

A Simple Synthesis of *N*-Perfluoroacylated and *N*-Acylated Glycals of Neuraminic Acid with a Cyclic Aminic Substituent at 4 α Position as Possible Inhibitors of Sialidases.

*Paola Rota**, *Pietro Allevi*, *Irene S. Agnolin*, *Roberto Mattina*, *Nadia Papini* and *Mario Anastasia*

Department of Medical Chemistry, Biochemistry and Biotechnology
University of Milan. Via Saldini 50-I-20133-Milano (Italy)

Fax: (+39) 0250316040

E-mail: paola.rota@unimi.it

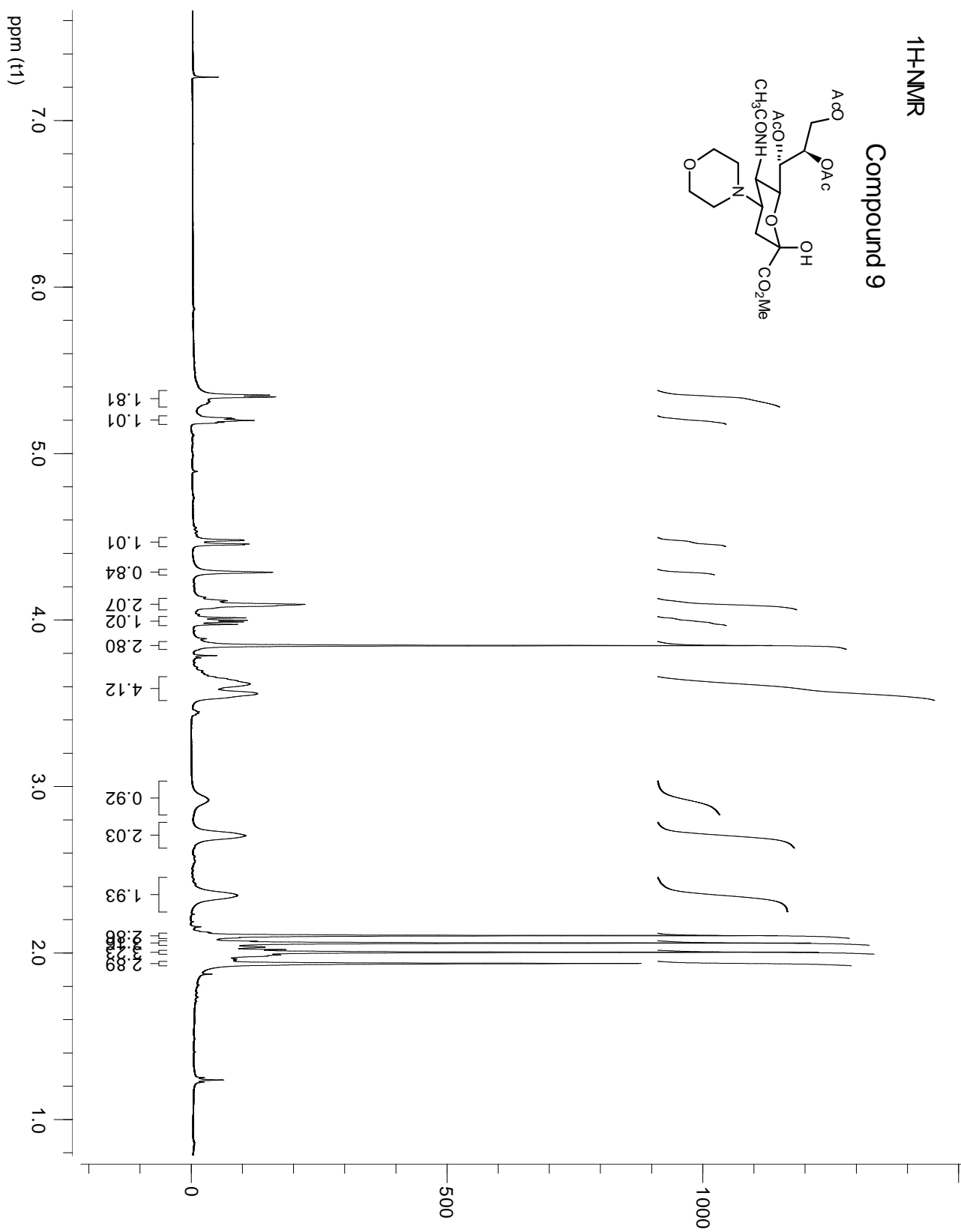
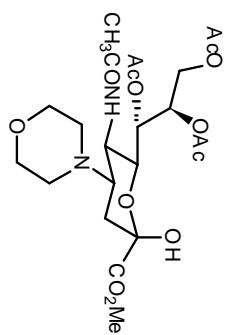
Supporting Information

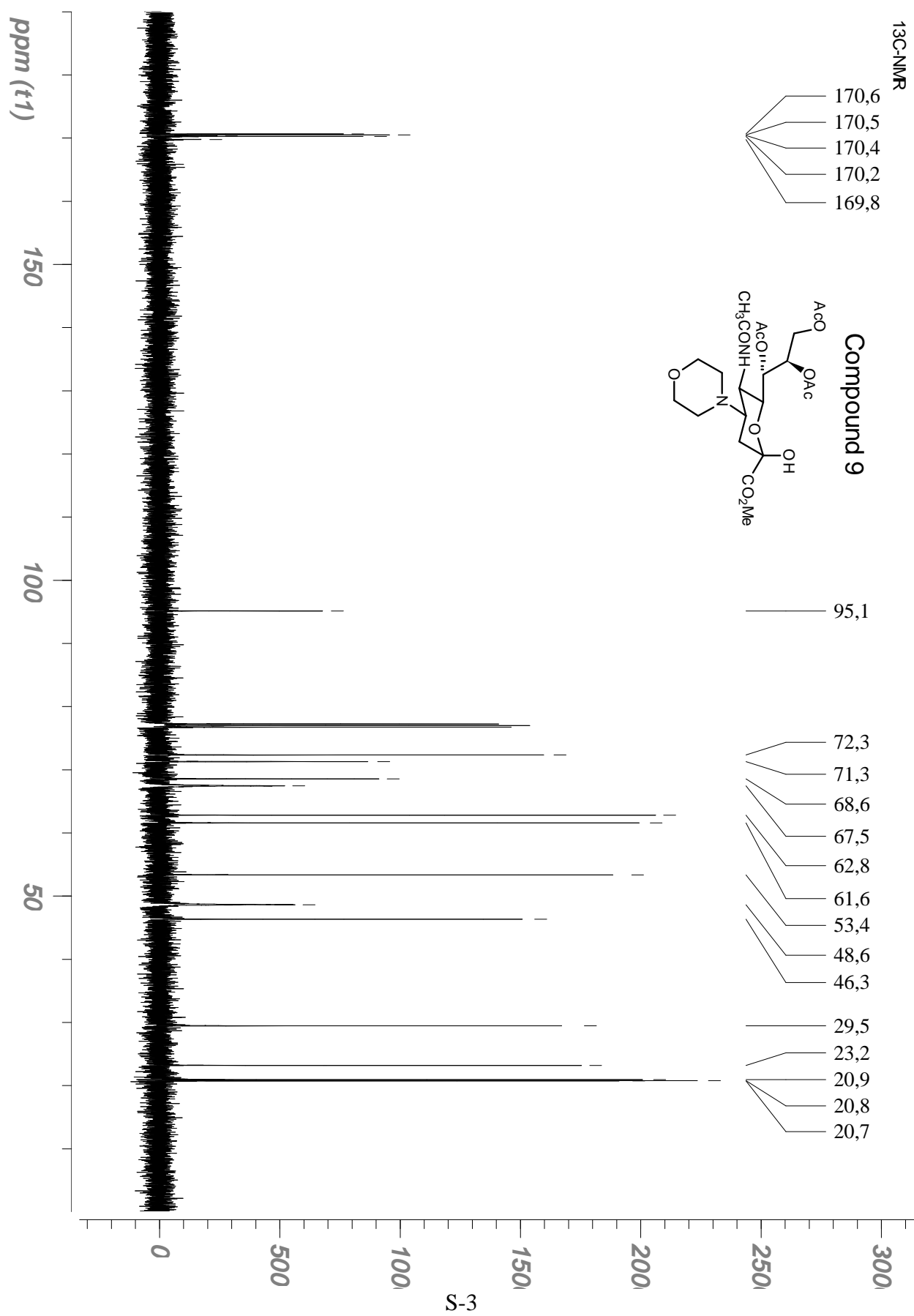
¹H/¹³C-NMR spectra for compounds **9**, **10**, **11,12**, **13a-c**, **14a-c**, **16a-c**, **17a-c**,
6a-d, **7a-d**.

S-2- S-49

¹H NMR

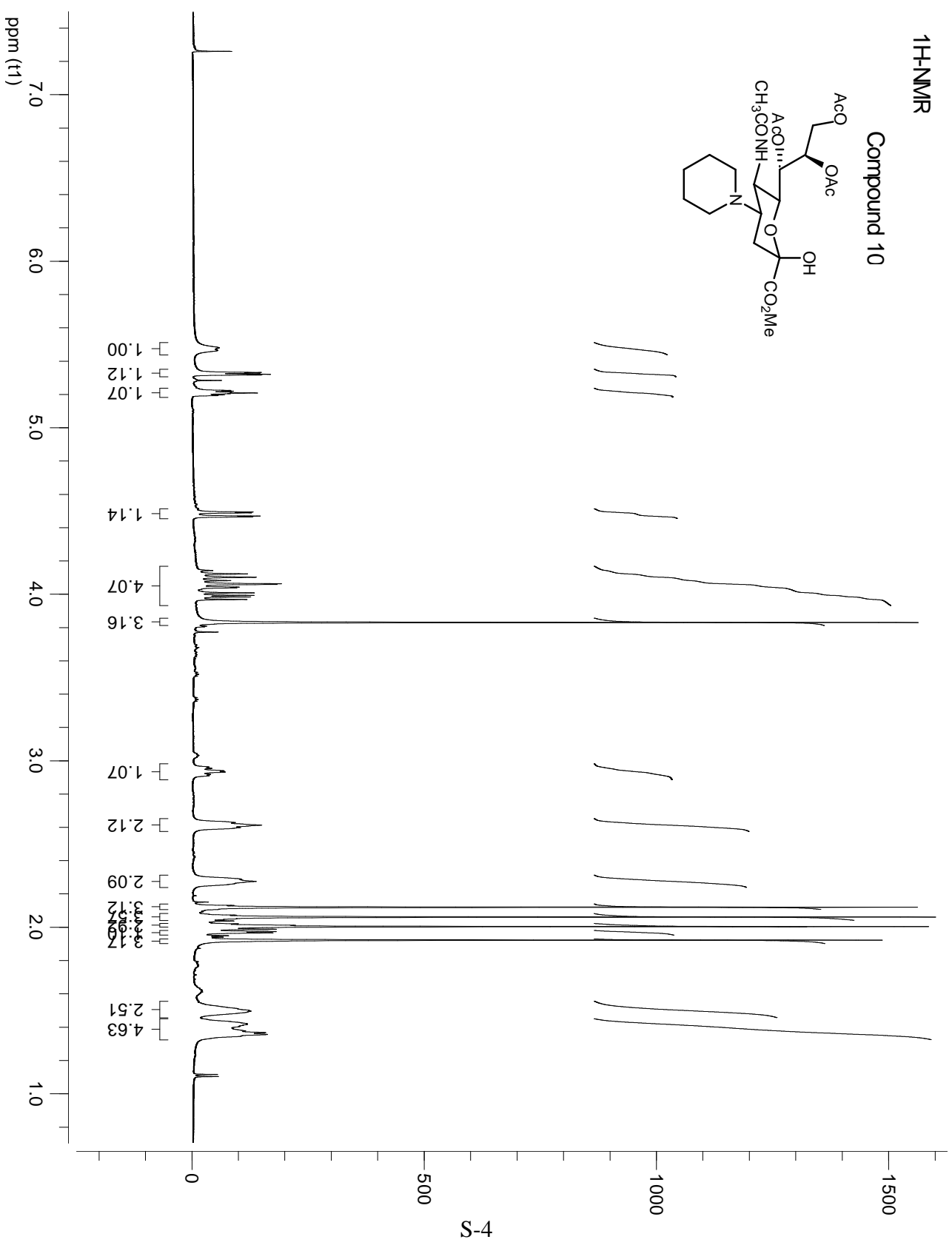
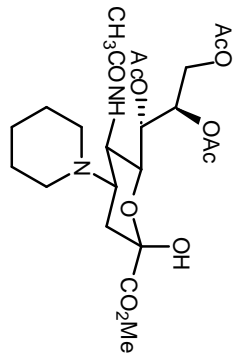
Compound 9

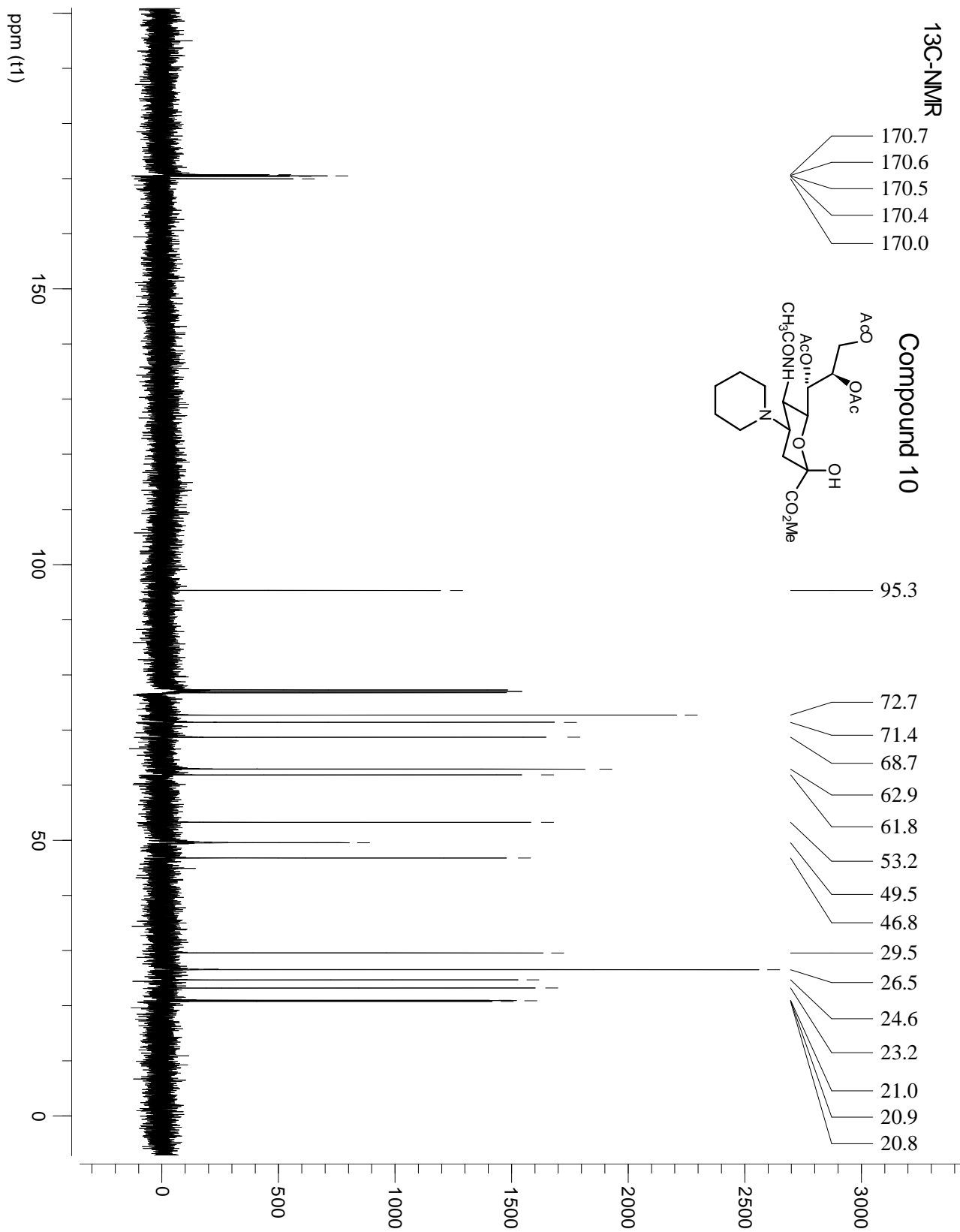


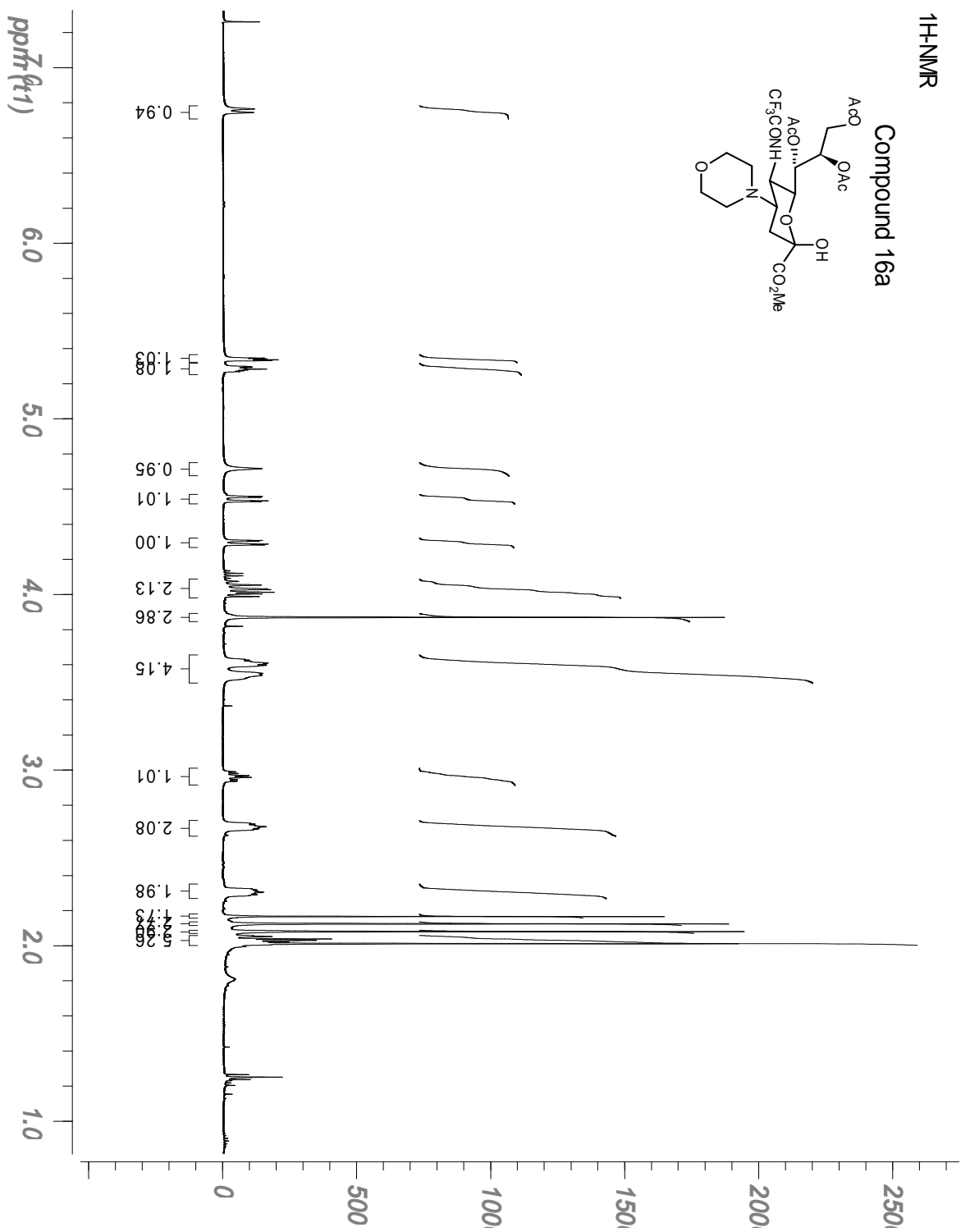


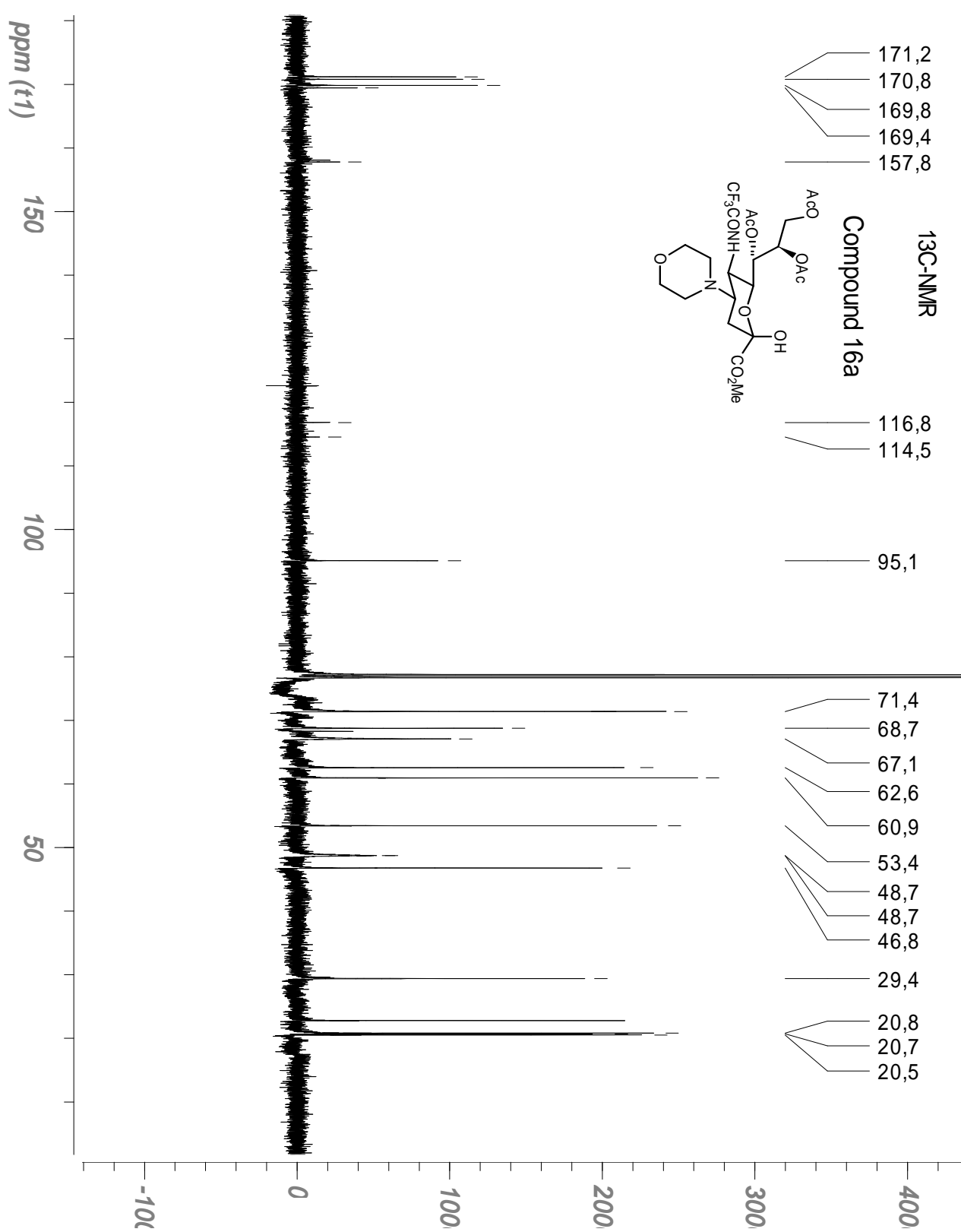
¹H-NMR

Compound 10



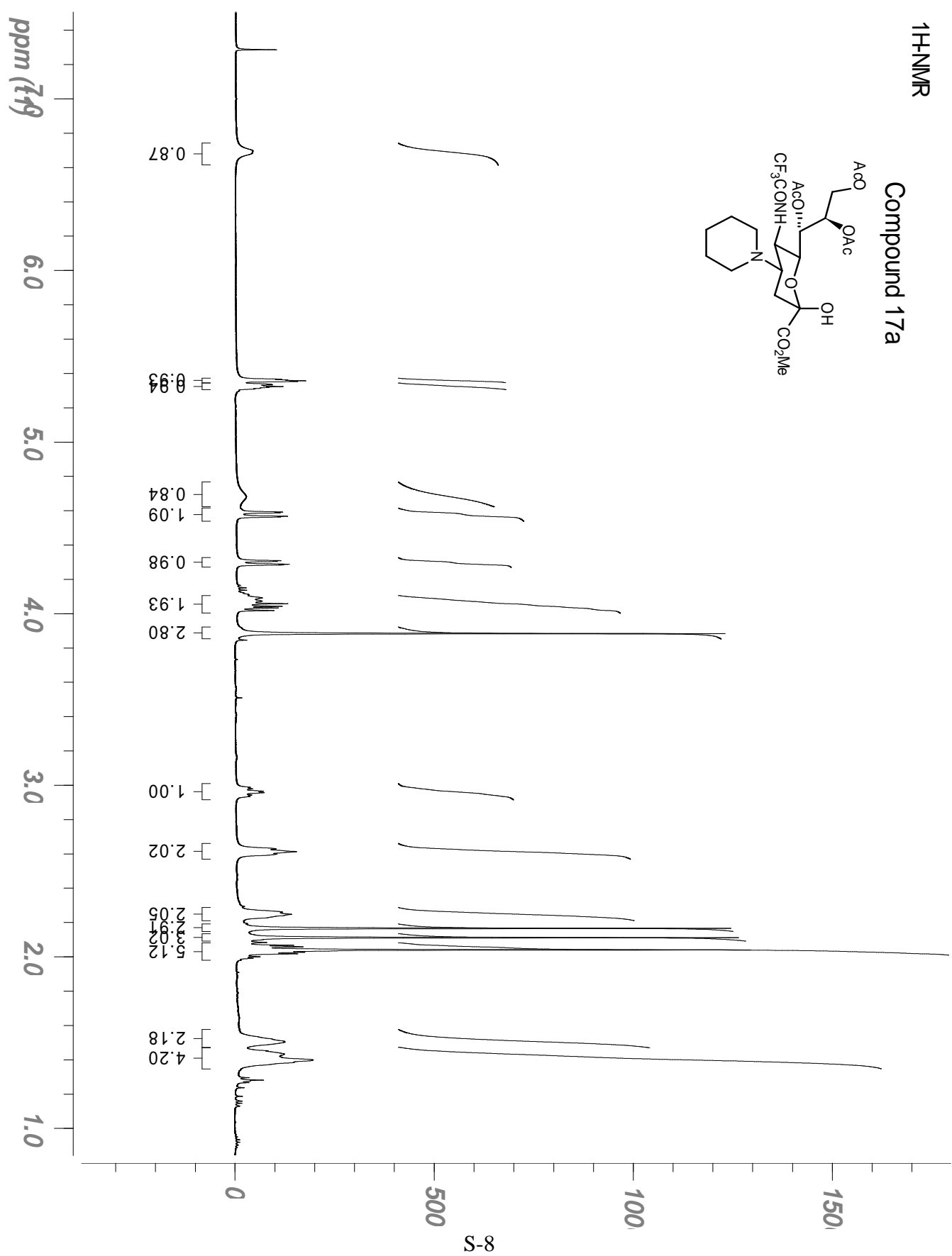
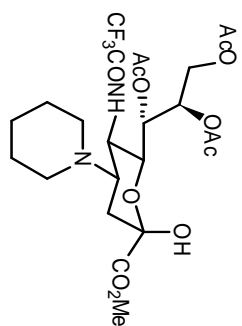






¹H-NMR

Compound 17a



¹³C-NMR

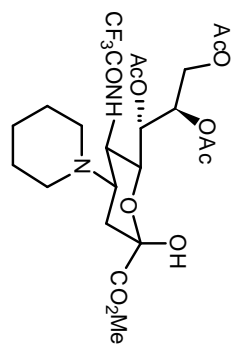
171,3
170,9
170,0
169,8
158,1
157,8

Compound 17a

117,0
114,7
106,9
95,4

72,0
71,7
69,0
62,7
61,4
53,4
49,8
47,3

29,6
26,5
24,7
20,9
20,8
20,7



ppm (*t*1)

150

100

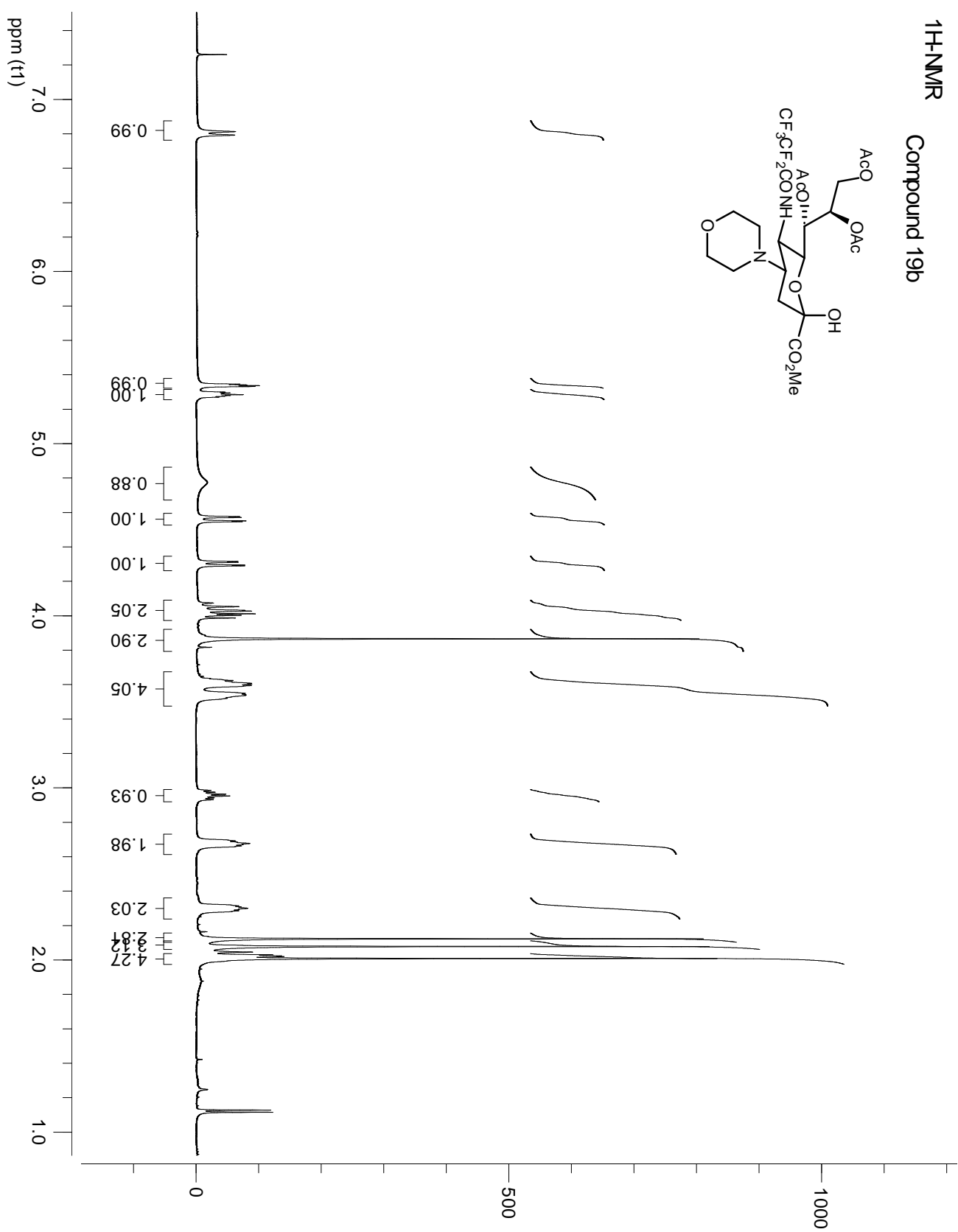
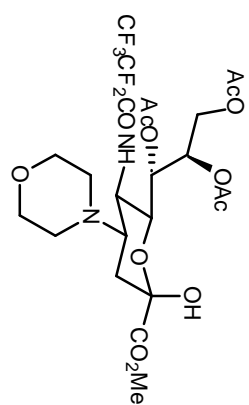
50

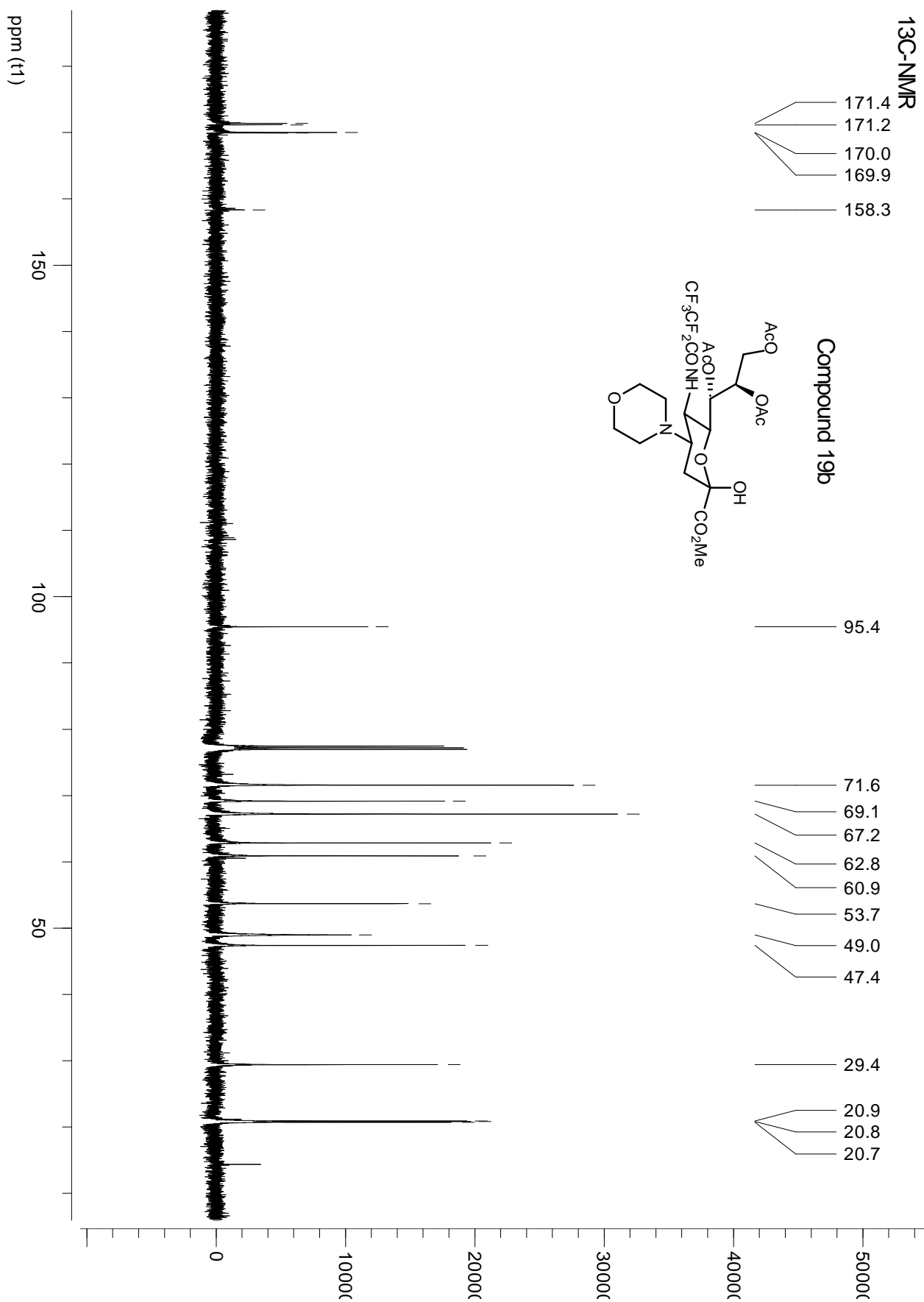
0

0

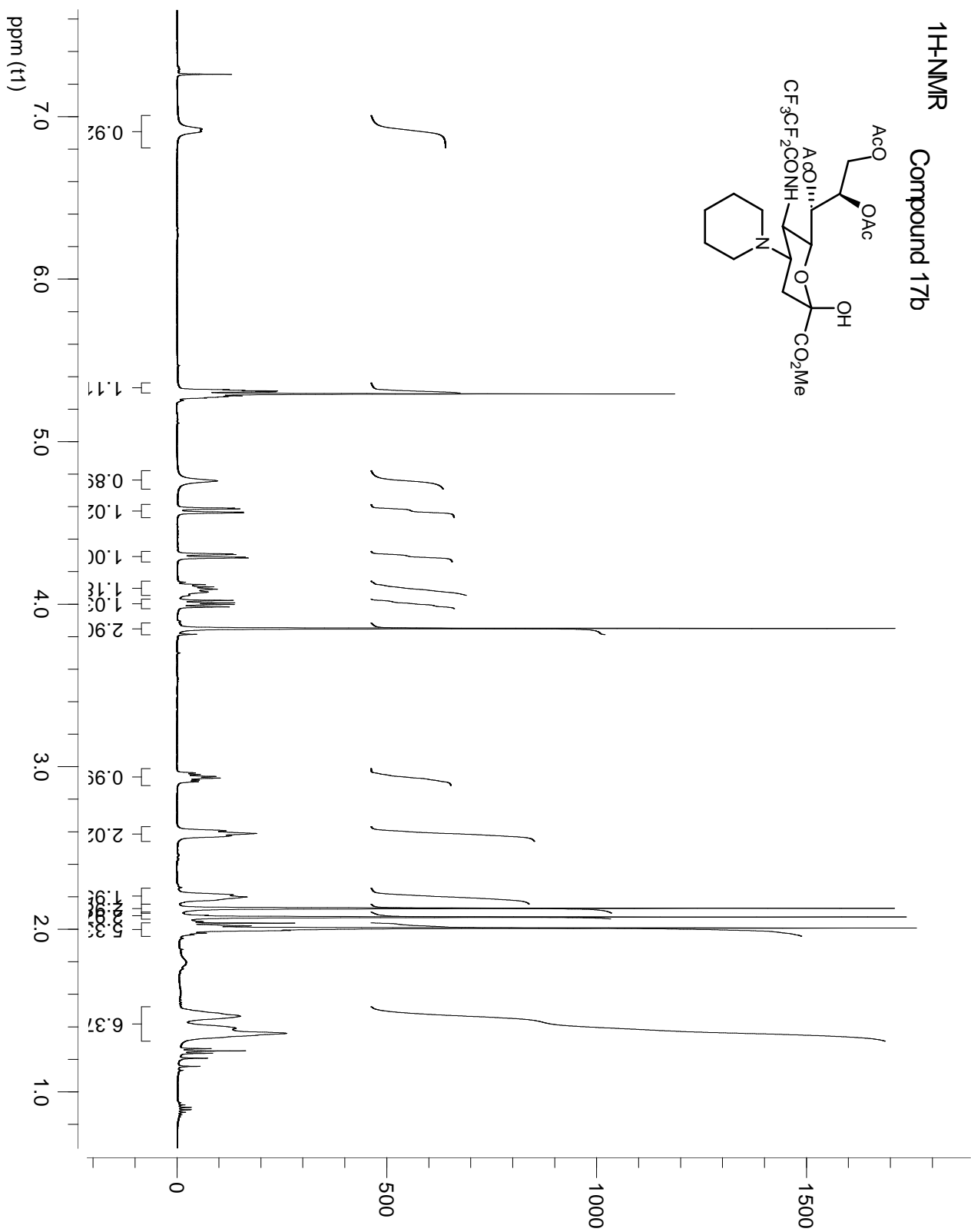
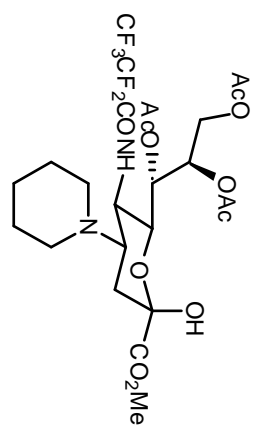
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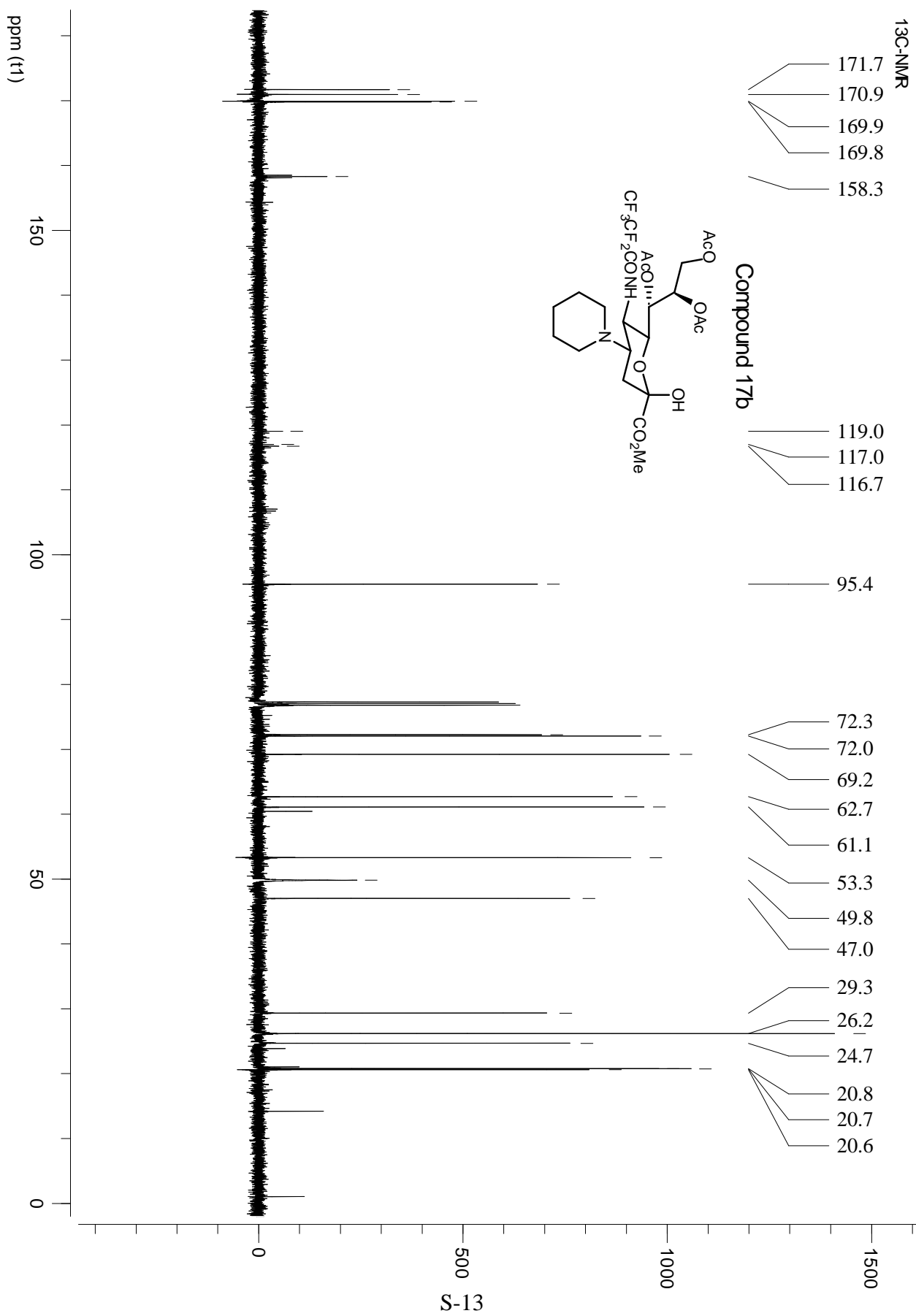
¹H-NMR
Compound 19b





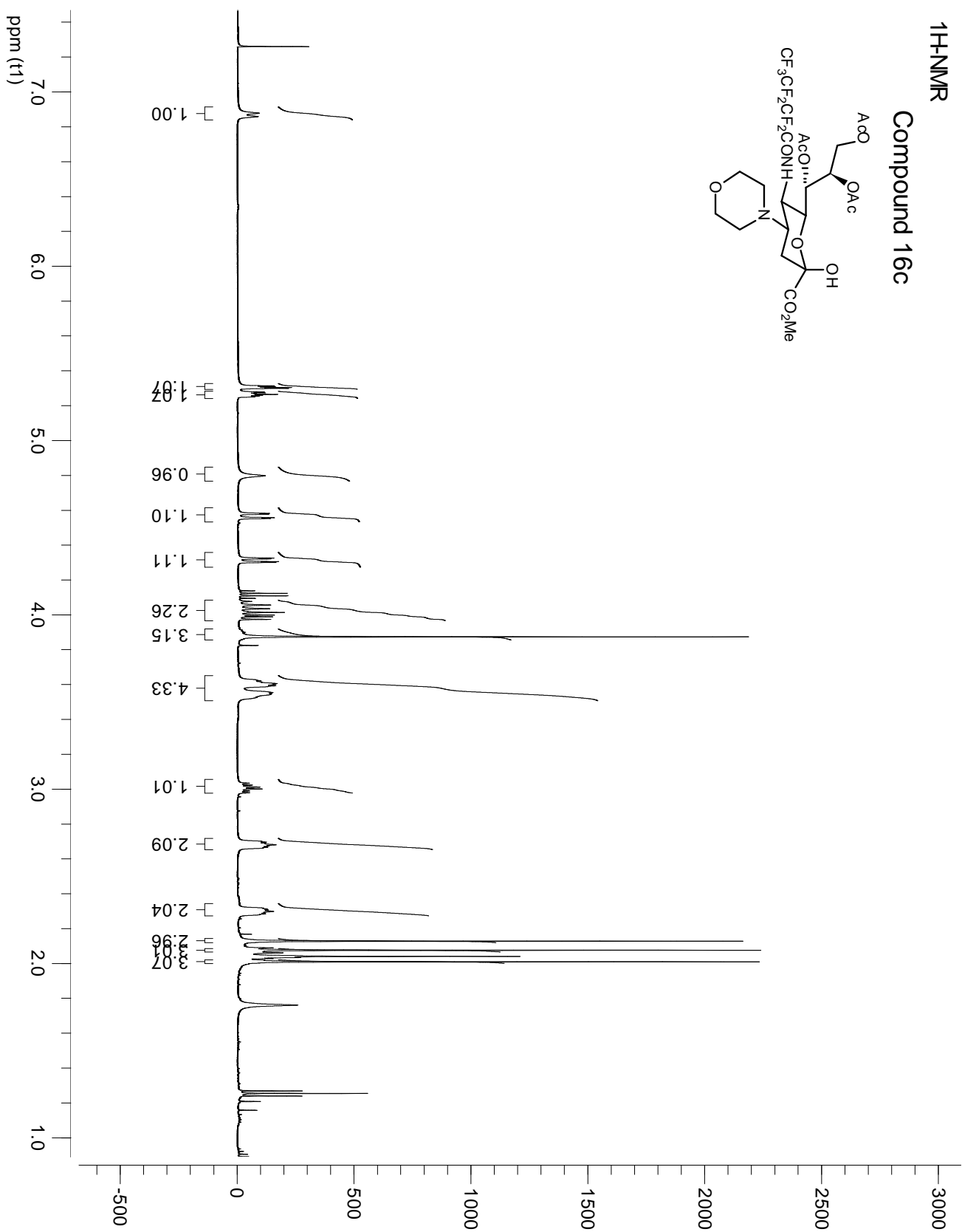
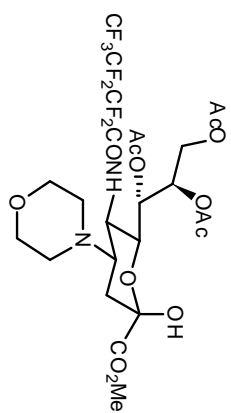
¹H-NMR
Compound 17b

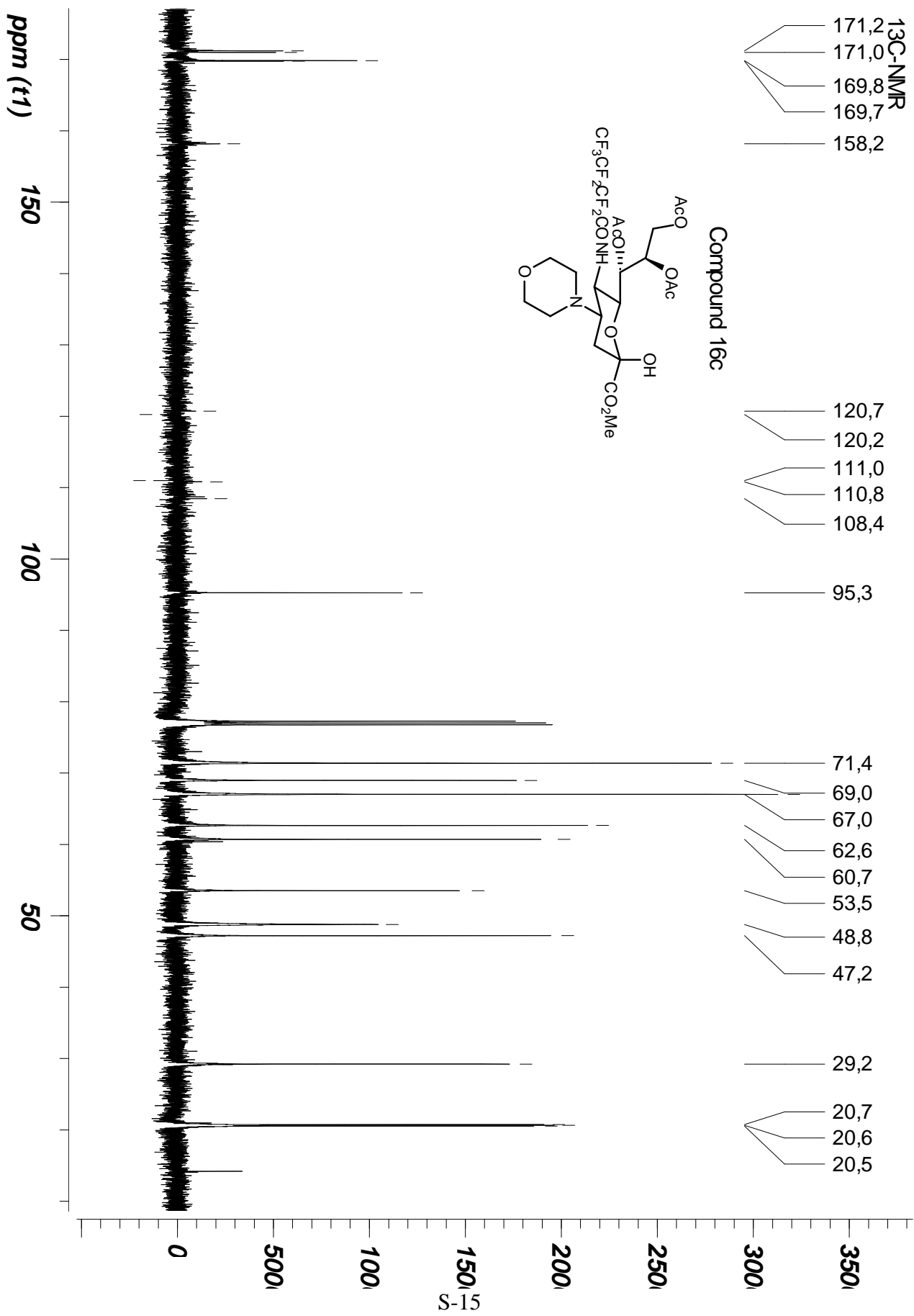




¹H-NMR

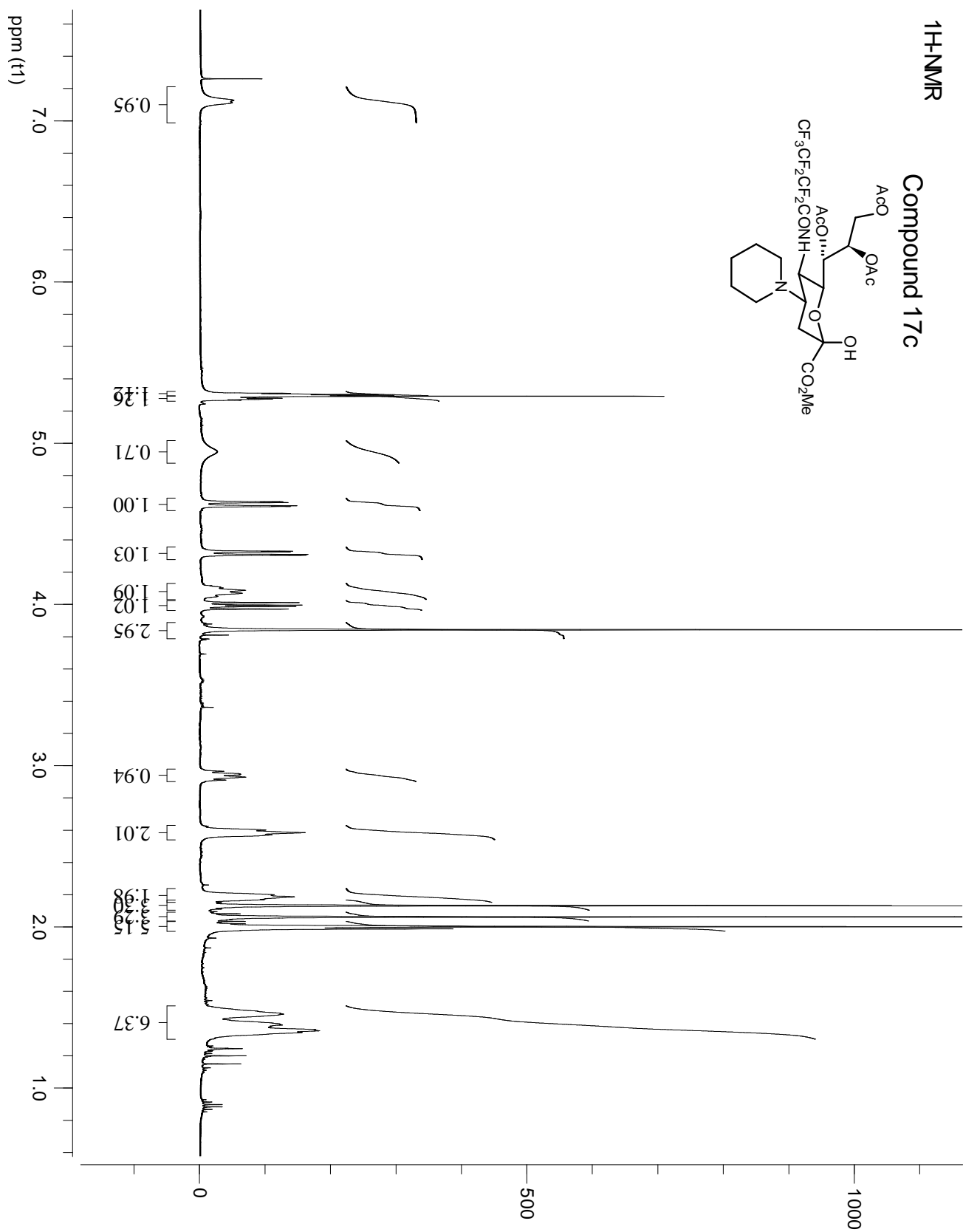
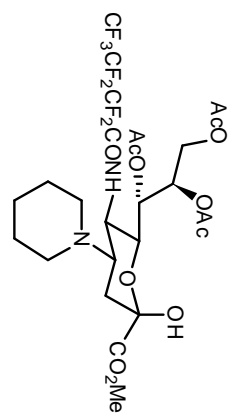
Compound 16c



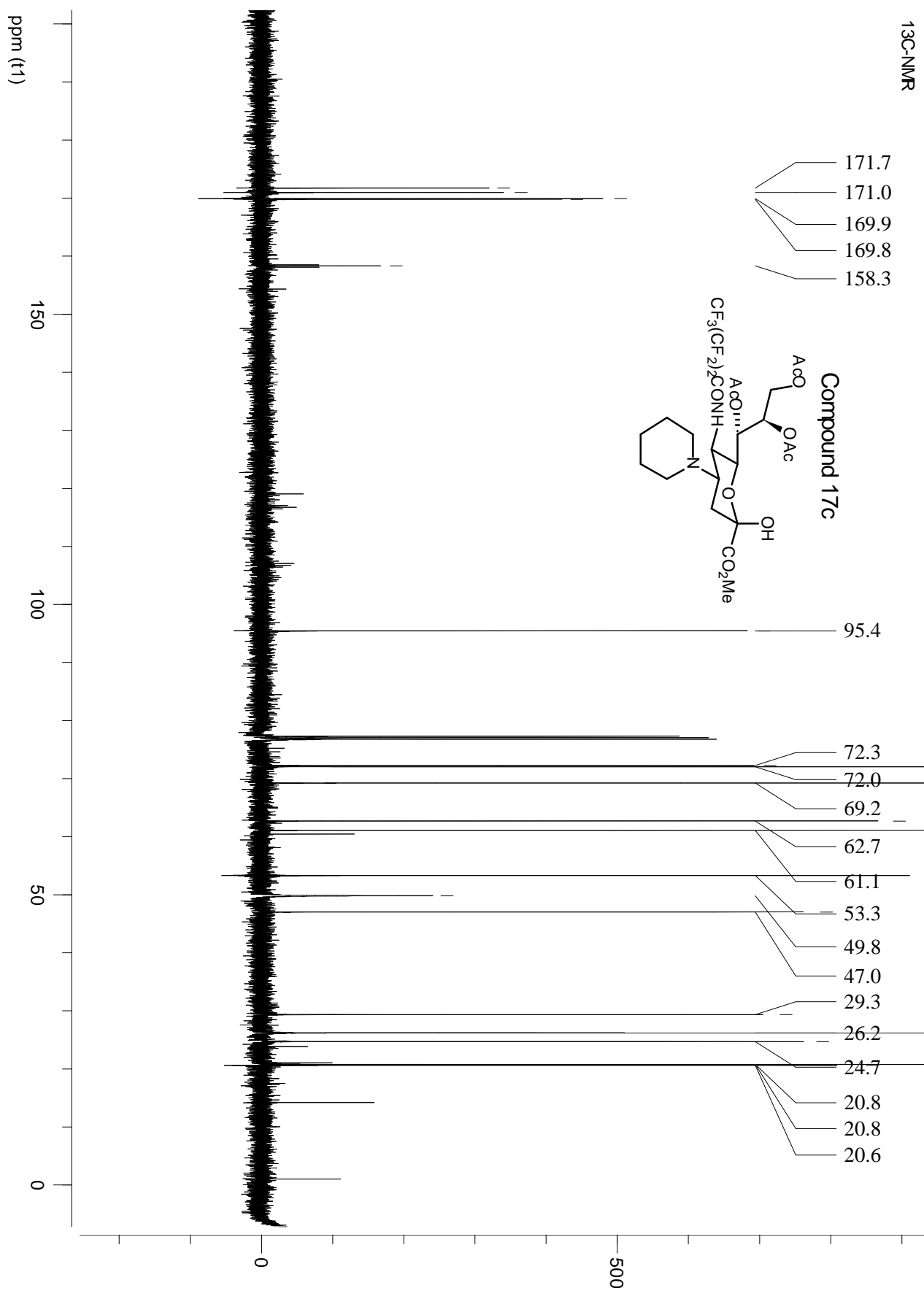


¹H-NMR

Compound 17c

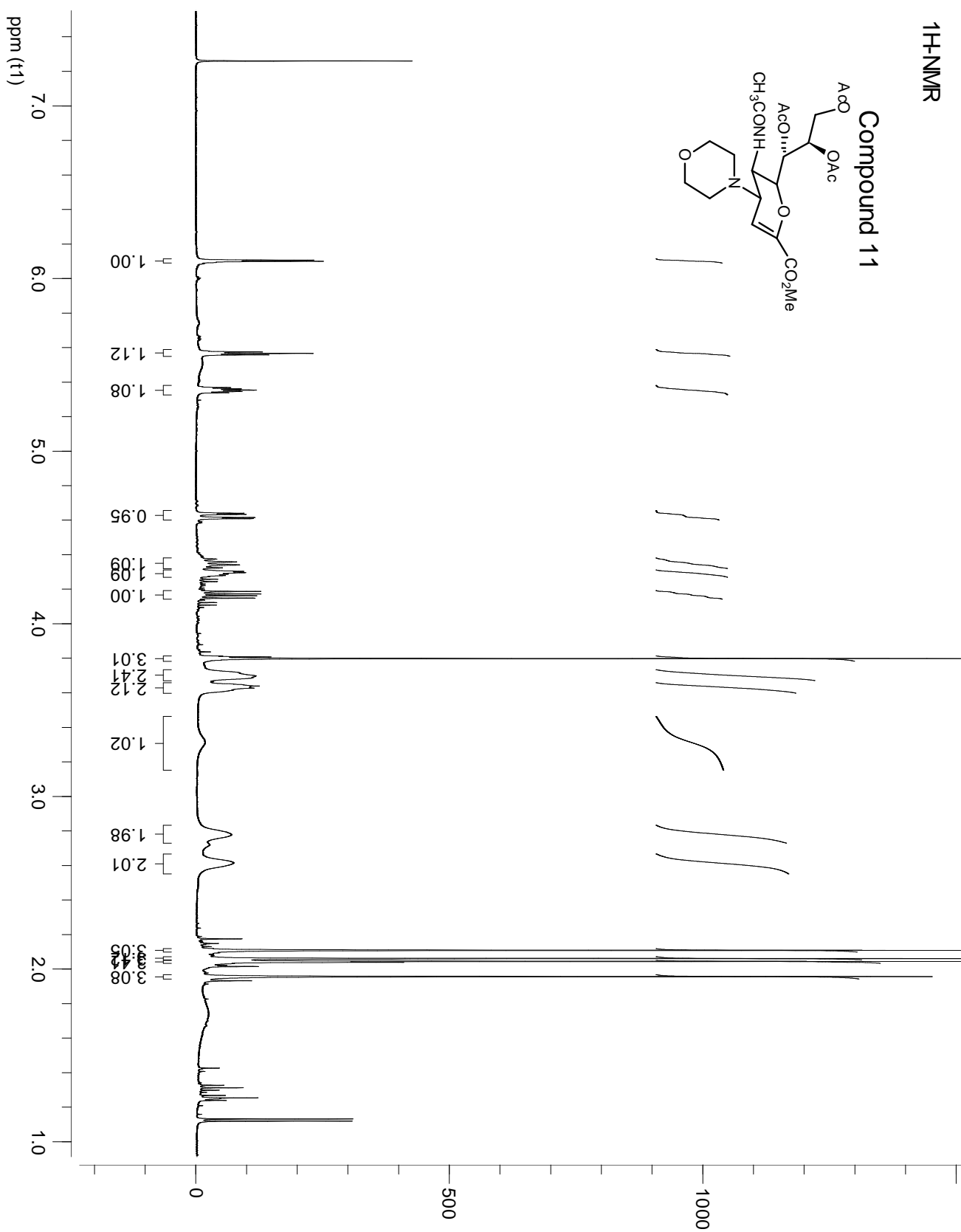
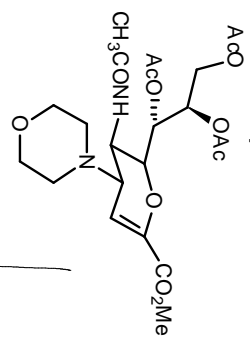


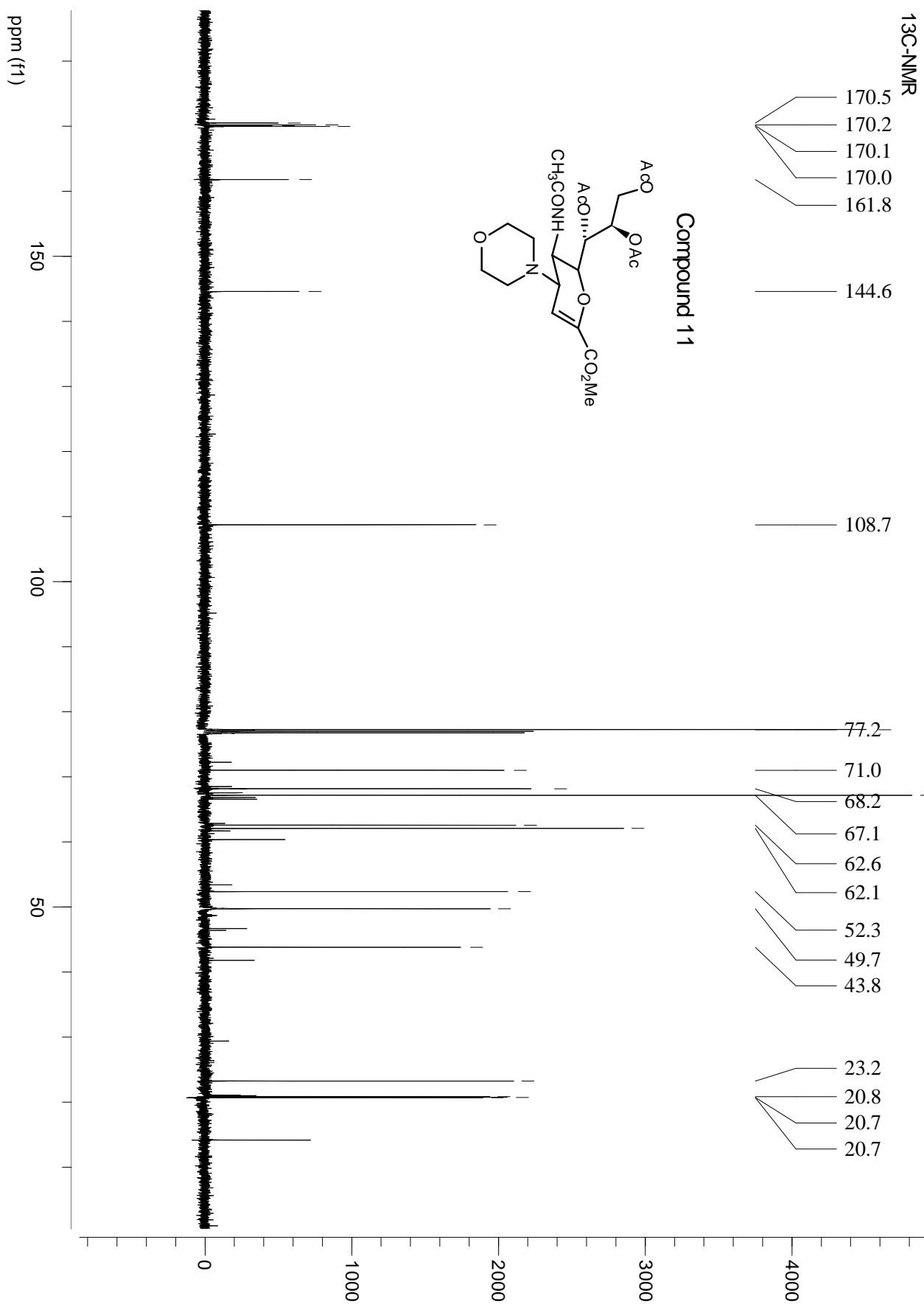
¹³C-NMR



¹H-NMR

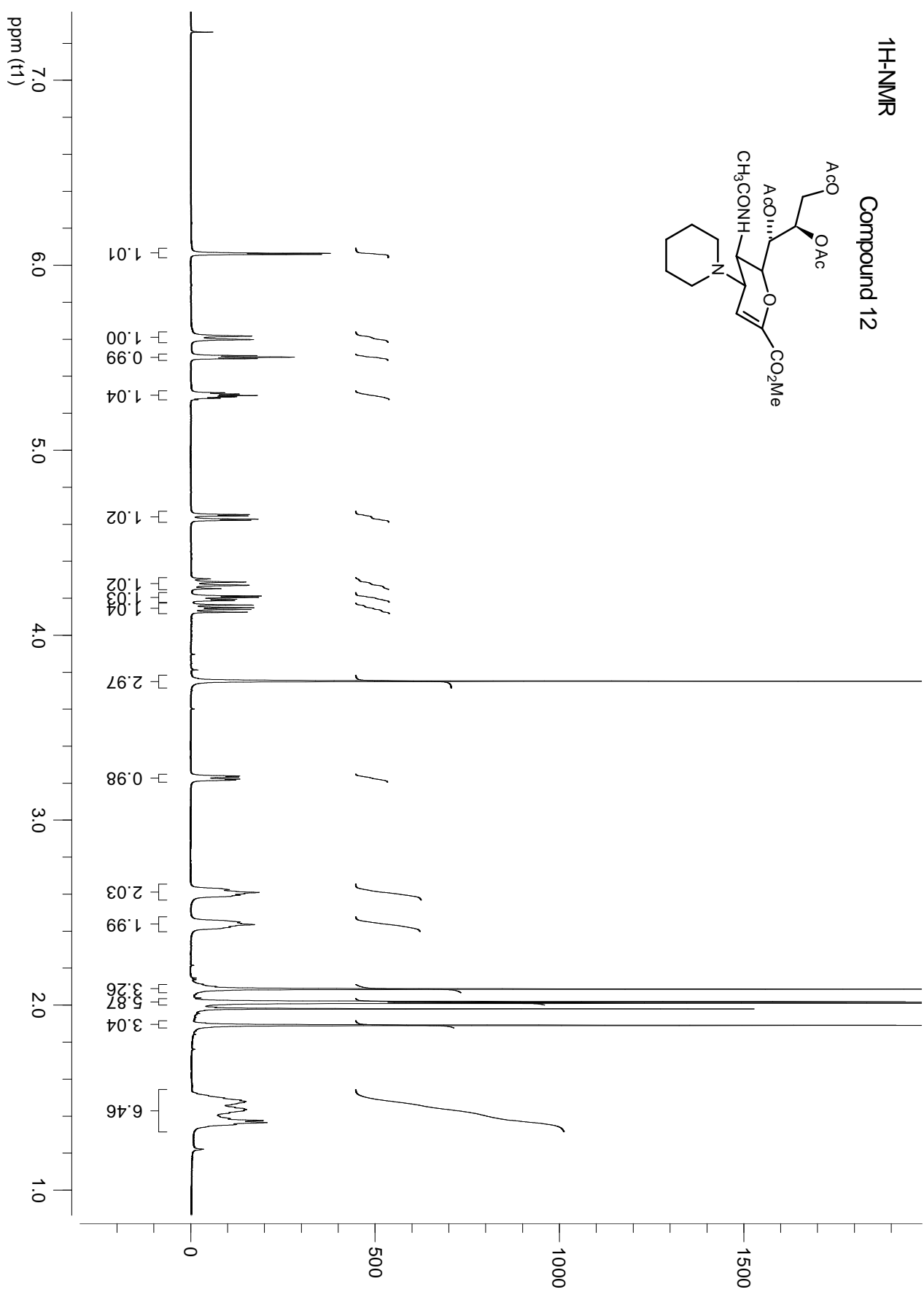
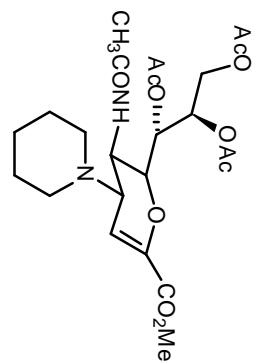
Compound 11

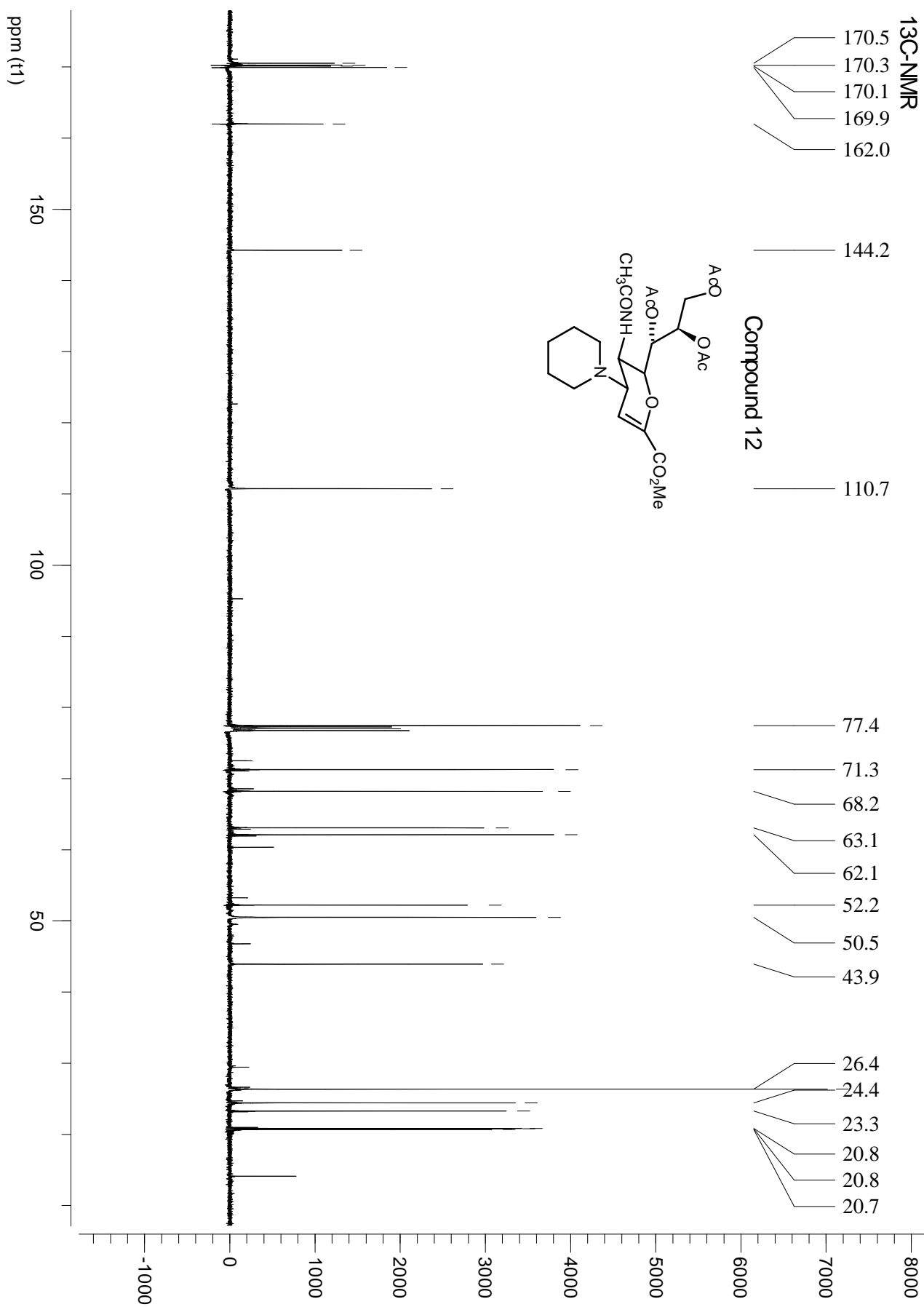




¹H-NMR

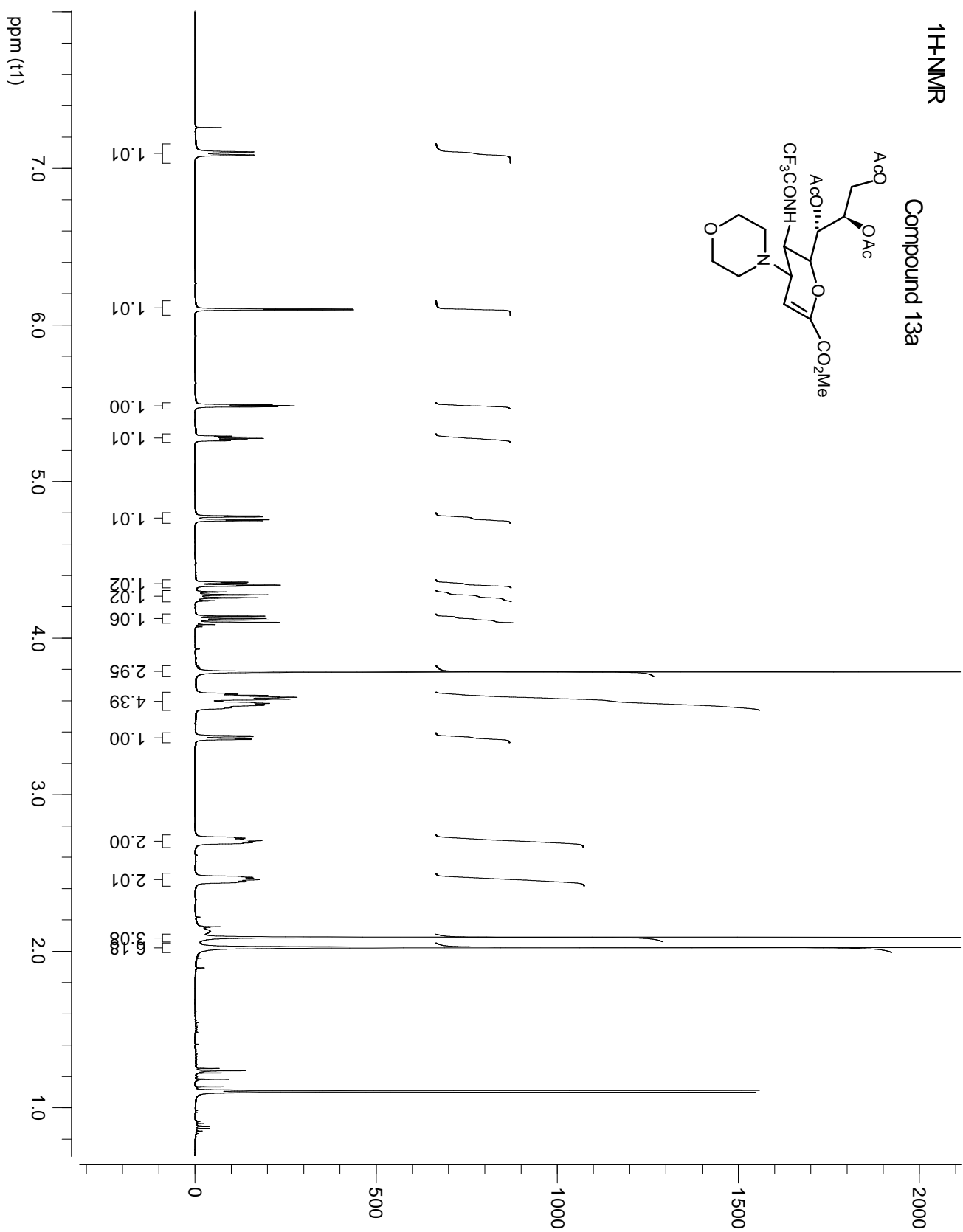
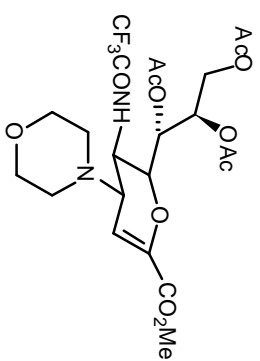
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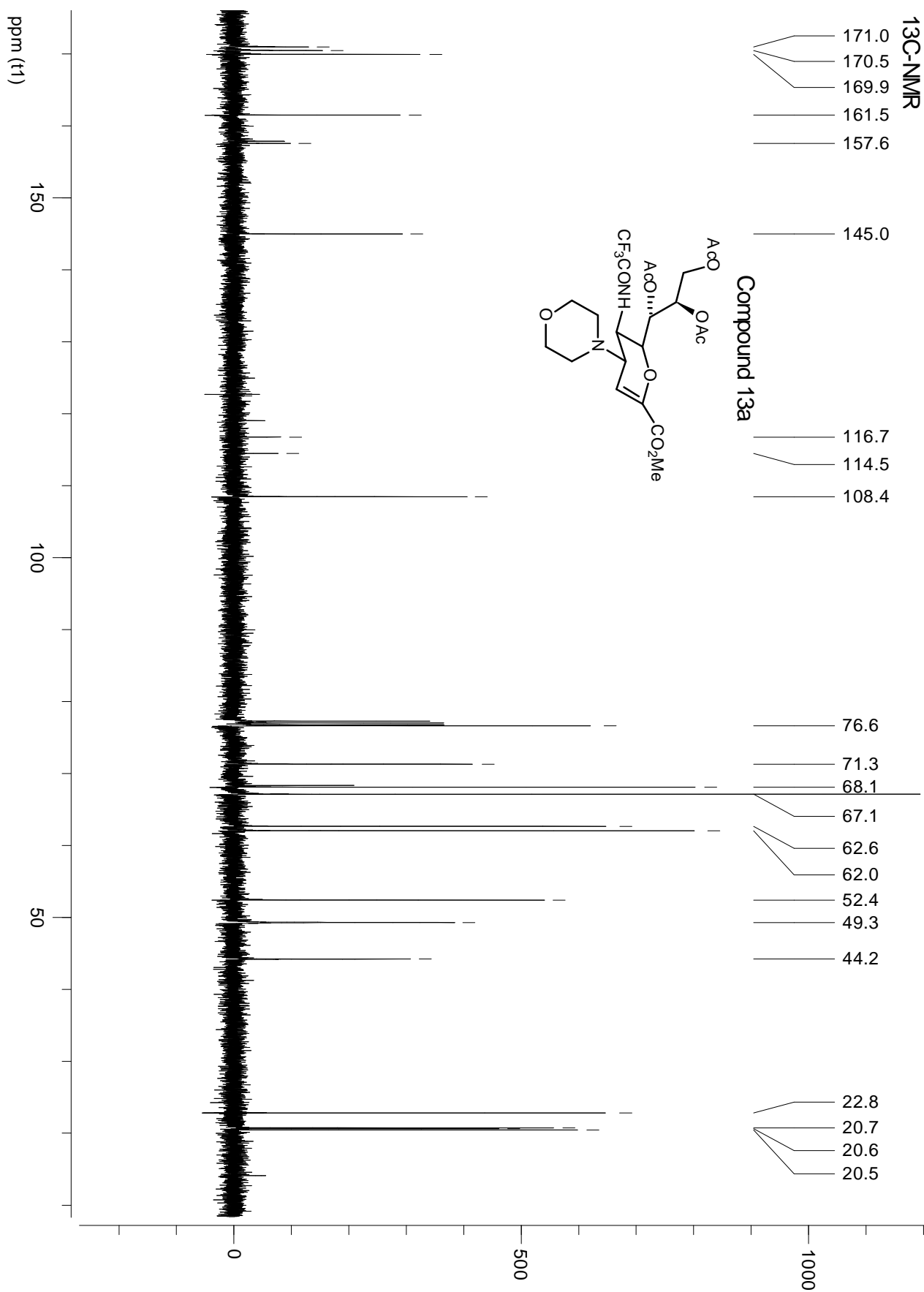




¹H-NMR

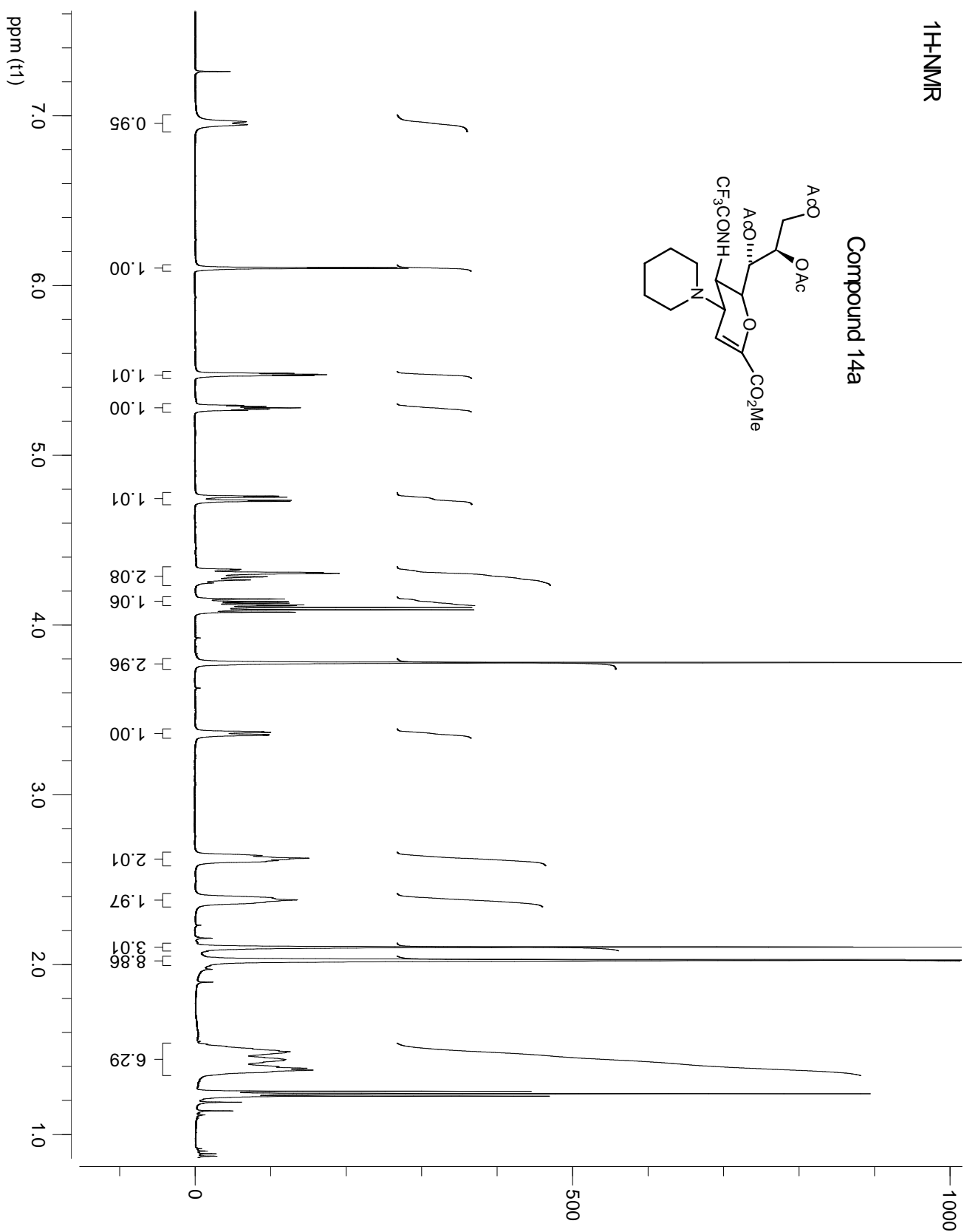
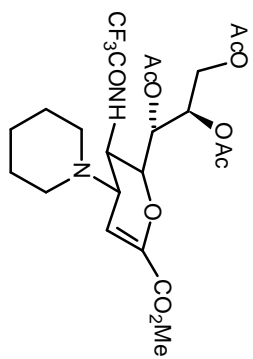
Compound 13a

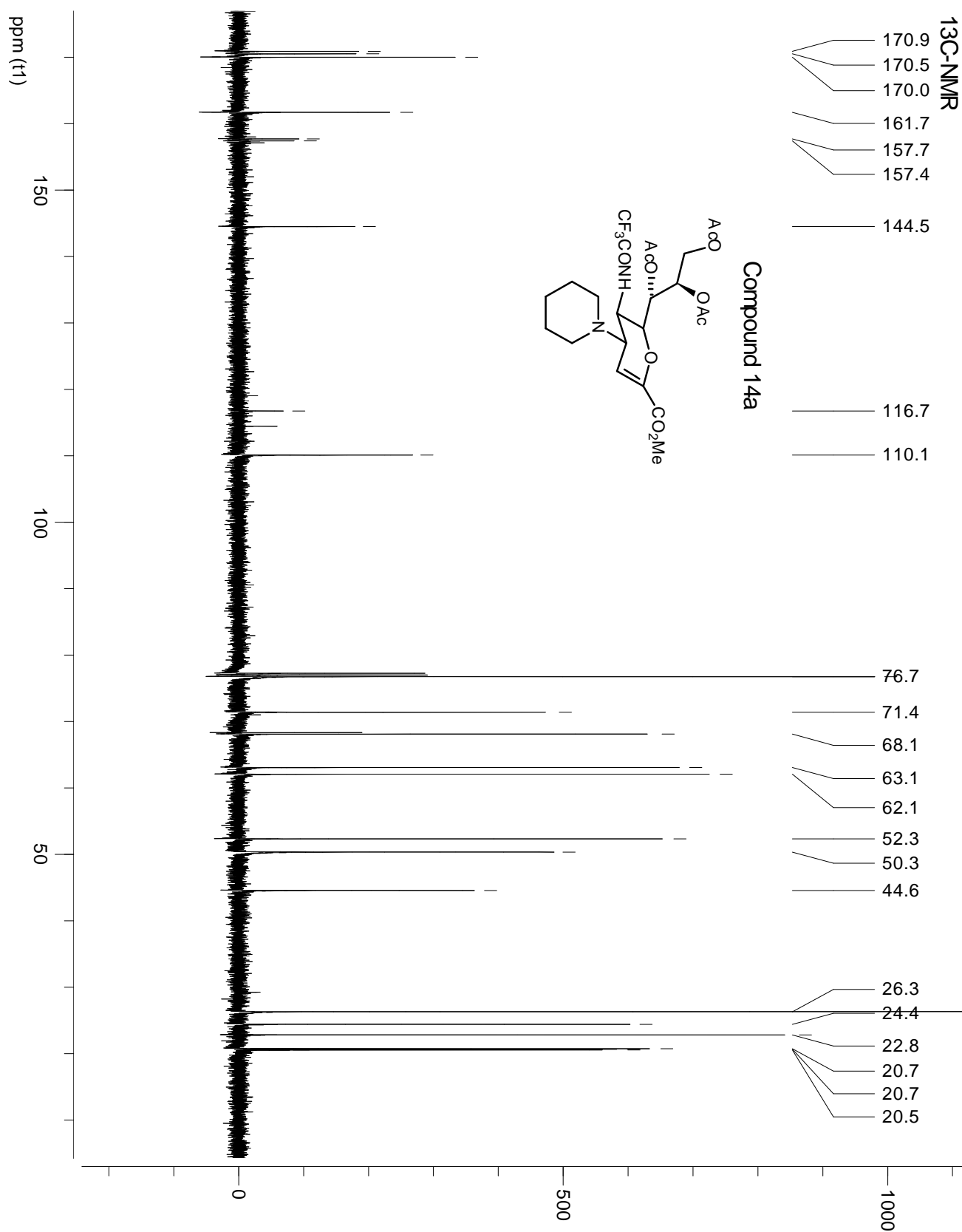




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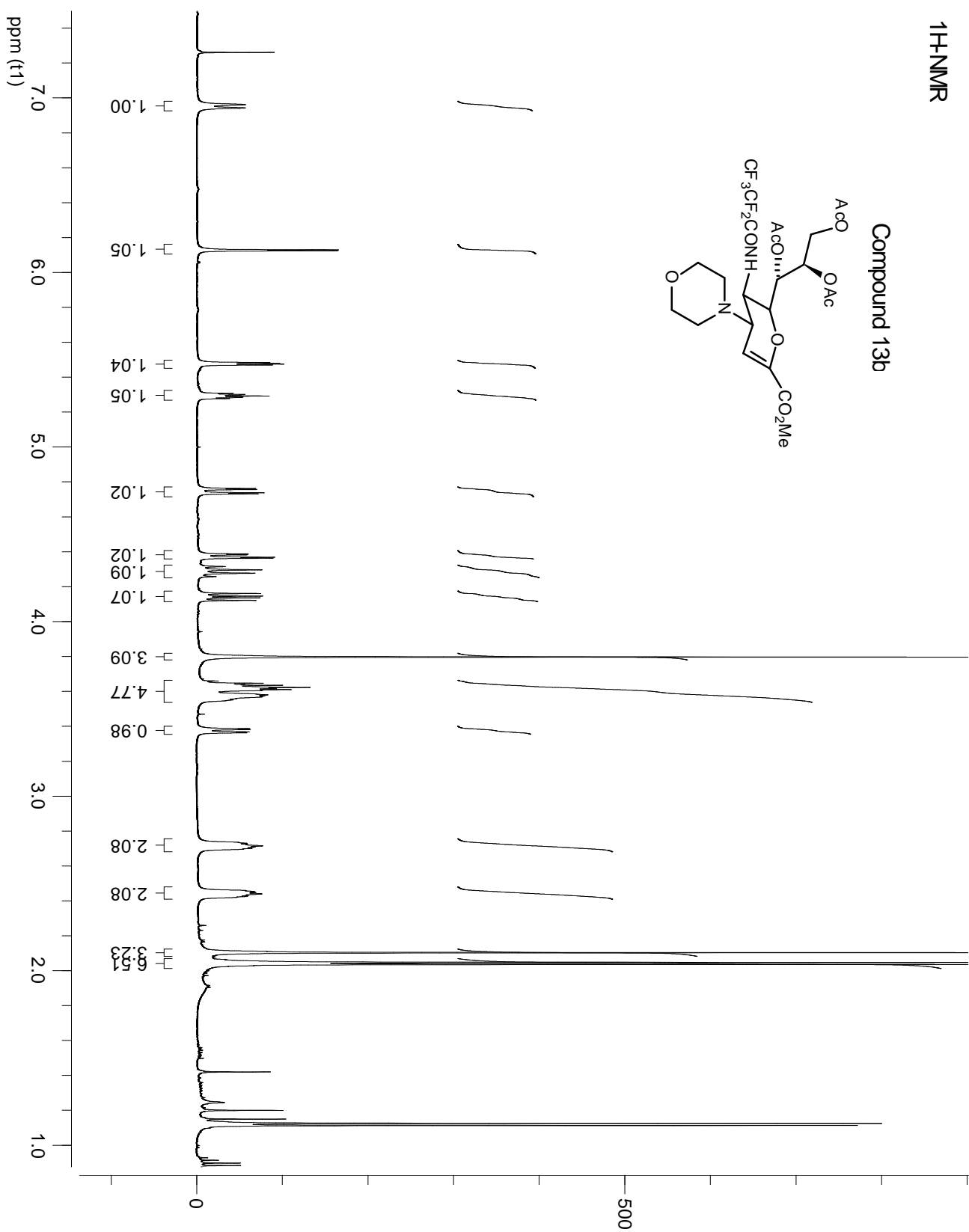
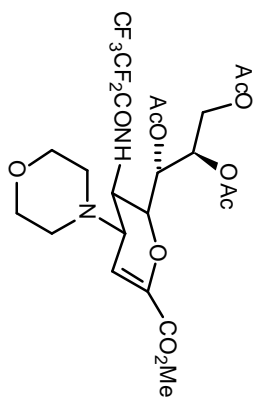
Compound 14a

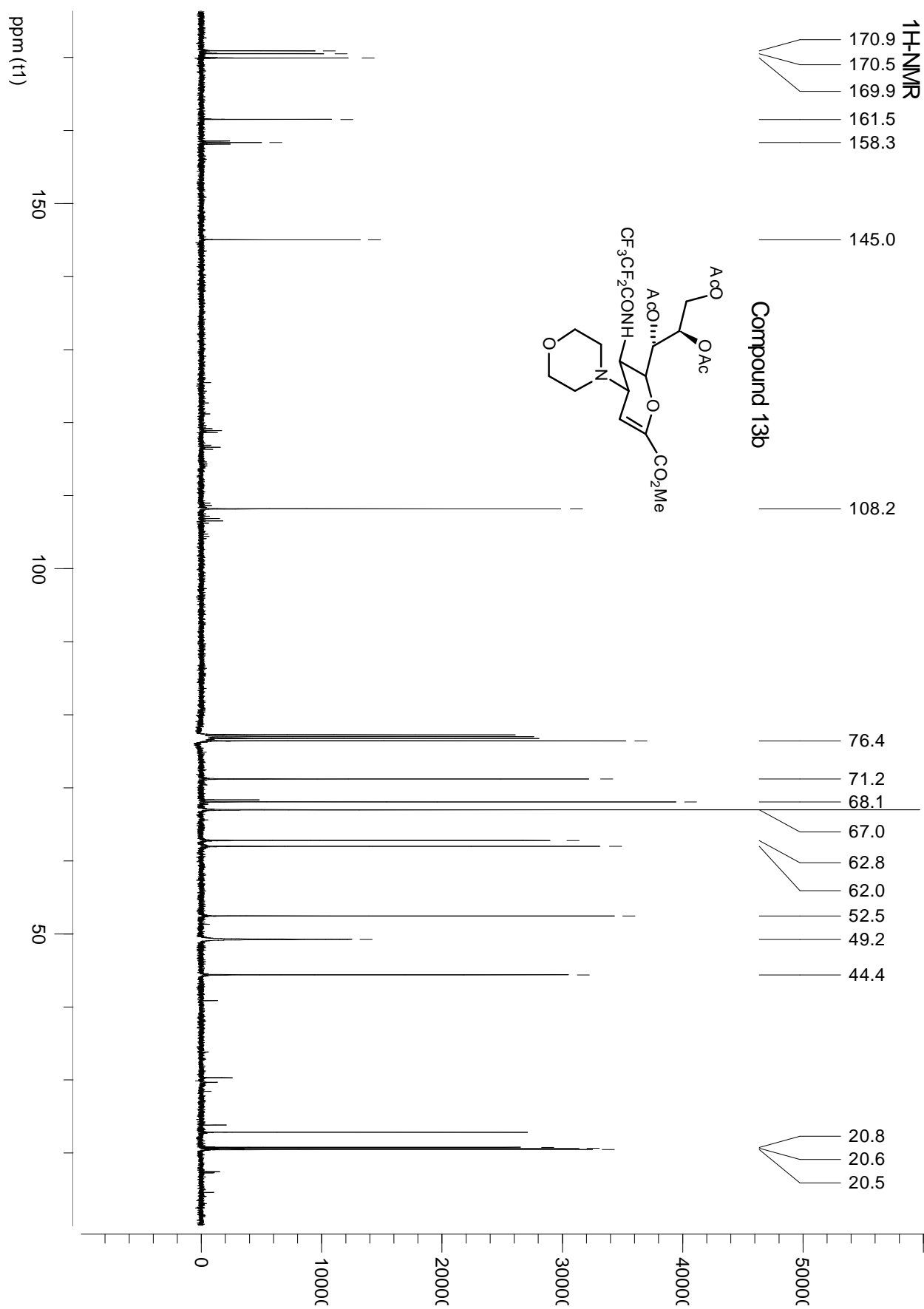




¹H-NMR

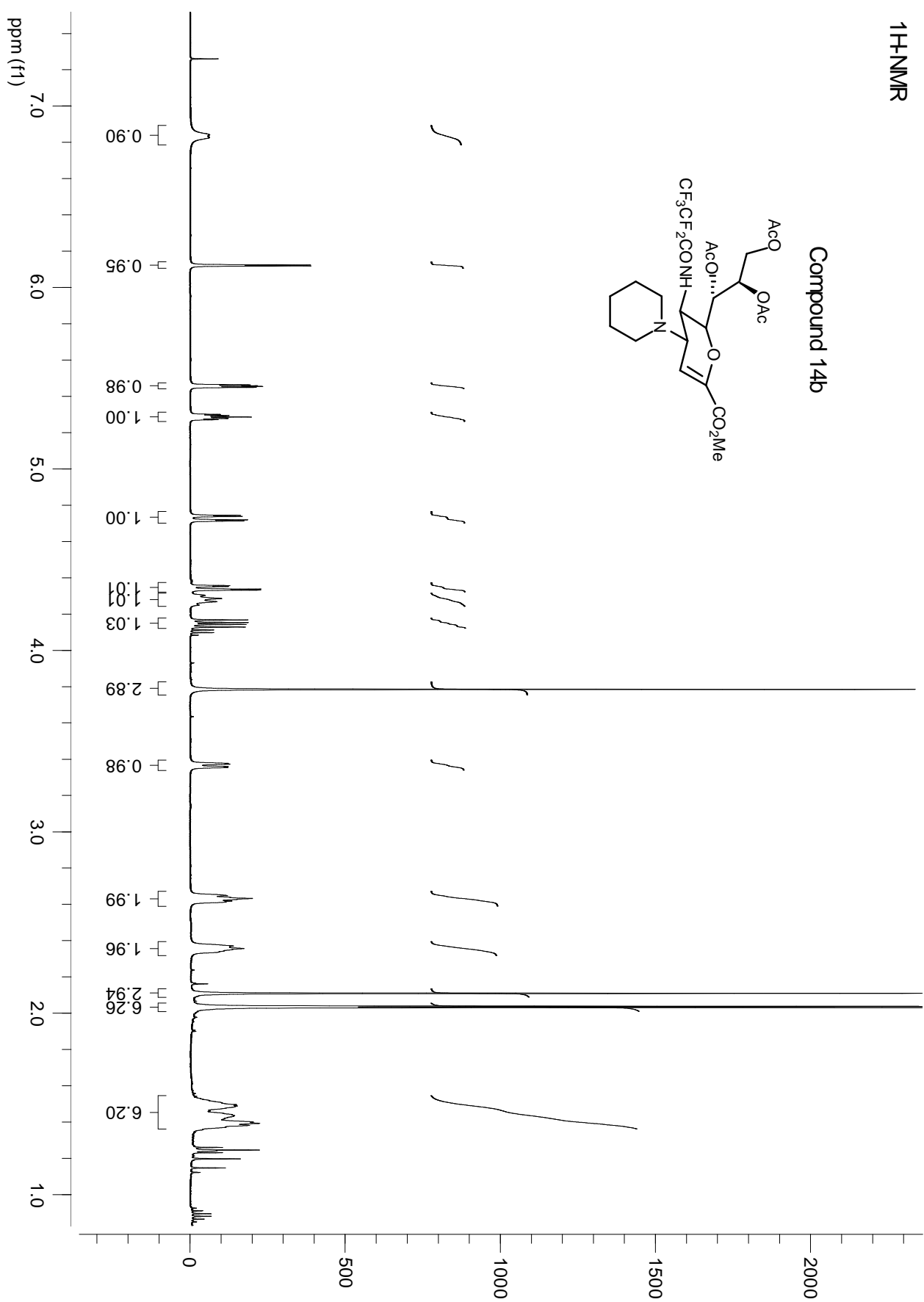
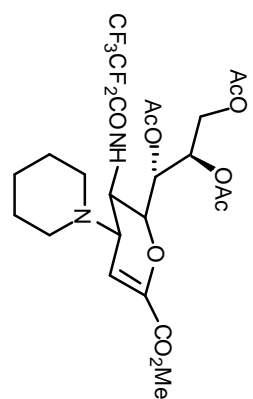
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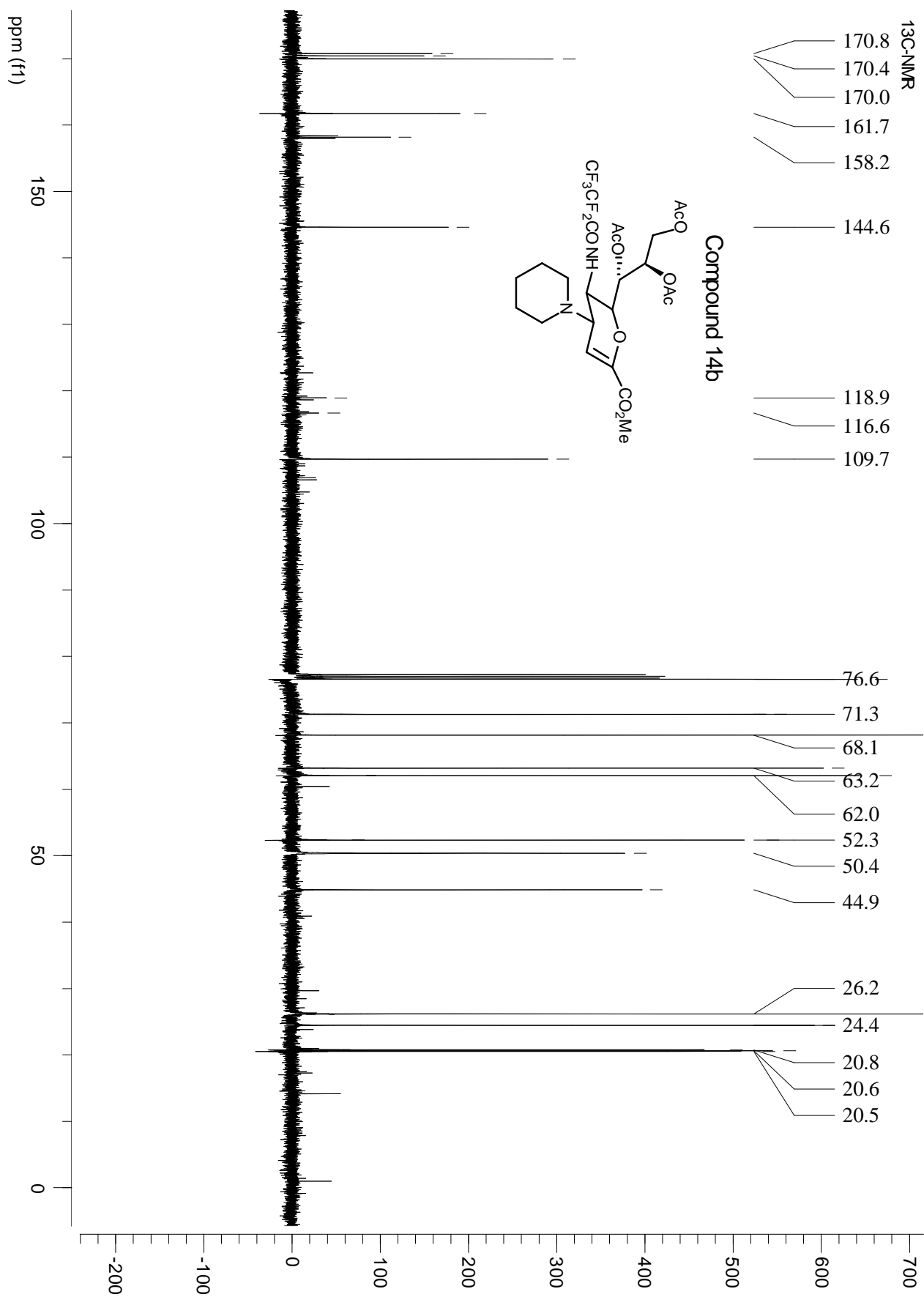




¹H-NMR

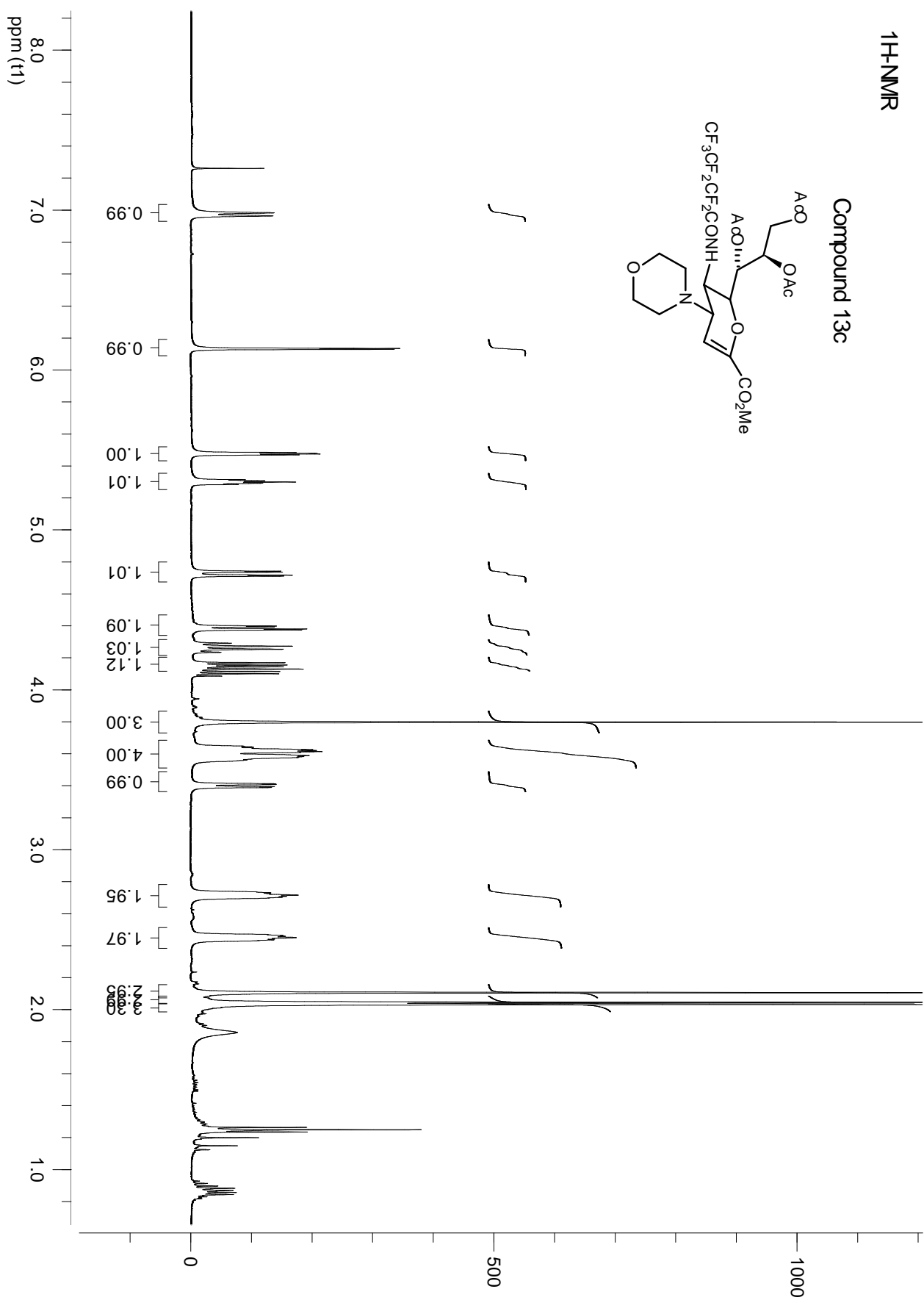
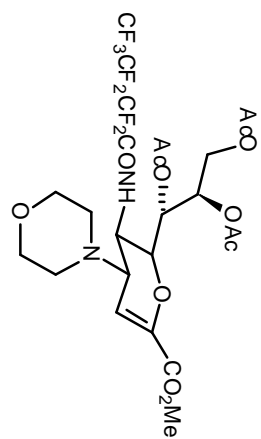
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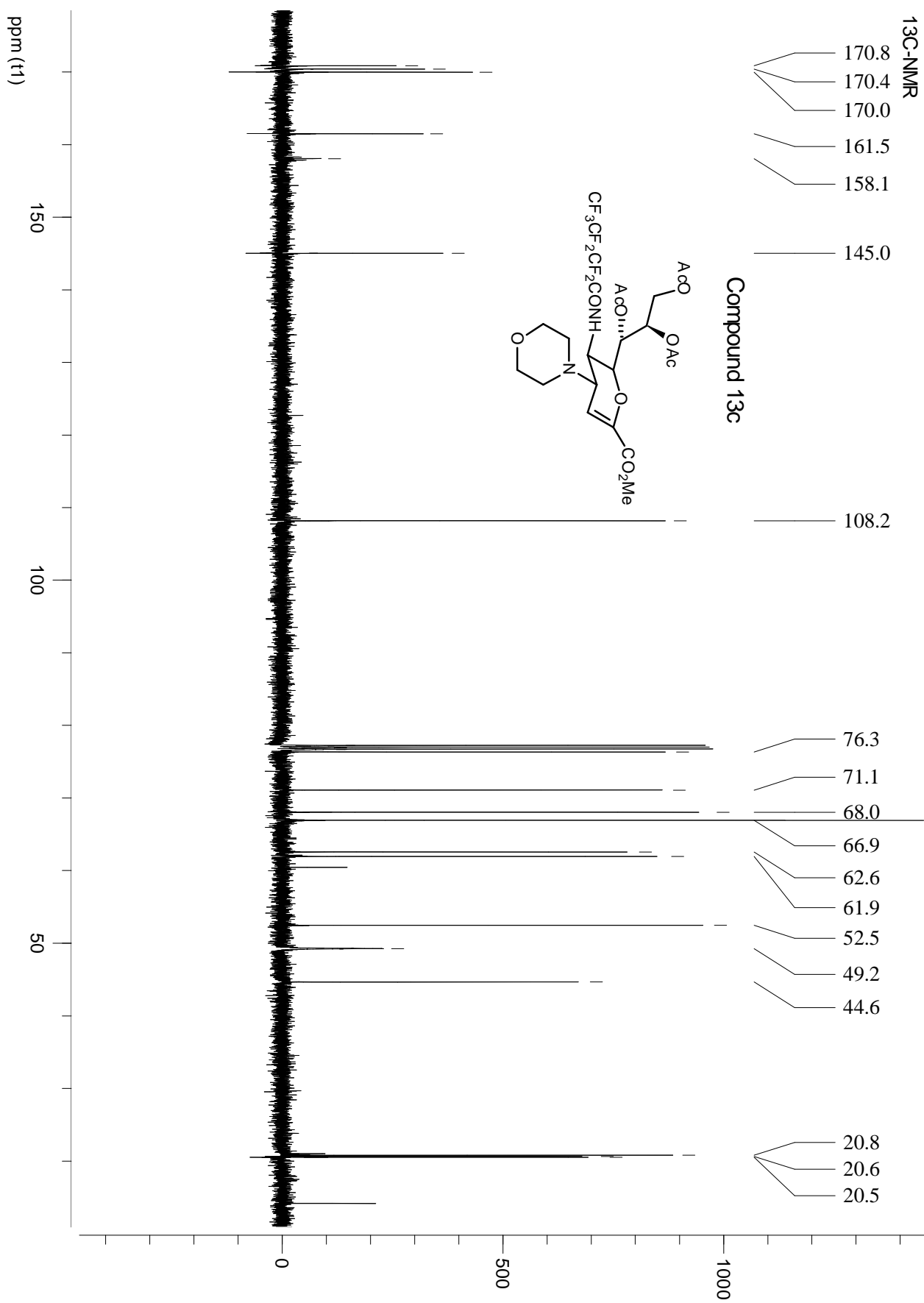




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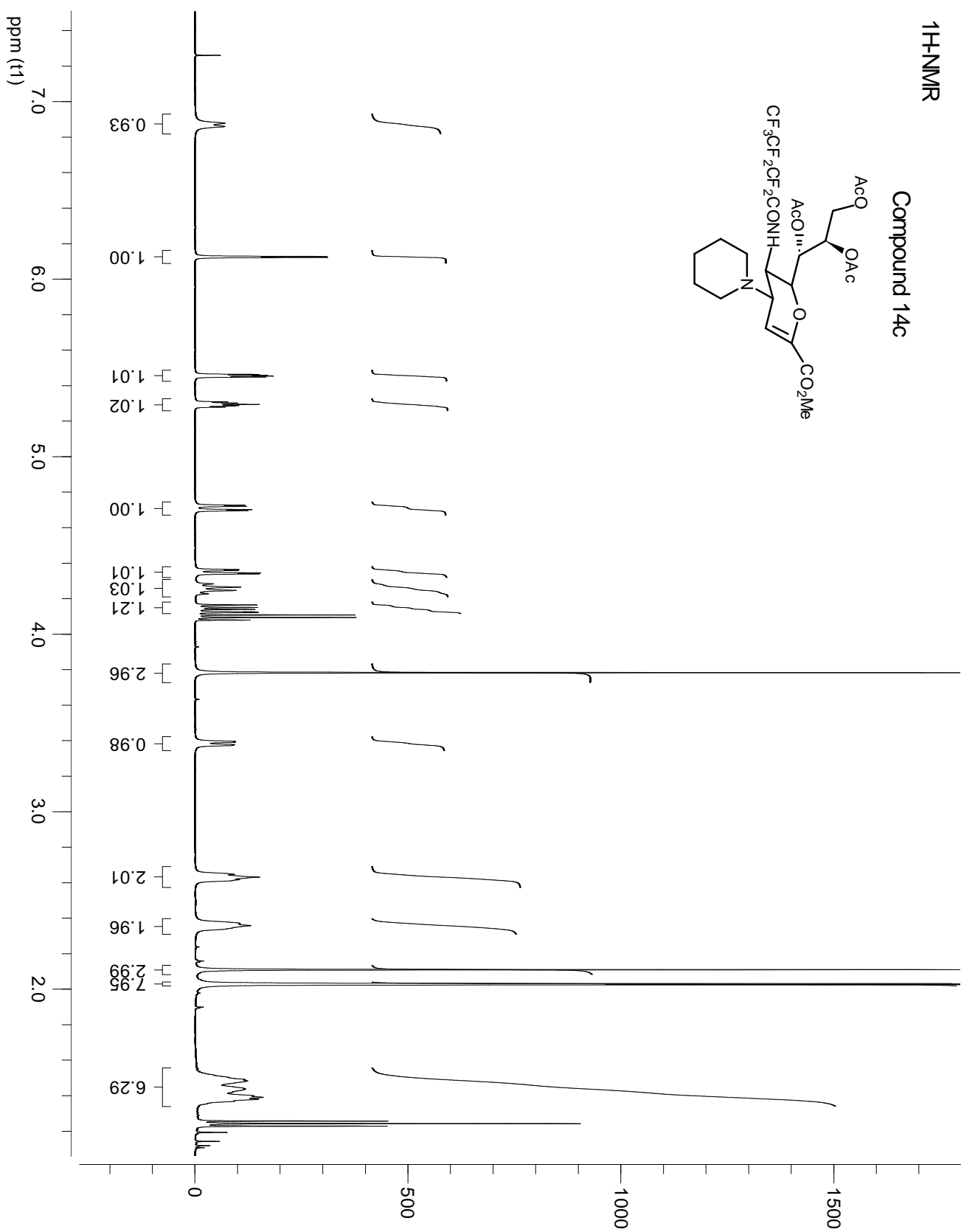
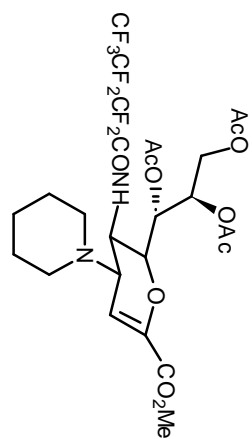
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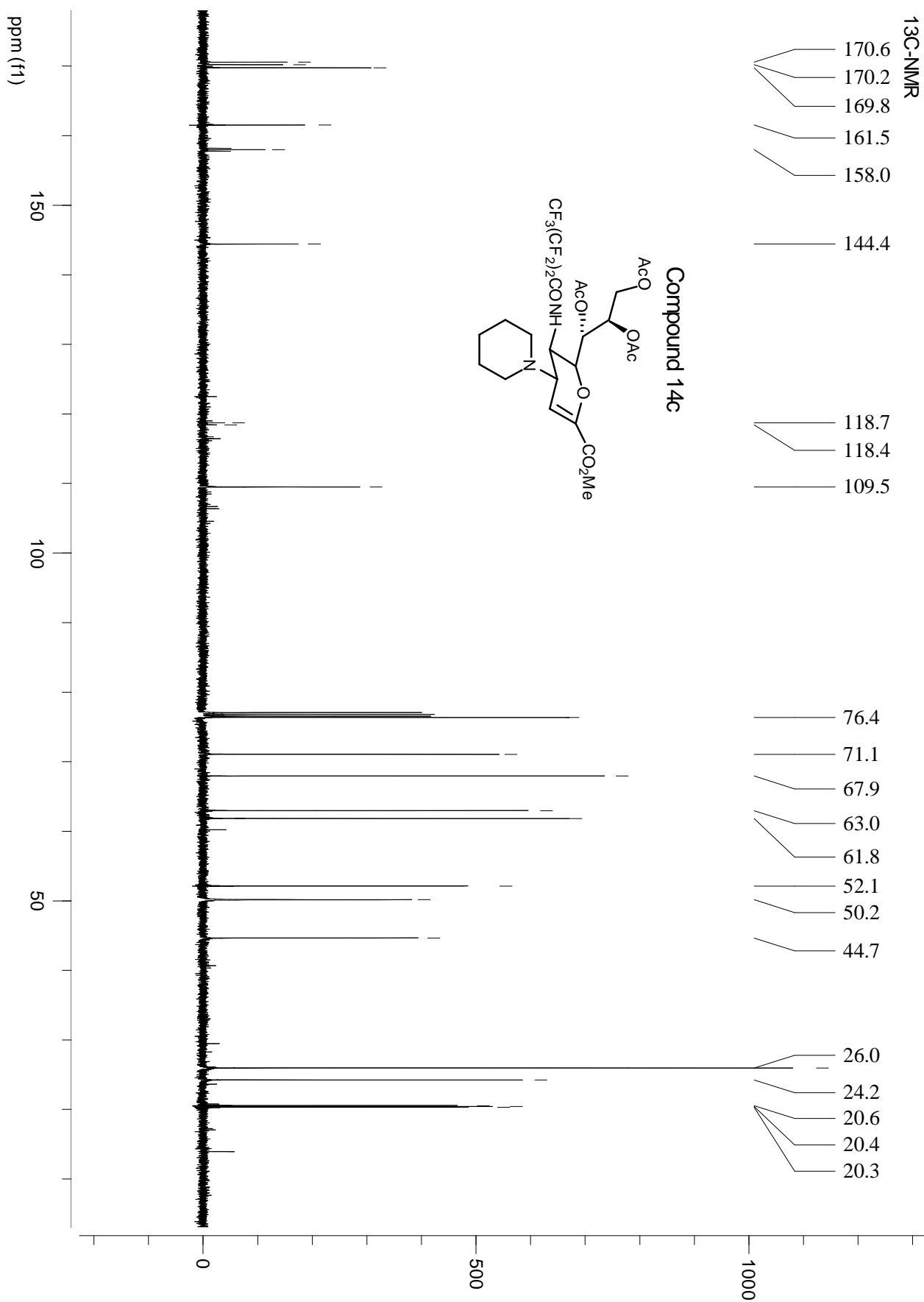




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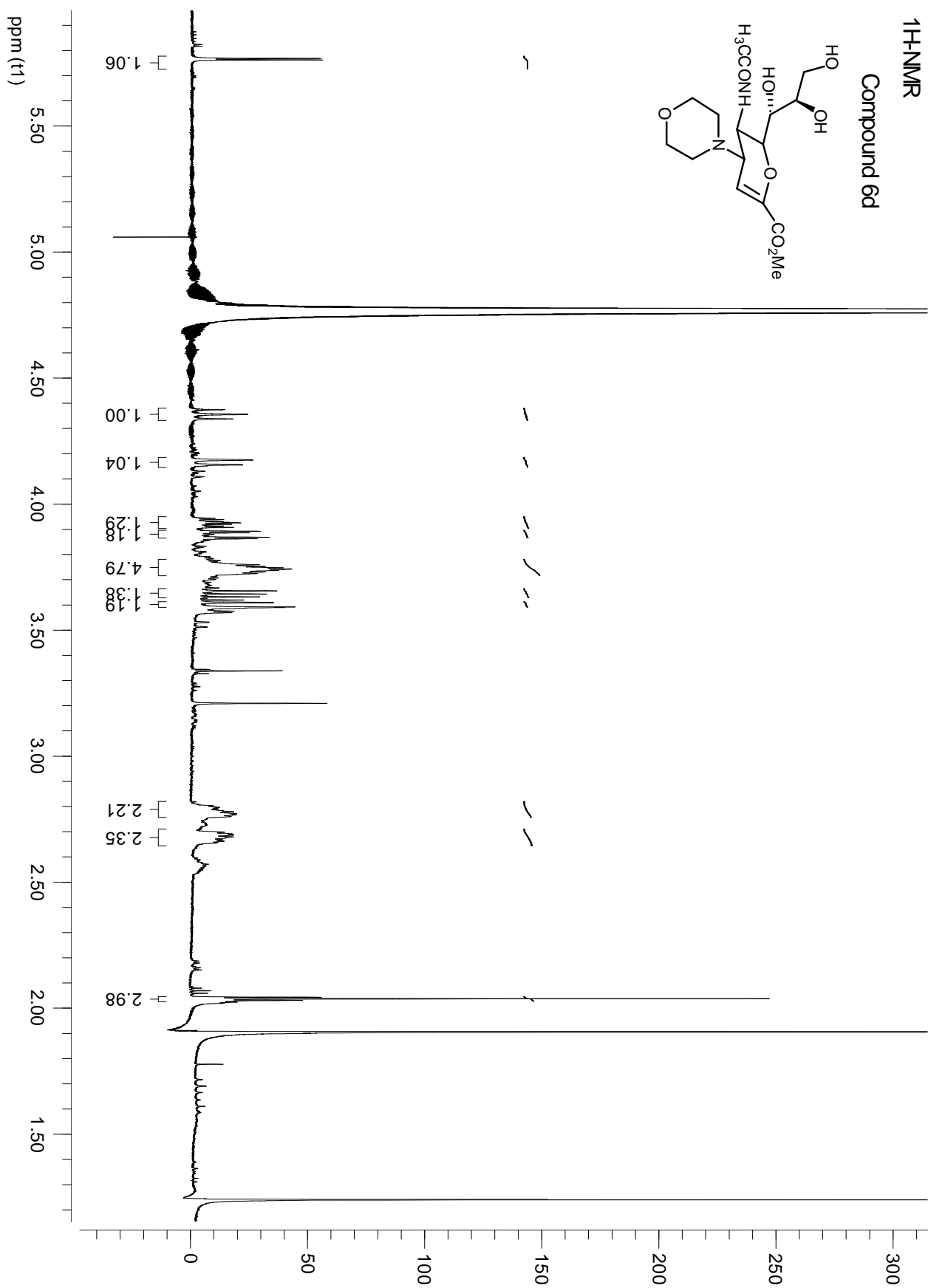
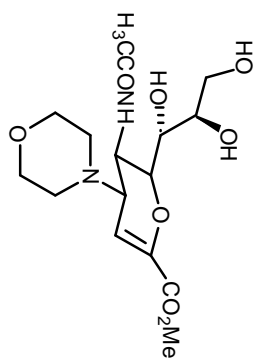
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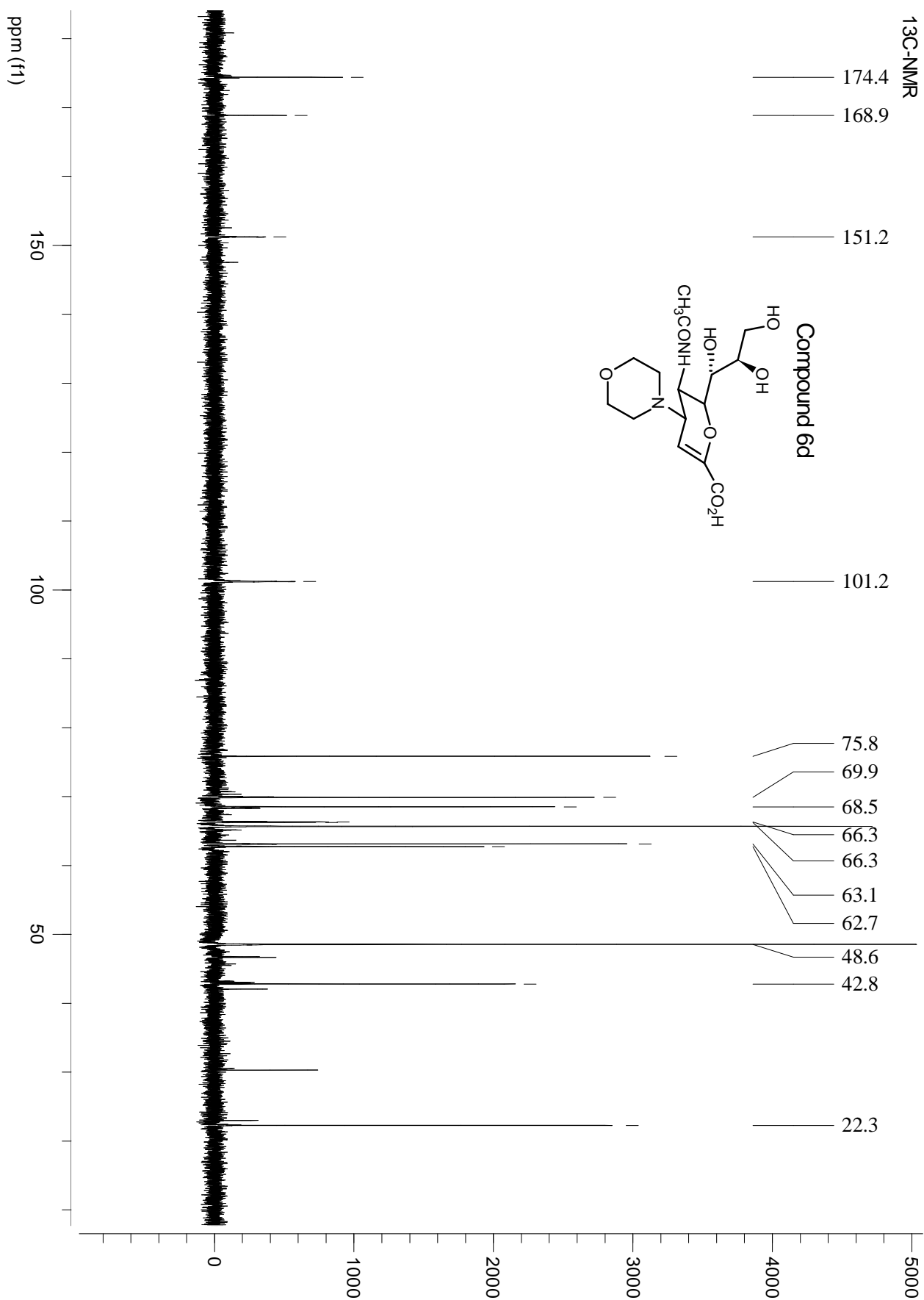




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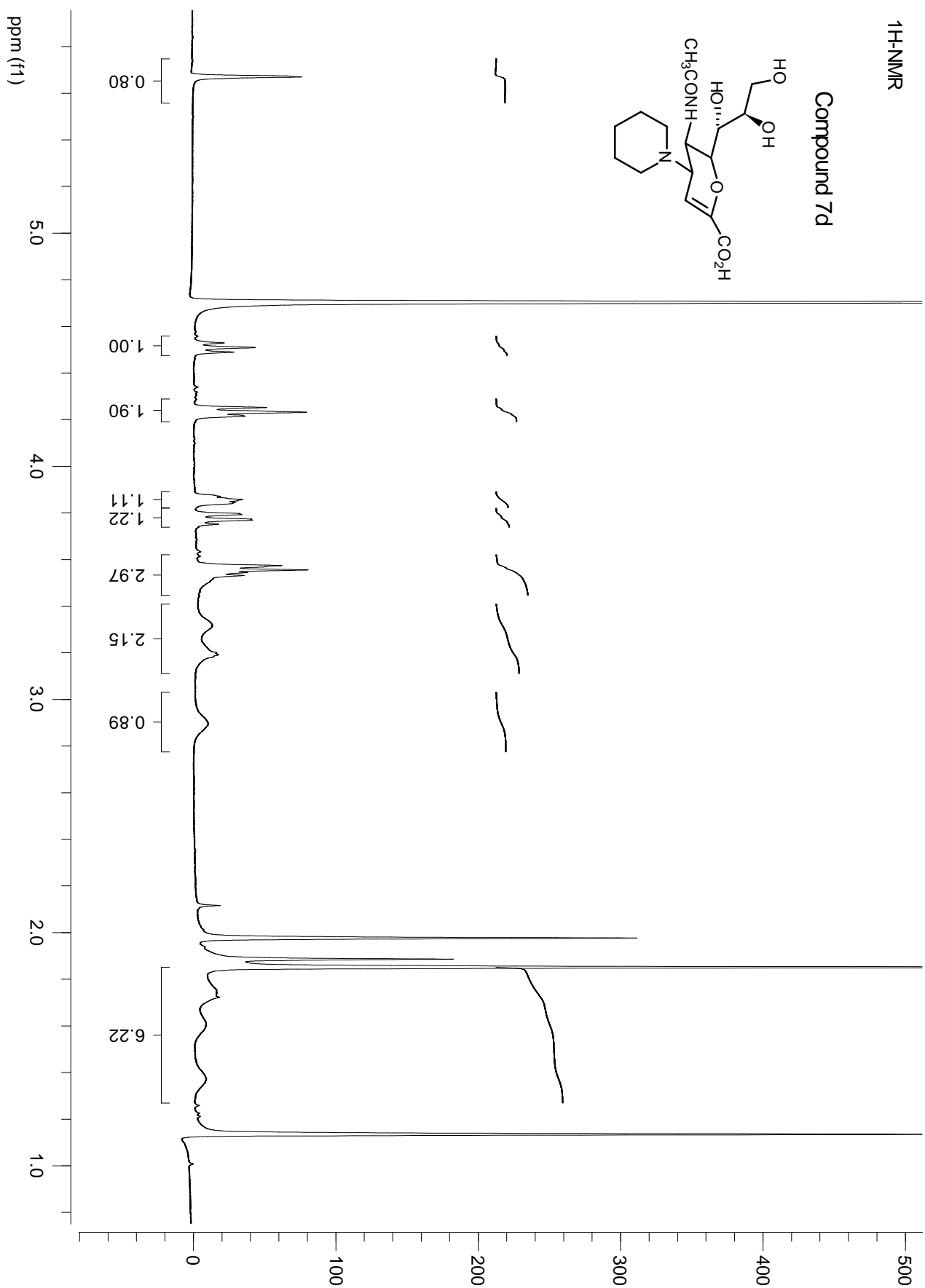
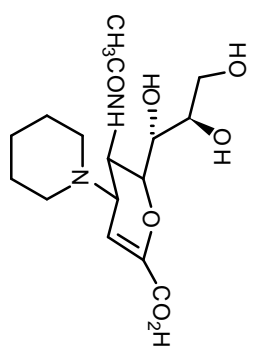
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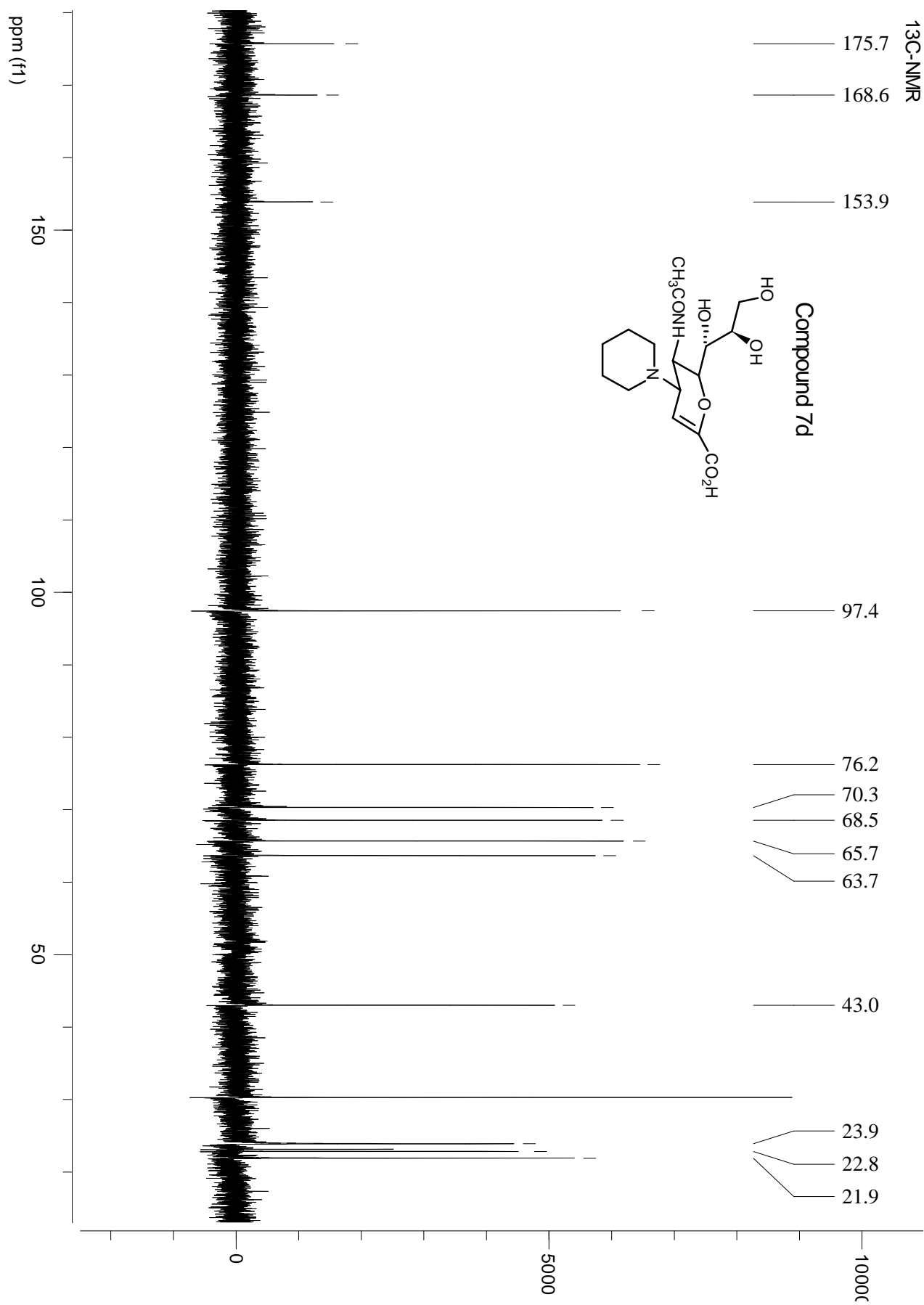




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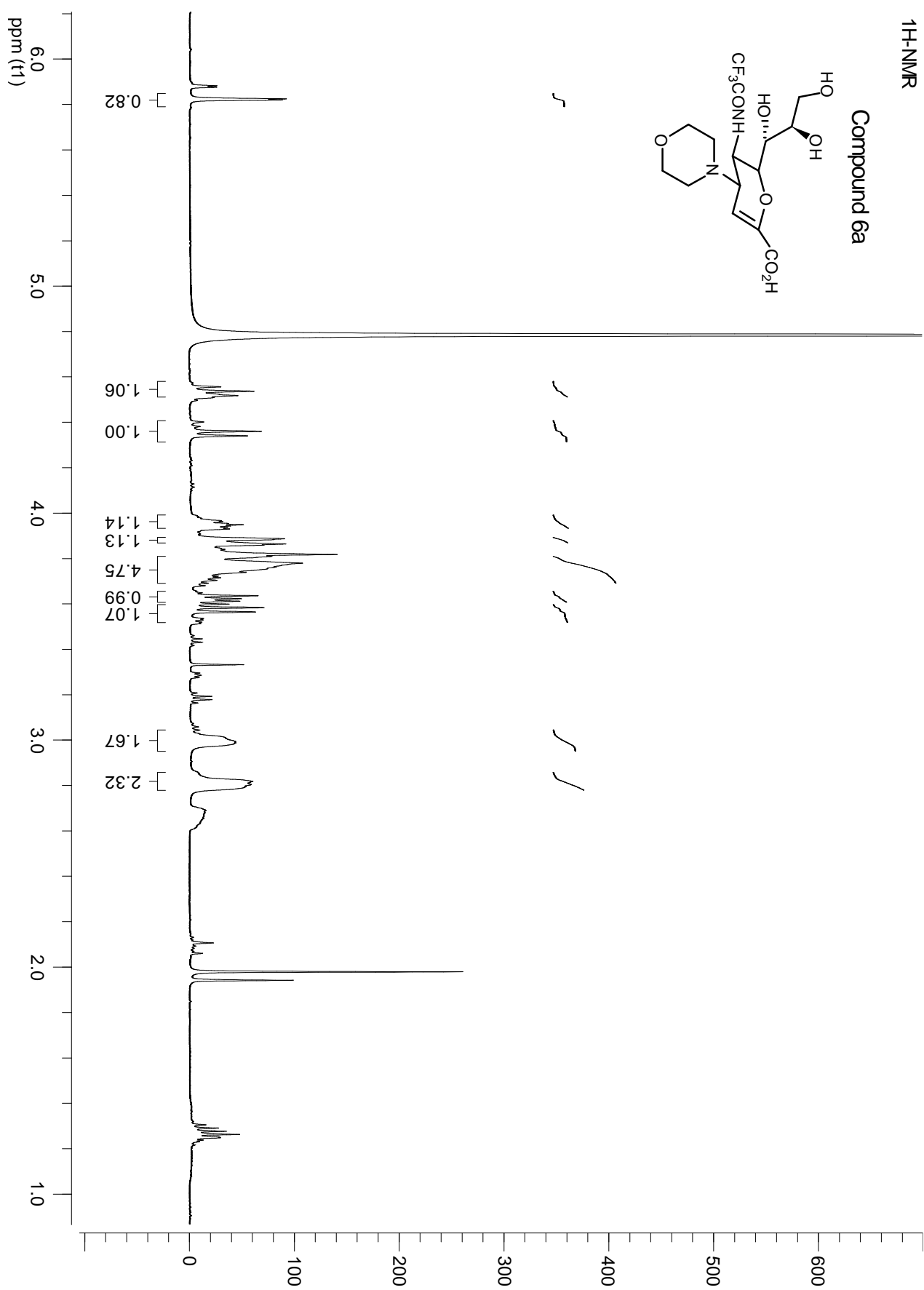
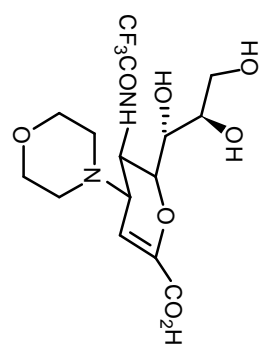
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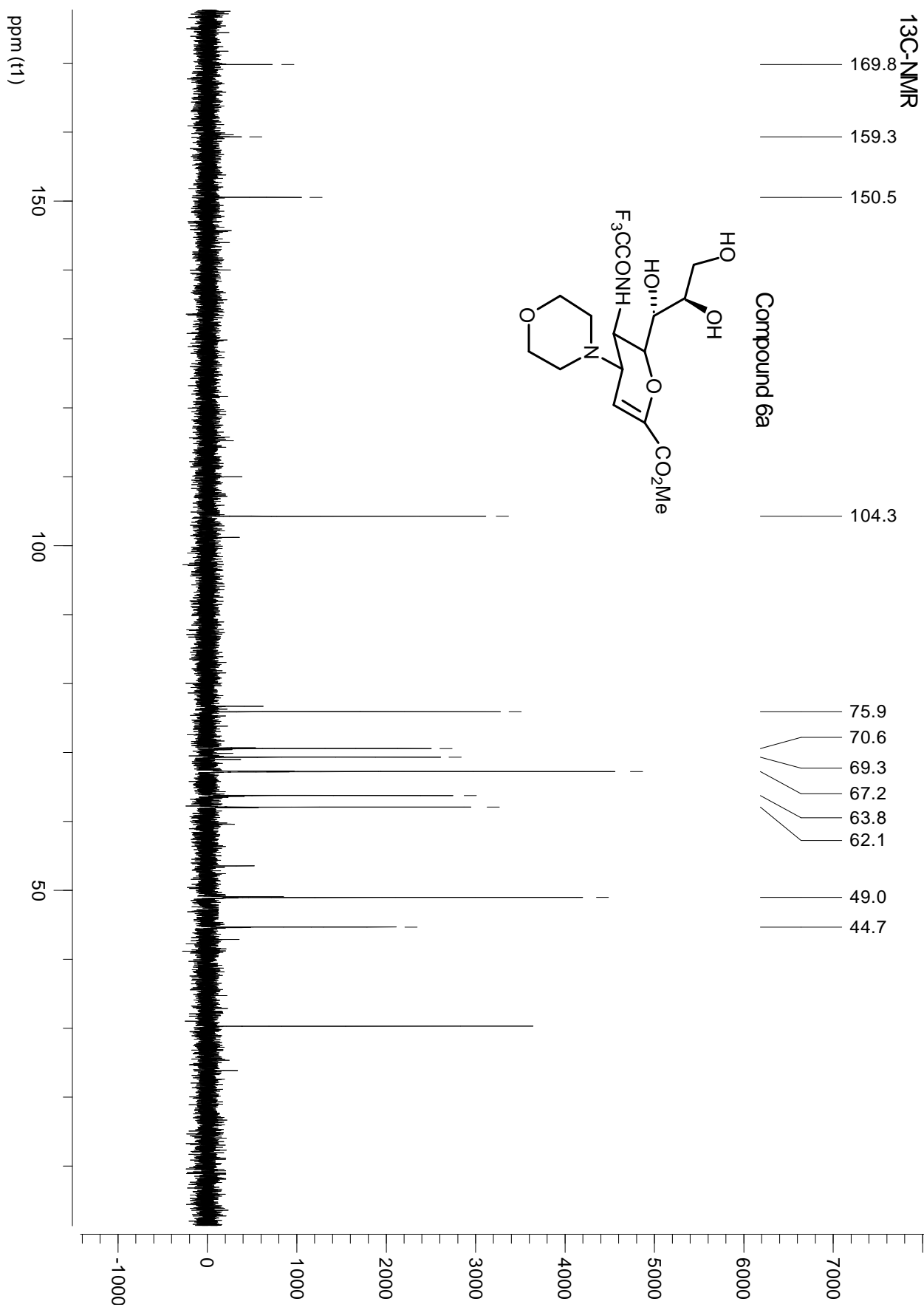




¹H-NMR

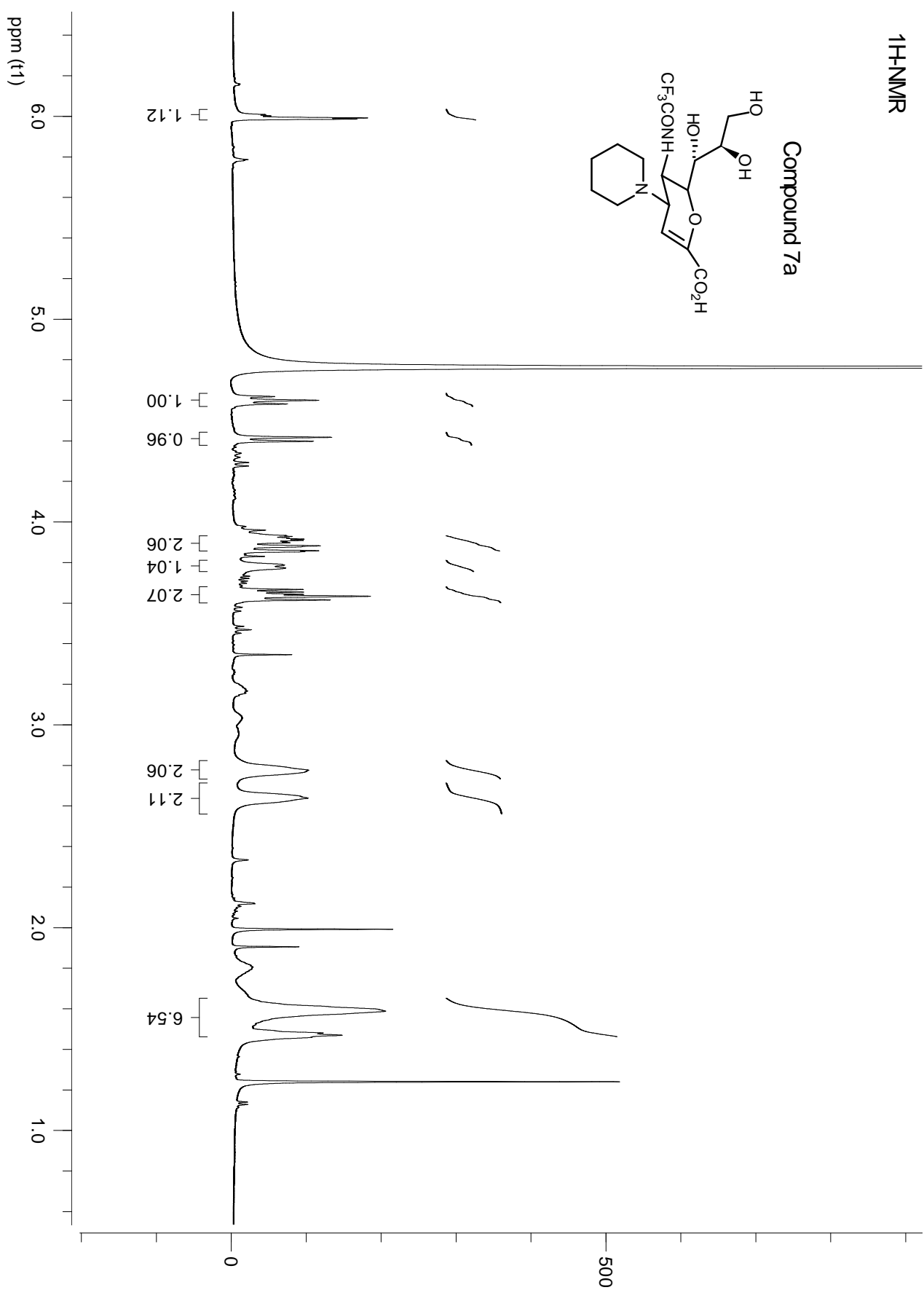
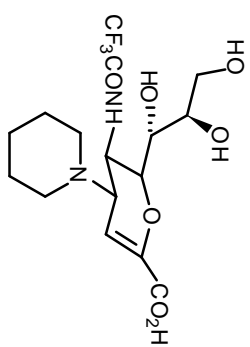
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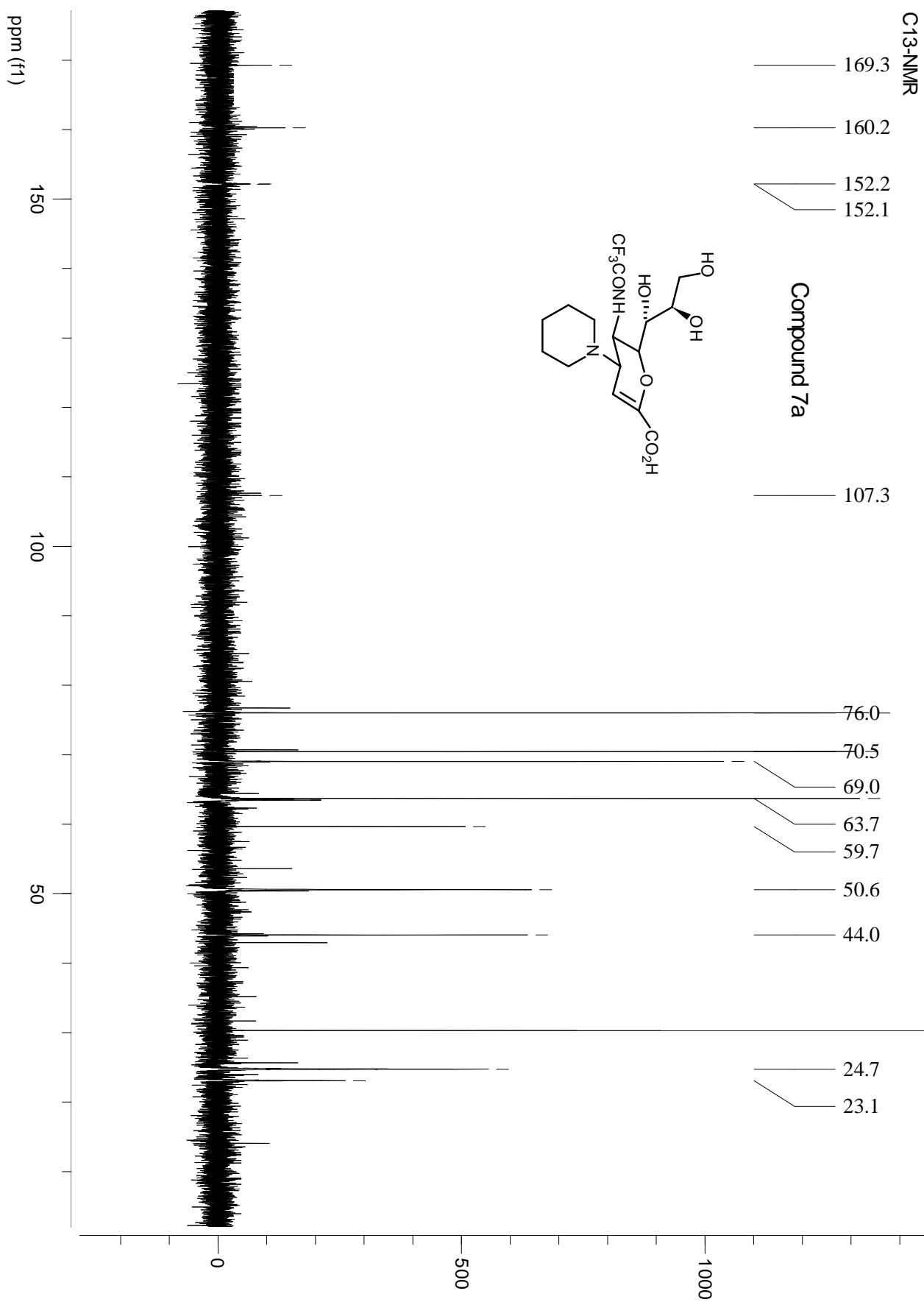




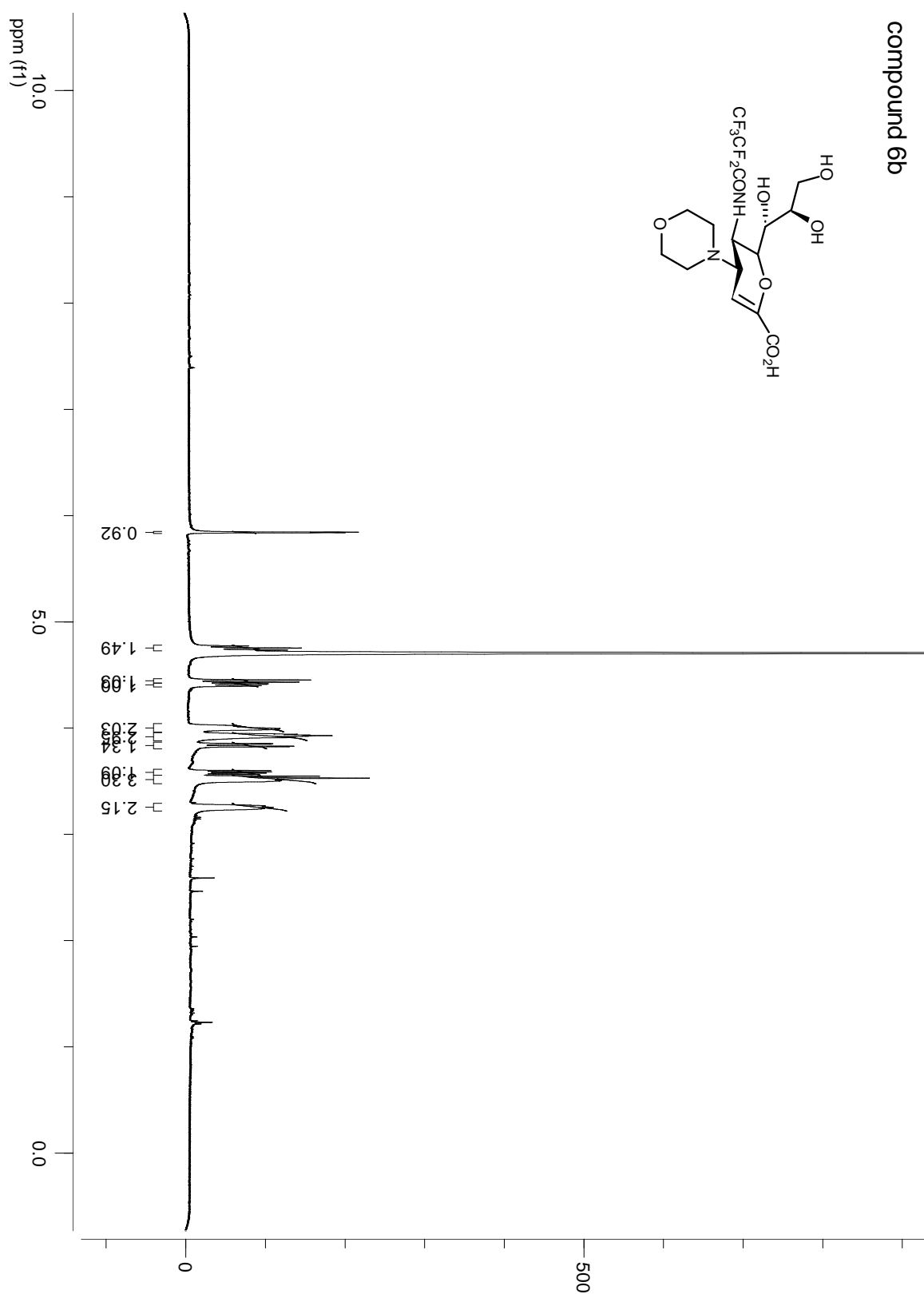
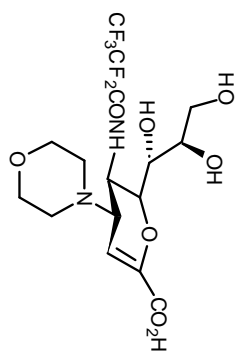
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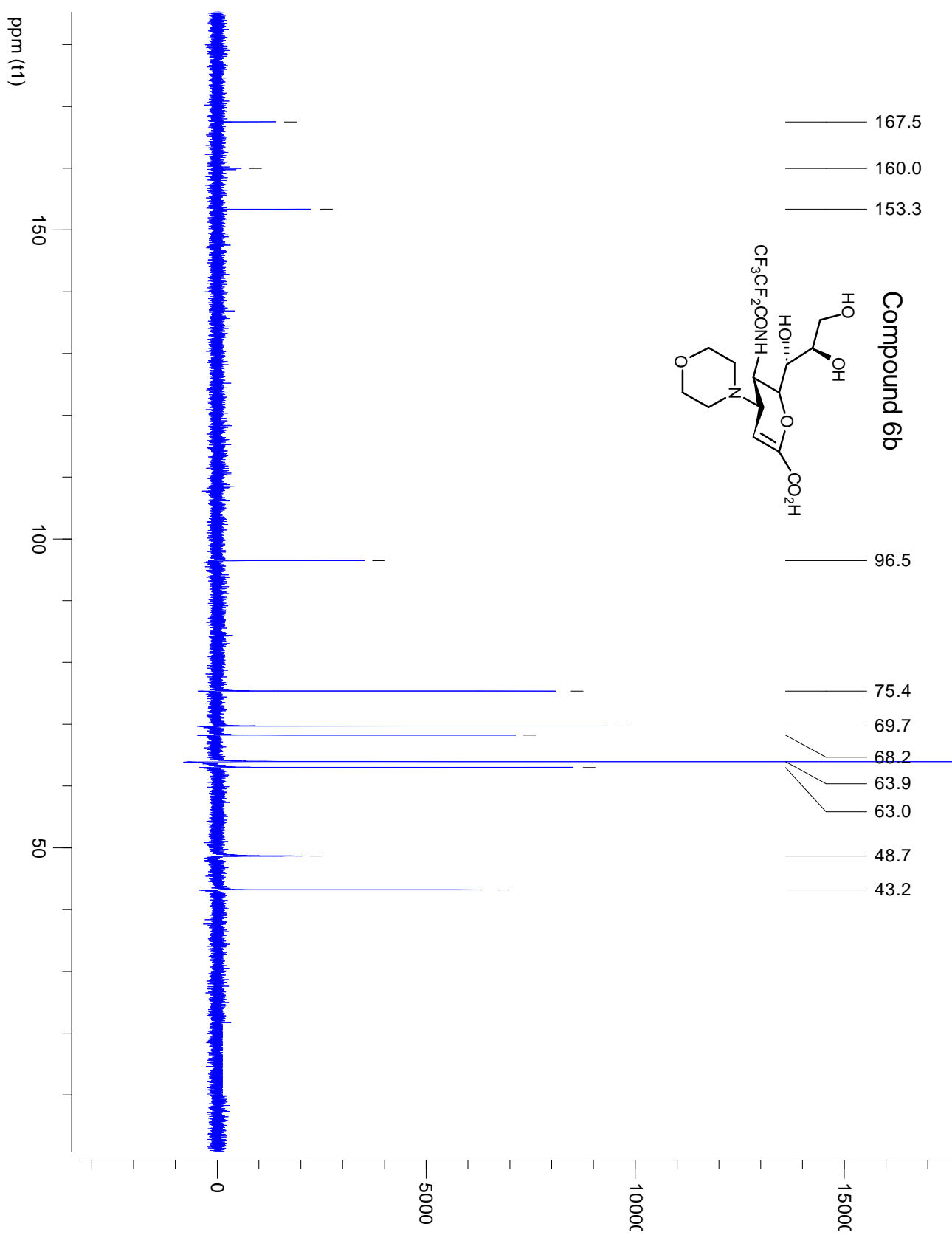
Compound 7a





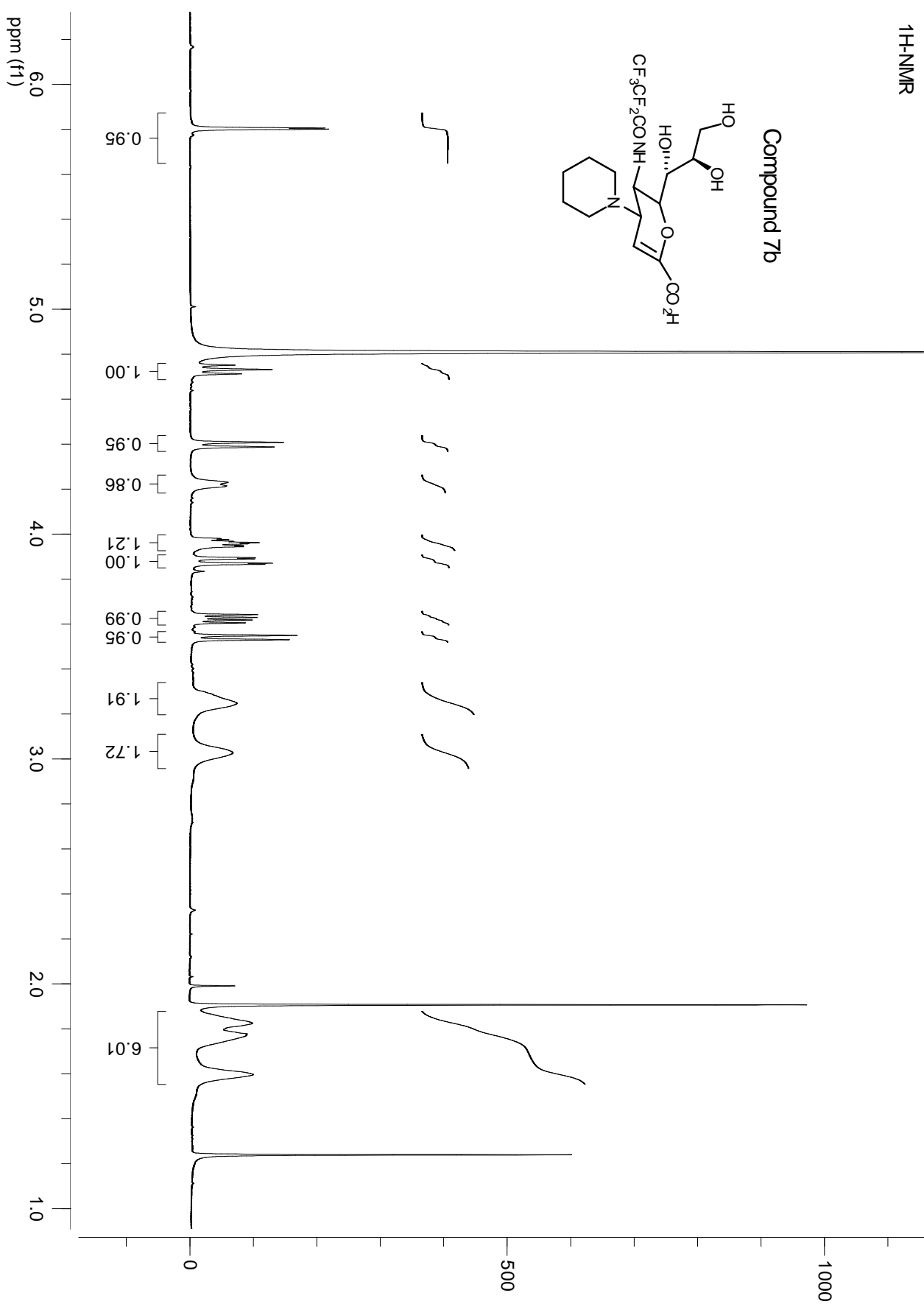
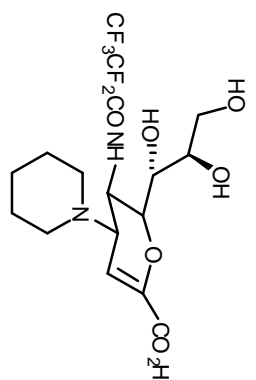
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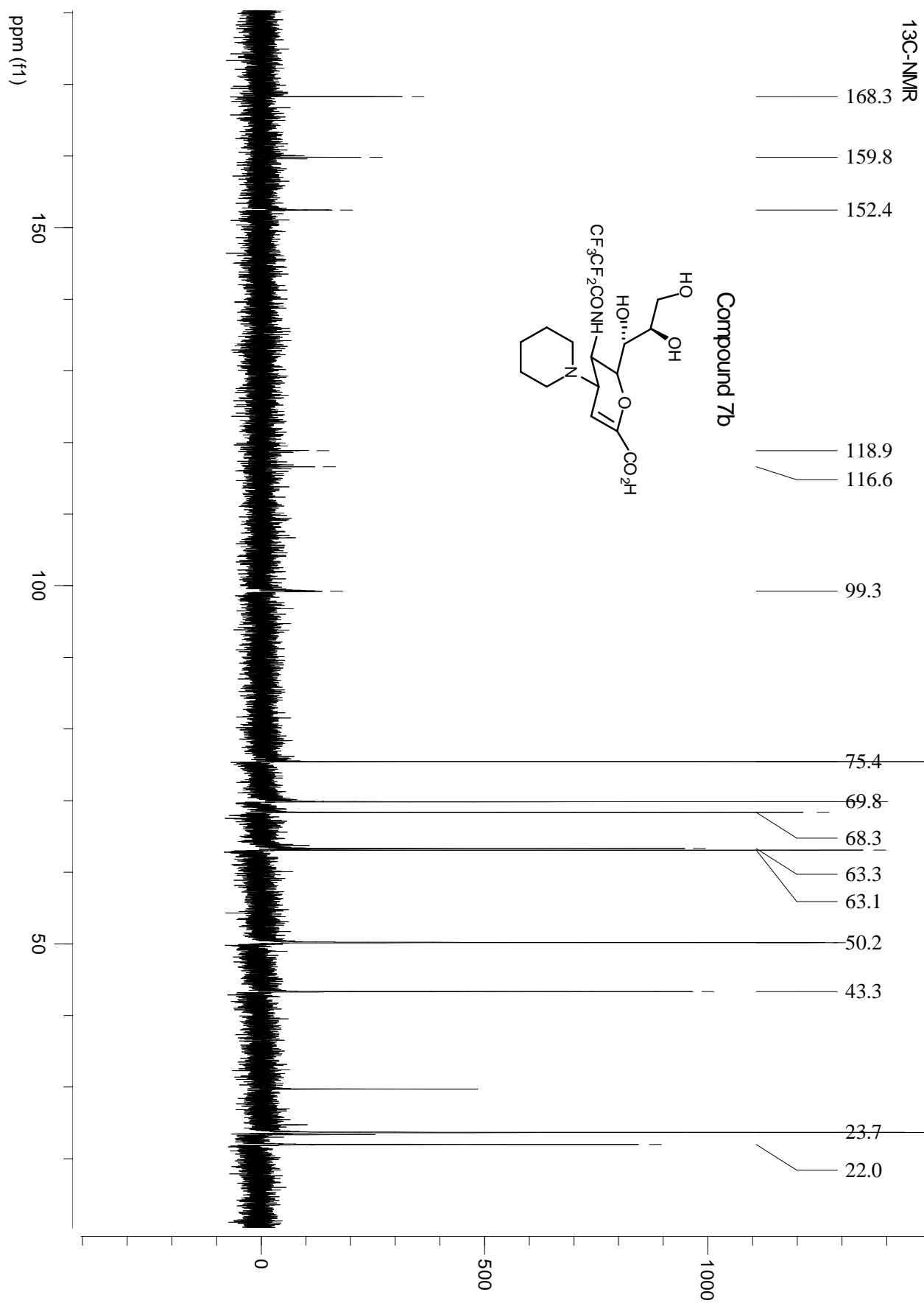




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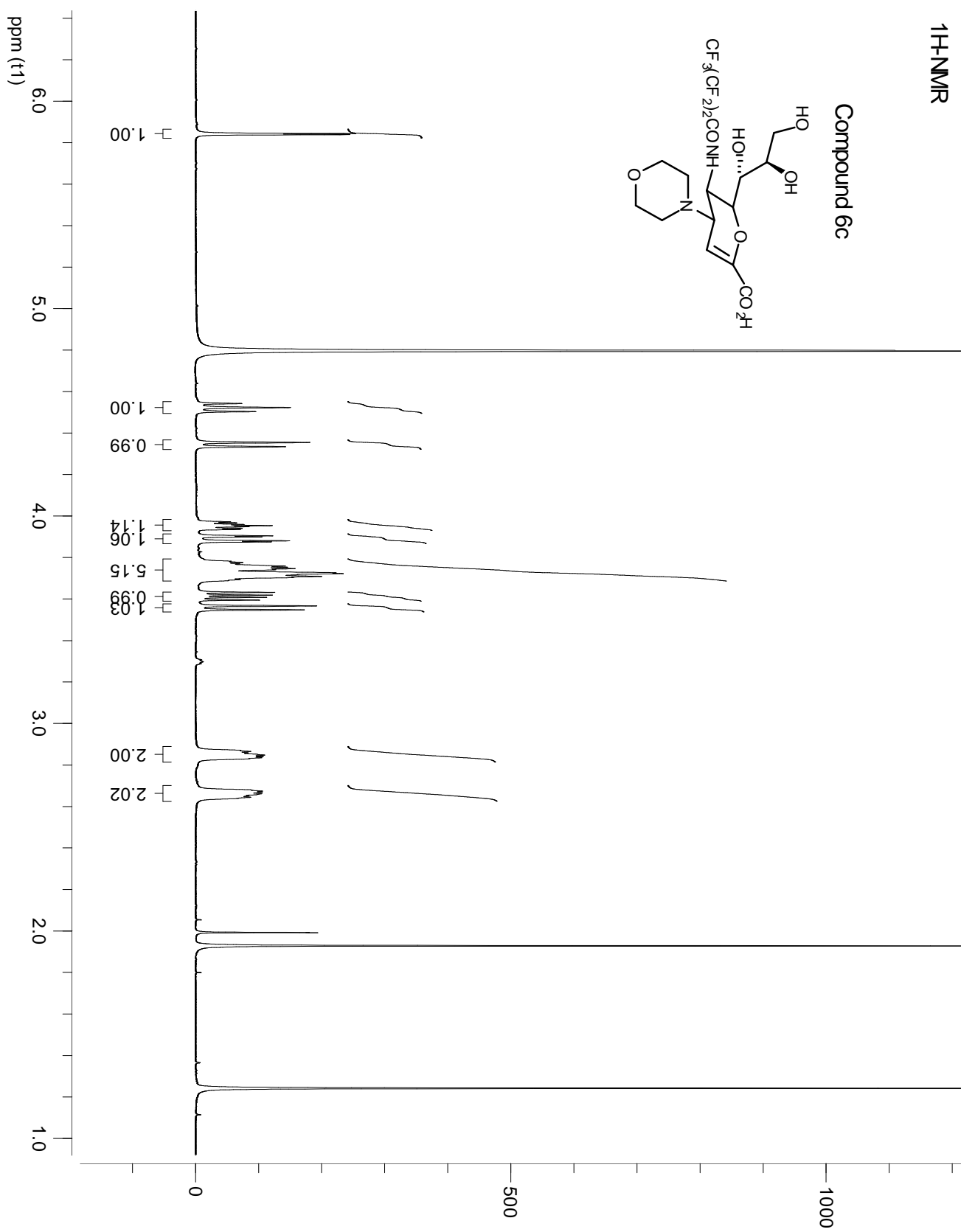
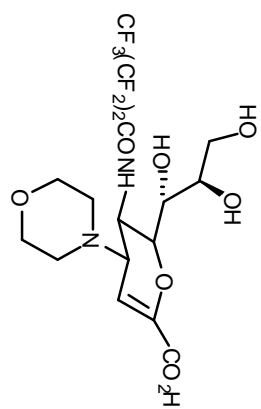
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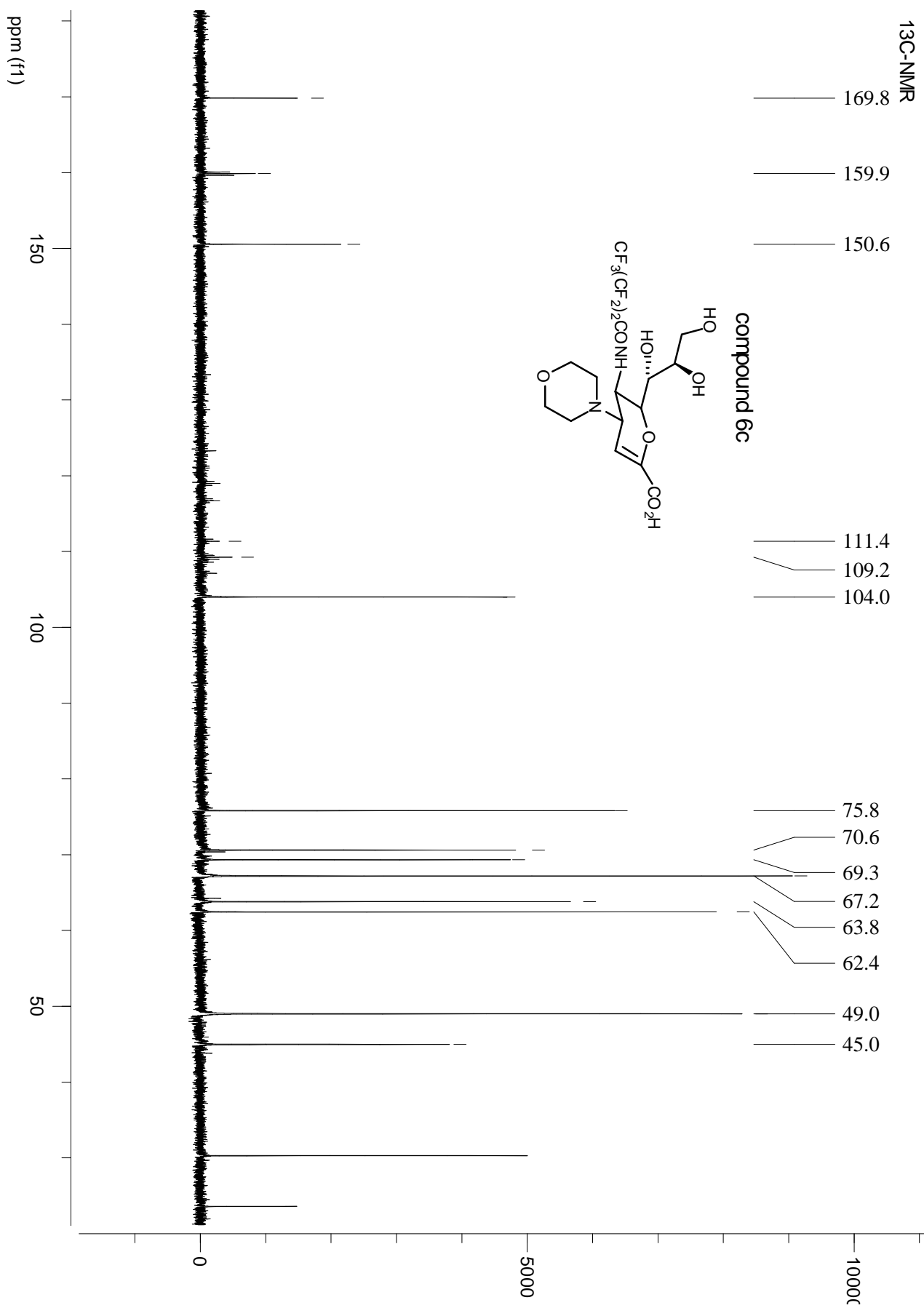




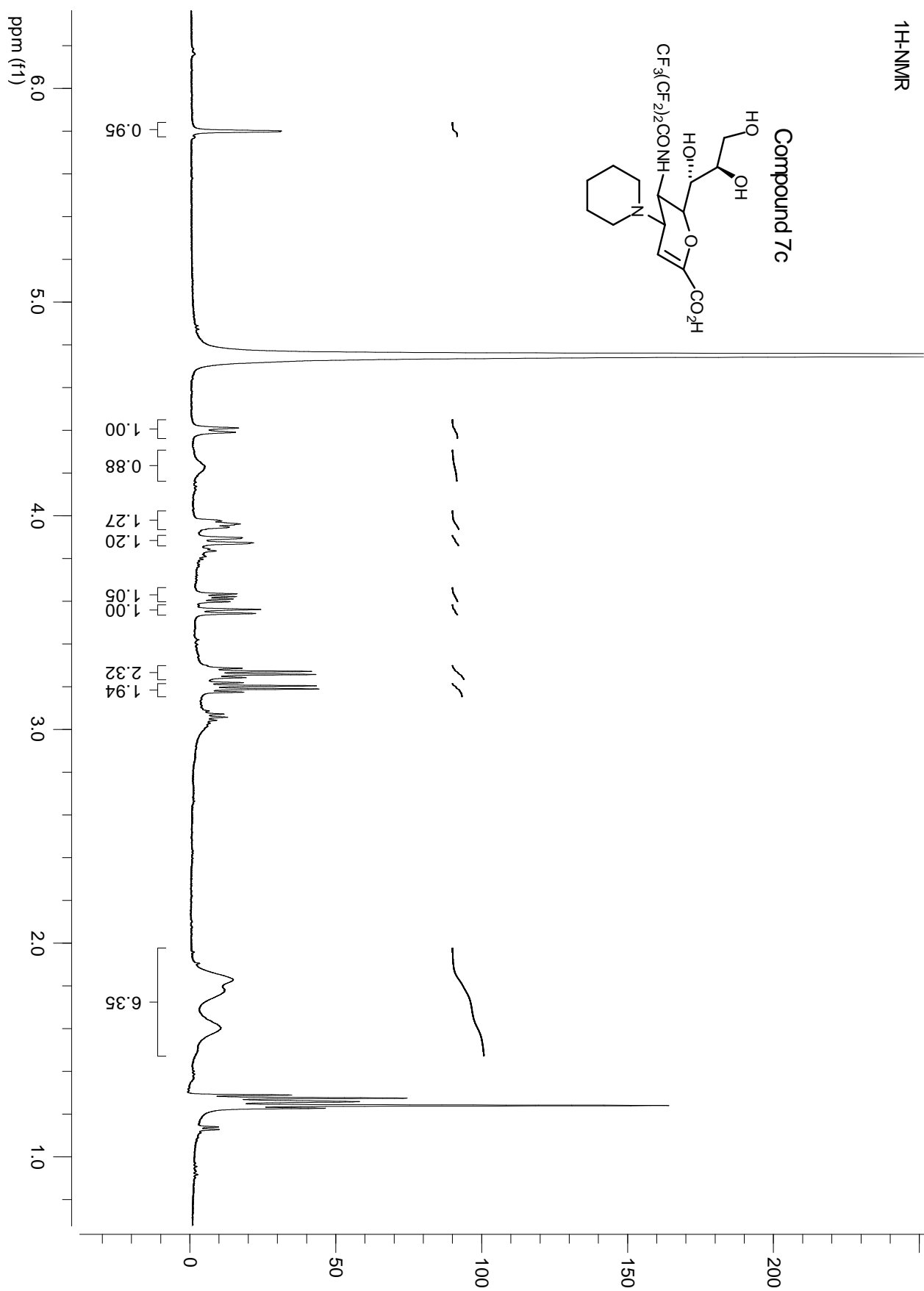
¹H NMR

Compound 6c





¹H-NMR



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