

Supporting Information

Synthesis of the Tetrasaccharide Repeating Unit of the β -Kdo-Containing Exopolysaccharide from *Burkholderia pseudomallei* and *B. cepacia* complex

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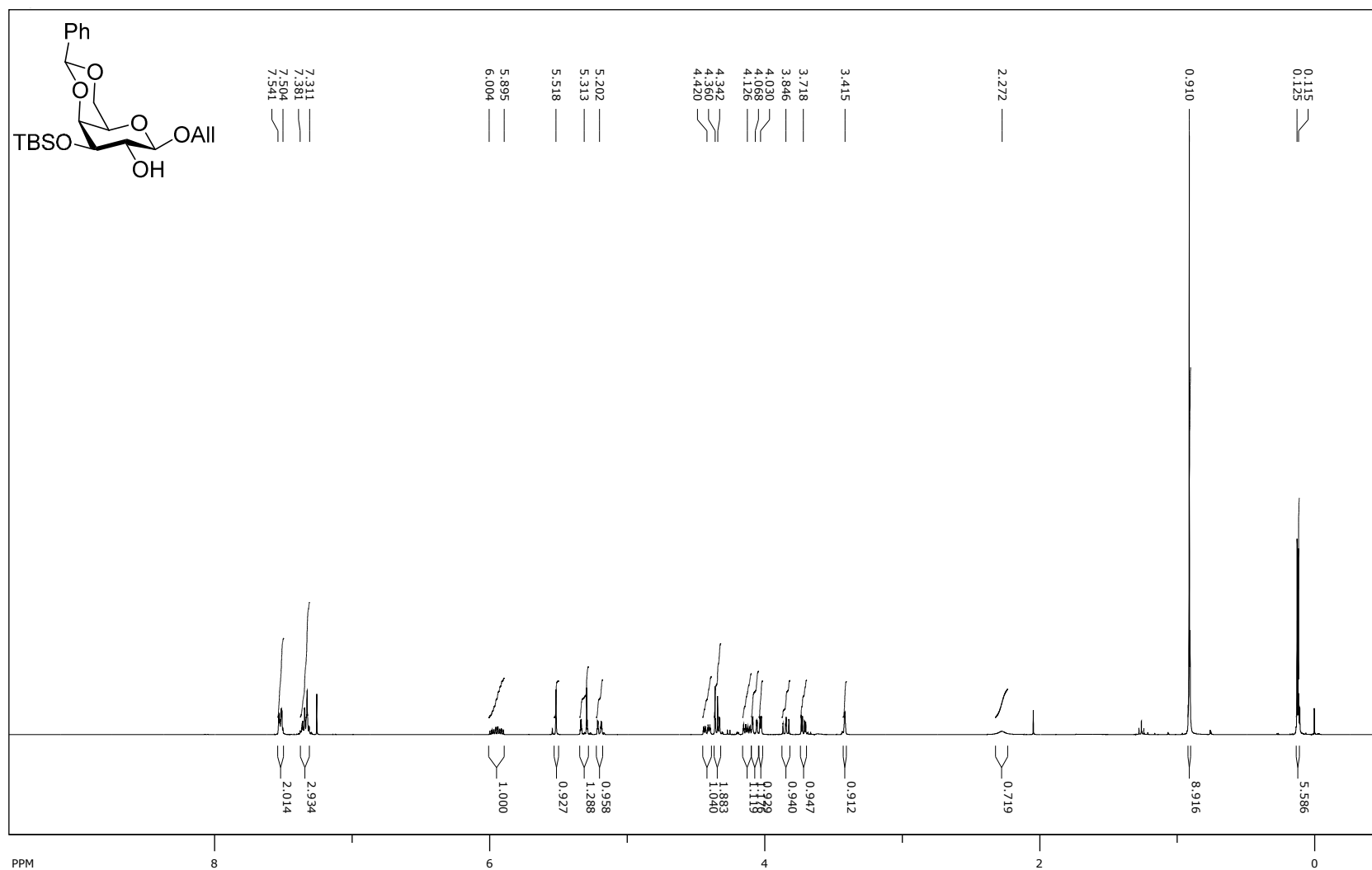
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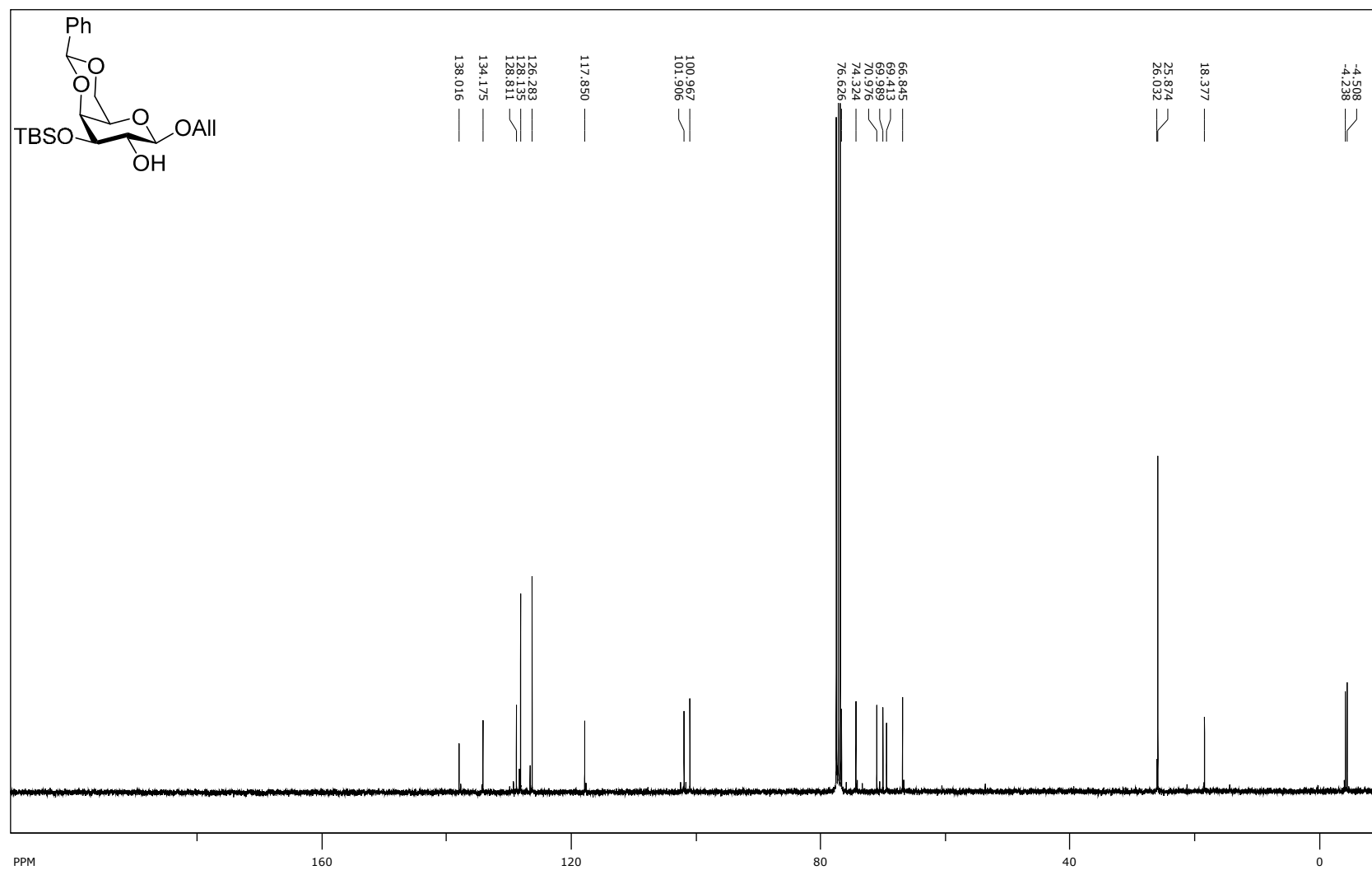
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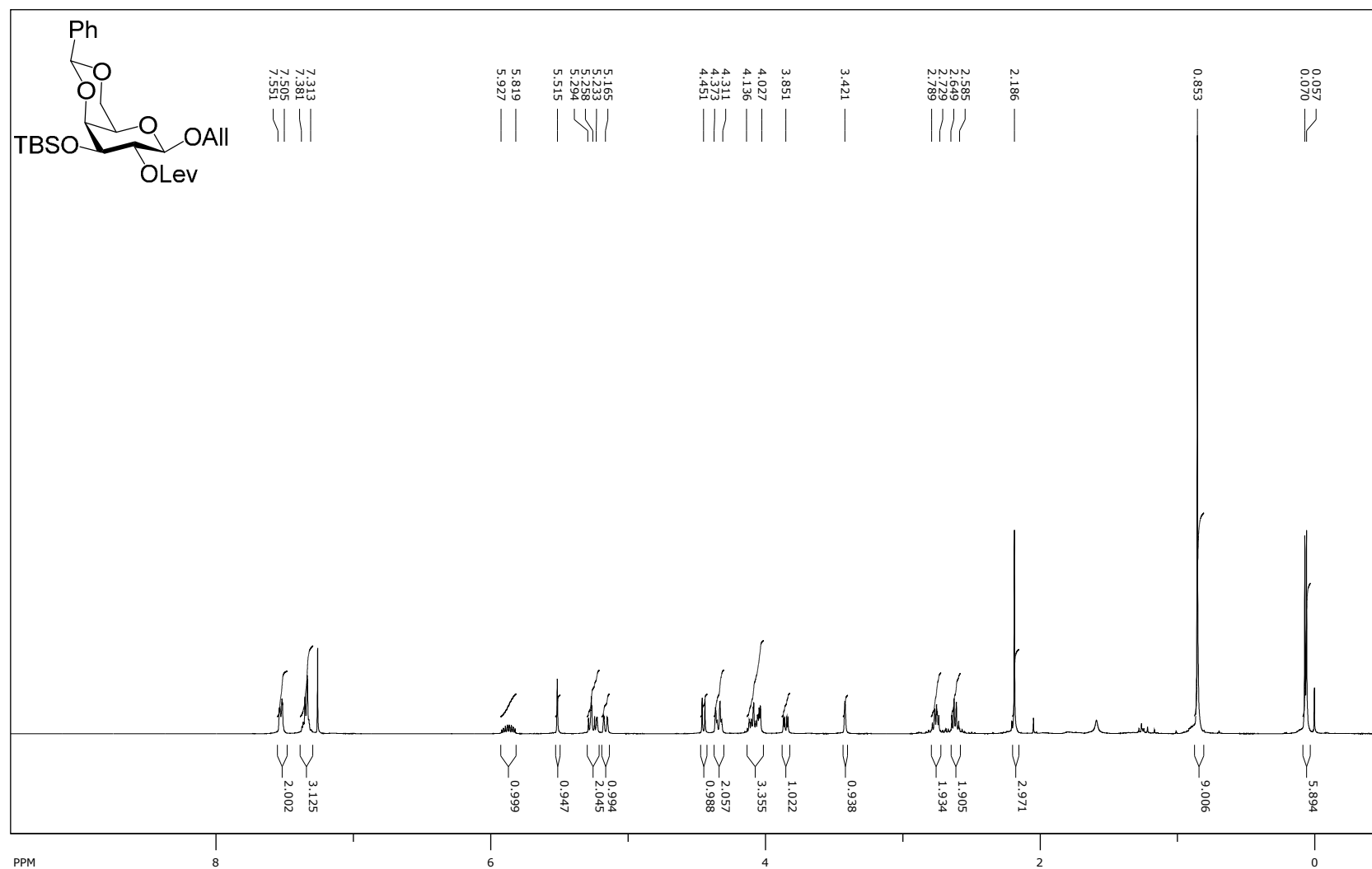
^1H NMR spectra (CDCl_3 , 400 MHz) of allyl 4,6-*O*-benzylidene-3-*O*-*tert*-butyldimethylsilyl- β -D-galactopyranoside



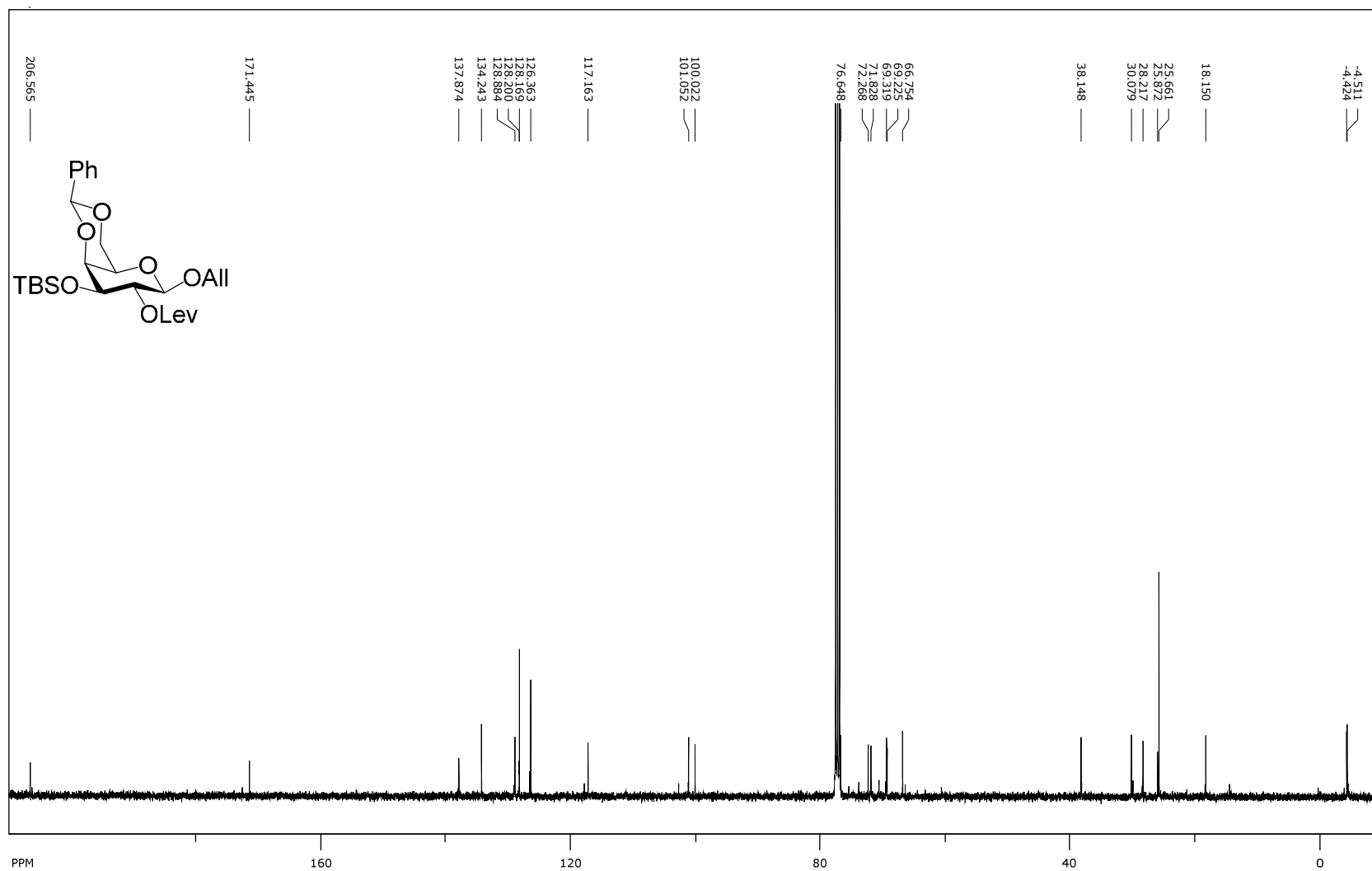
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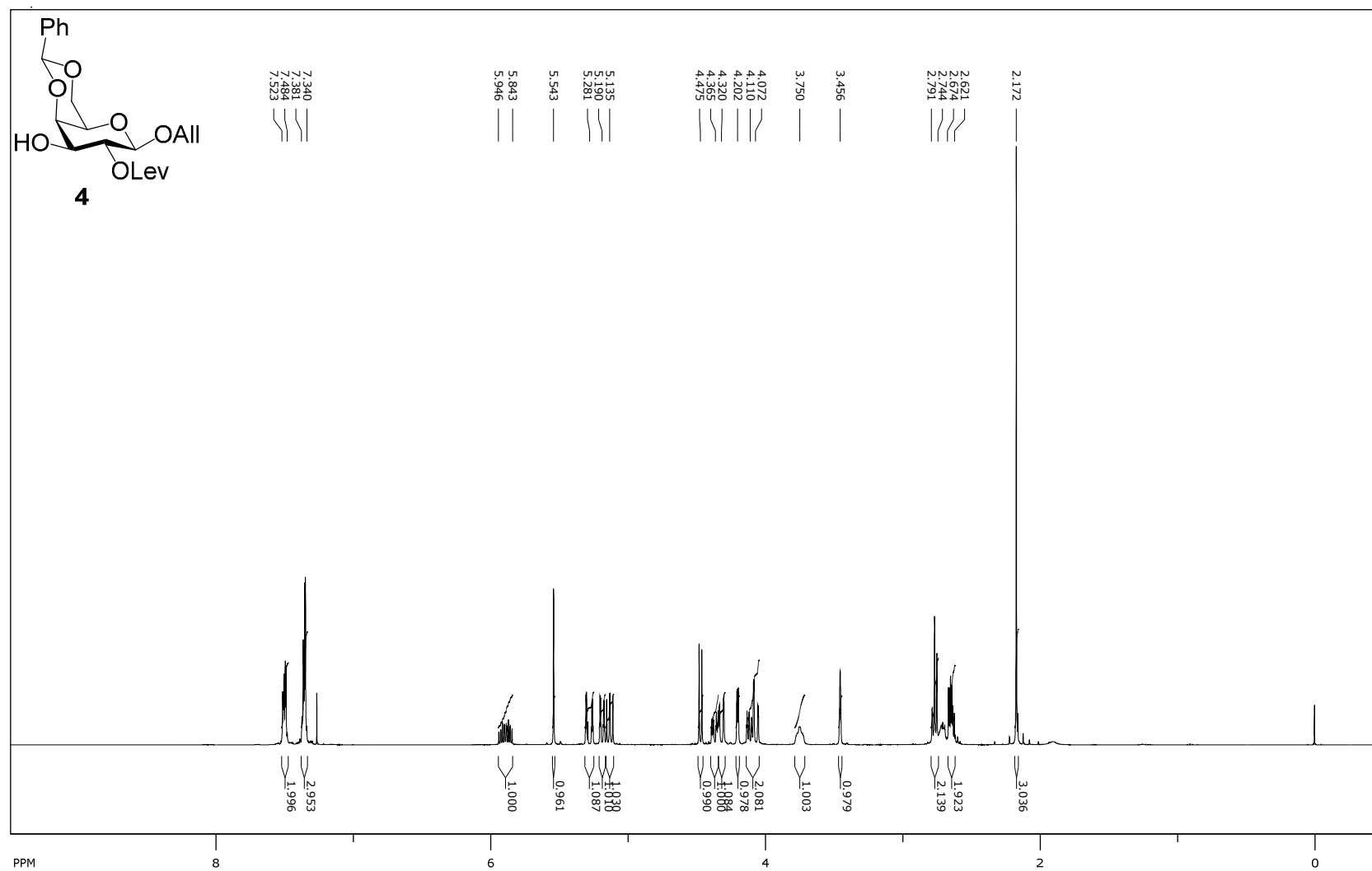
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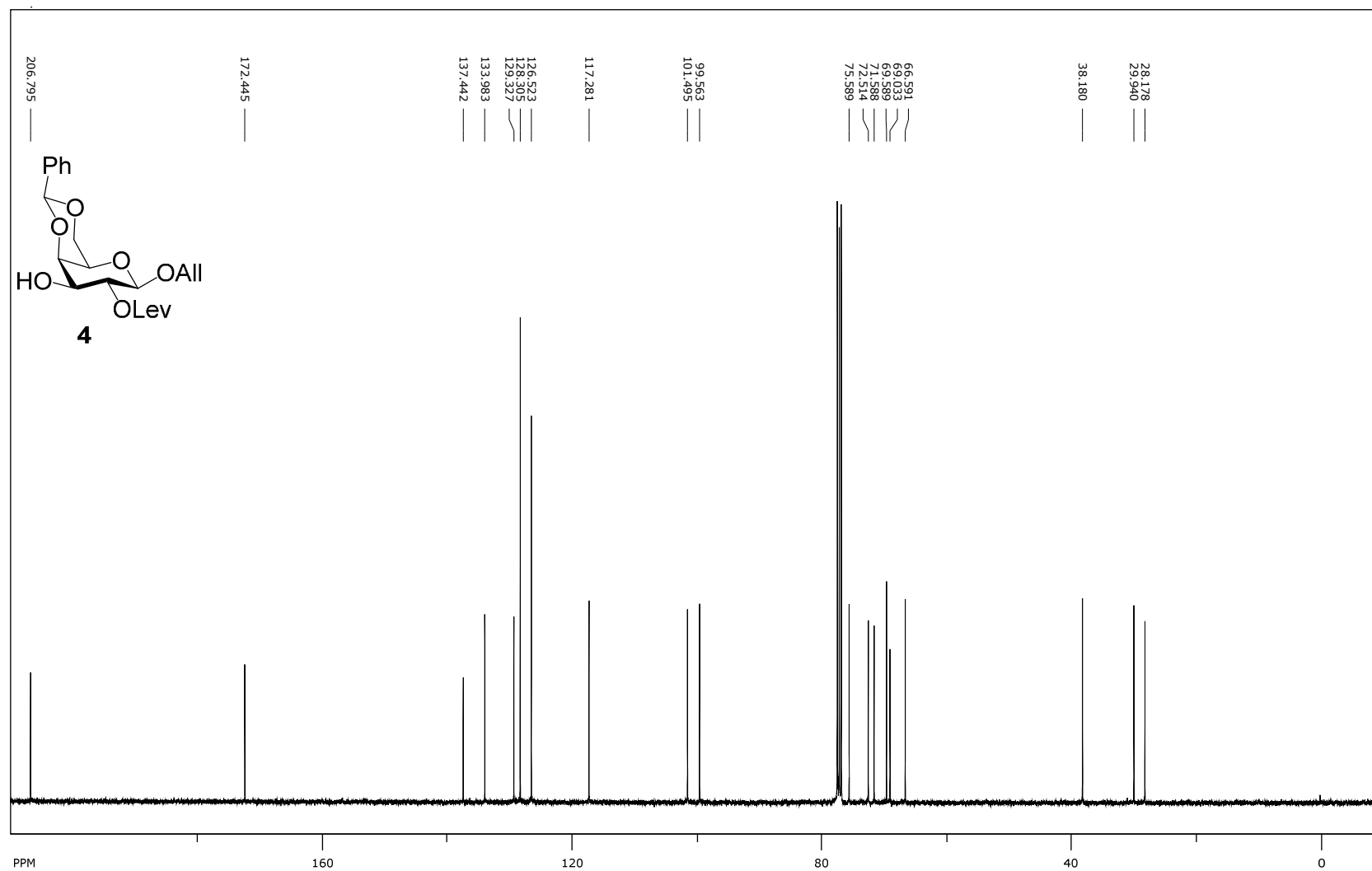
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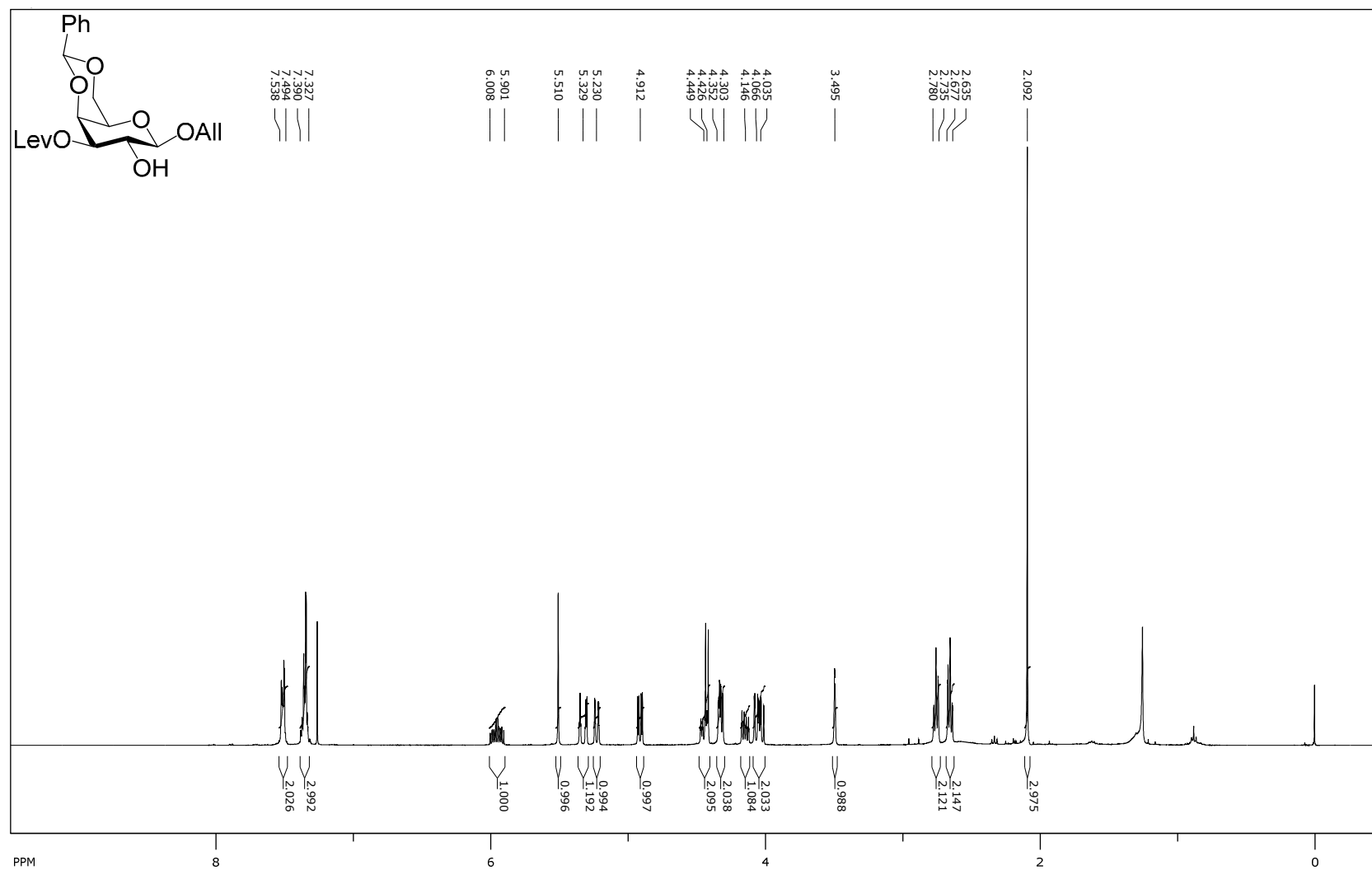
^1H NMR spectra (CDCl_3 , 400 MHz) of compound **4**



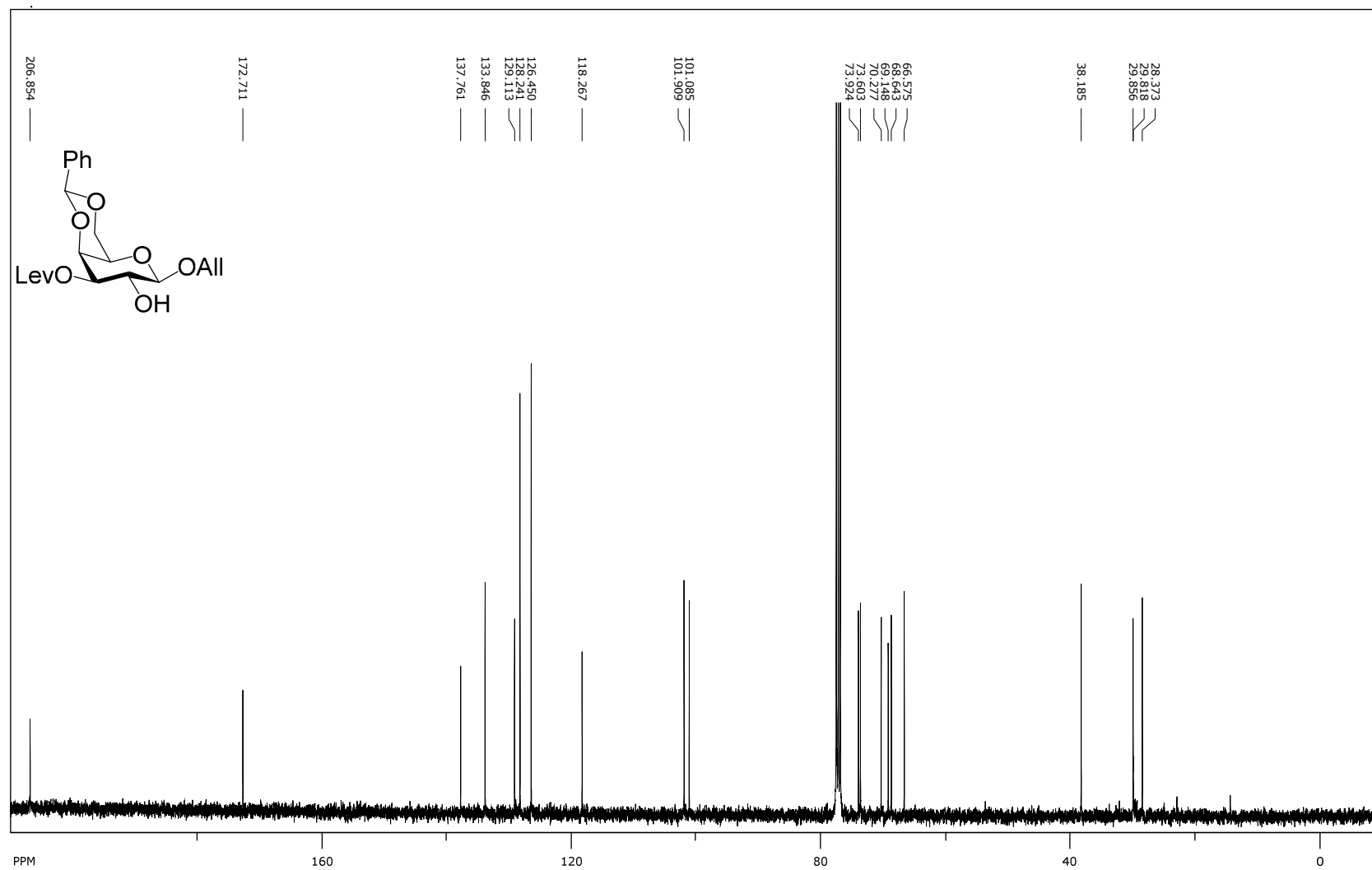
^{13}C NMR spectra (CDCl_3 , 100 MHz) of compound **4**



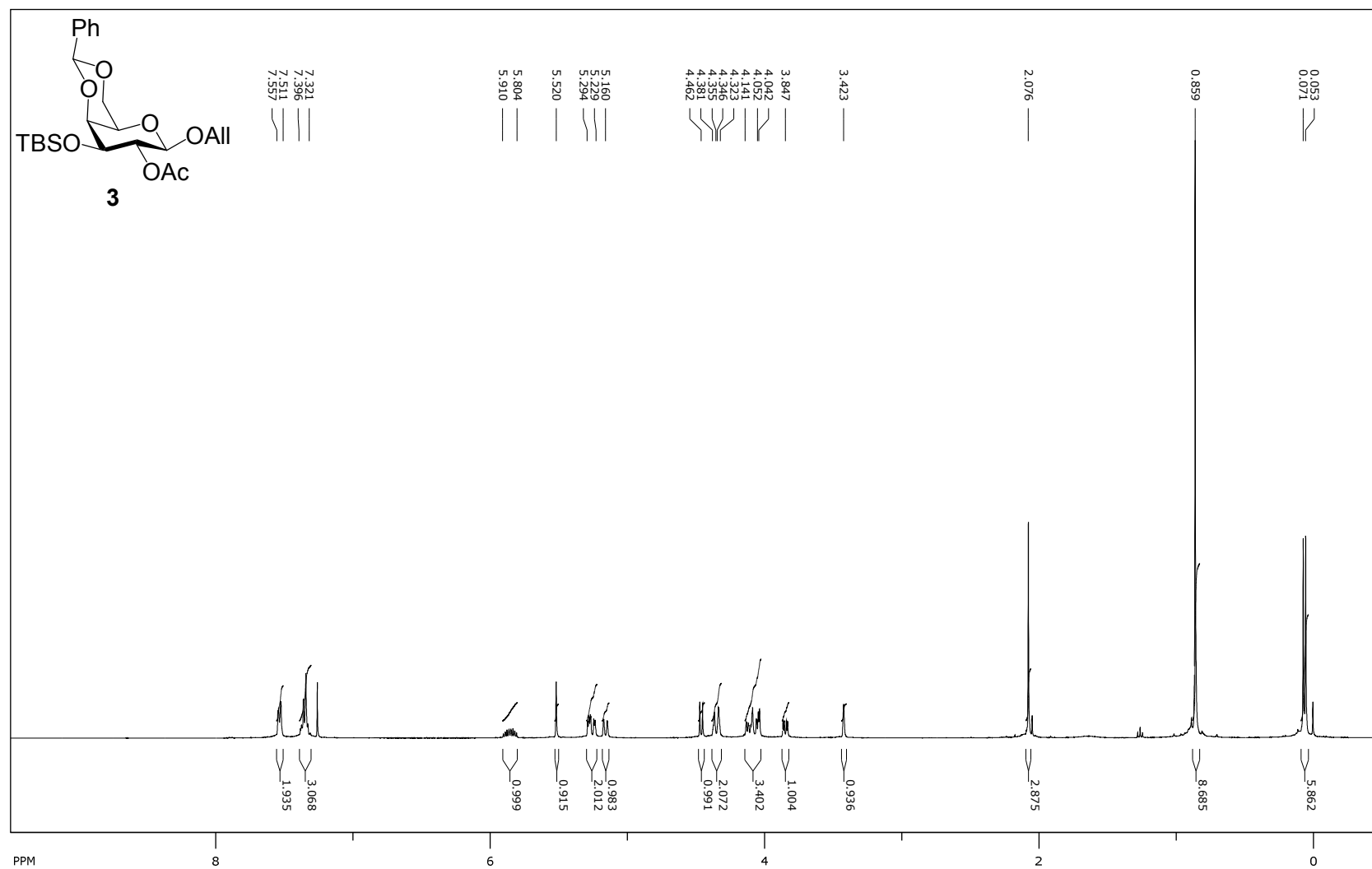
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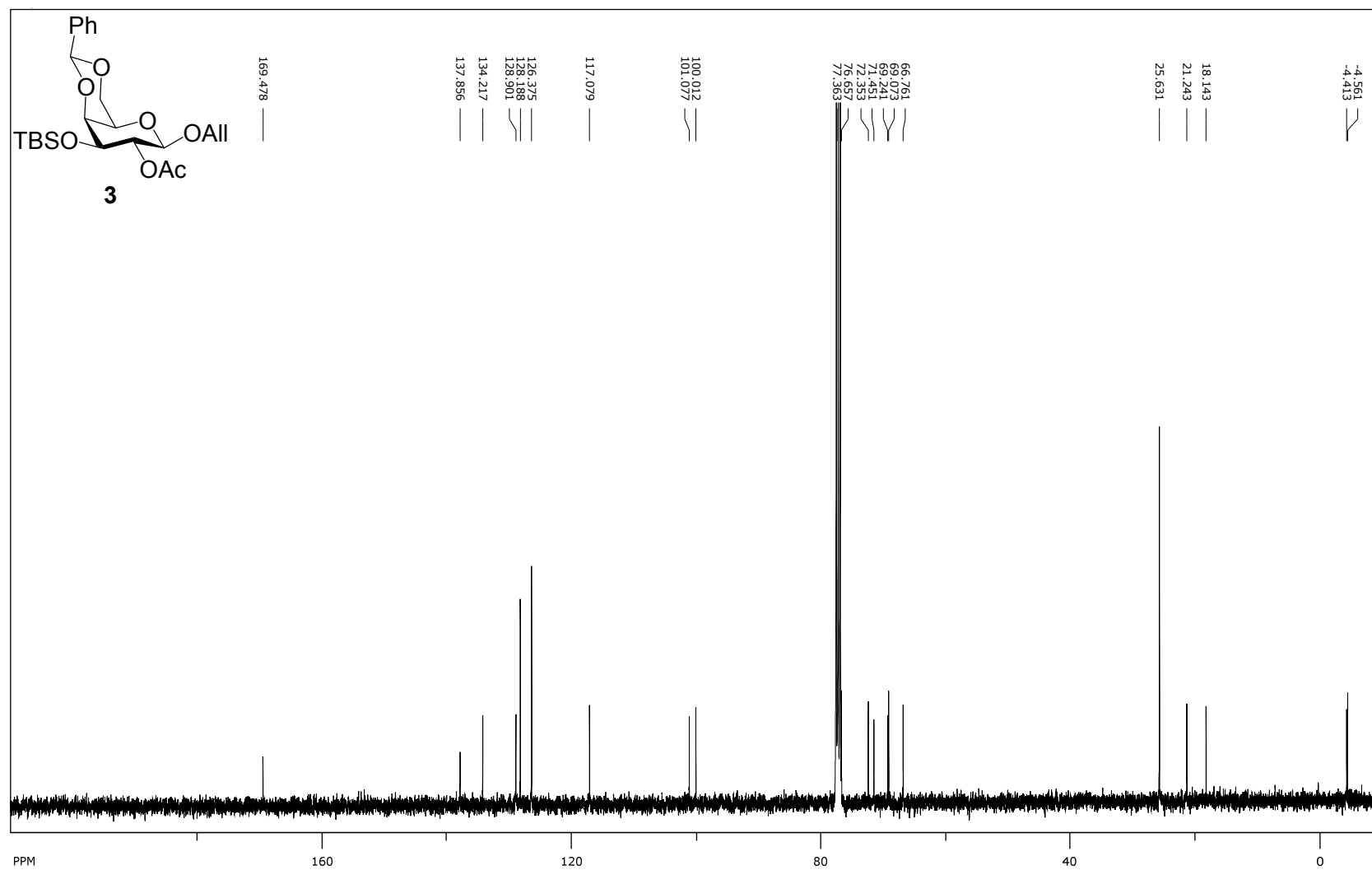
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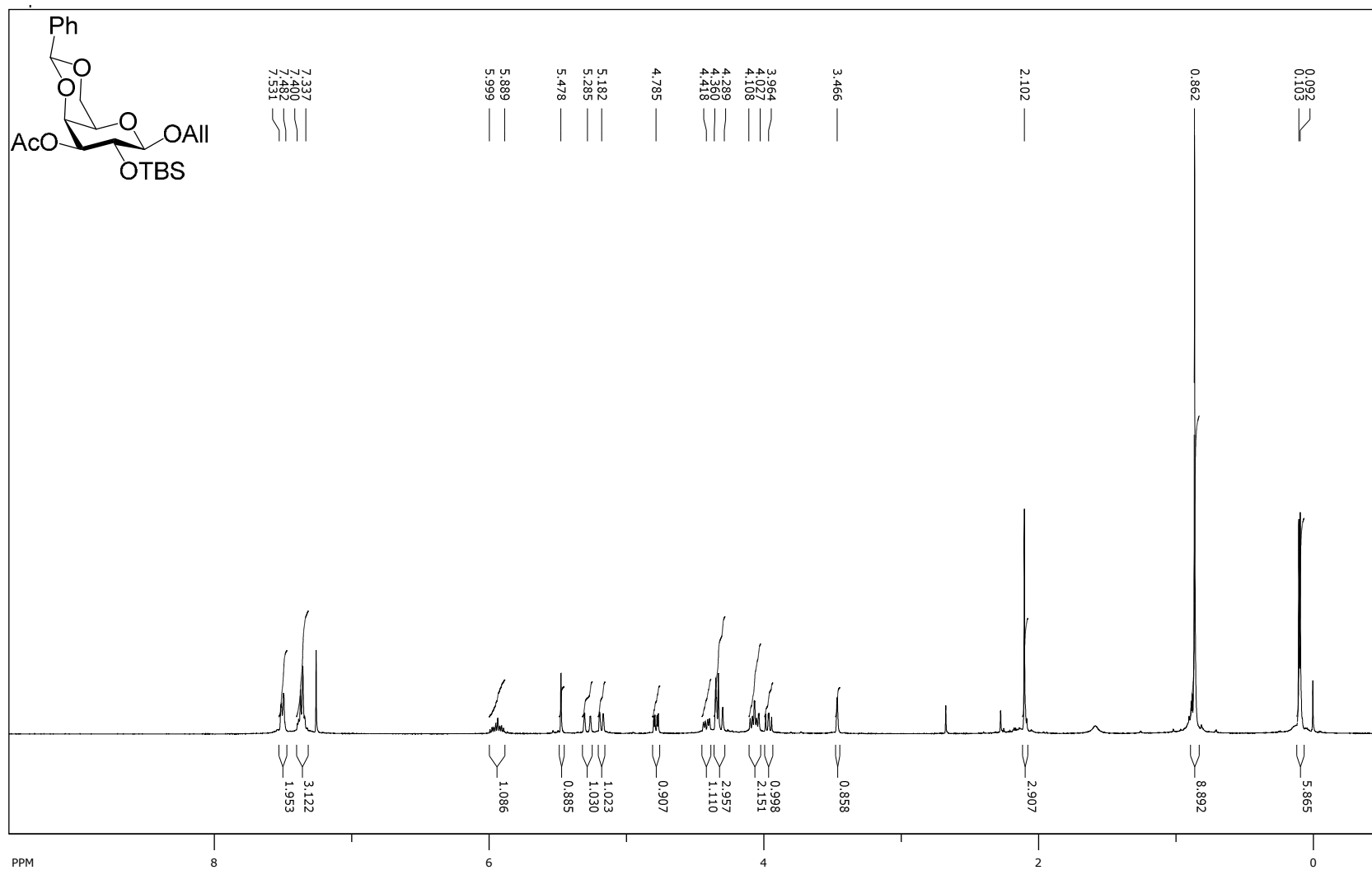
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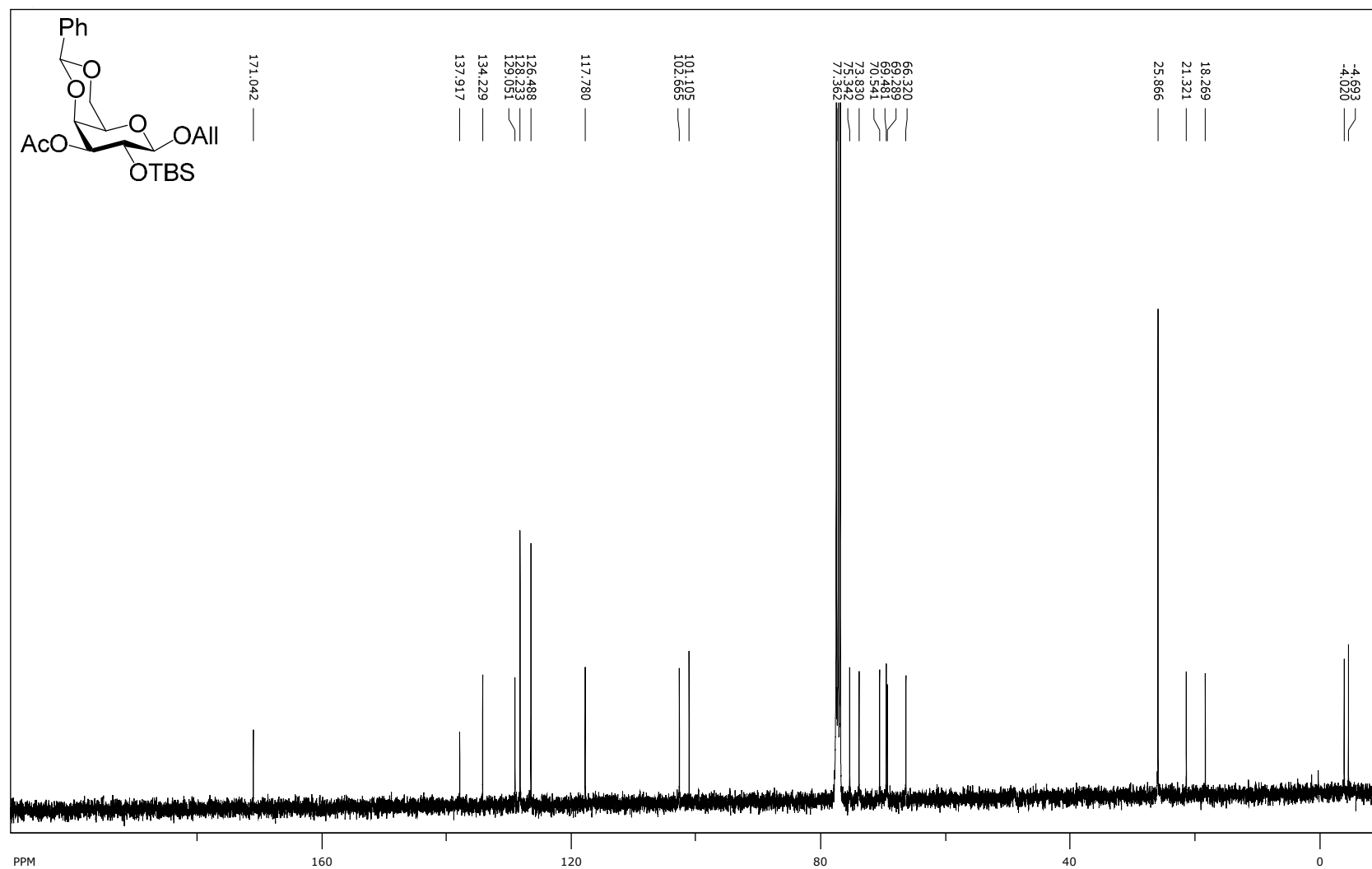
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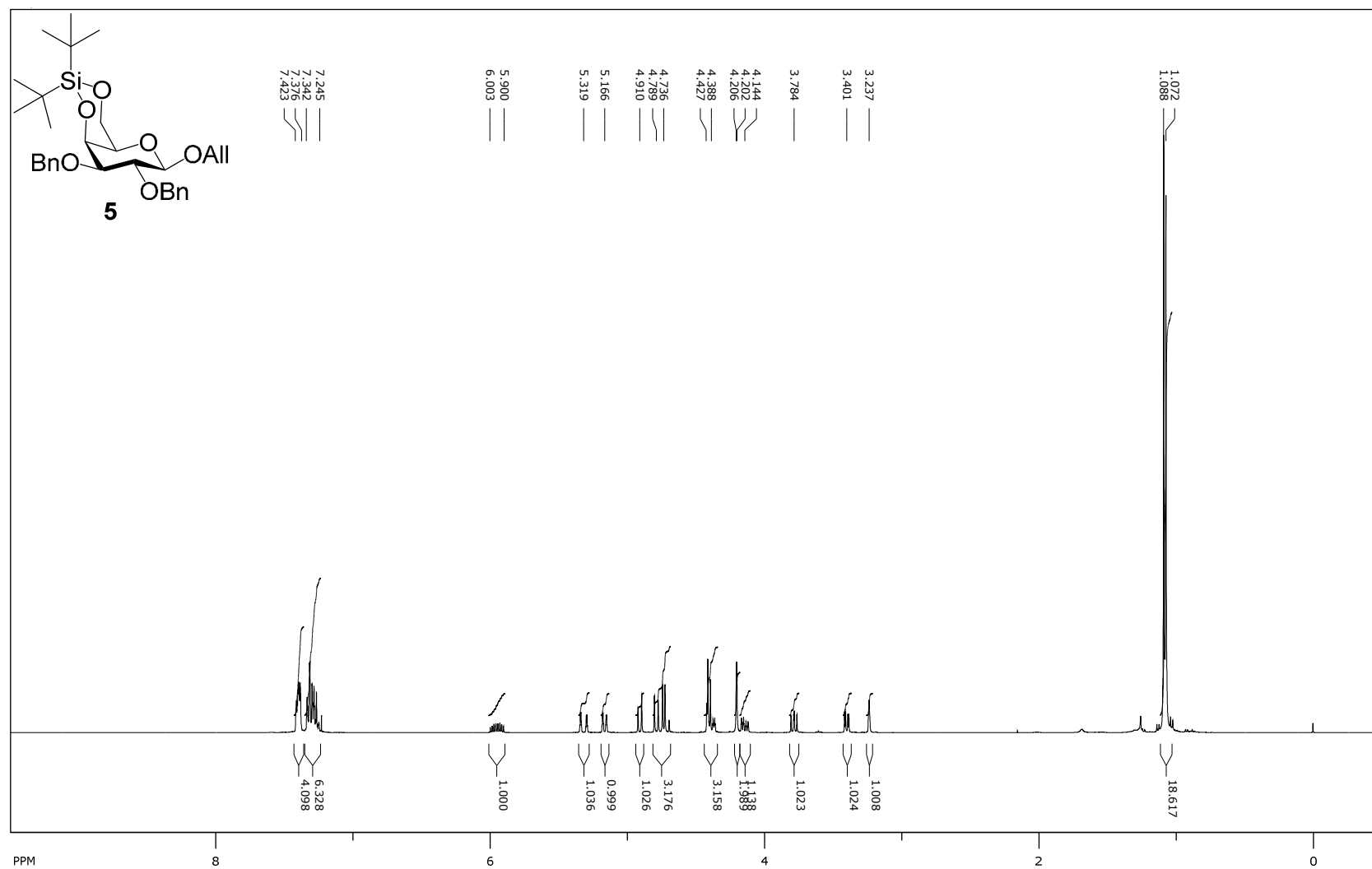
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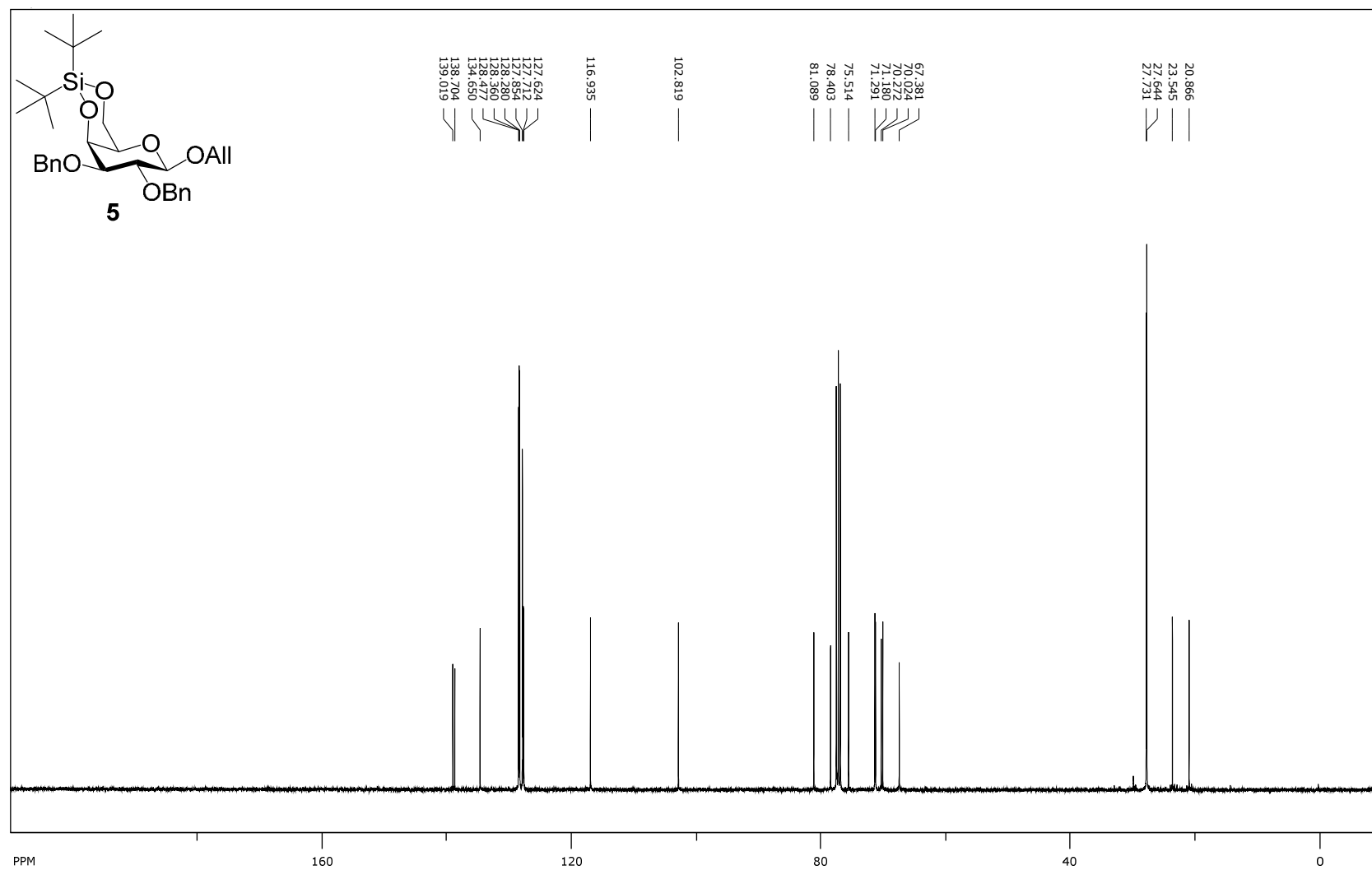
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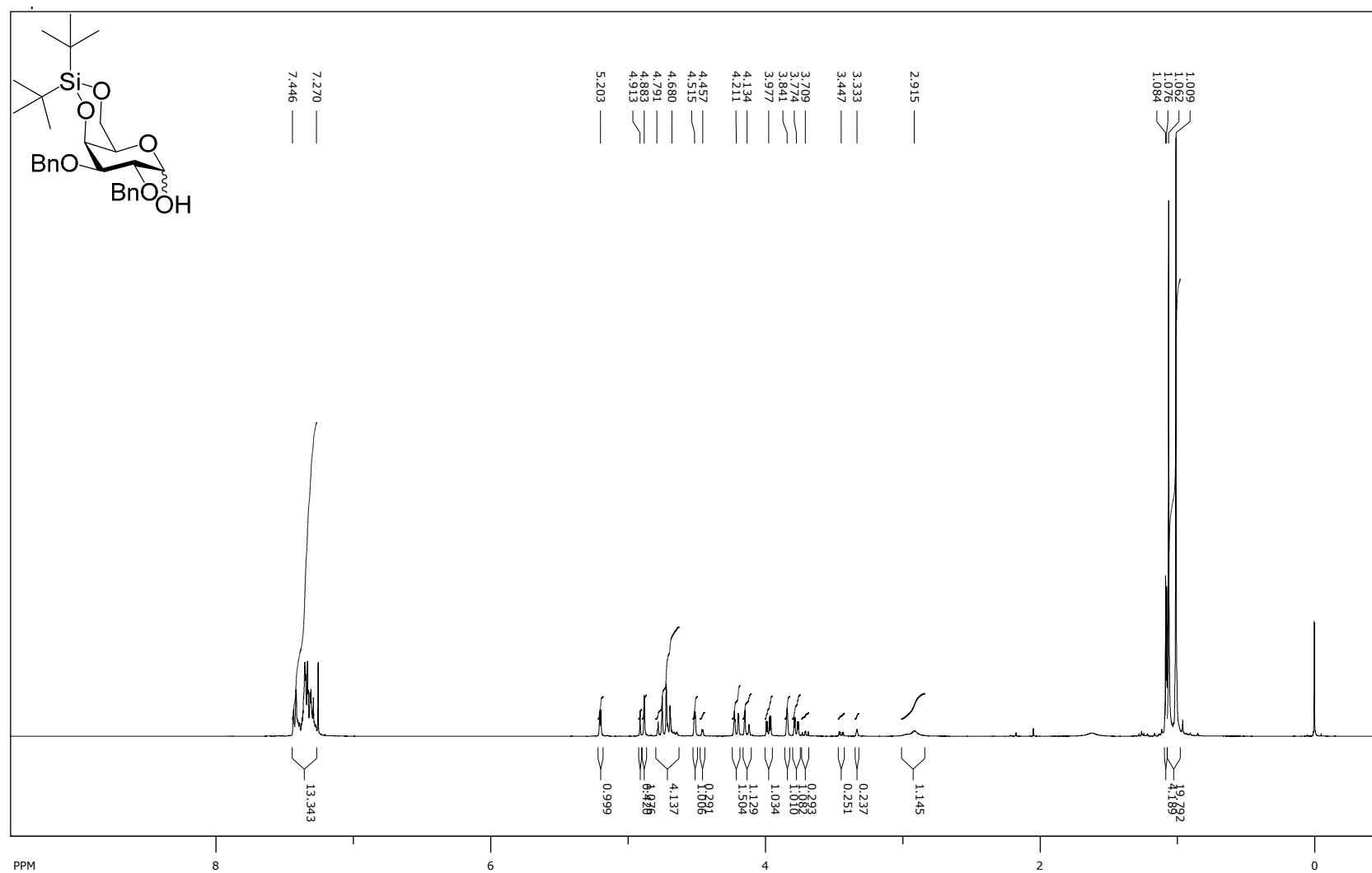
^1H NMR spectra (CDCl_3 , 400 MHz) of compound **5**



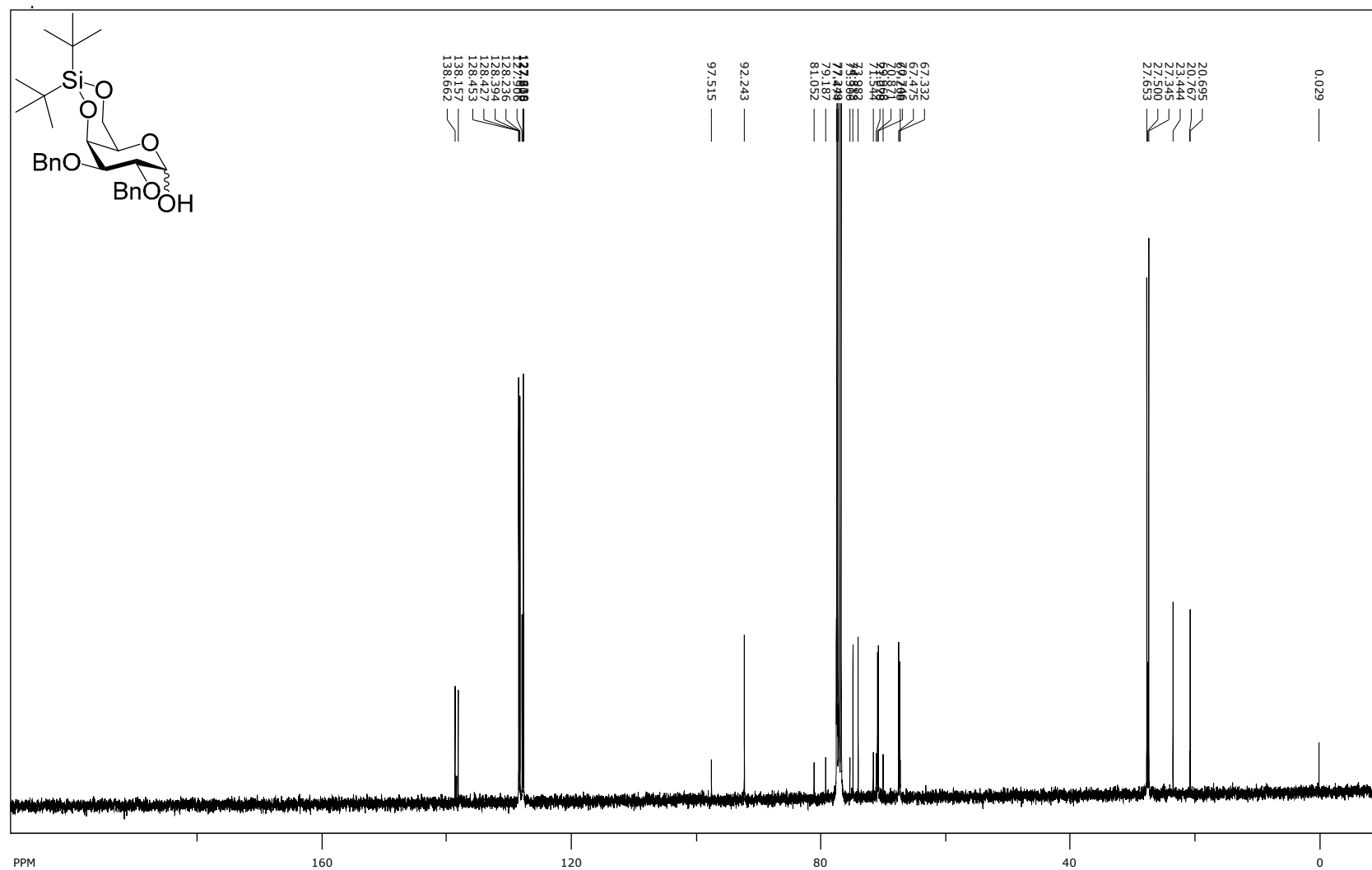
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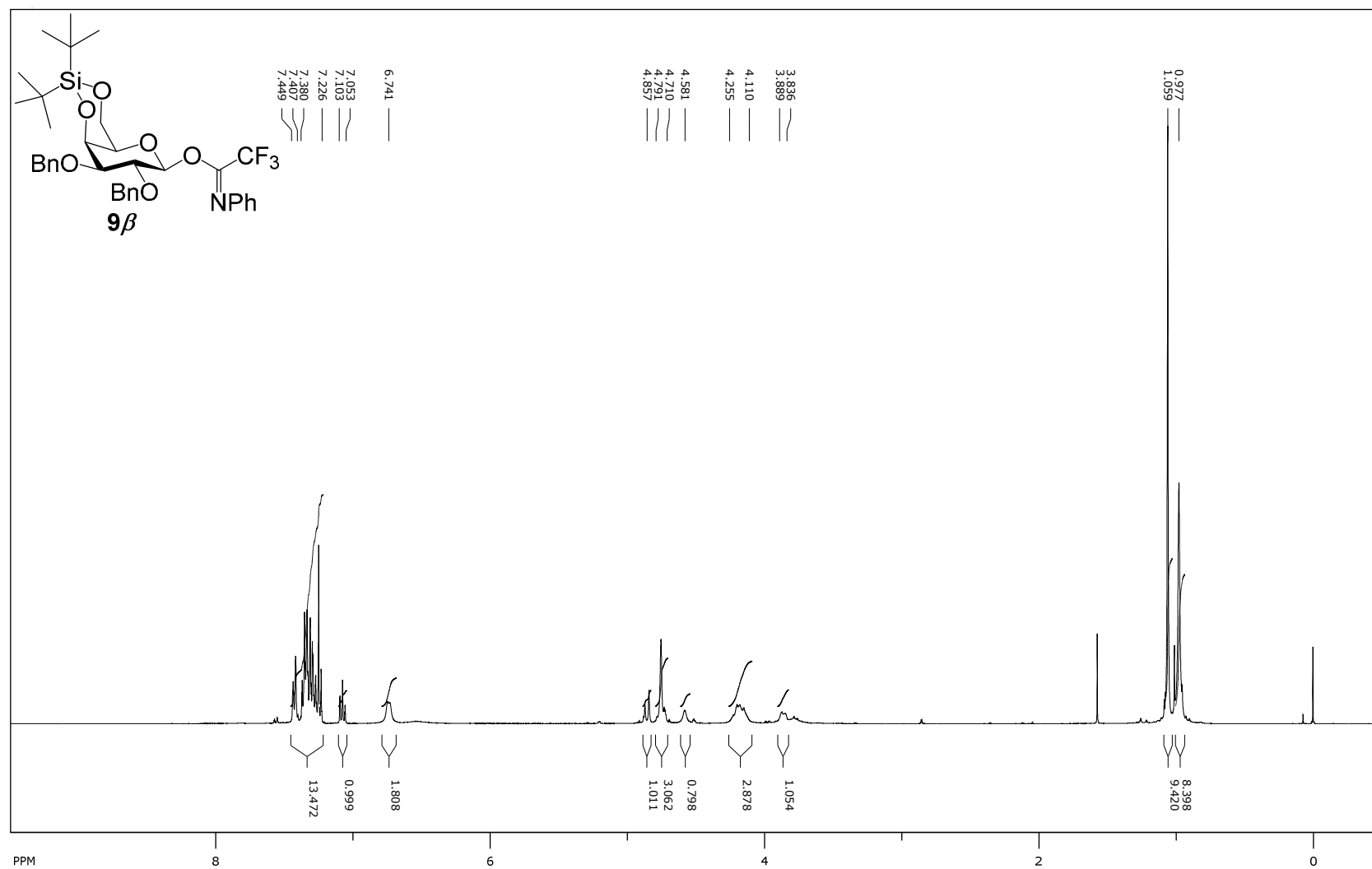
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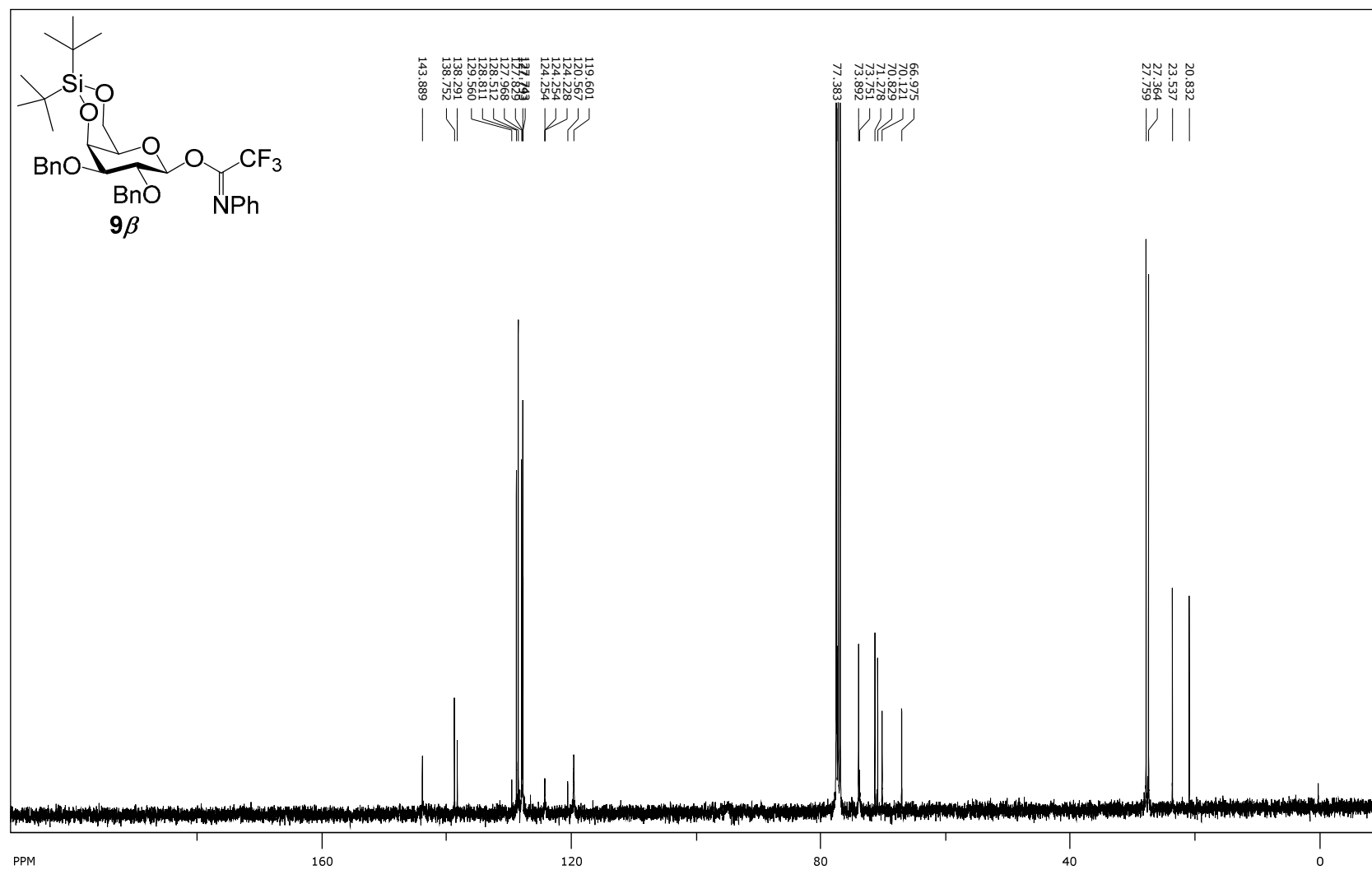
¹³C NMR spectra (CDCl₃, 100 MHz) of 2,3-di-*O*-benzyl-4,6-*O*-(di-*tert*-butylsilylidene)- α,β -D-galactopyranose



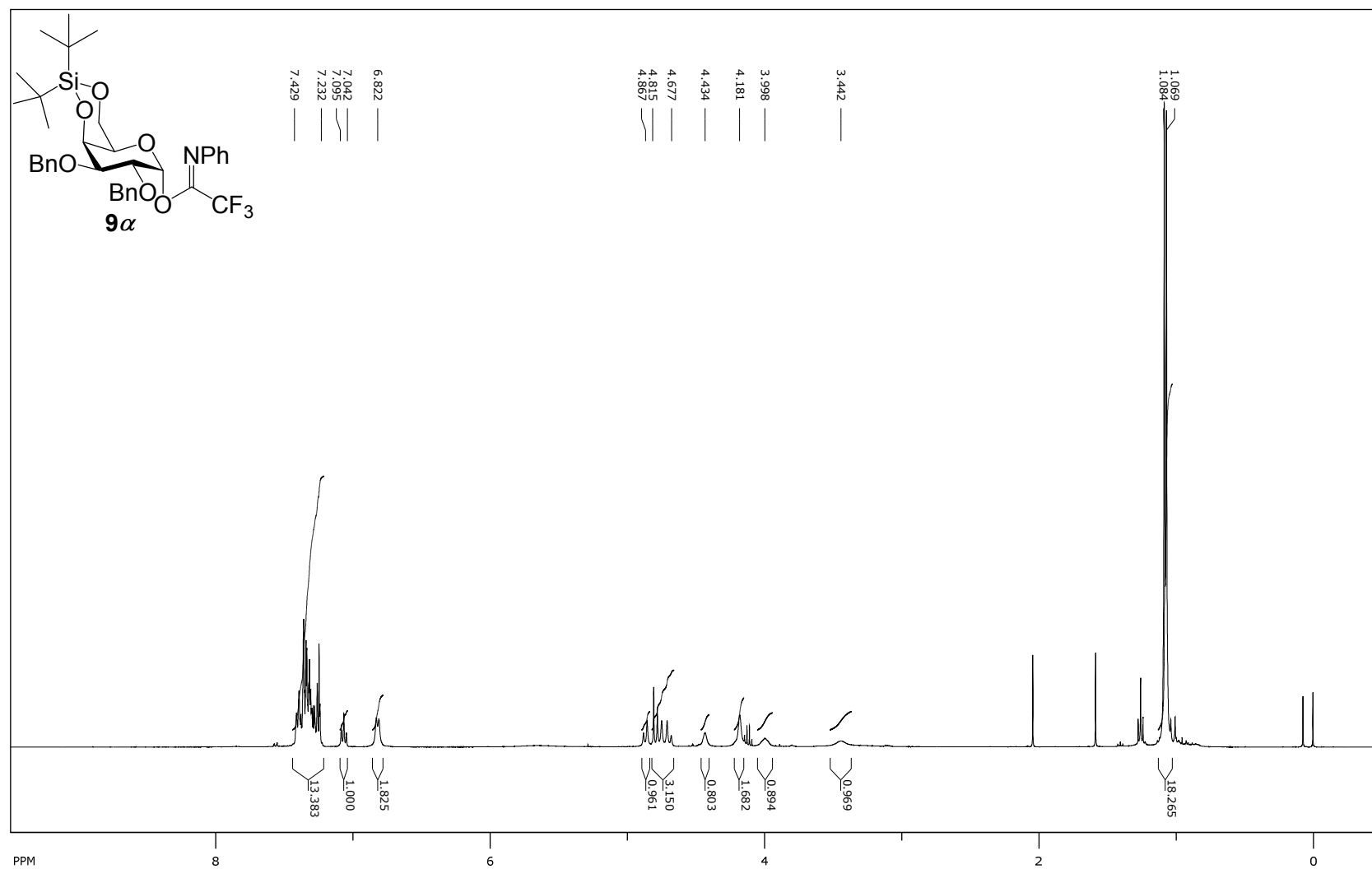
^1H NMR spectra (CDCl_3 , 400 MHz) of compound **9 β**



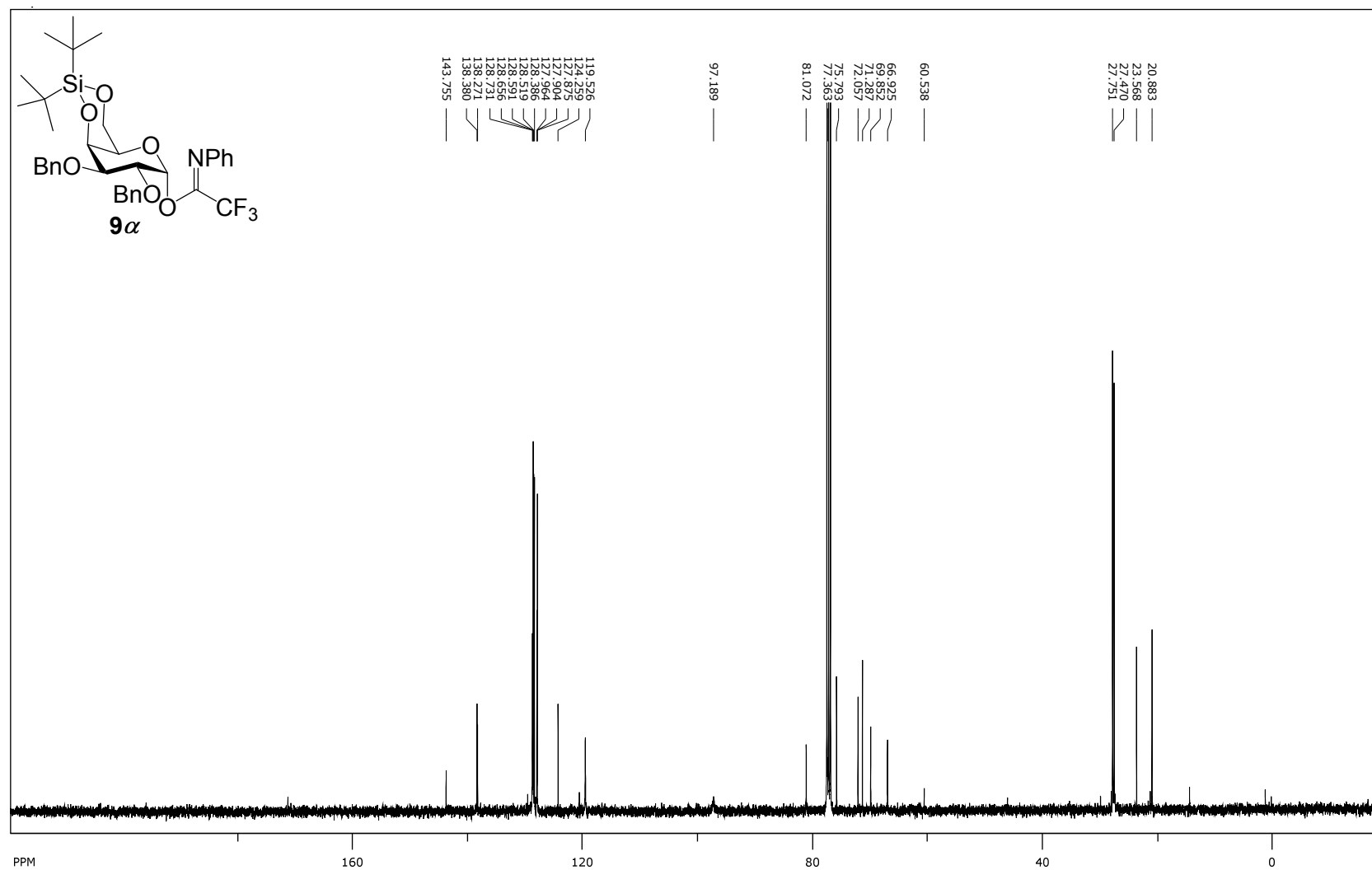
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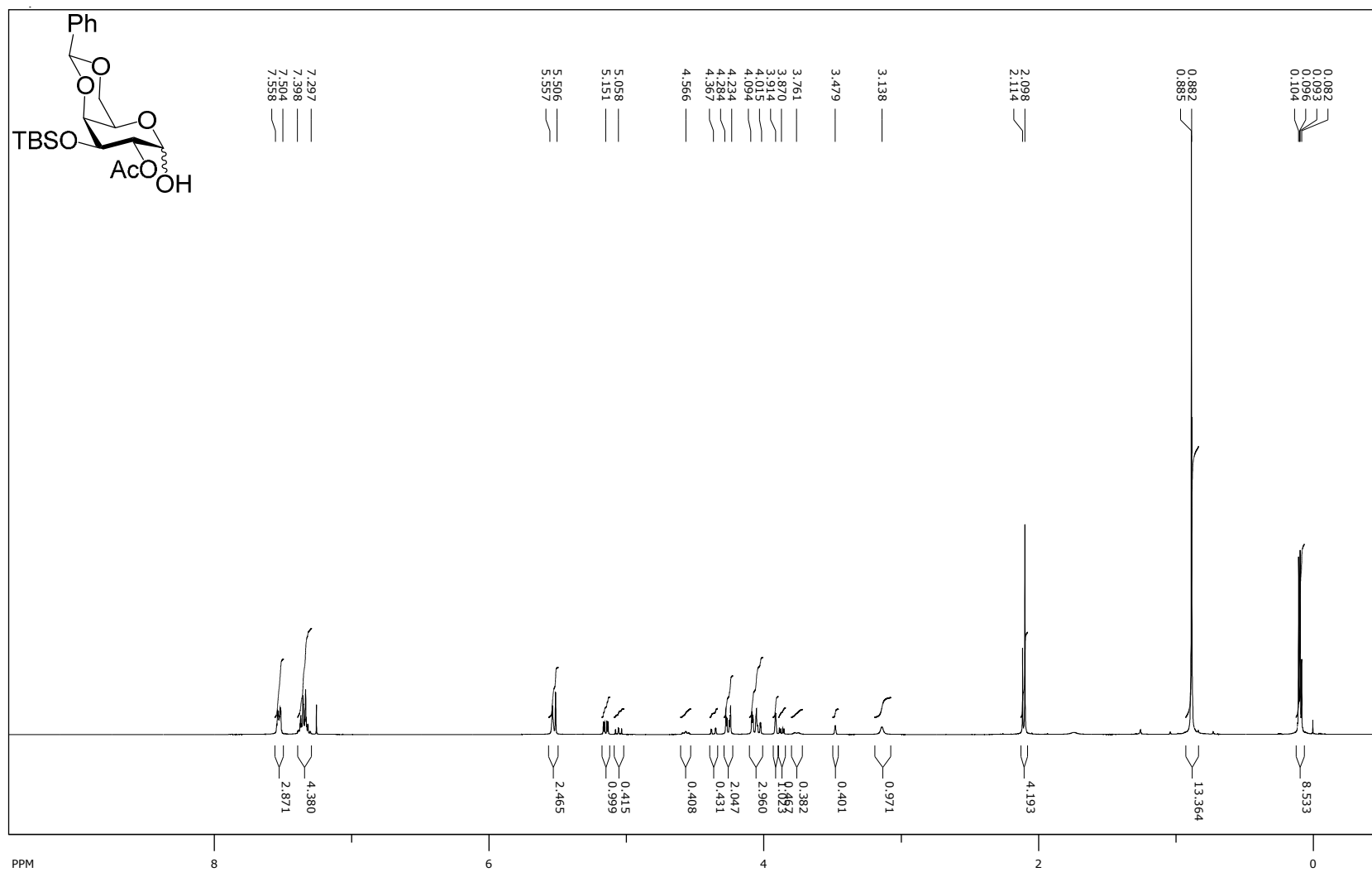
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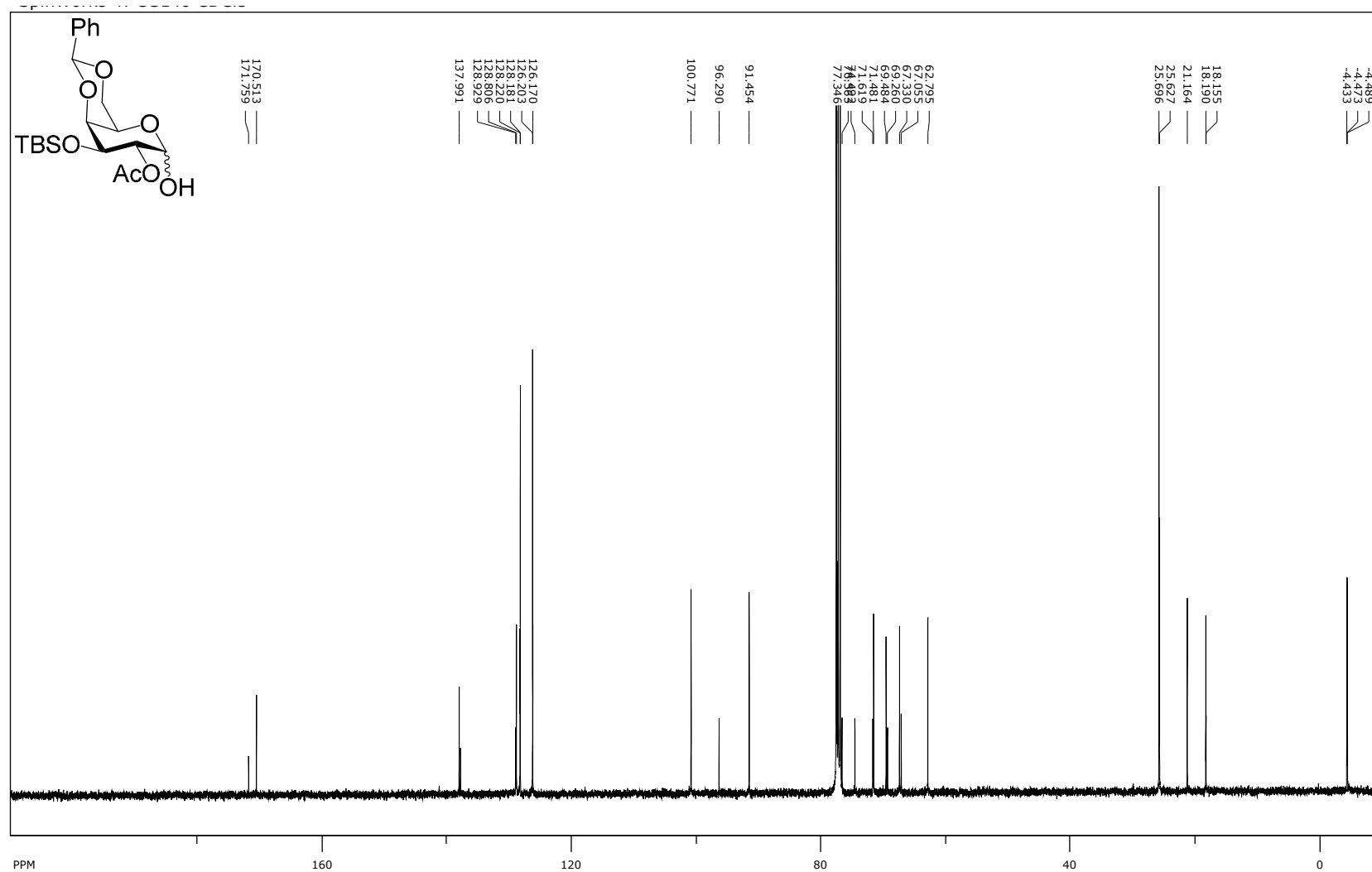
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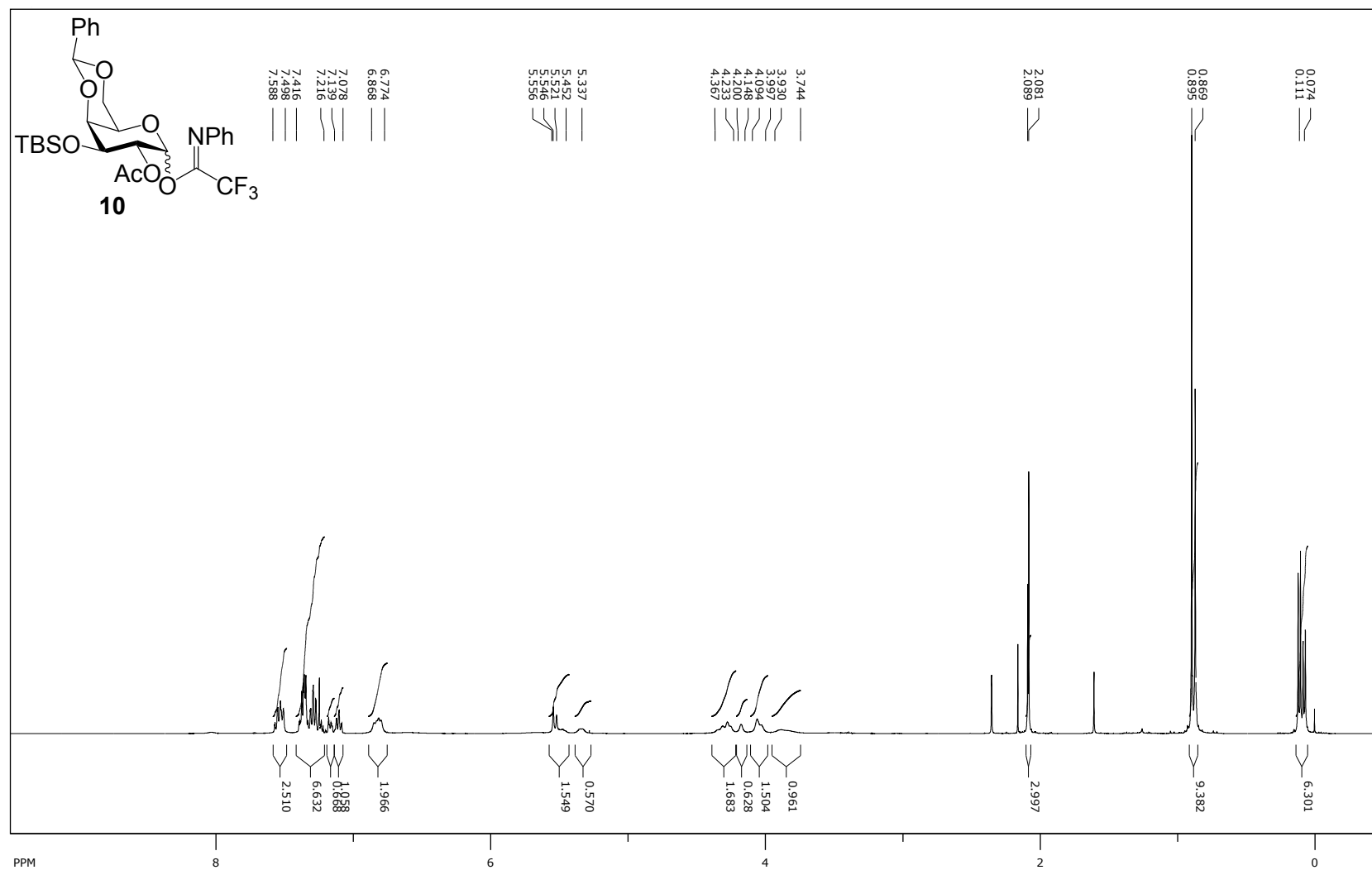
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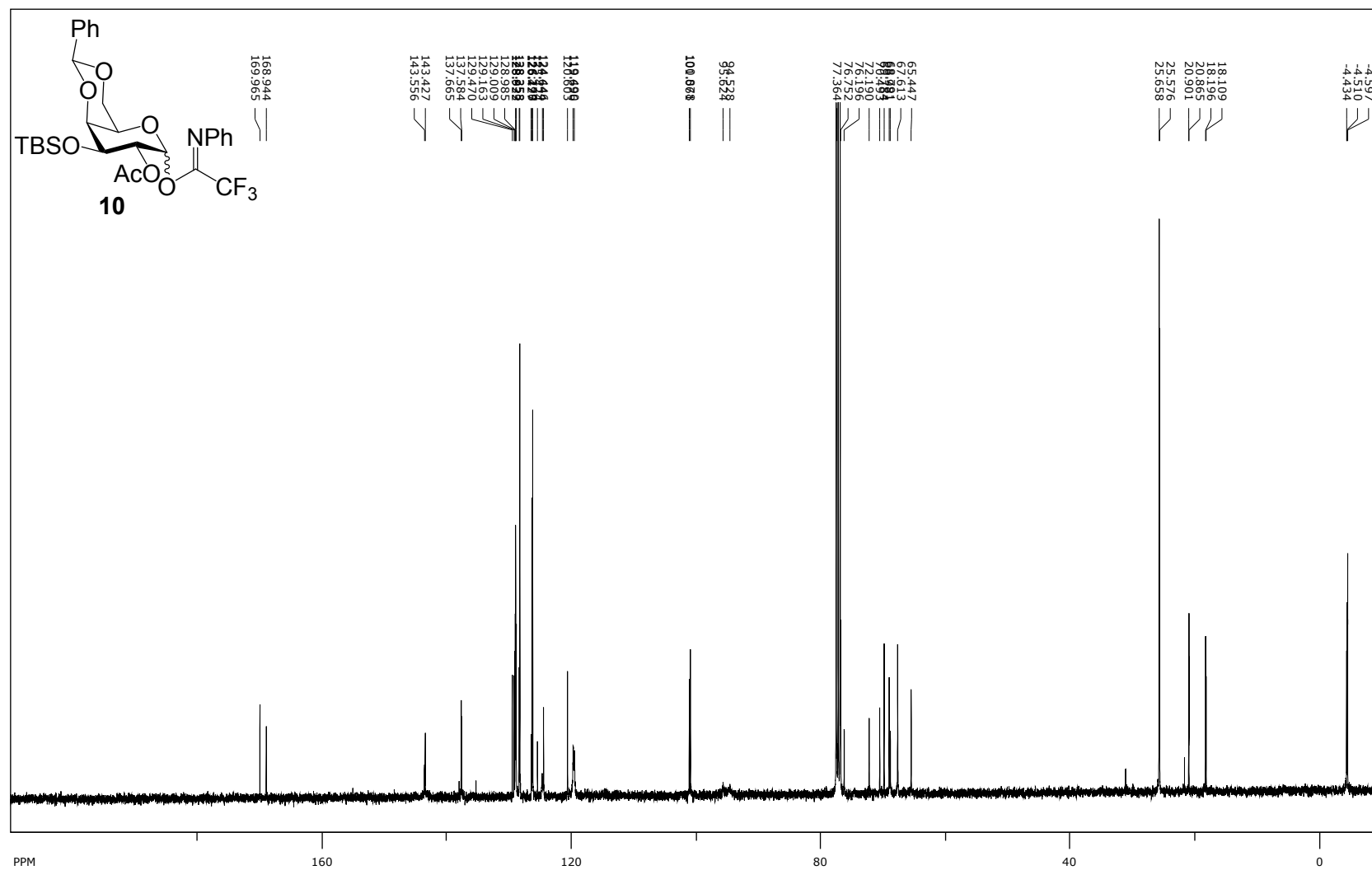
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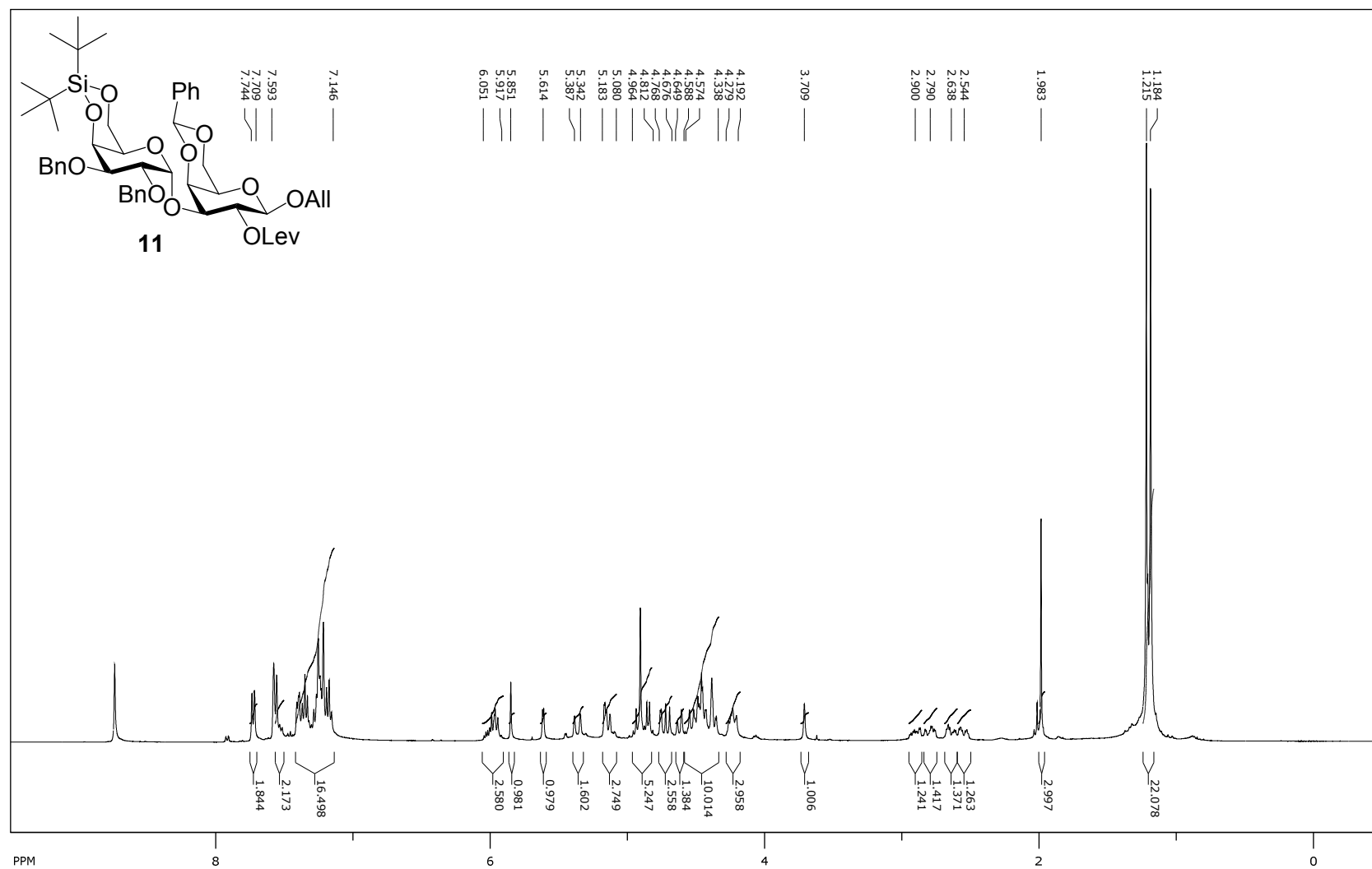
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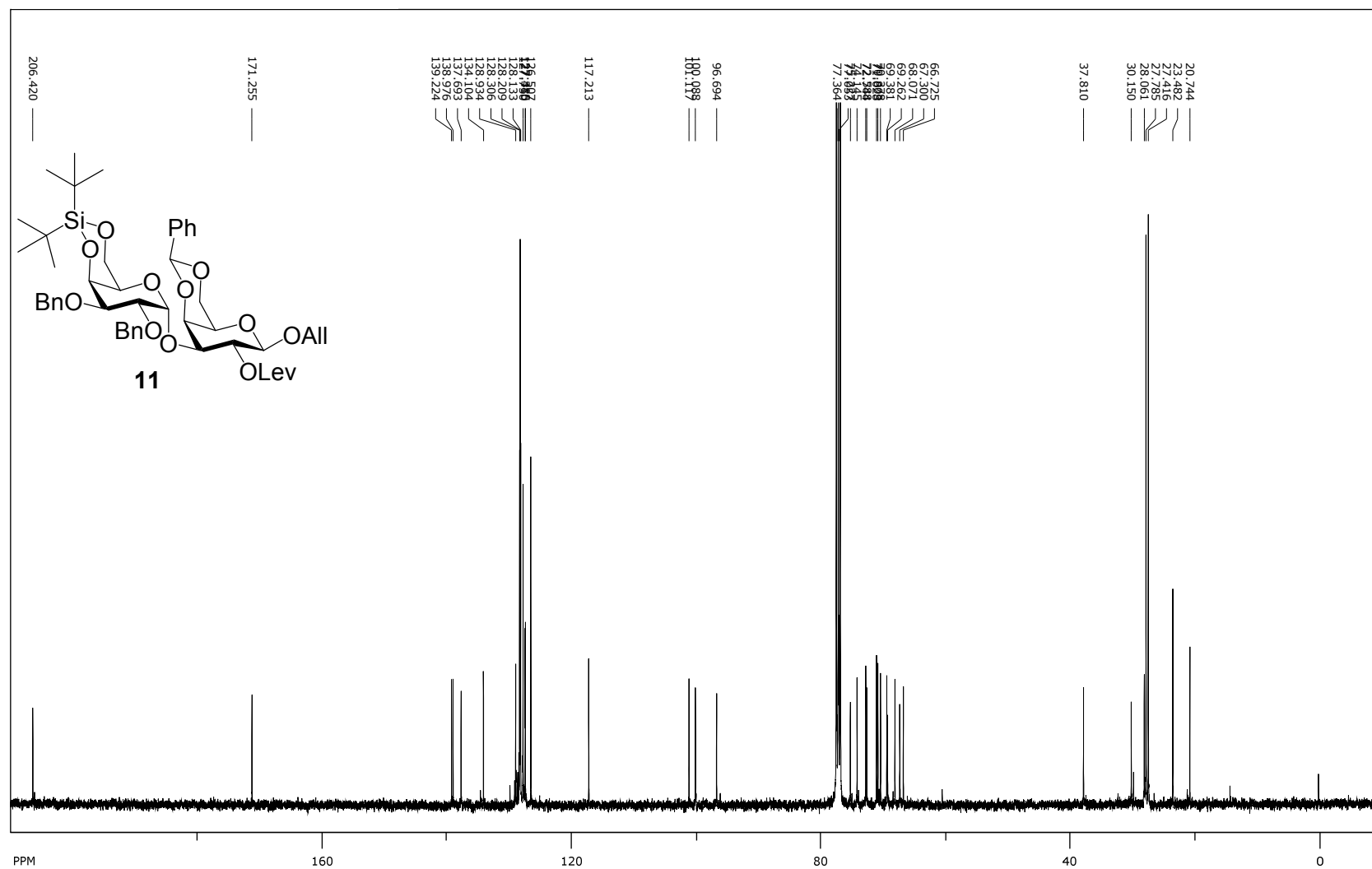
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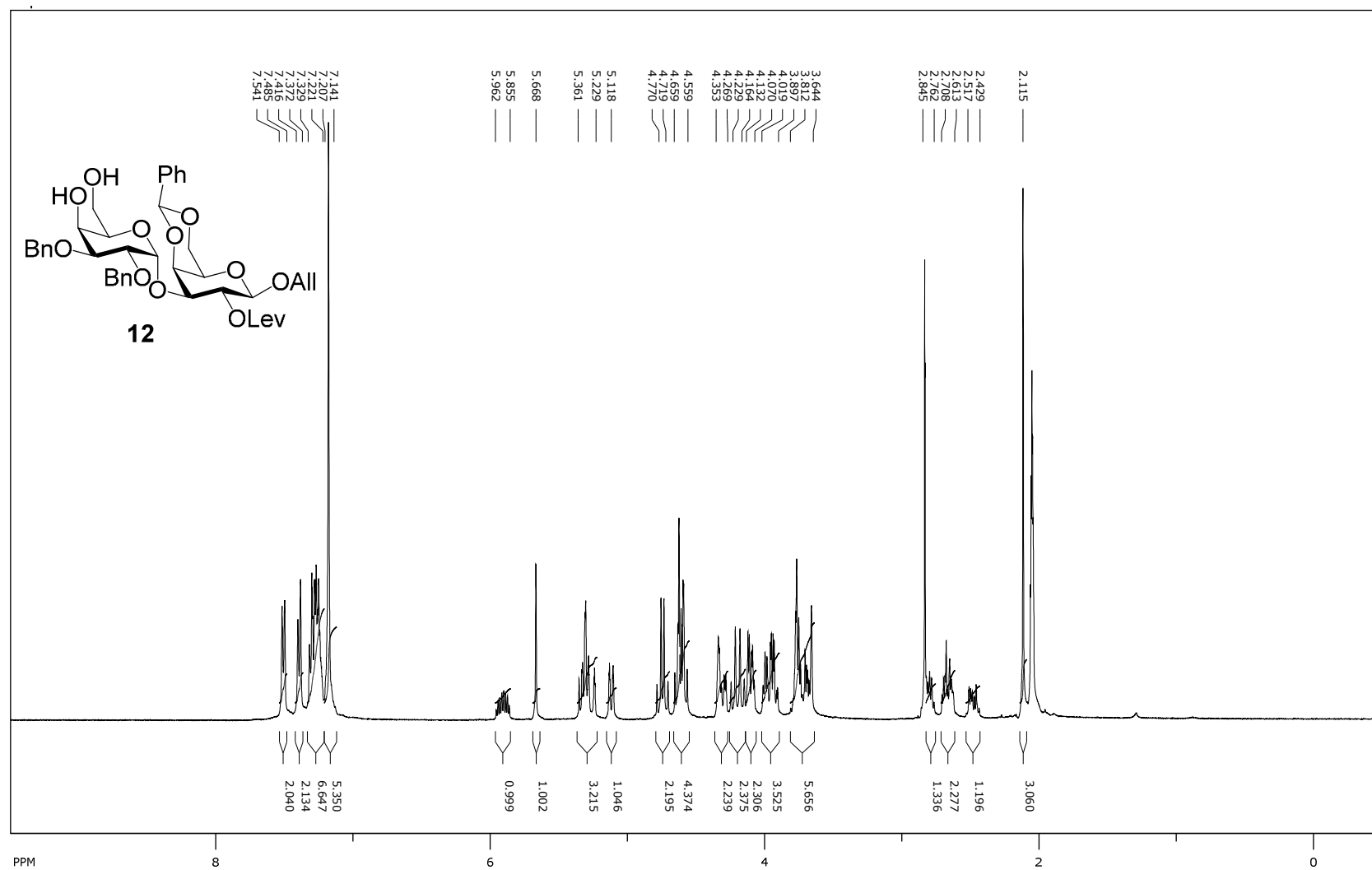
^1H NMR spectra (py- d_5 , 400 MHz) of compound **11**



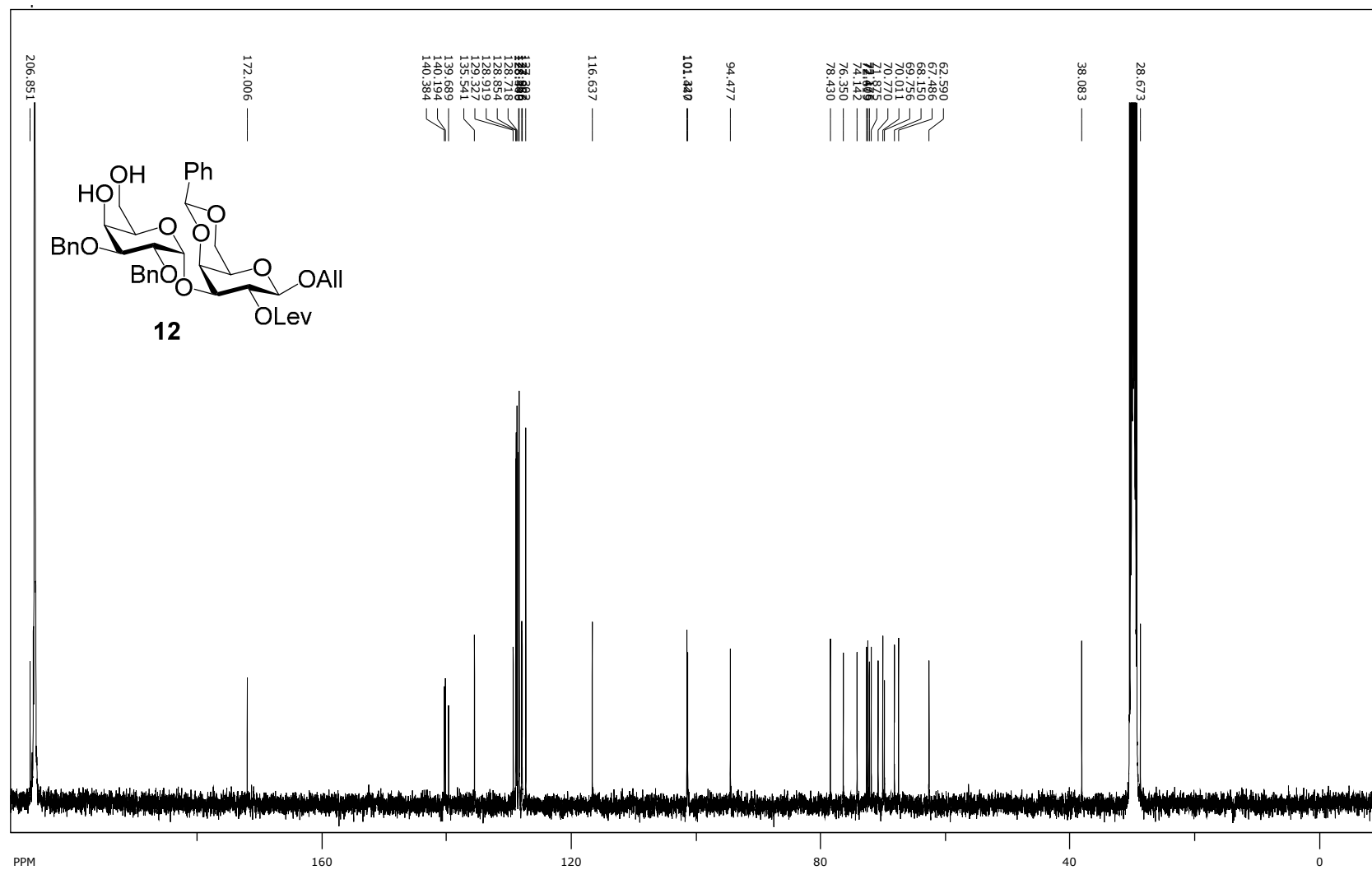
¹³C NMR spectra (CDCl₃, 100 MHz) of compound **11**



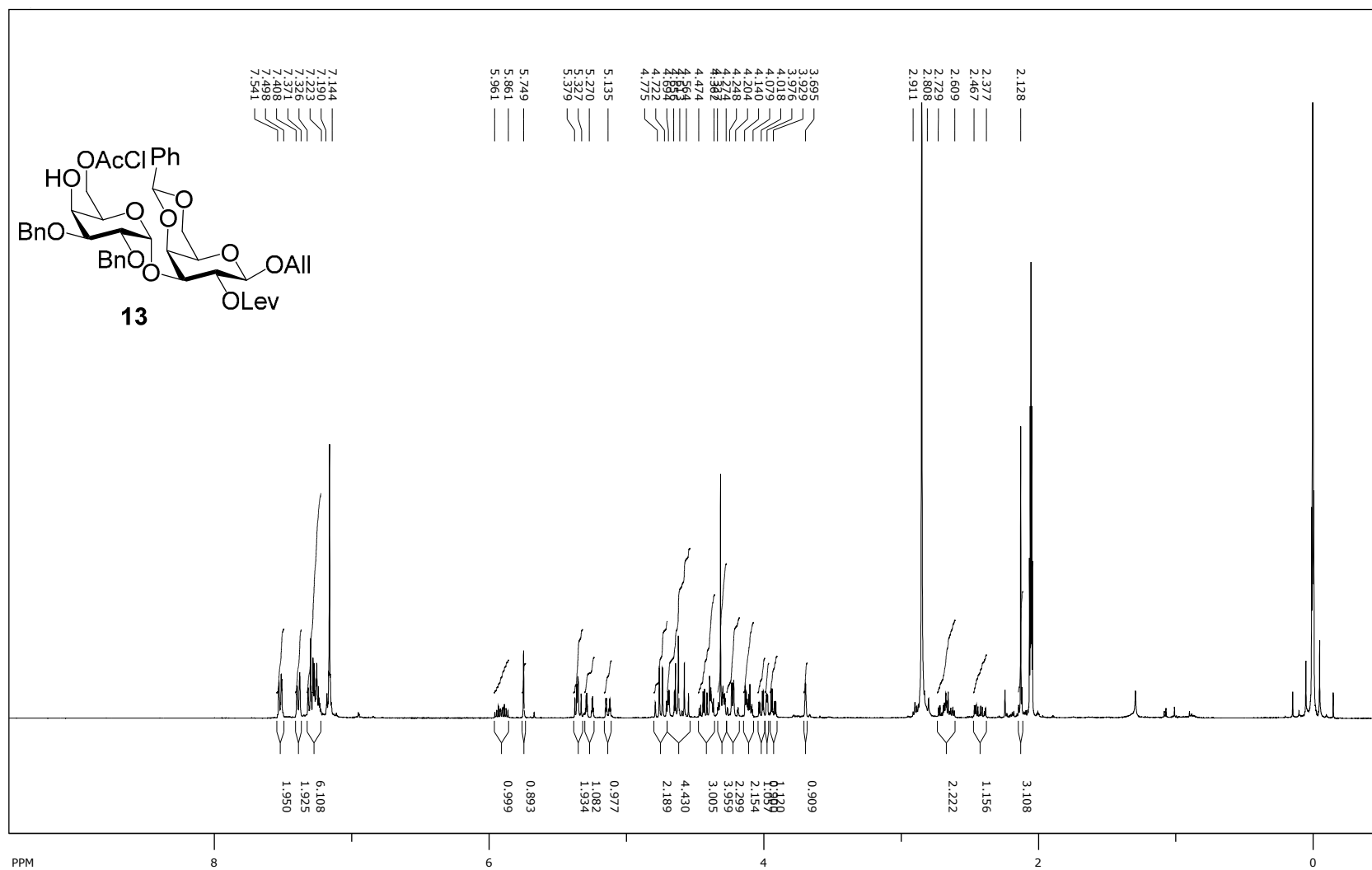
^1H NMR spectra (acetone- d_6 , 400 MHz) of compound **12**



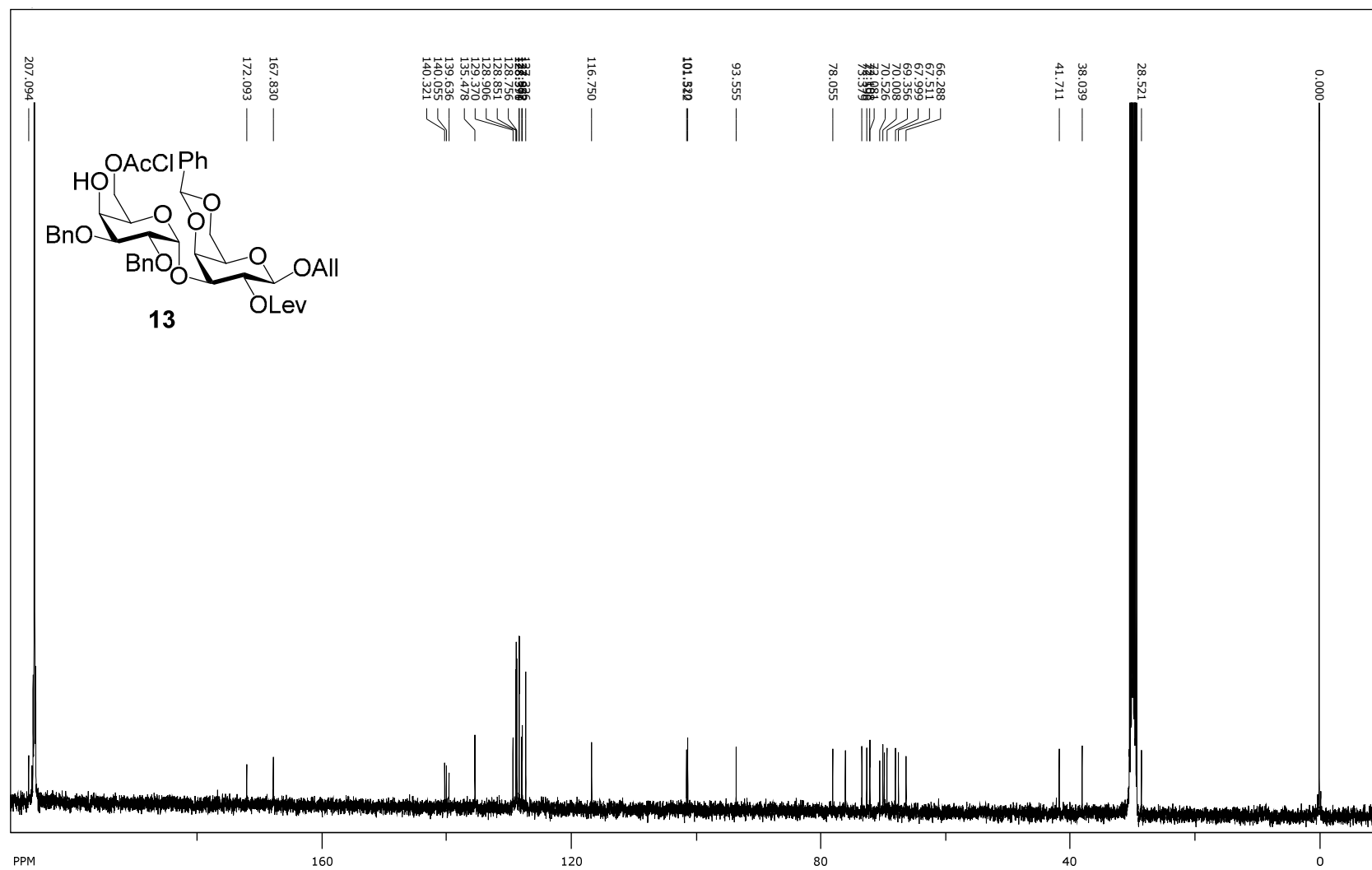
^{13}C NMR spectra (acetone- d_6 , 100 MHz) of compound **12**



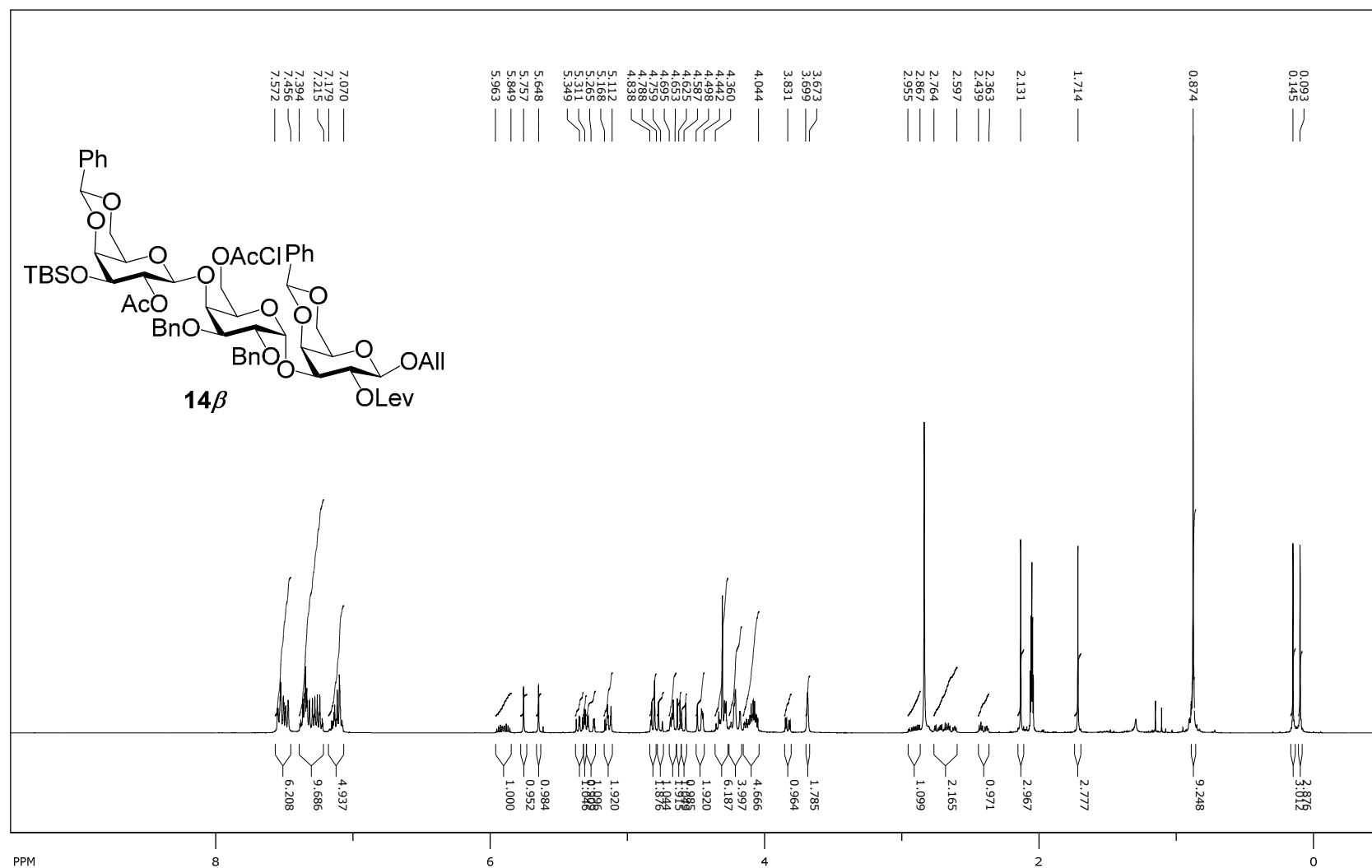
^1H NMR spectra (acetone- d_6 , 400 MHz) of crude compound **13**



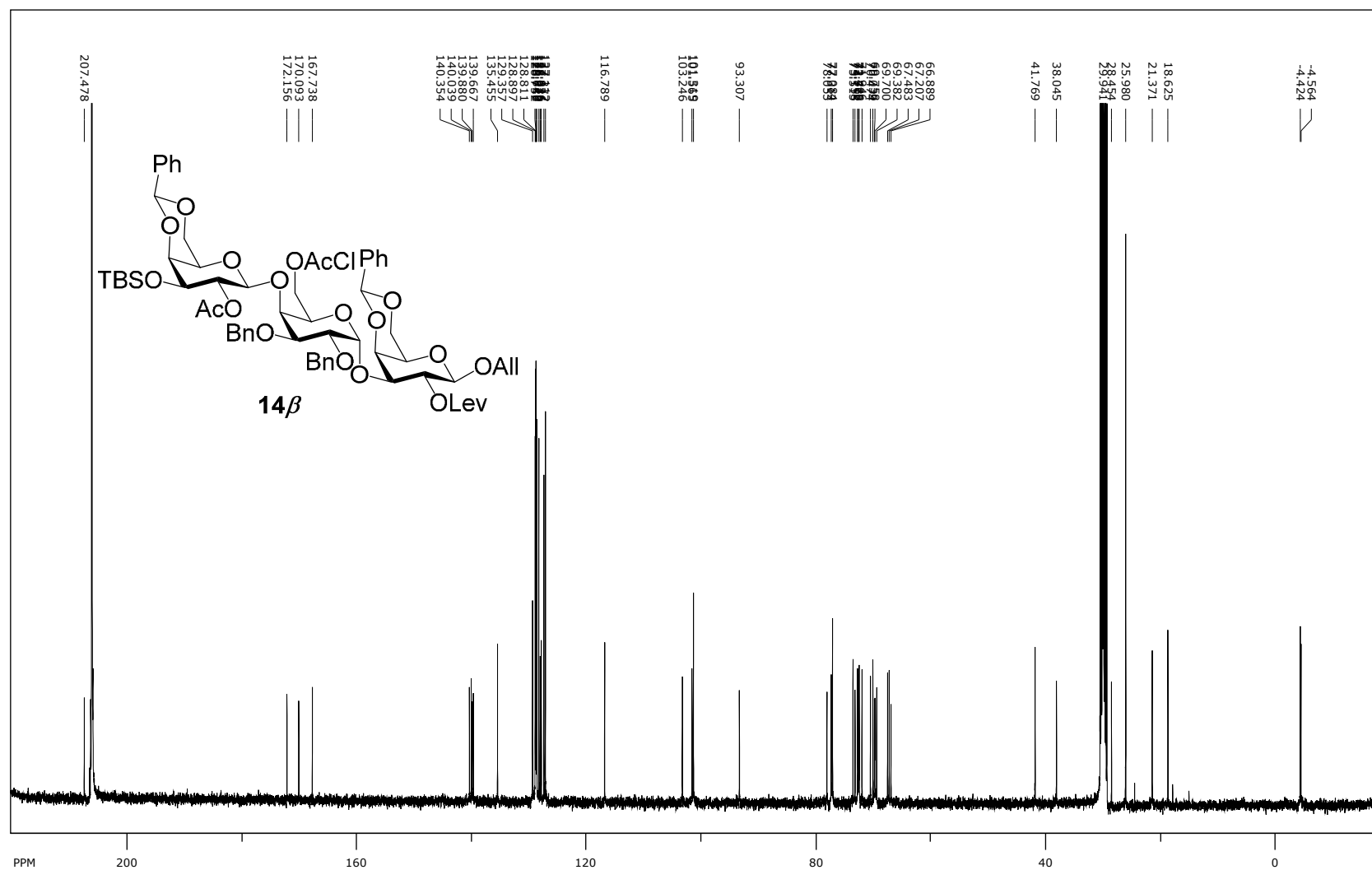
^{13}C NMR spectra (acetone- d_6 , 100 MHz) of crude compound **13**



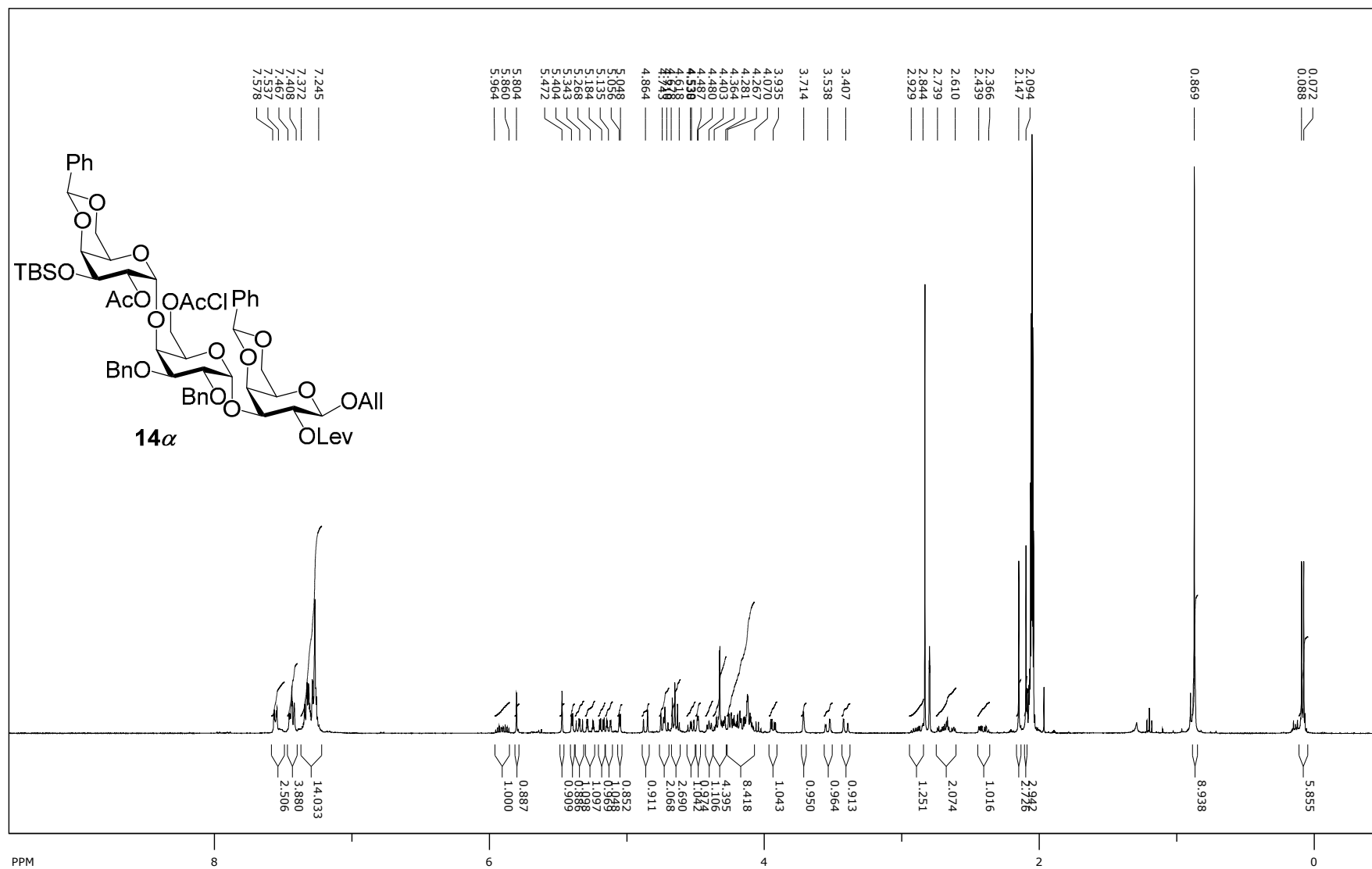
^1H NMR spectra (acetone- d_6 , 400 MHz) of compound **14 β**



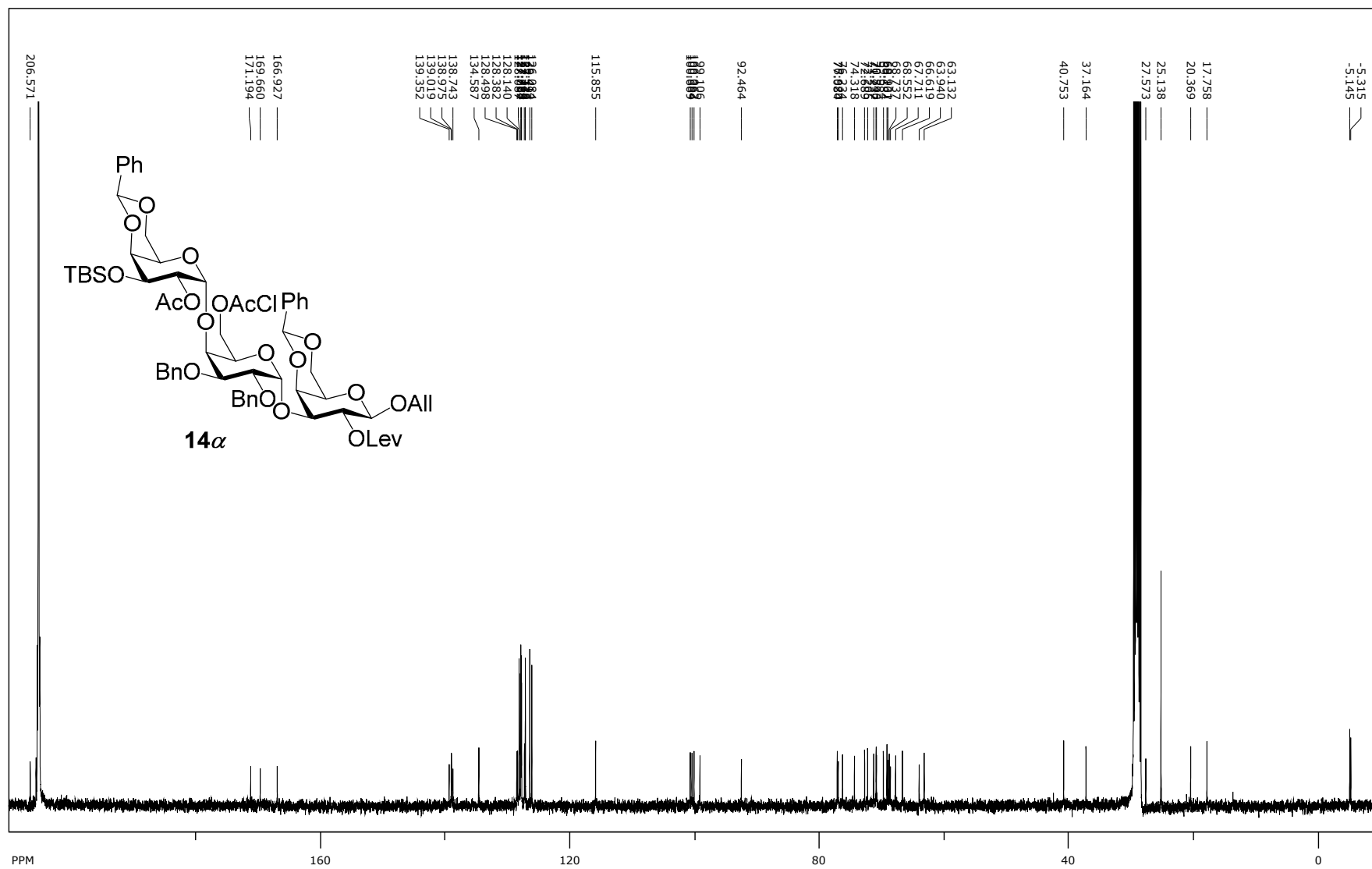
^{13}C NMR spectra (acetone- d_6 , 100 MHz) of compound **14 β**



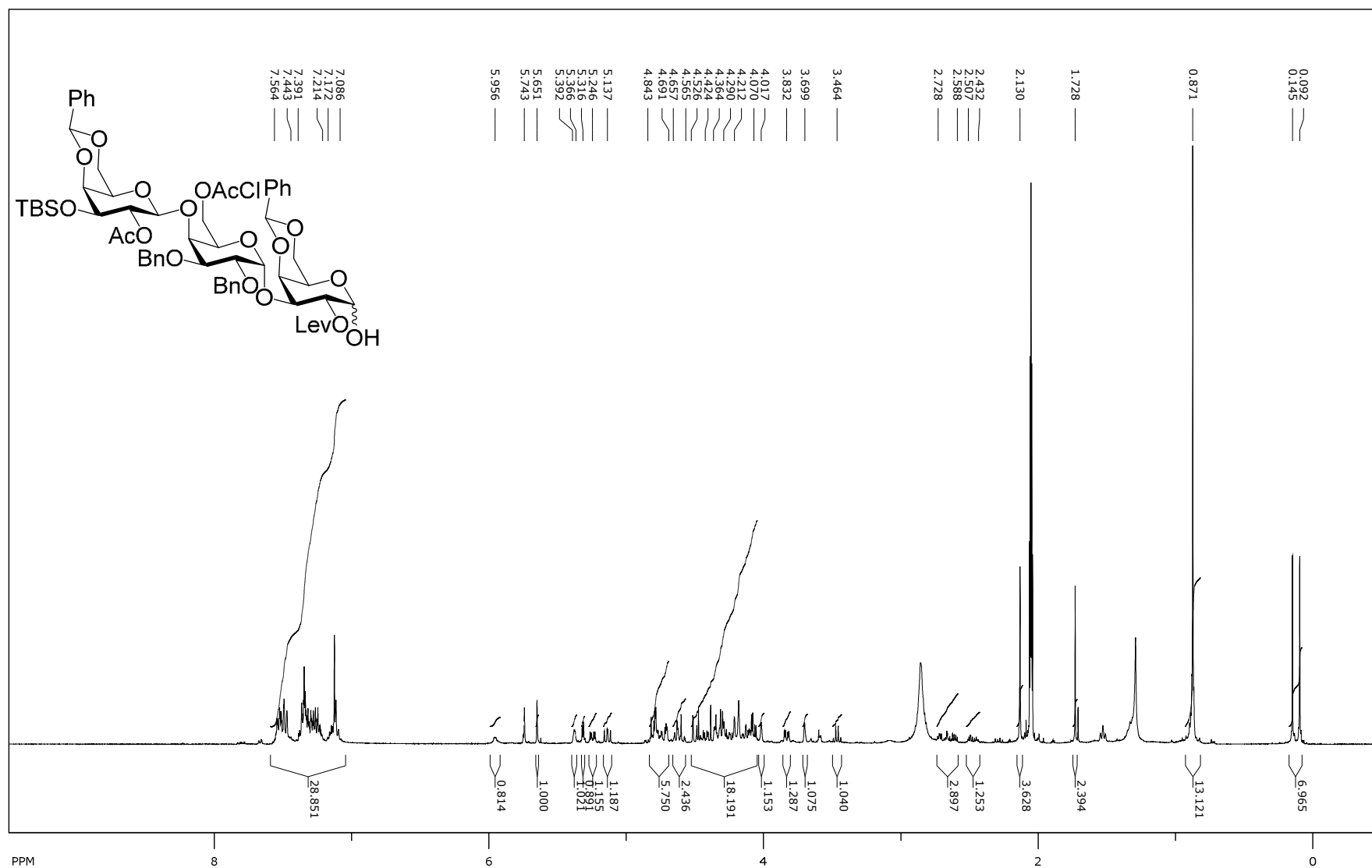
^1H NMR spectra (acetone- d_6 , 400 MHz) of compound **14 α**



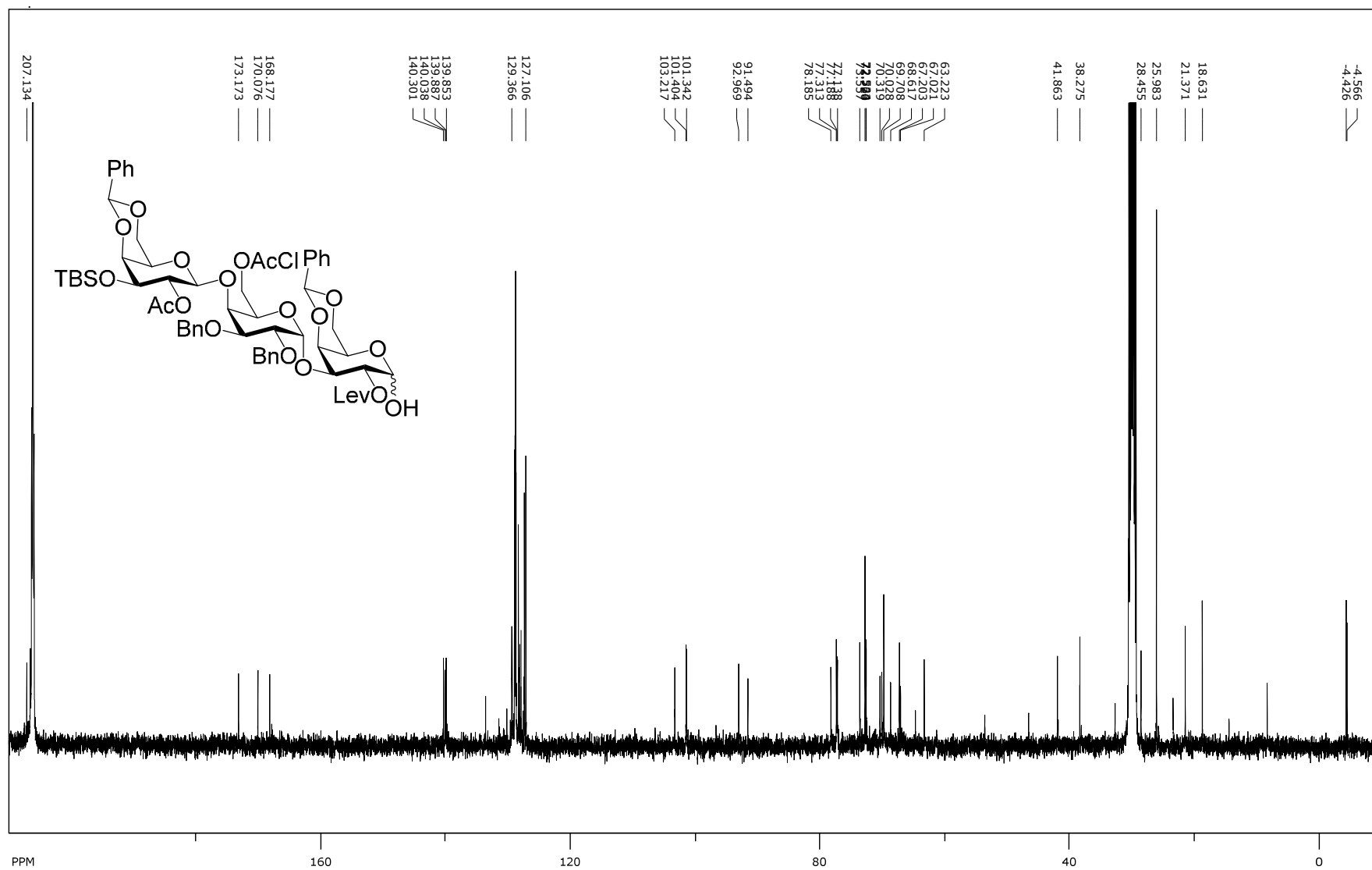
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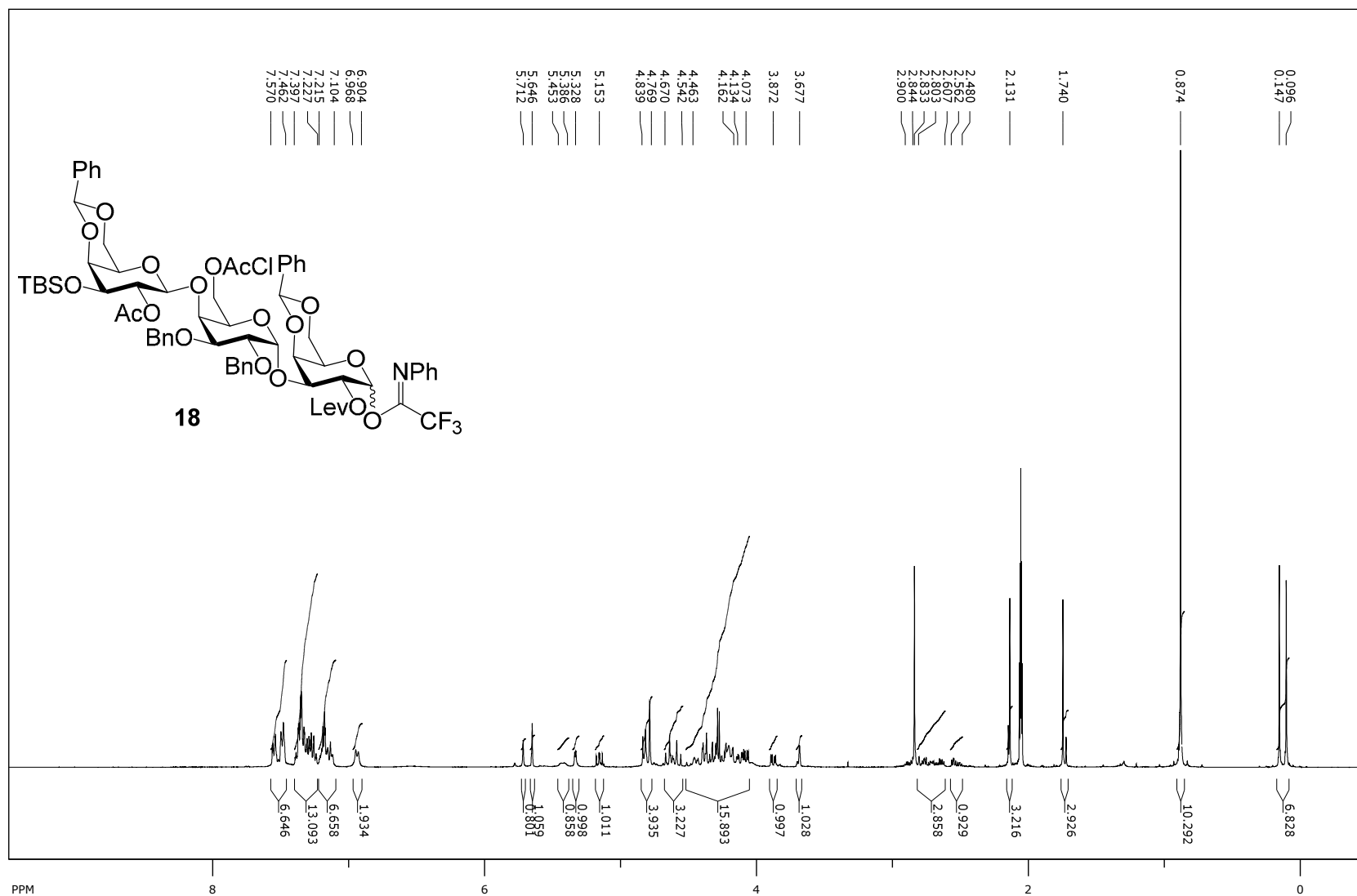
^1H NMR spectra (acetone- d_6 , 400 MHz) of the trisaccharidic hemiacetal



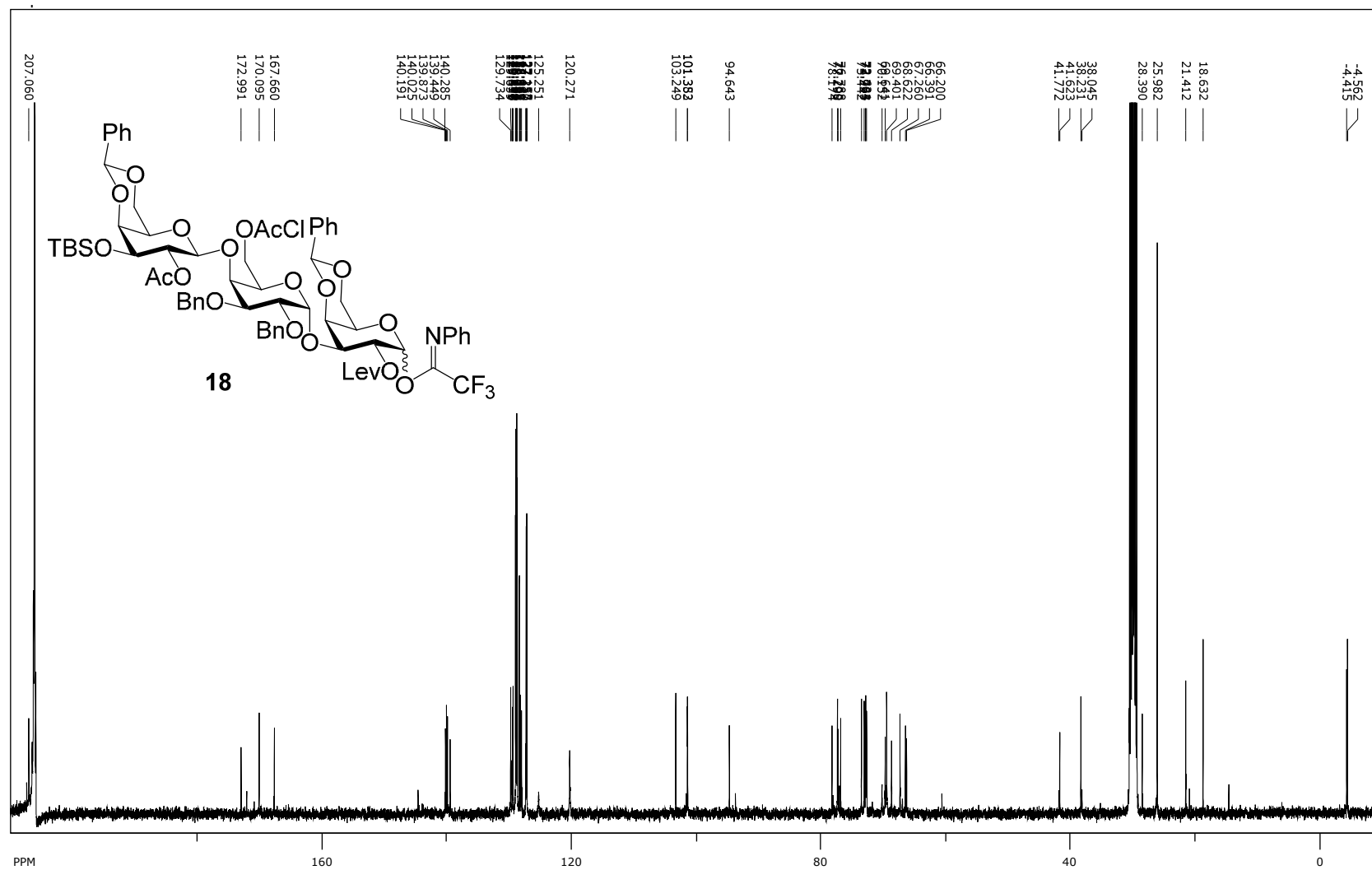
¹³C NMR spectra (acetone-*d*₆, 100 MHz) of the trisaccharidic hemiacetal



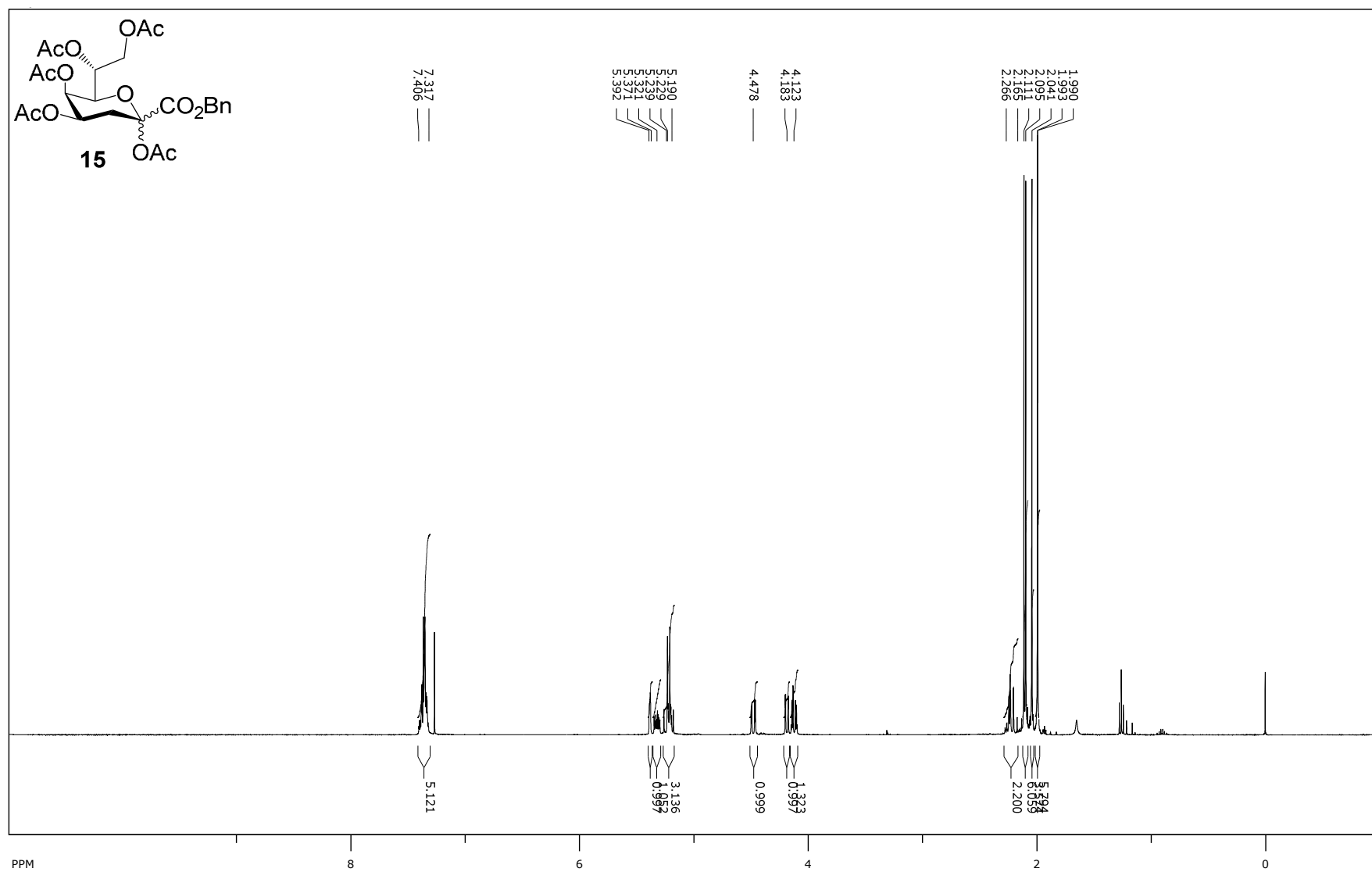
^1H NMR spectra (acetone- d_6 , 400 MHz) of compound **18**



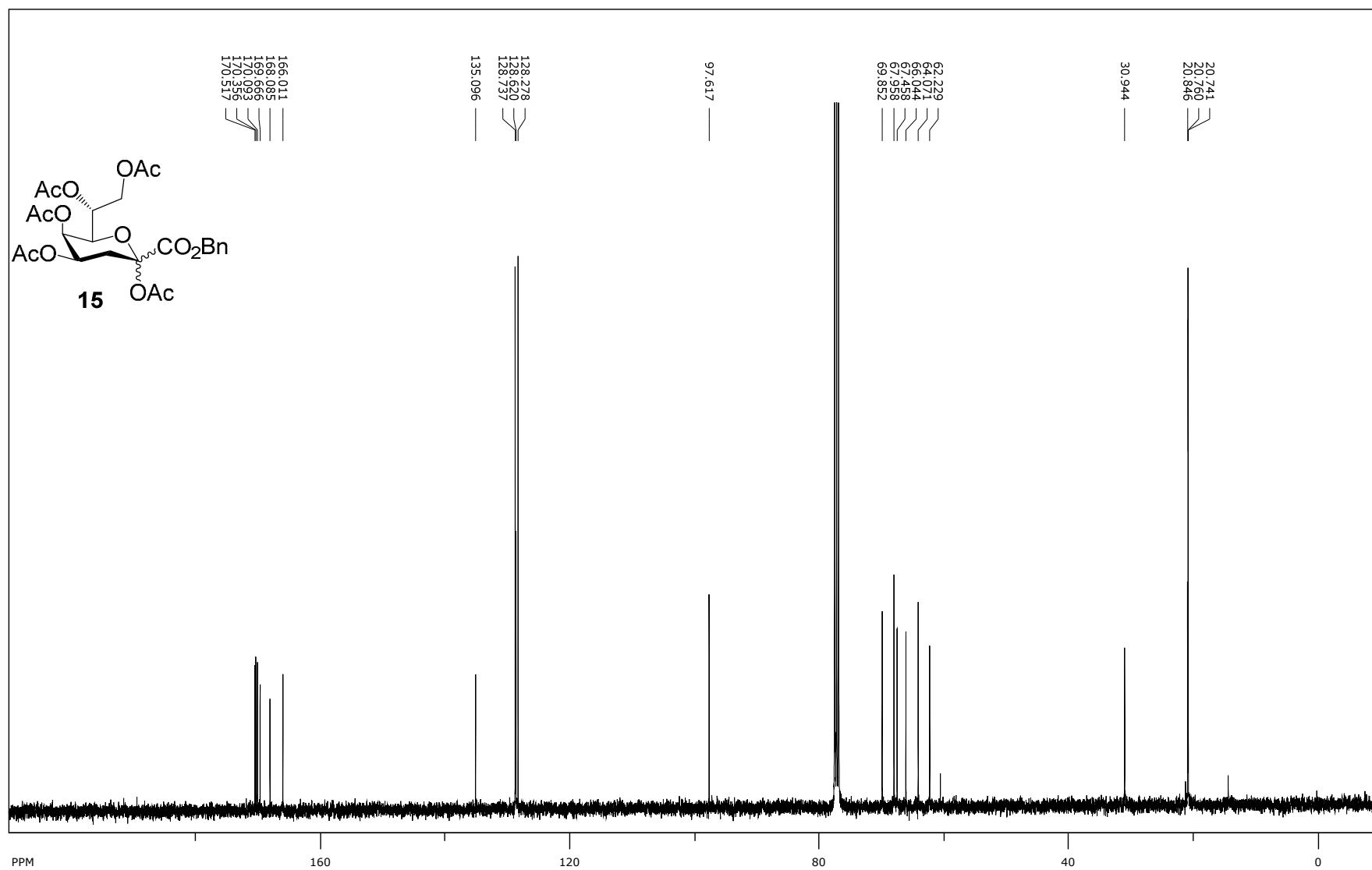
^{13}C NMR spectra (acetone- d_6 , 100 MHz) of compound **18**



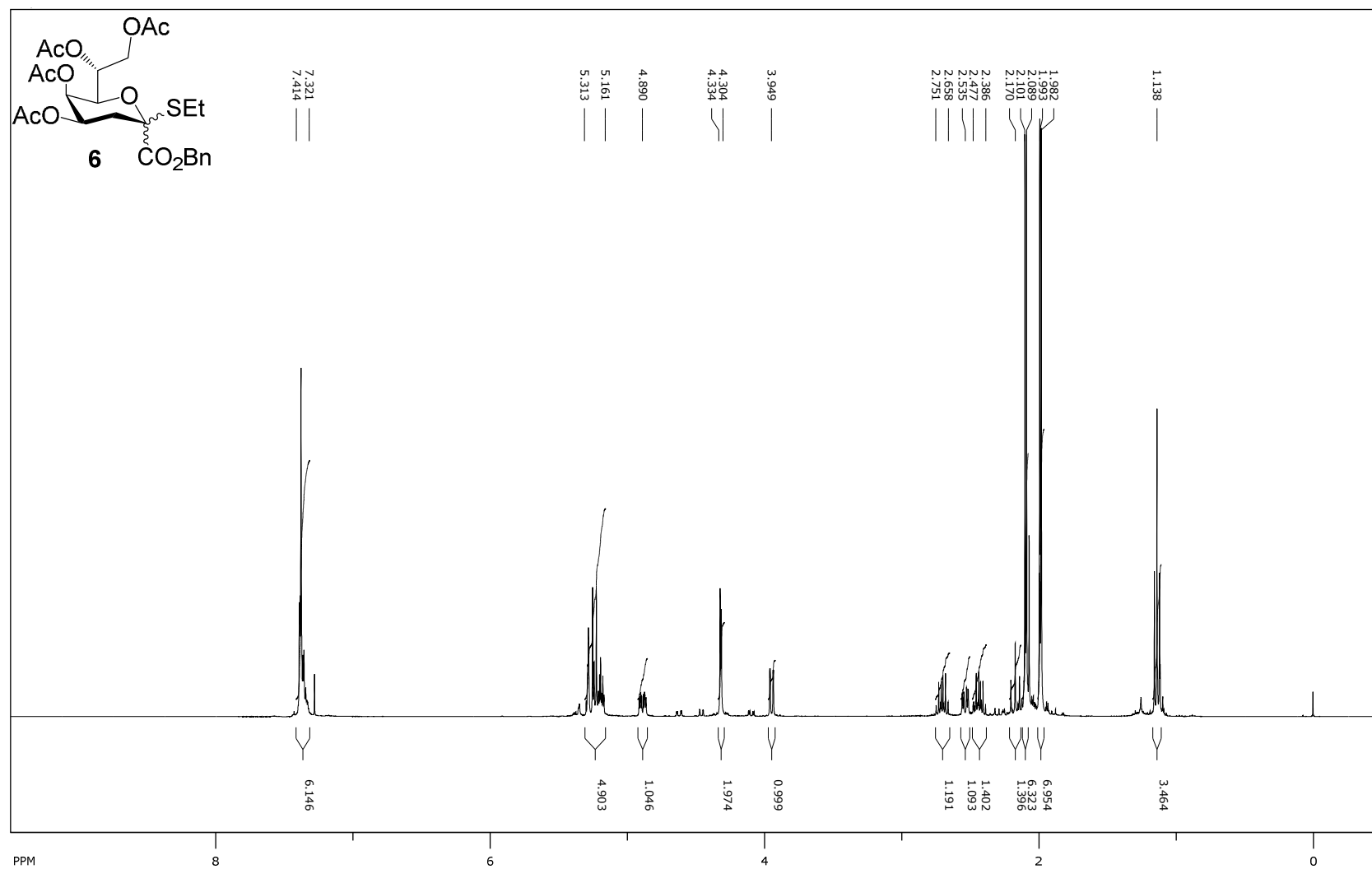
^1H NMR spectra (CDCl_3 , 400 MHz) of compound **15**



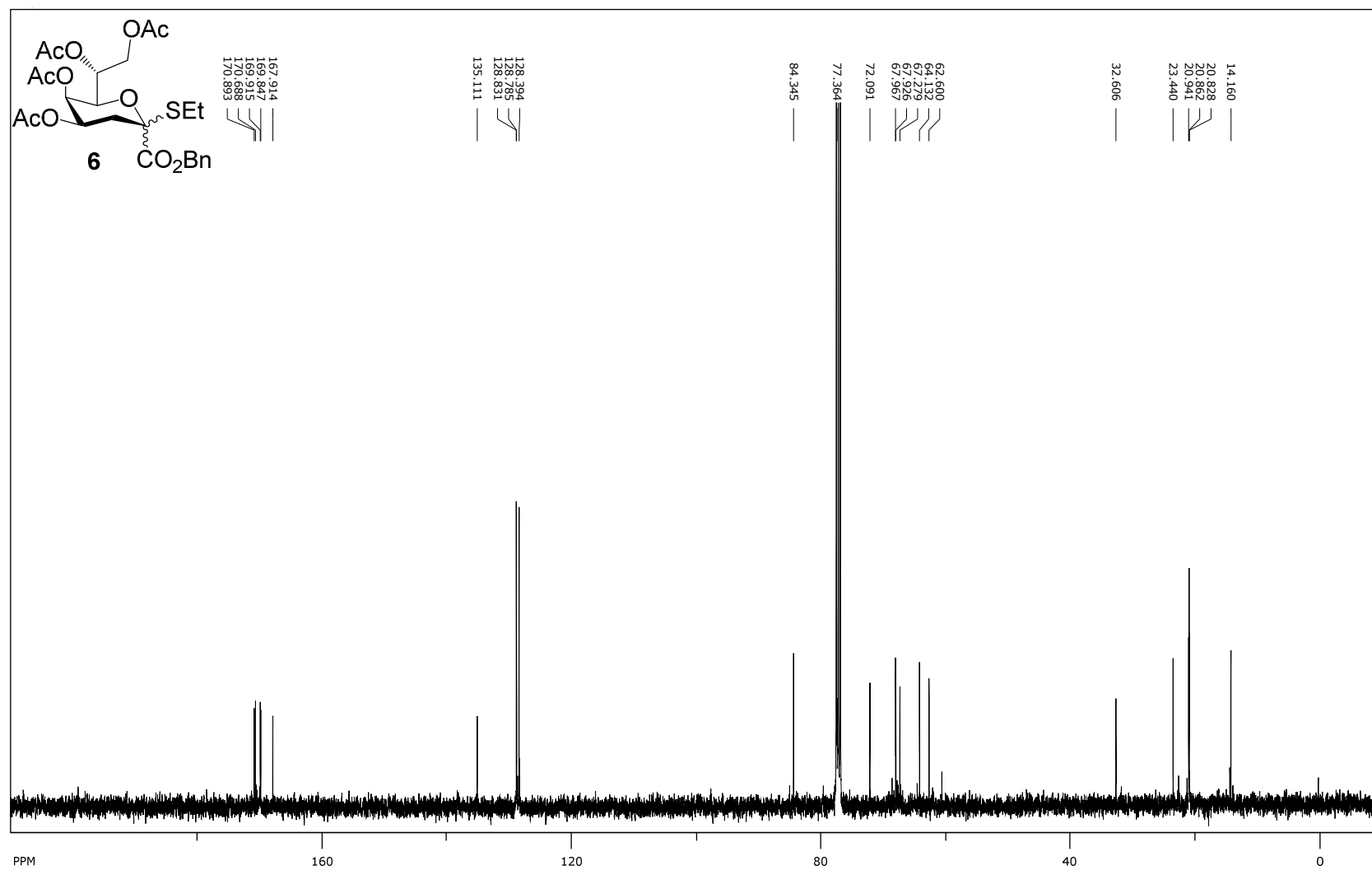
^{13}C NMR spectra (CDCl_3 , 100 MHz) of compound **15**



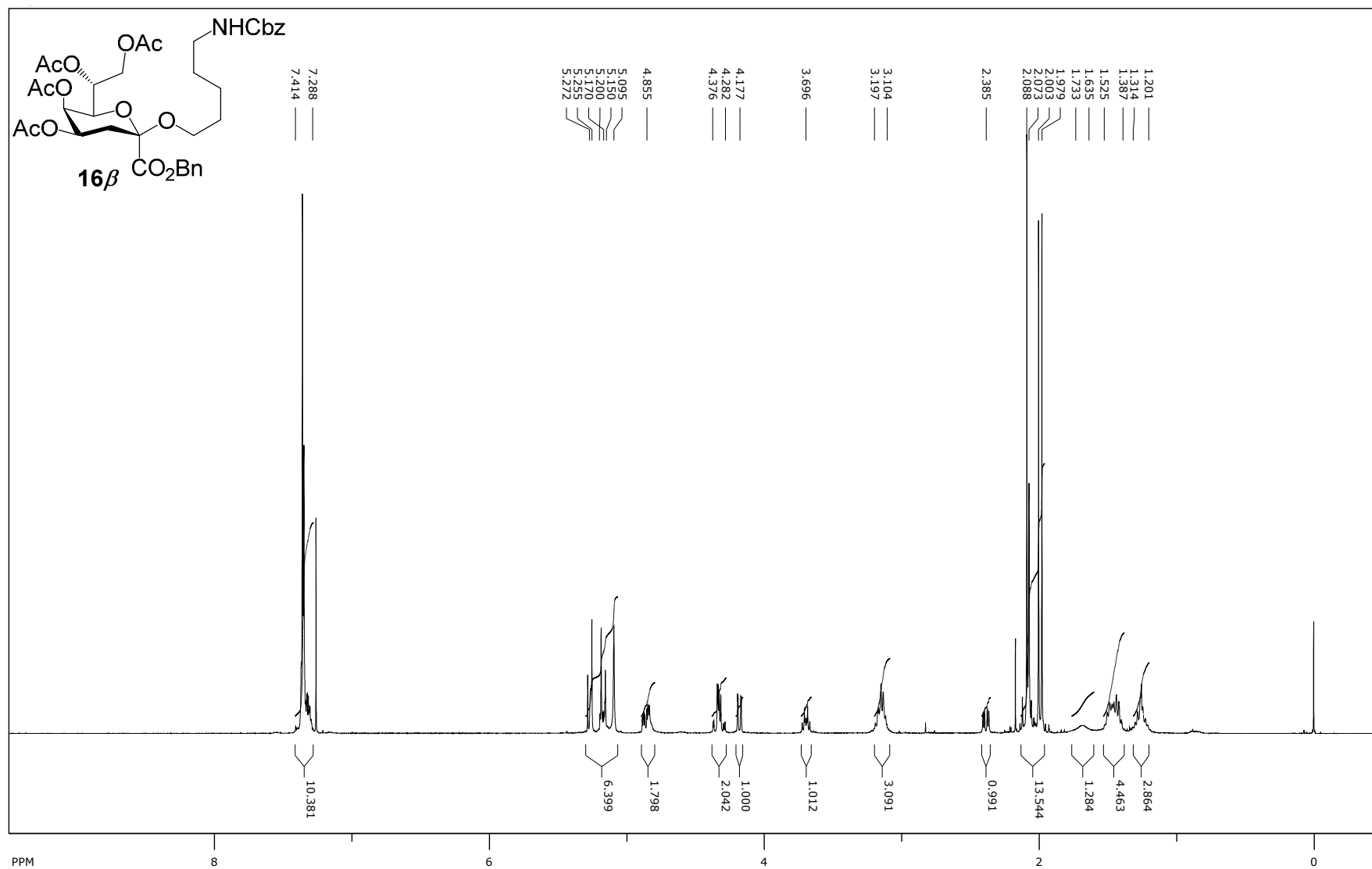
^1H NMR spectra (CDCl_3 , 400 MHz) of compound **6**



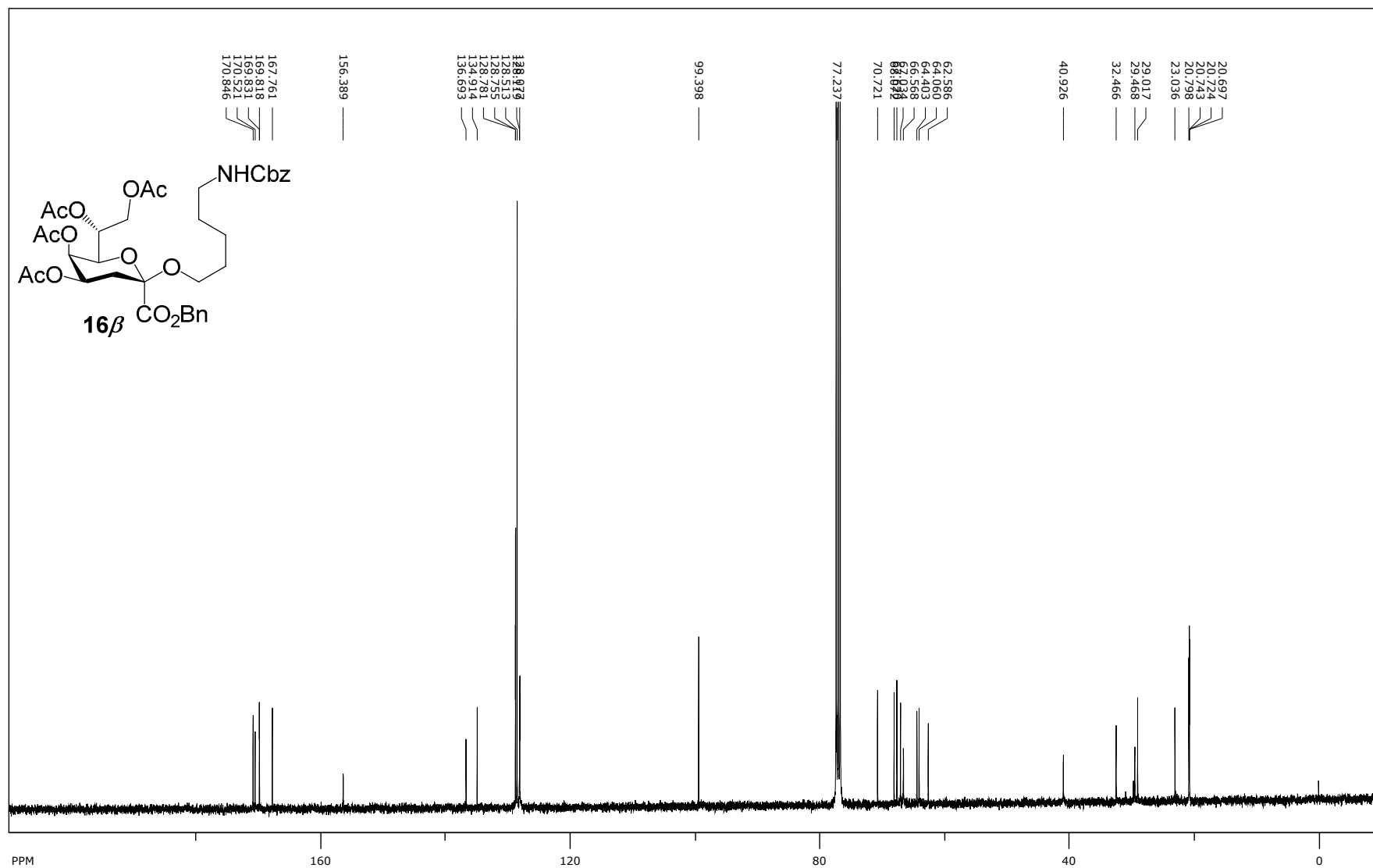
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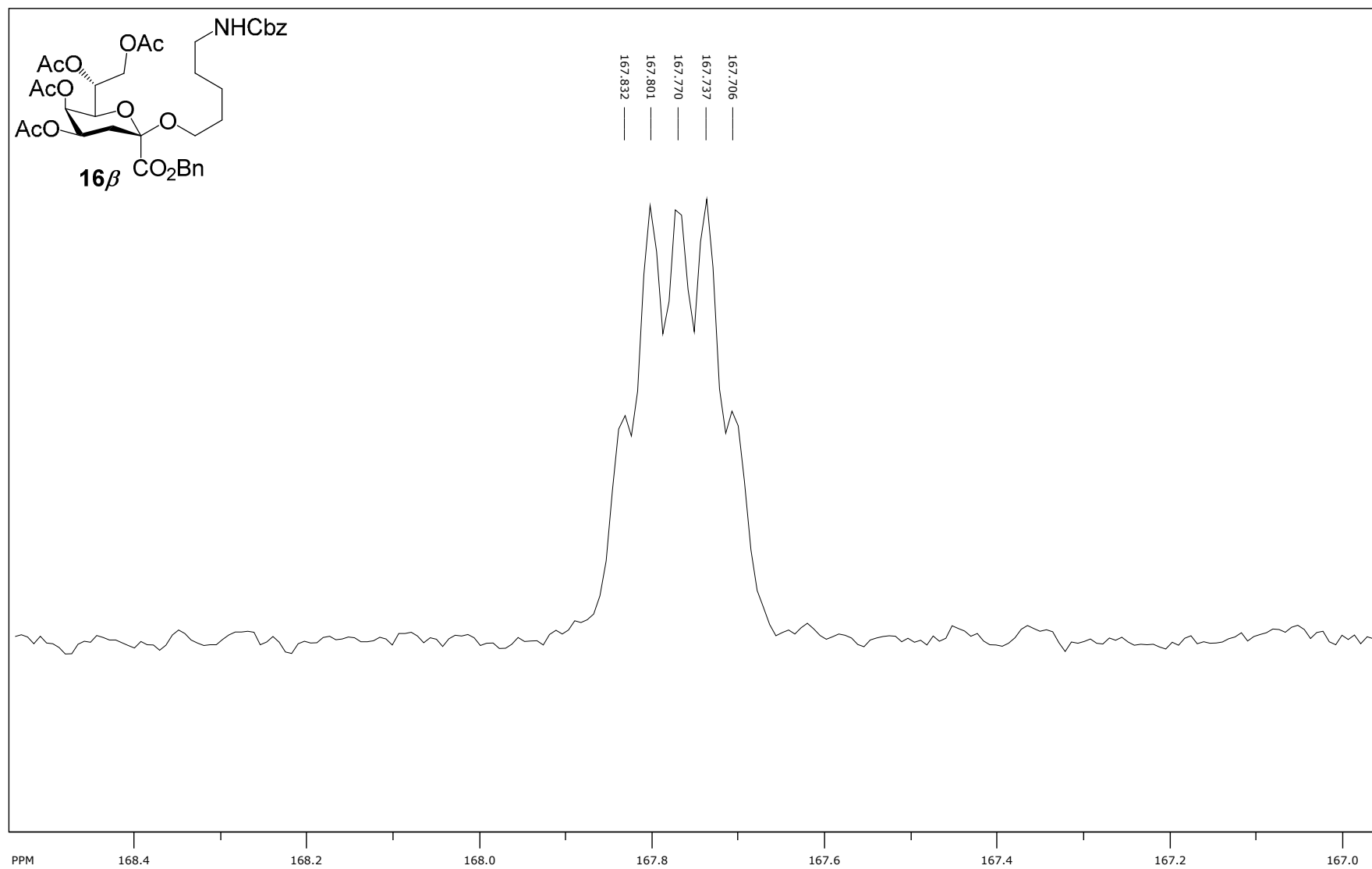
^1H NMR spectra (CDCl_3 , 400 MHz) of compound **16 β**



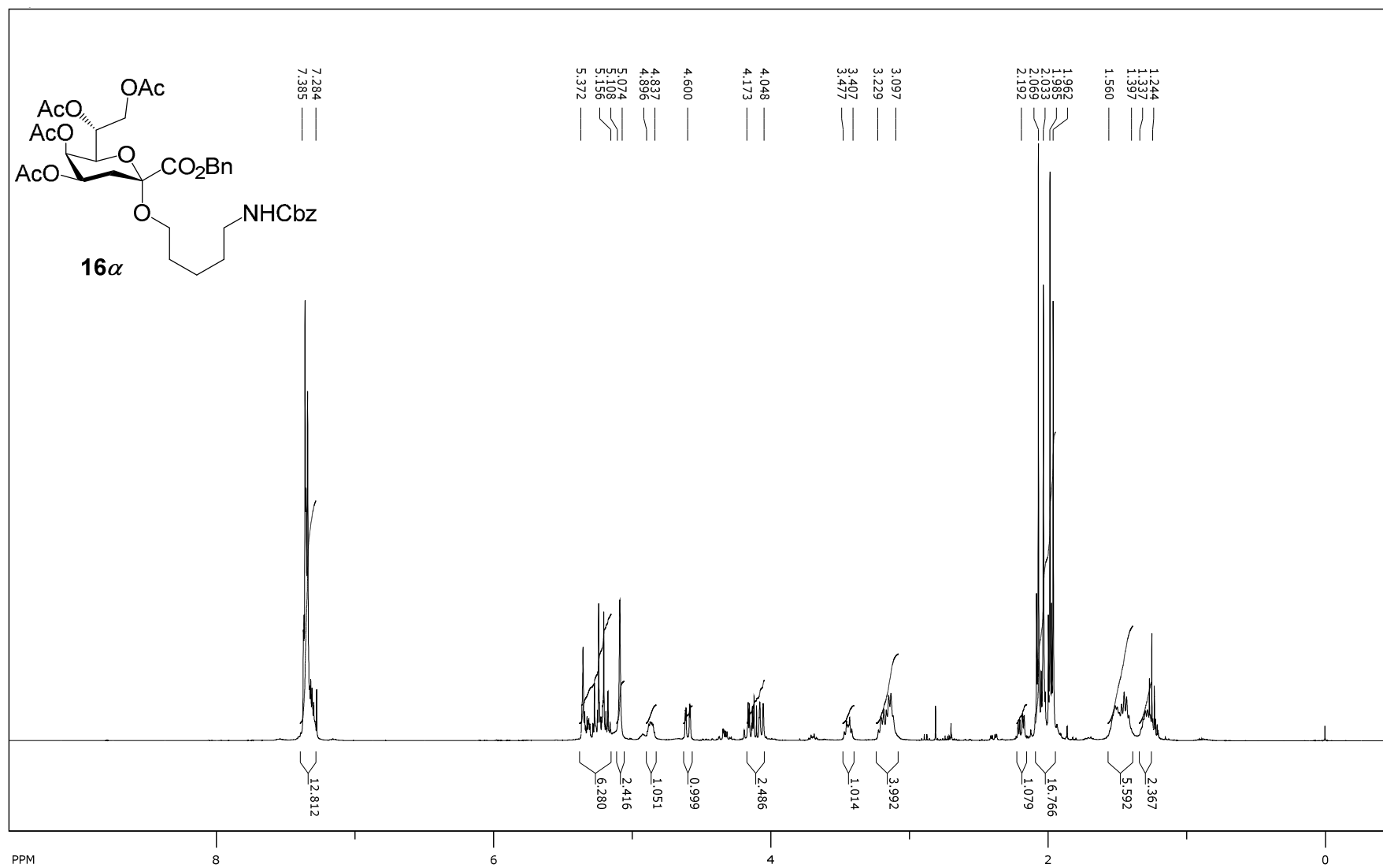
^{13}C NMR spectra (CDCl_3 , 100 MHz) of compound **16 β**



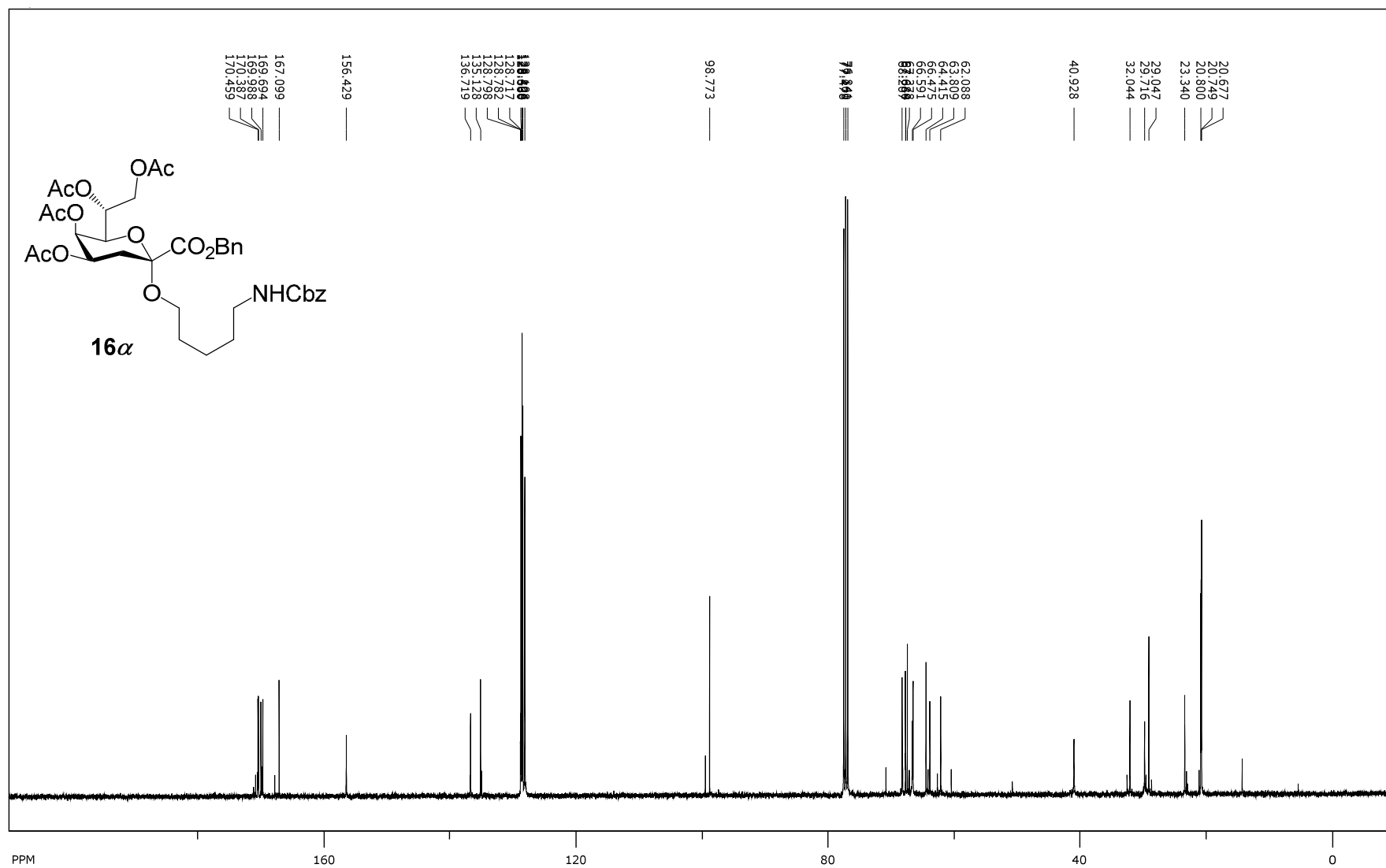
Undecoupled ^{13}C NMR spectra (CDCl_3 , 100 MHz) of compound **16 β** (selected signal of C1)



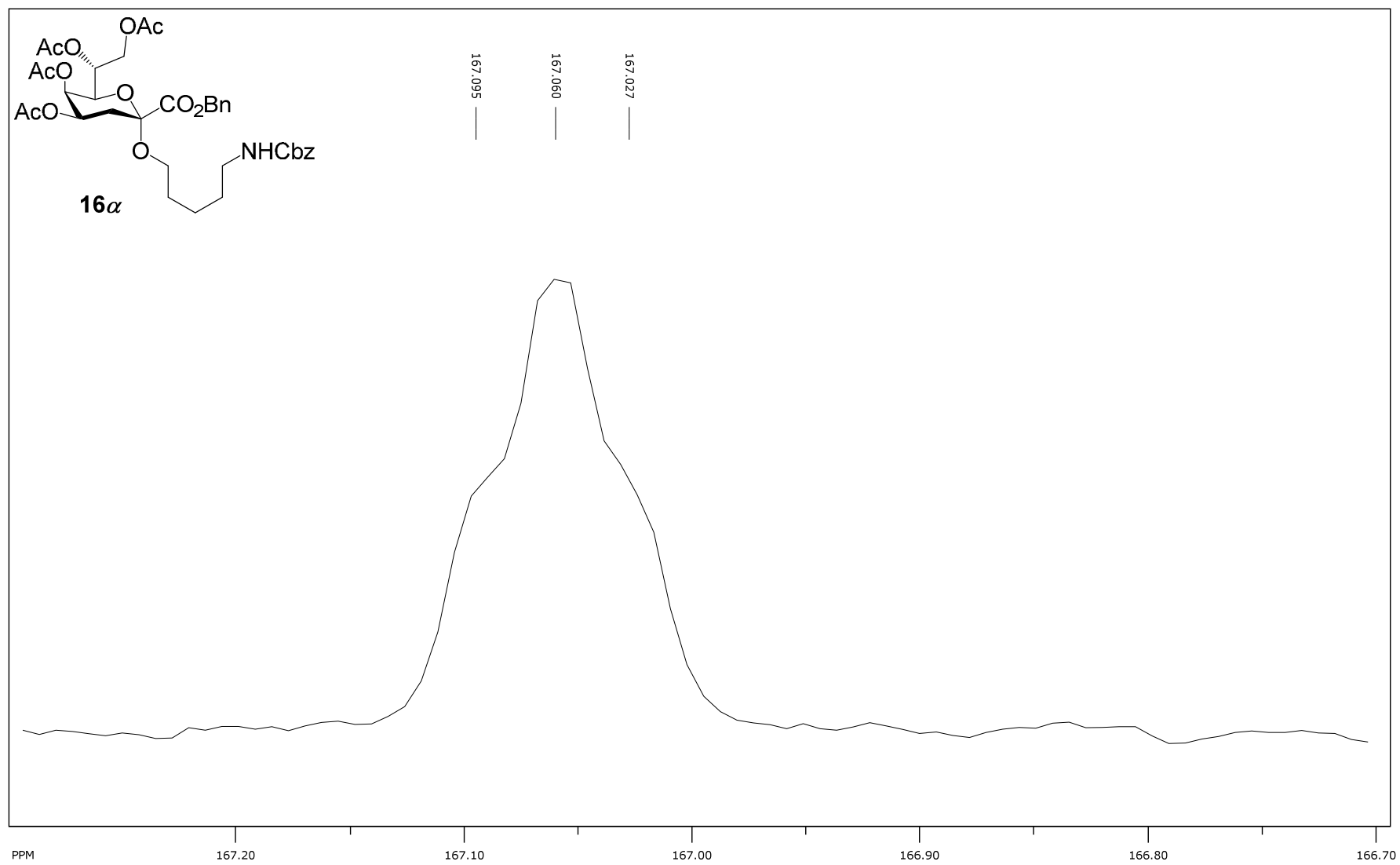
¹H NMR spectra (CDCl₃, 400 MHz) of compound **16 α**



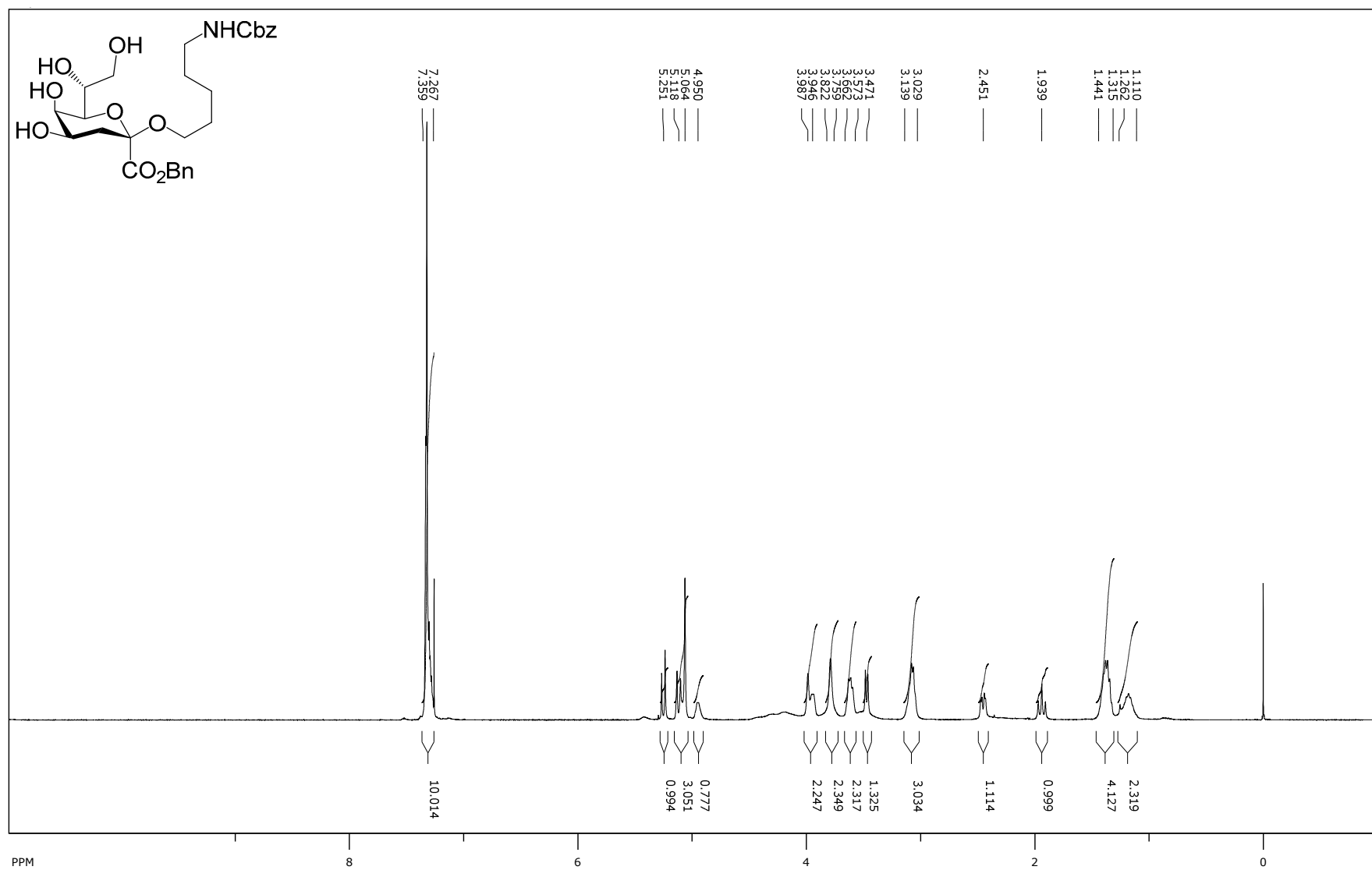
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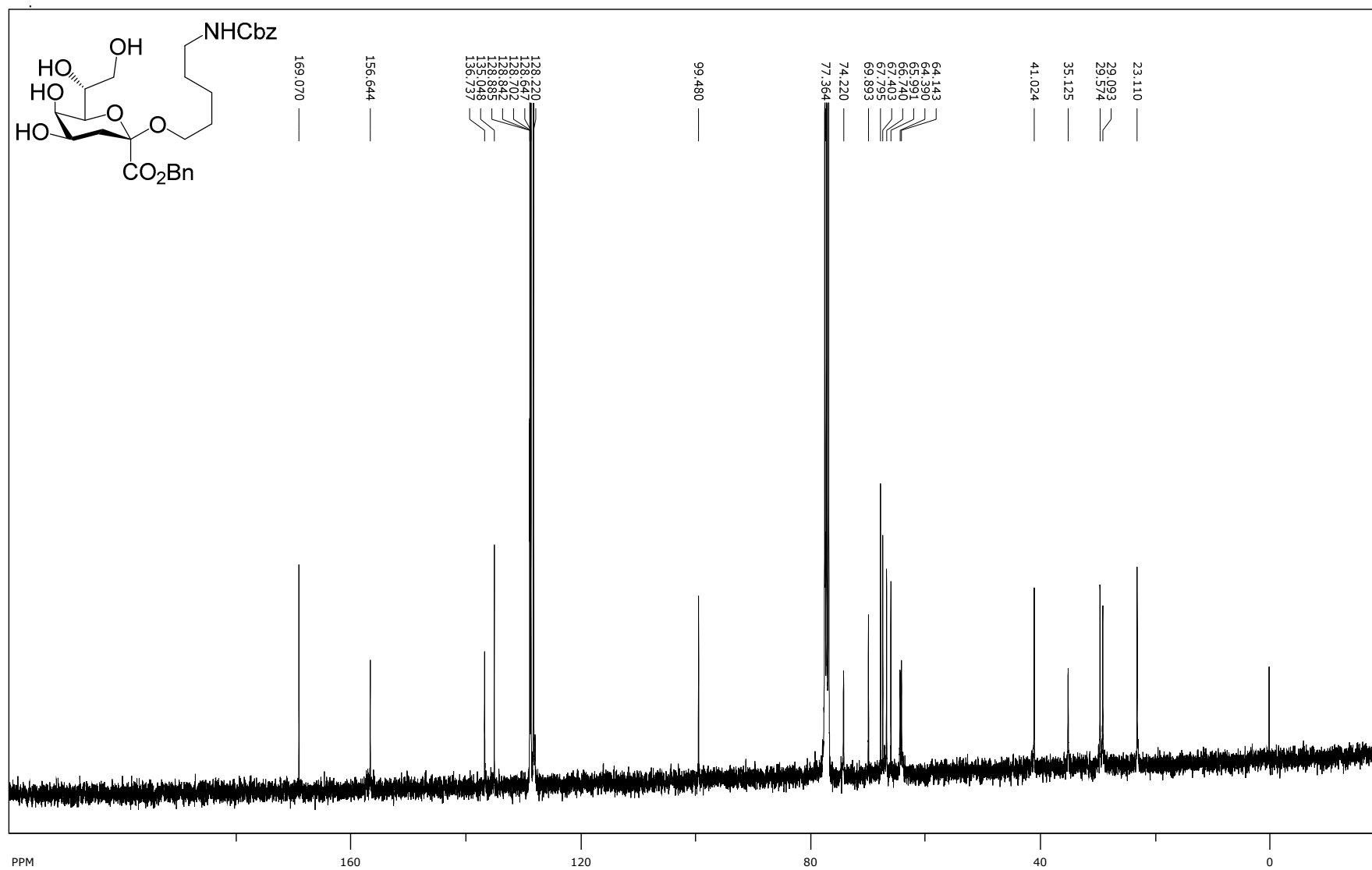
Undecoupled ^{13}C NMR spectra (CDCl_3 , 100 MHz) of compound **16 α** (selected signal of C1)



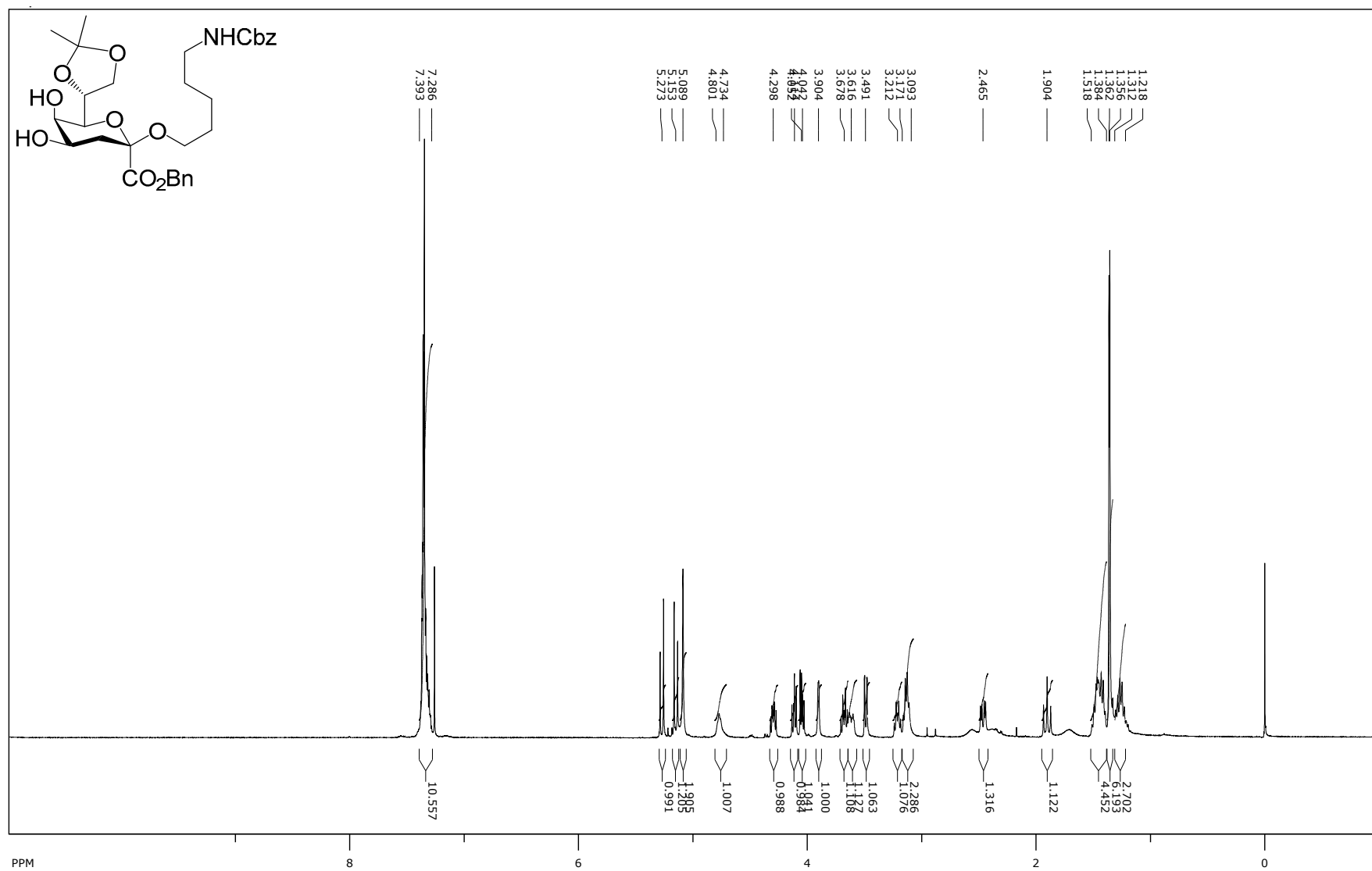
^1H NMR spectra (CDCl_3 , 400 MHz) of the Kdo tetraol



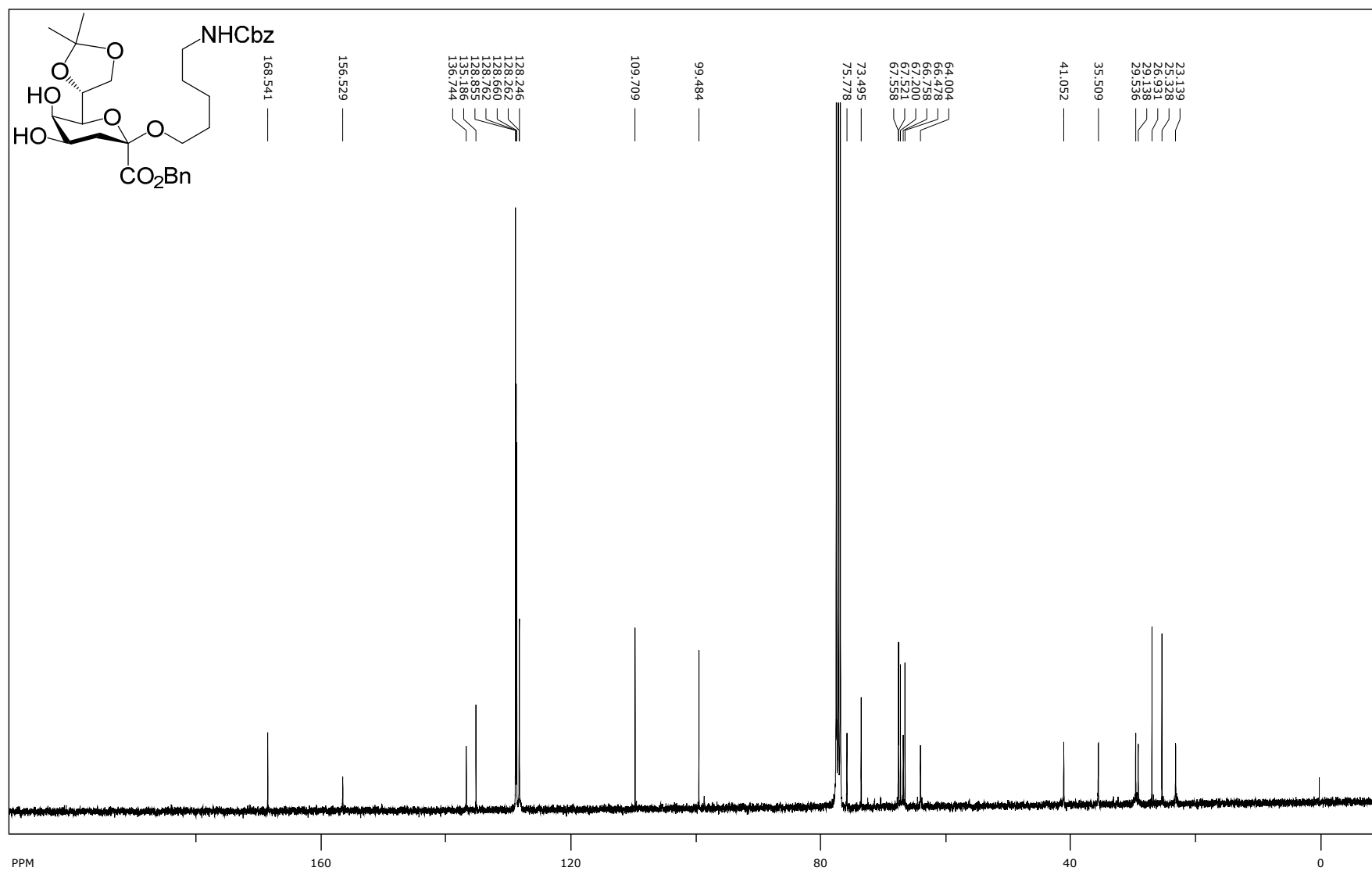
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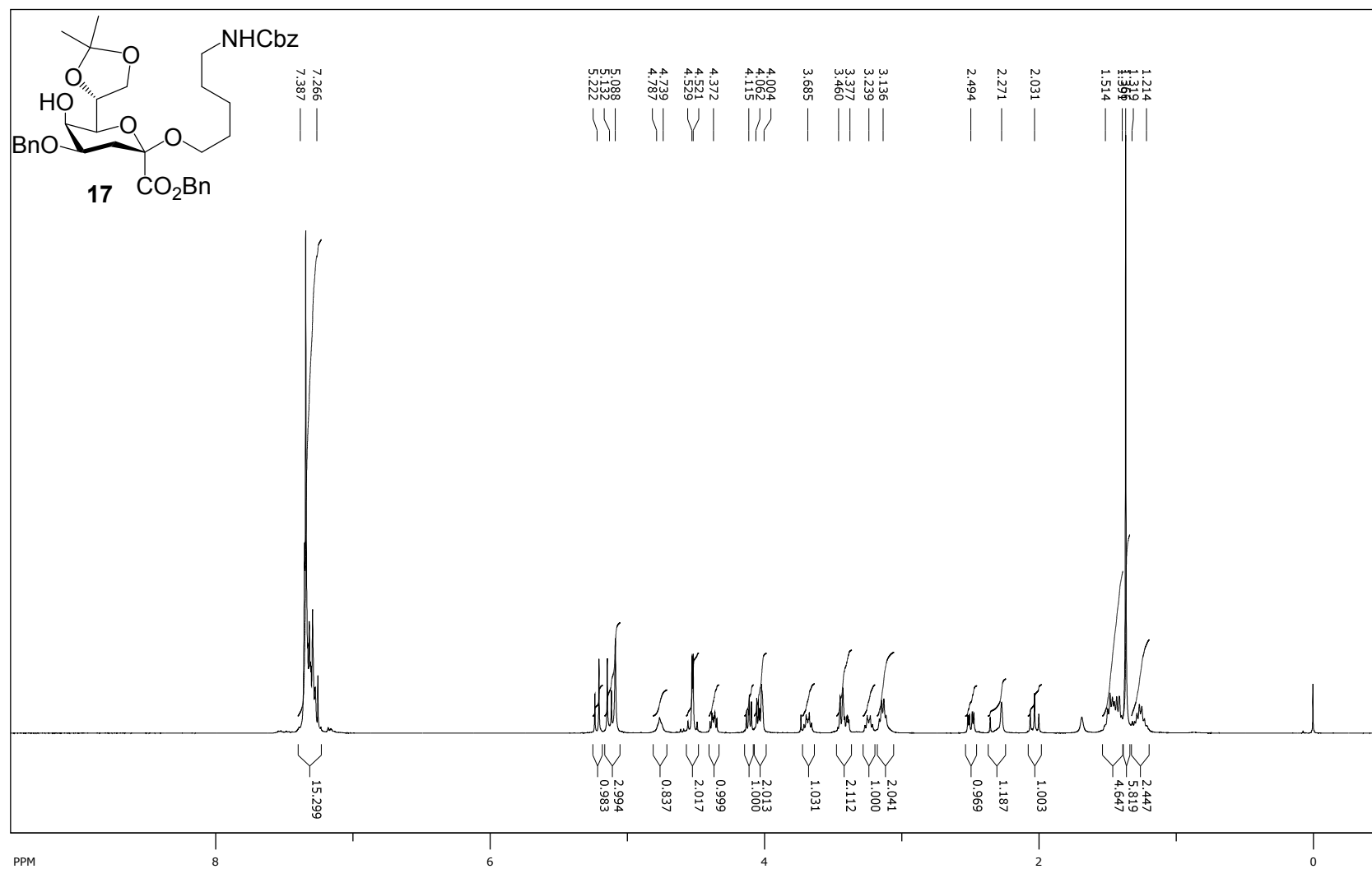
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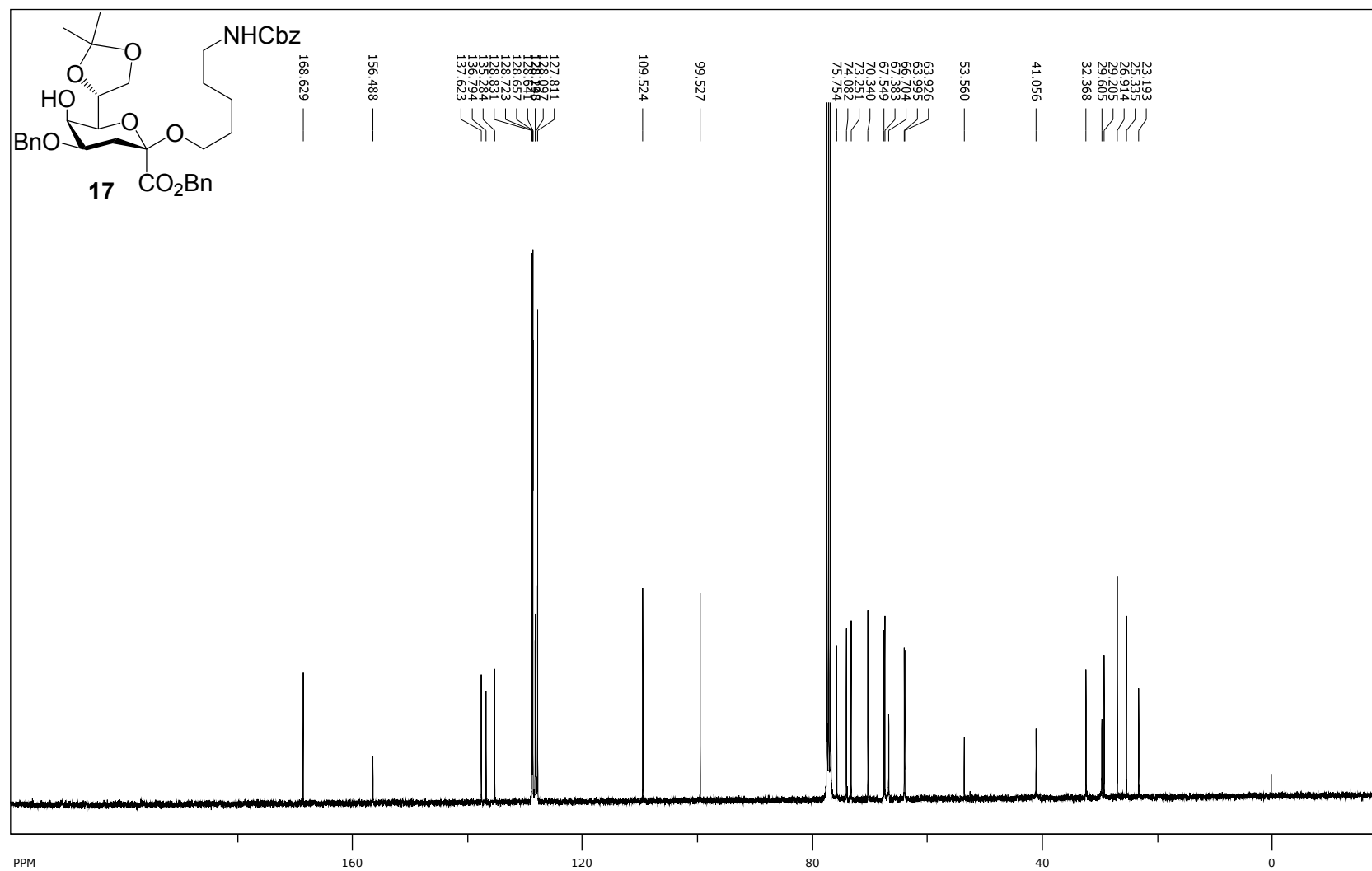
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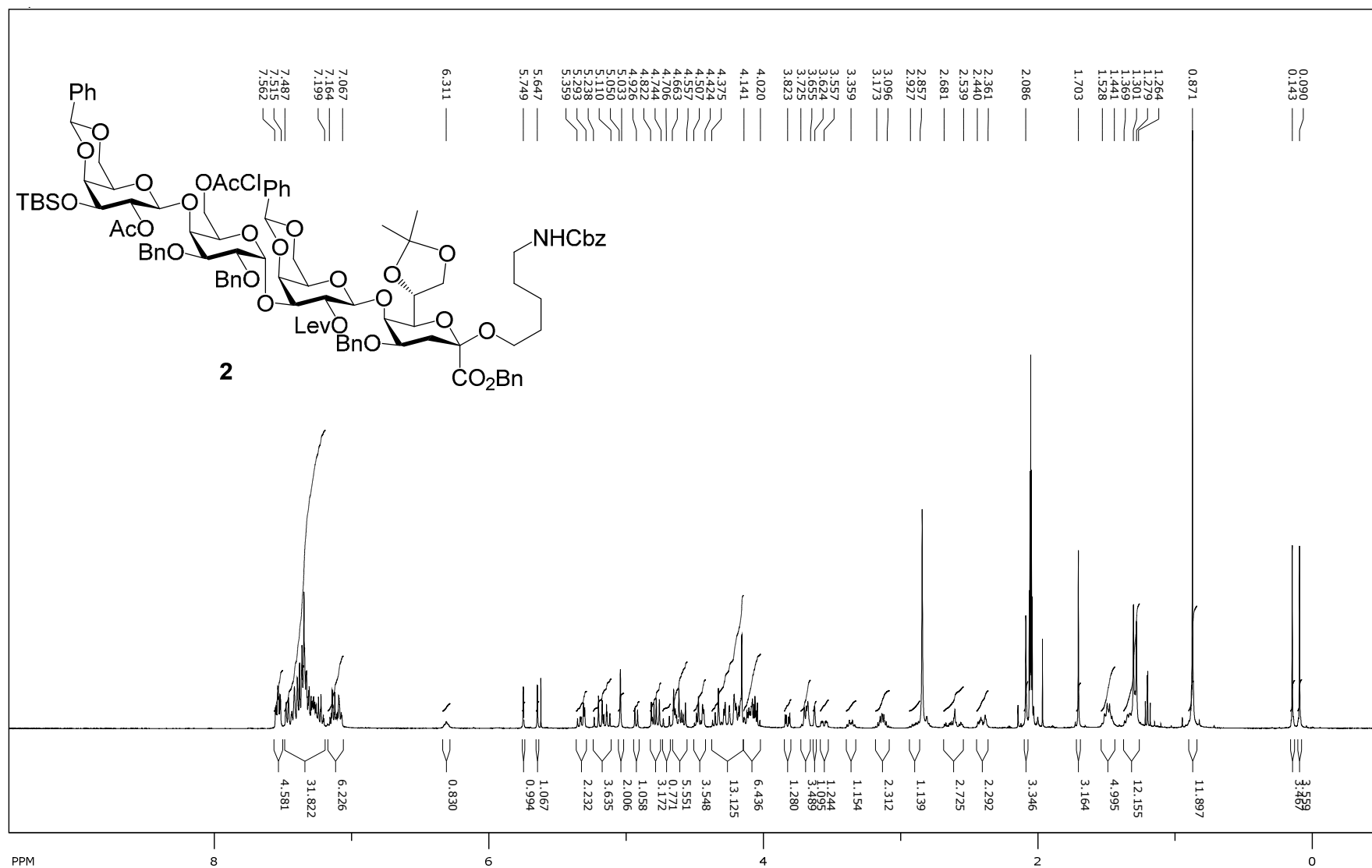
^1H NMR spectra (CDCl_3 , 400 MHz) of compound **17**



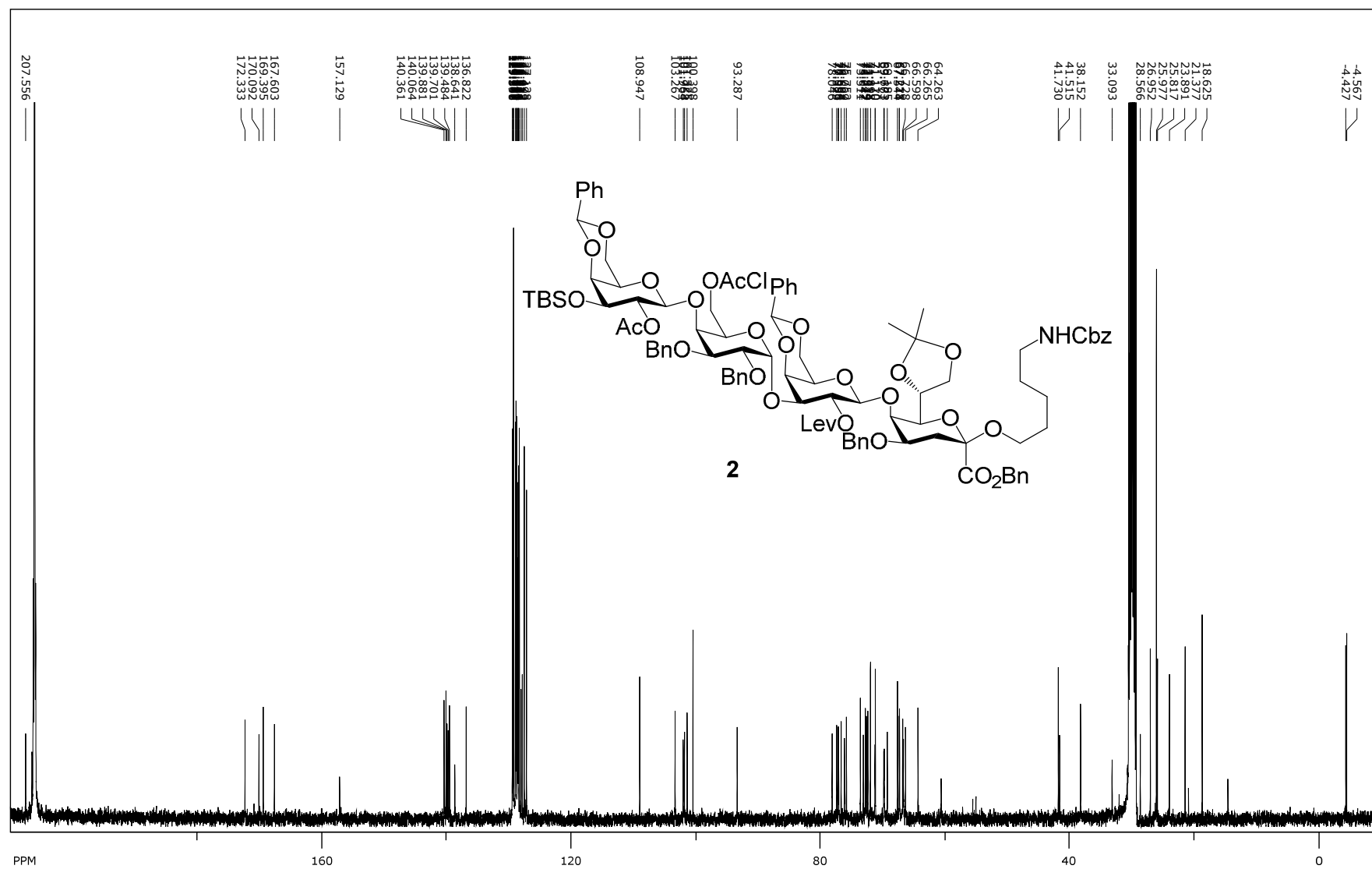
^{13}C NMR spectra (CDCl_3 , 100 MHz) of compound **17**



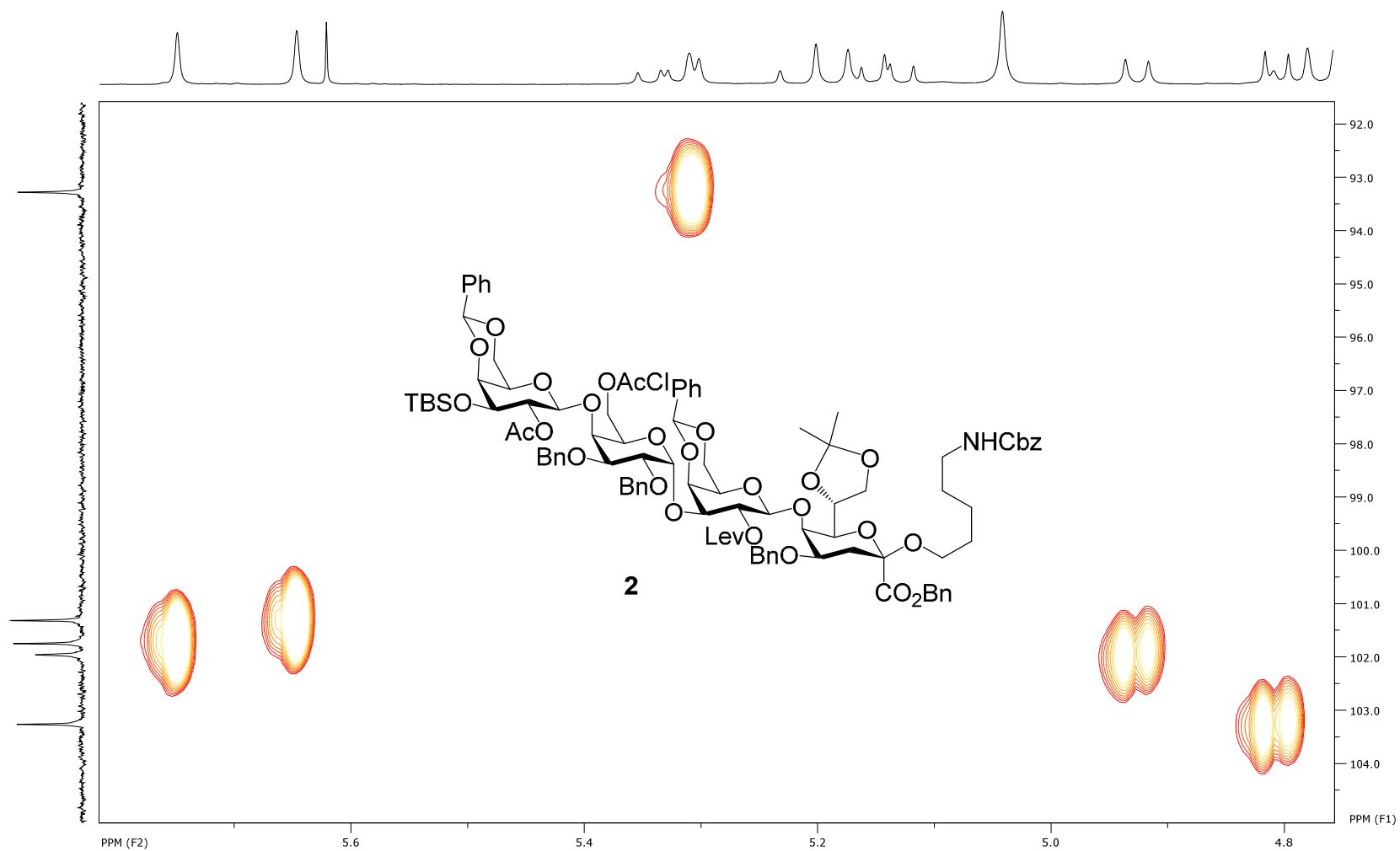
¹H NMR spectra (acetone-*d*₆, 400 MHz) of compound **2**



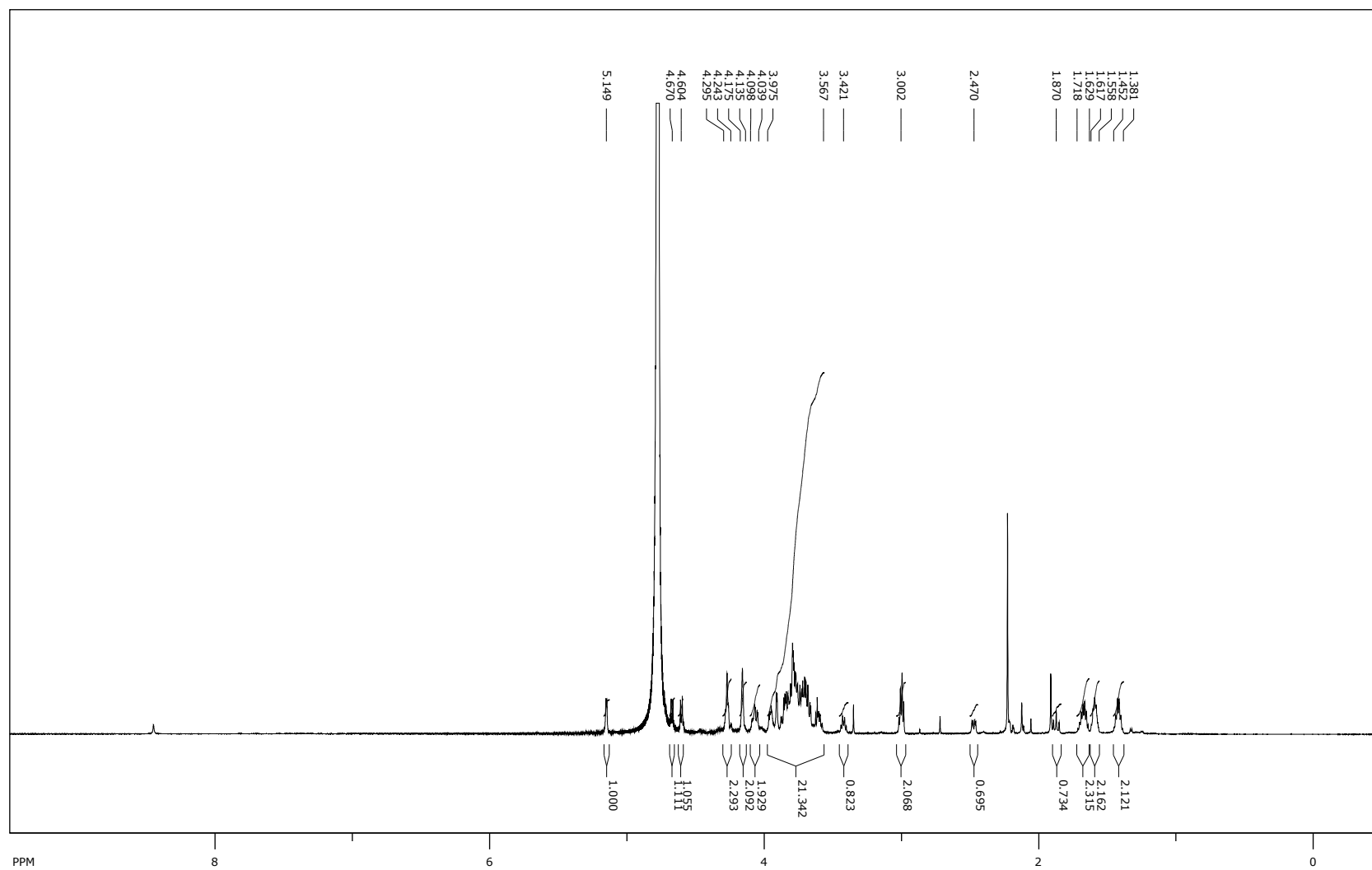
^{13}C NMR spectra (acetone- d_6 , 100 MHz) of compound **2**



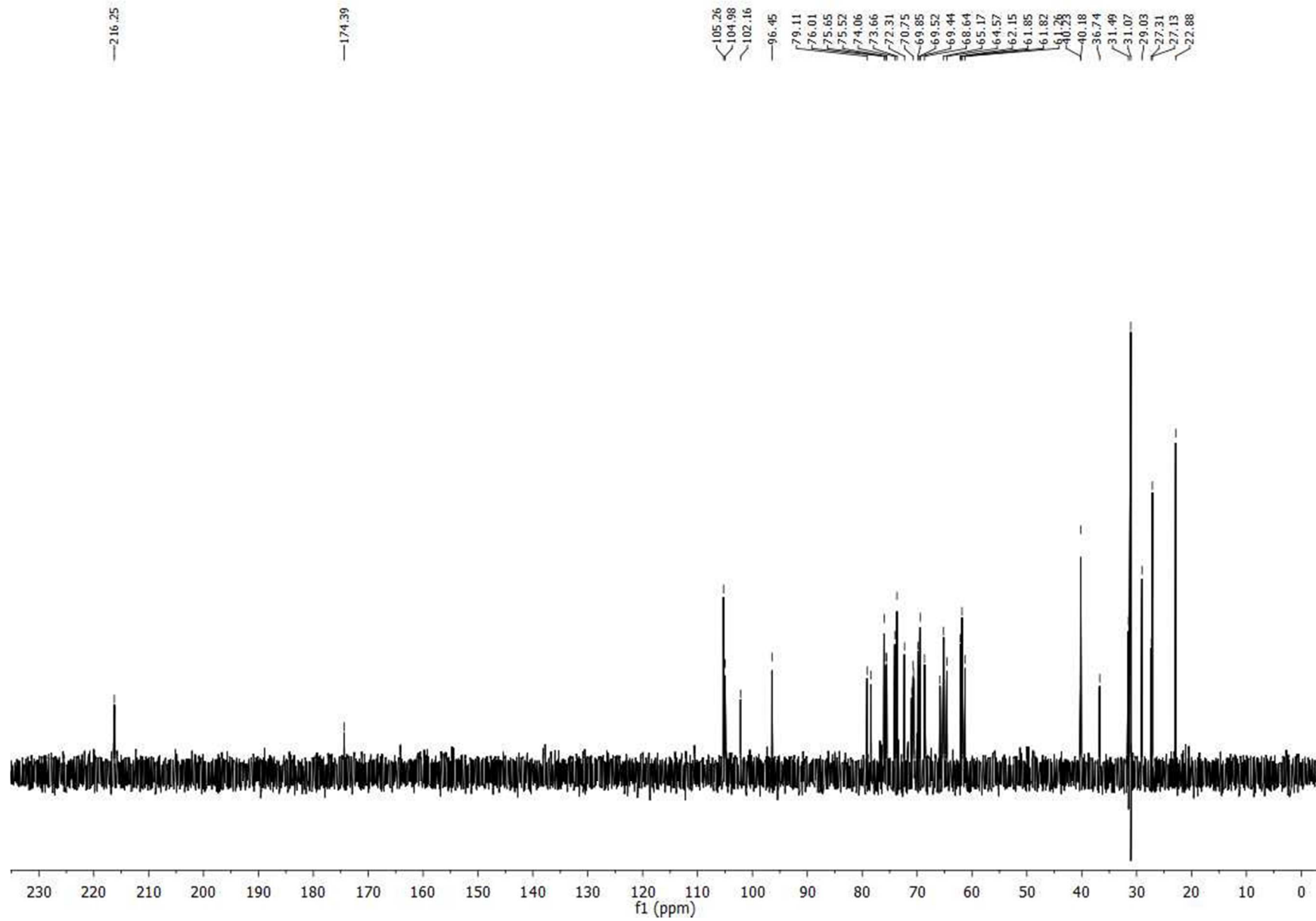
2D HSQC NMR spectra (acetone- d_6 , 400 MHz) of compound **2** (selected area of anomeric protons/carbons)



^1H NMR spectra (D_2O , 600 MHz) of compound **1**



^1H NMR spectra (D_2O , 150 MHz) of compound **1**



HSQC spectra (D₂O, 600 MHz) of compound **1**

