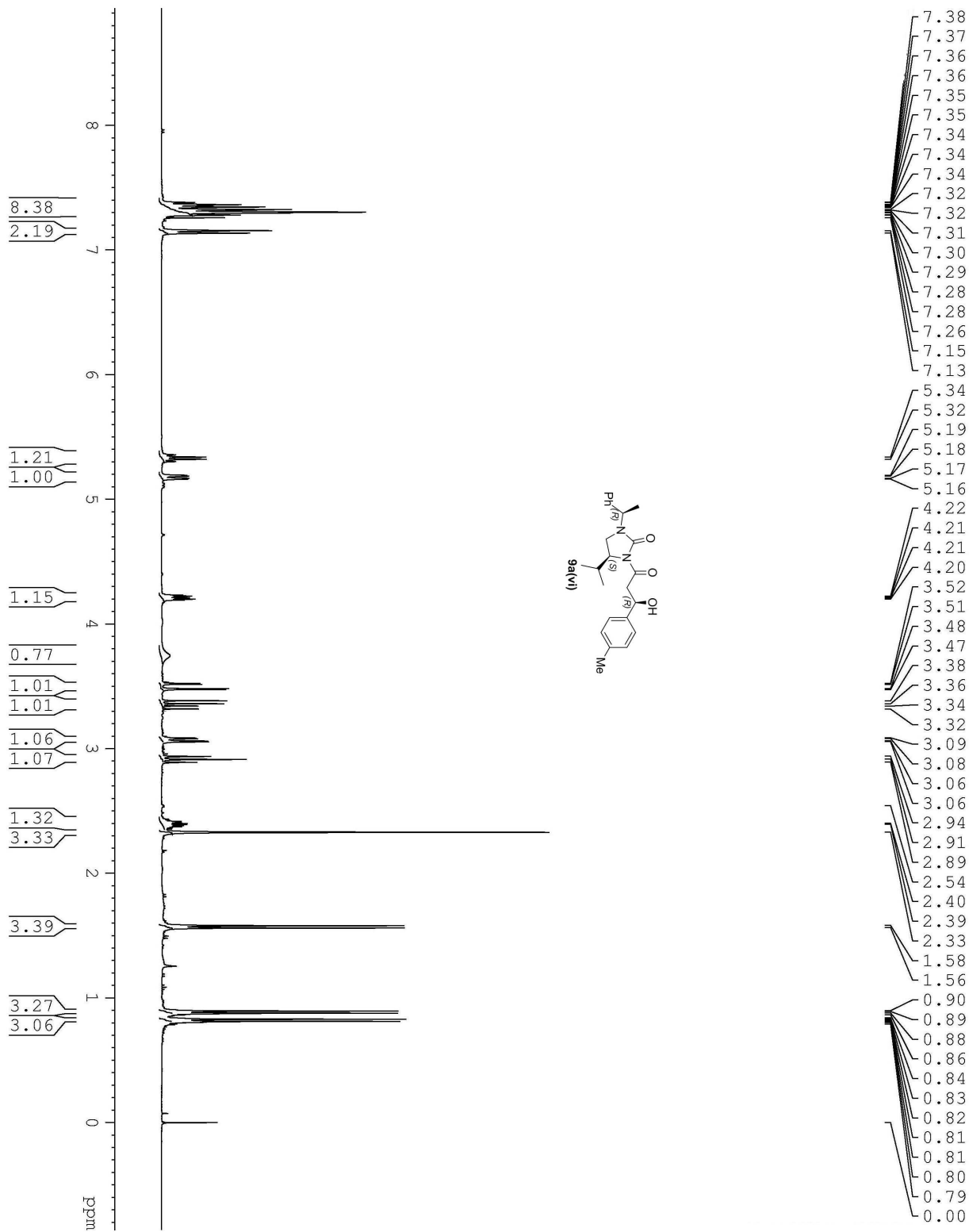
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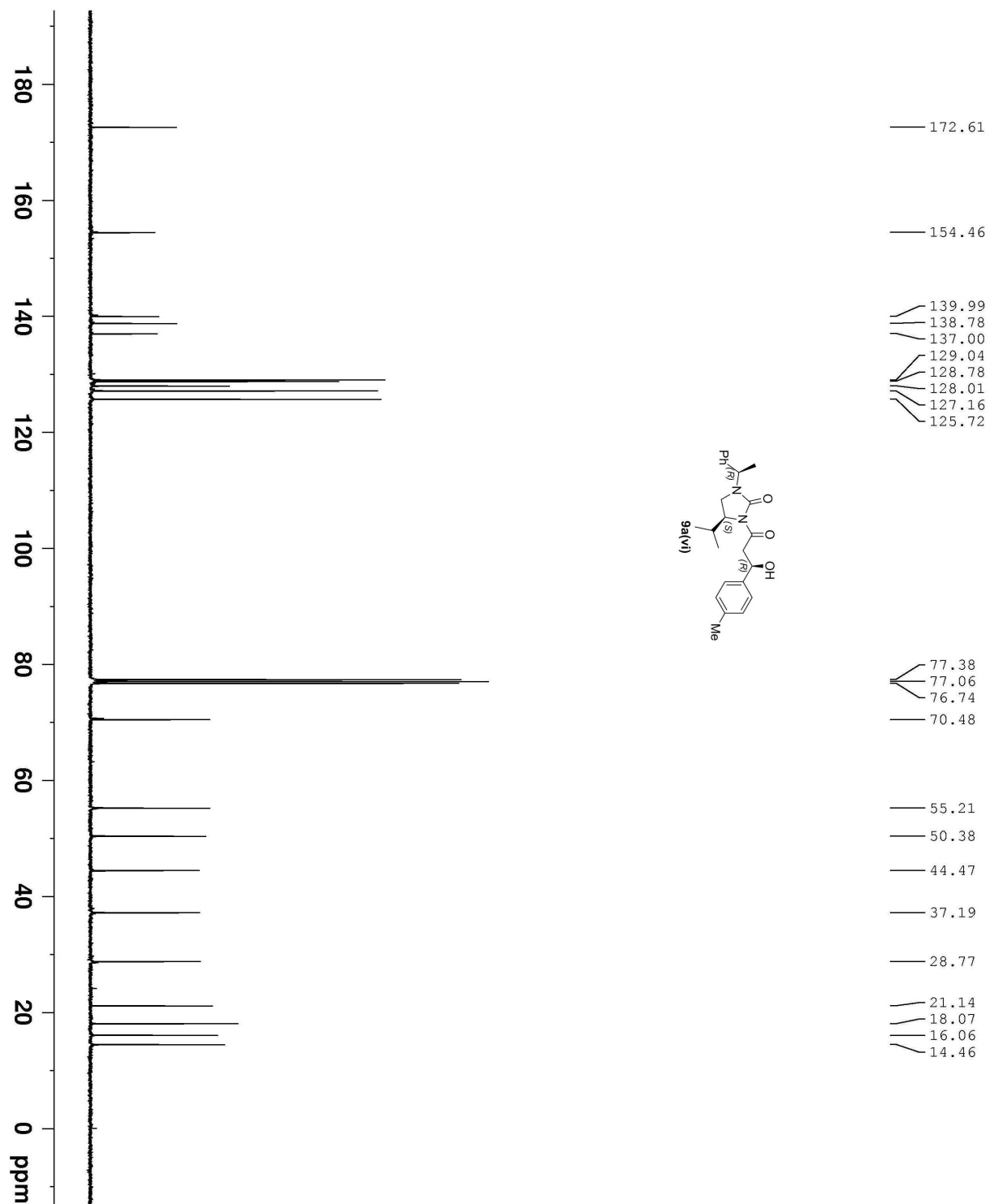
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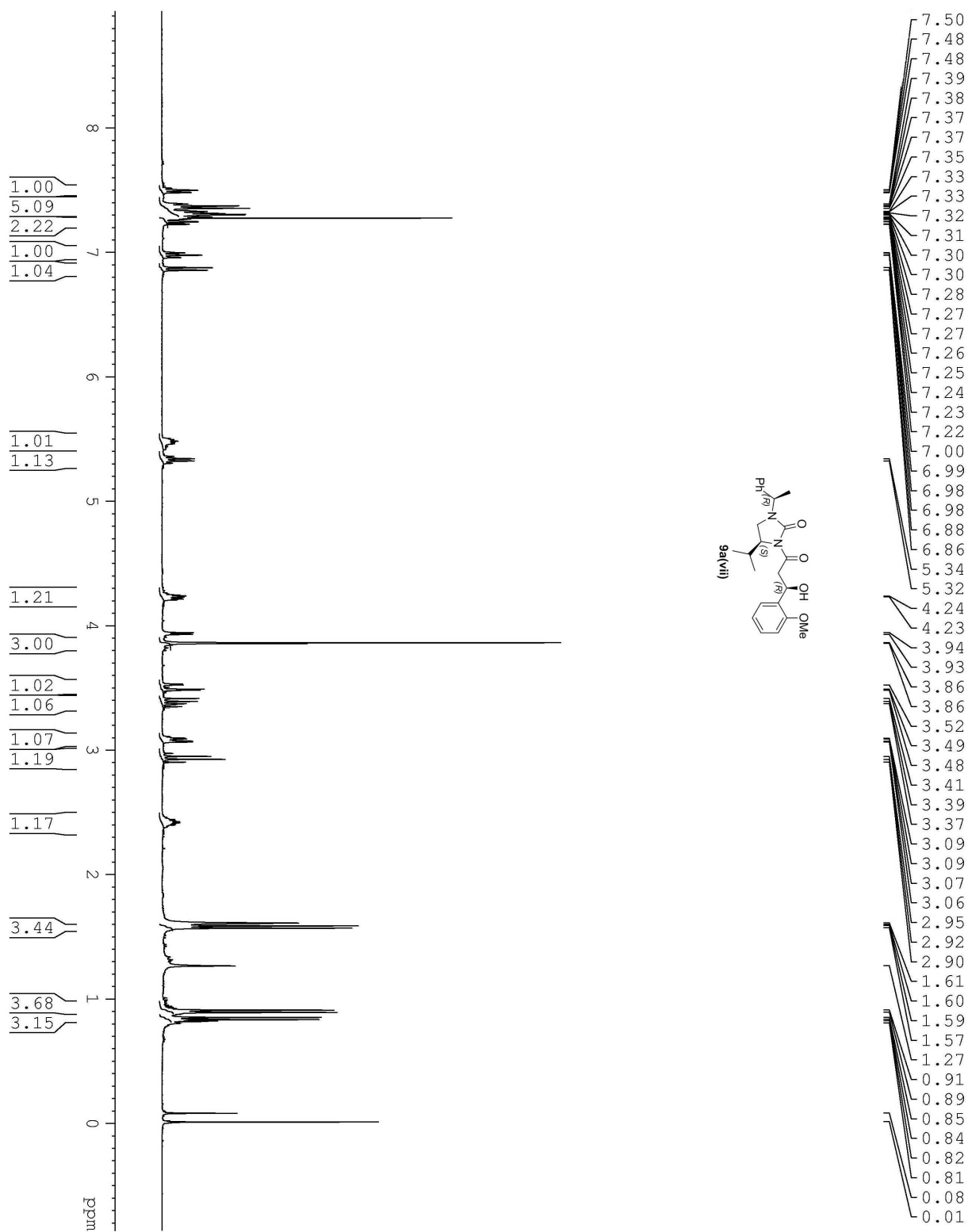
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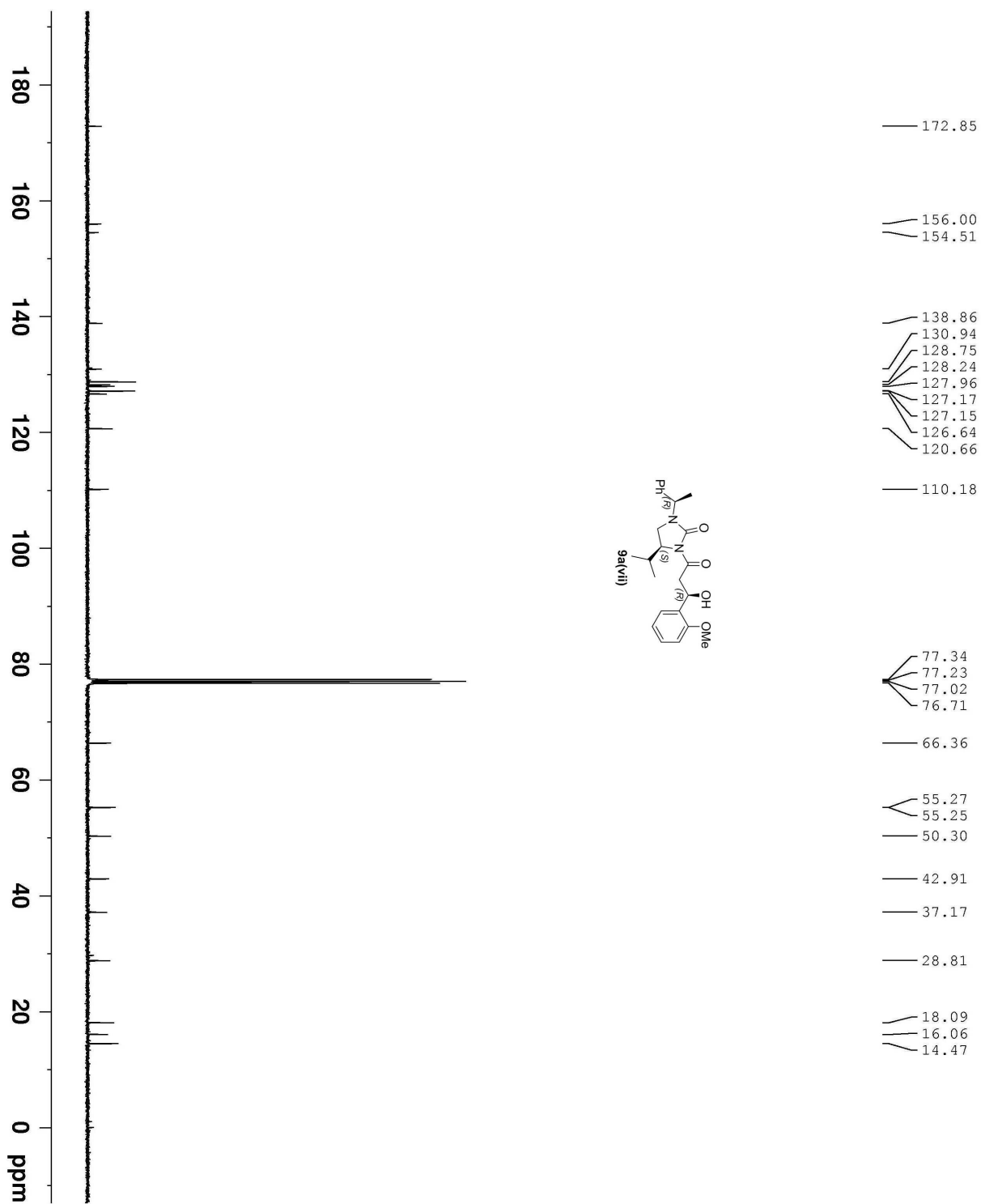
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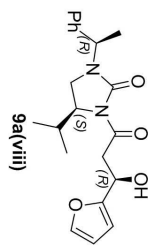
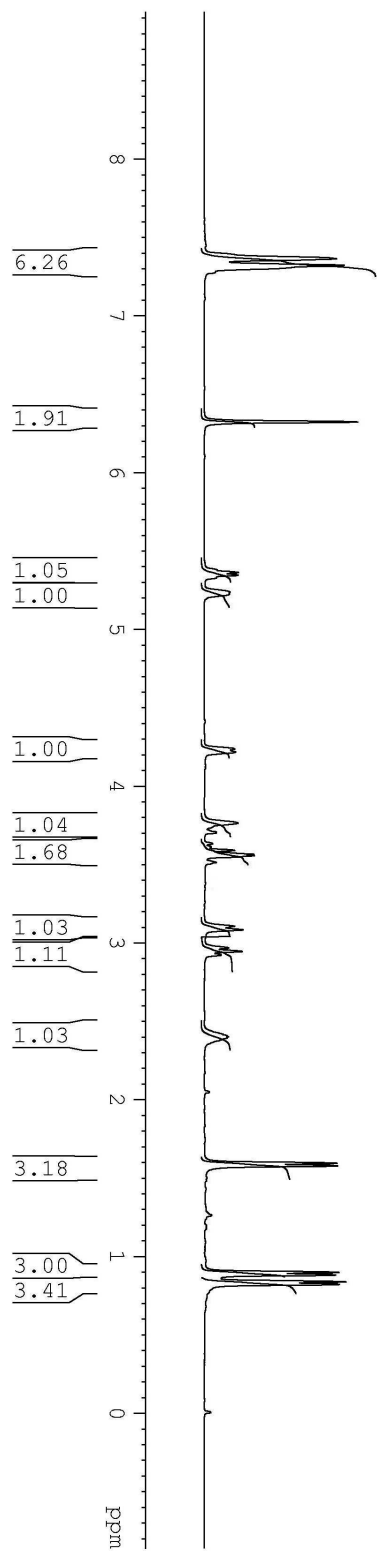
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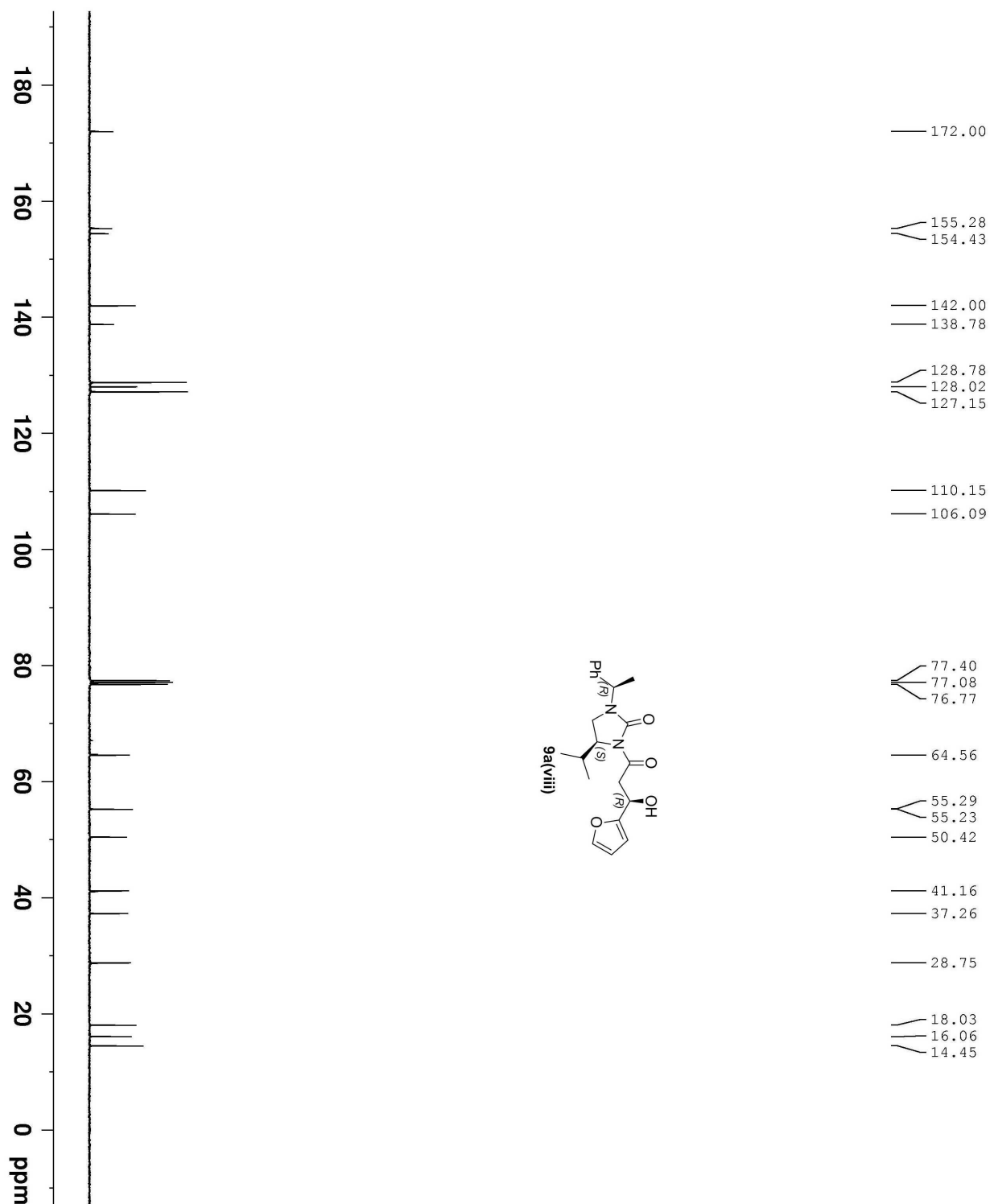


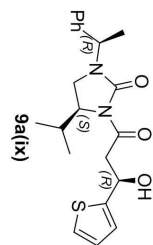
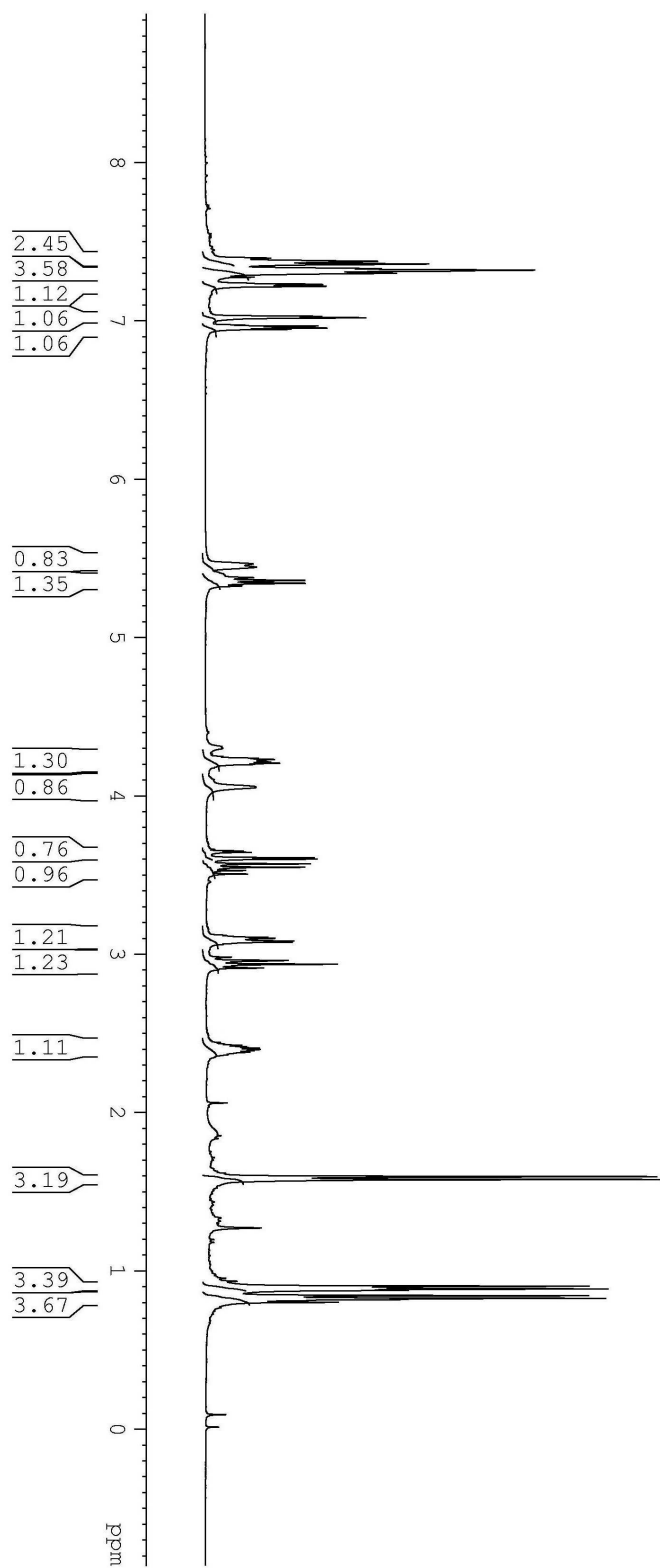




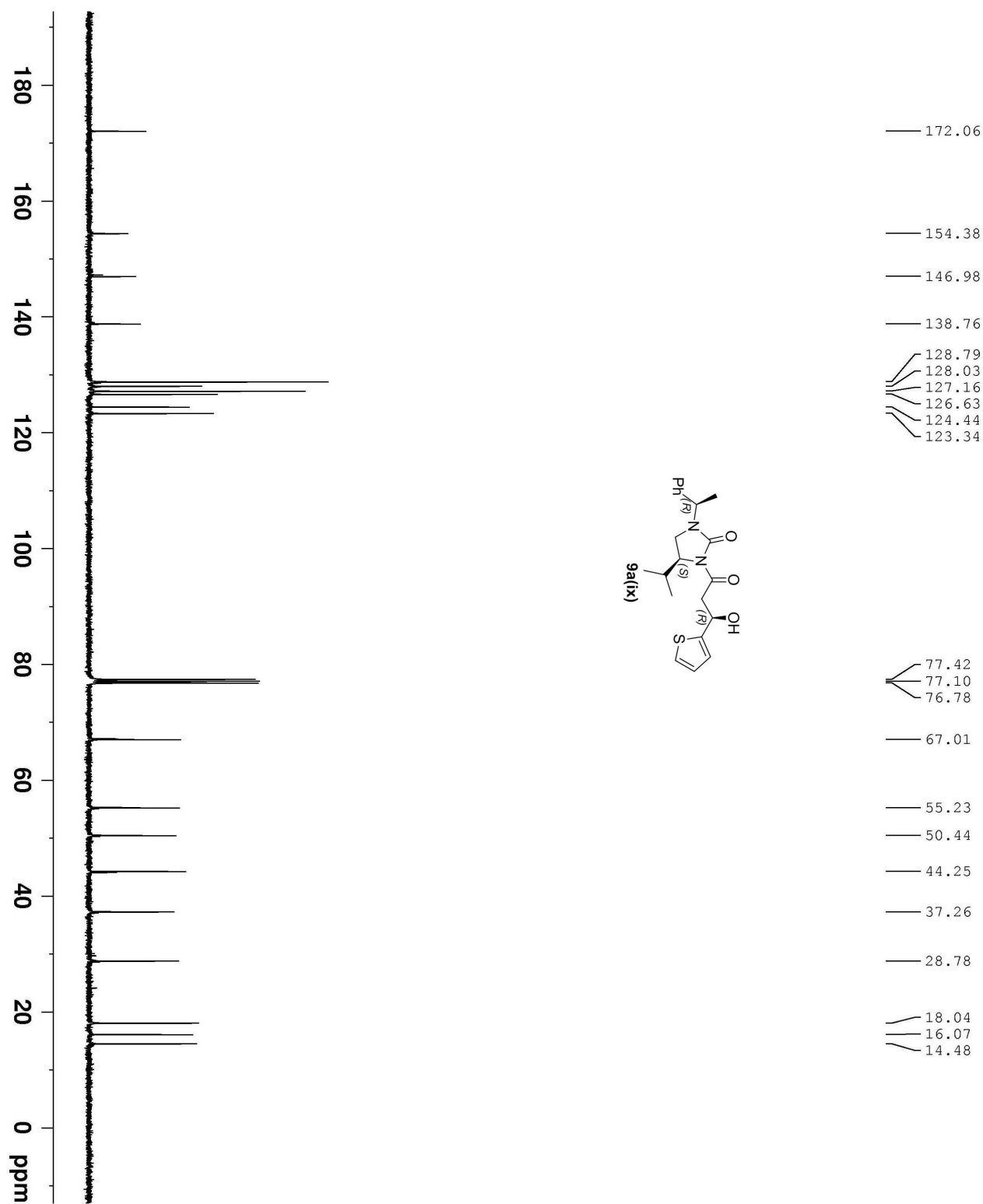


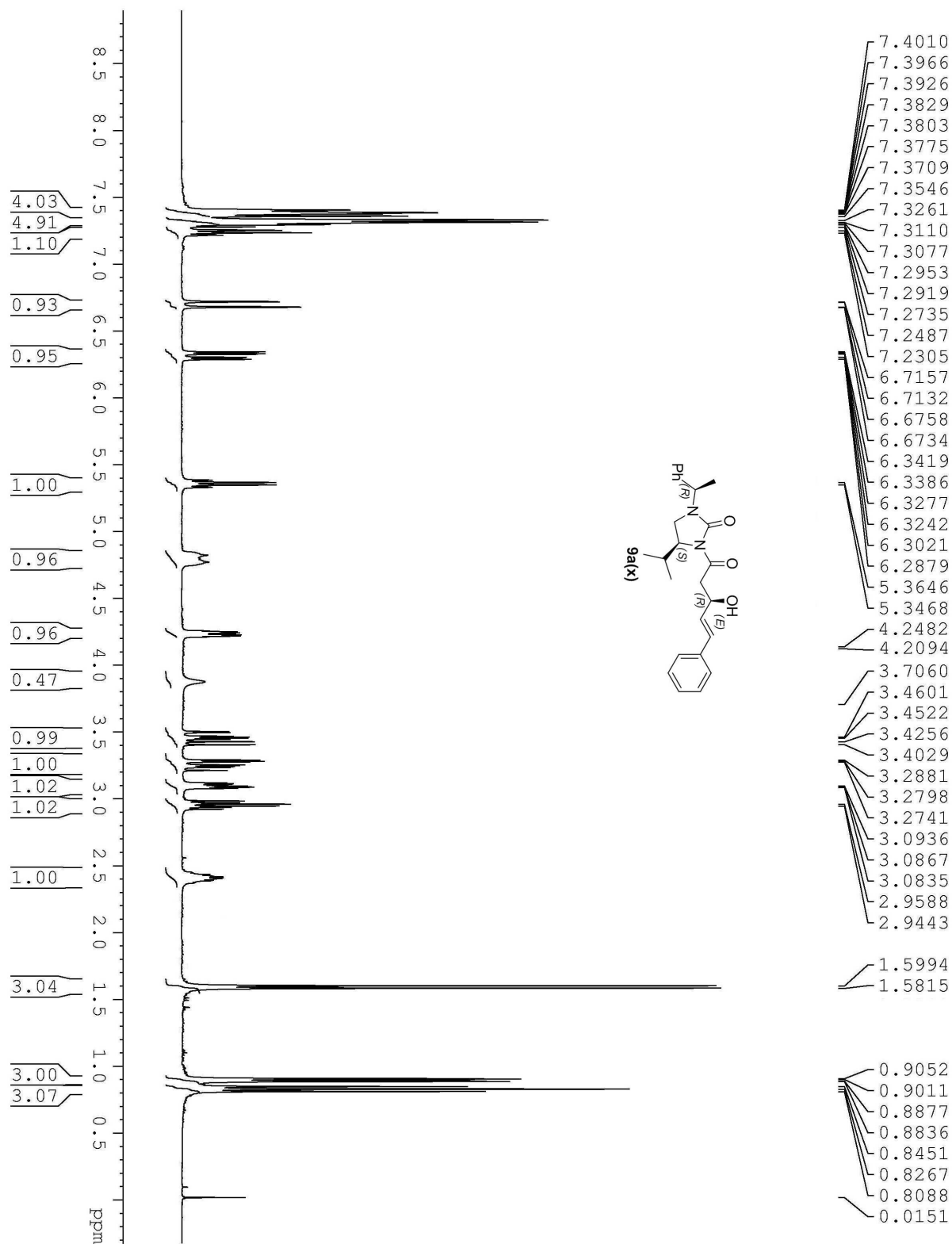


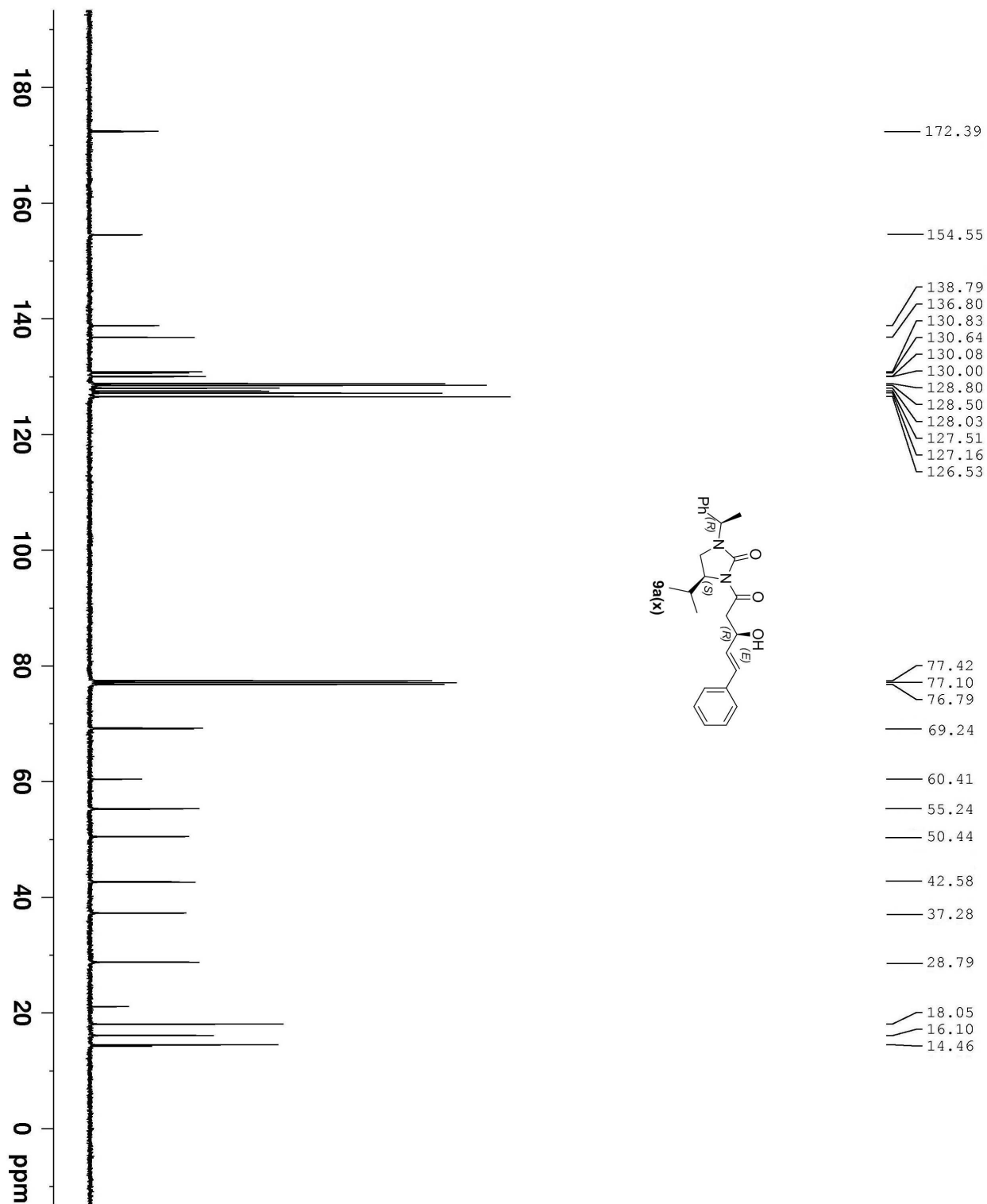


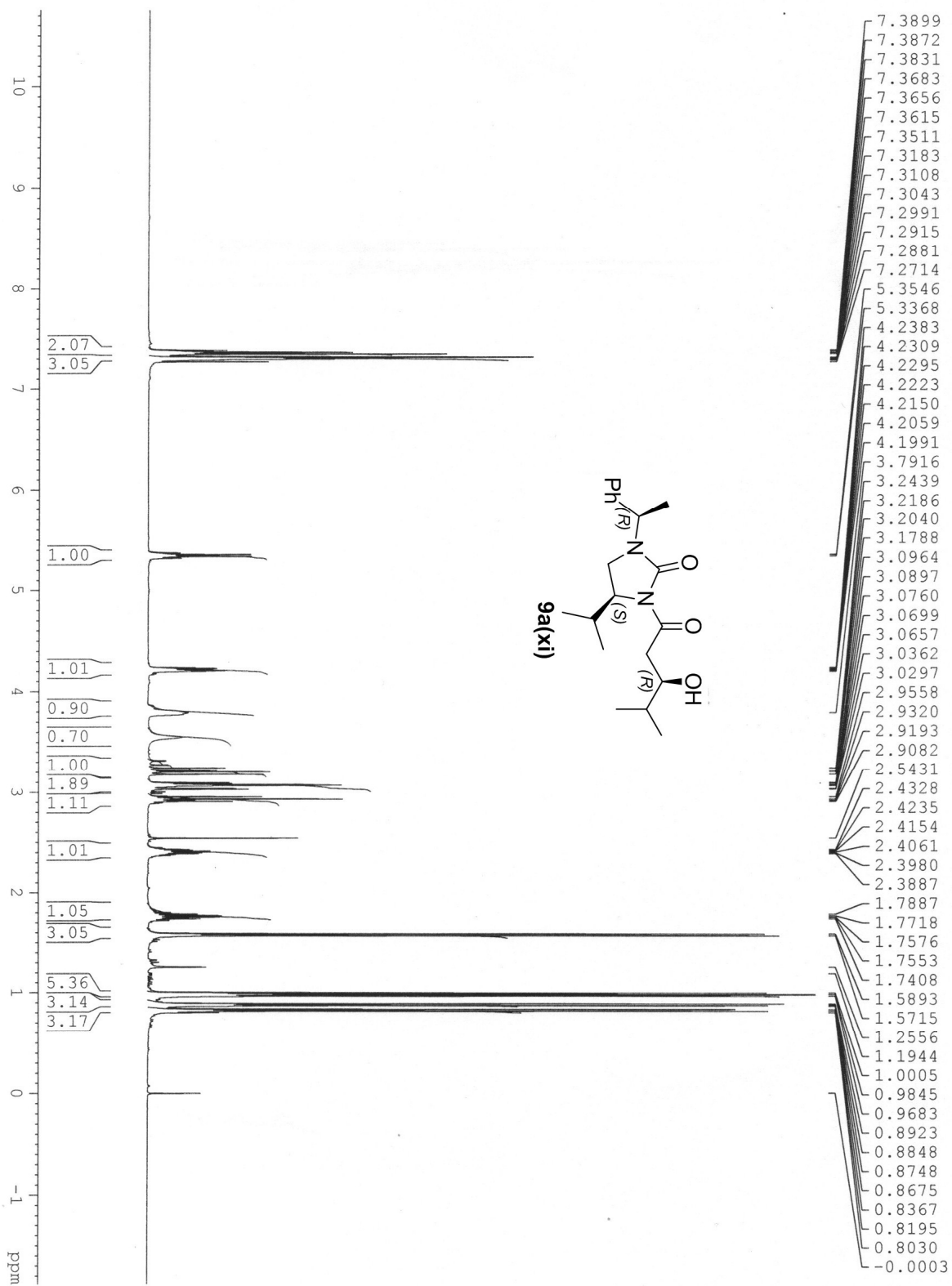


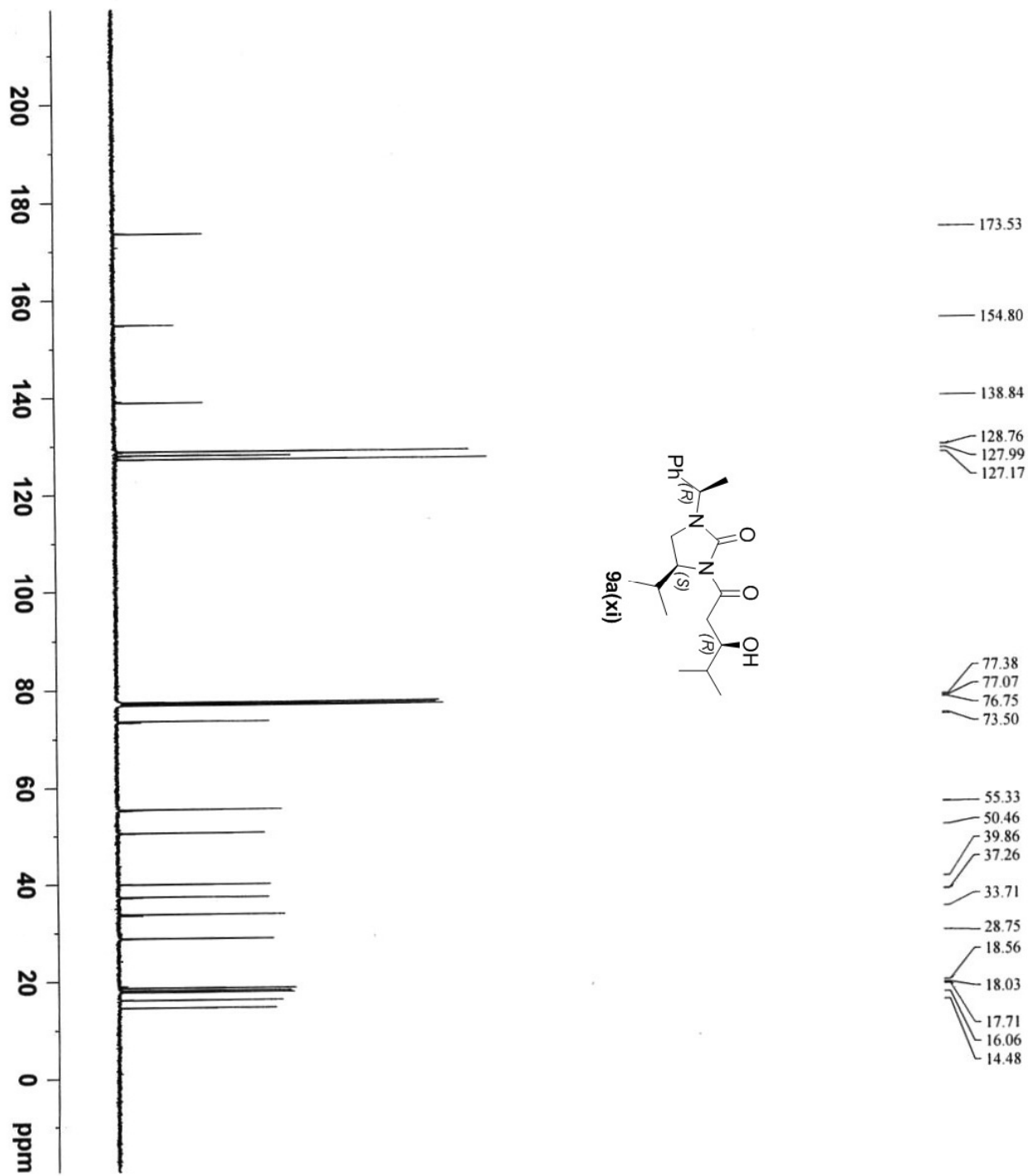


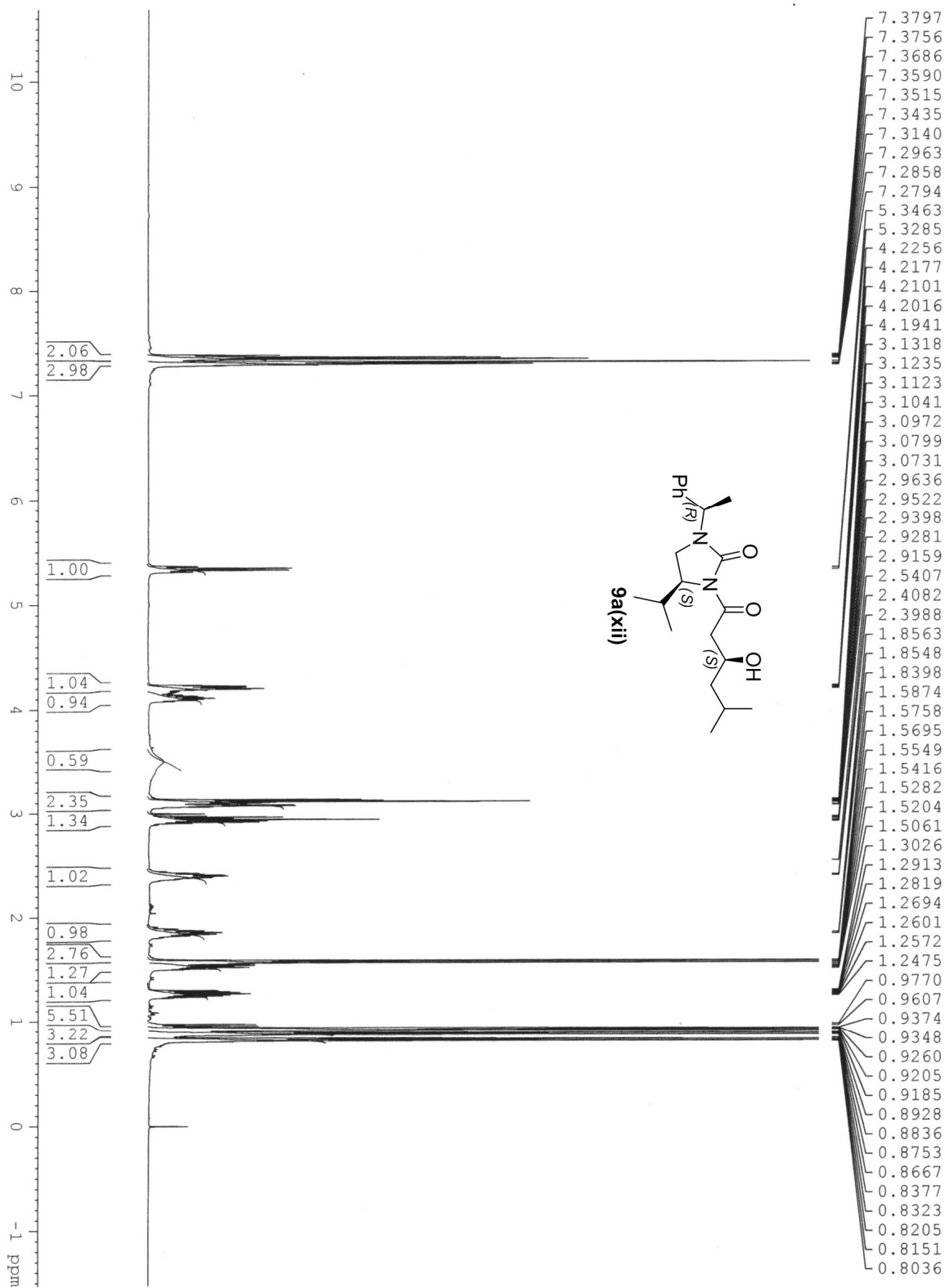


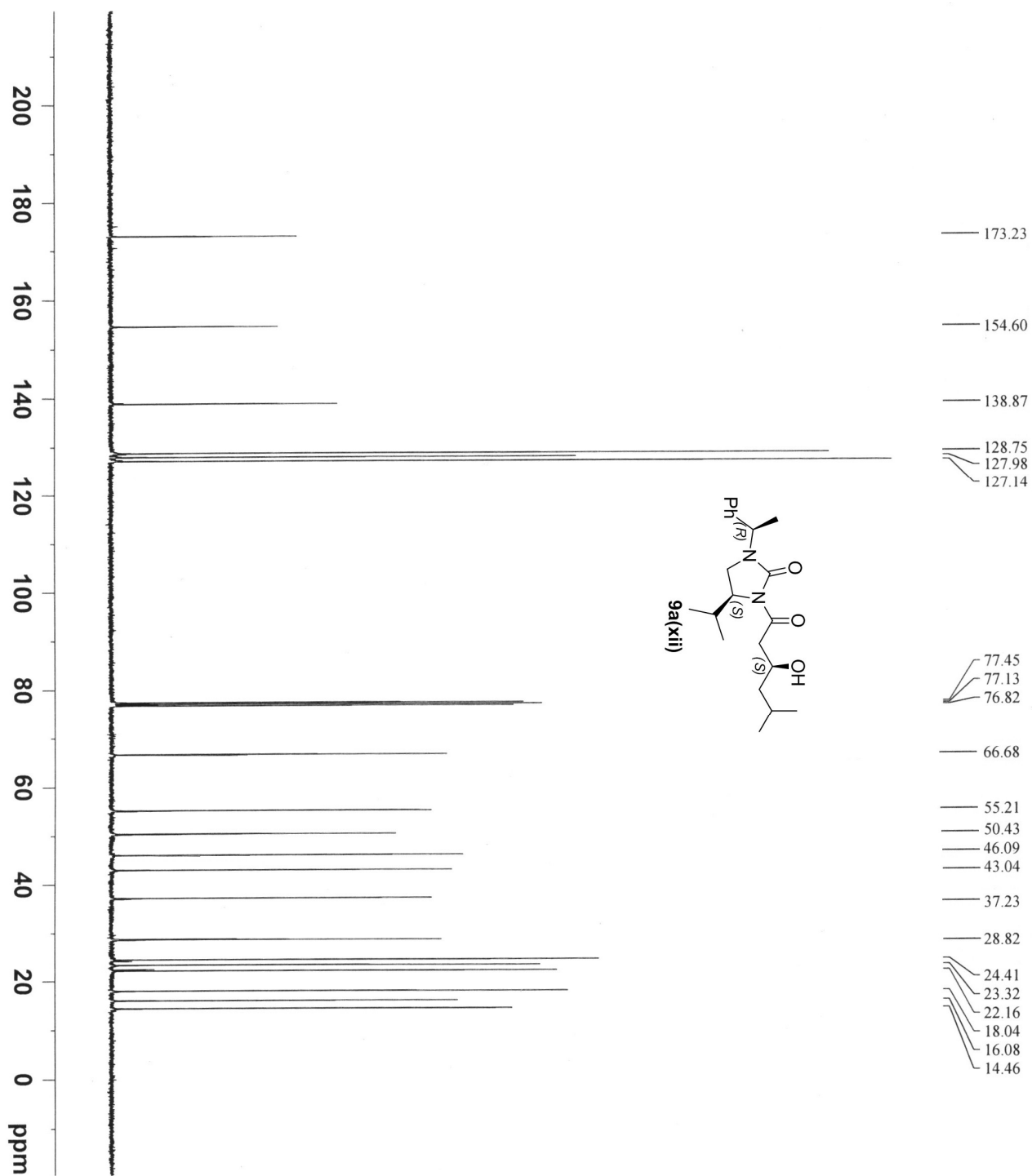


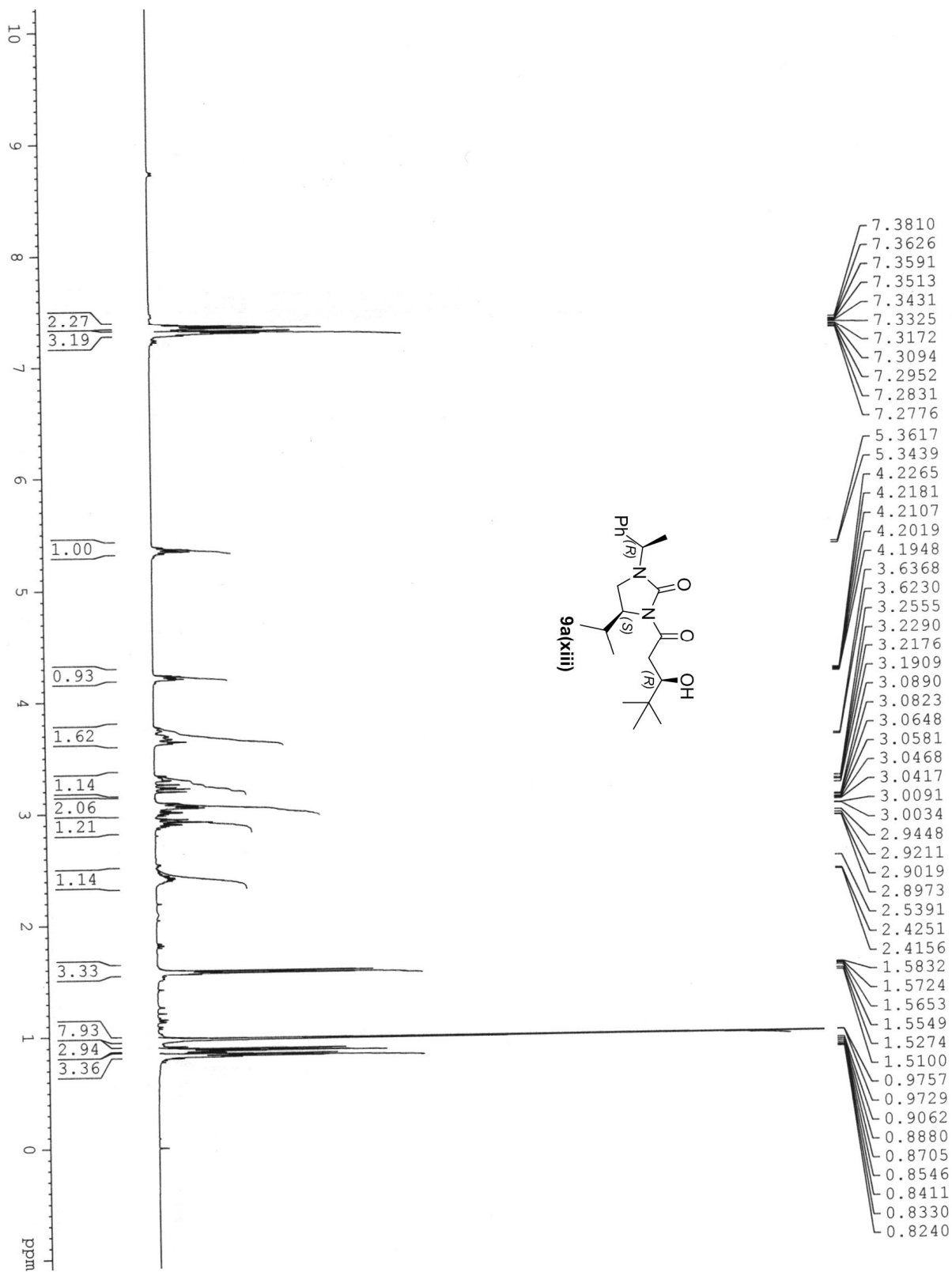




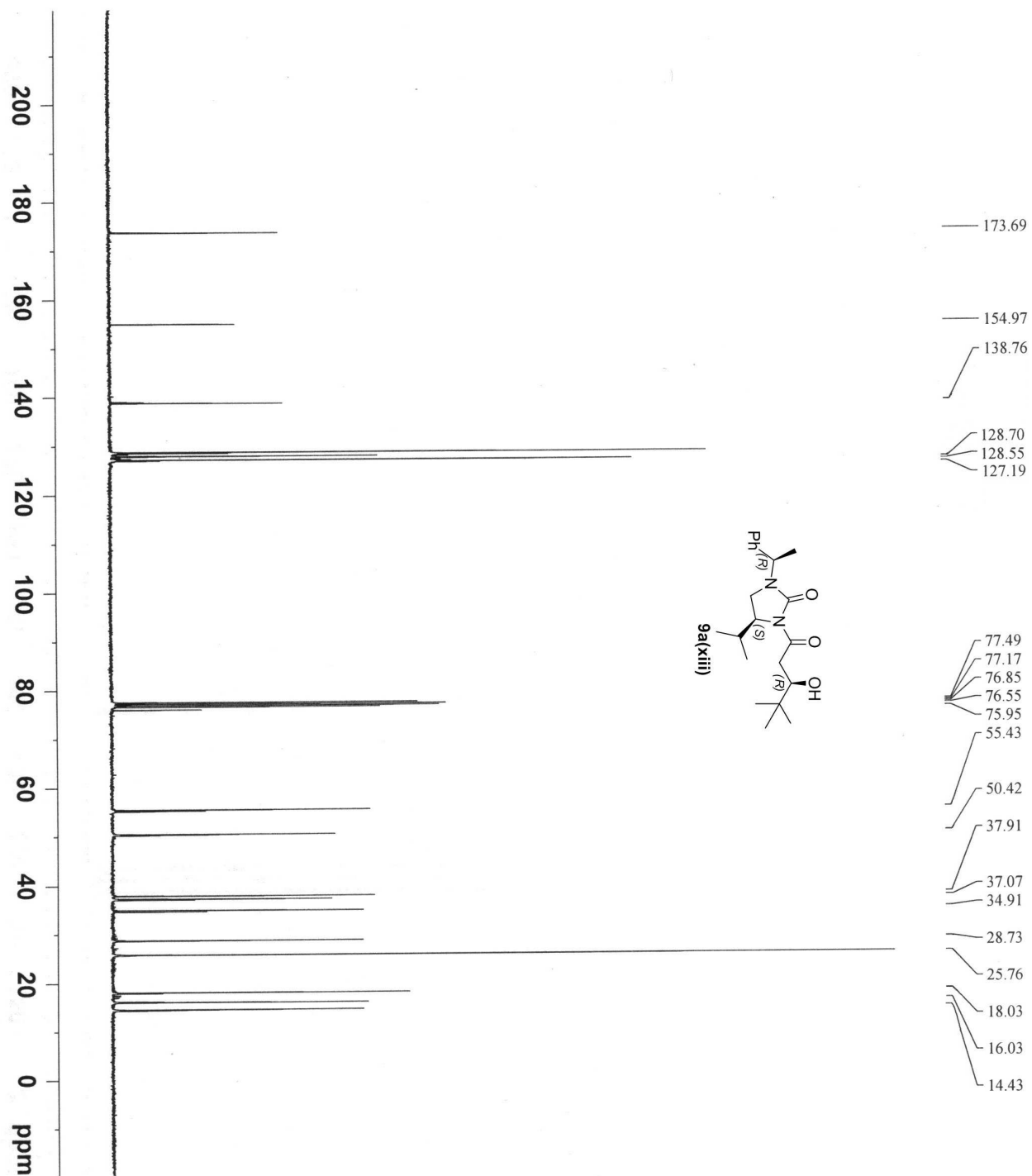


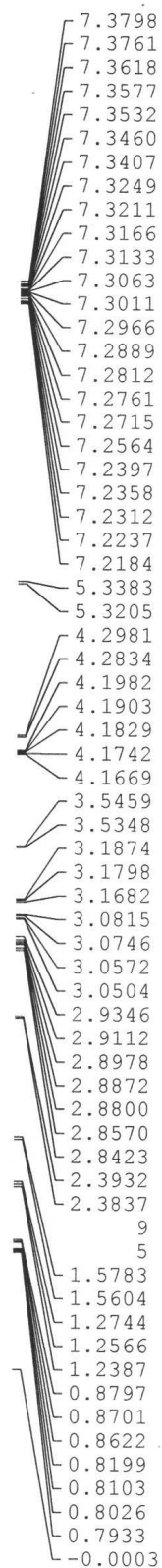
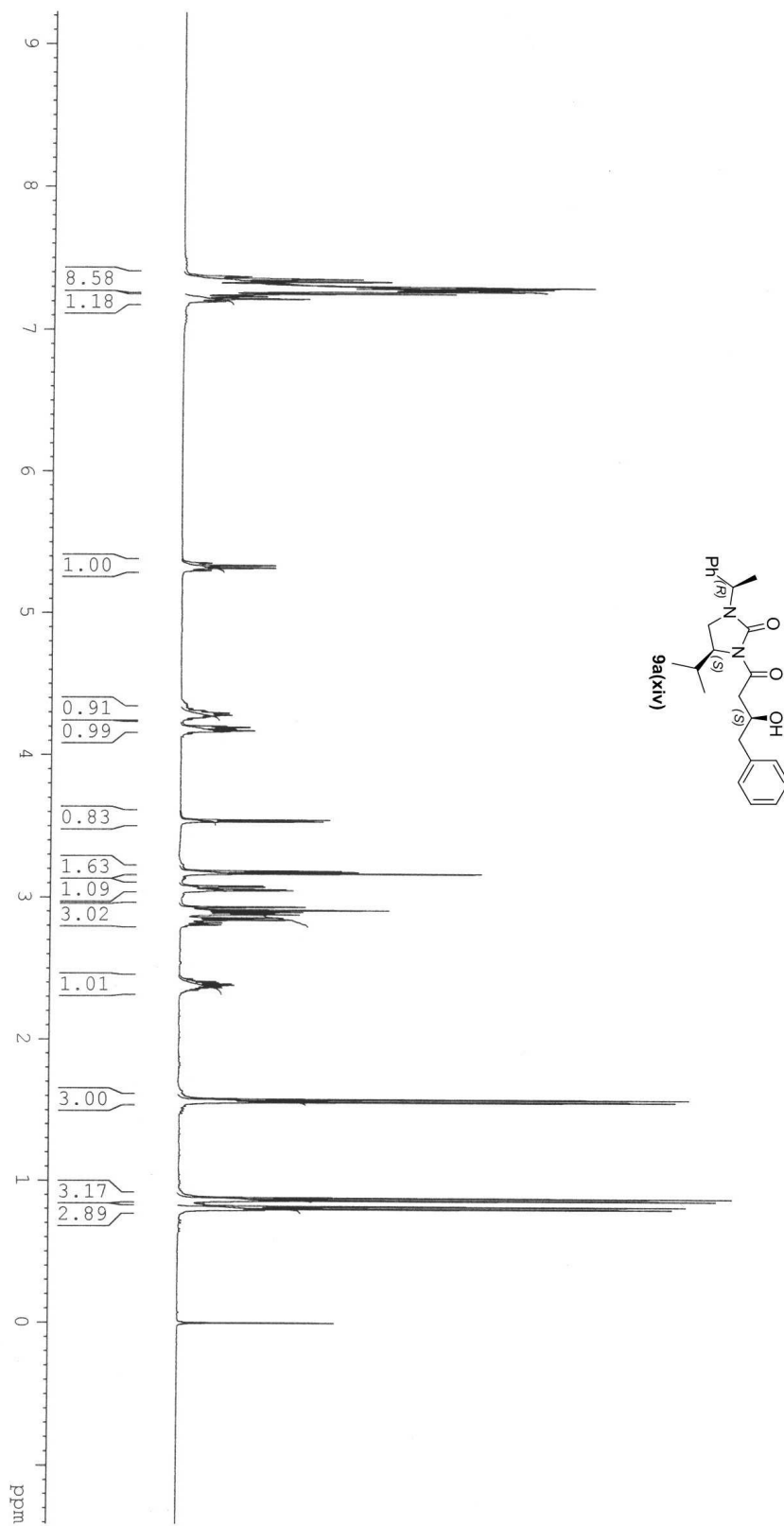


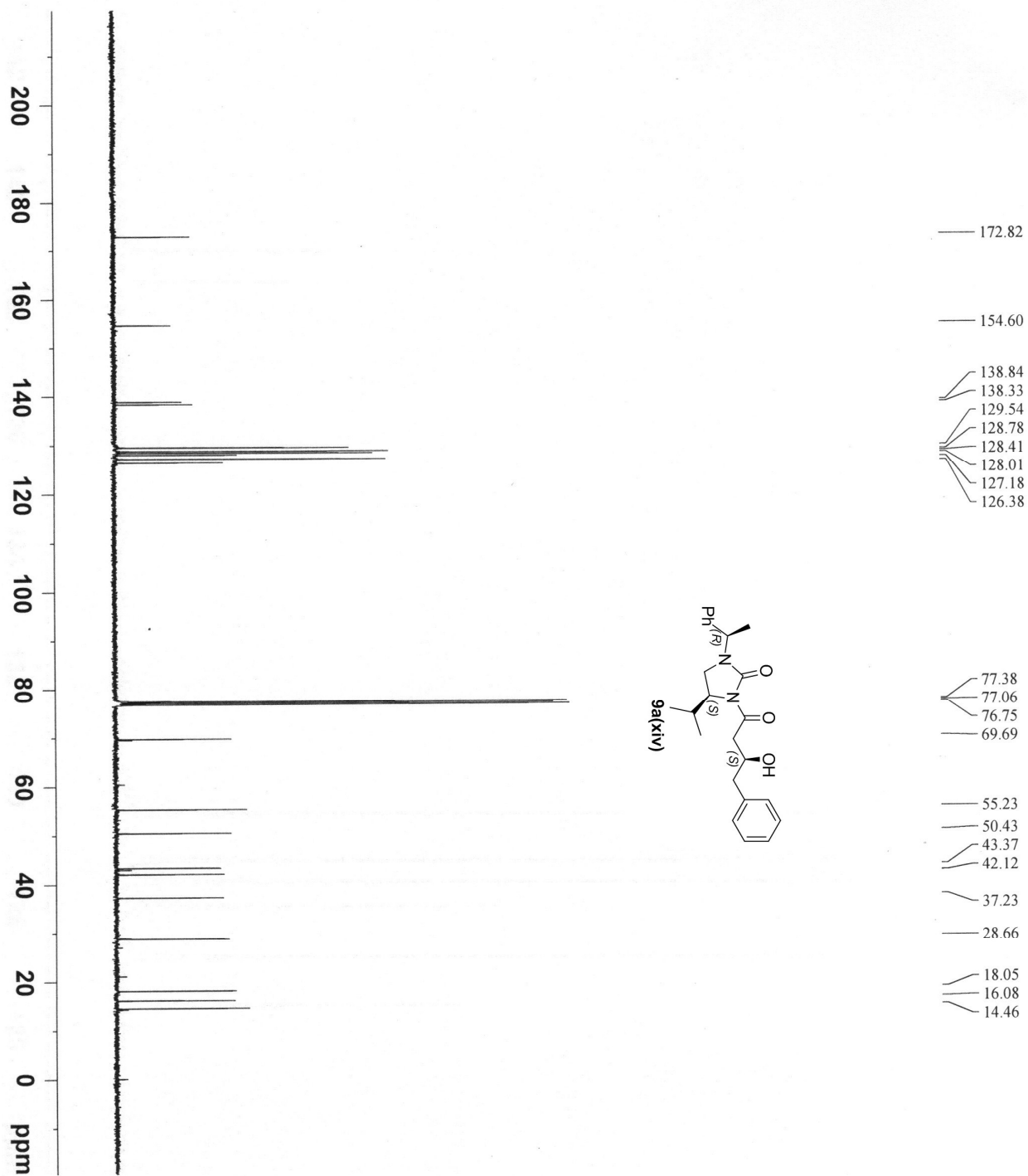


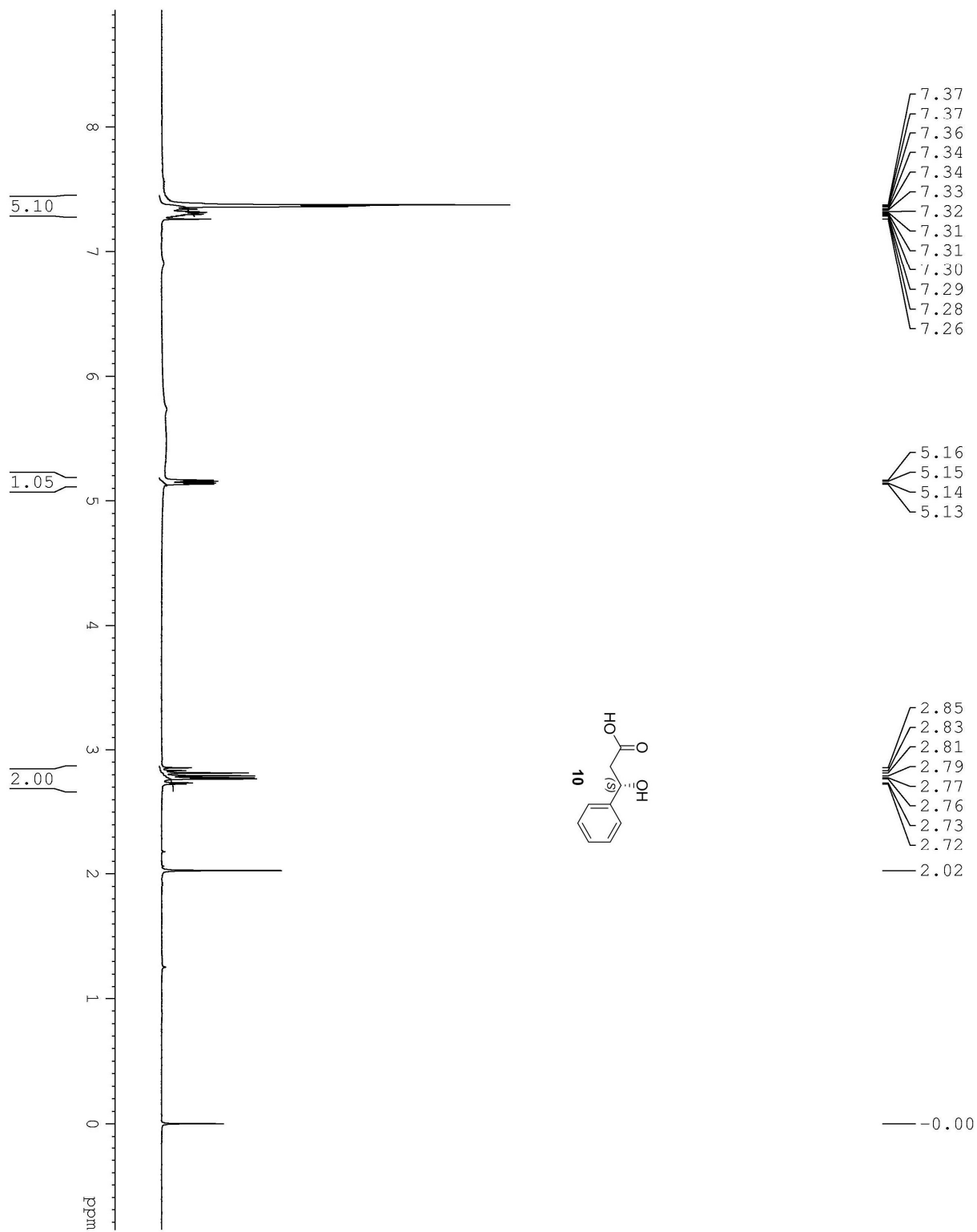


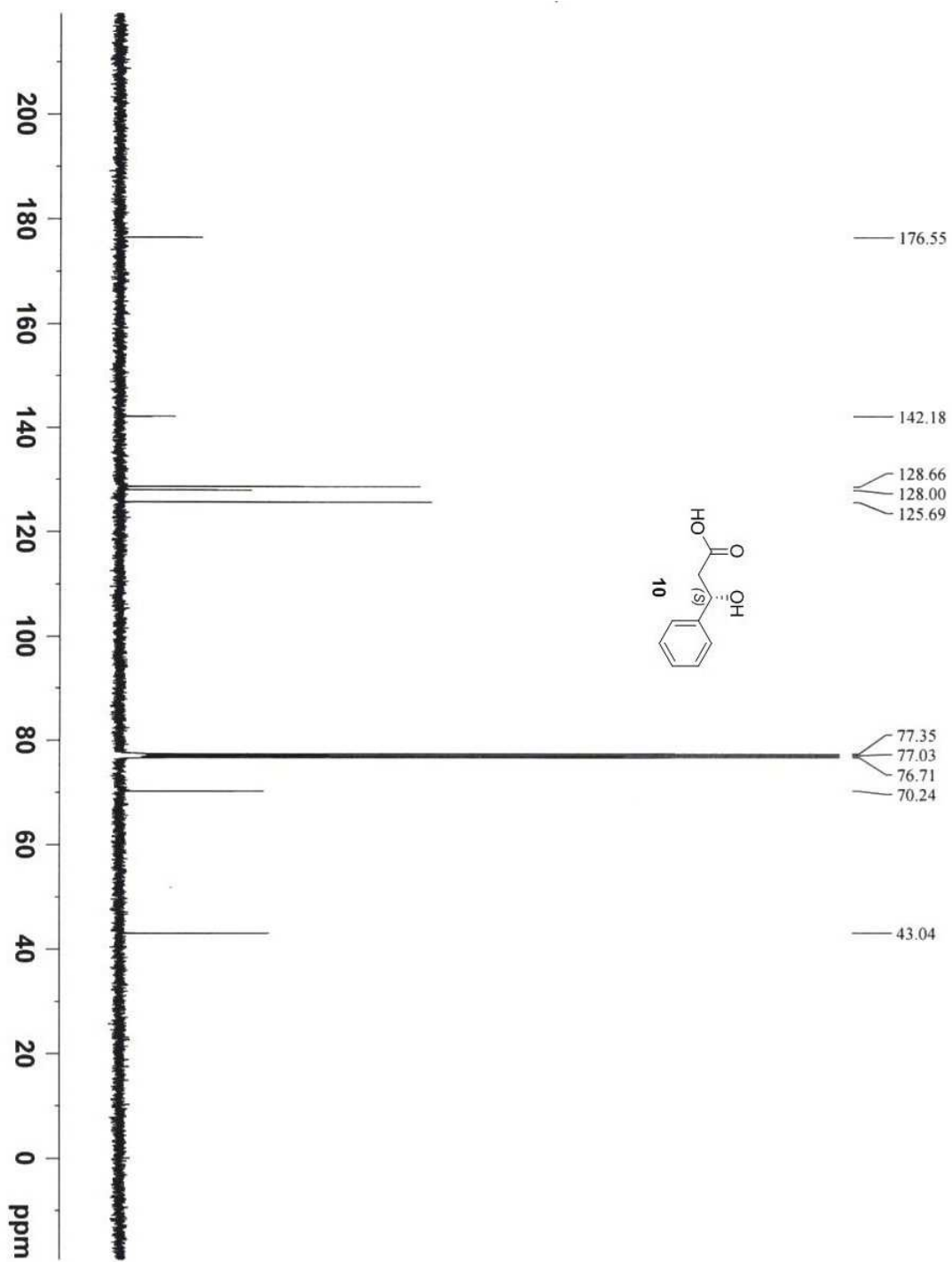


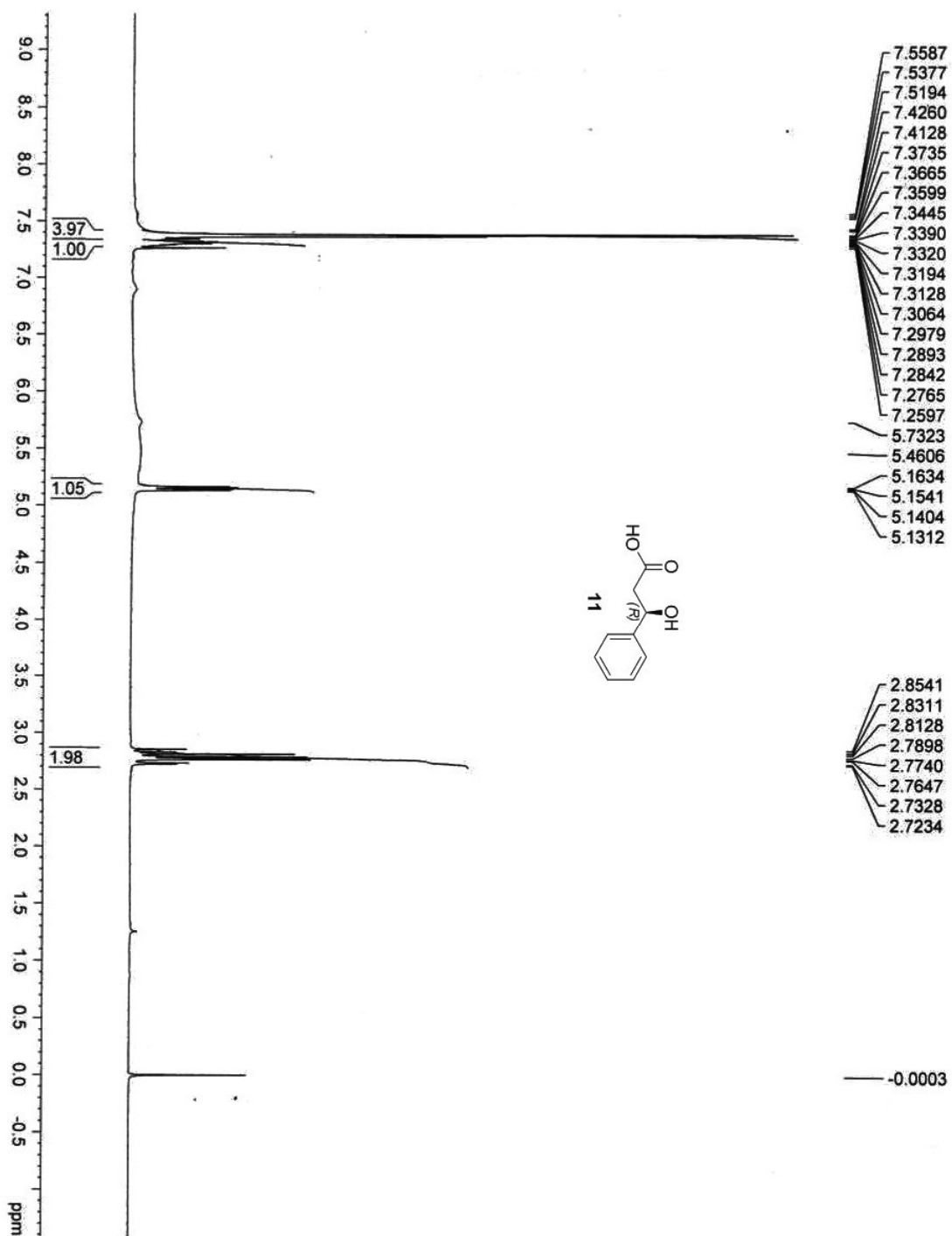


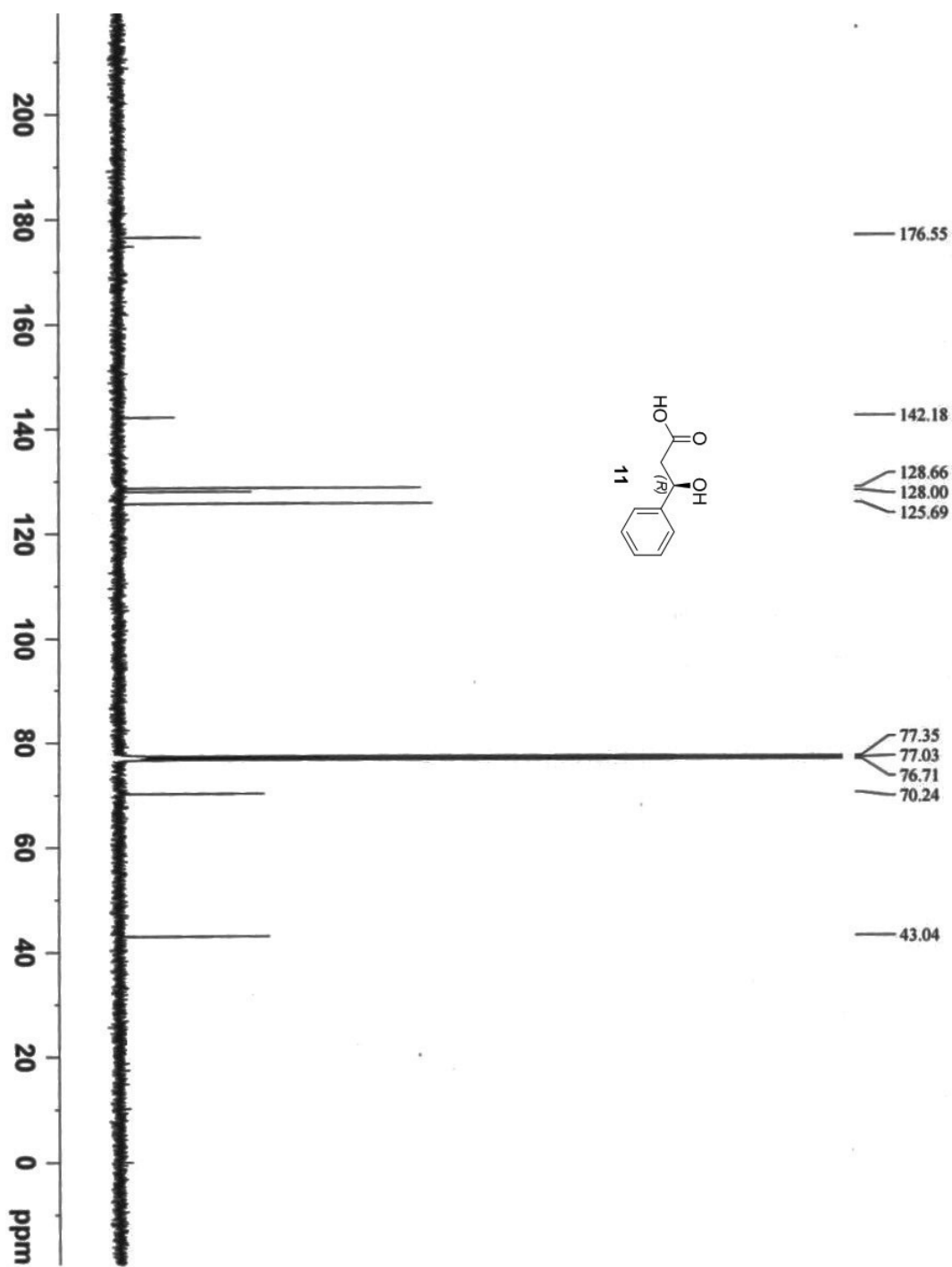


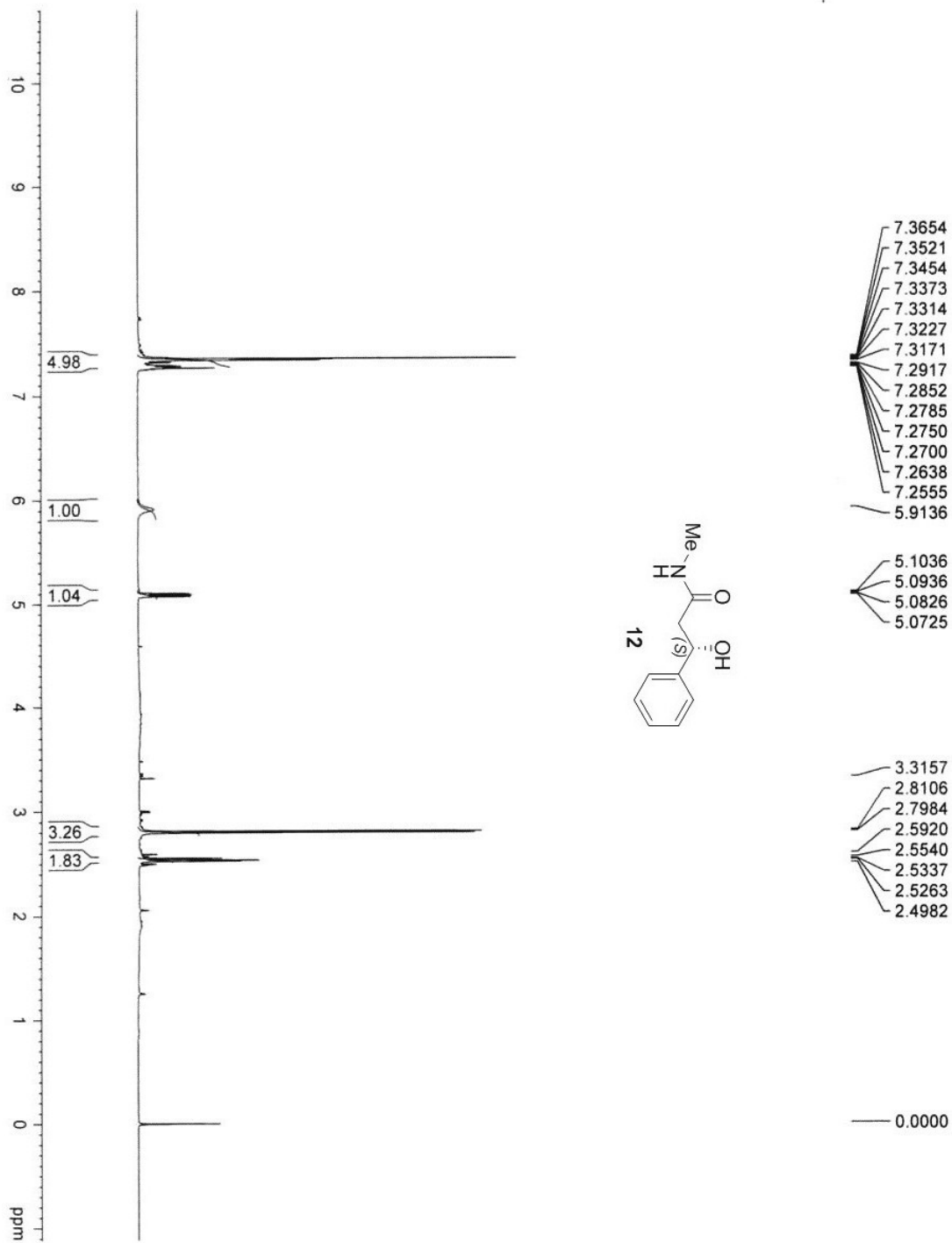




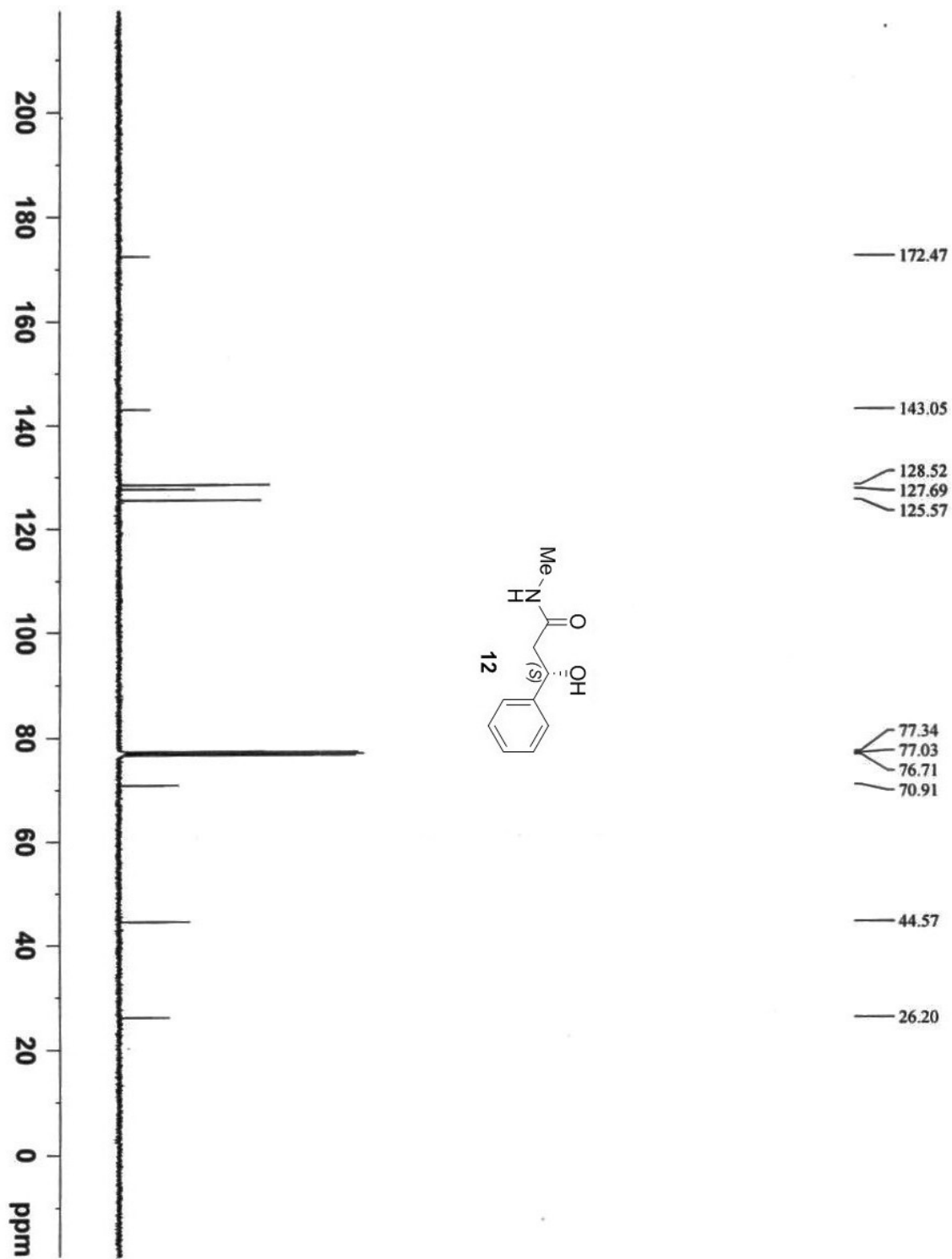


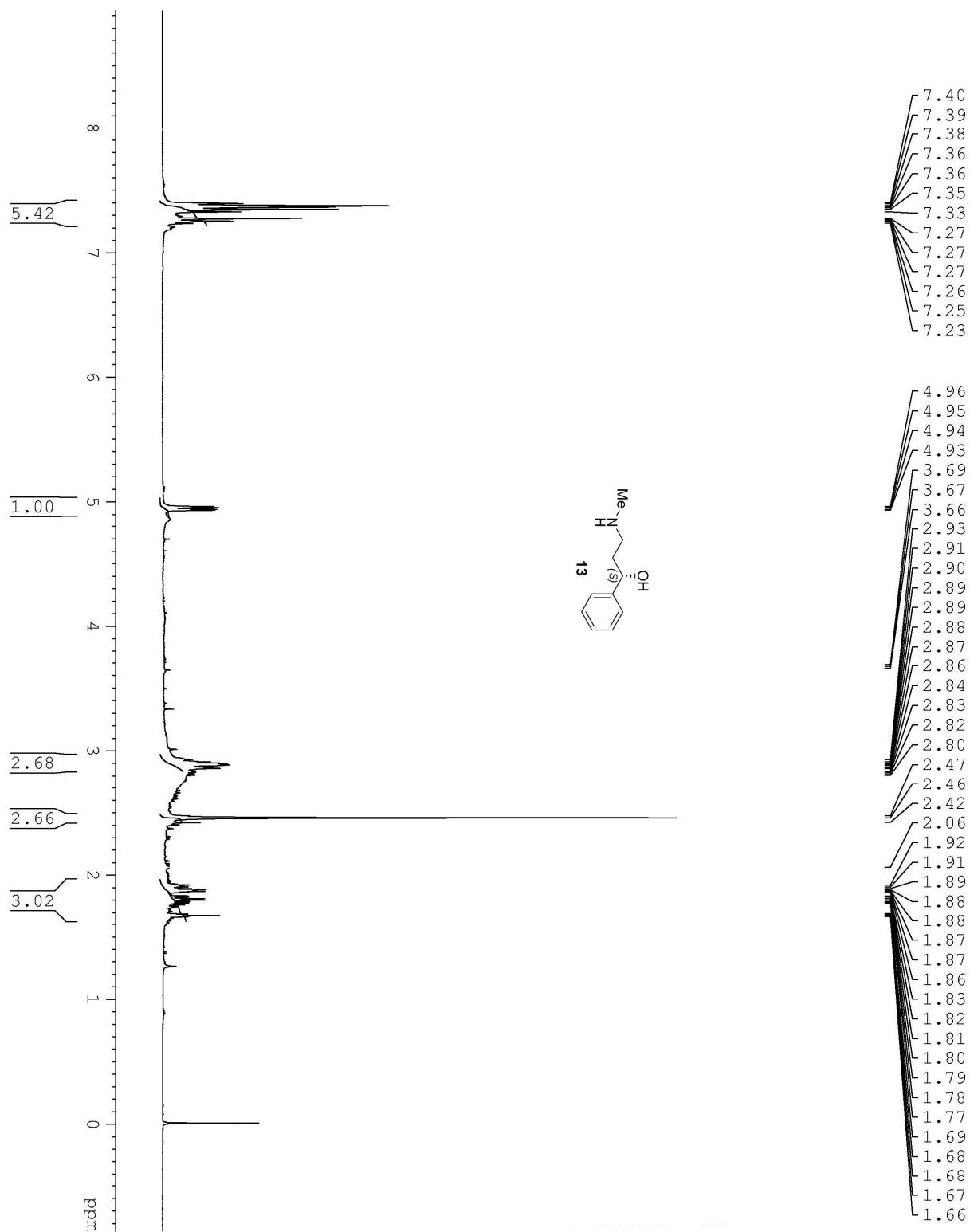


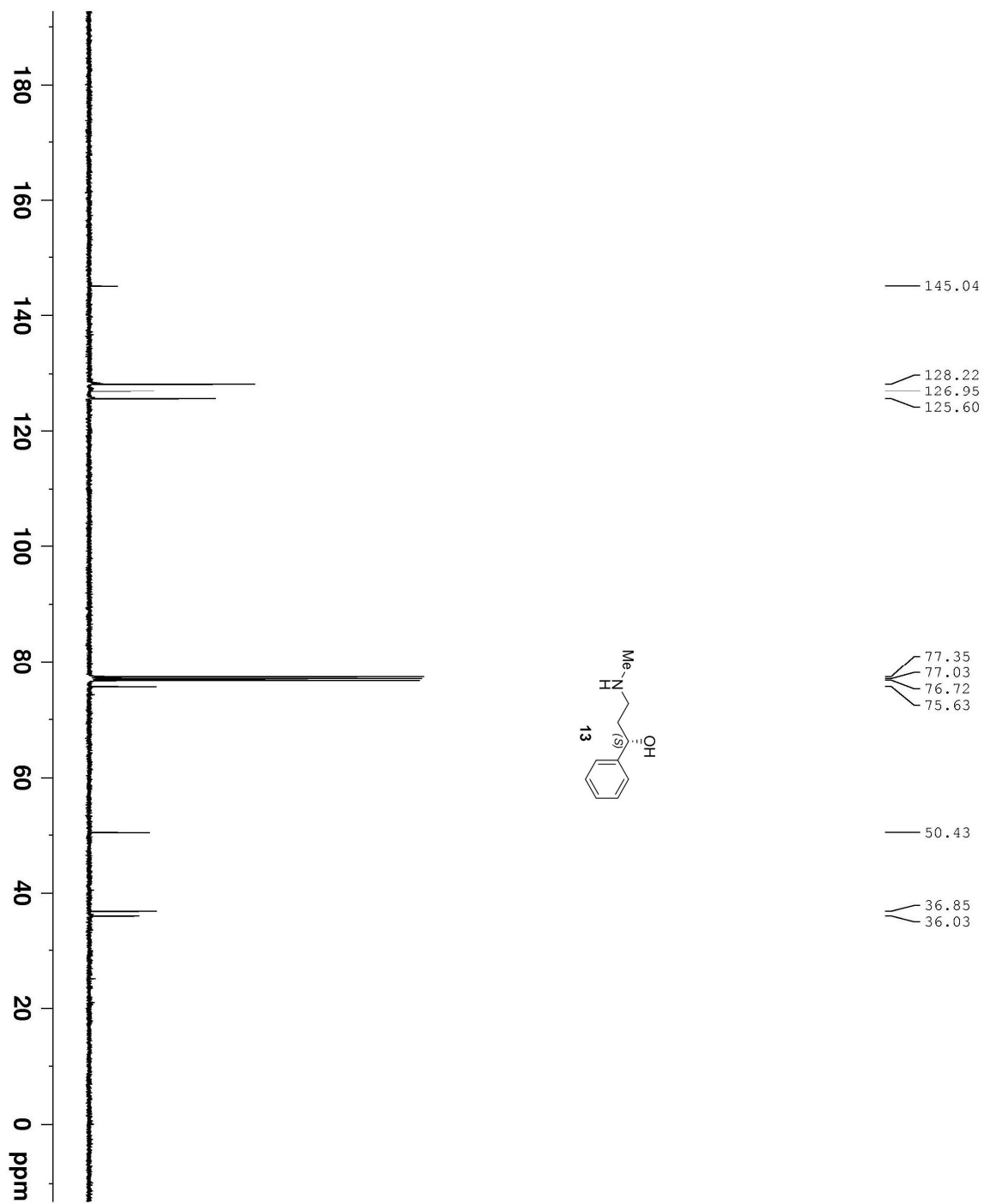


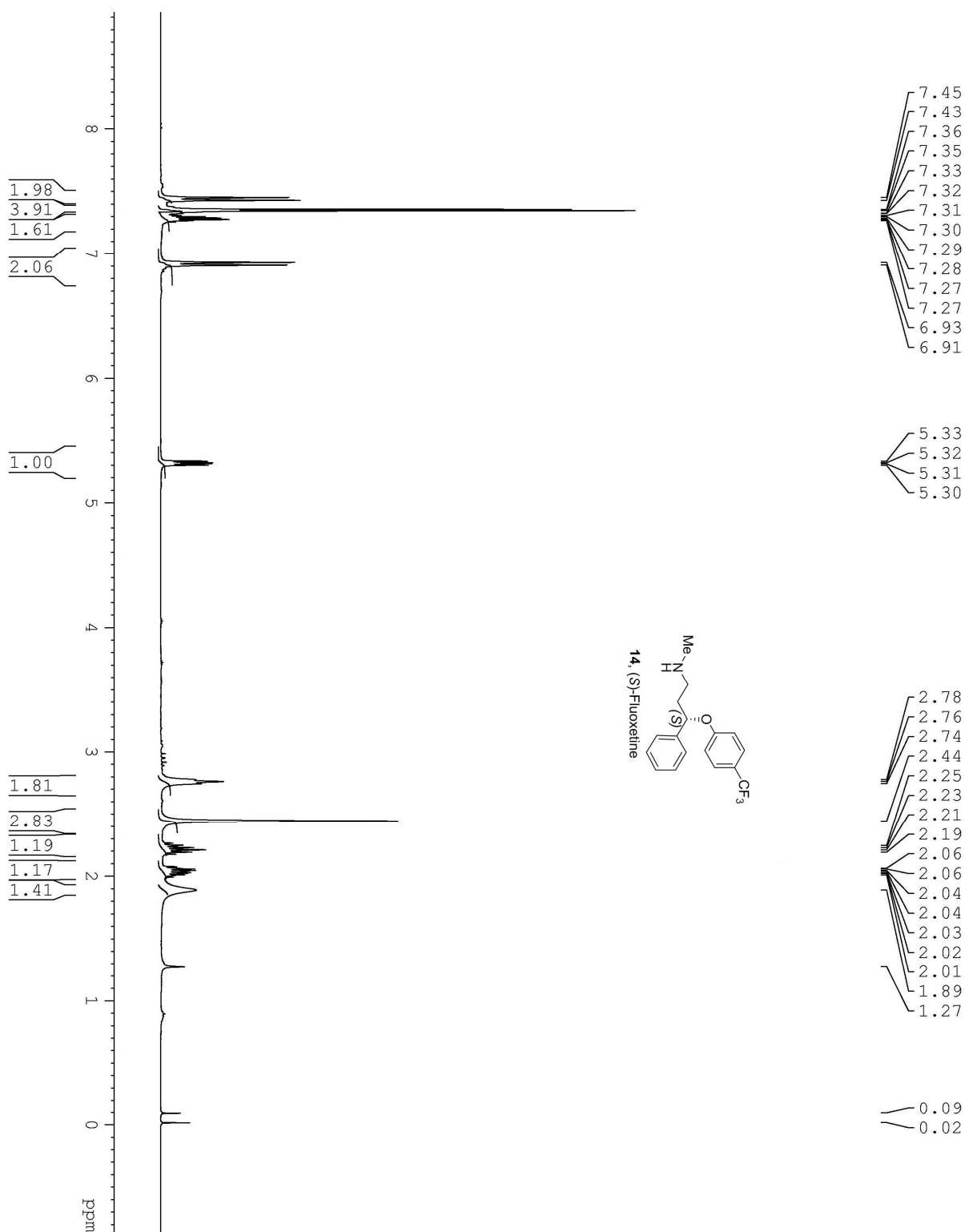


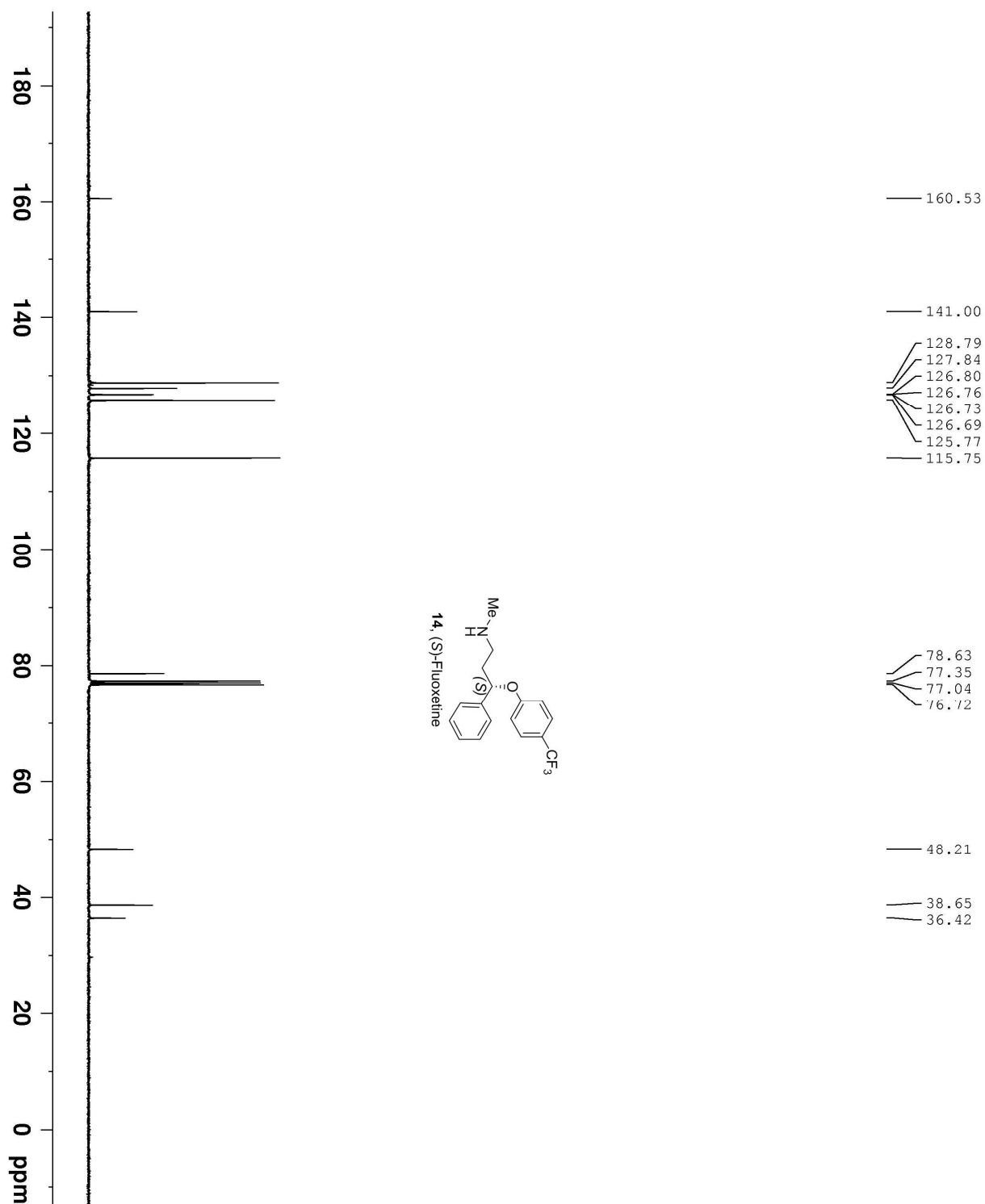


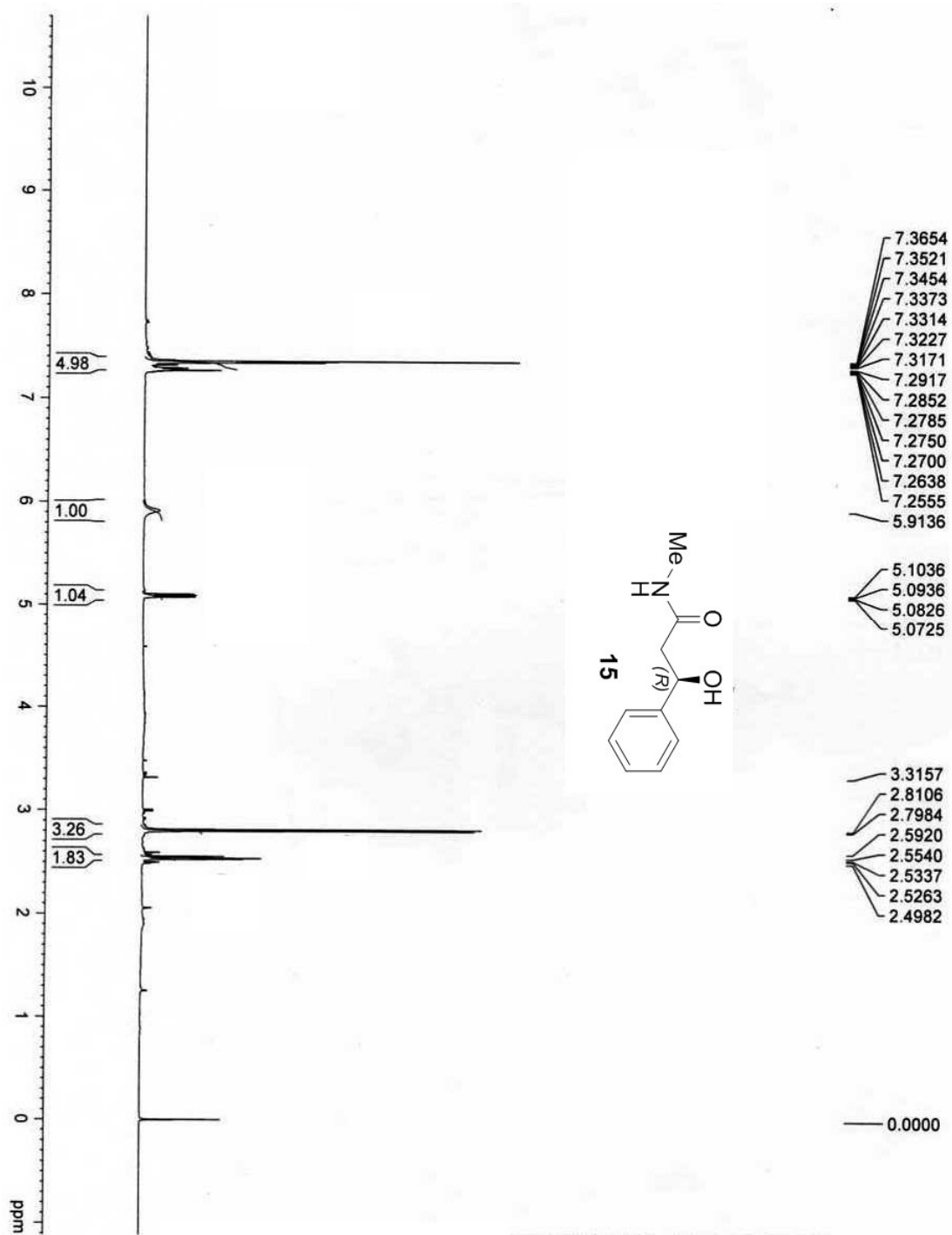


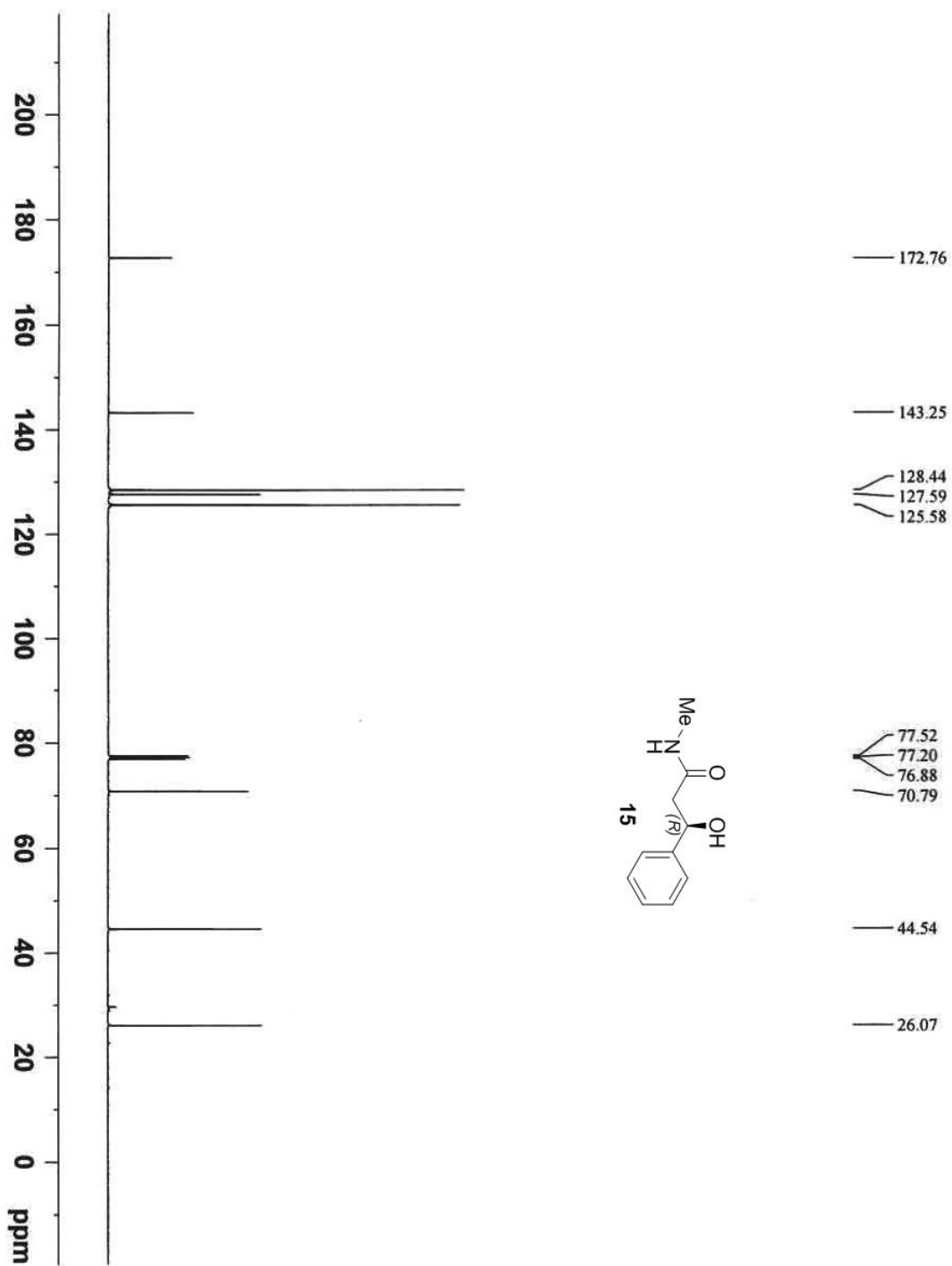


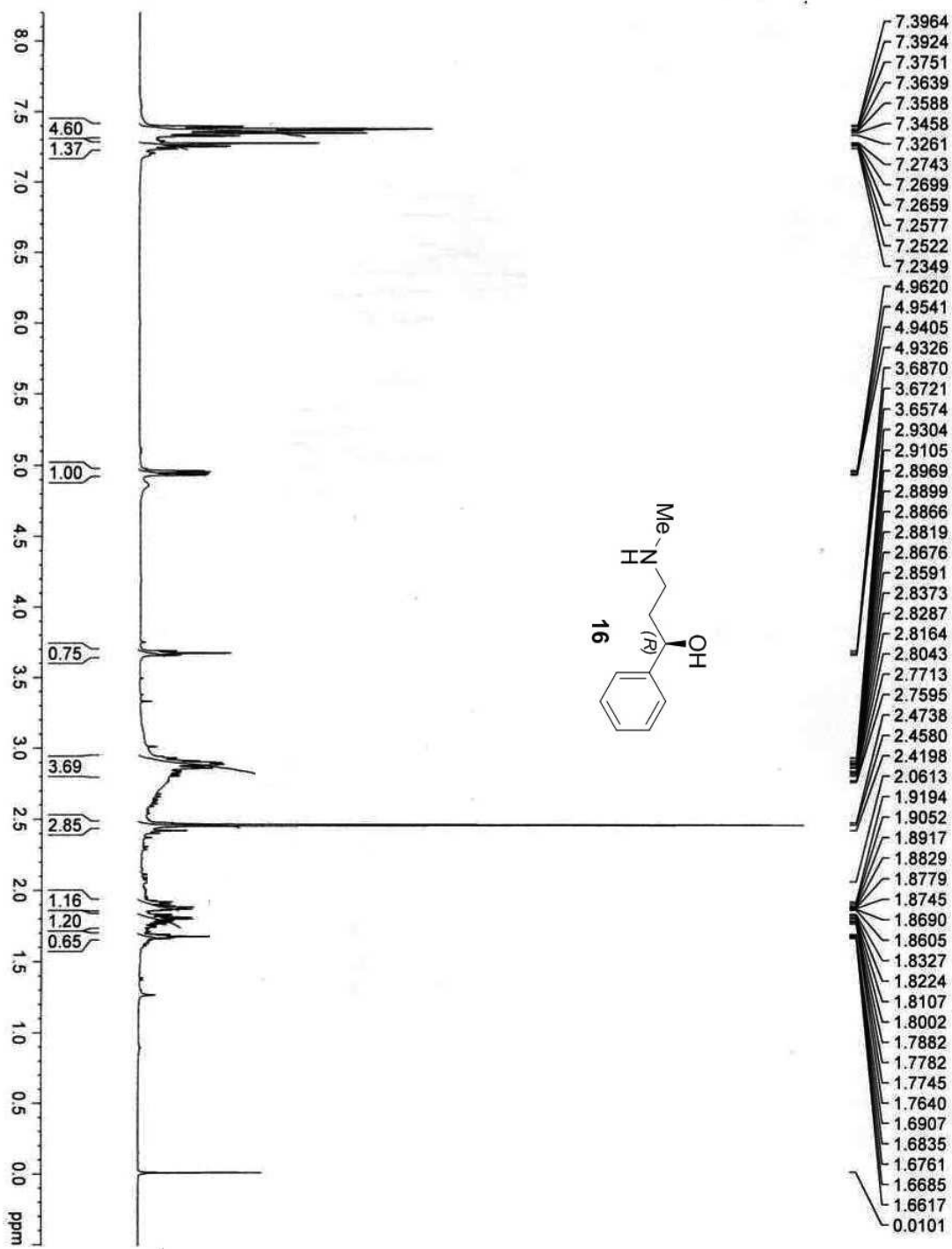




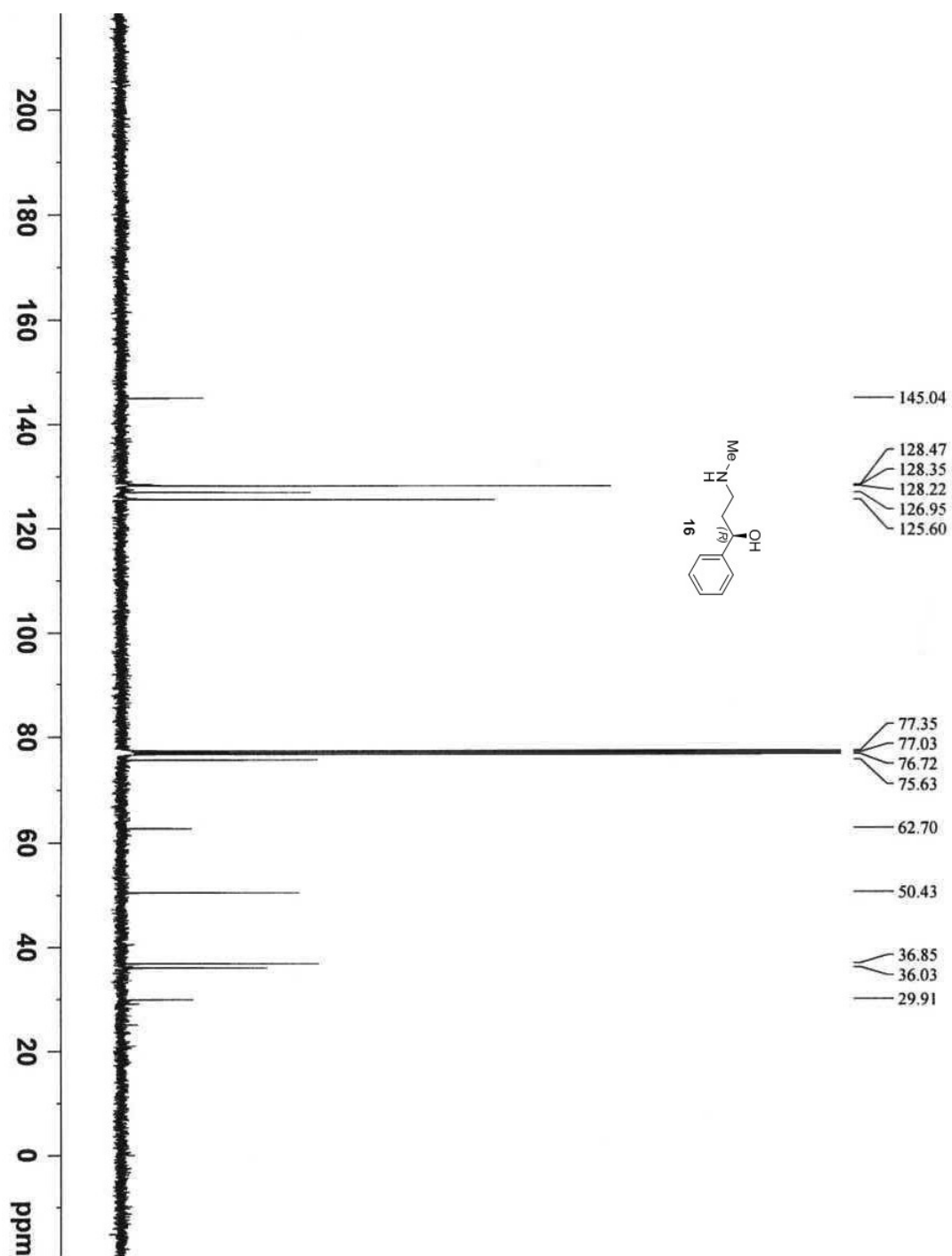


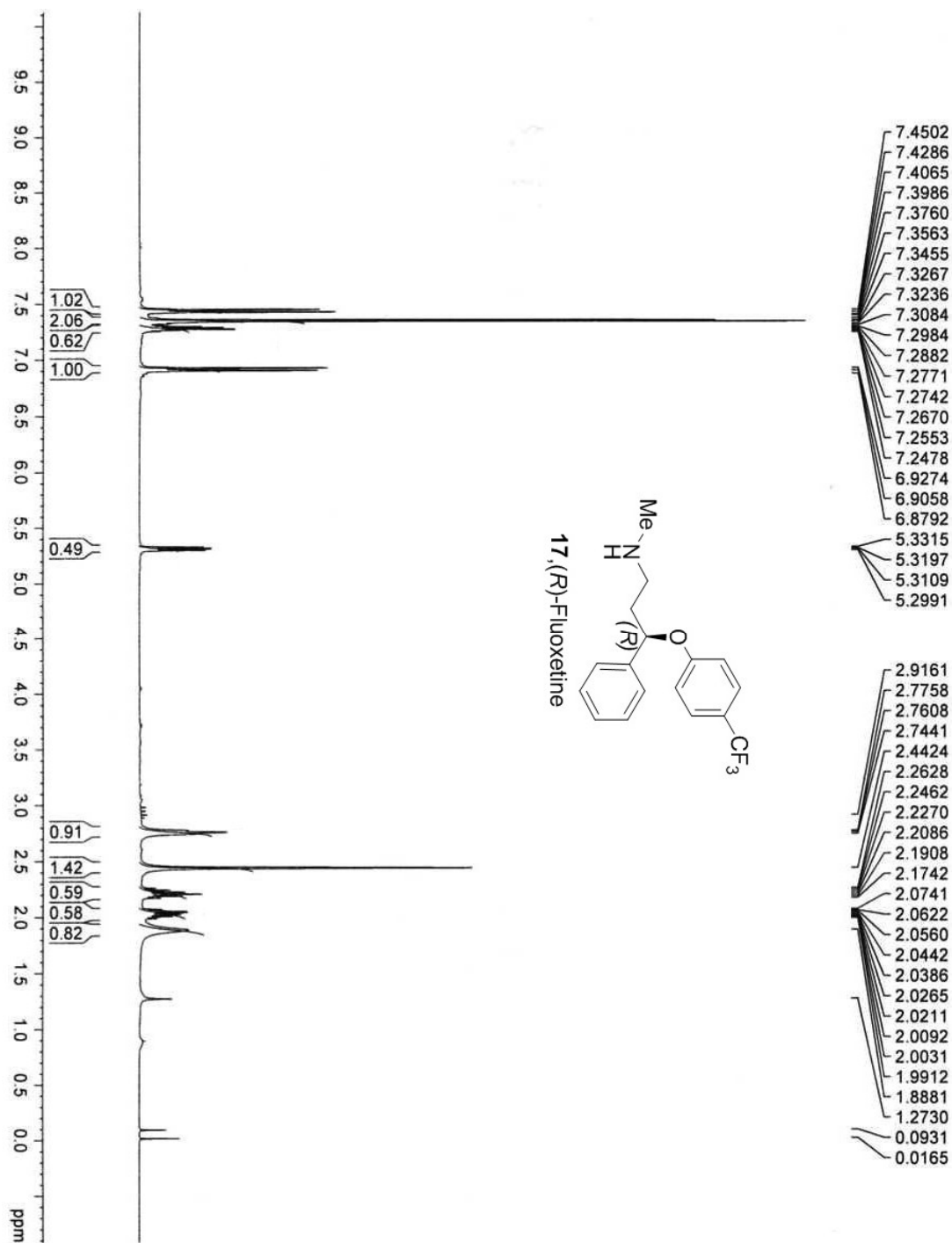


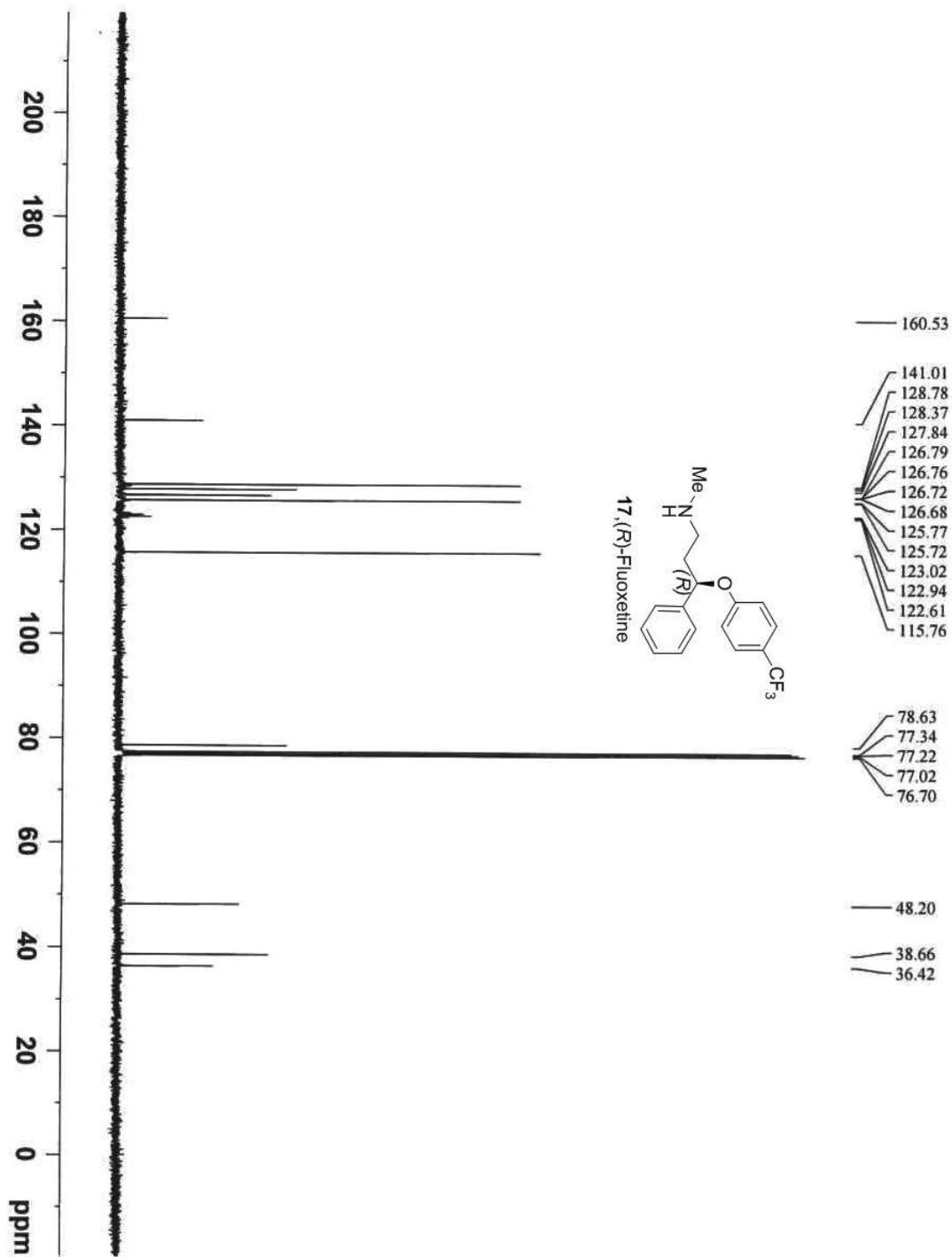


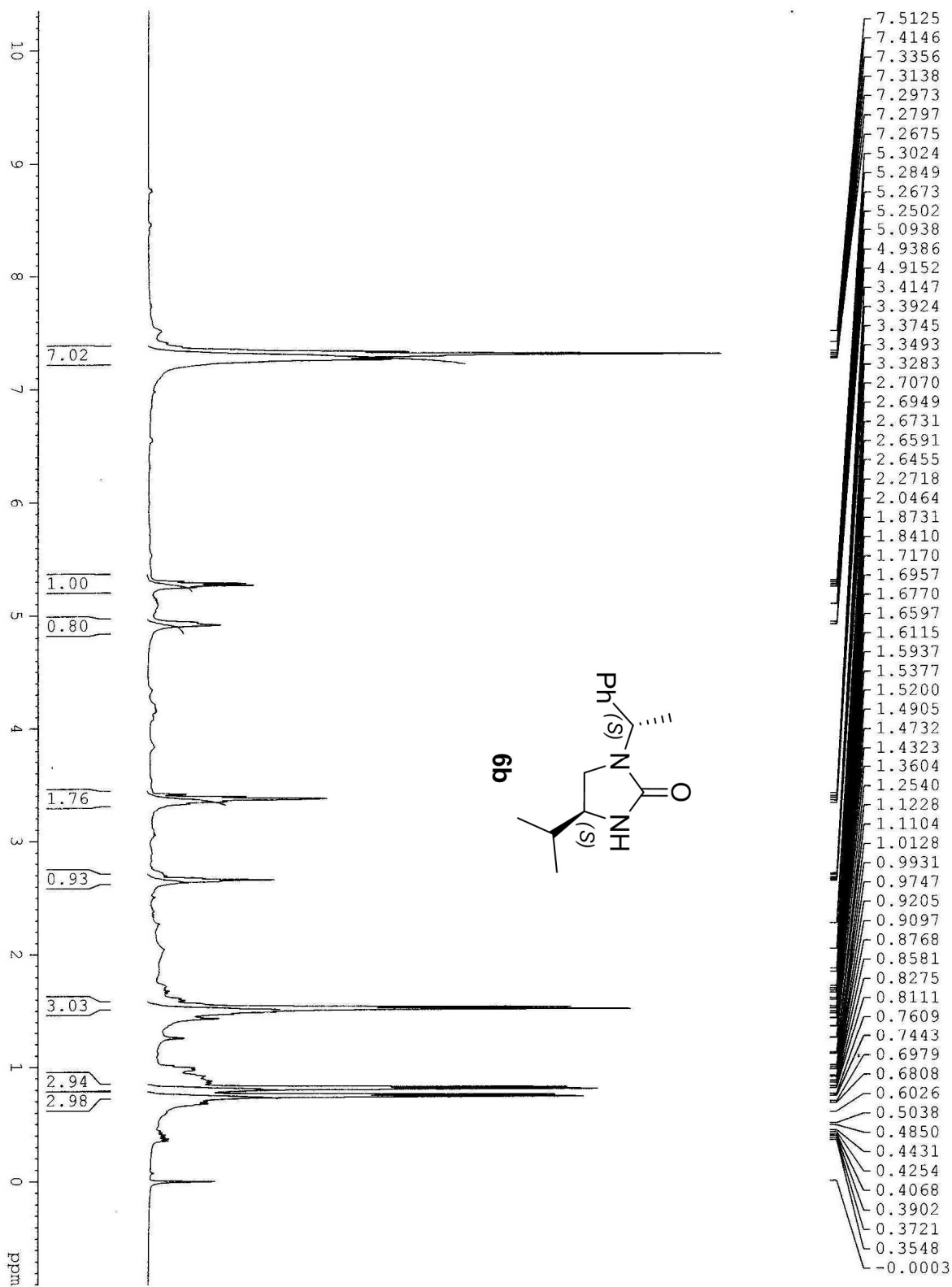


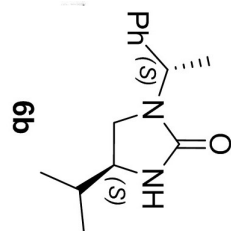
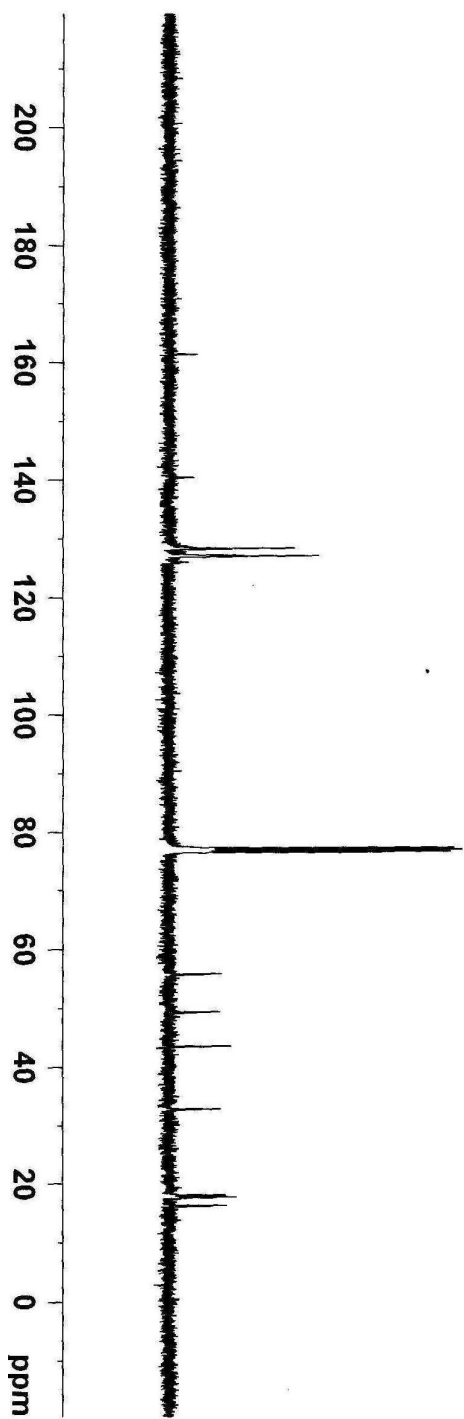












161.4

140.4

128.4

128.2

127.3

127.1

127.0

77.36

77.23

77.05

76.91

76.73

76.55

55.85

49.44

43.64

32.95

18.13

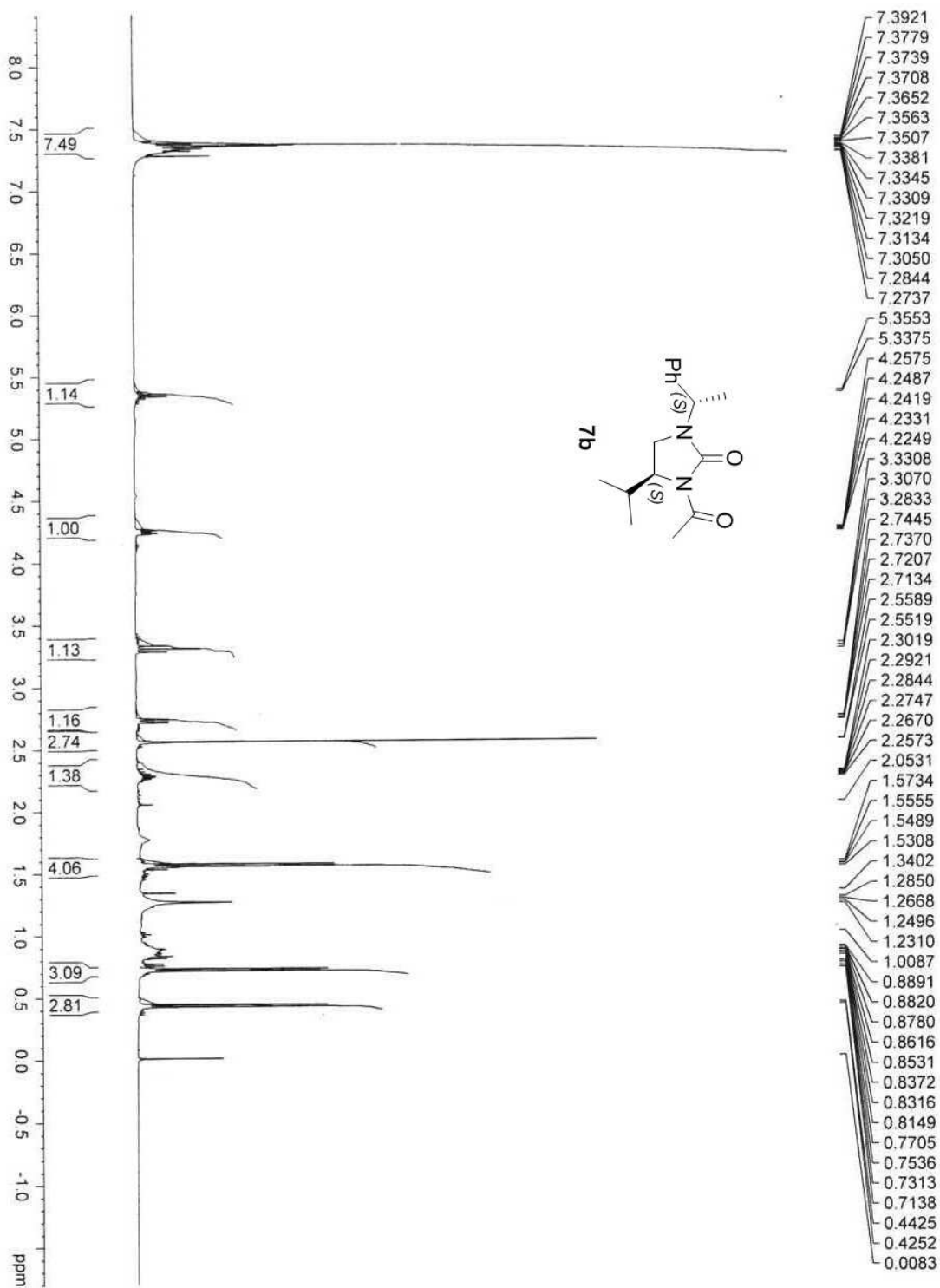
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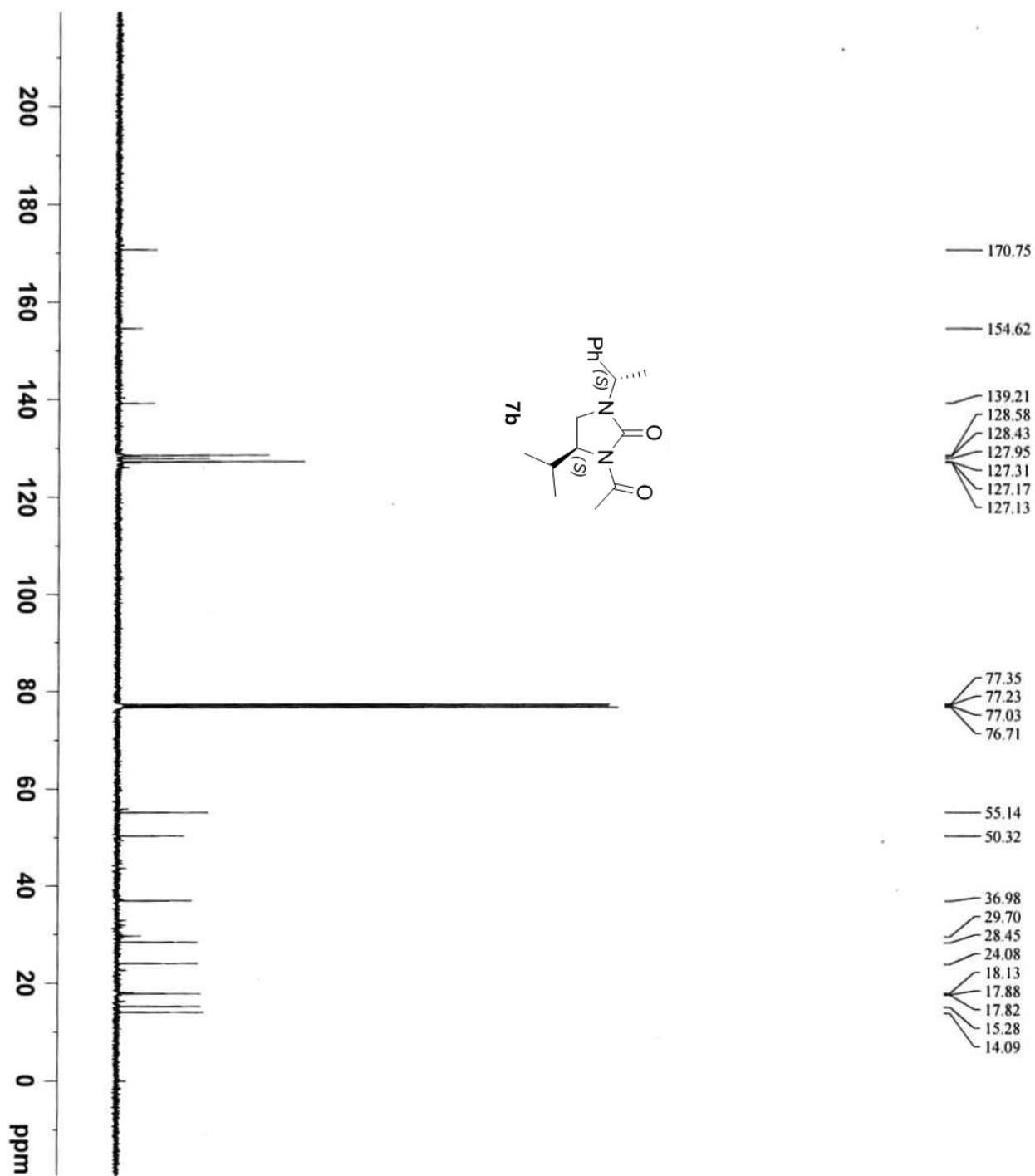
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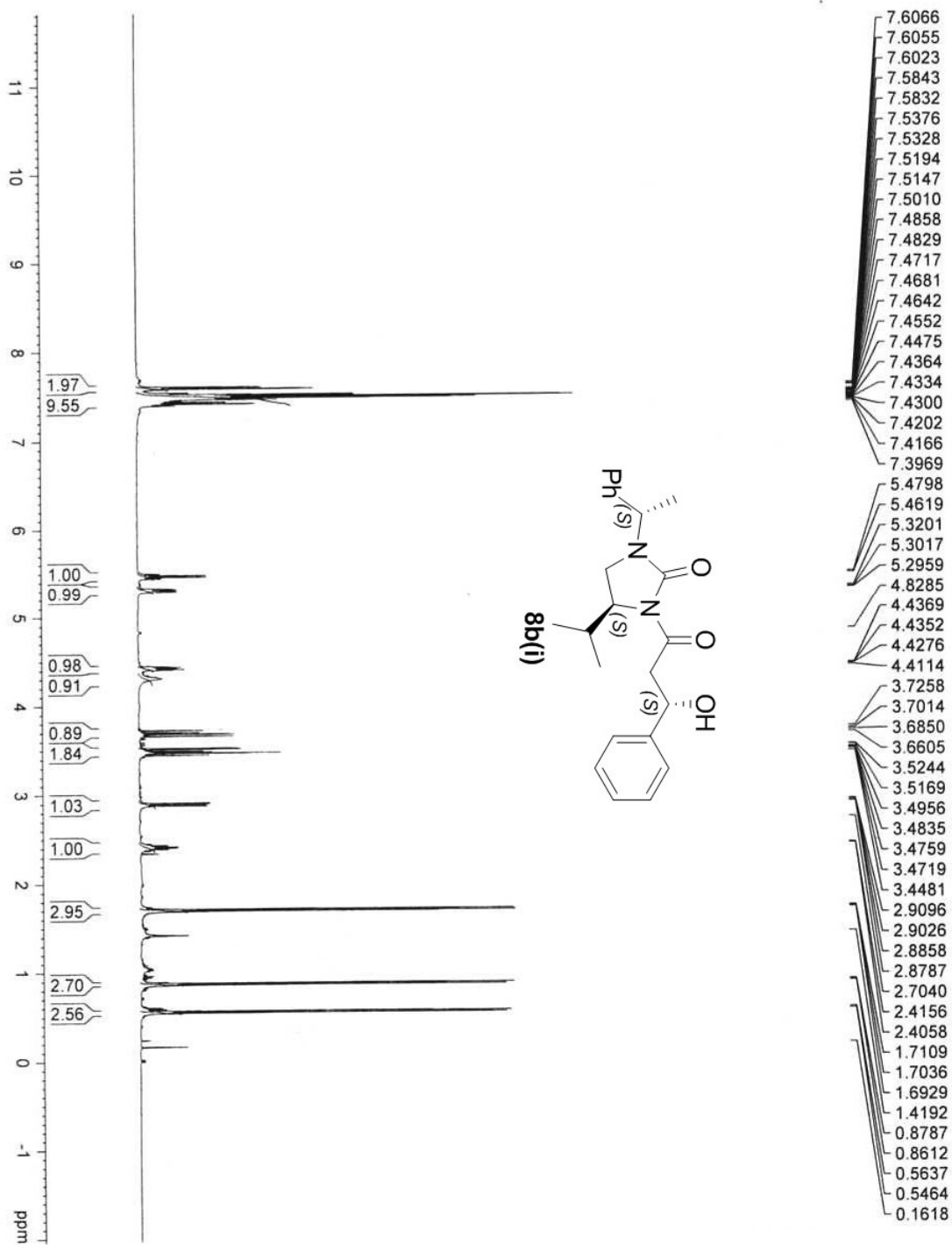
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16.35

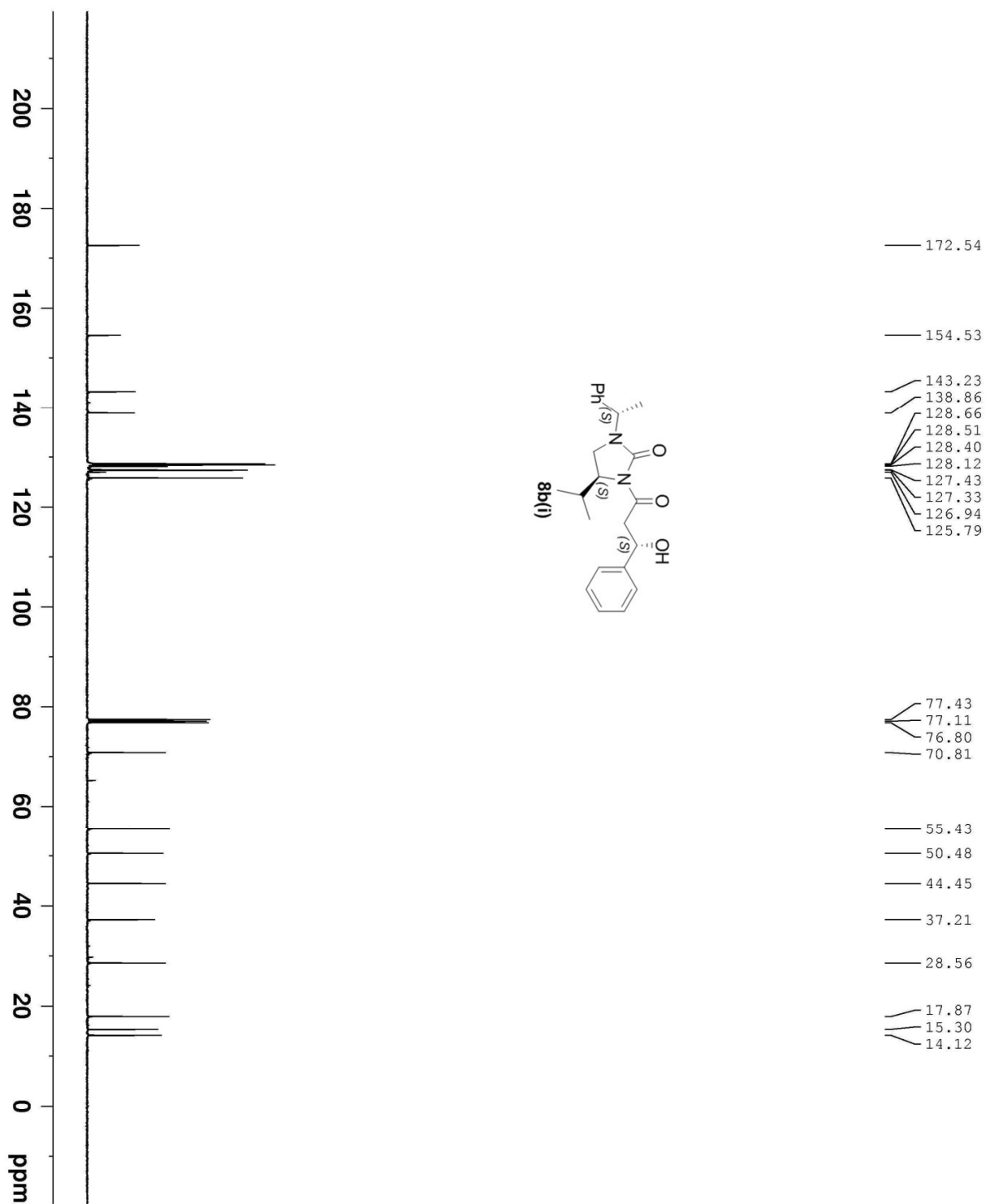
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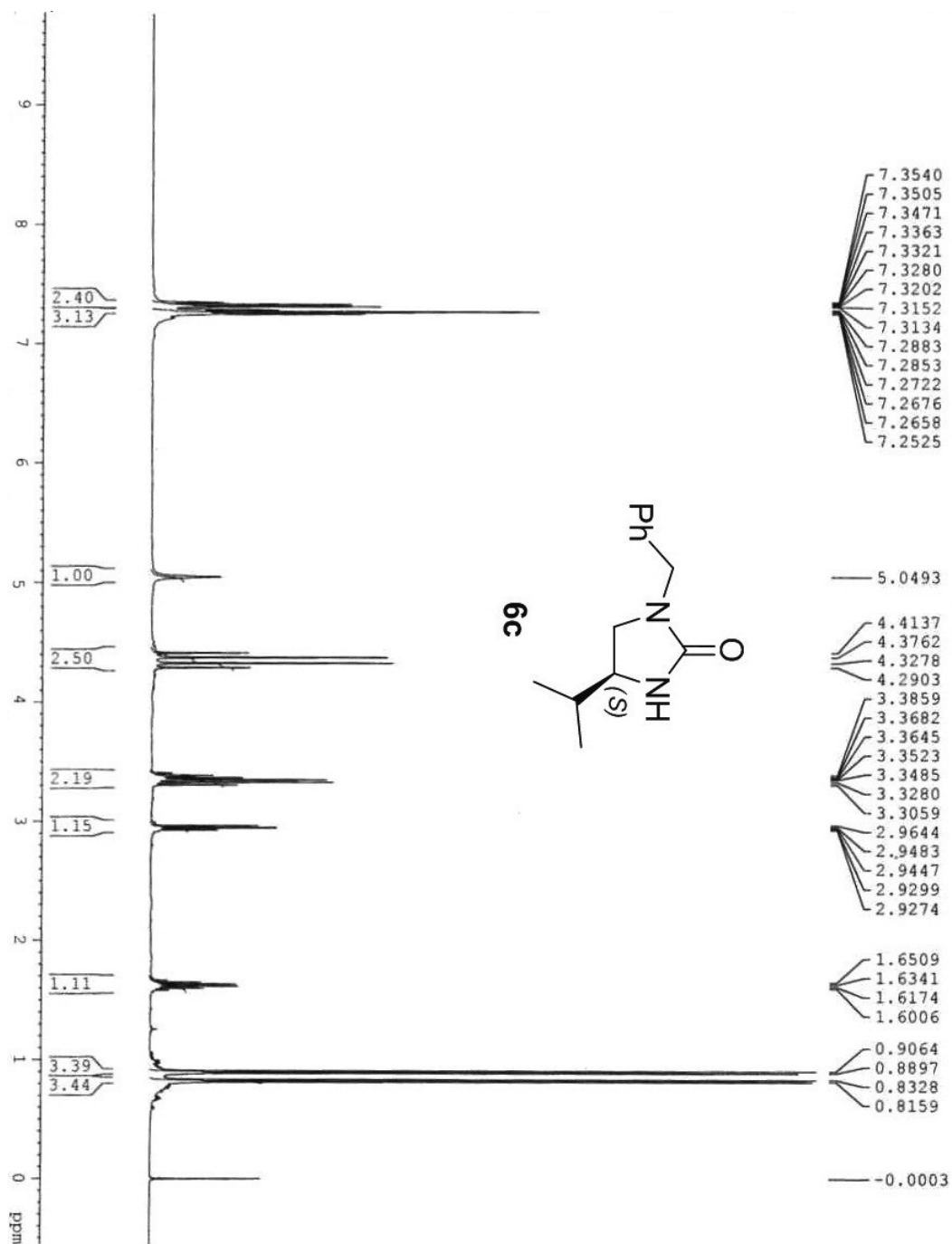


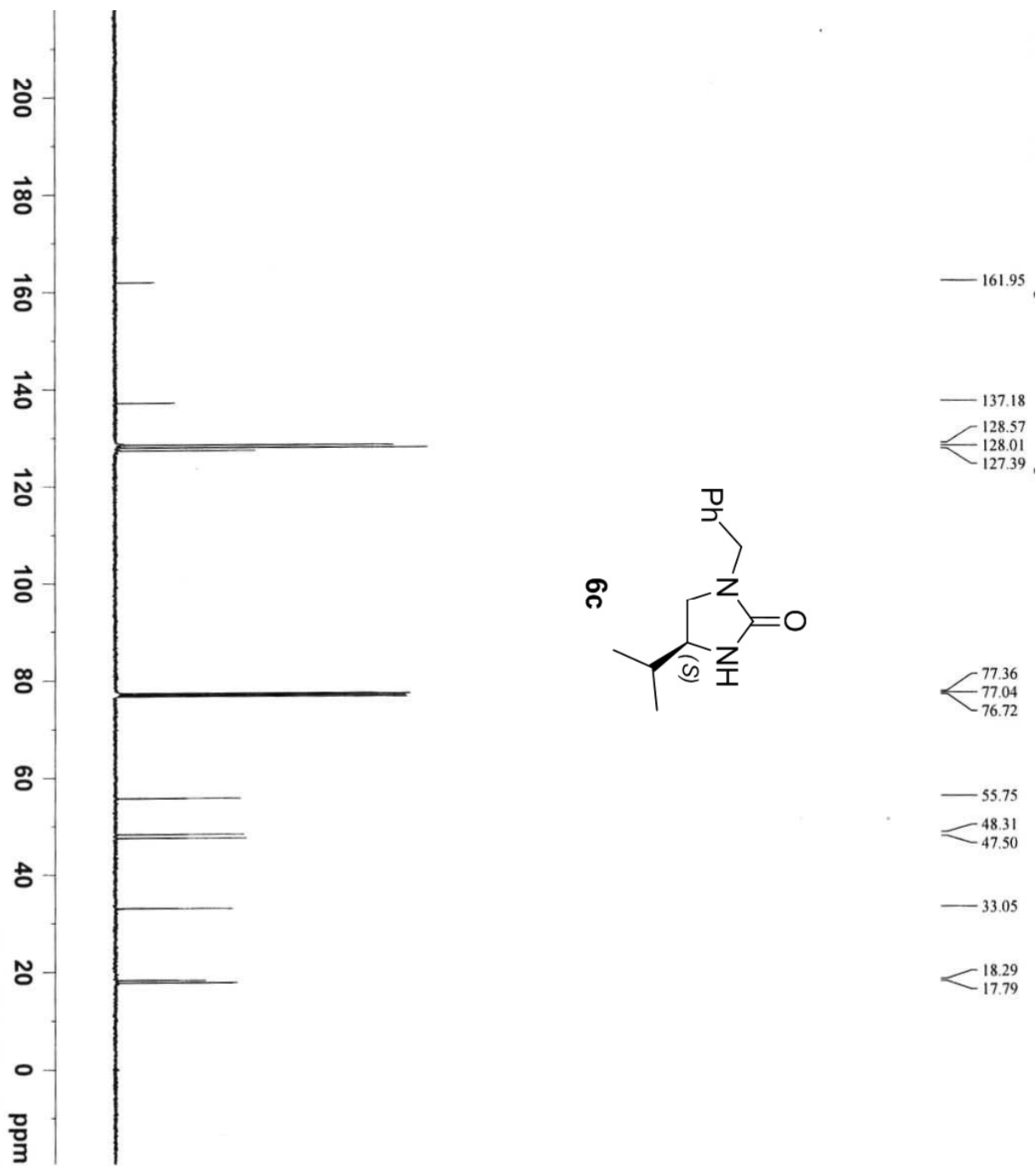


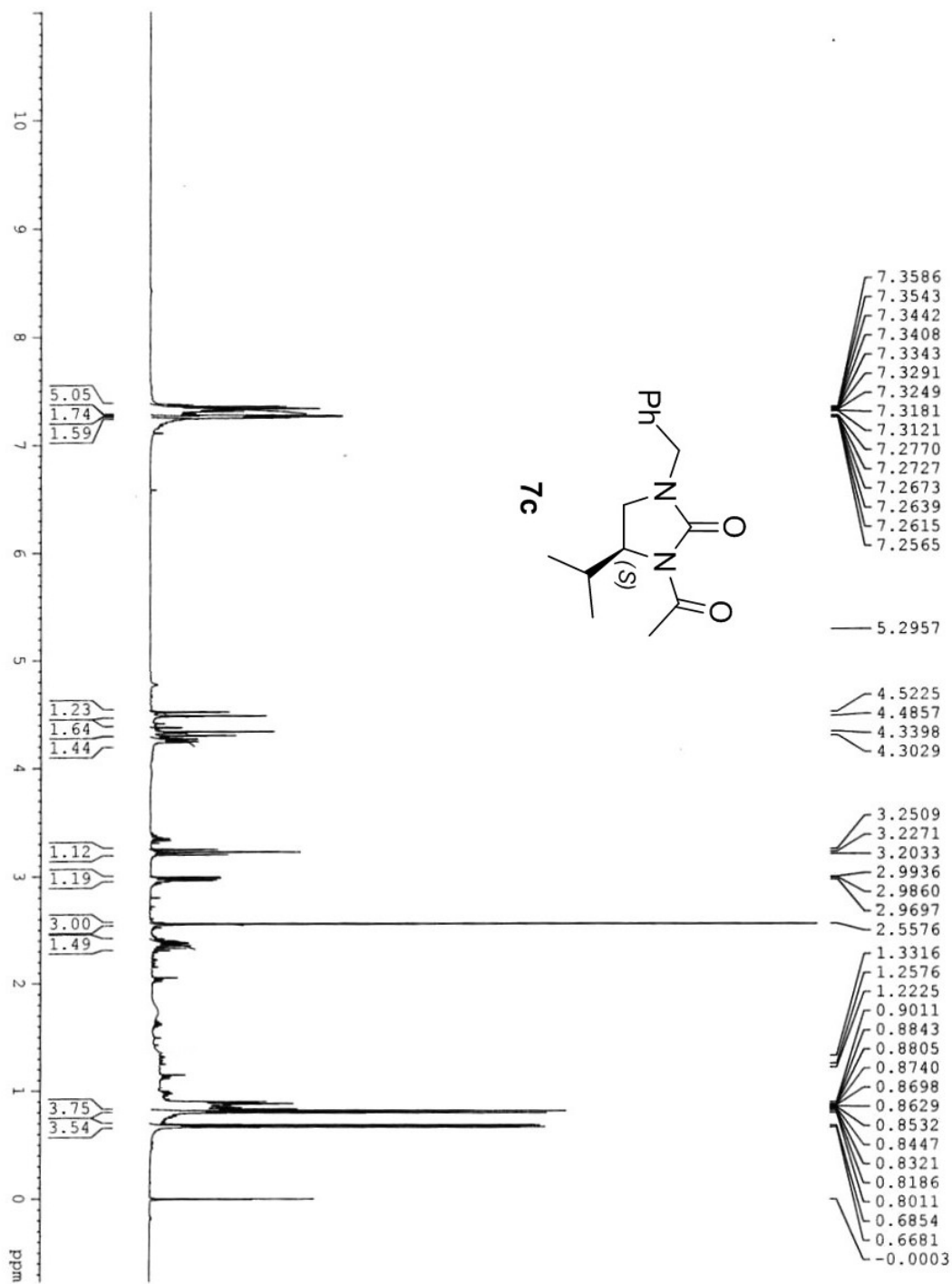


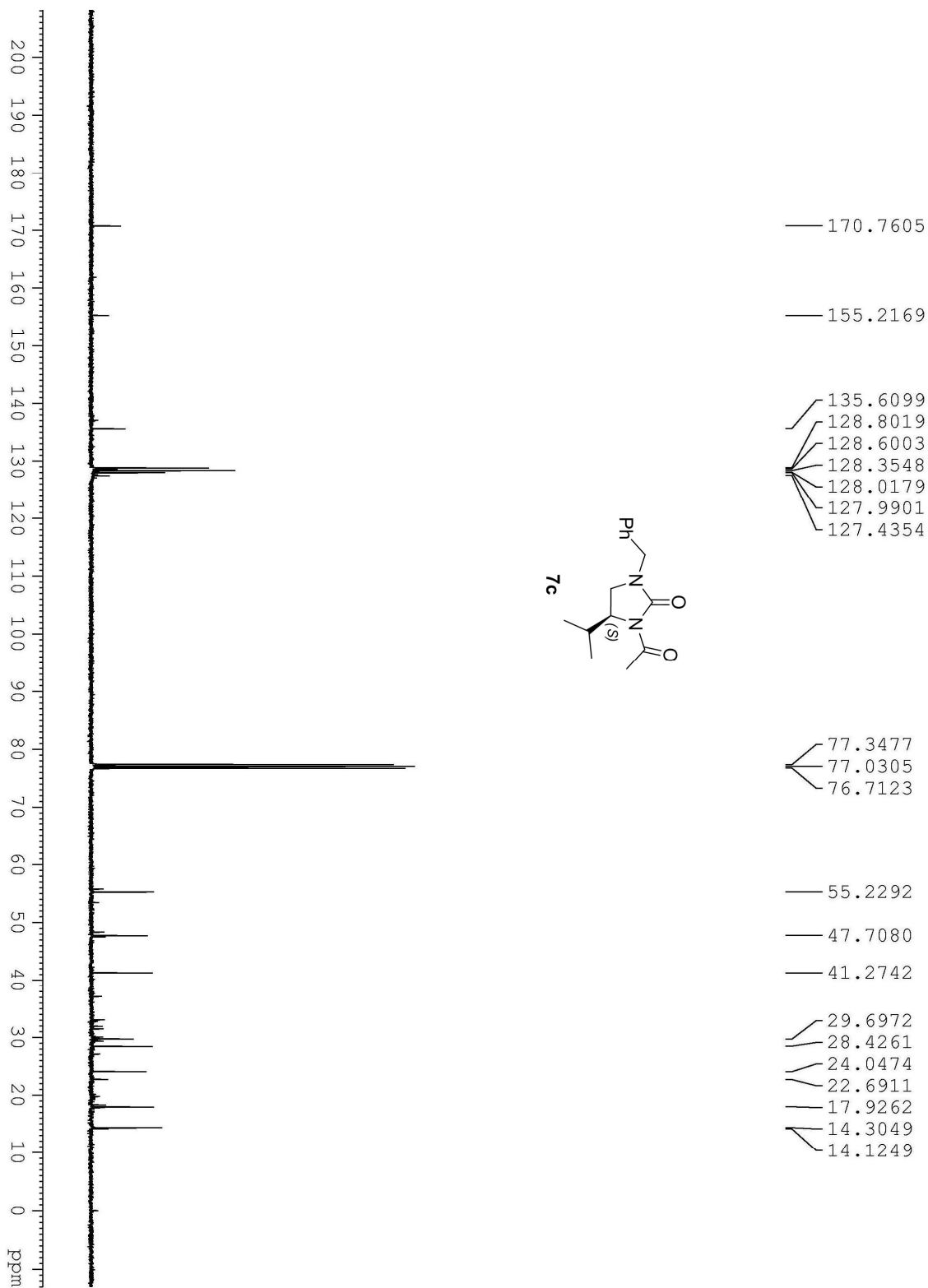


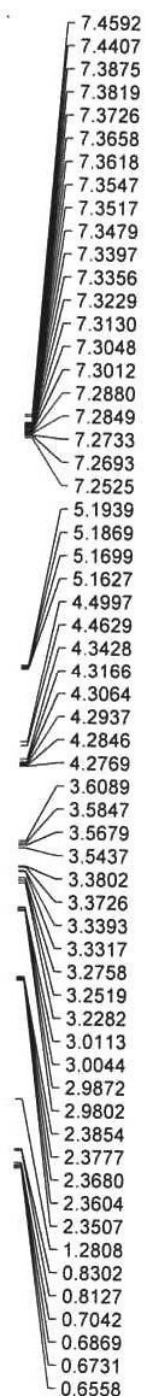
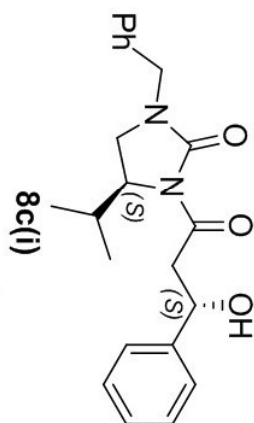
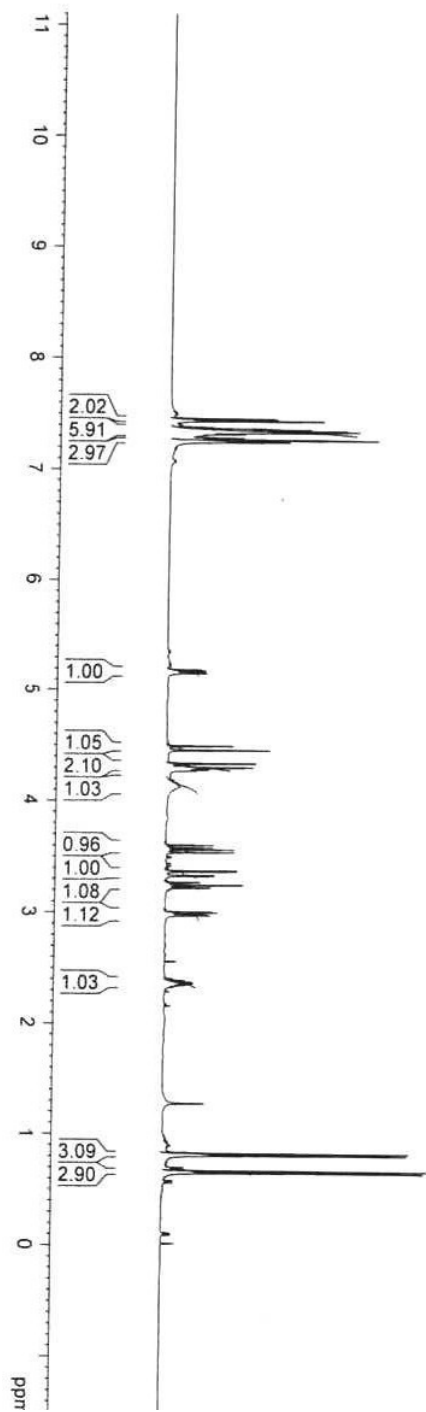


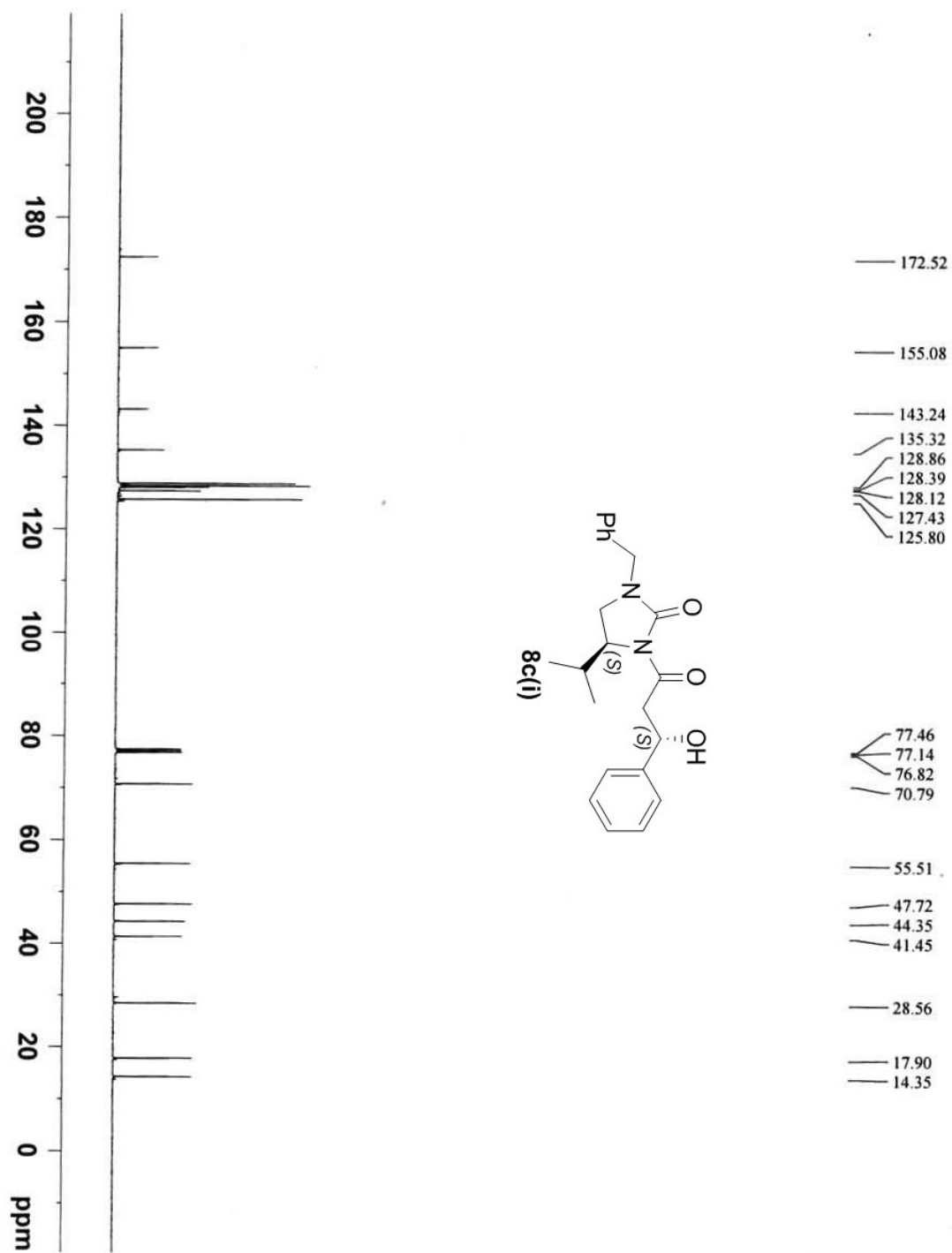


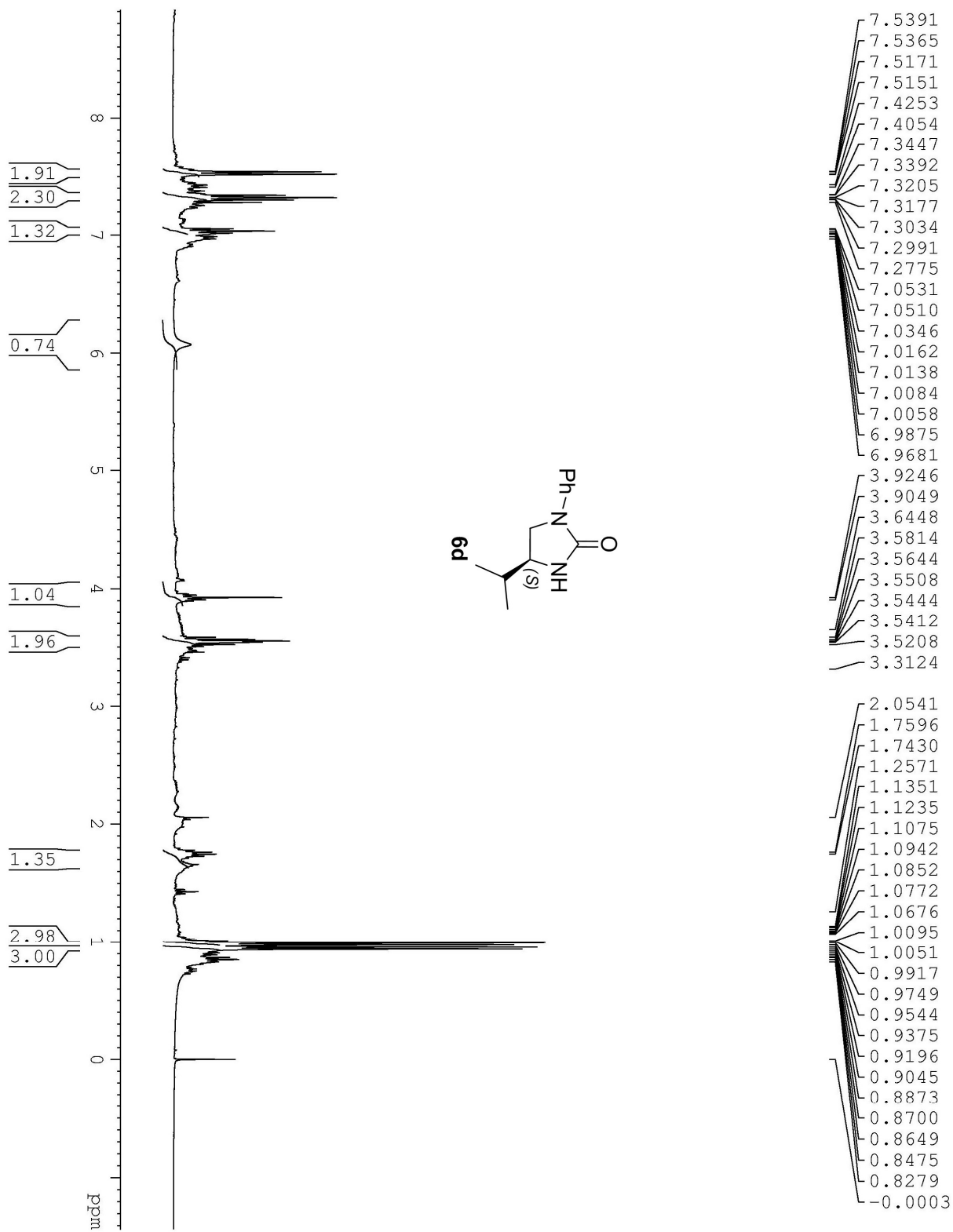




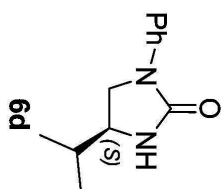
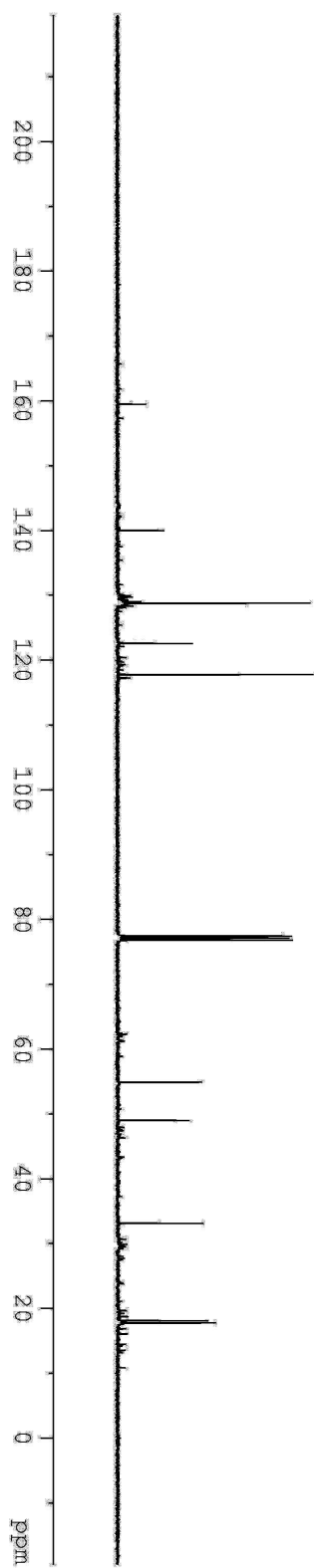












159.4719

140.0148

129.0307

123.6223

117.7759

77.4553  
77.1872  
76.8192

54.8781

49.0167

33.1276

18.0917  
17.7477

