

SUPPLEMENTARY INFORMATION (2)

Synthesis of lactosamine-based building blocks and investigations of their assembly for the preparation of ¹⁹F labelled LacNAc oligomers

Cecilia Romanò,^{a,†} Stefan Oscarson^{*a}

Author affiliations

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[†] Present address: Department of Chemistry, Technical University of Denmark, Kemitorvet 207, Kgs. Lyngby, Denmark

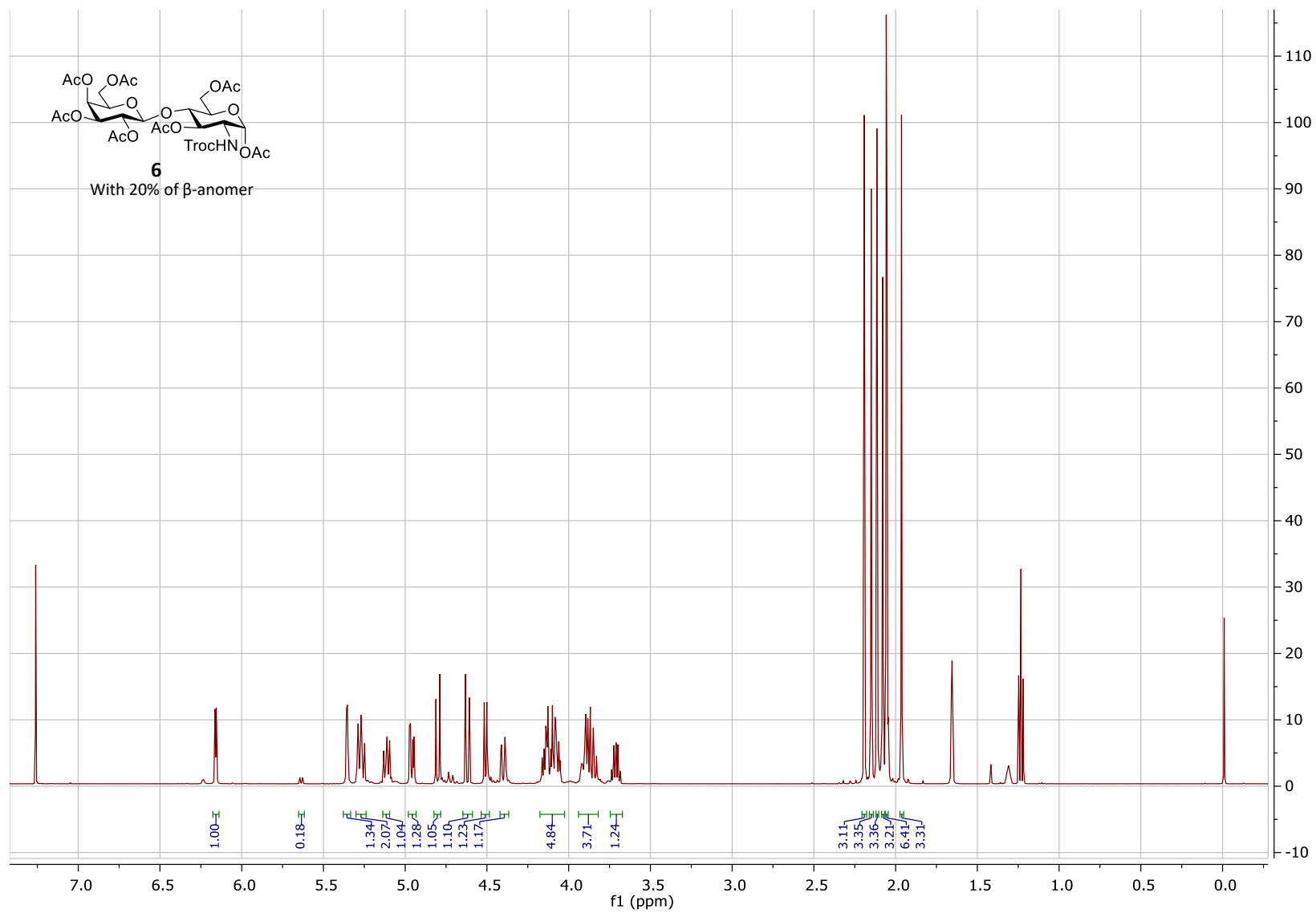
*Corresponding author

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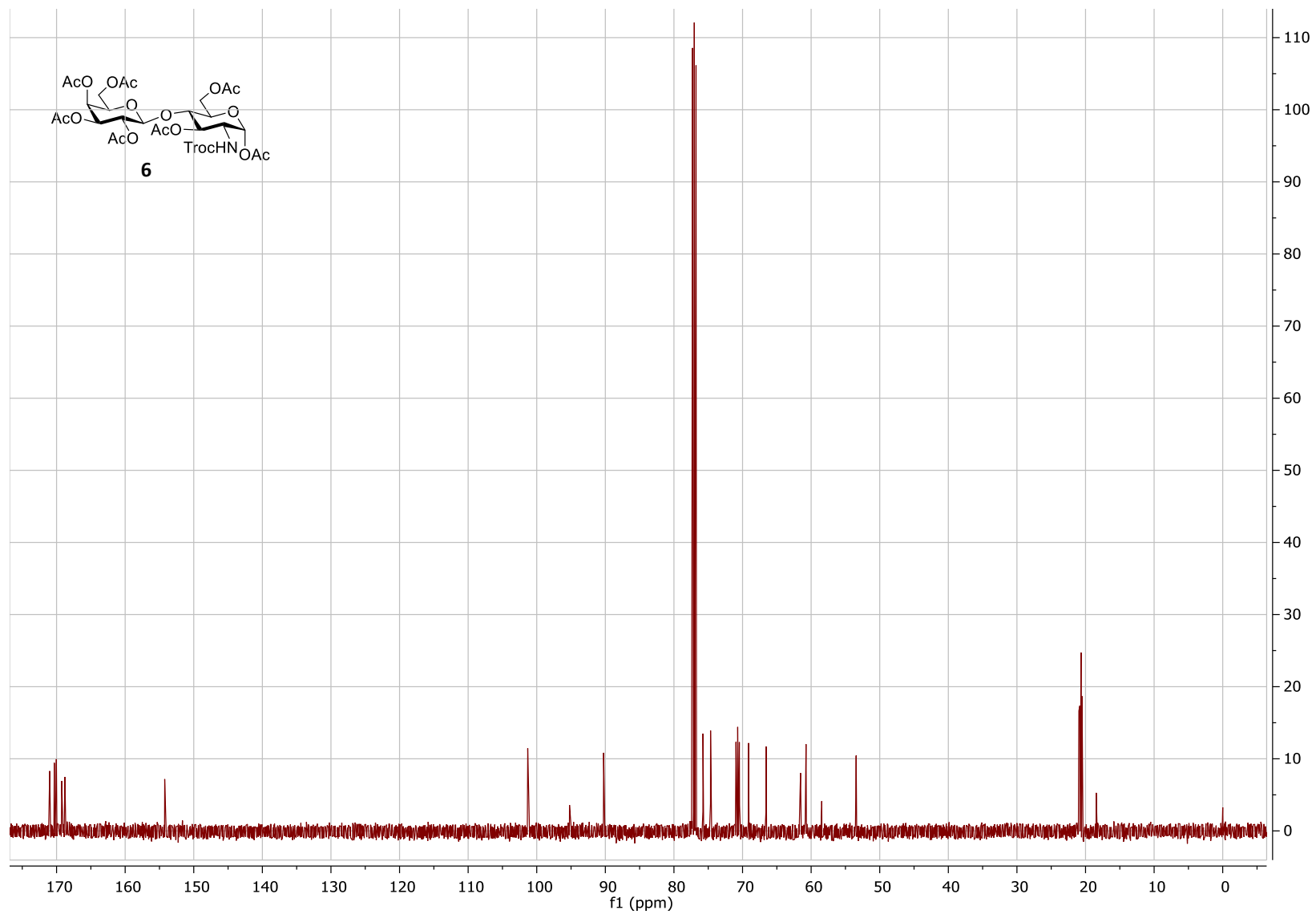
Compound 6:	S3
Compound 7:	S5
Compound 8:	S7
Compound 9:	S9
Compound 10:	S11
Compound 11:	S13
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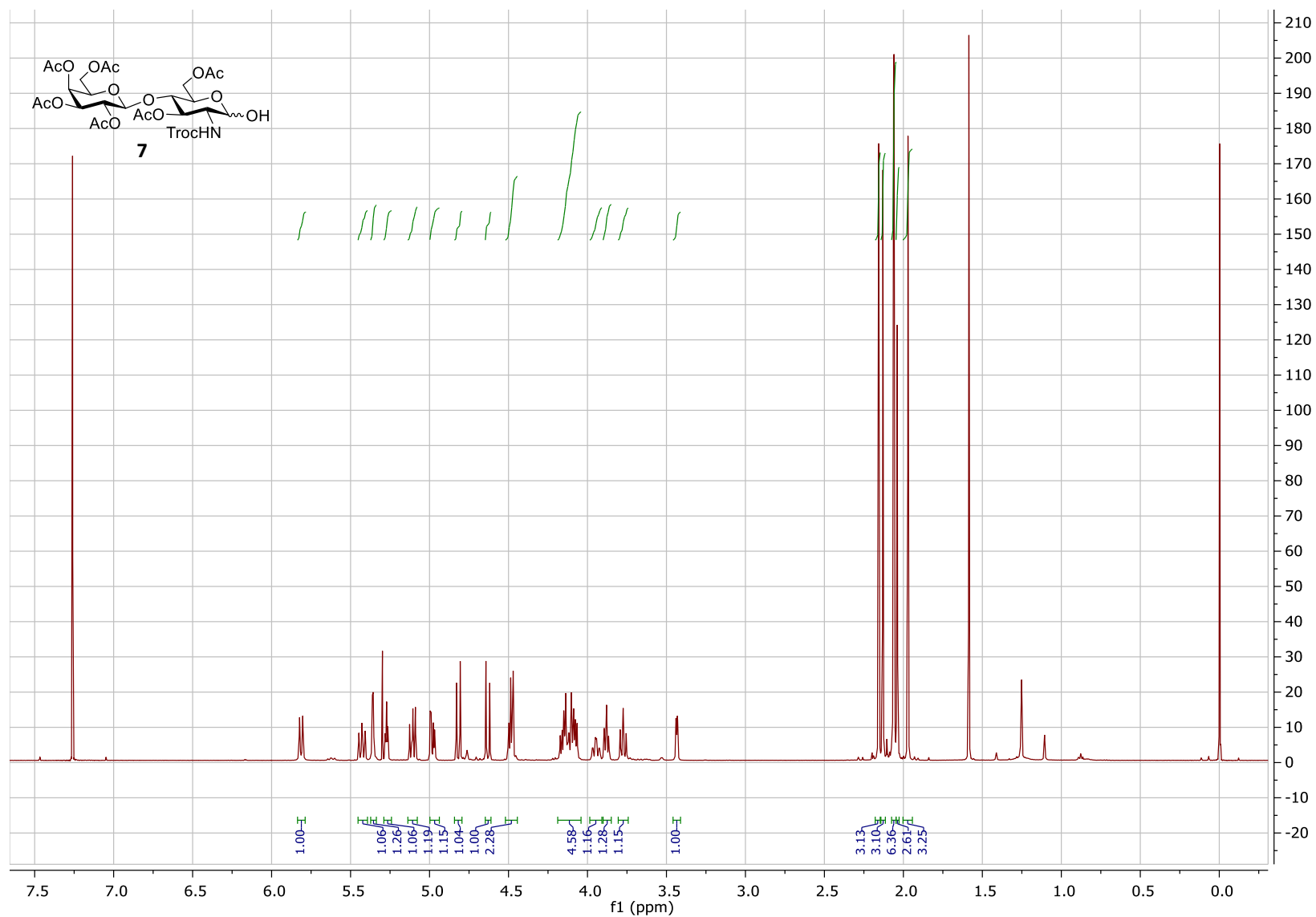
Compound 6:
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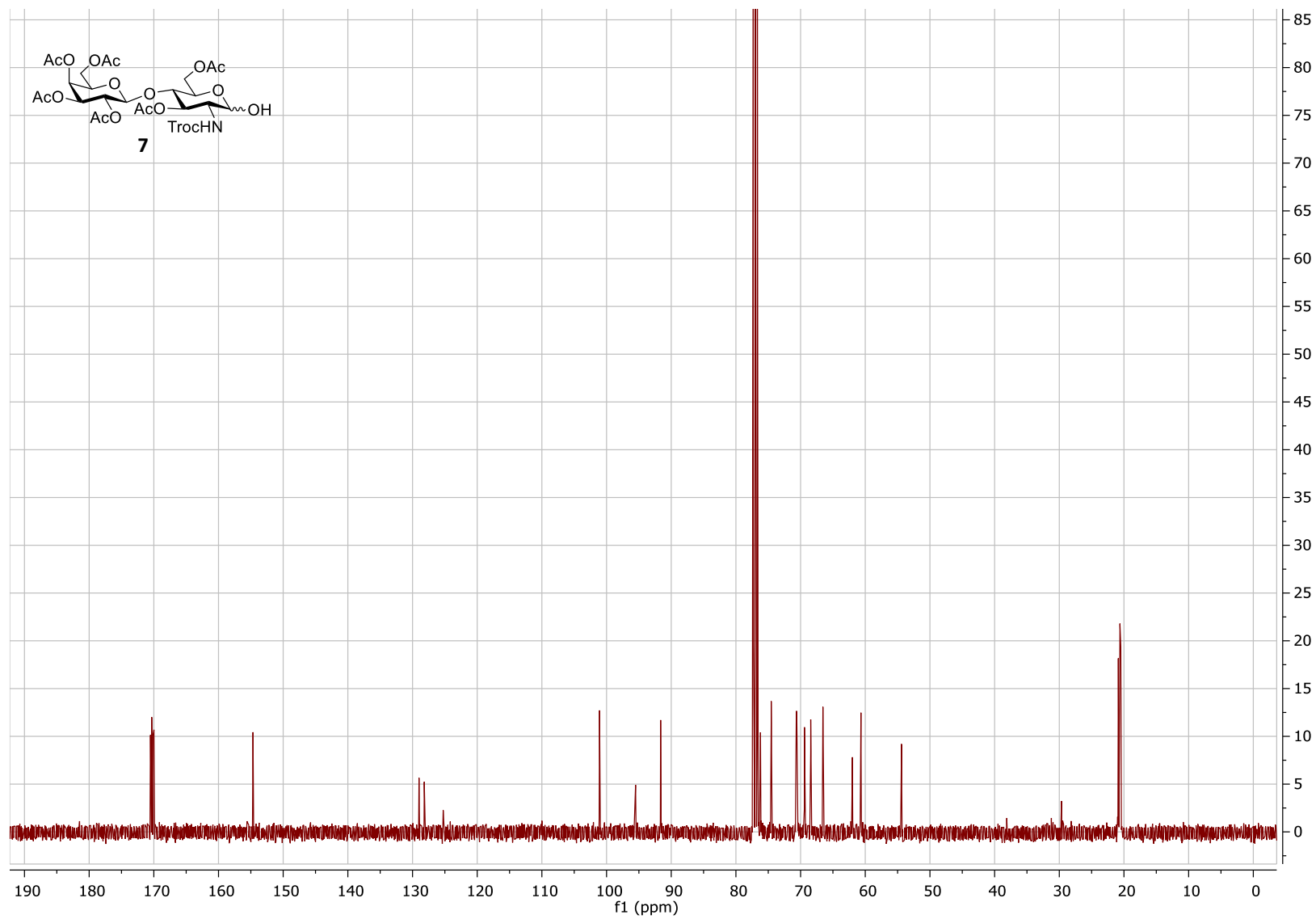
Compound 6:
¹³C NMR



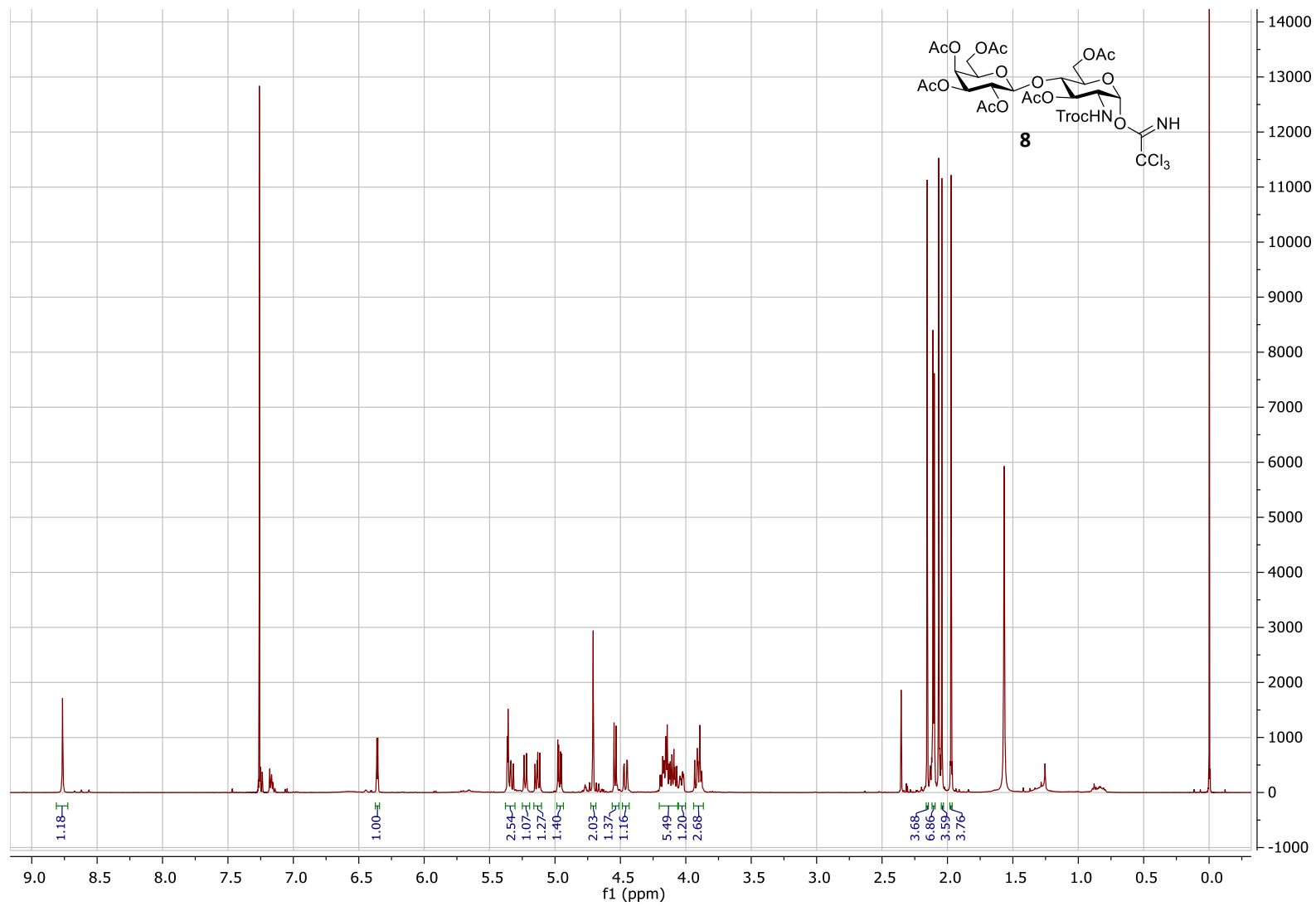
Compound 7:
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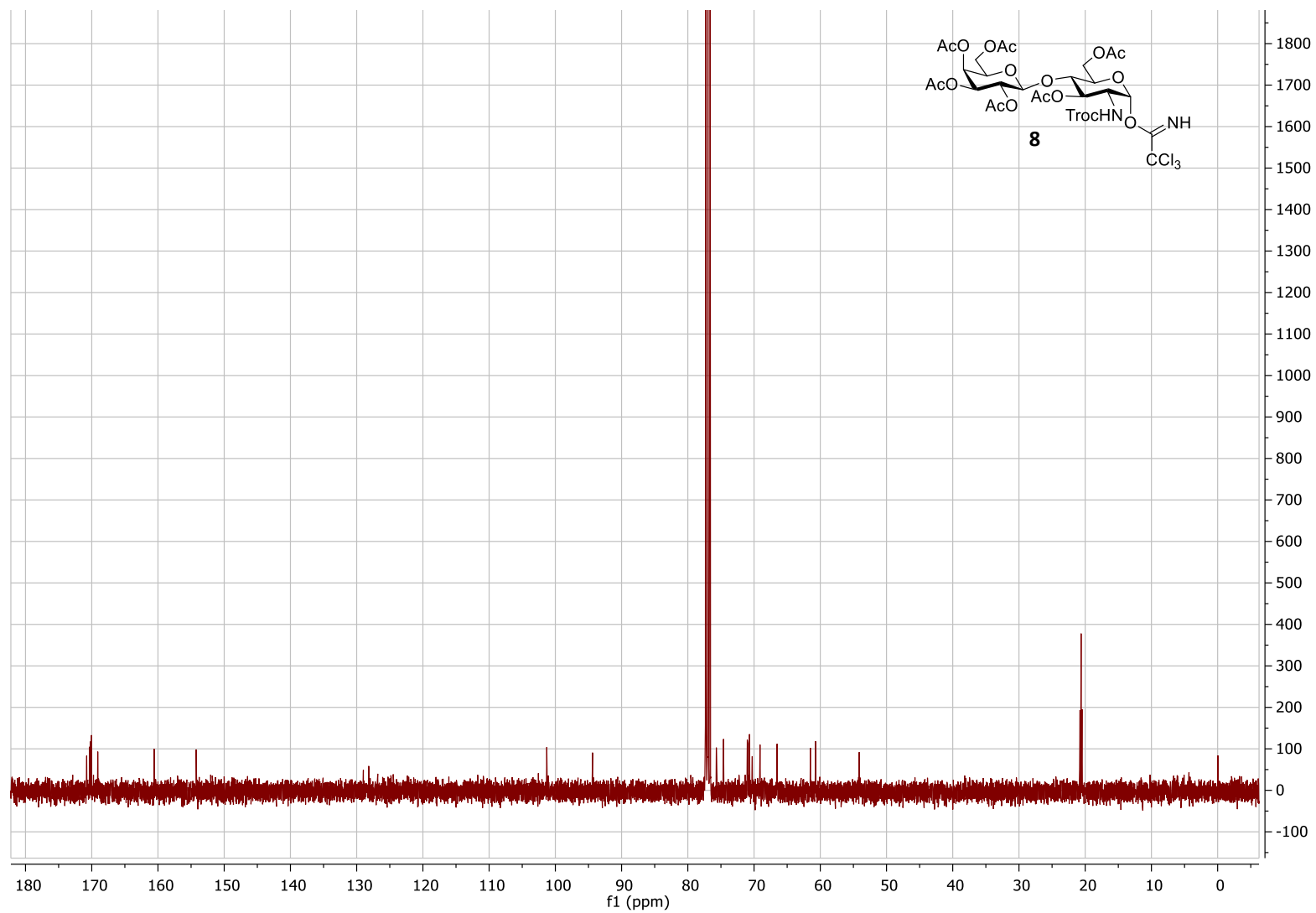
Compound 7:
¹³C NMR



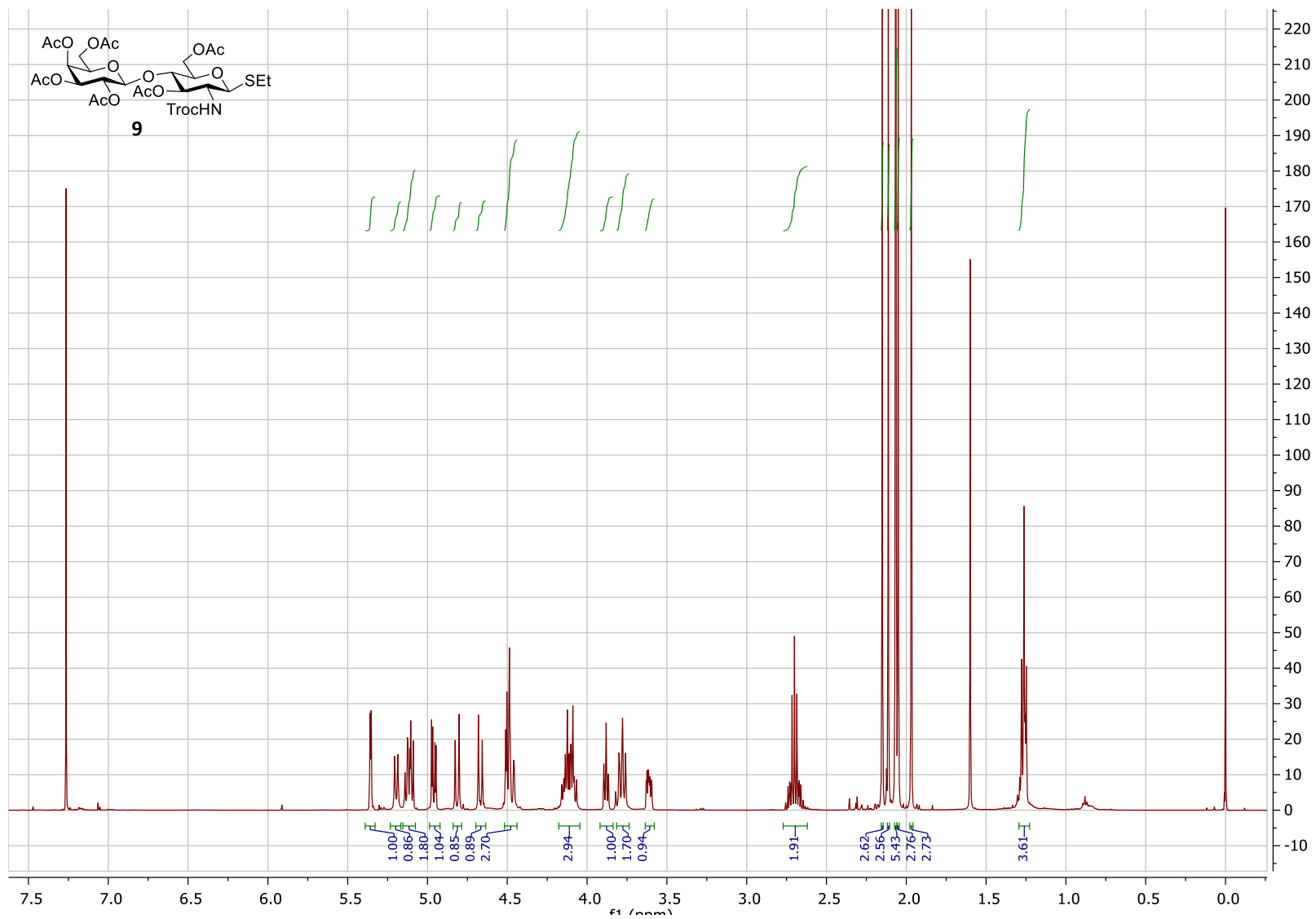
Compound 8:
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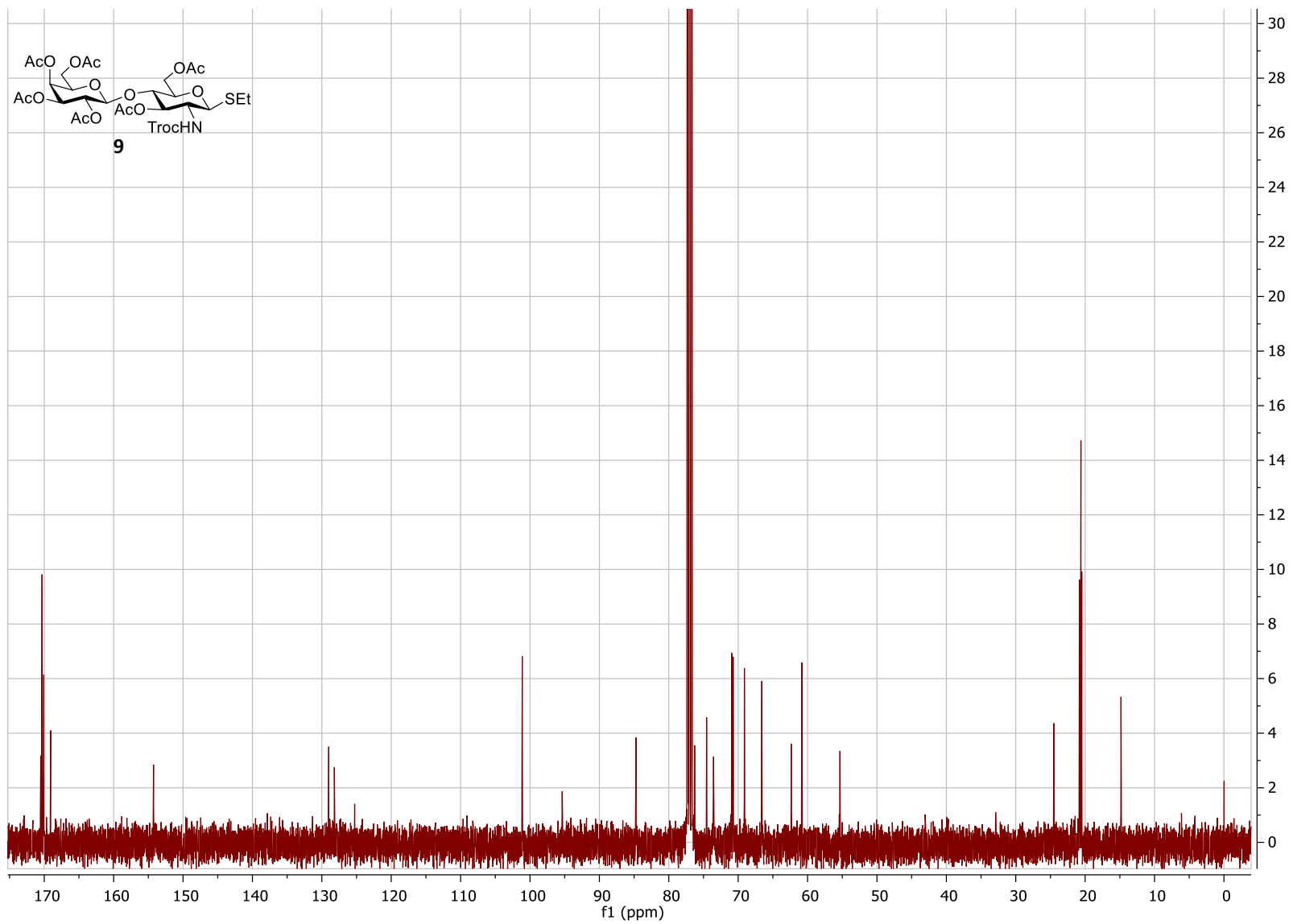
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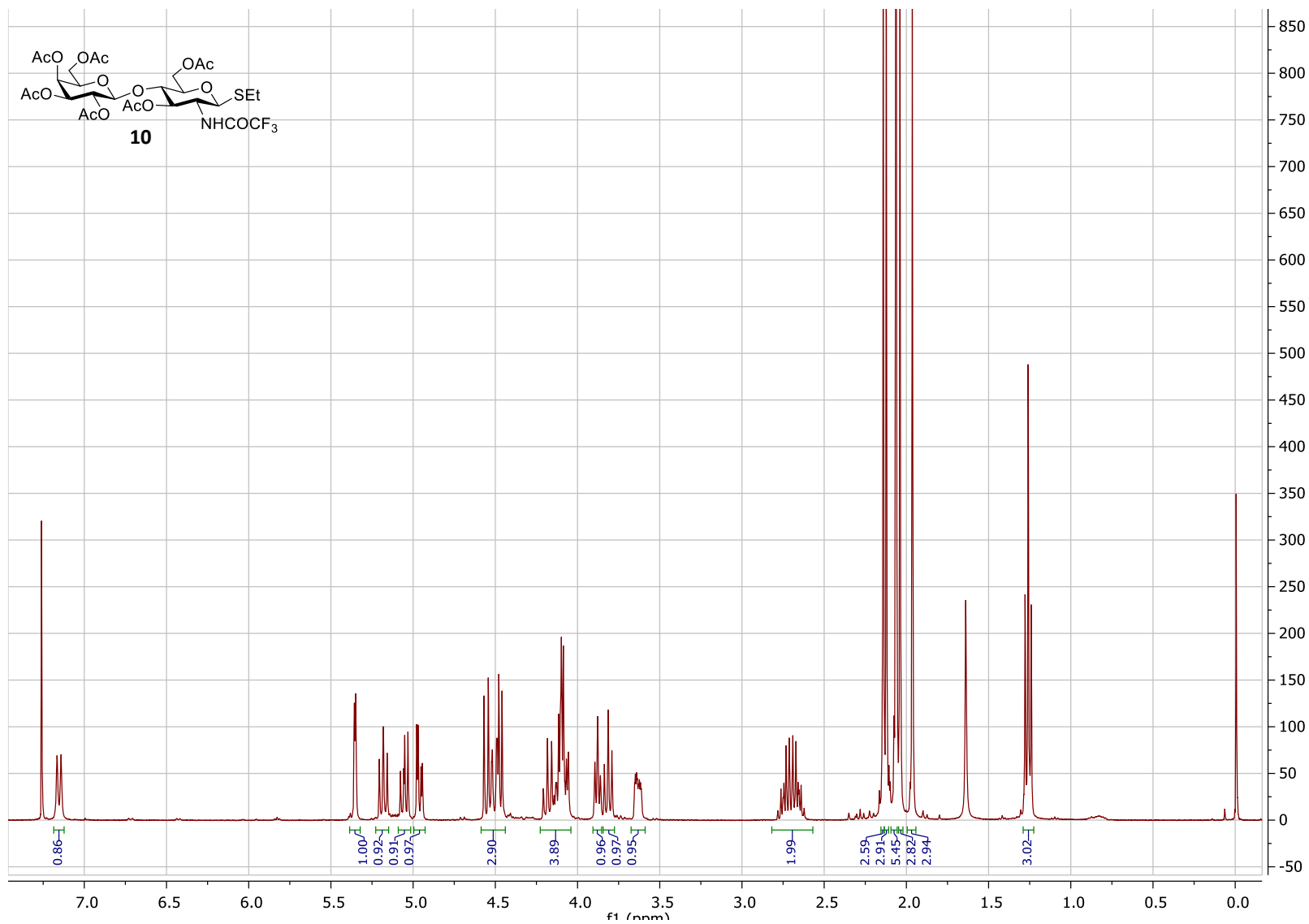
Compound 9:
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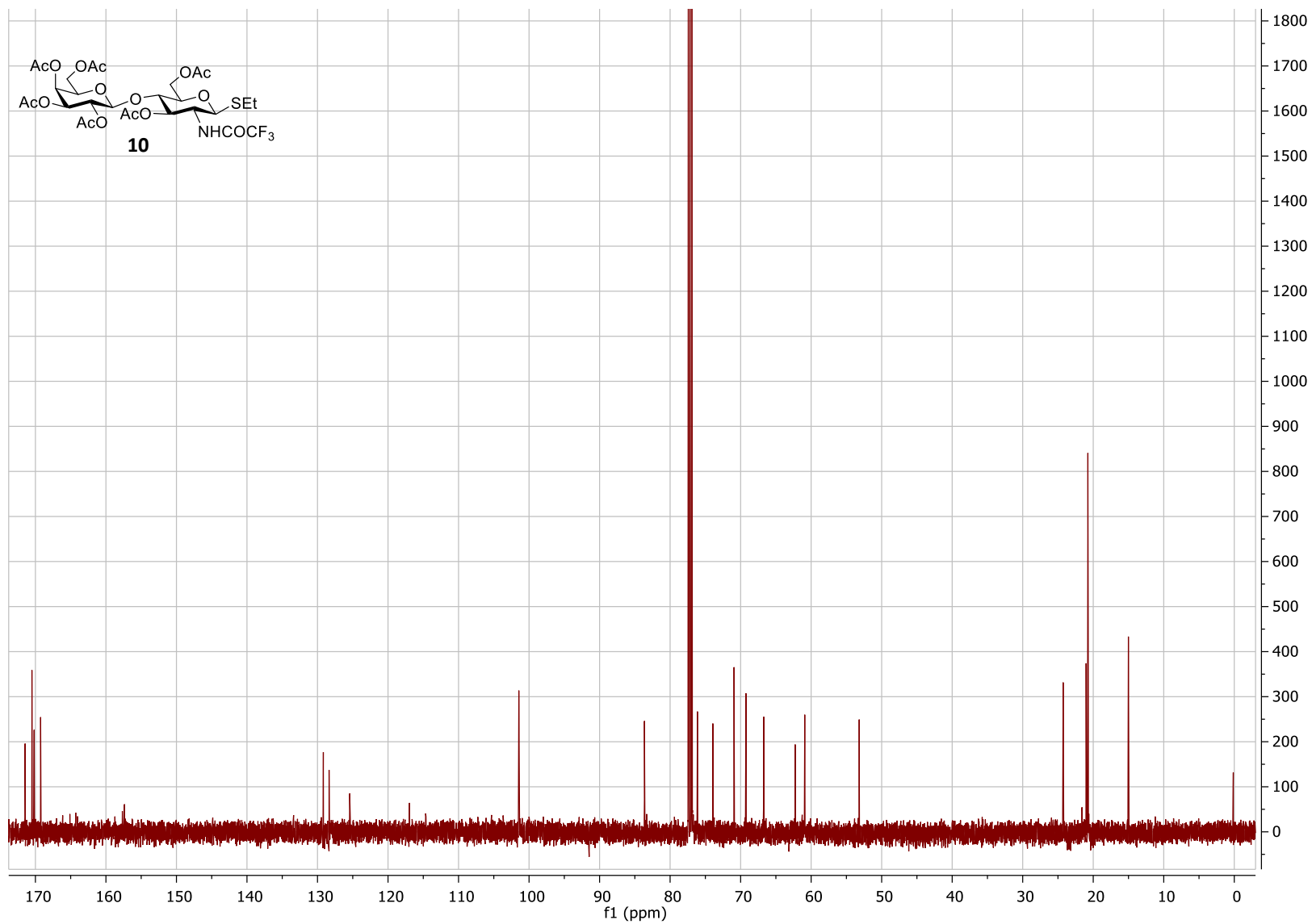
Compound **9**:
¹³C NMR



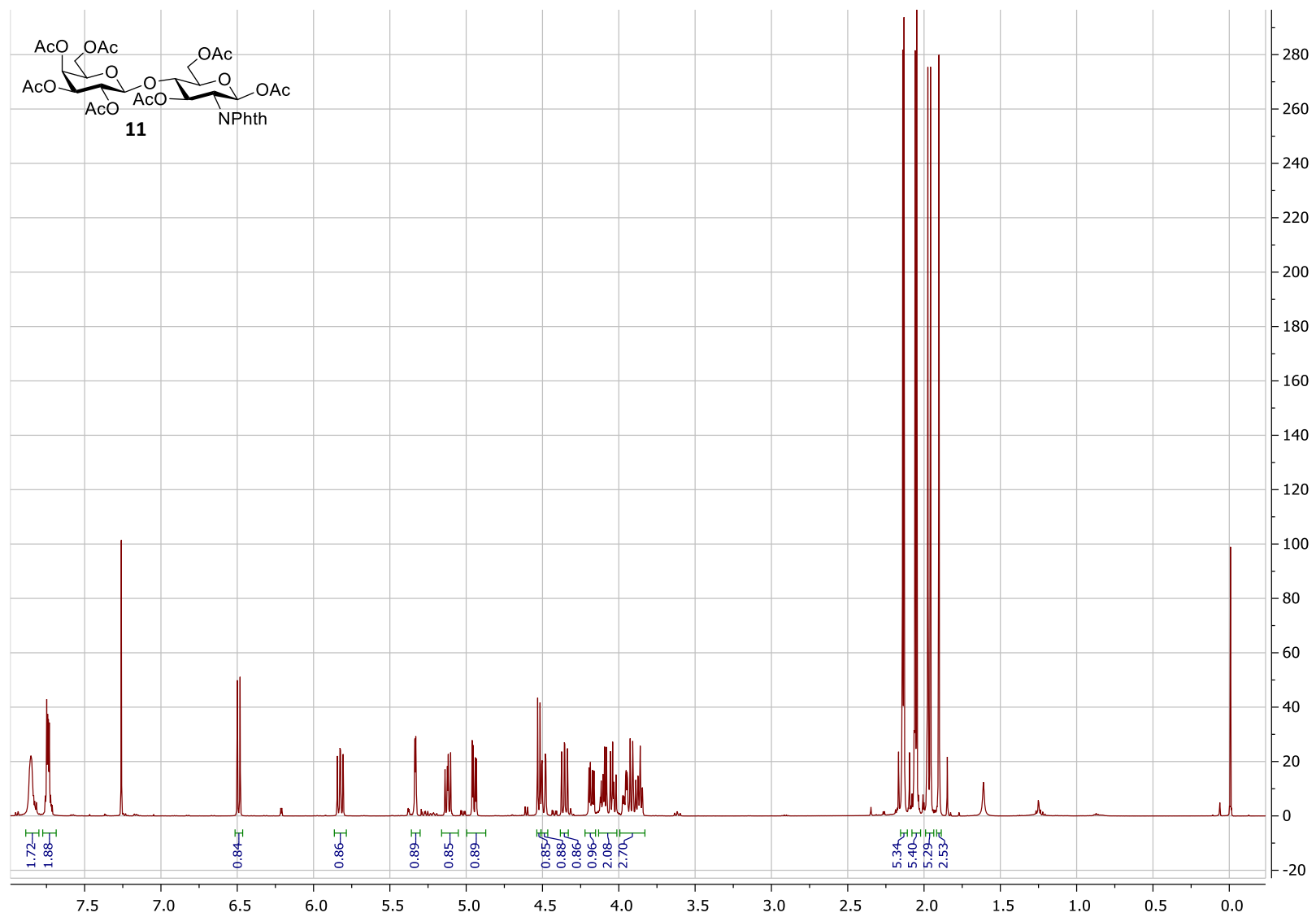
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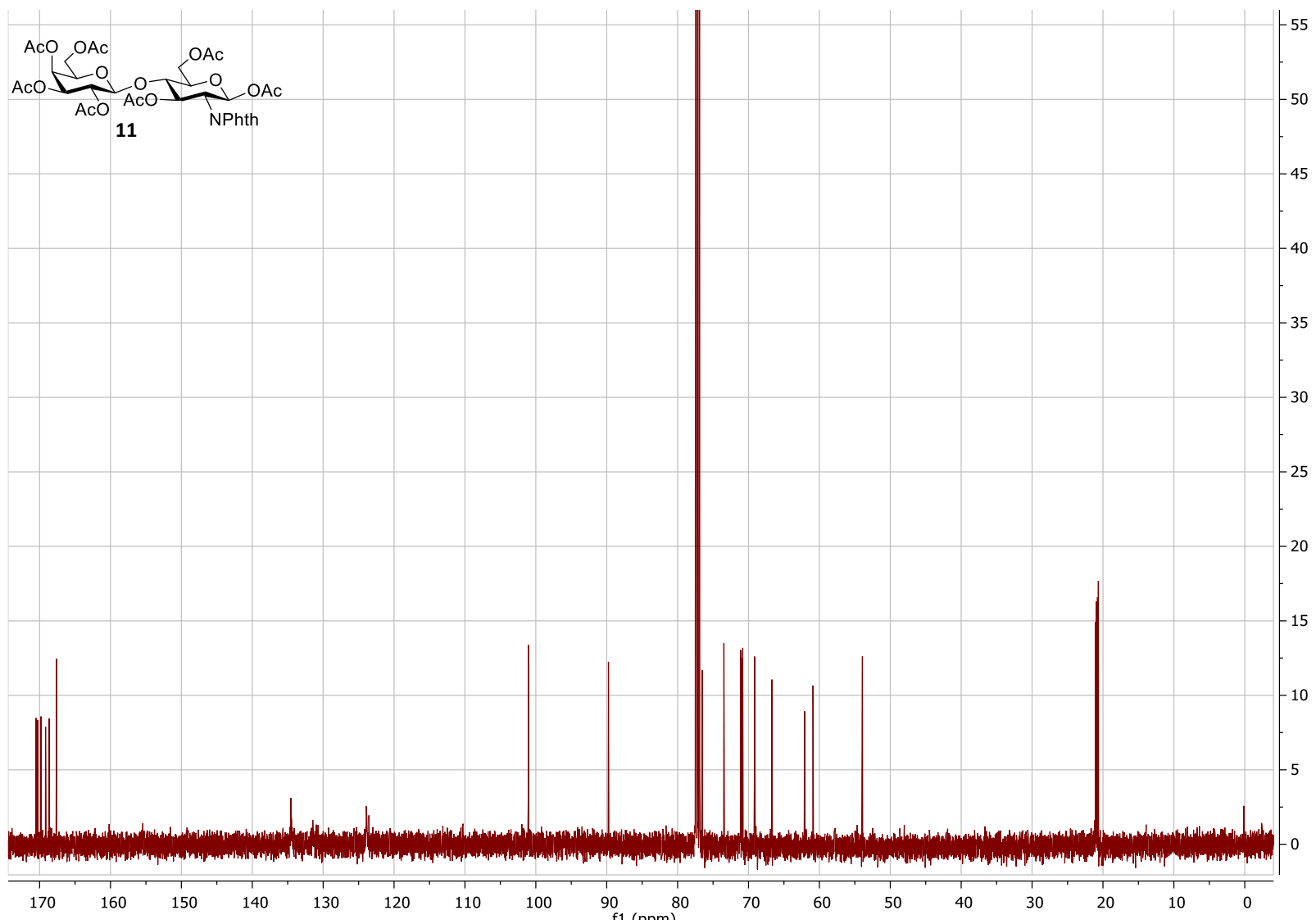
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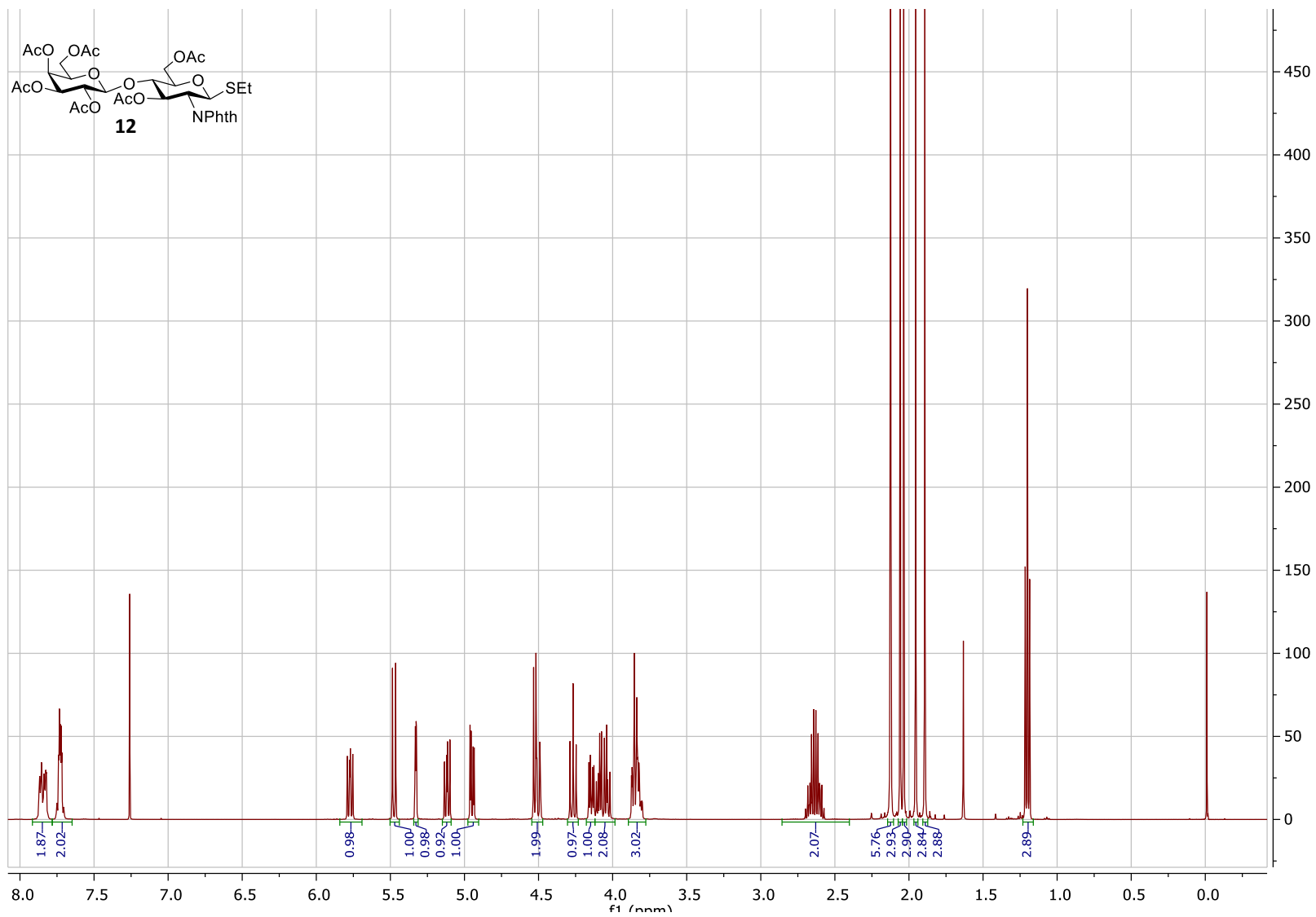
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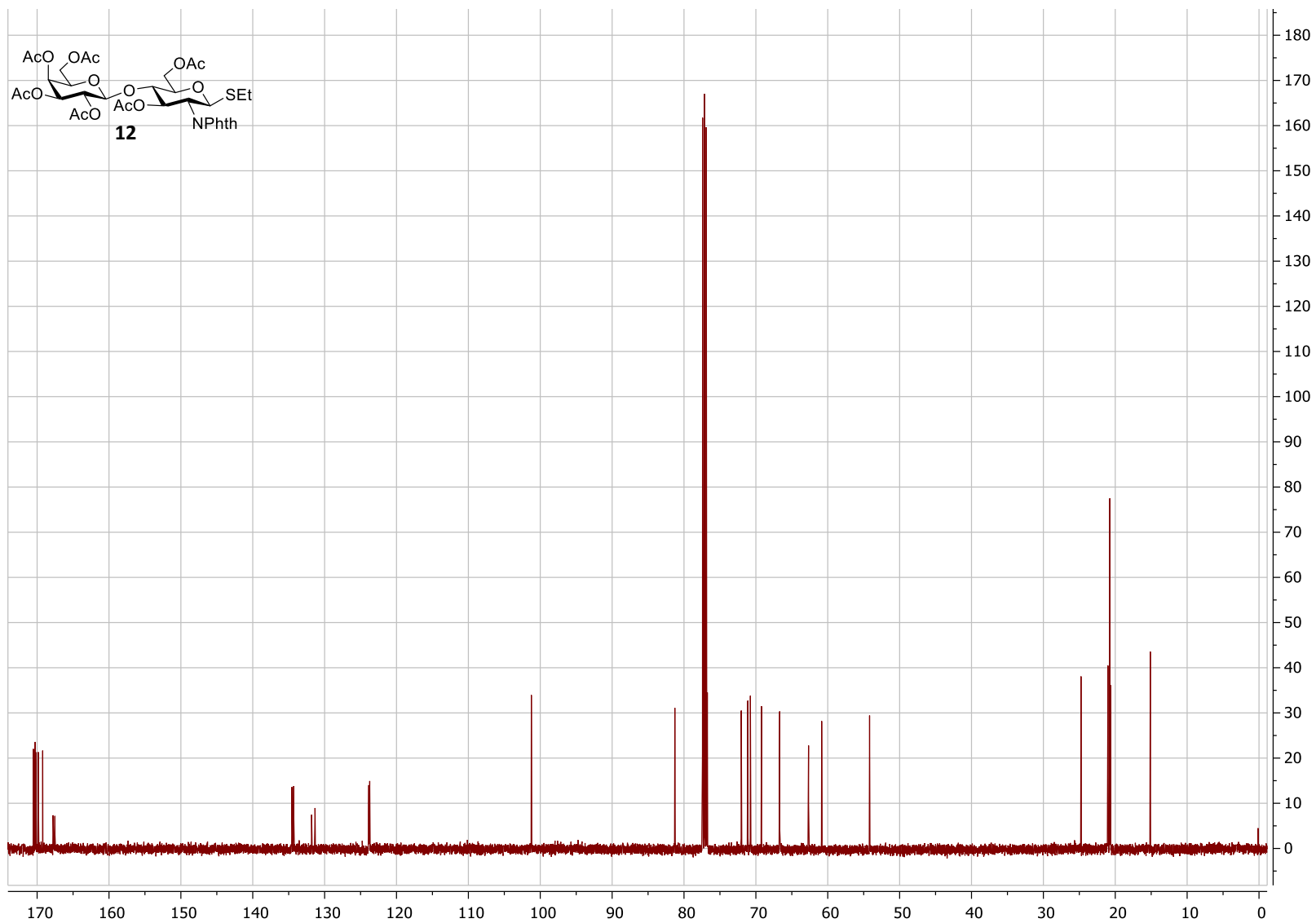
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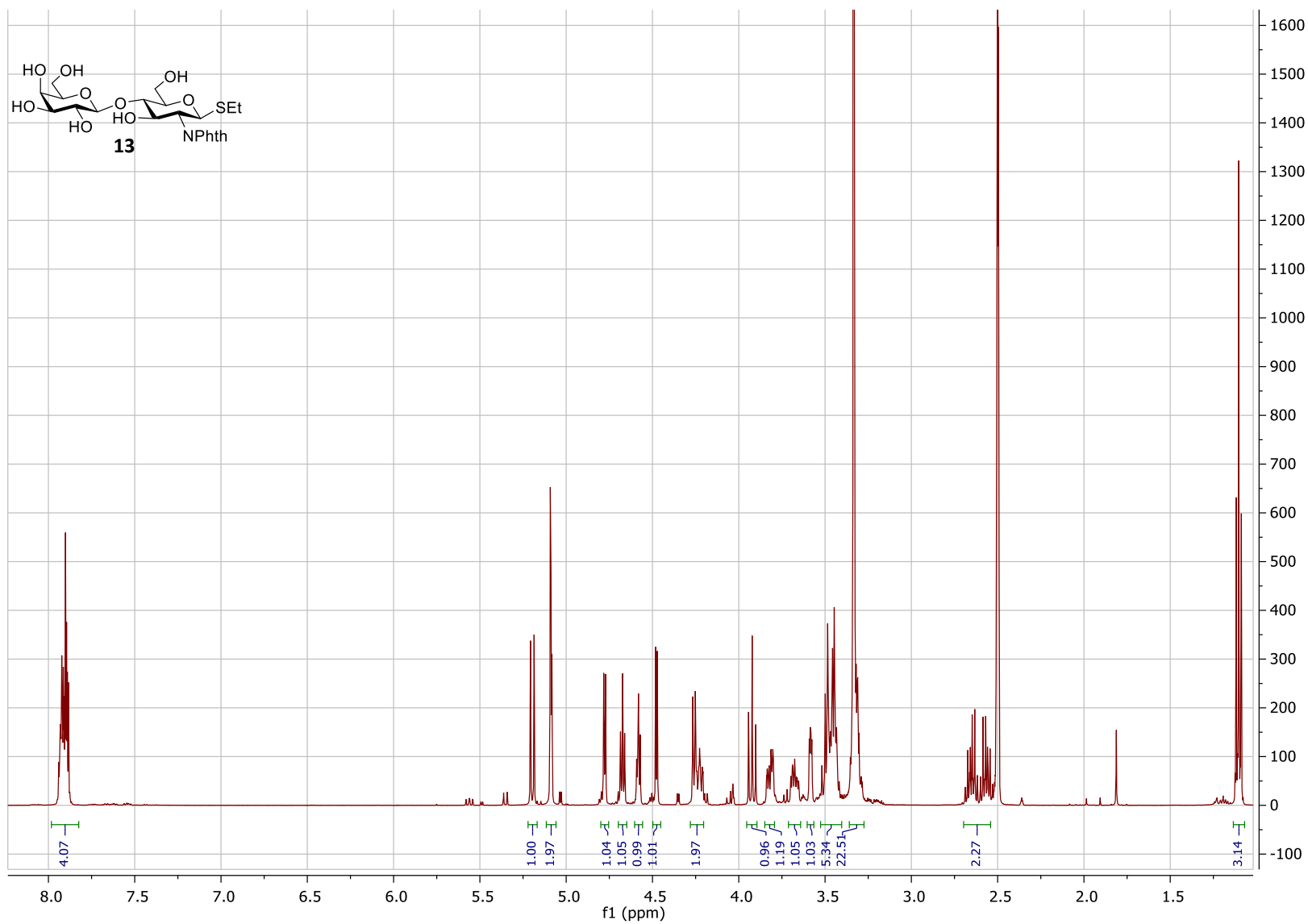
Compound **12**:
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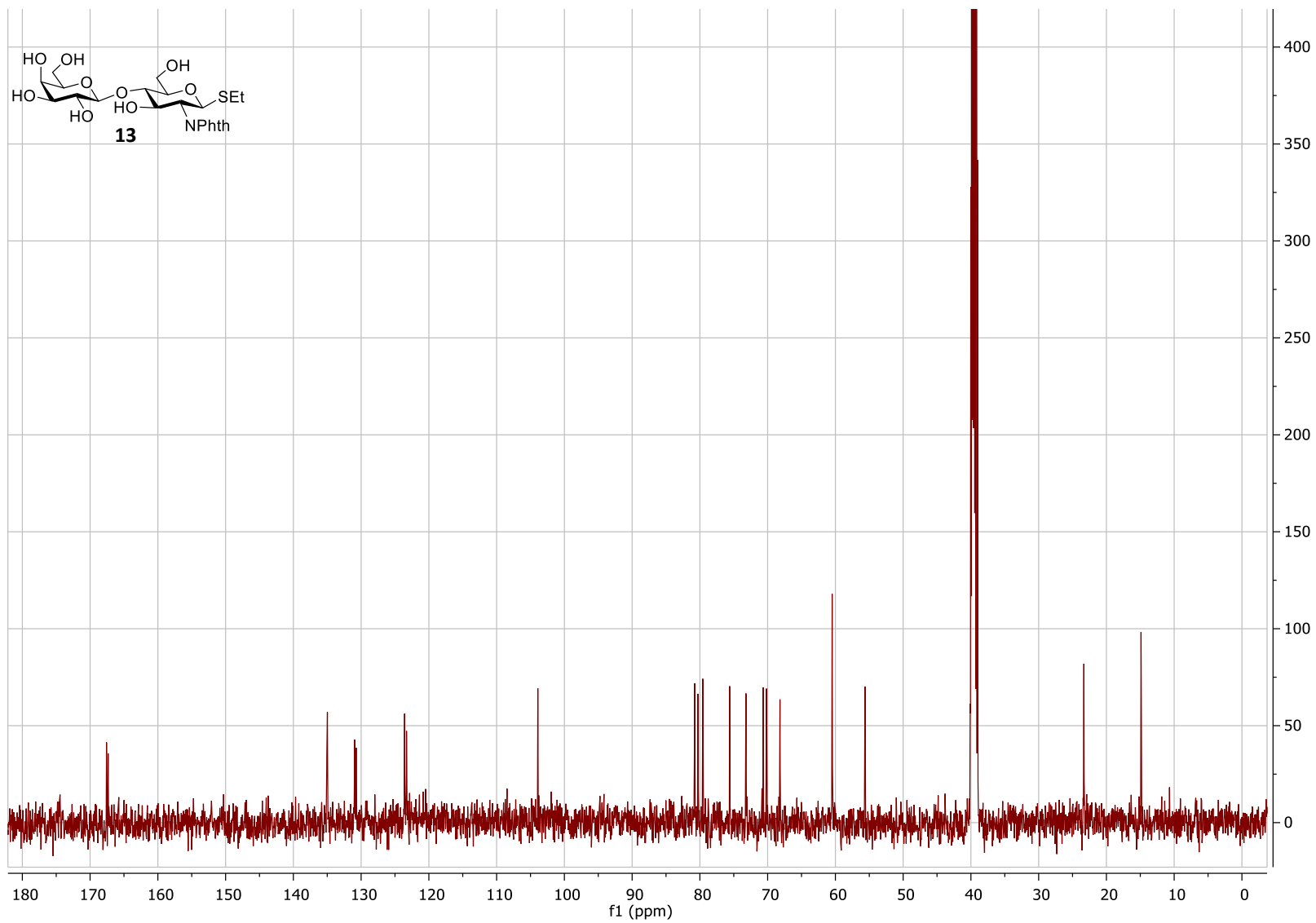
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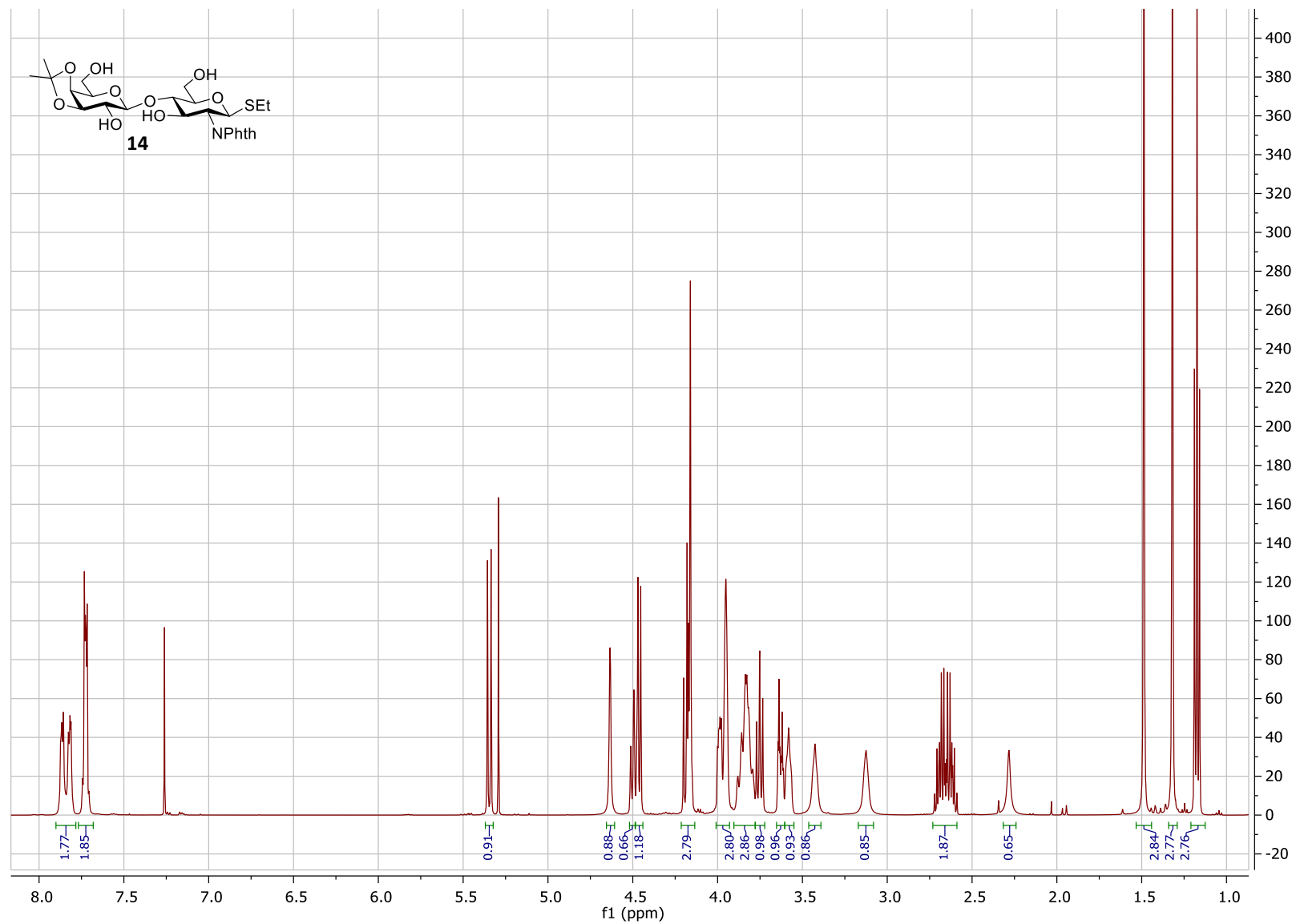
Compound **13**:
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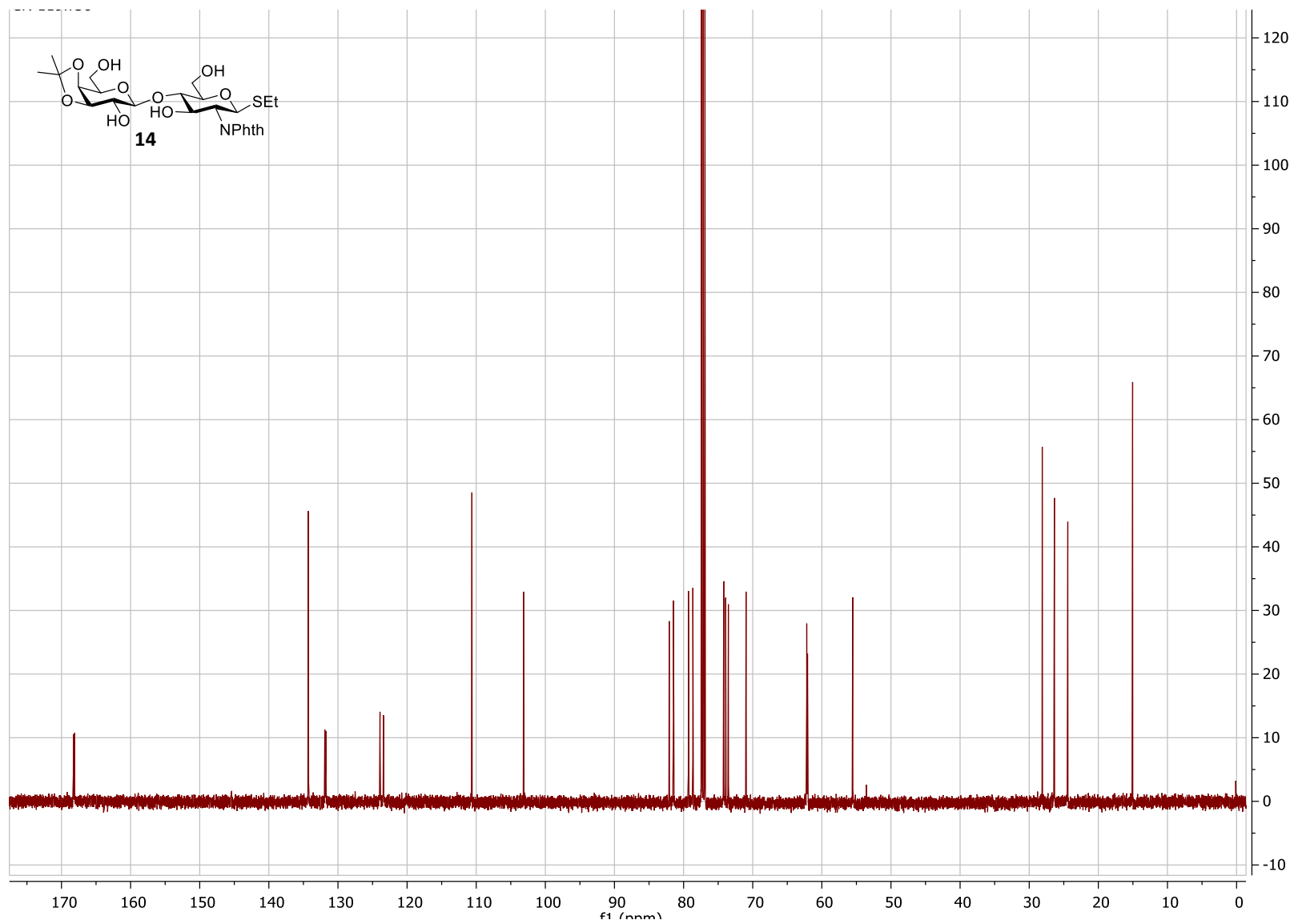
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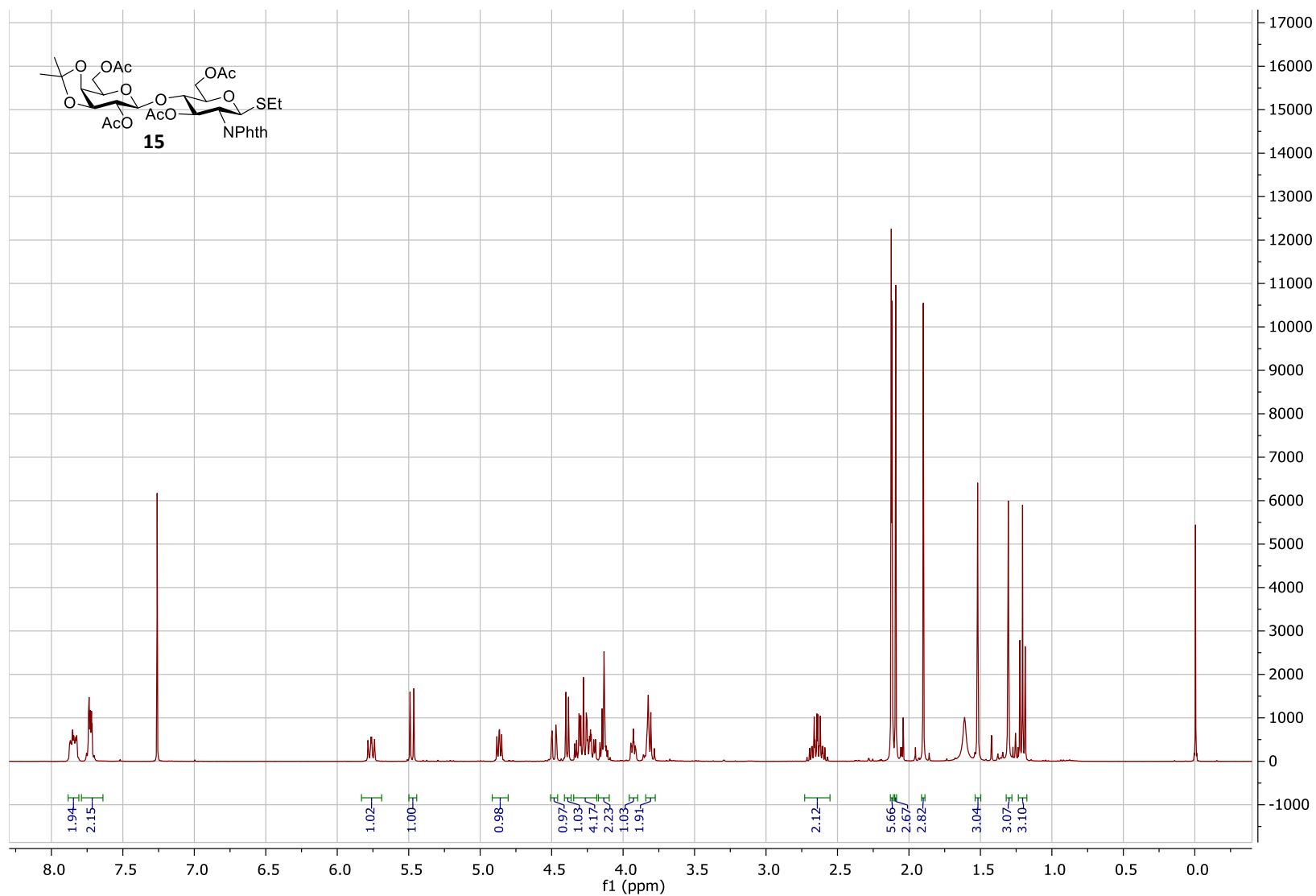
Compound **14**:
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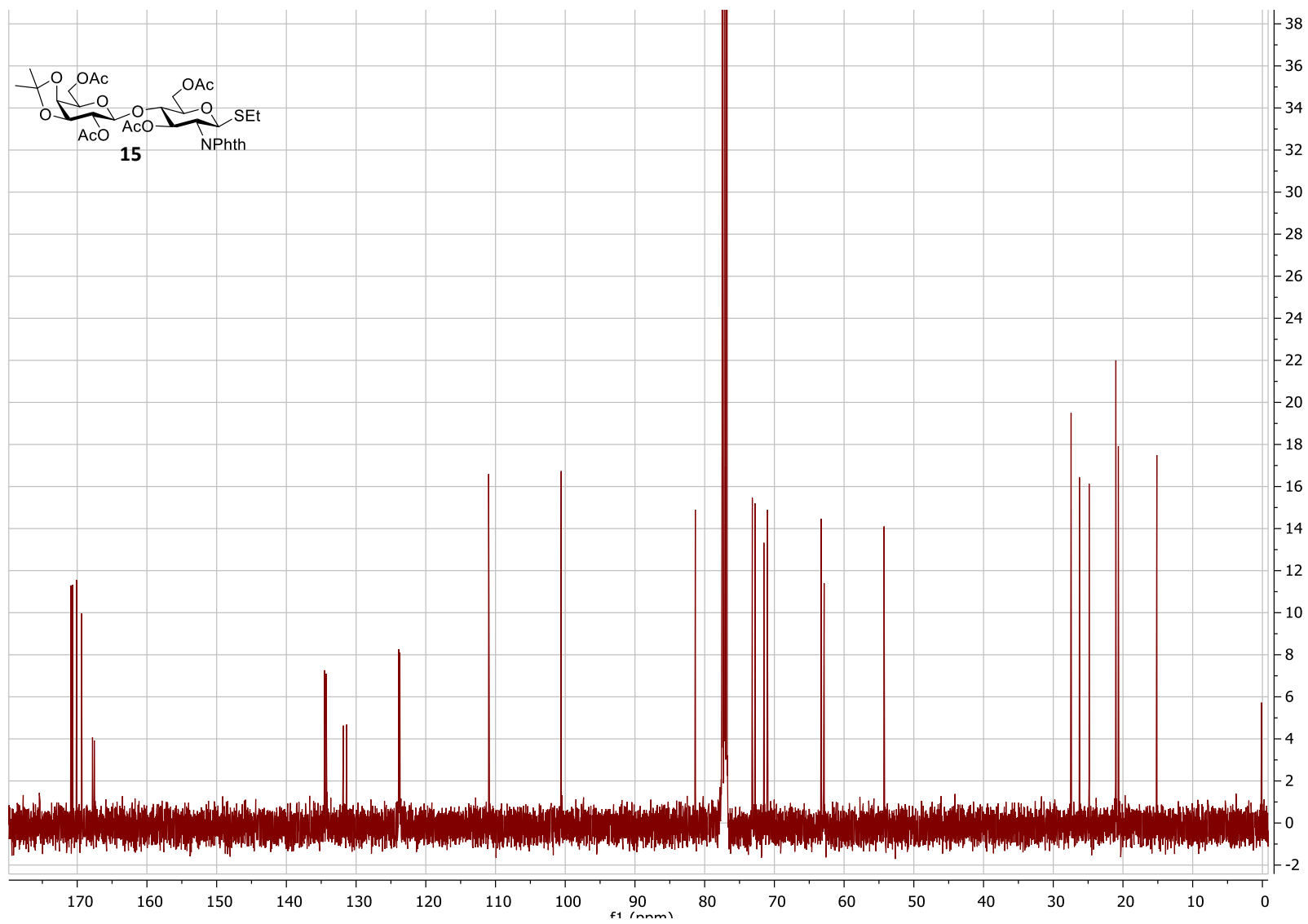
Compound **14**:
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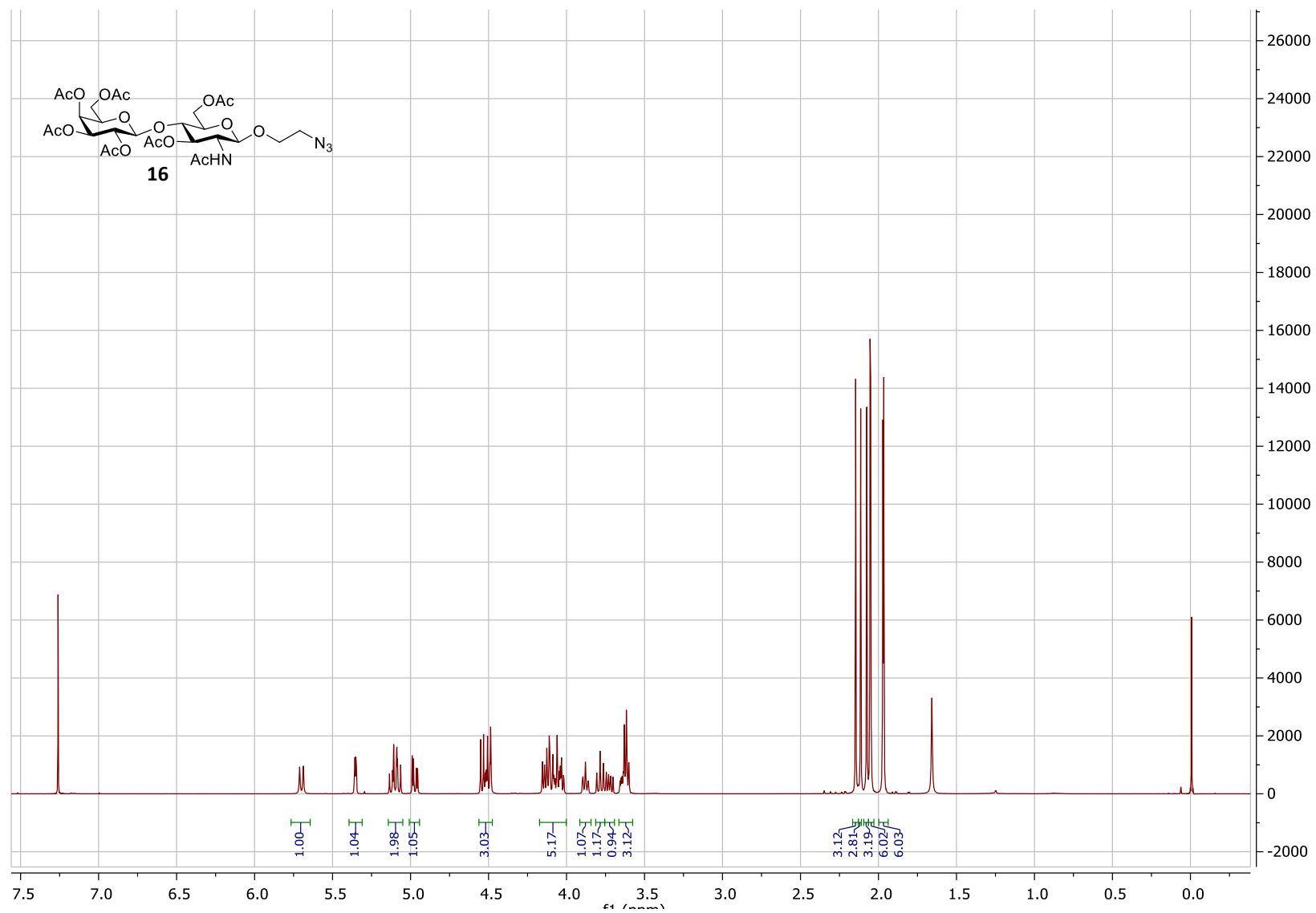
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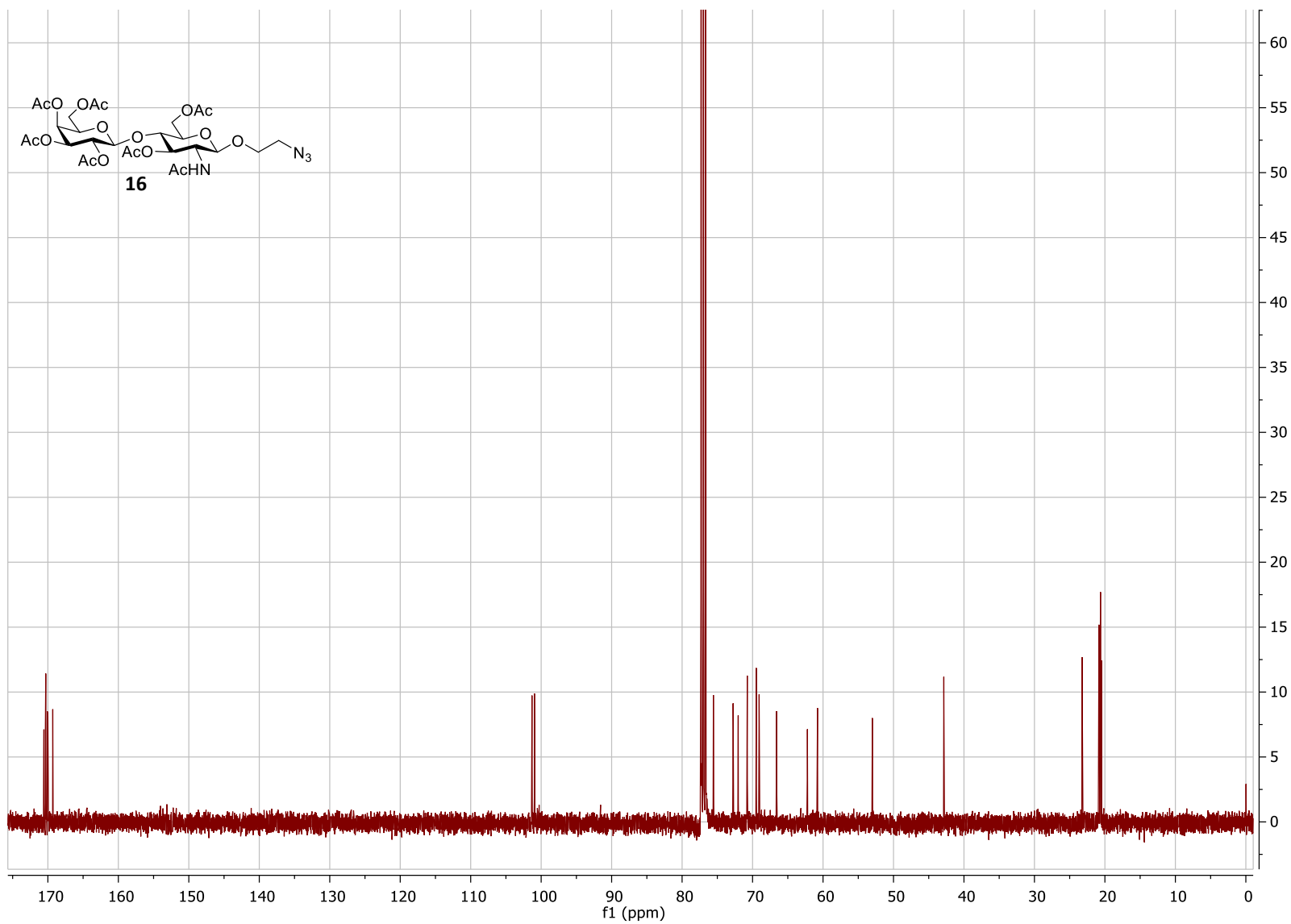
Compound **15**:
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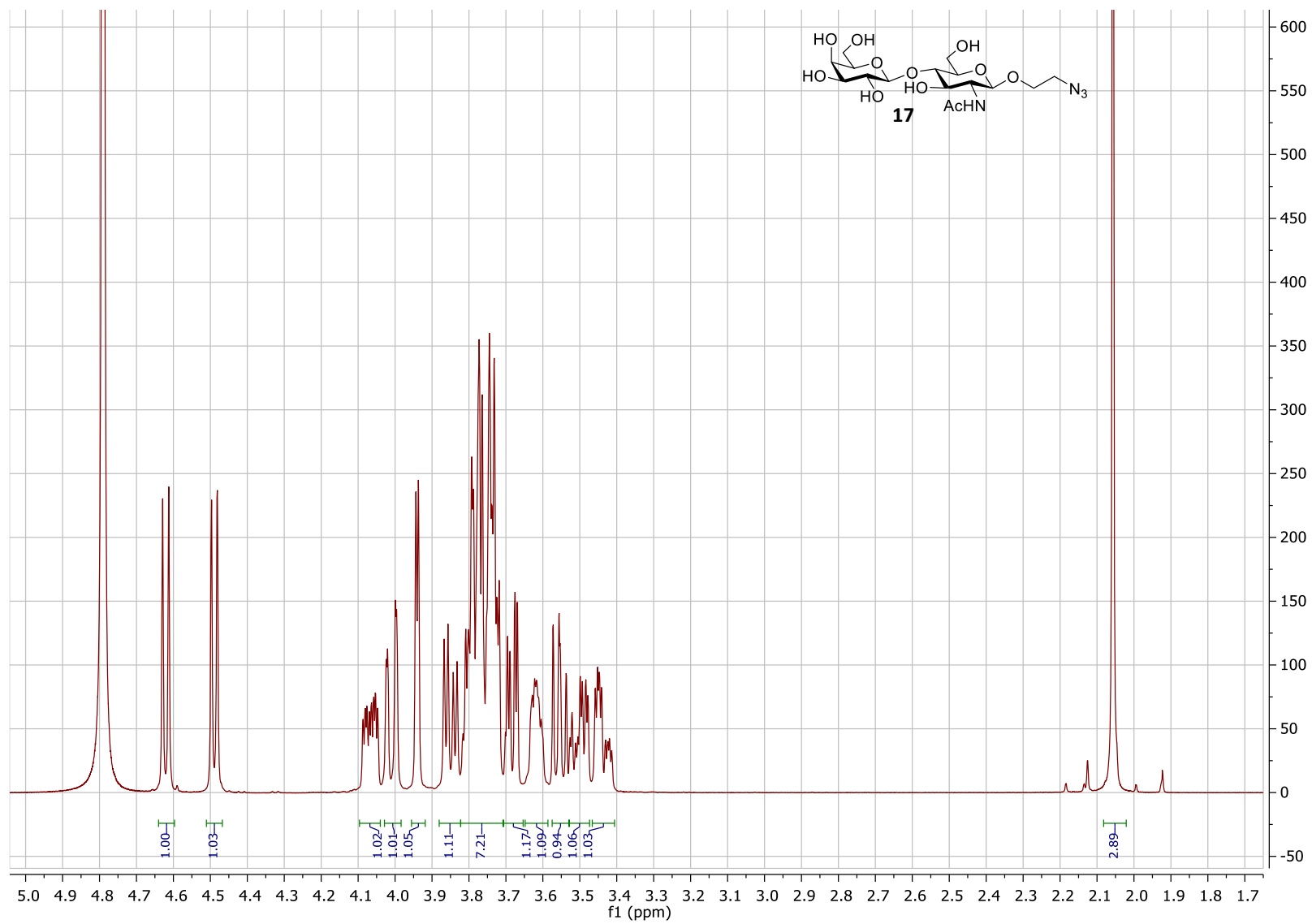
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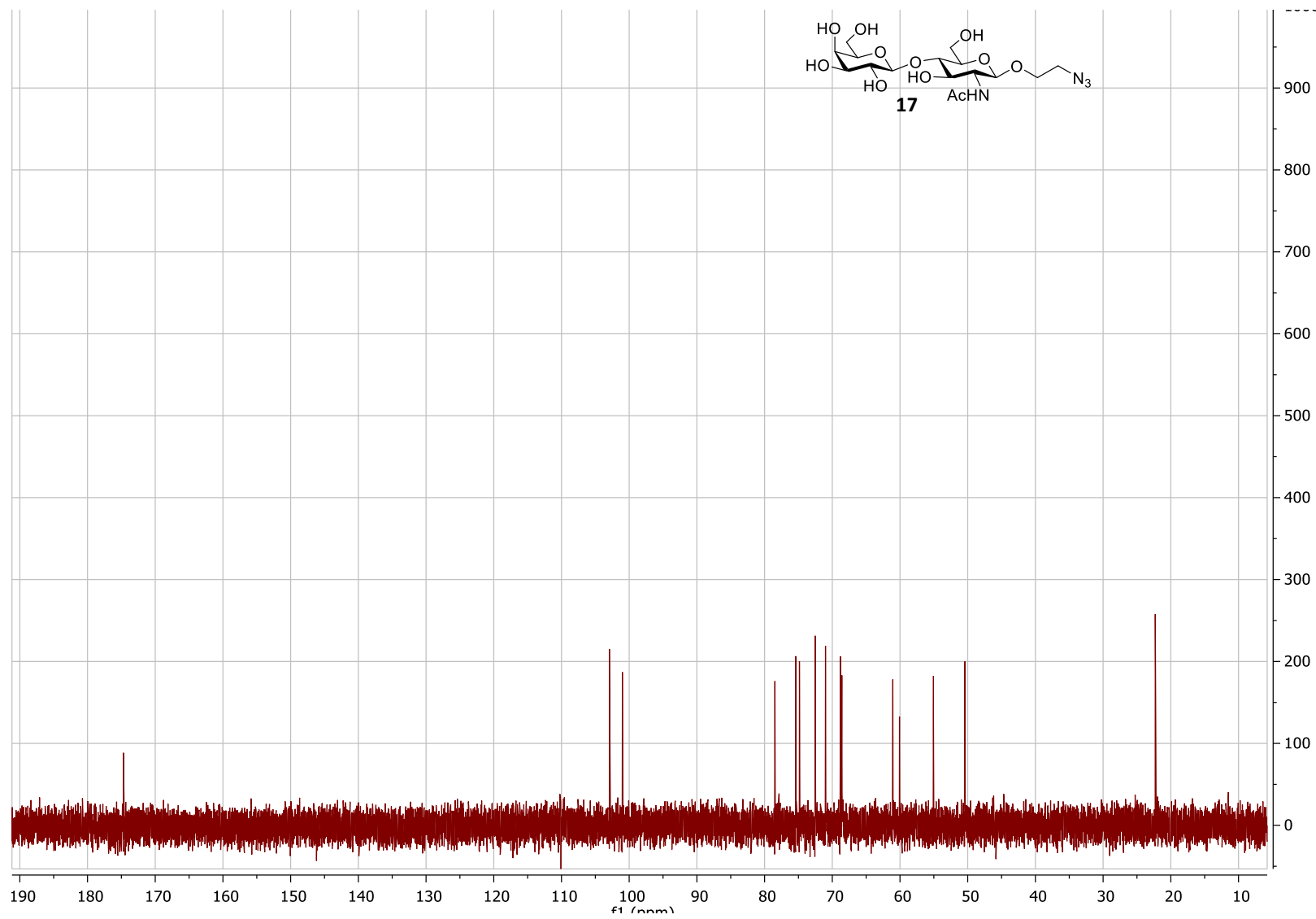
Compound **16**:
¹³C NMR



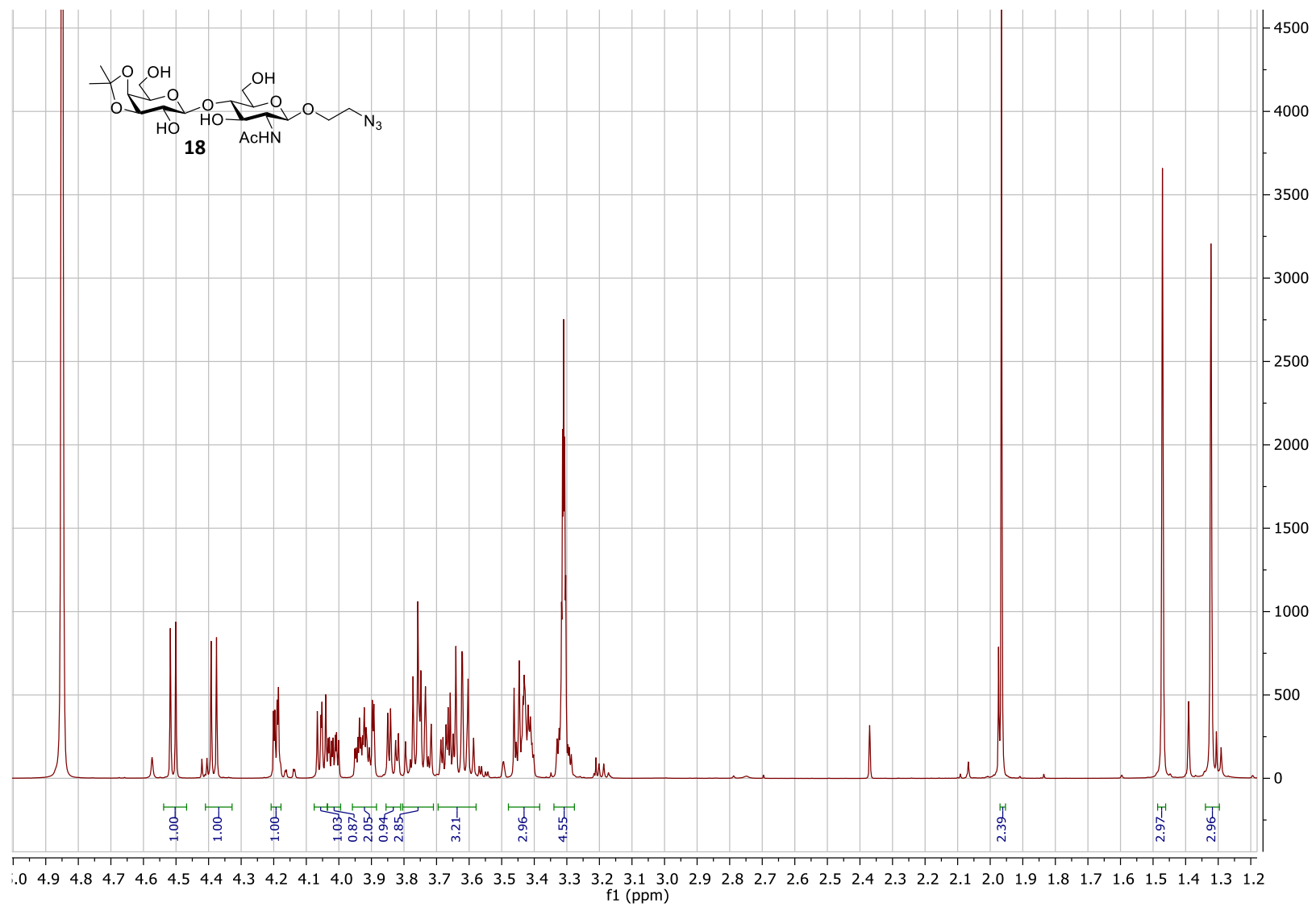
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¹H NMR



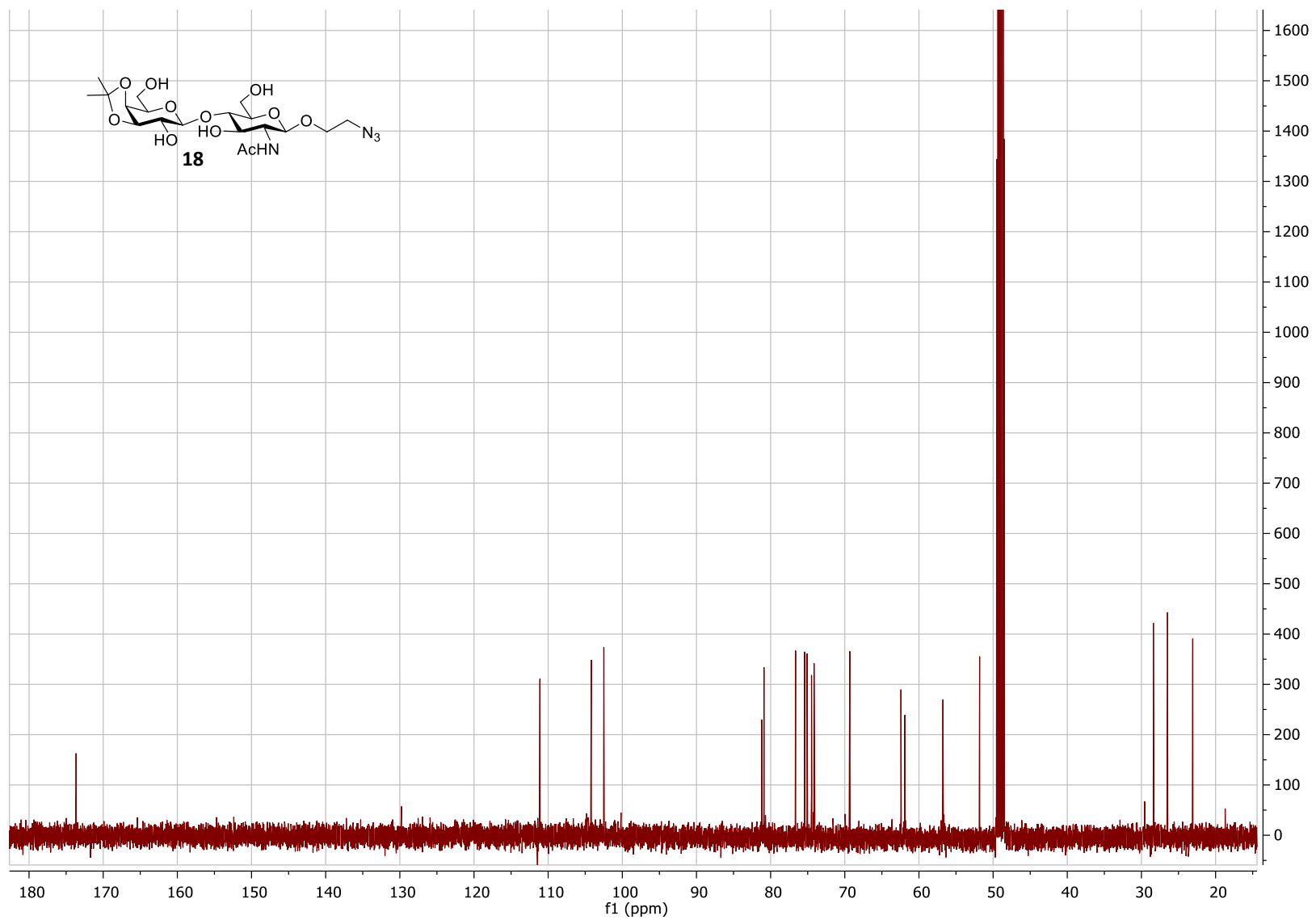
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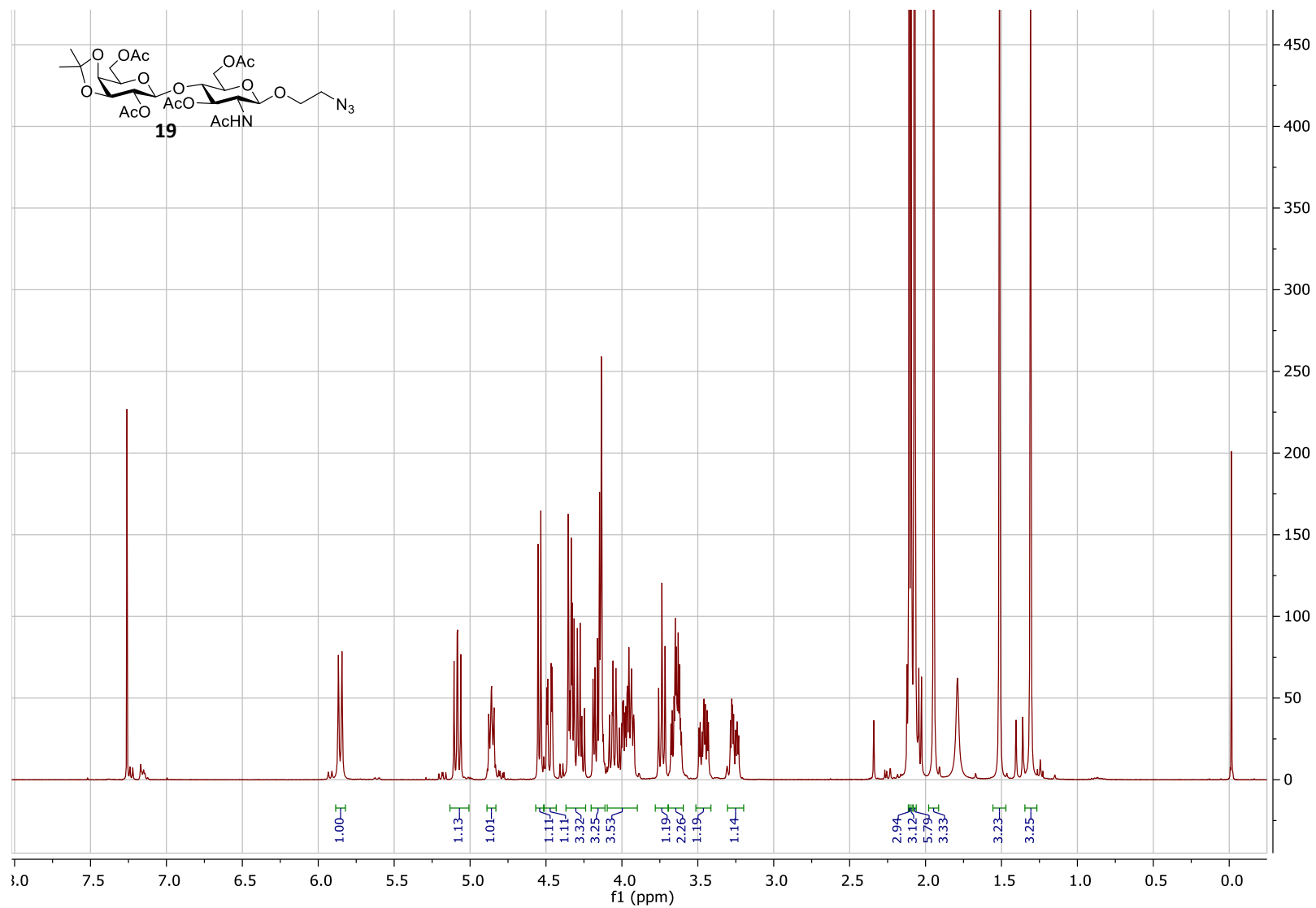
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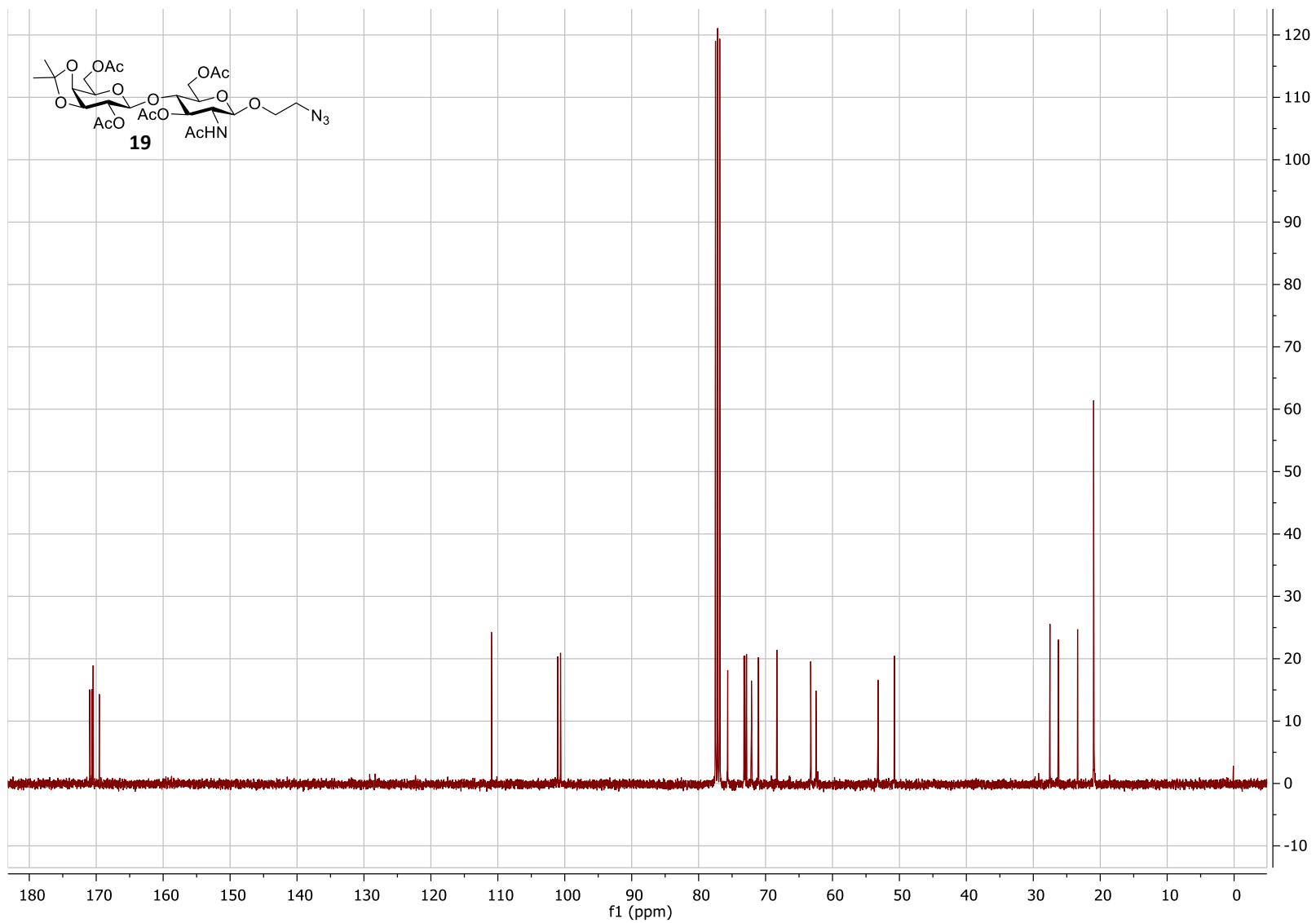
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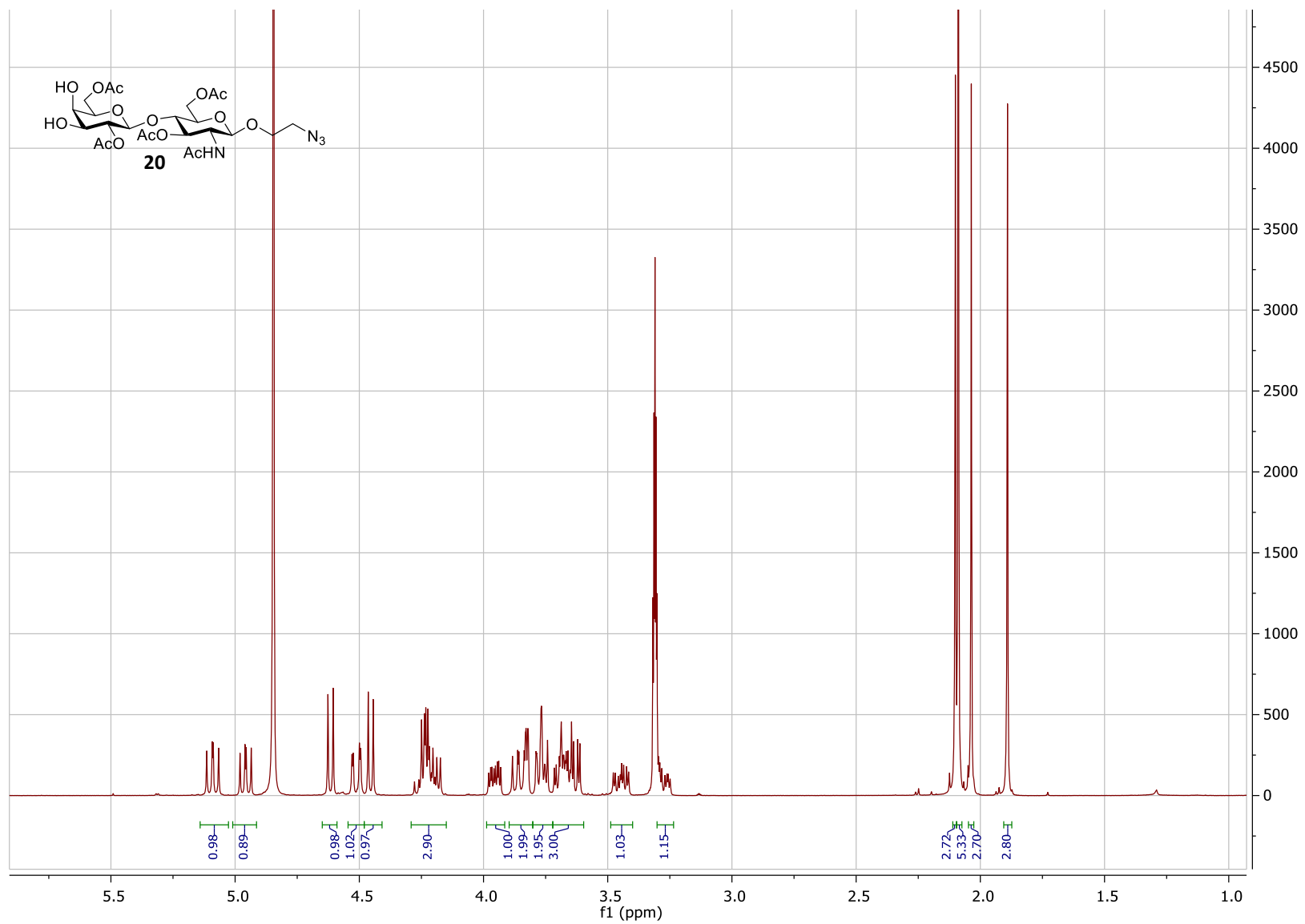
Compound **19**:
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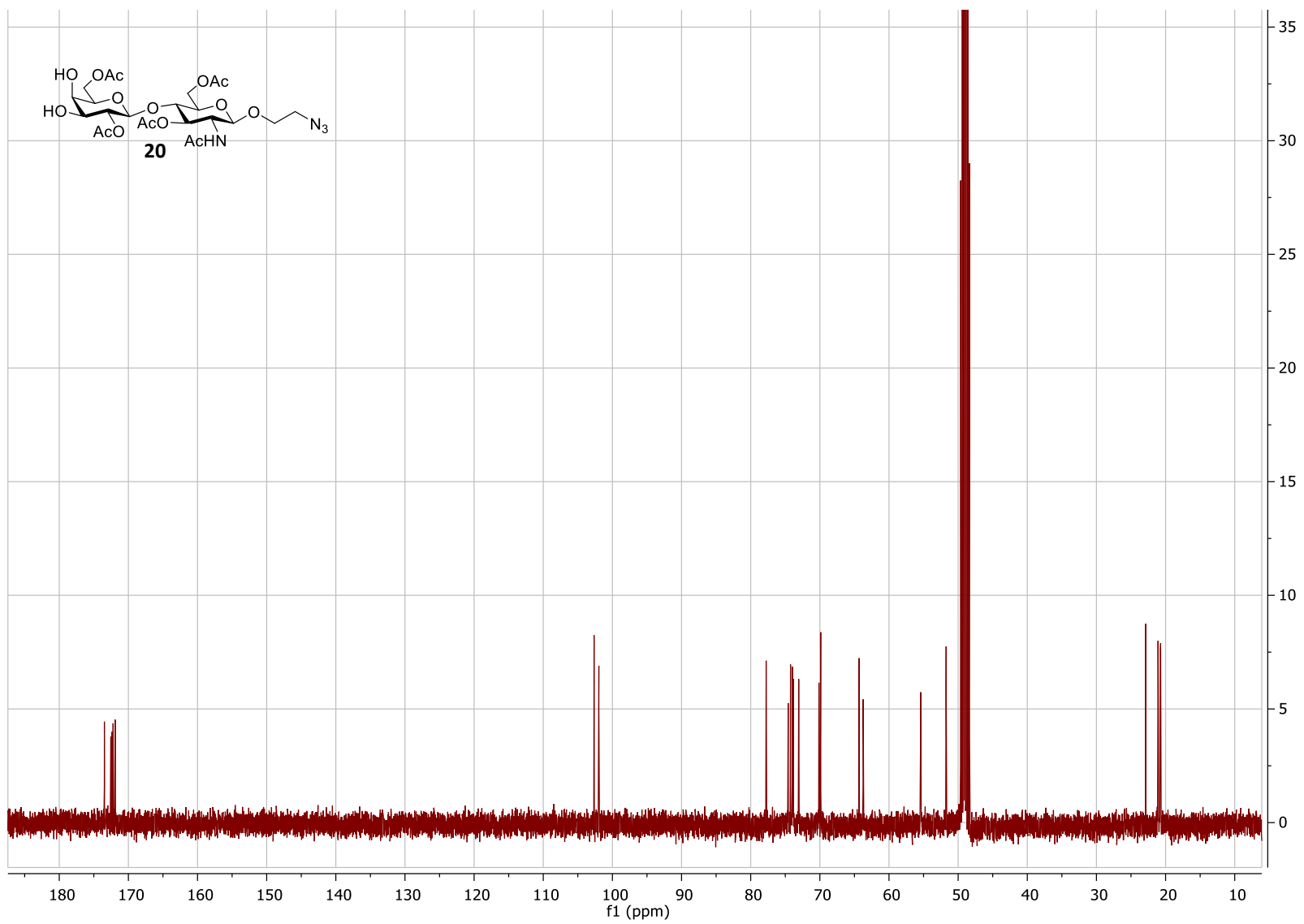
Compound **19**:
¹³C NMR



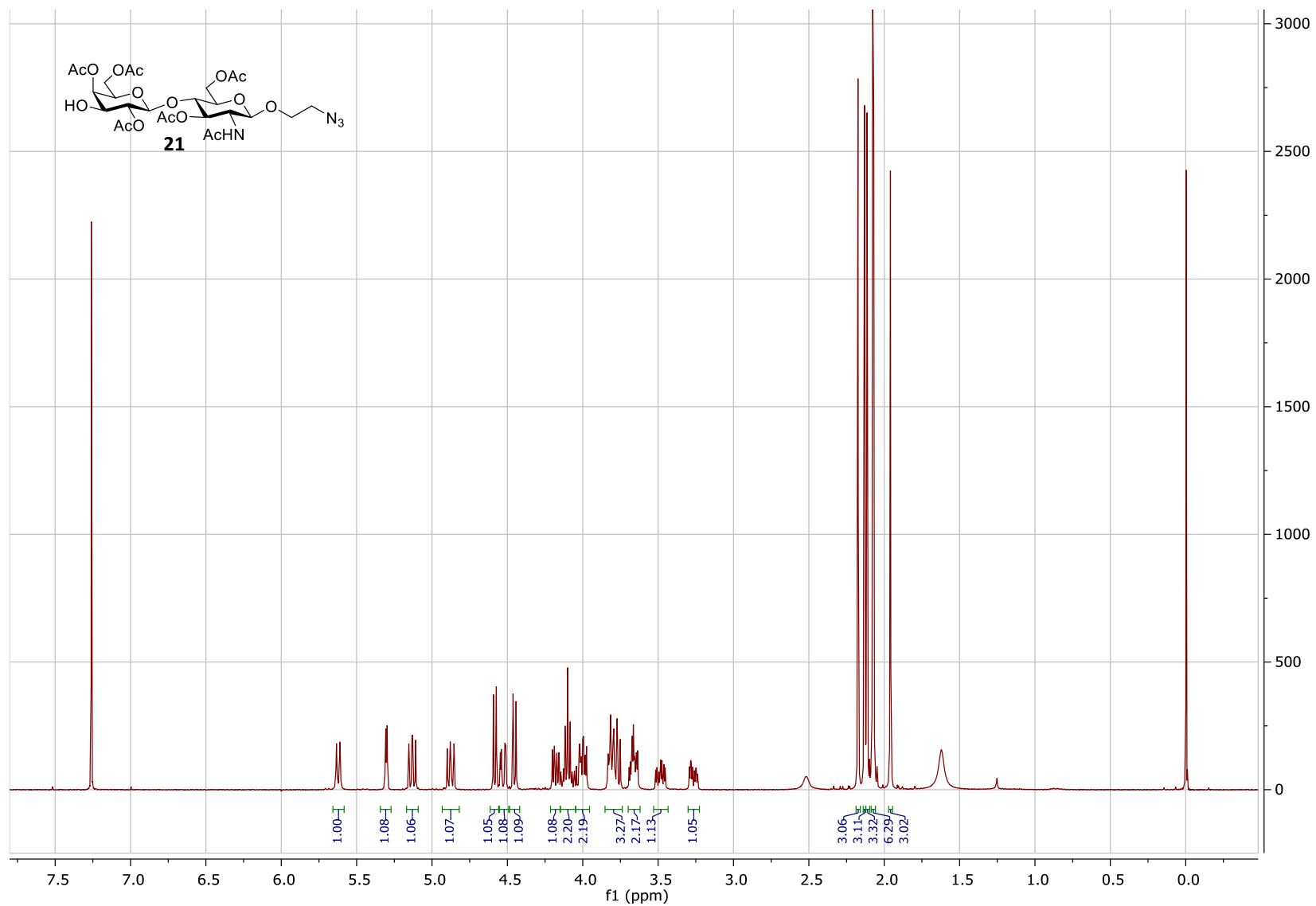
Compound **20**:
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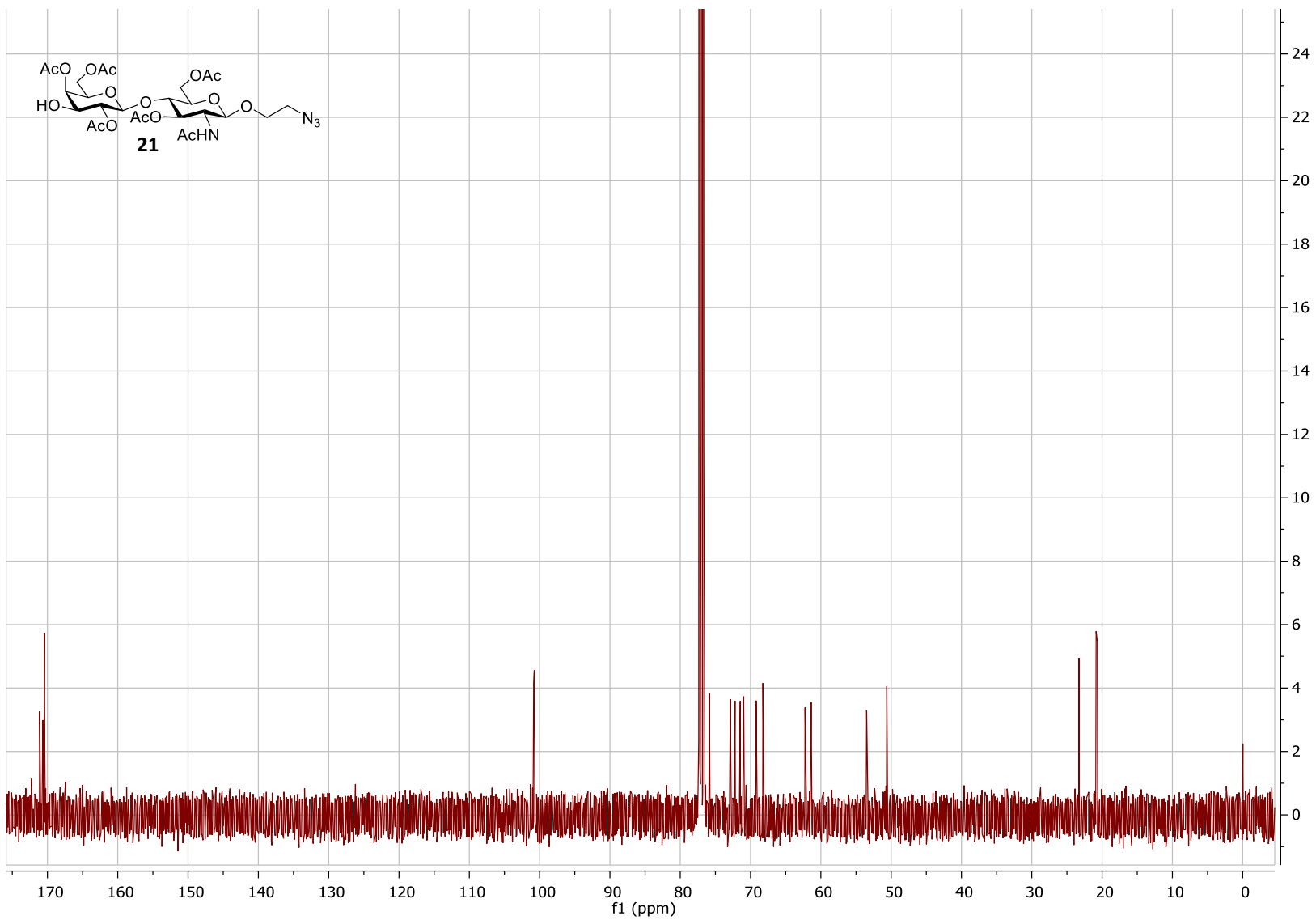
Compound **20**:
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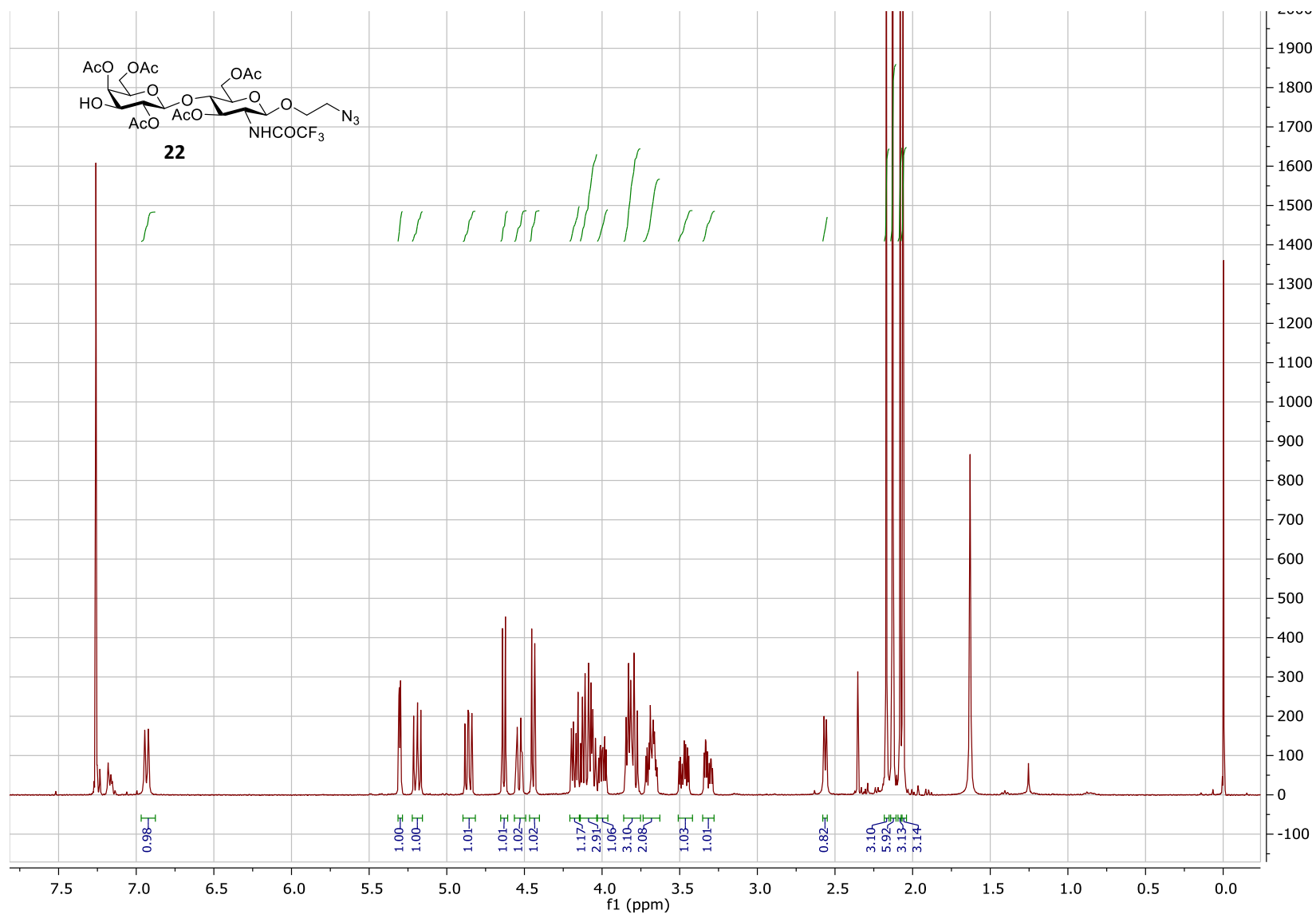
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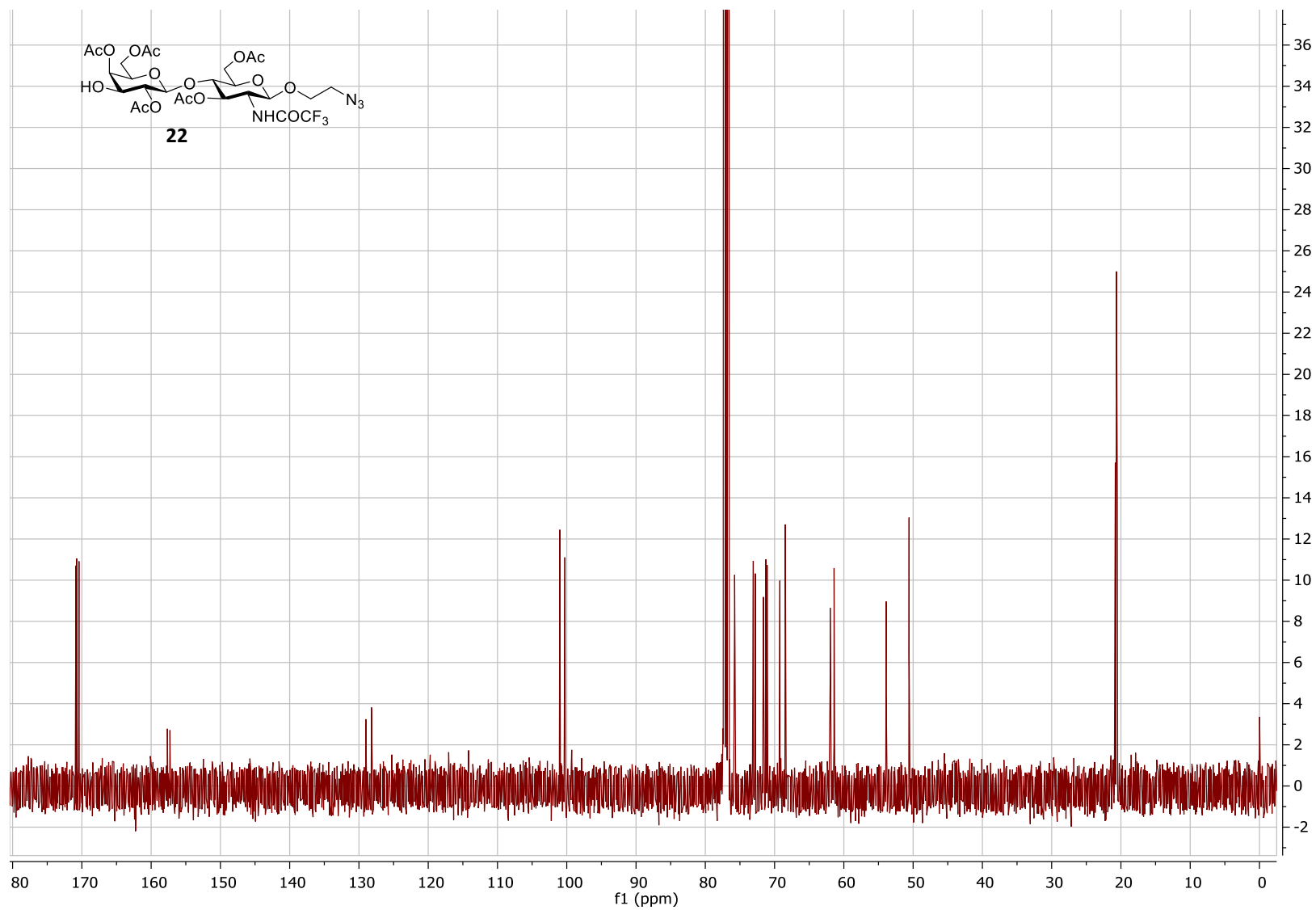
Compound **21**:
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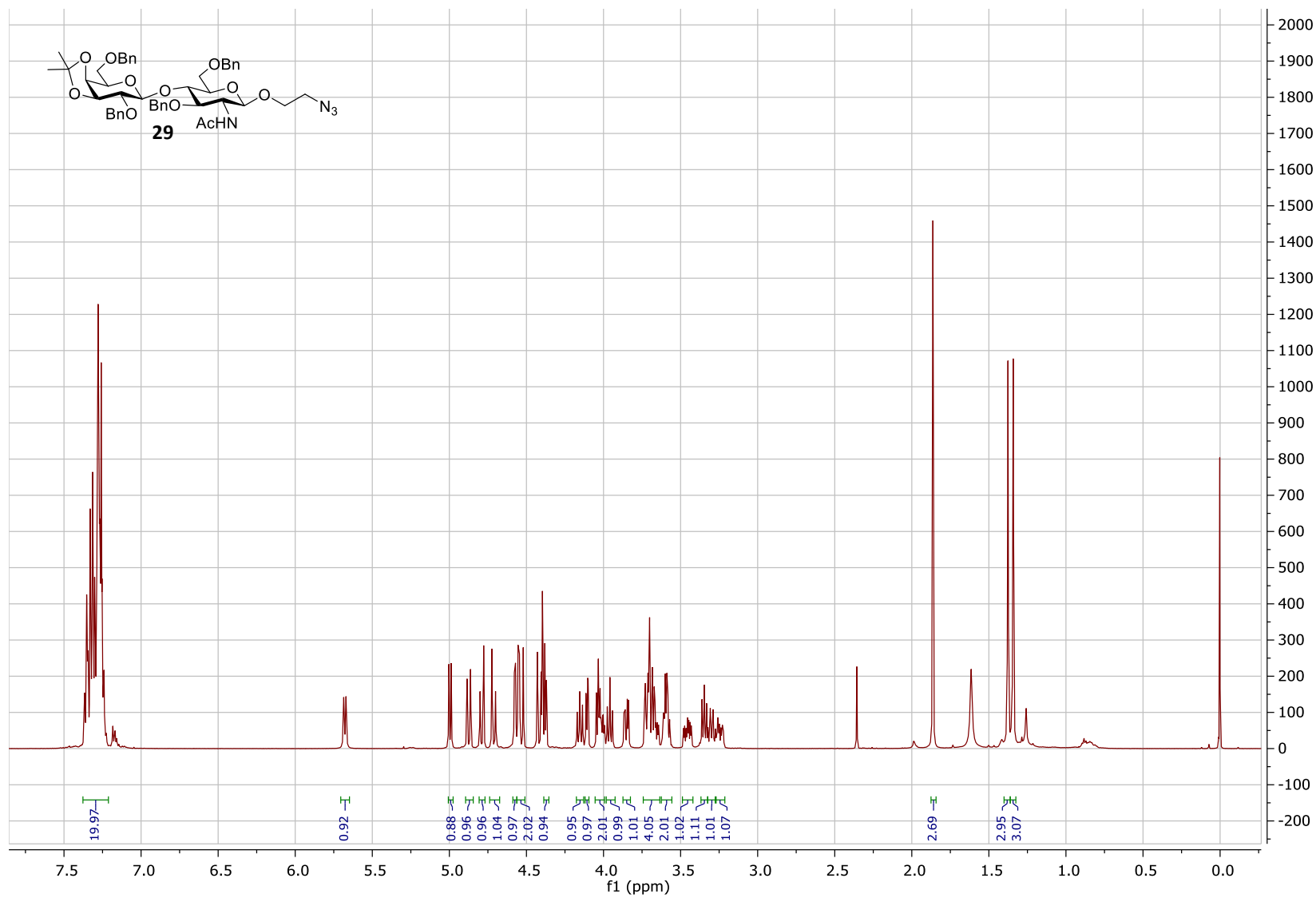
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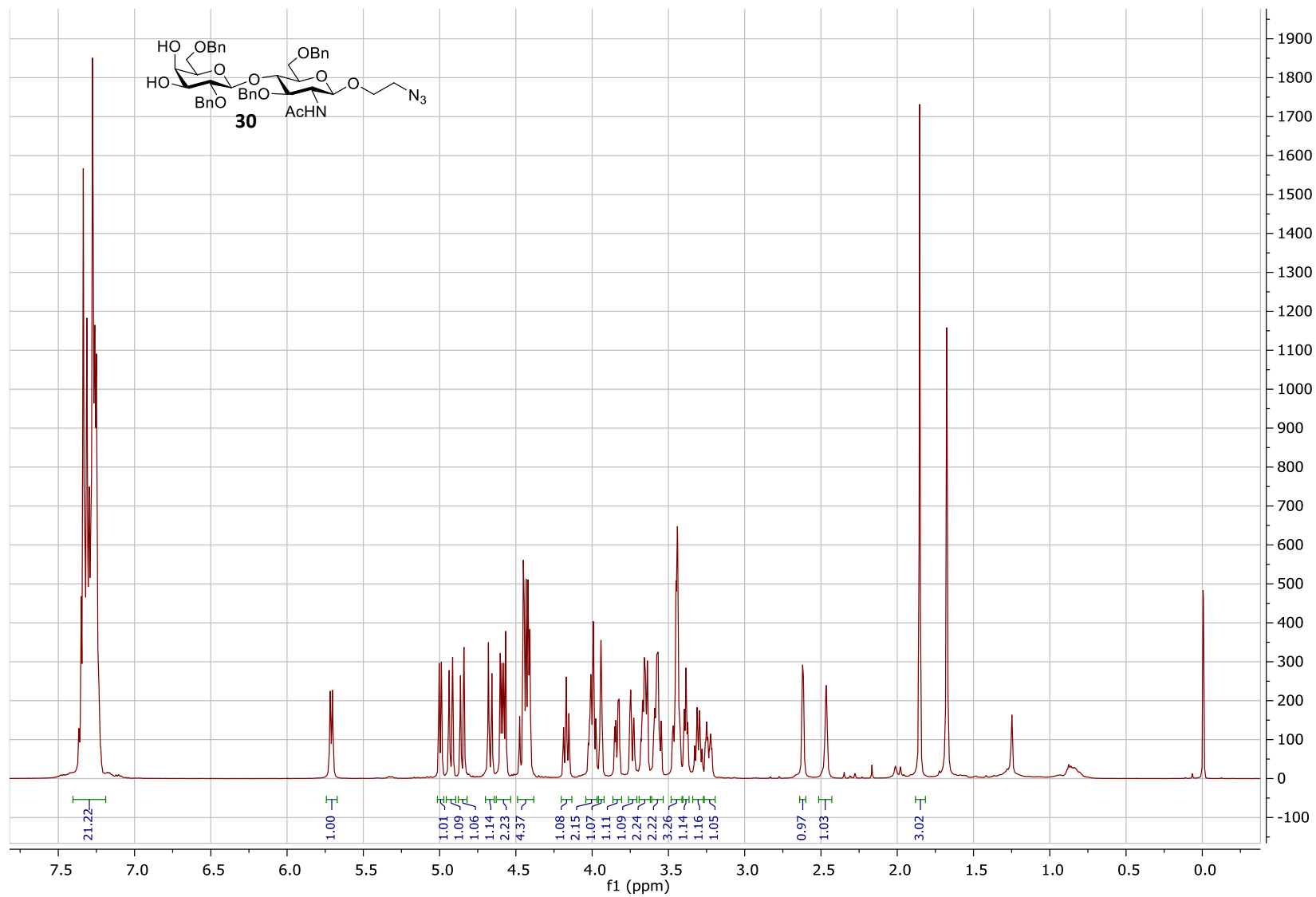
Compound **22**:
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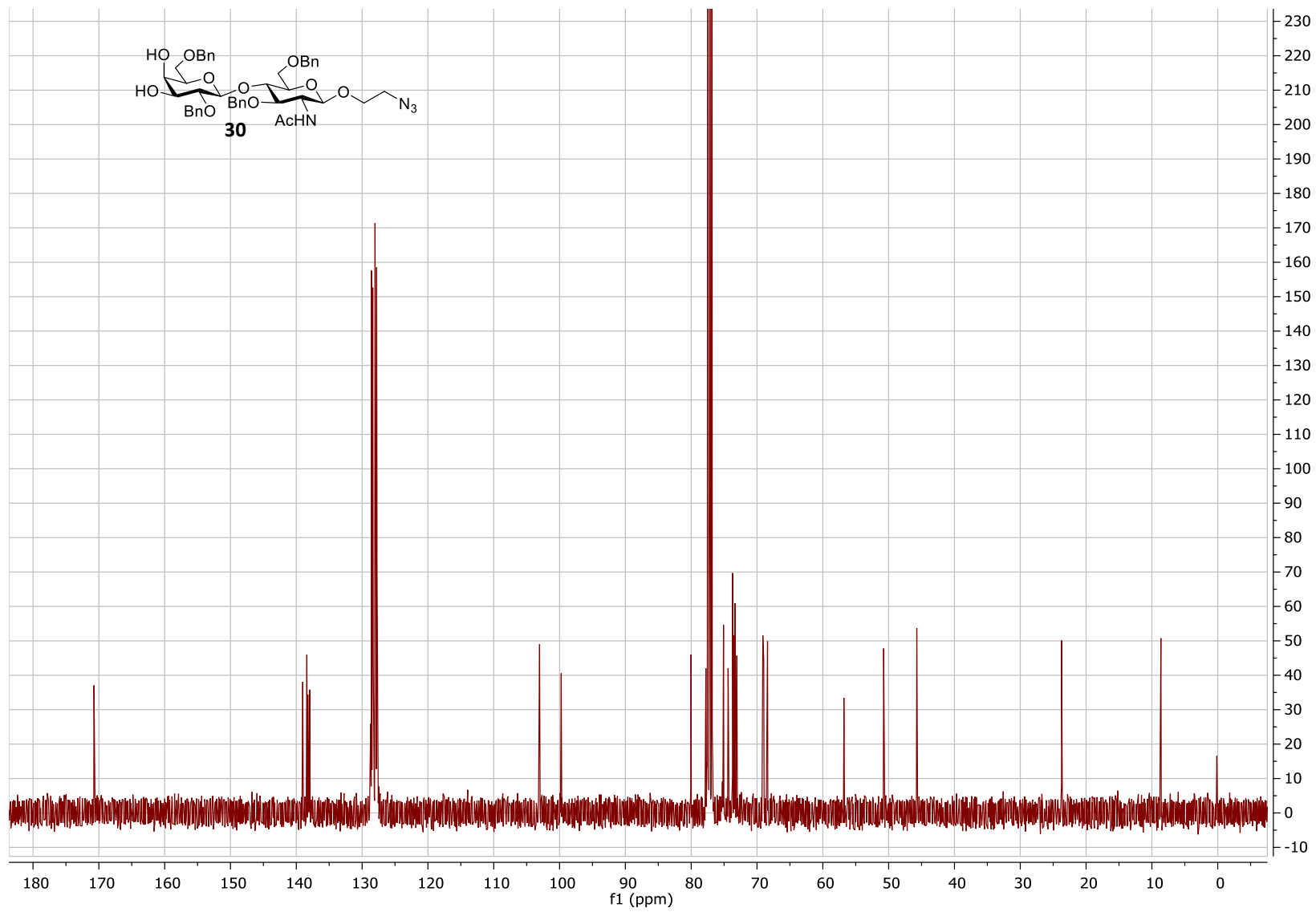
Compound **29**:
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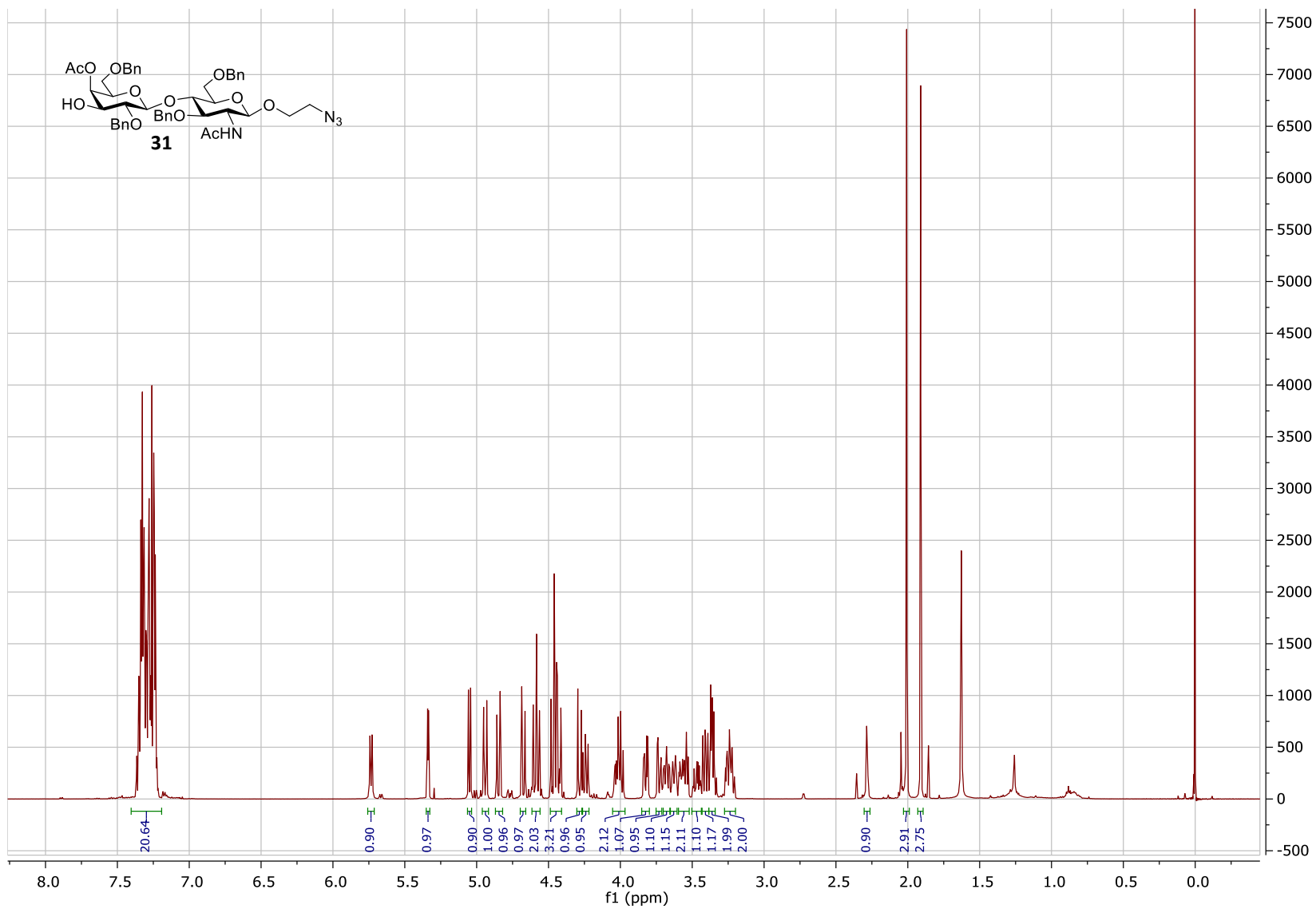
Compound **30**:
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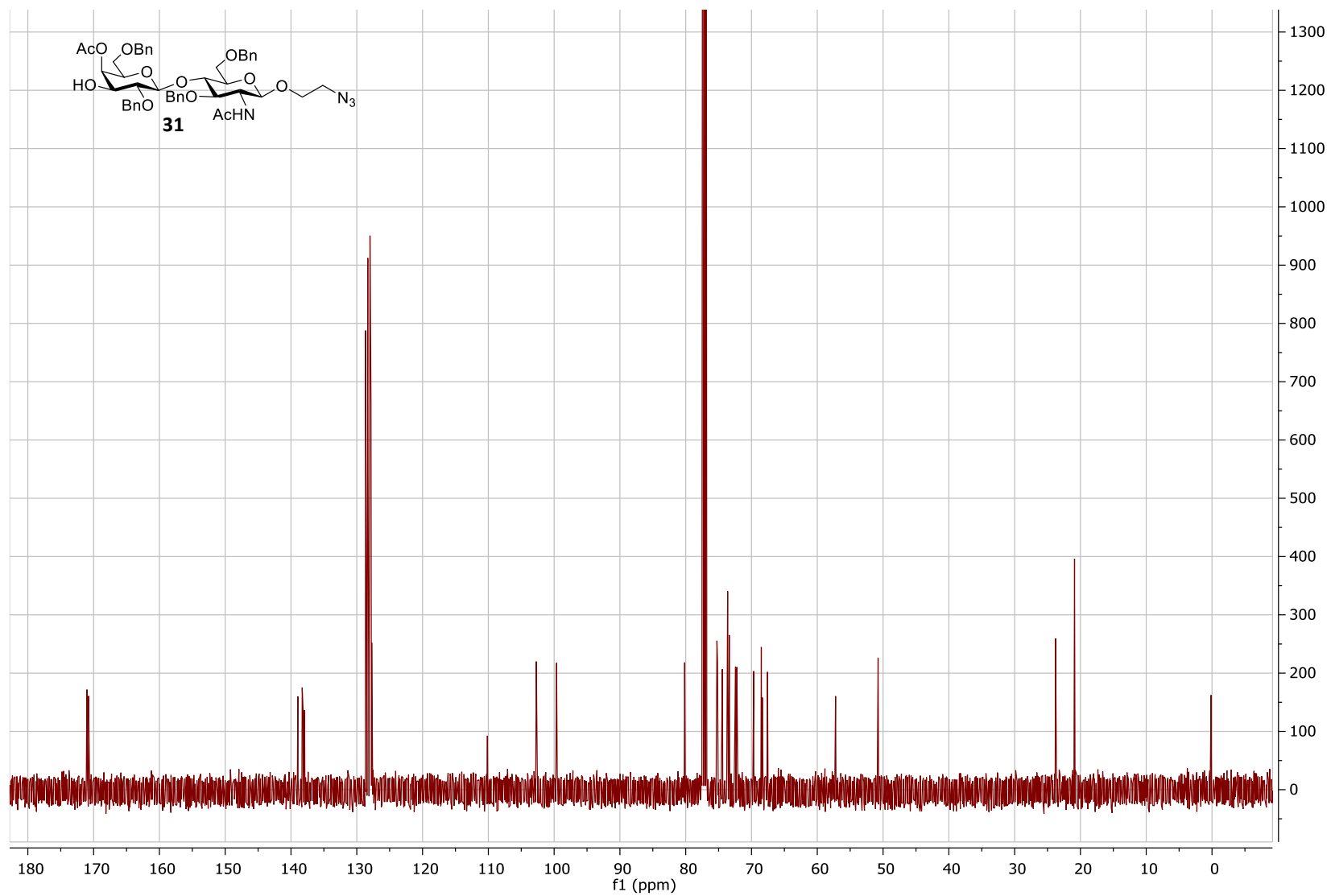
Compound **30**:
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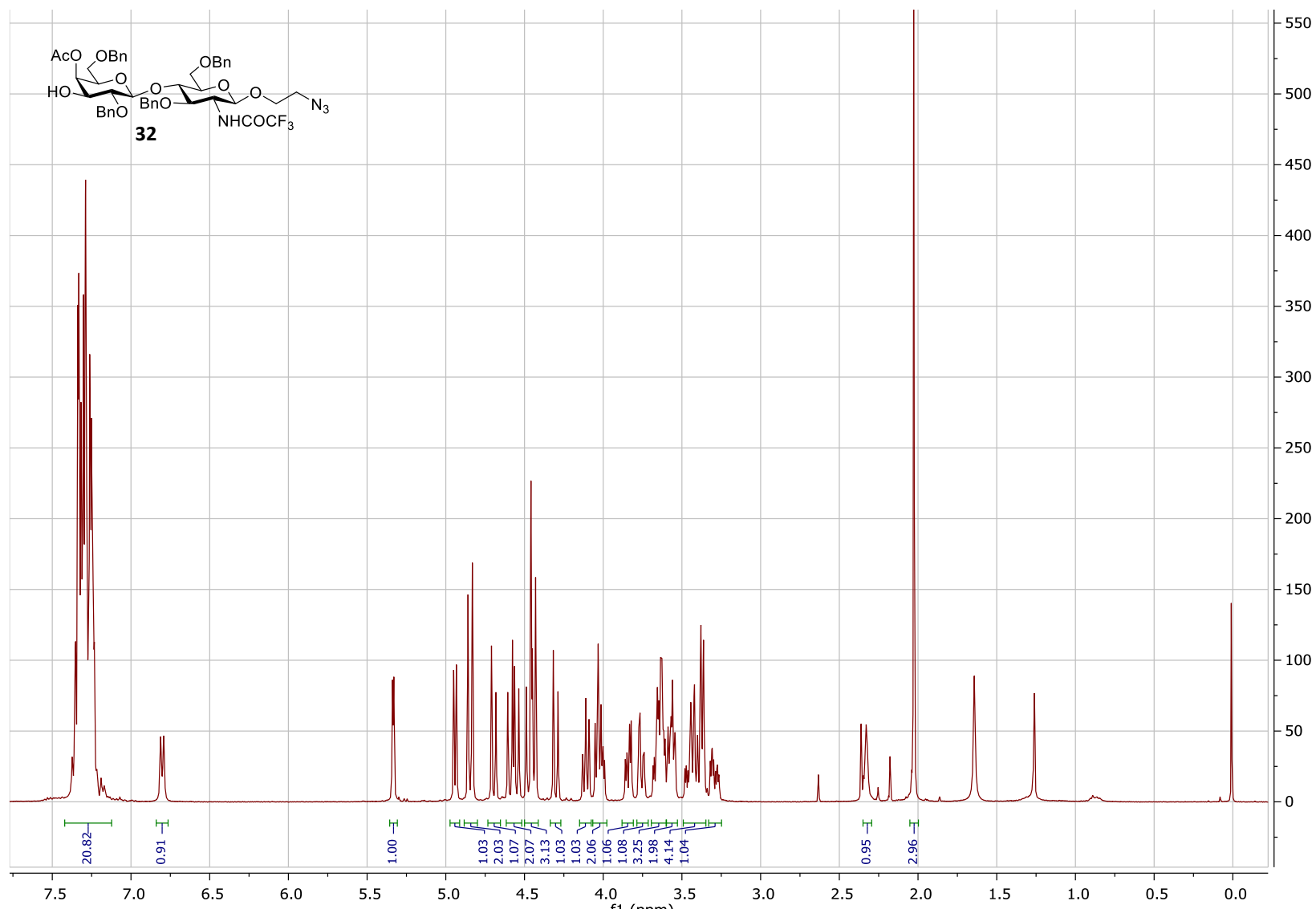
Compound **31**:
¹H NMR



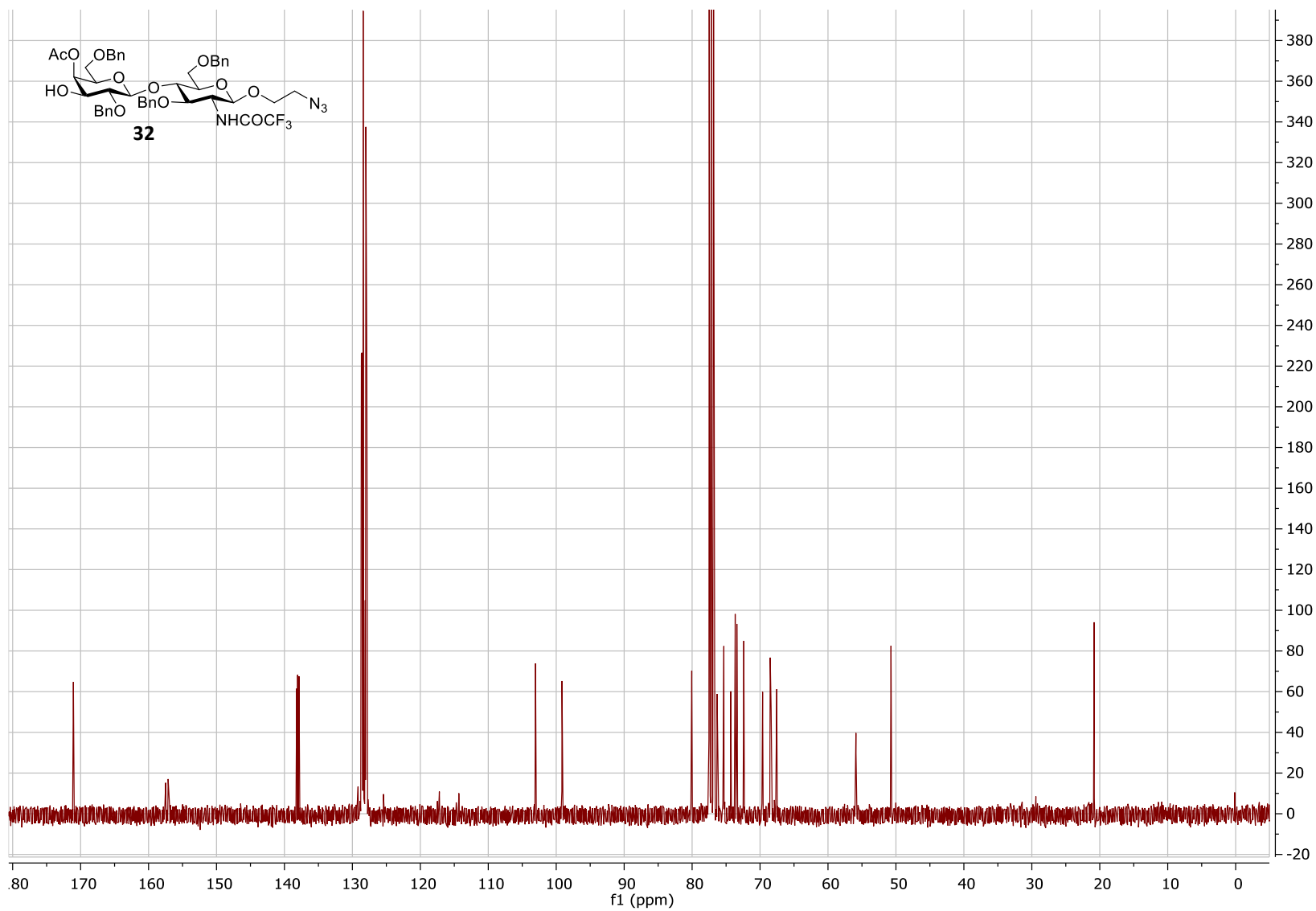
Compound **31**:
¹³C NMR



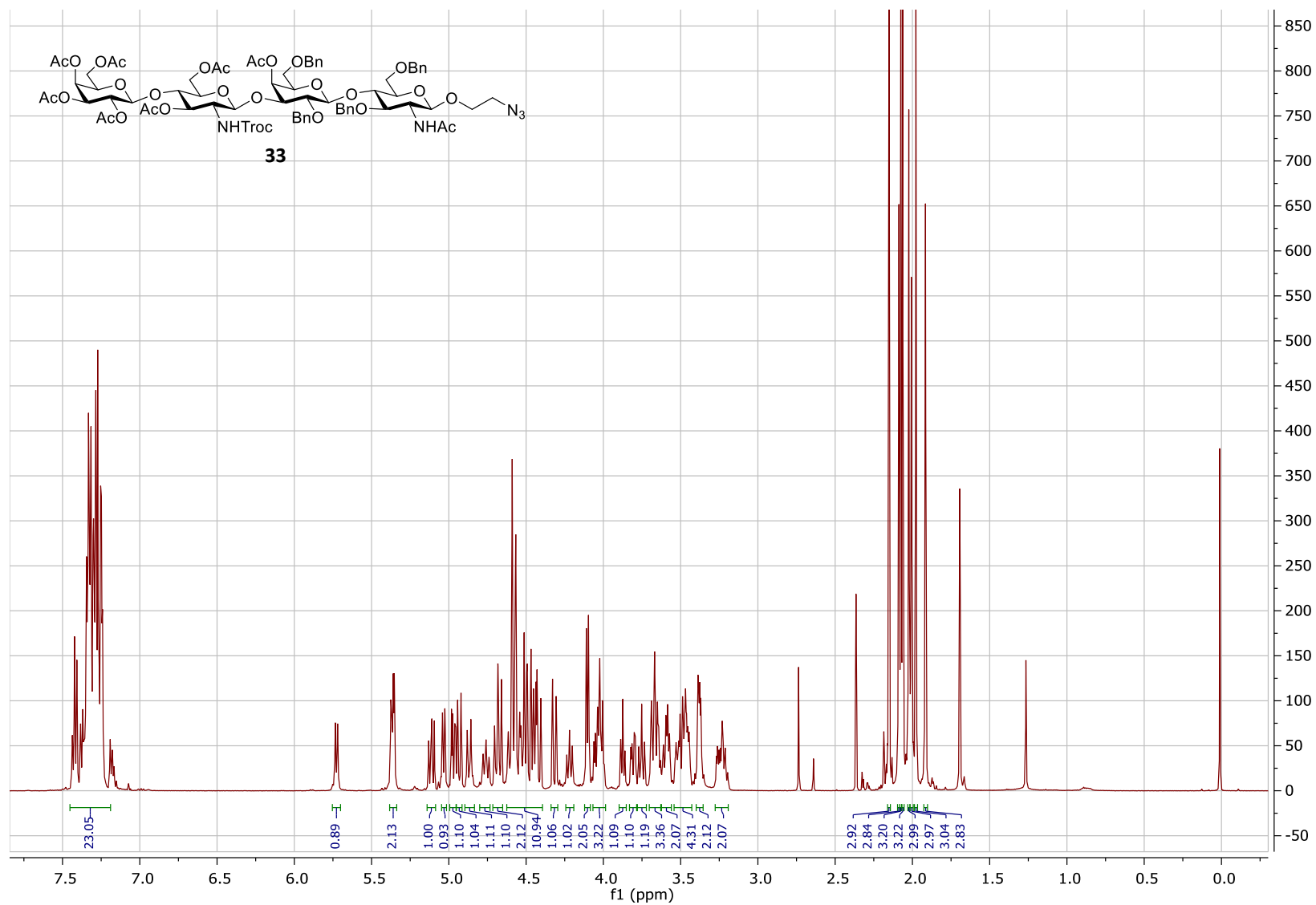
Compound **32**:
¹H NMR



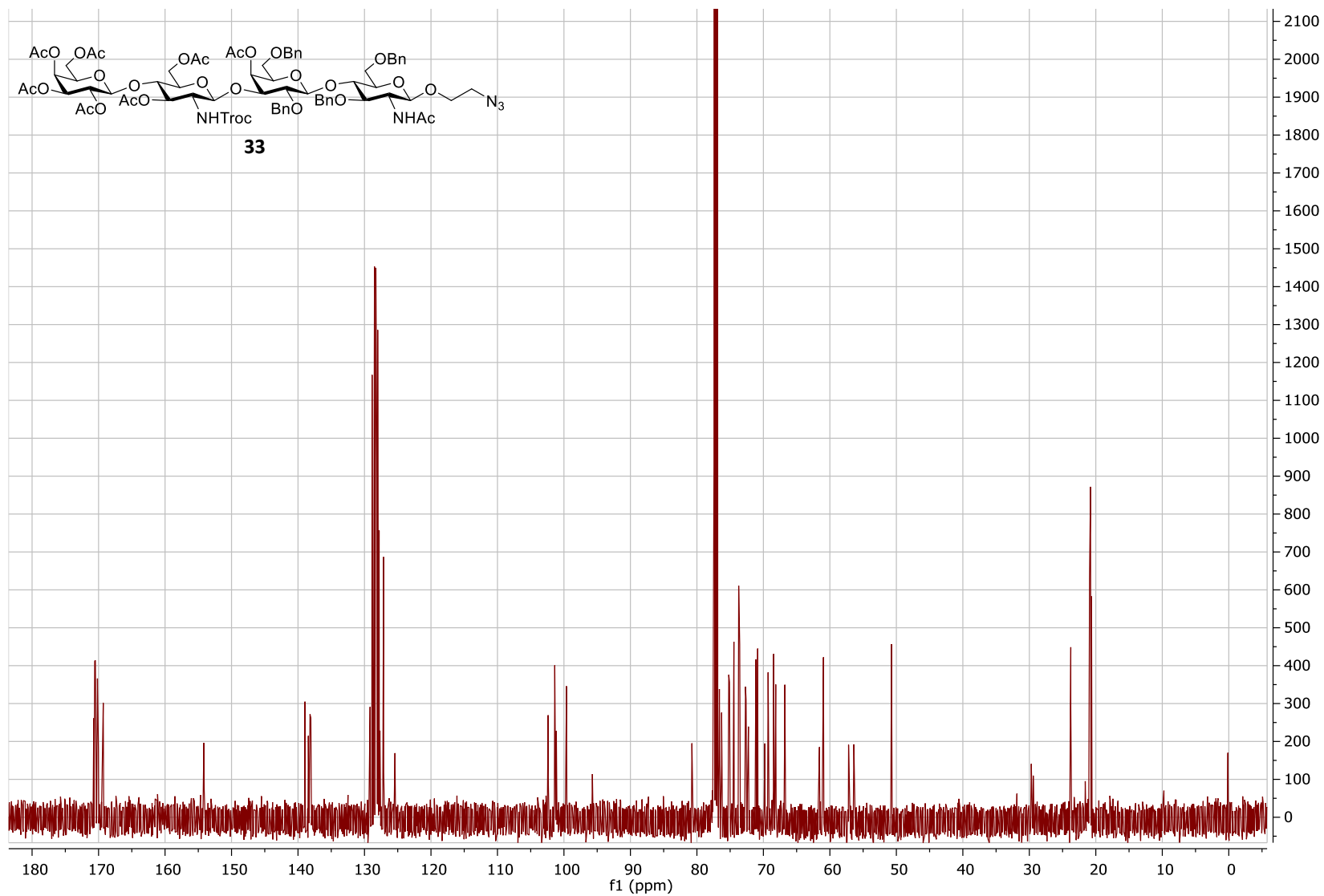
Compound **32**:
¹³C NMR



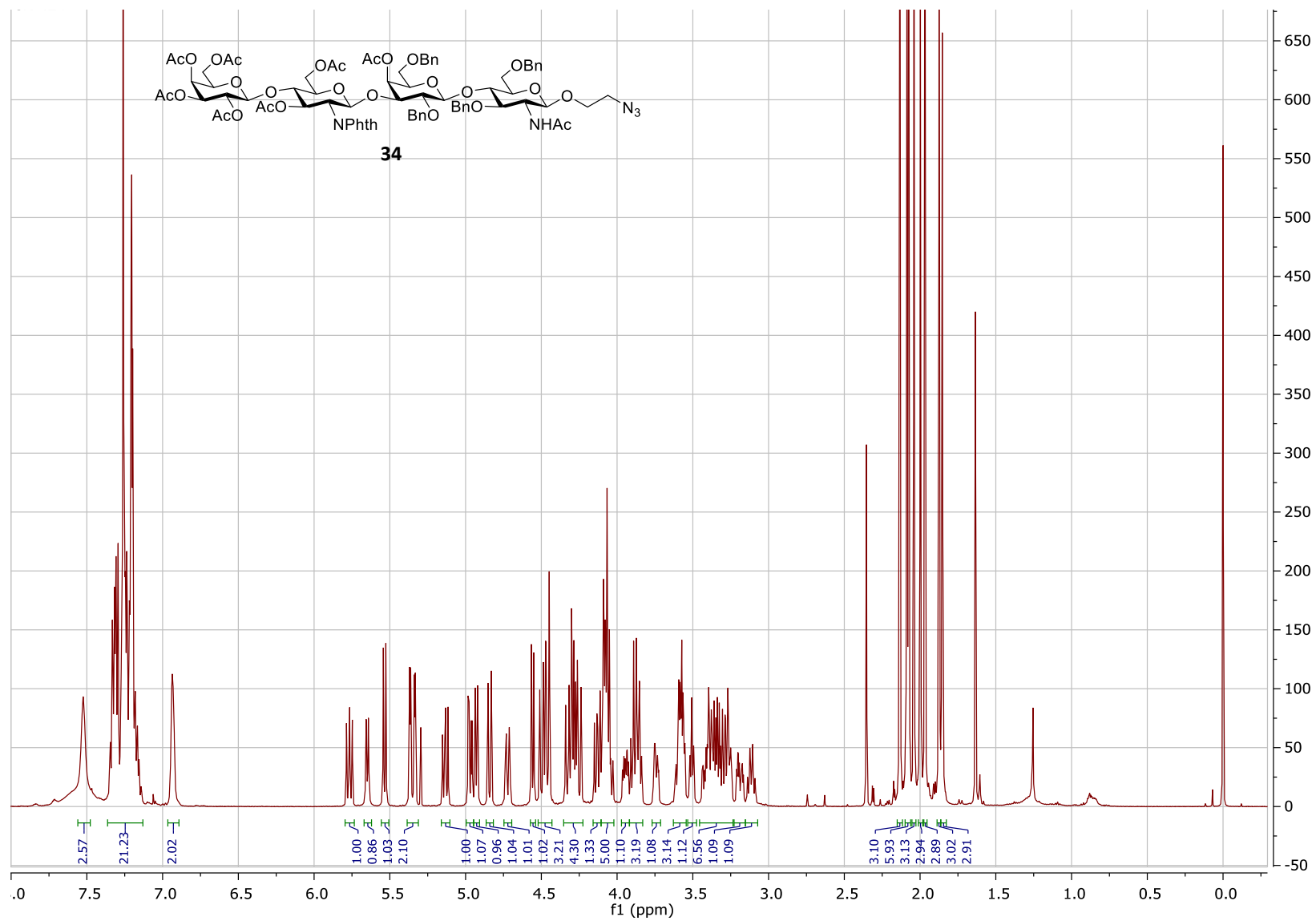
Compound 33:
¹H NMR



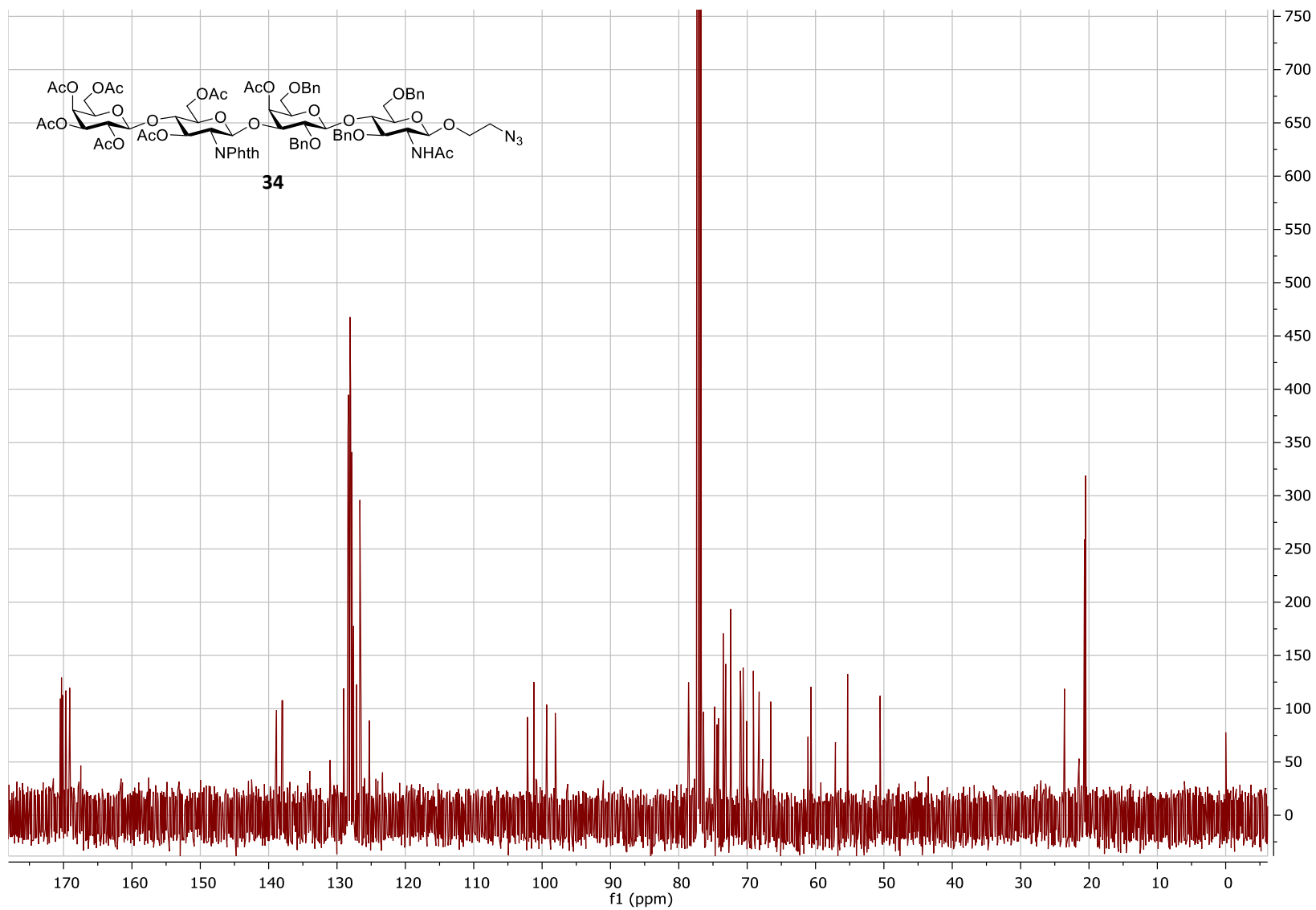
Compound **33**:
¹³C NMR



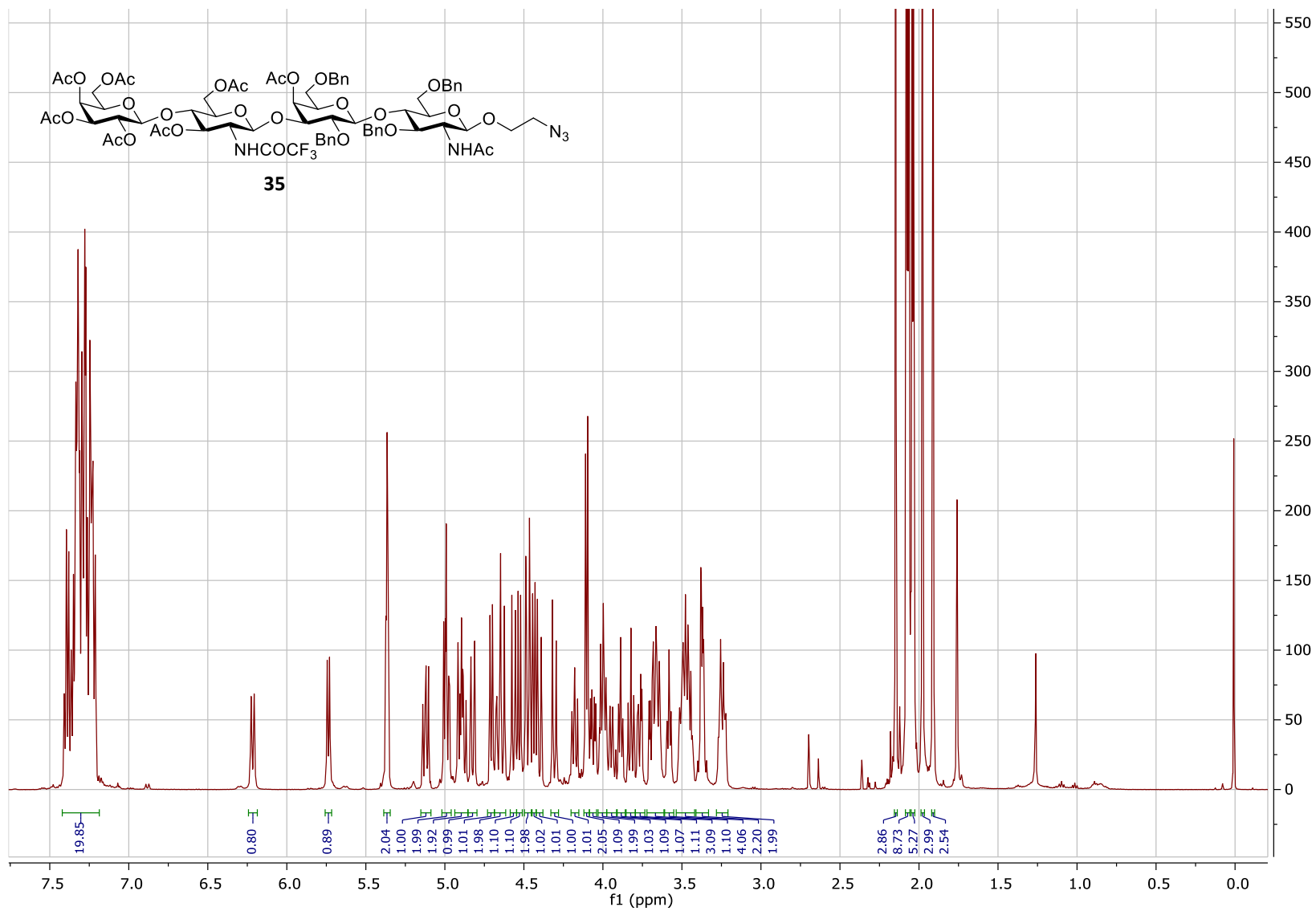
Compound **34**:
¹H NMR



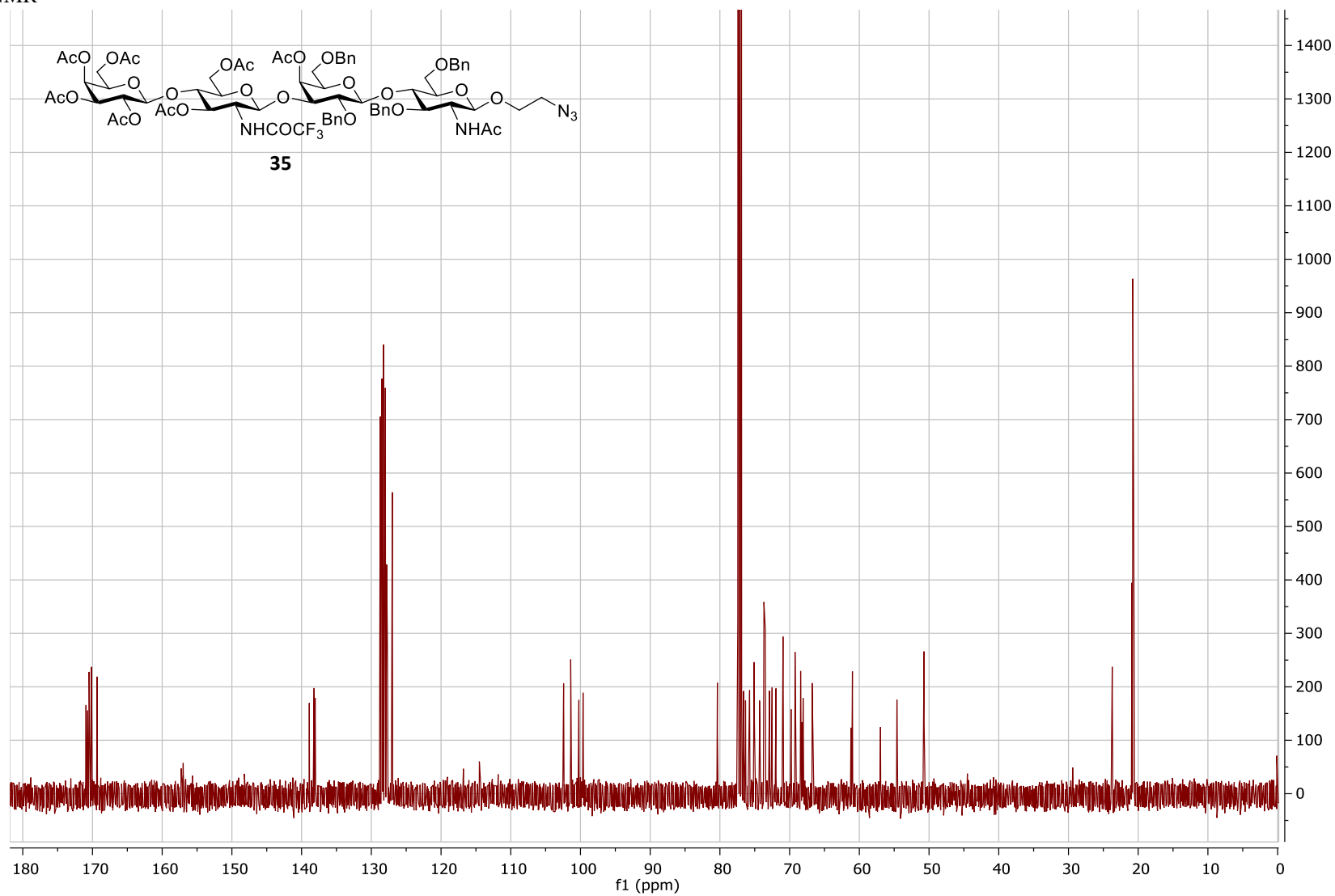
Compound **34**:
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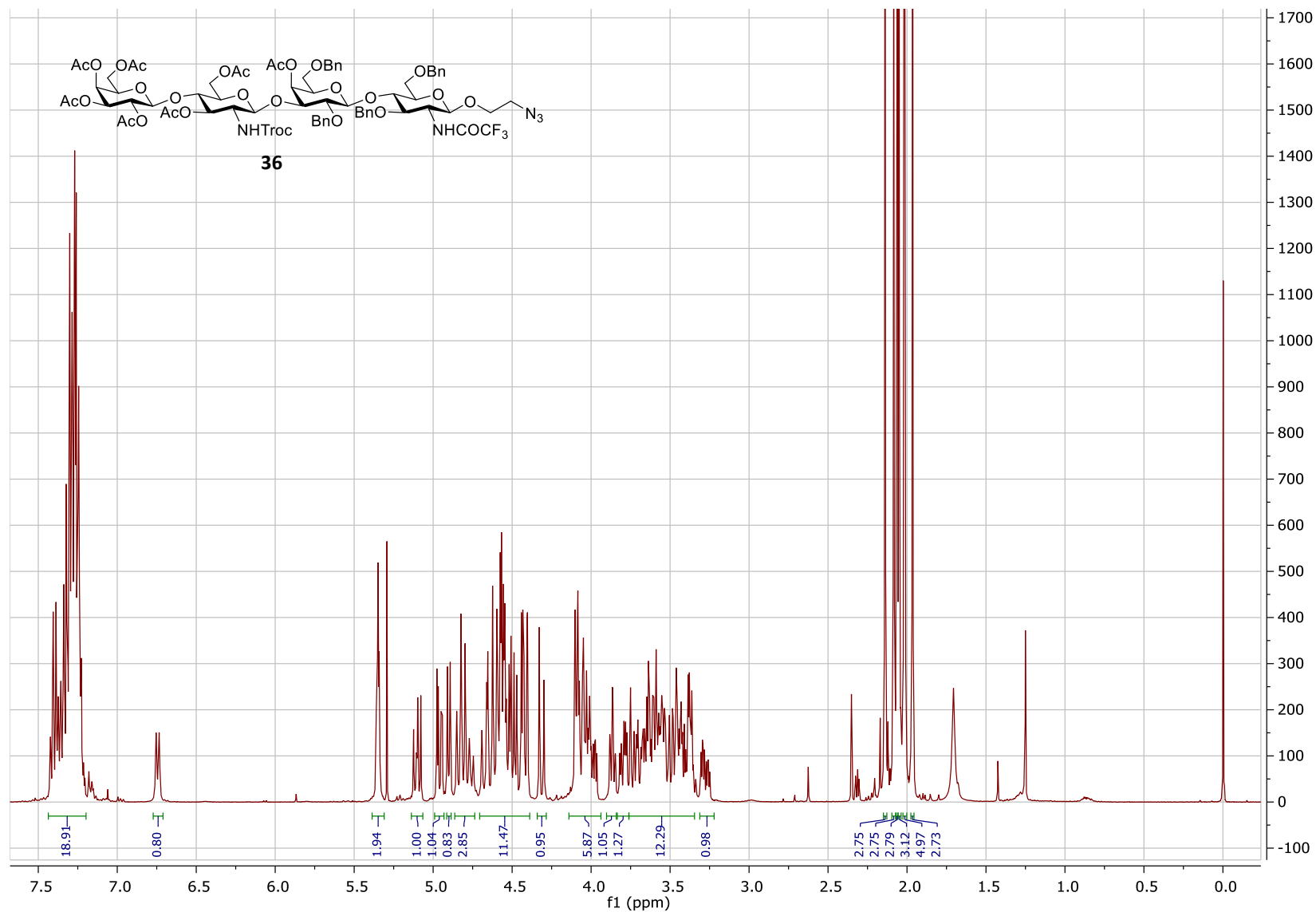
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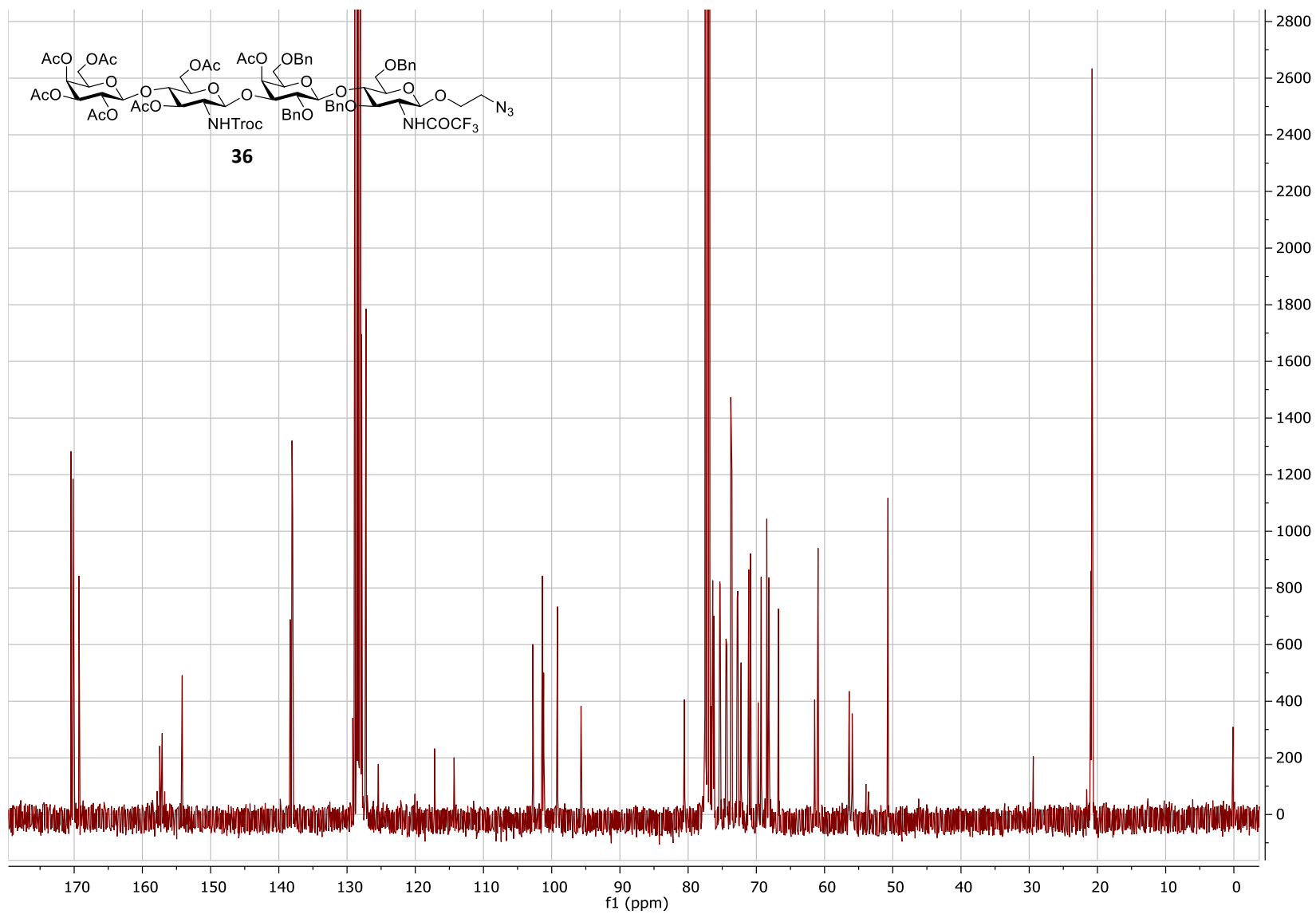
Compound 35:
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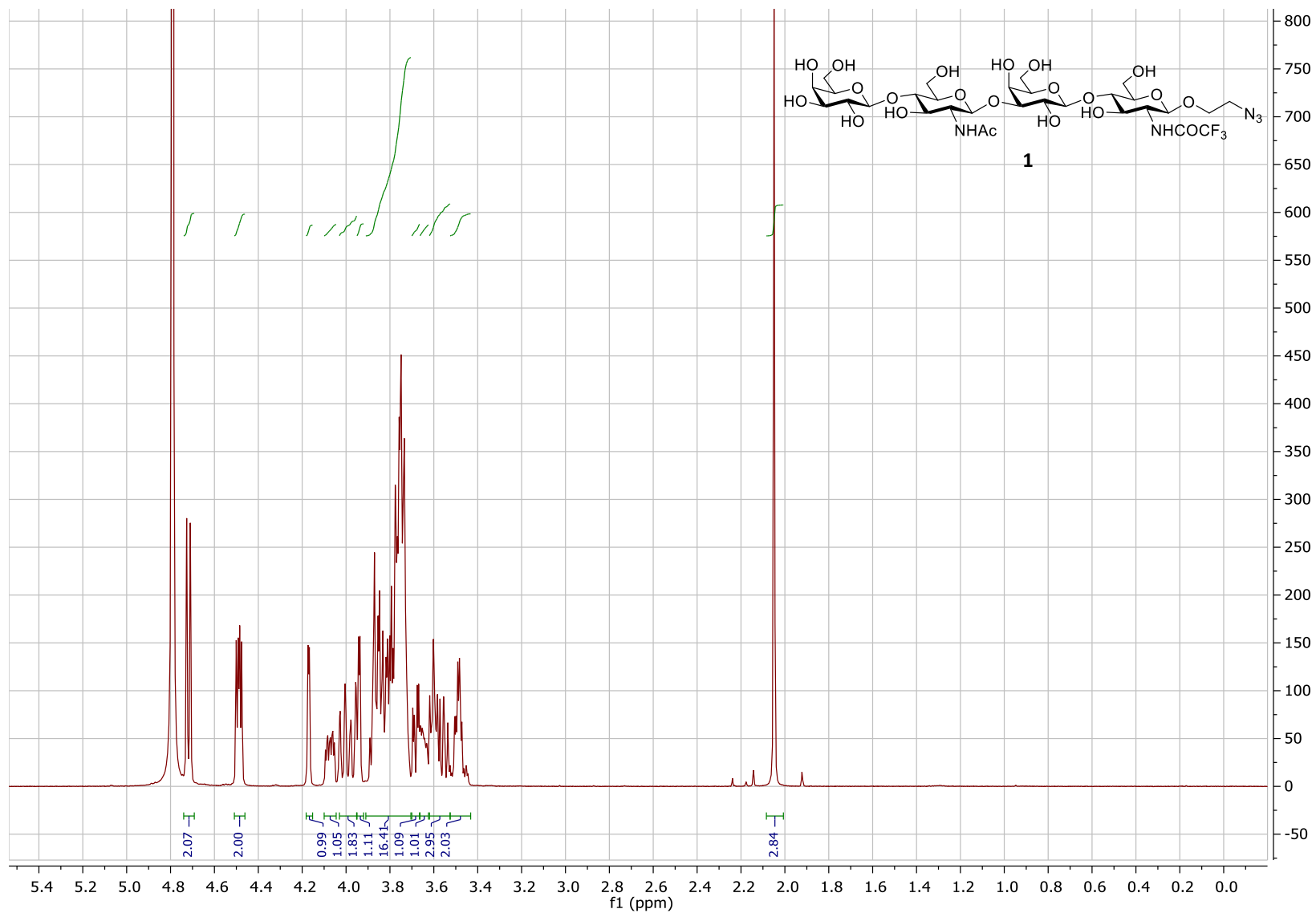
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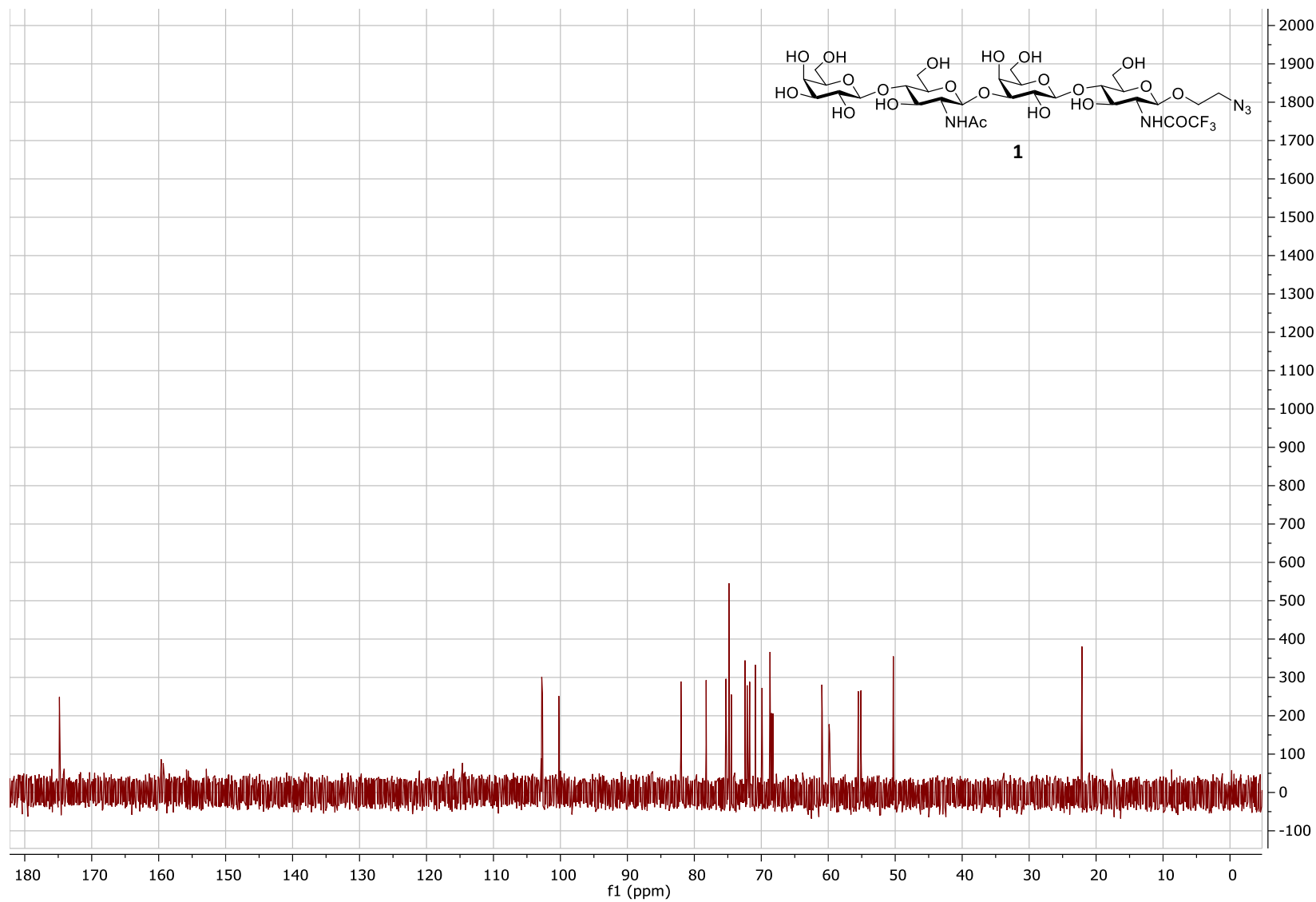
Compound **36**:
¹³C NMR



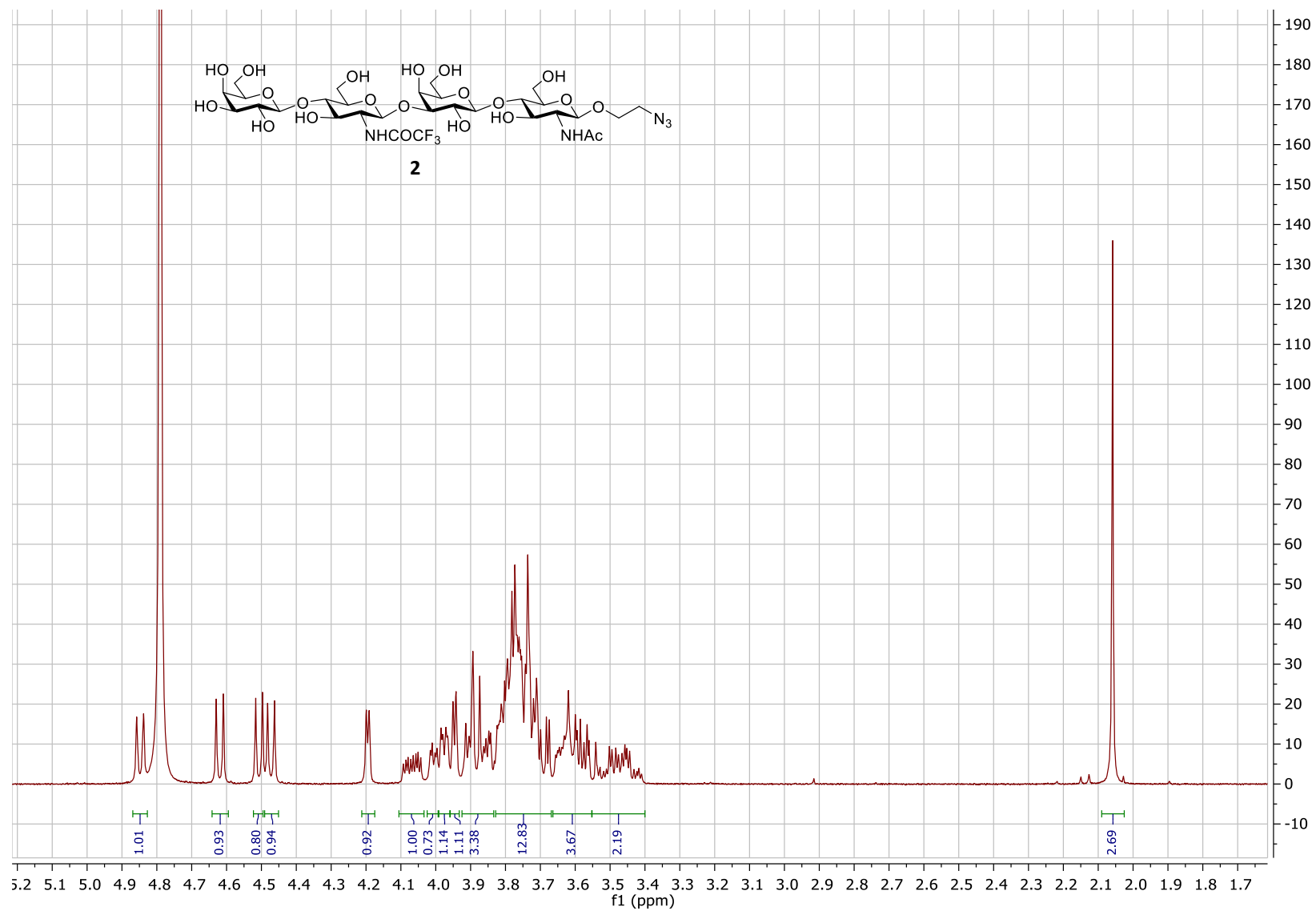
Compound 1:
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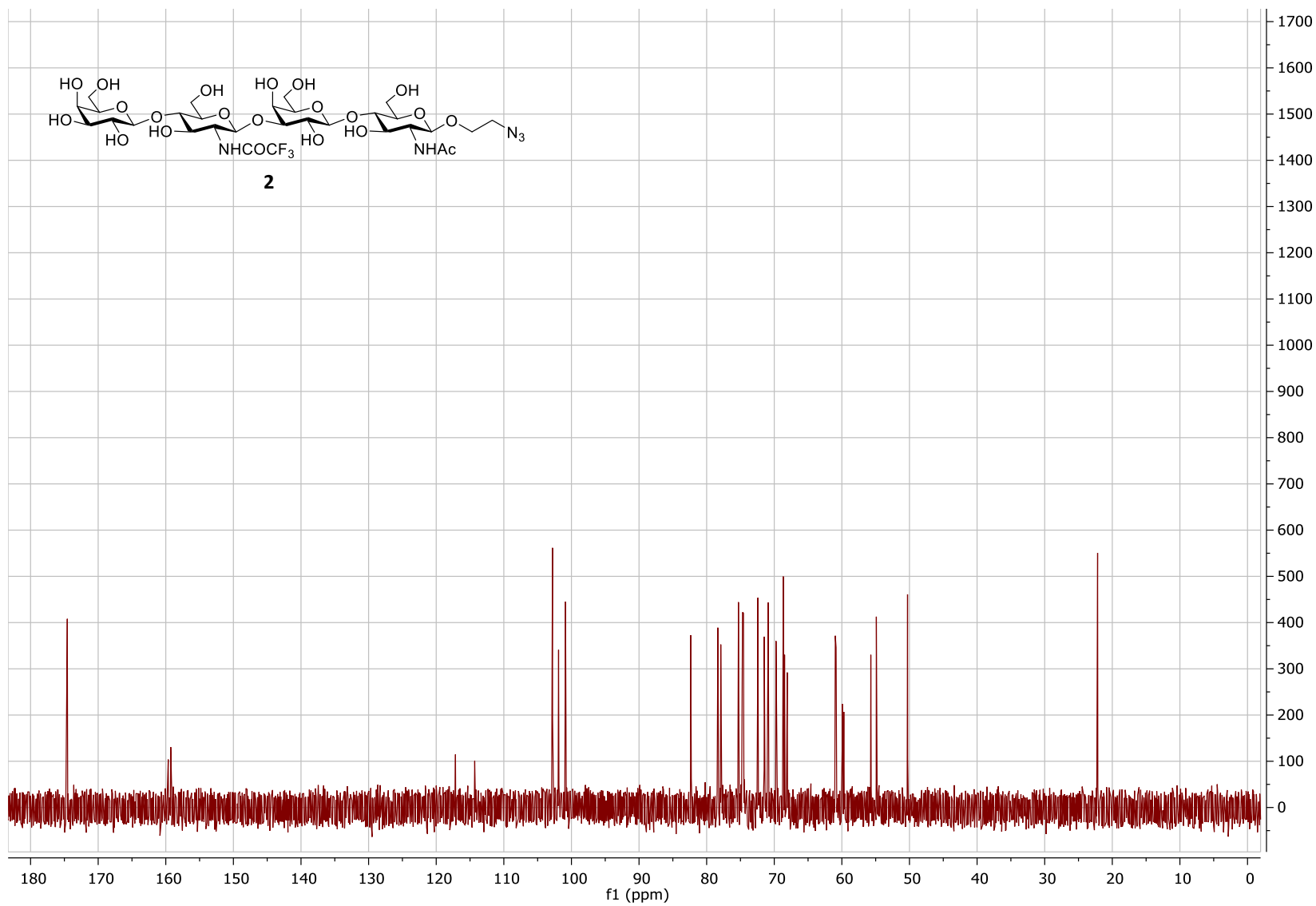
Compound 1:
¹³C NMR



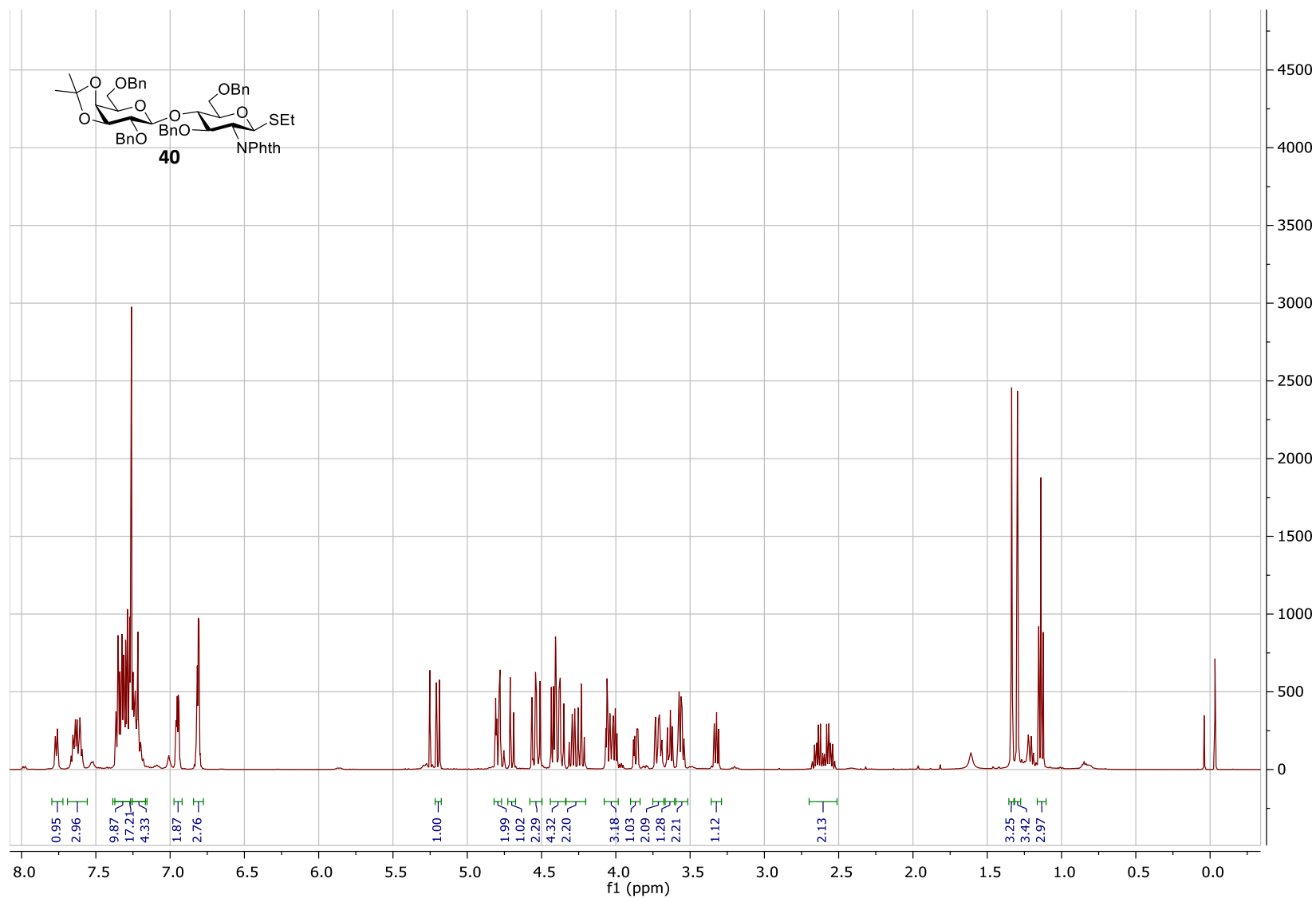
Compound 2:
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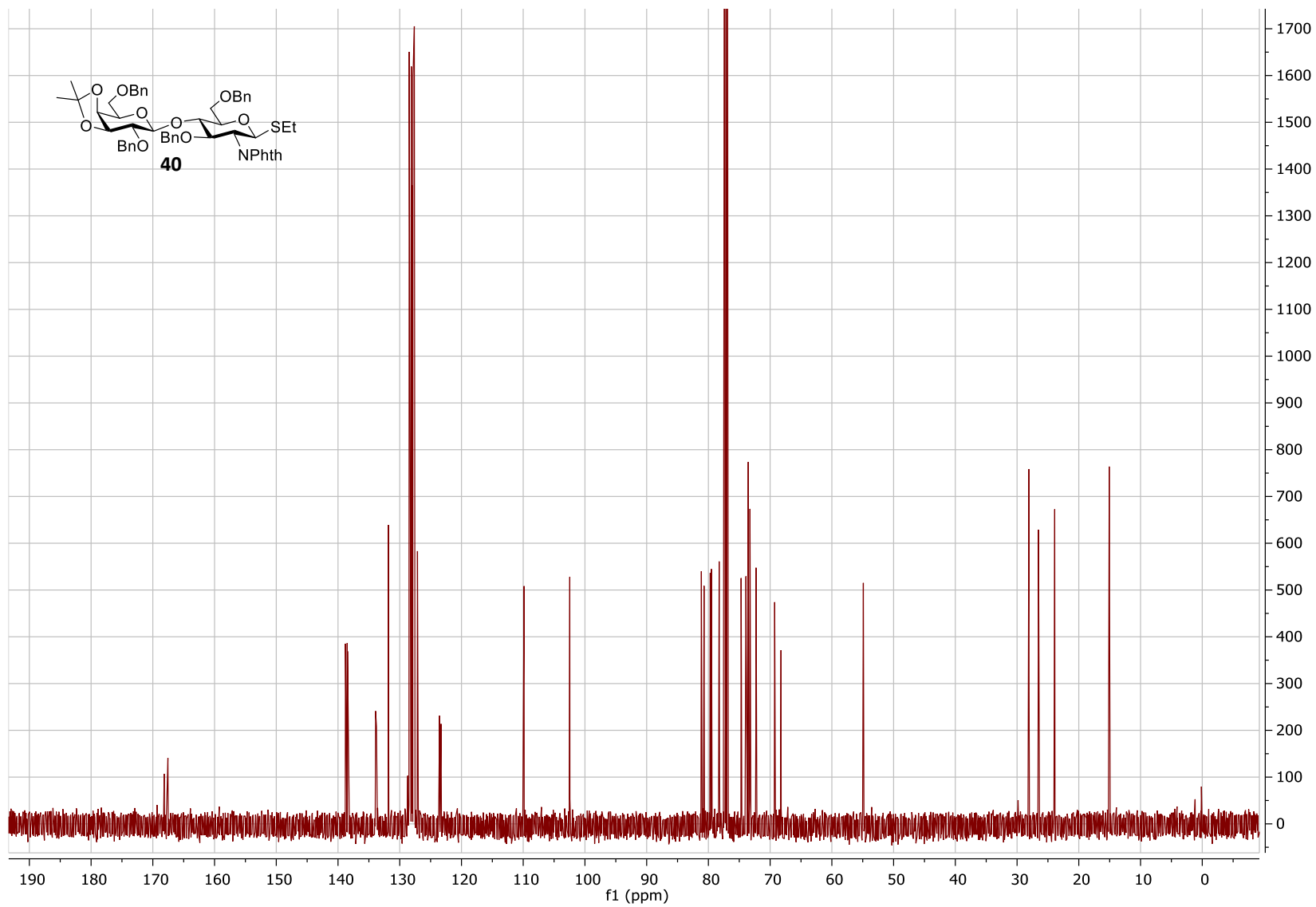
Compound 2:
¹³C NMR



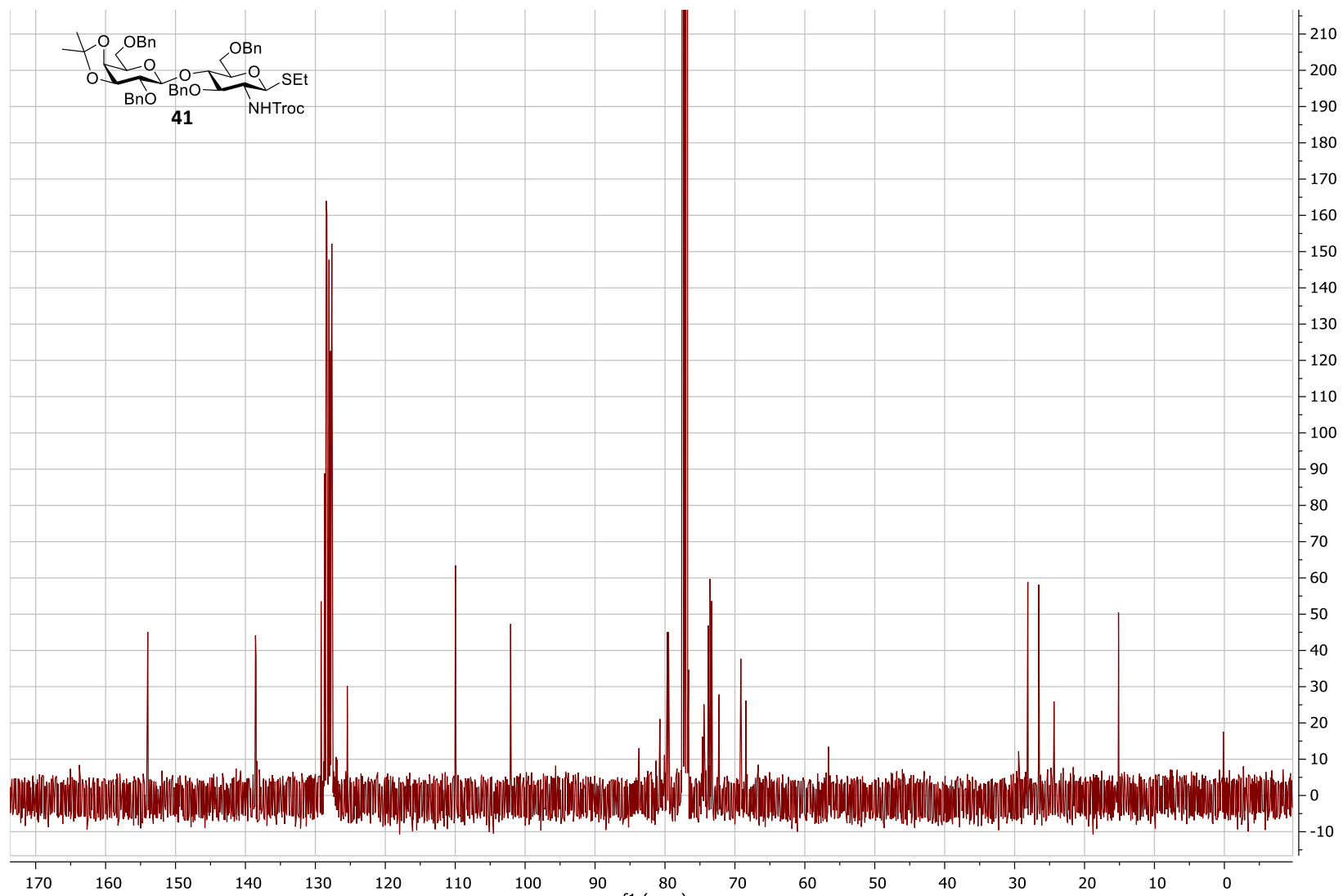
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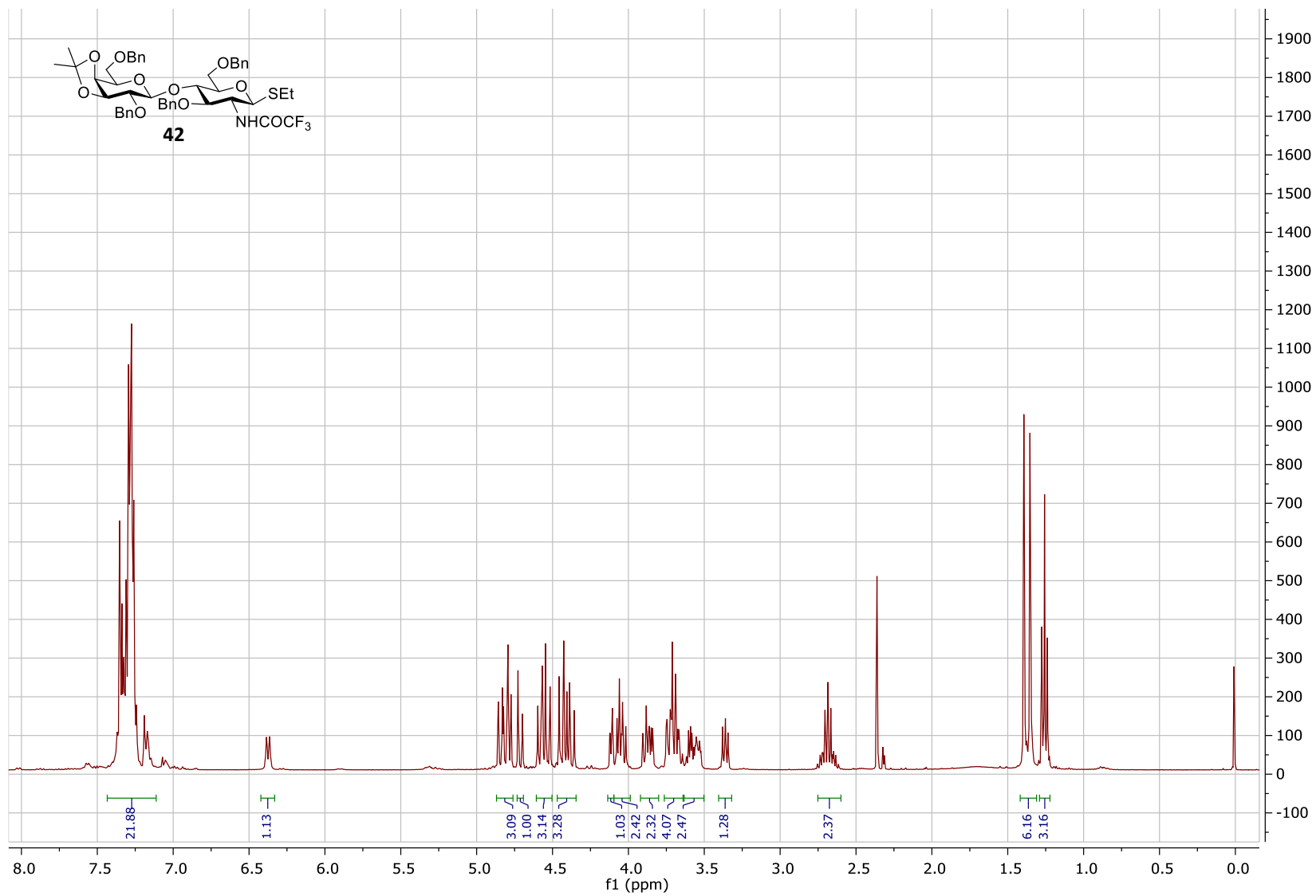
Compound **40**:
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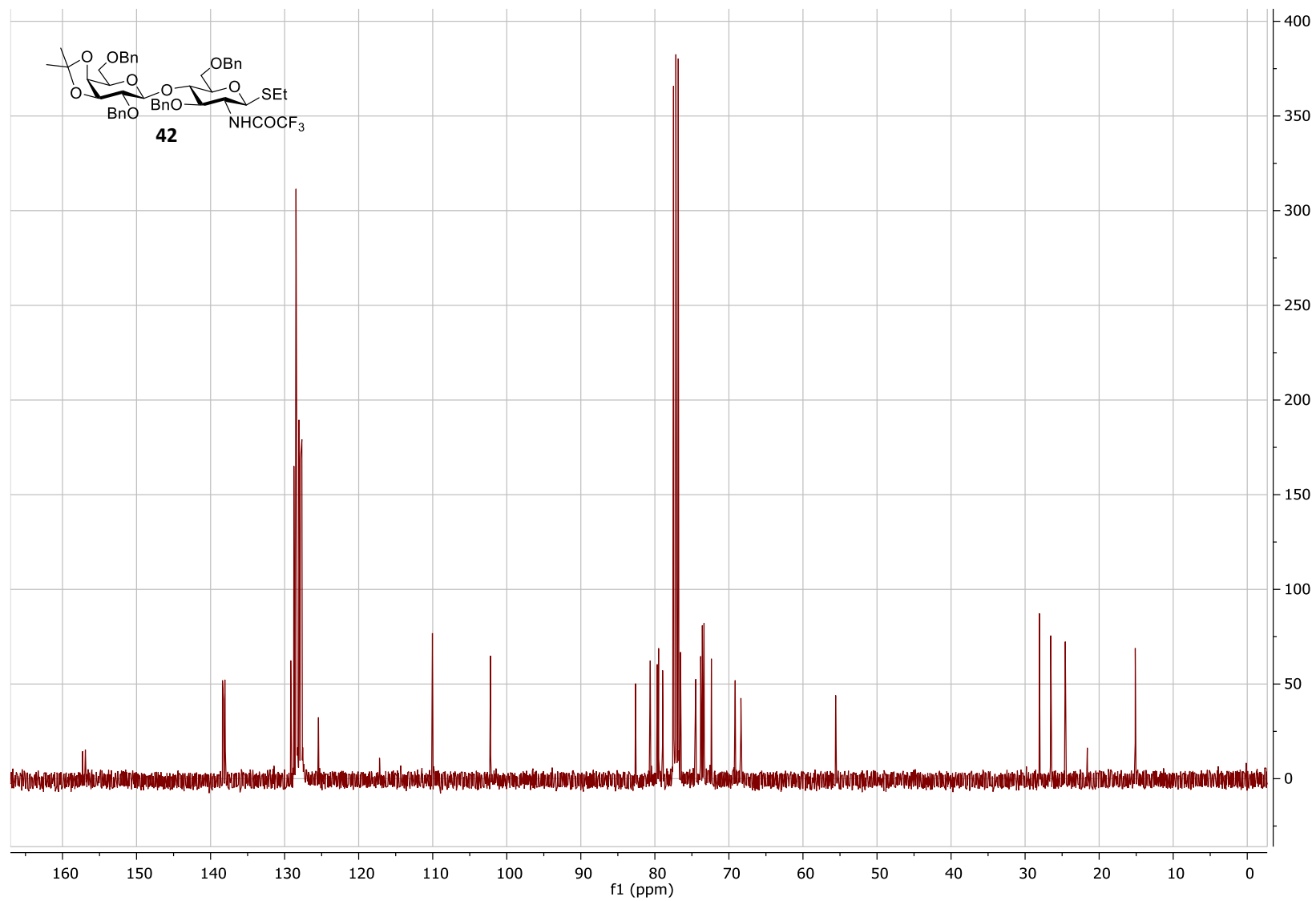
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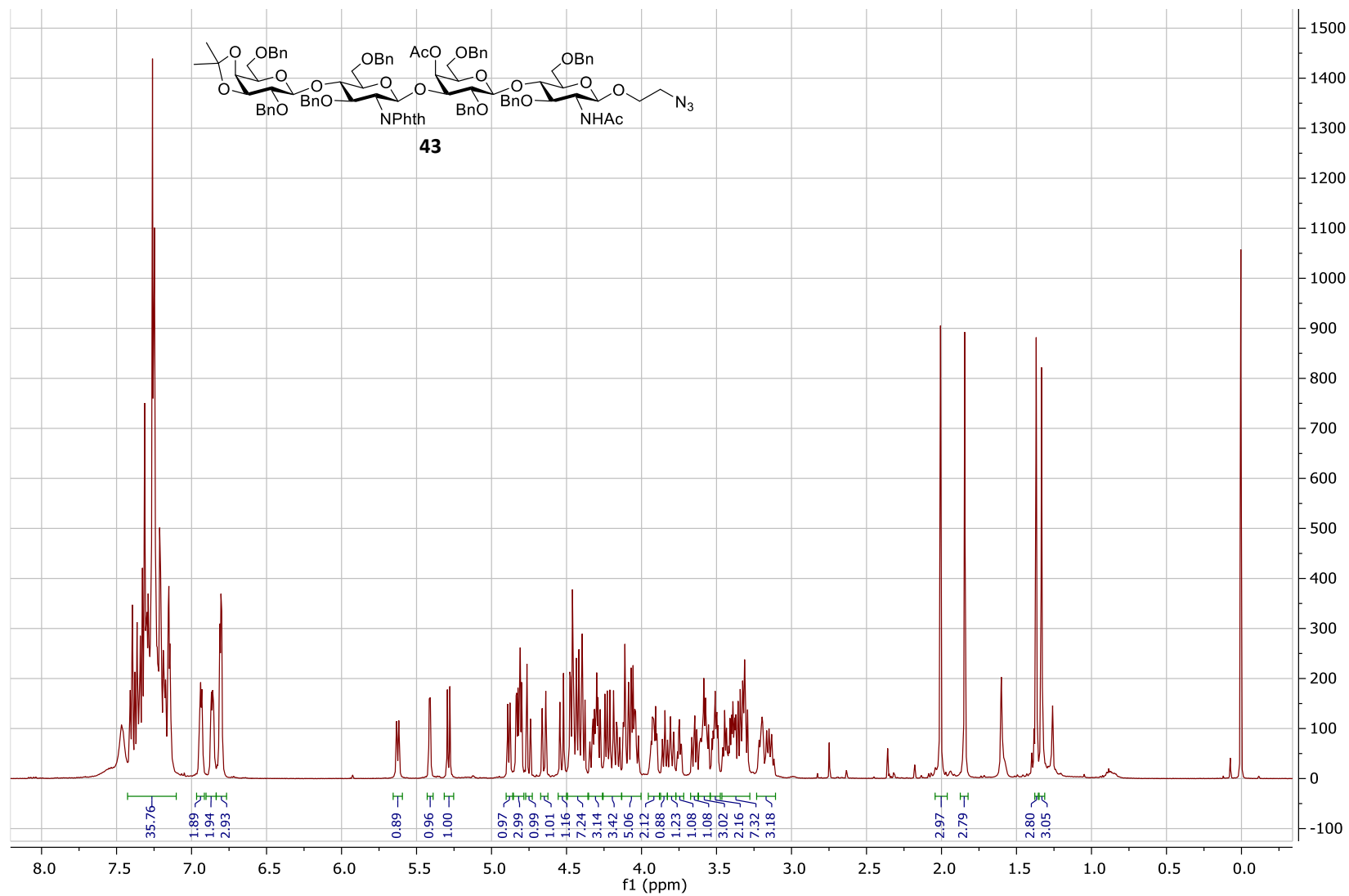
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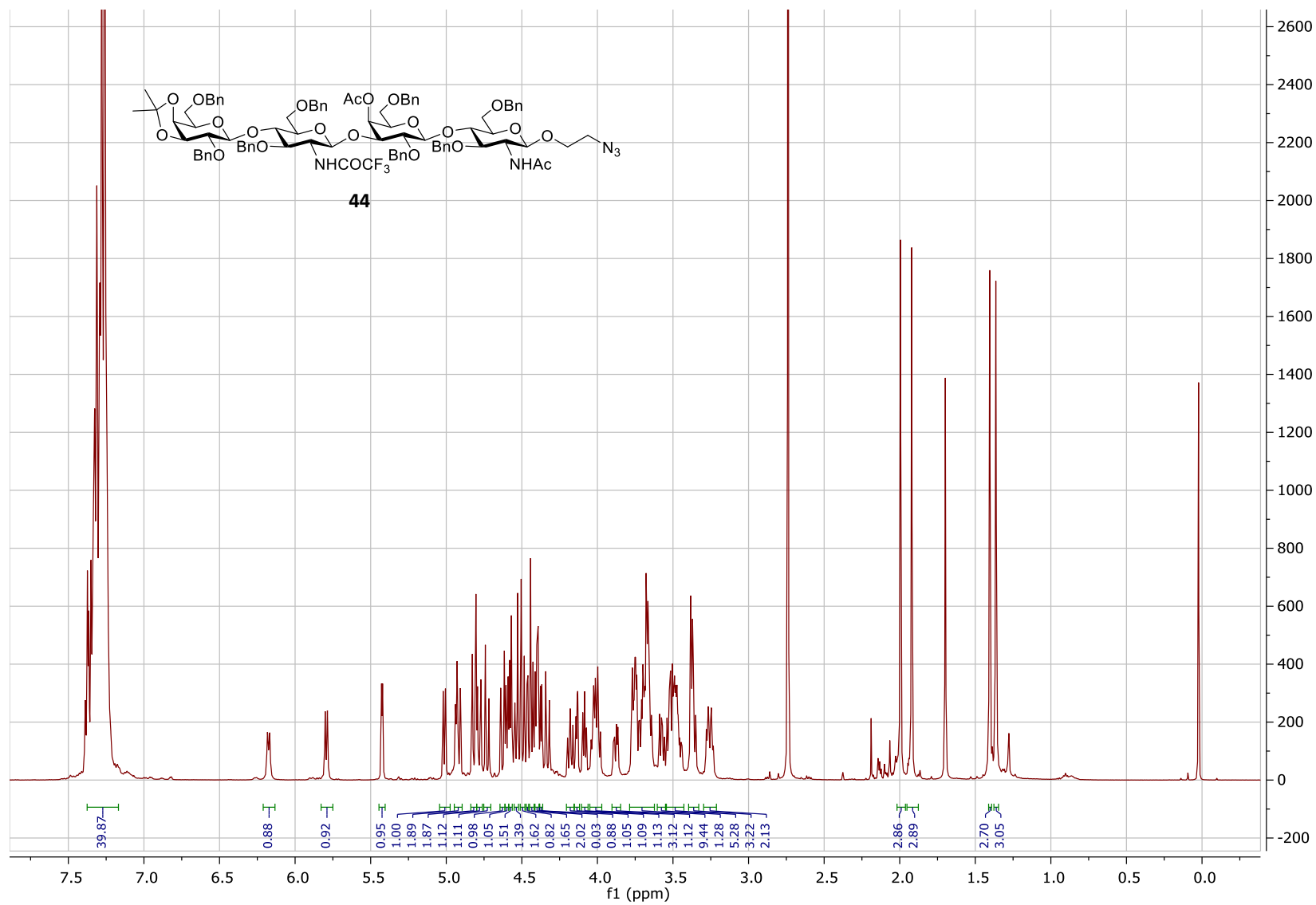
Compound **42**:
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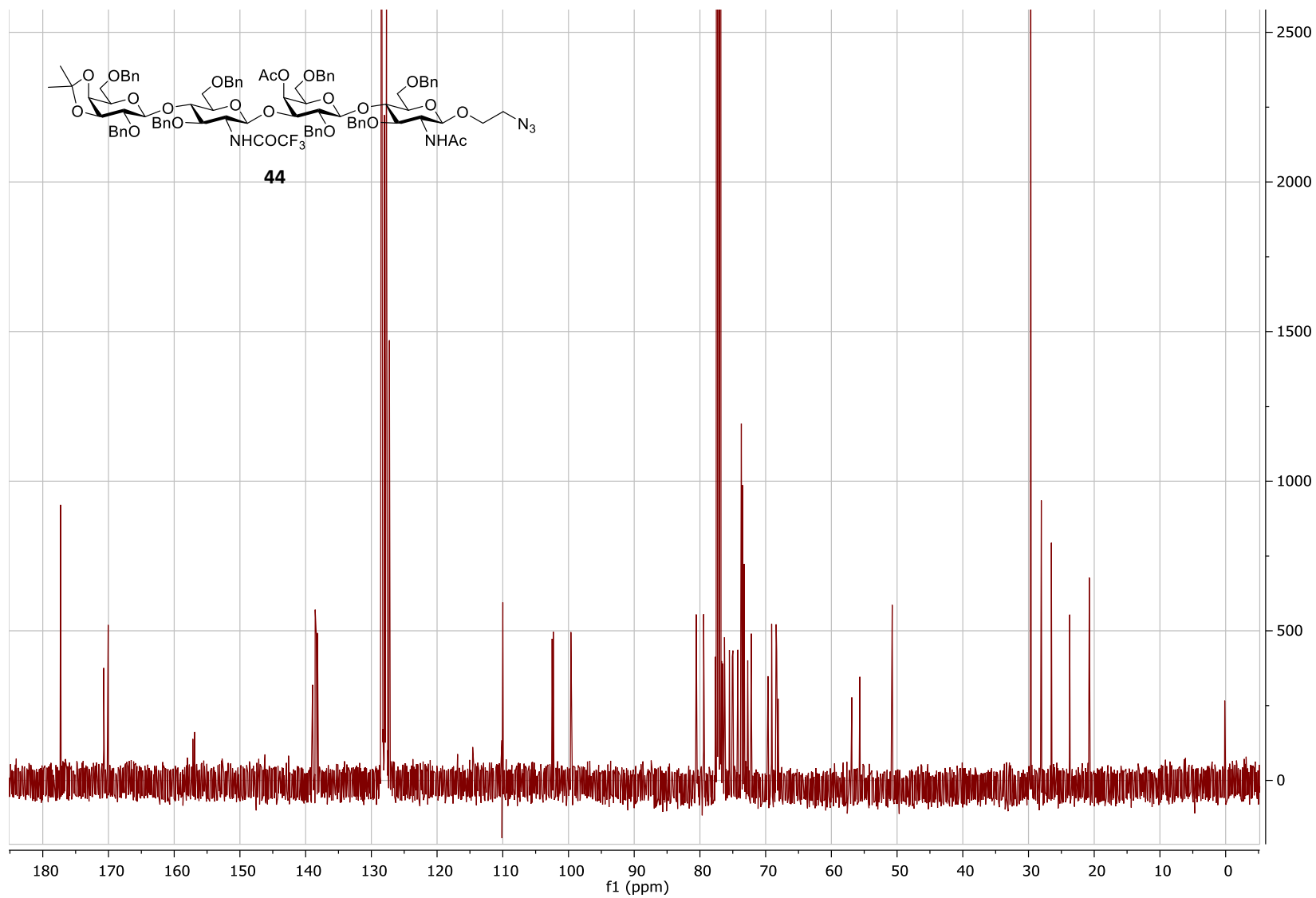
Compound **43**:
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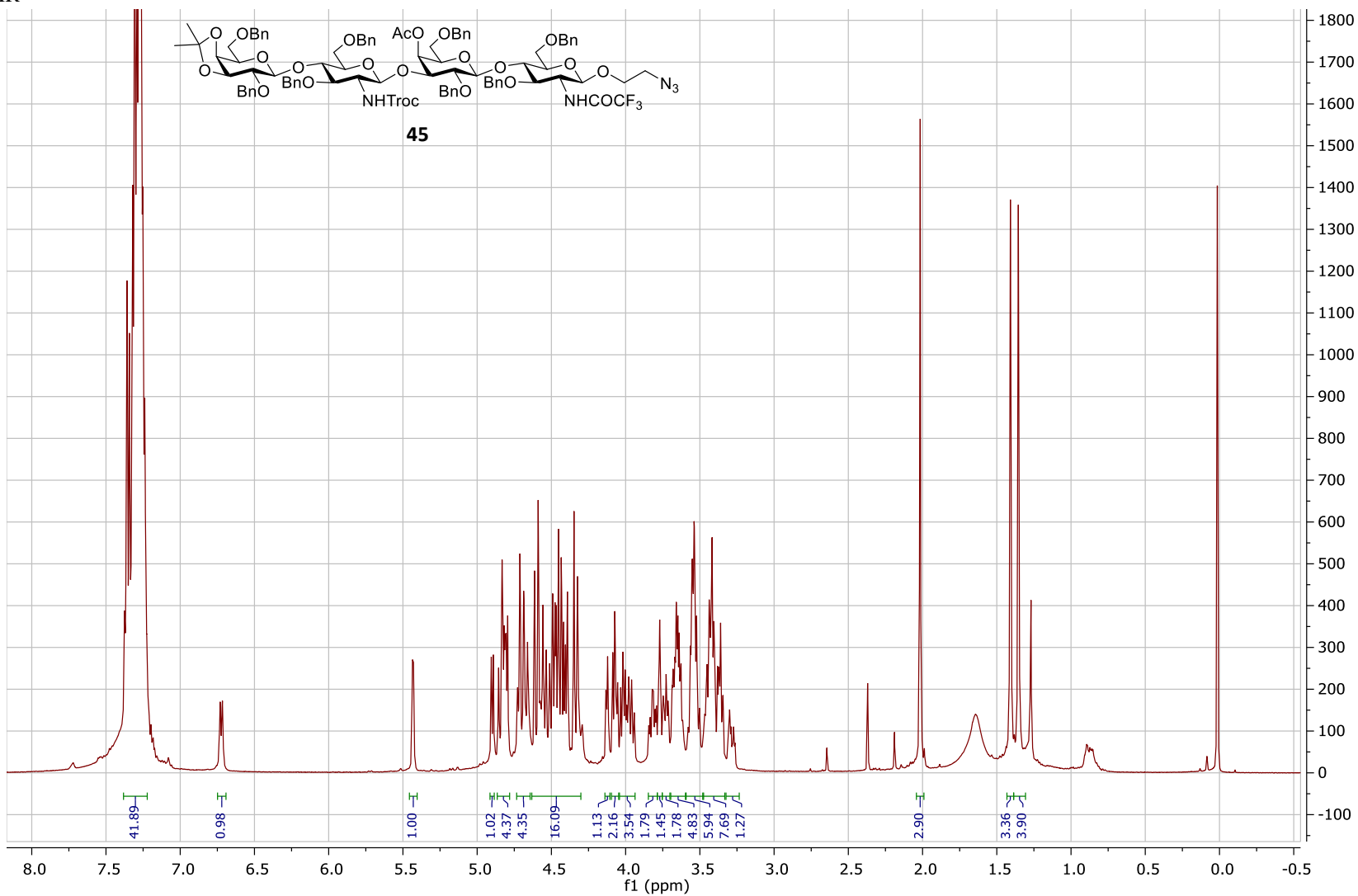
Compound 44:
¹H NMR



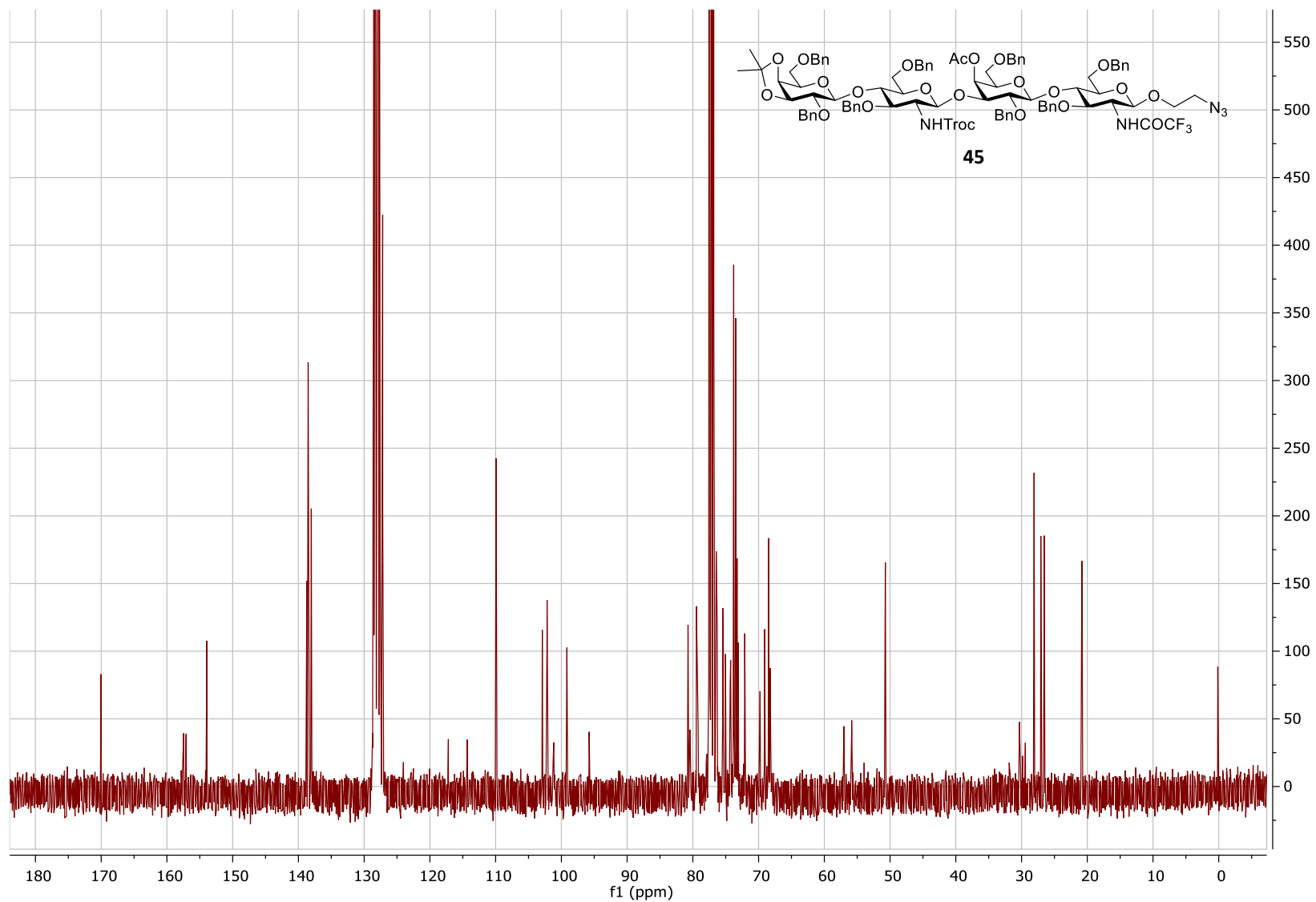
Compound **44**:
¹³C NMR



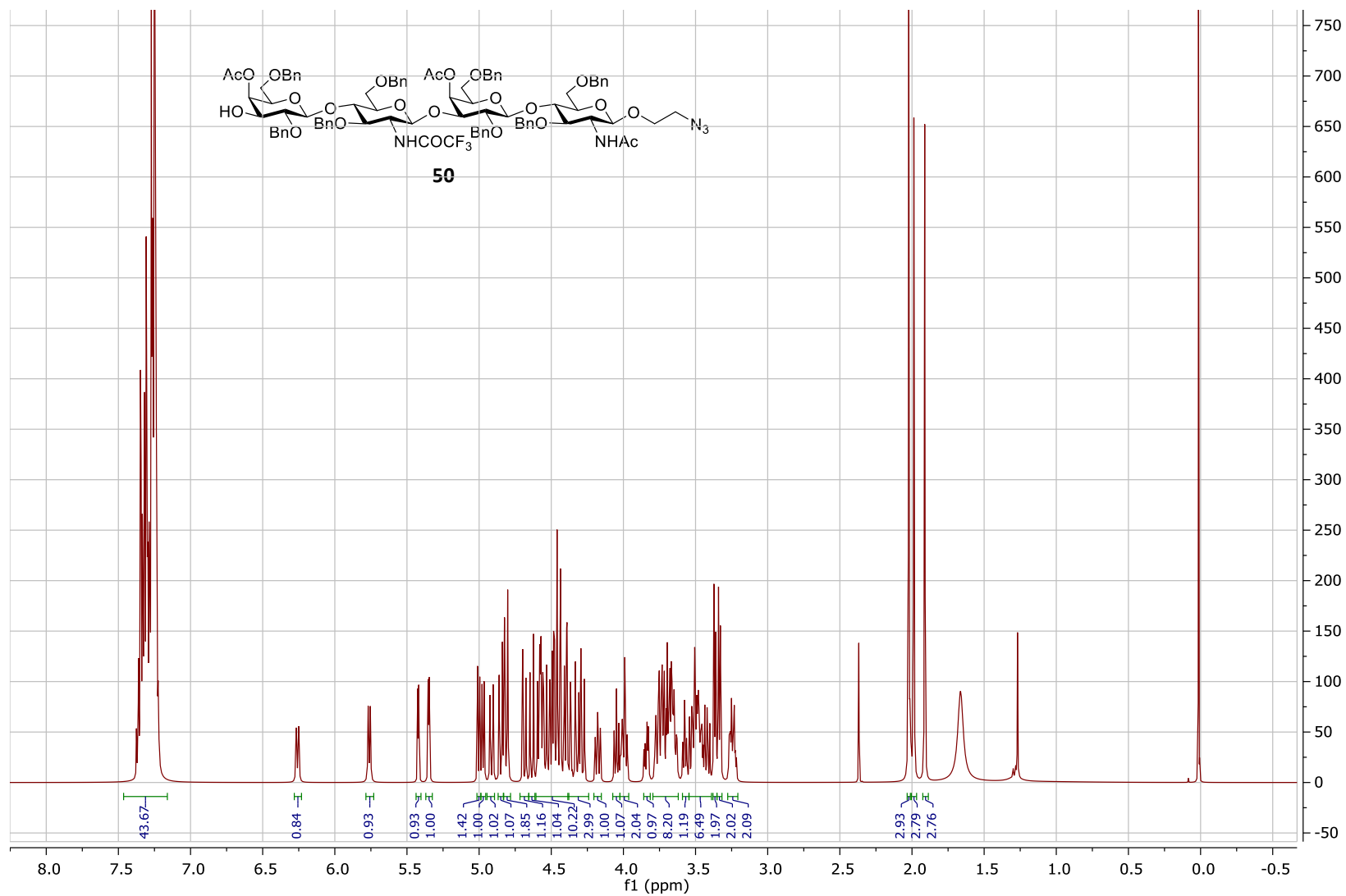
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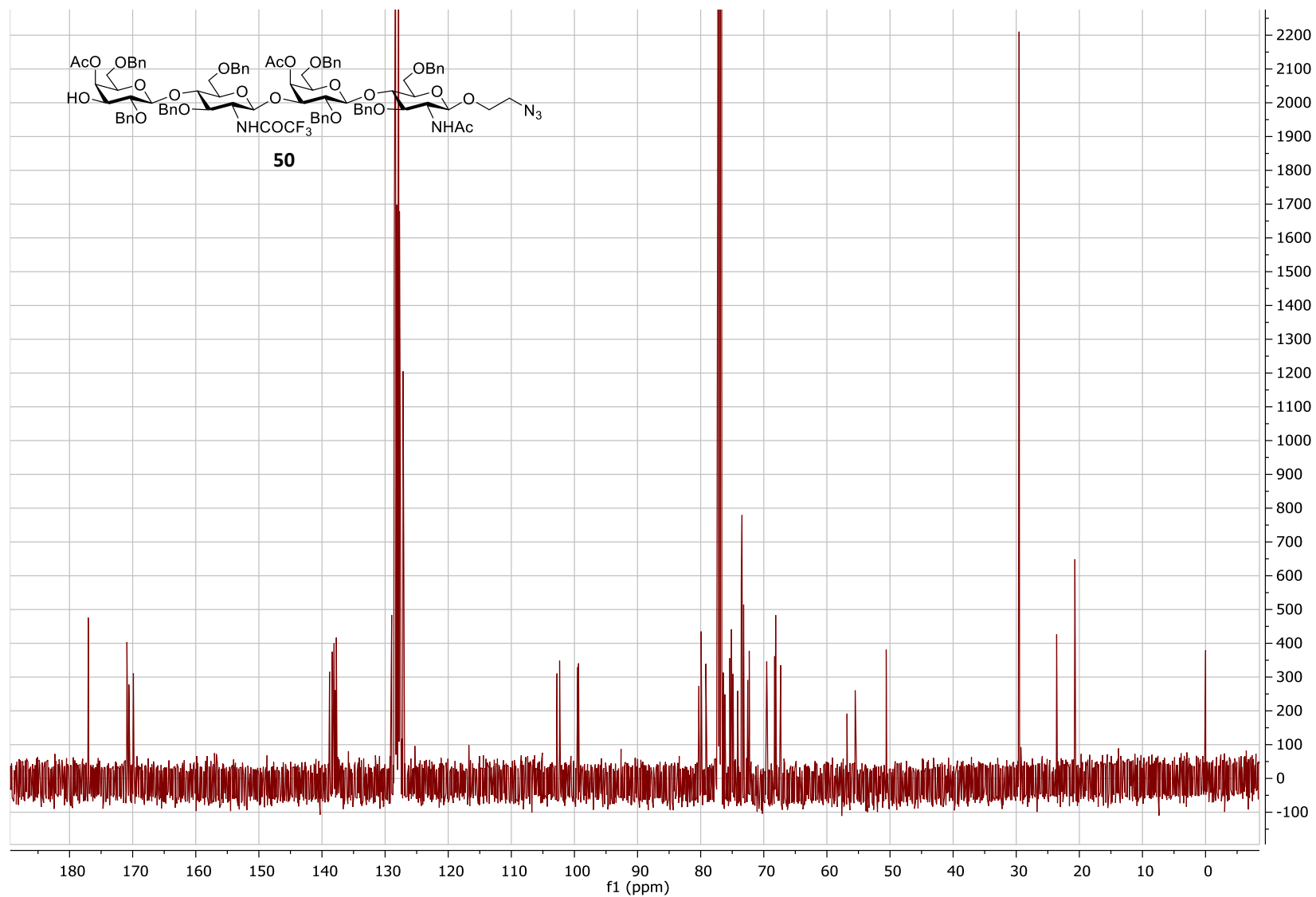
Compound **45**:
¹³C NMR



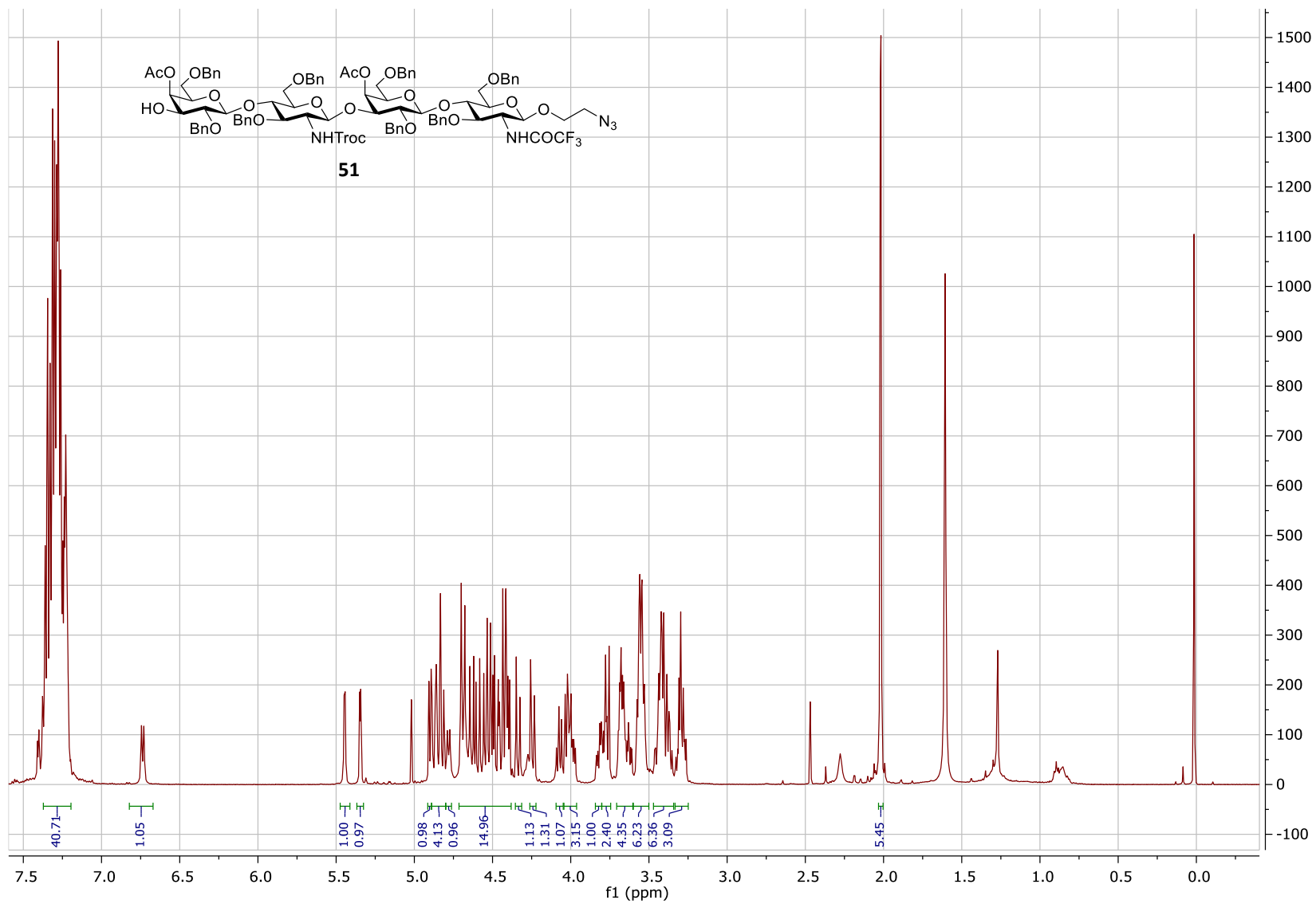
Compound **50**:
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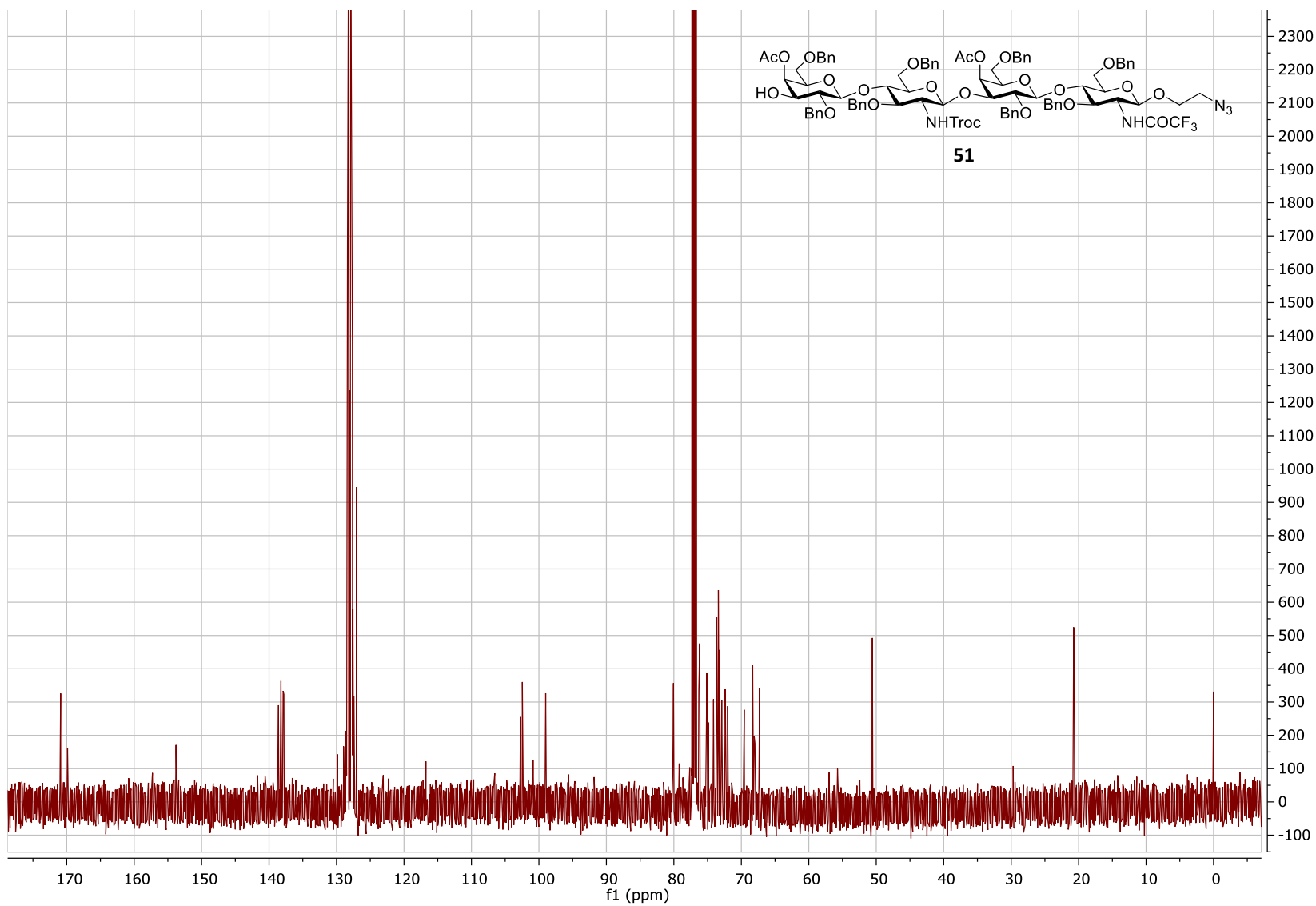
Compound **50**:
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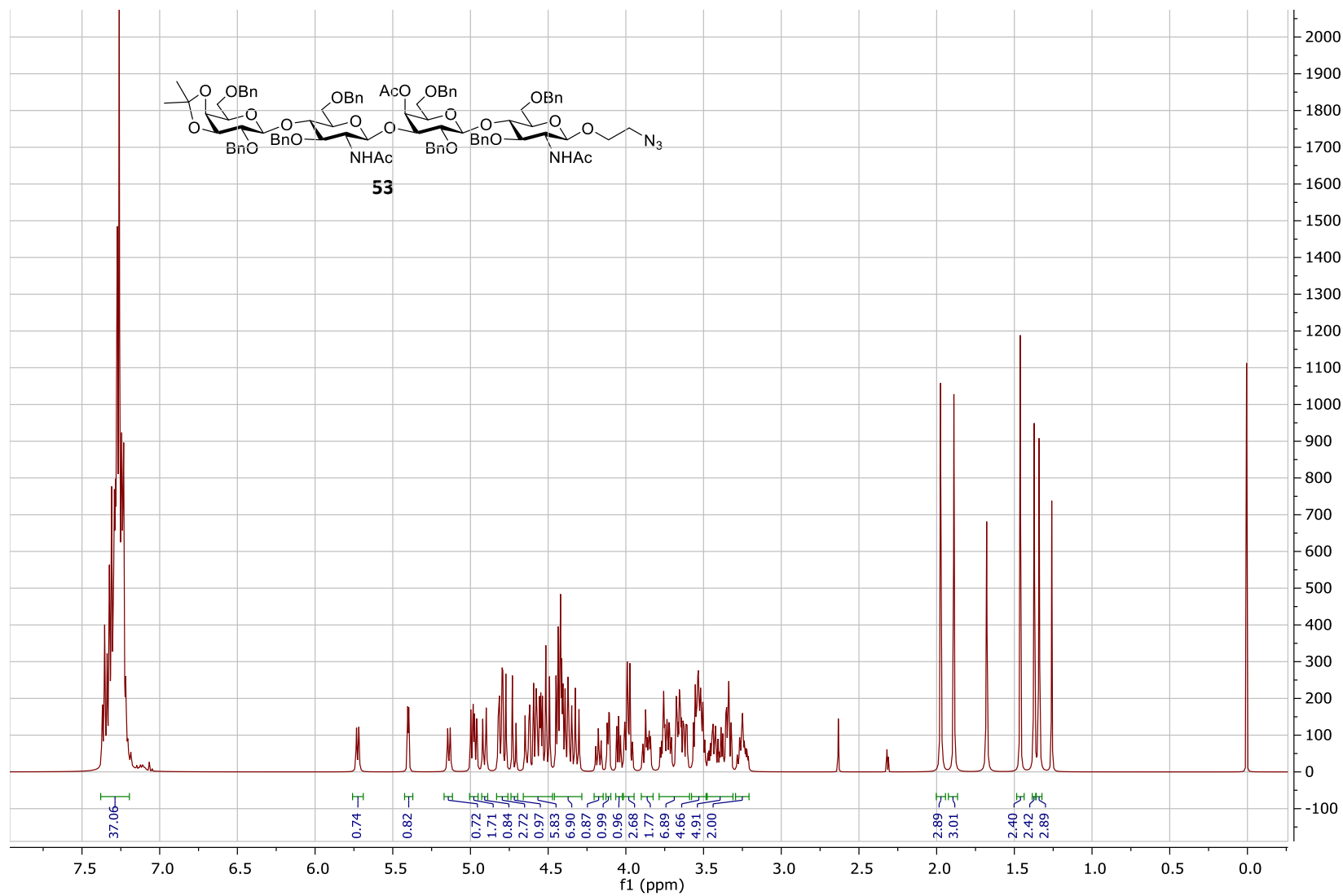
Compound 51:
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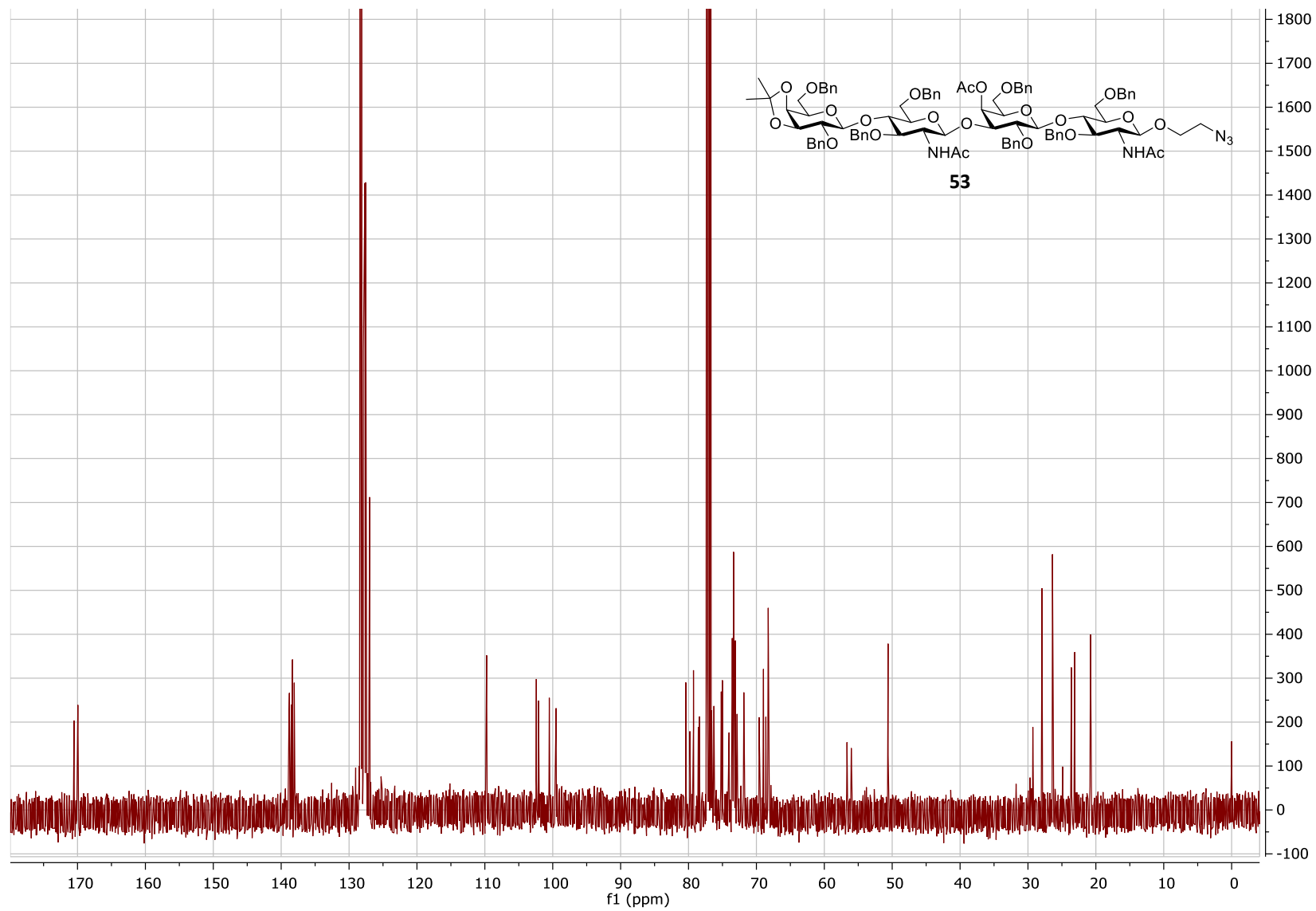
Compound **51**:
¹³C NMR



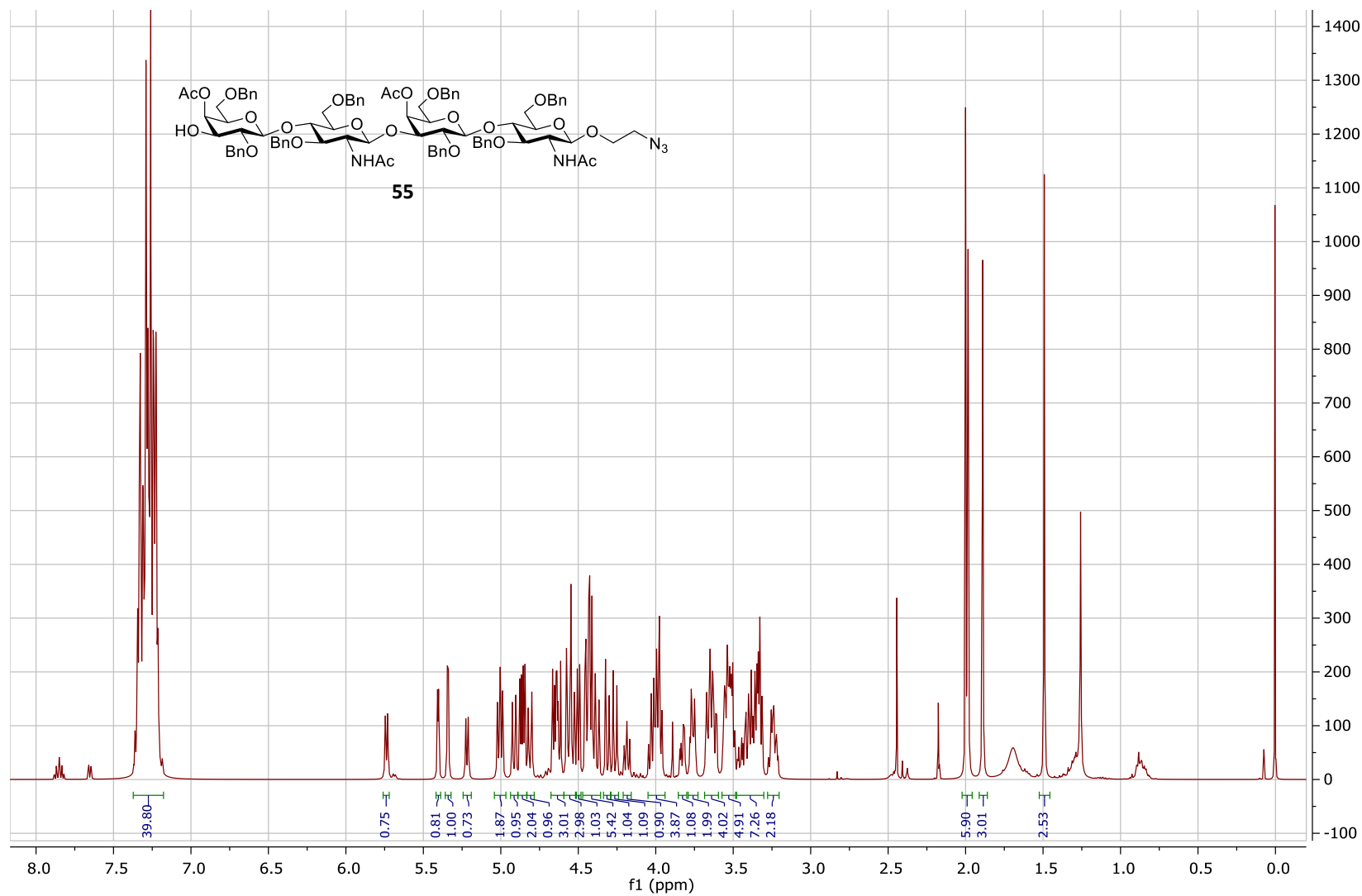
Compound **52**:
¹H NMR



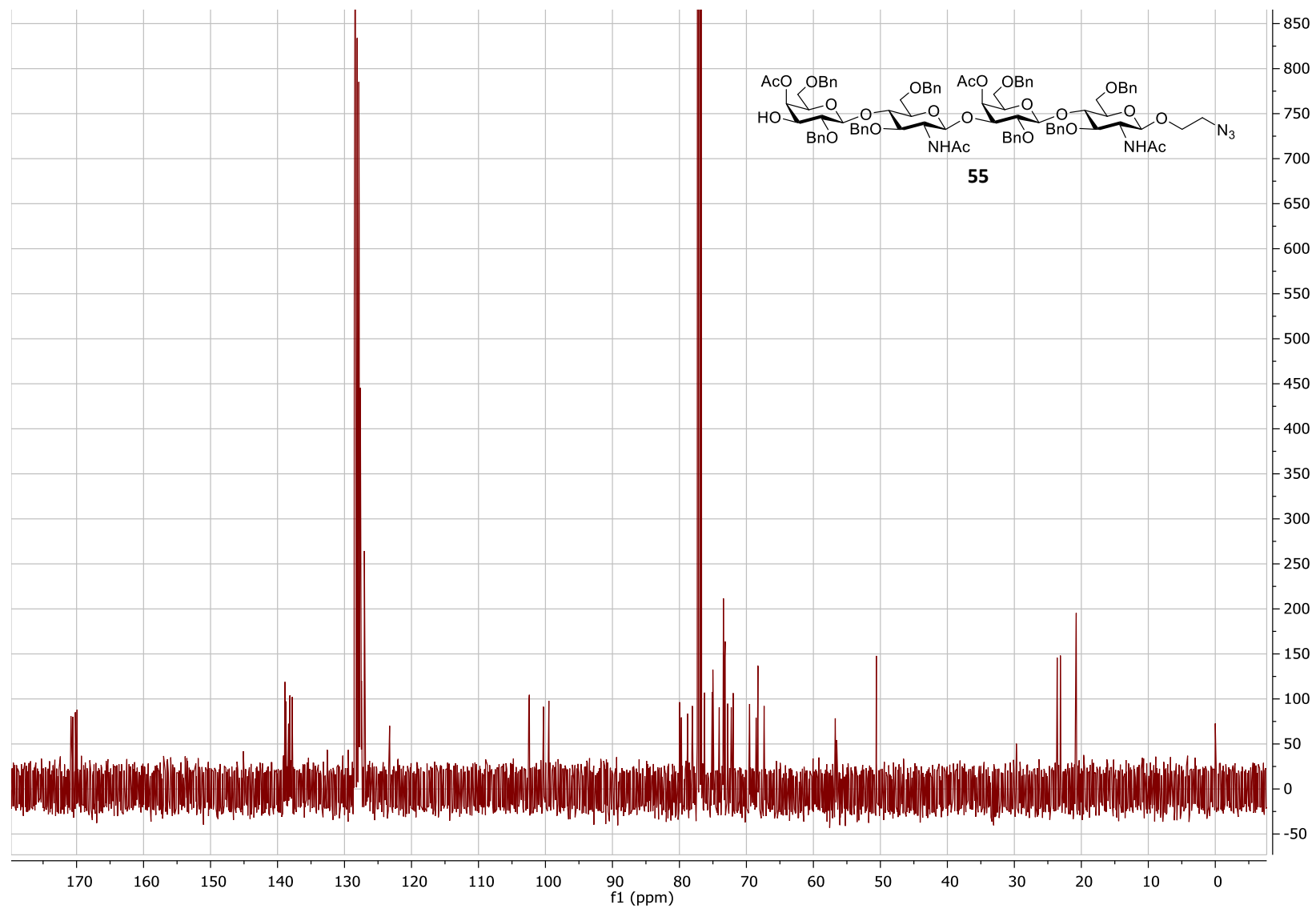
Compound **52**:
¹³C NMR



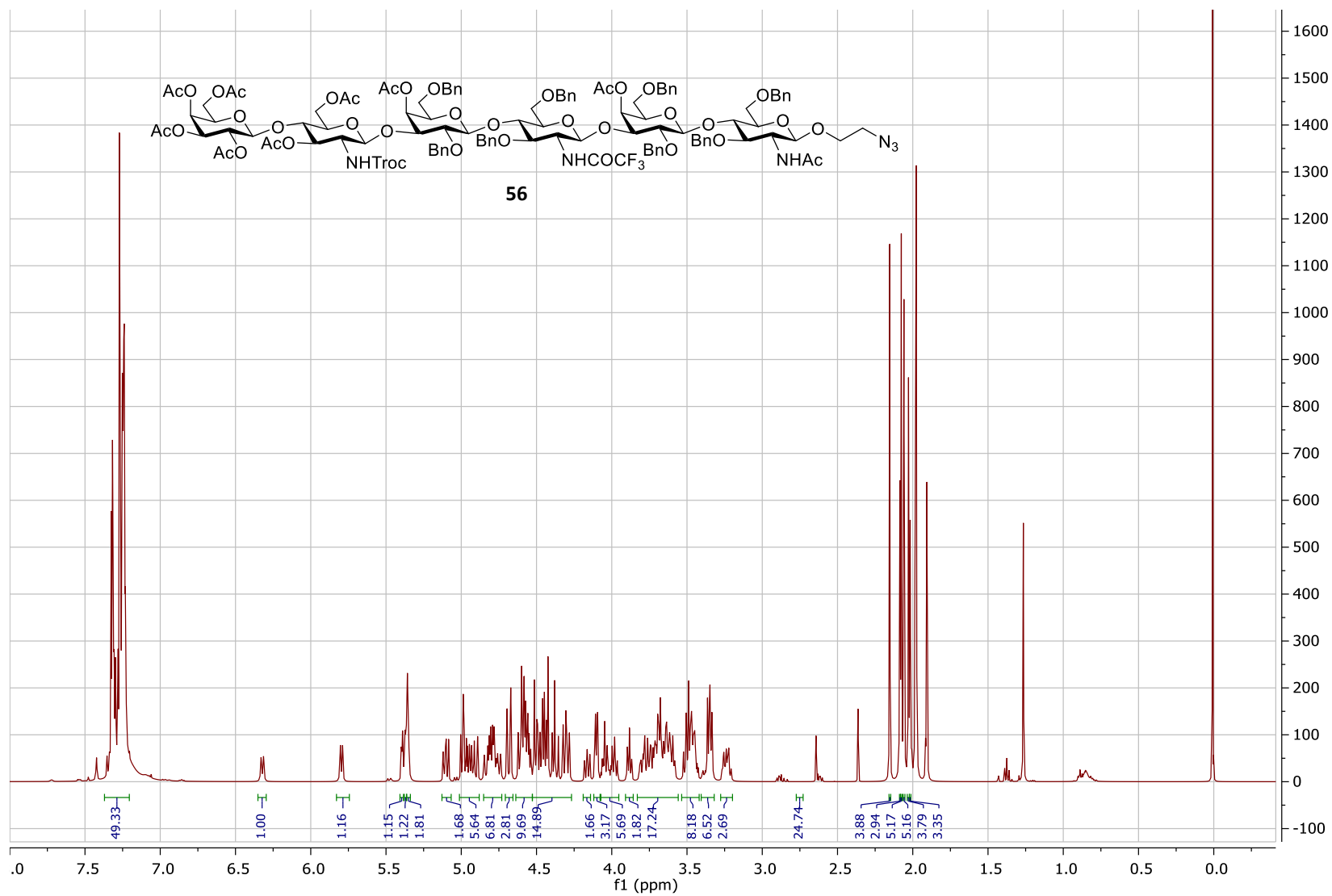
Compound **55**:
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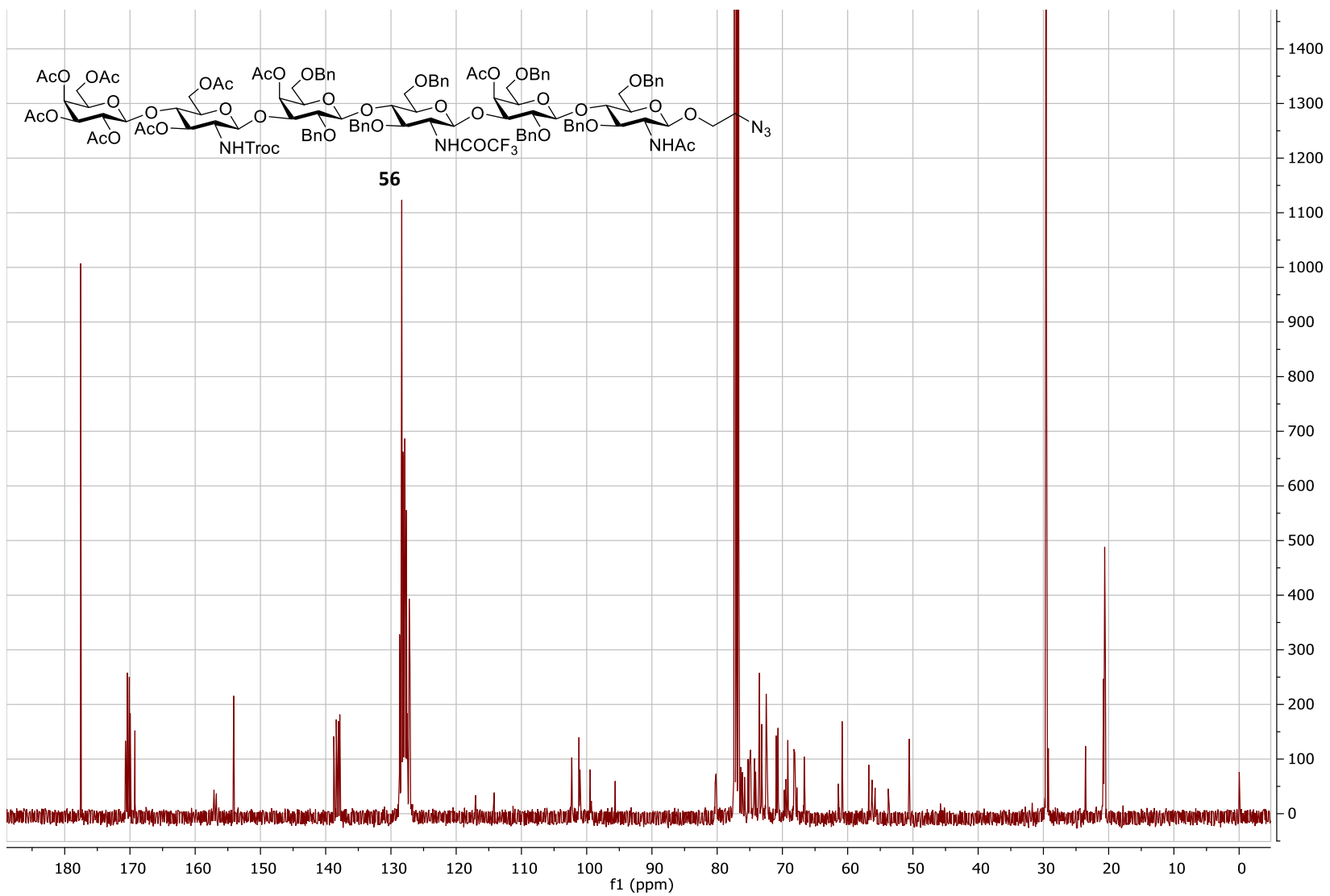
Compound **55**:
 ^{13}C NMR



Compound **56**:
¹H NMR

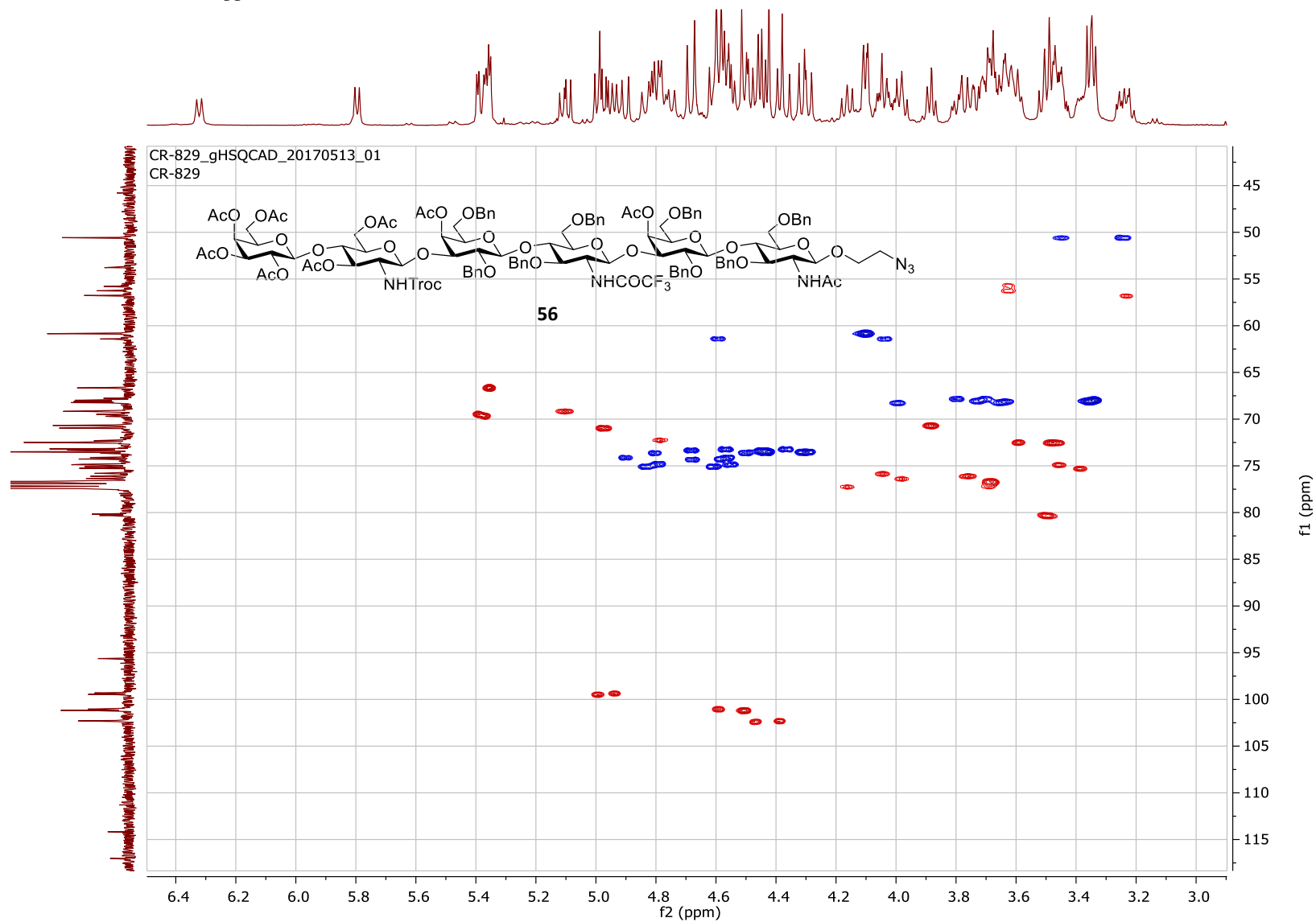


Compound **56**:
¹³C NMR

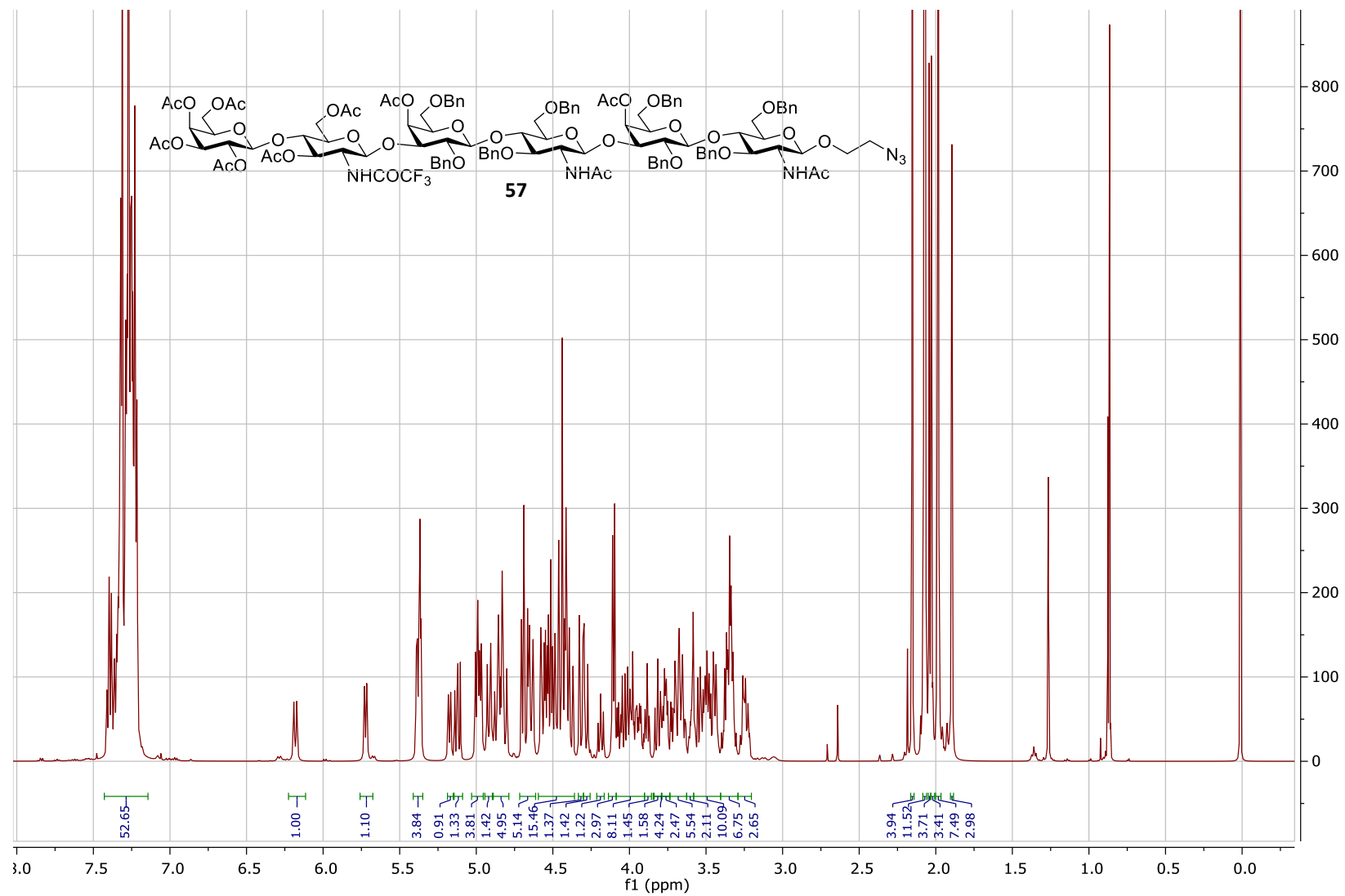


Compound **56**:

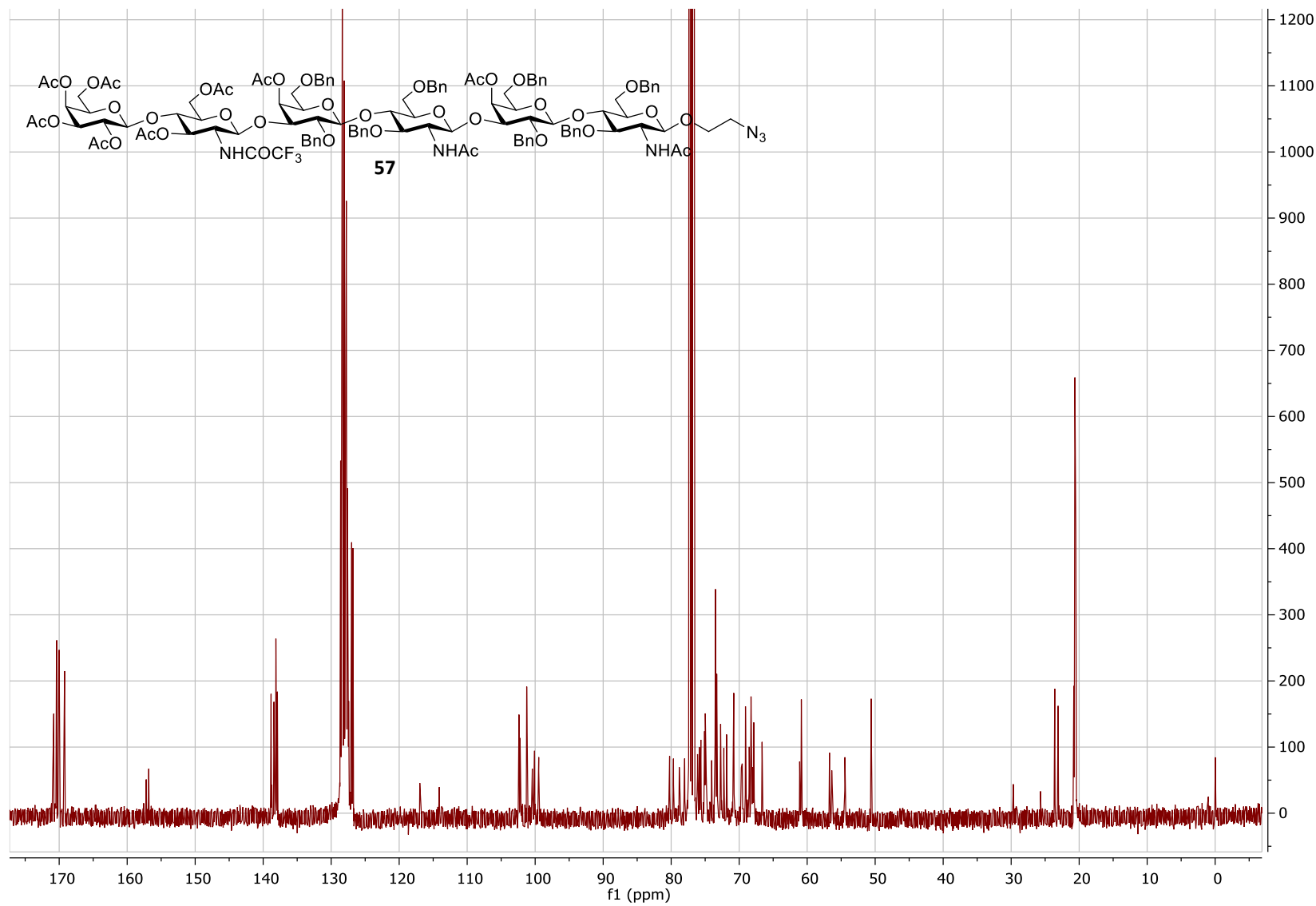
^1H - ^{13}C HSQC (6.4 – 2.6 ppm zoom-in)



Compound **57**:
¹H NMR

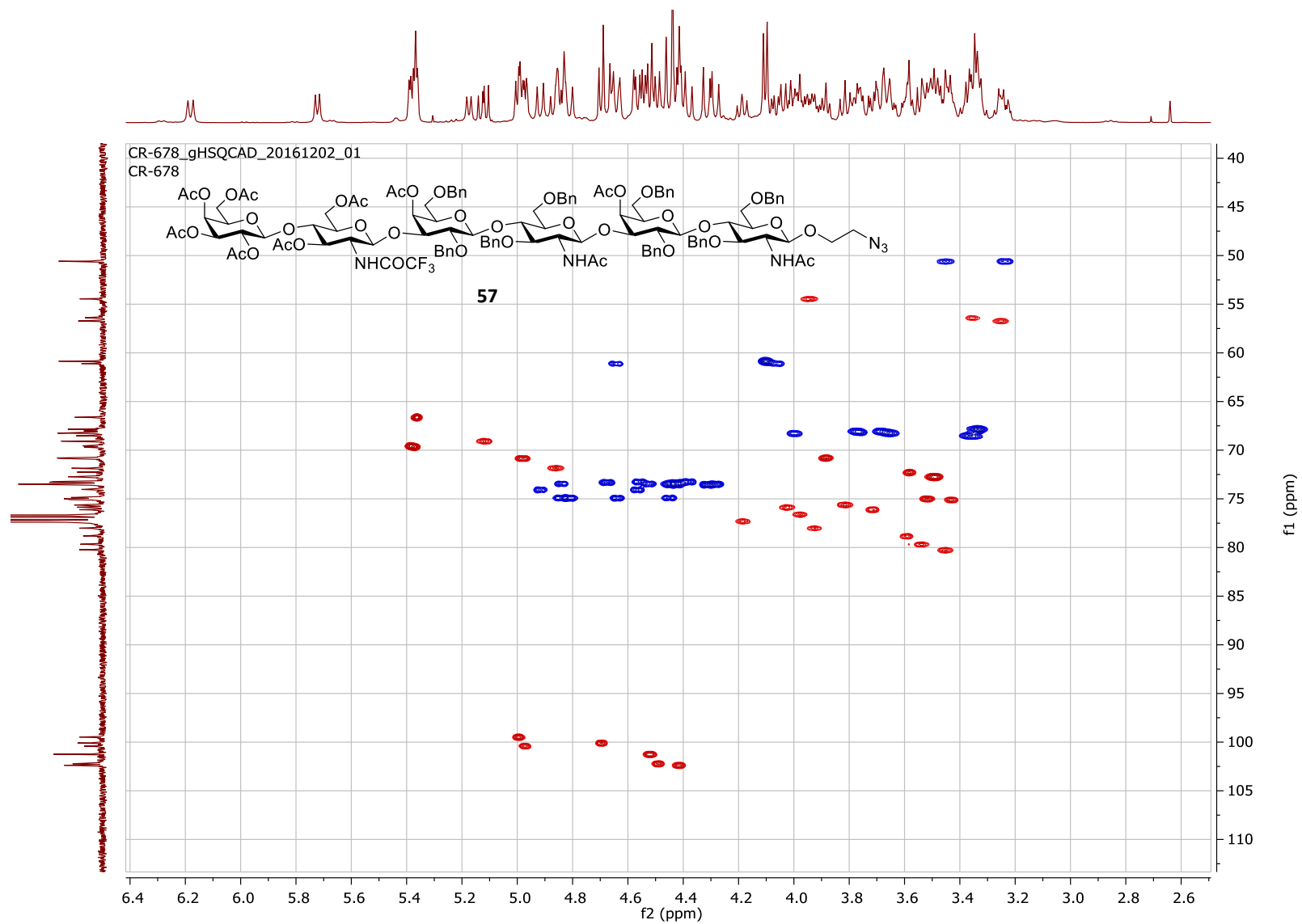


Compound **57**:
¹³C NMR

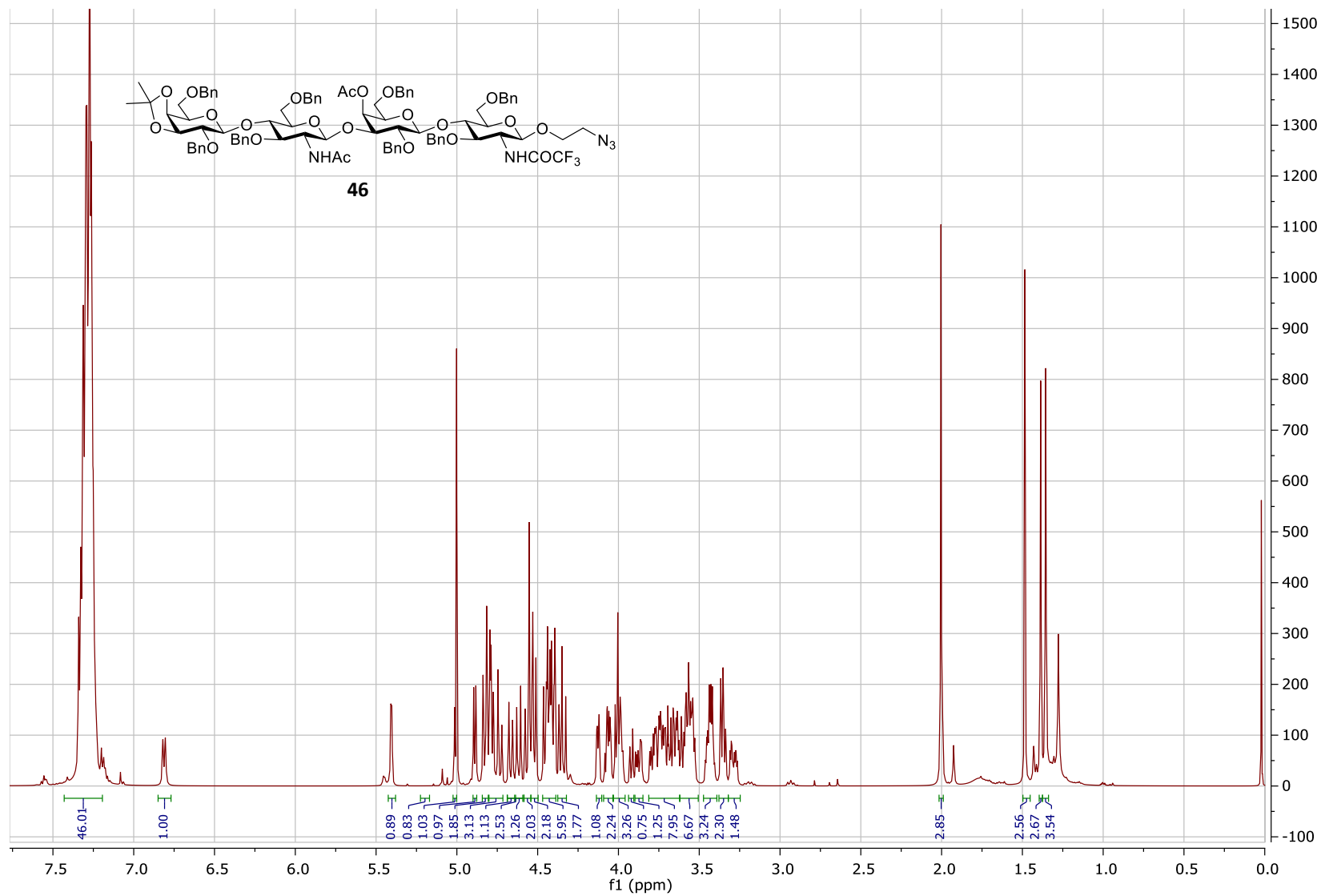


Compound **57**:

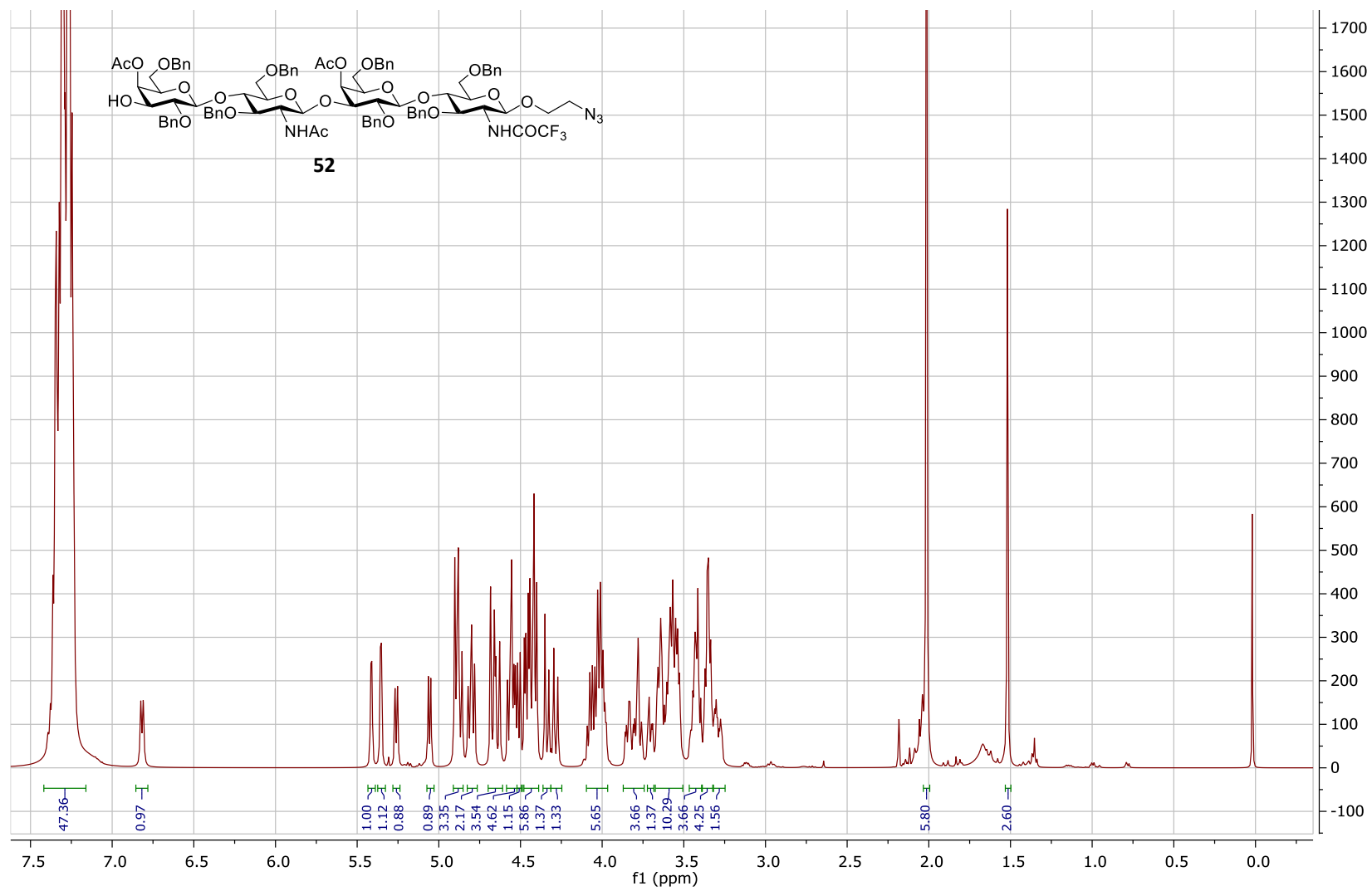
^1H - ^{13}C HSQC (6.4 – 2.6 ppm zoom-in)



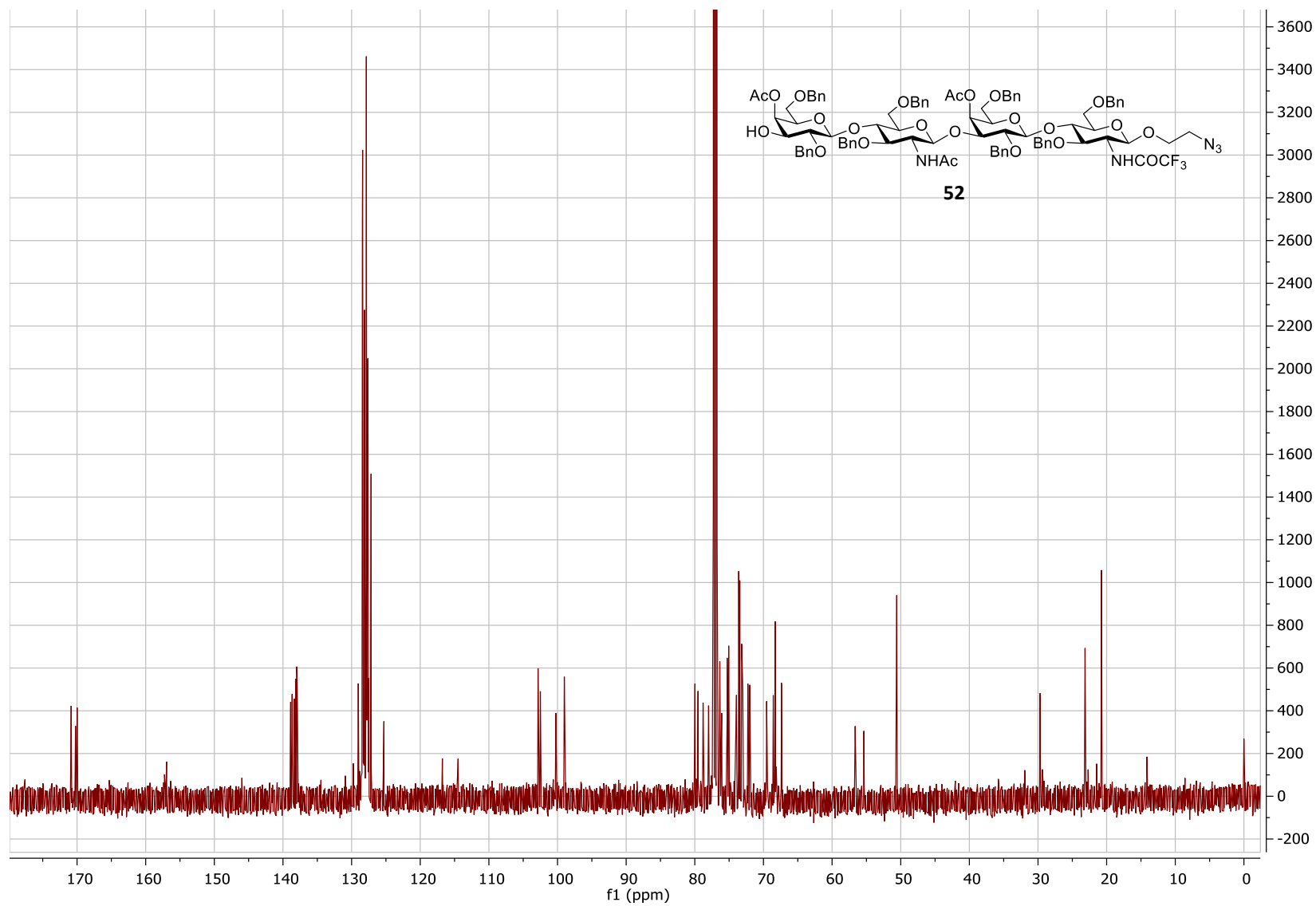
Compound 46:
¹H NMR



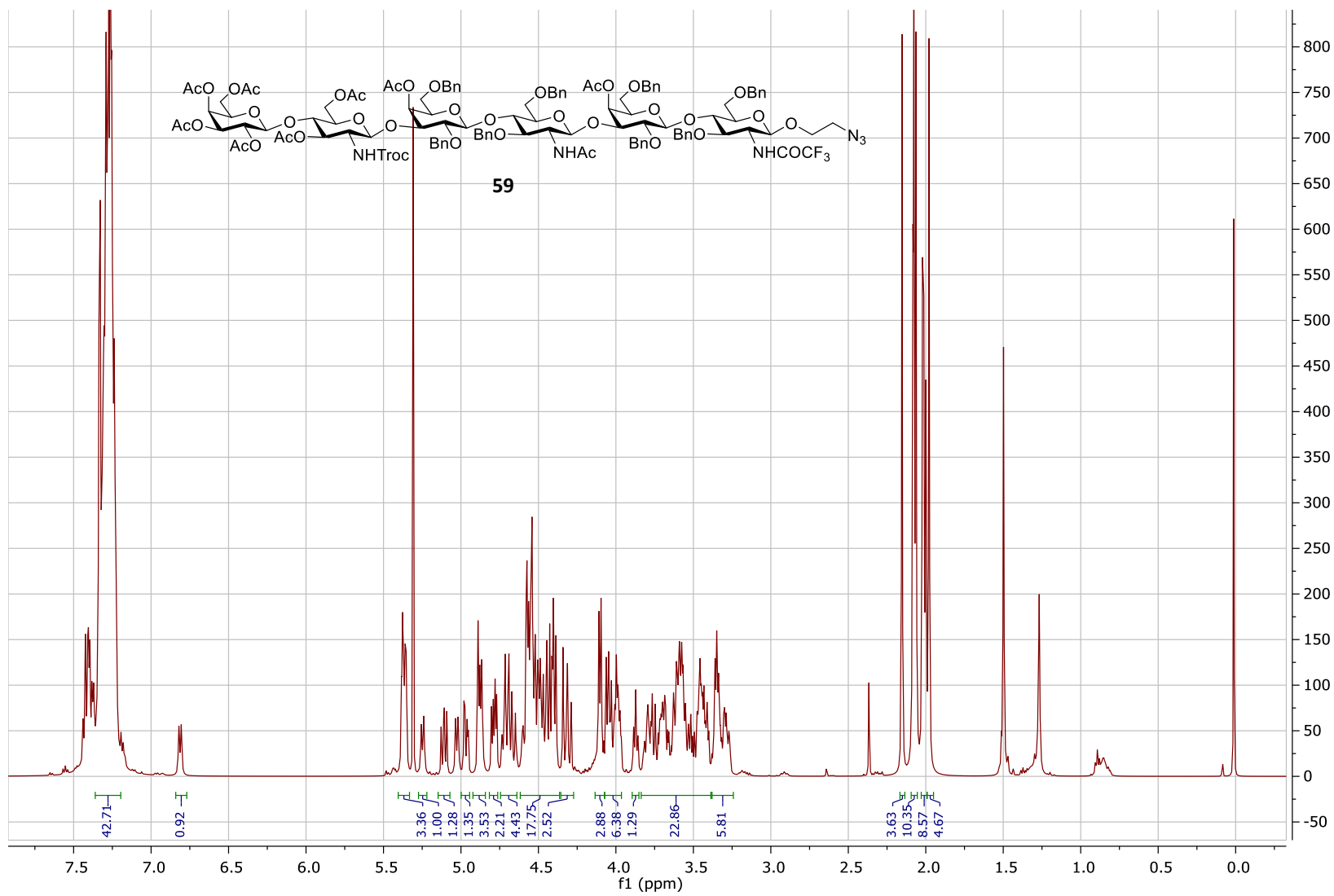
Compound **52**:
¹H NMR



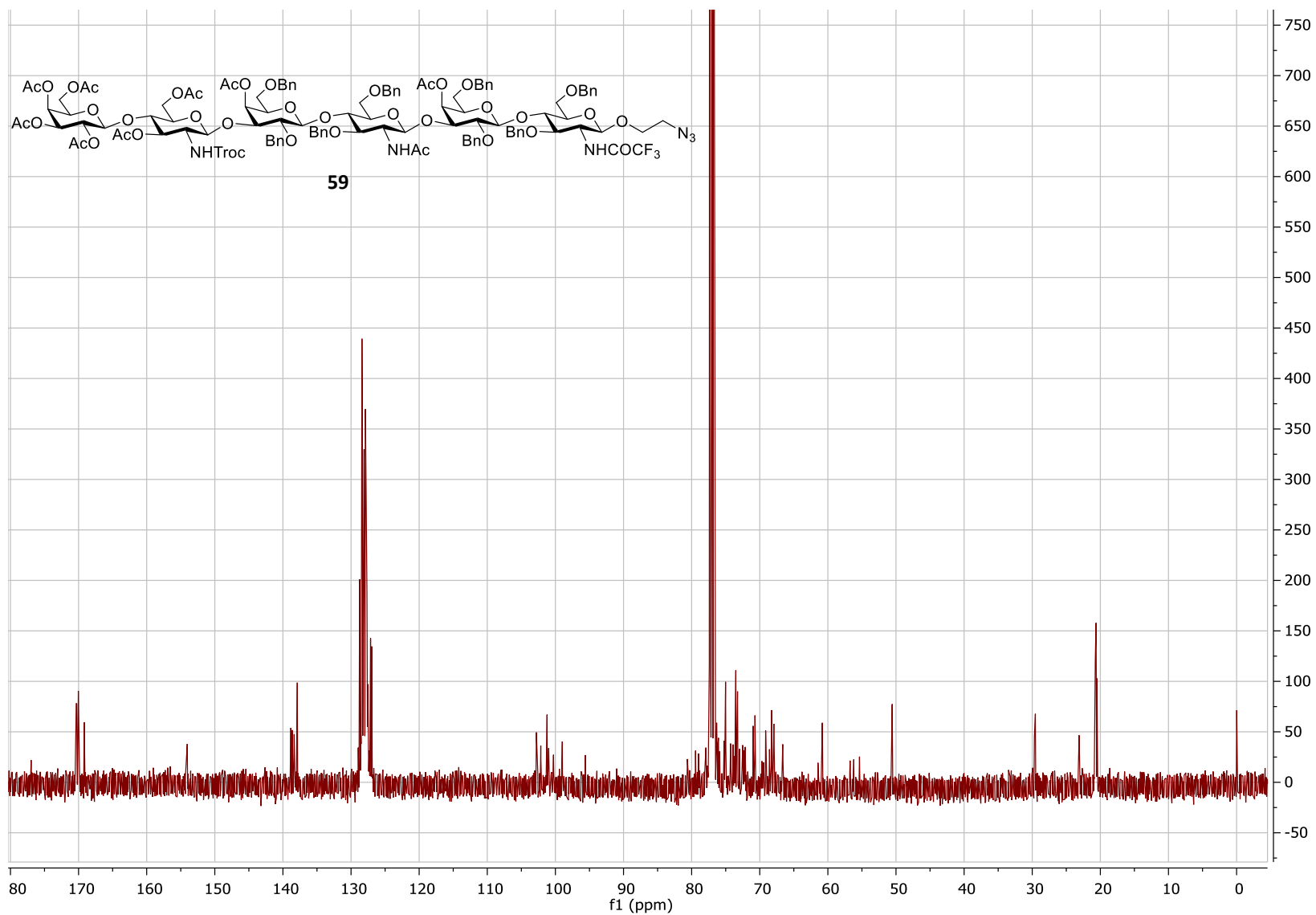
Compound **52**:
¹³C NMR



Compound 59:
¹H NMR



Compound **59**:
¹³C NMR



Compound **59**:

^1H - ^{13}C HSQC (6.8 – 3 ppm zoom-in)

