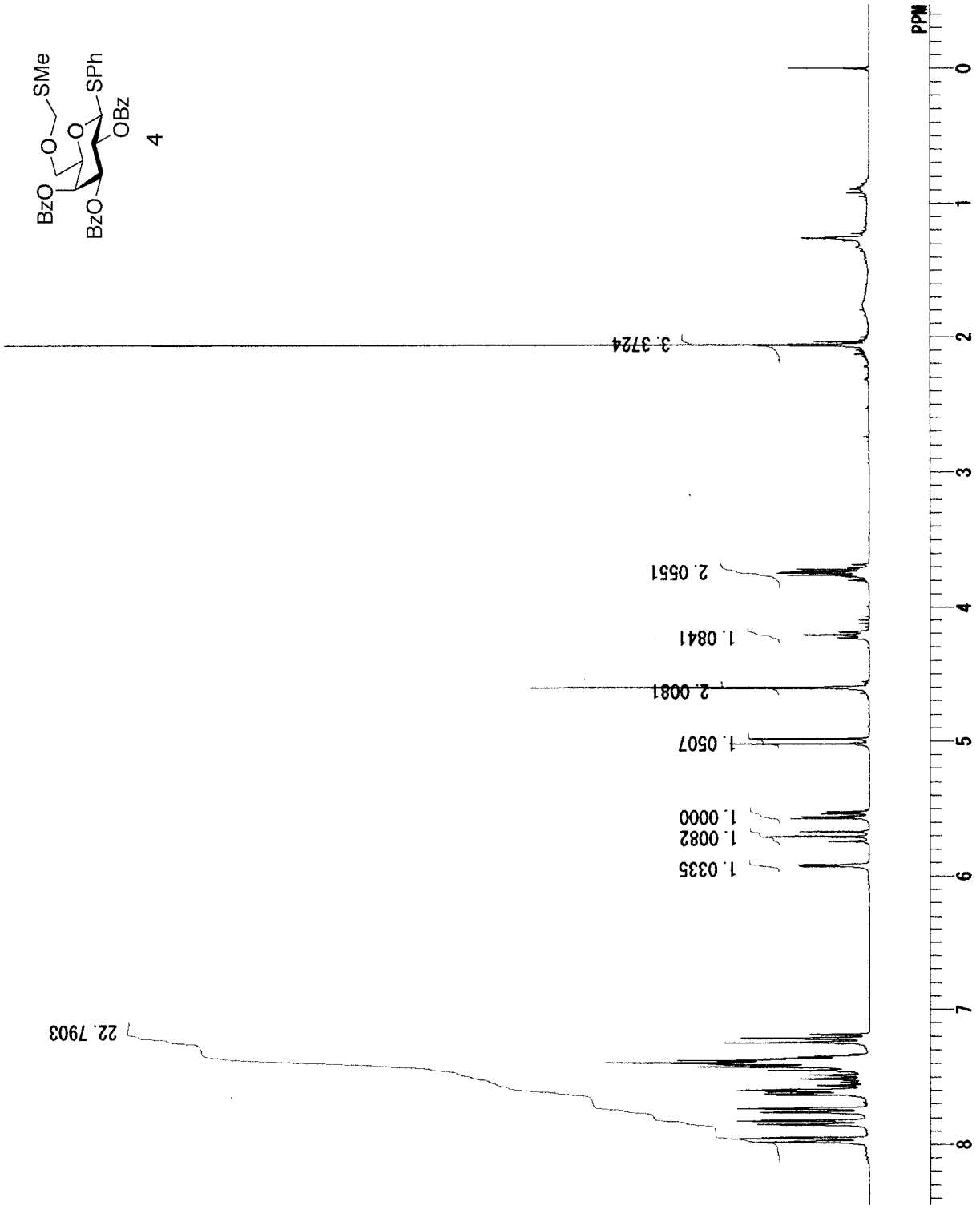
Electronic supplementary information for

Synthesis of bisubstrate analogues targeting α-1,3-fucosyltransferase and their activities

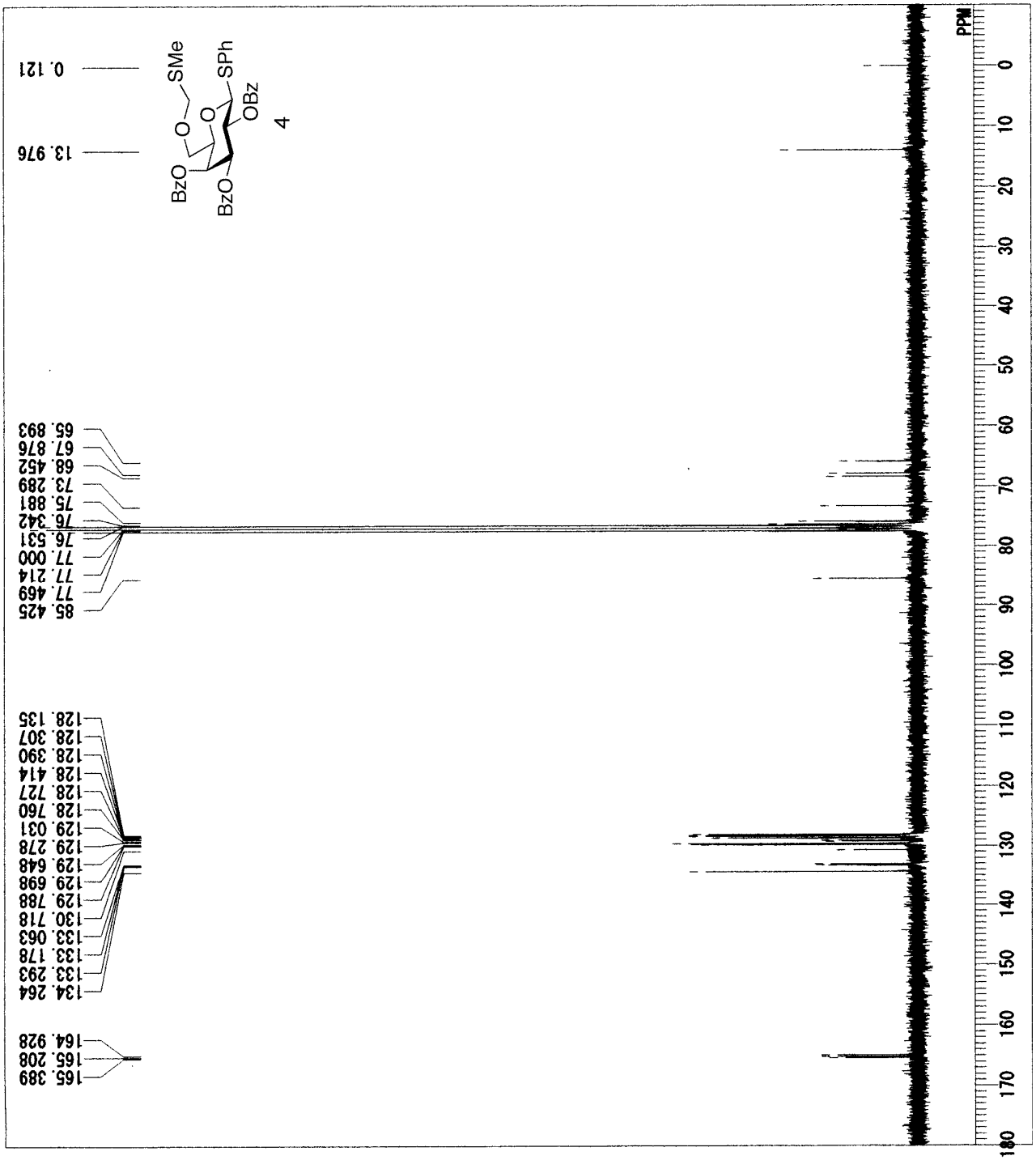
Masayuki Izumi,* Syunsuke Kaneko, Hideya Yuasa, and Hironobu Hashimoto

Table of contents

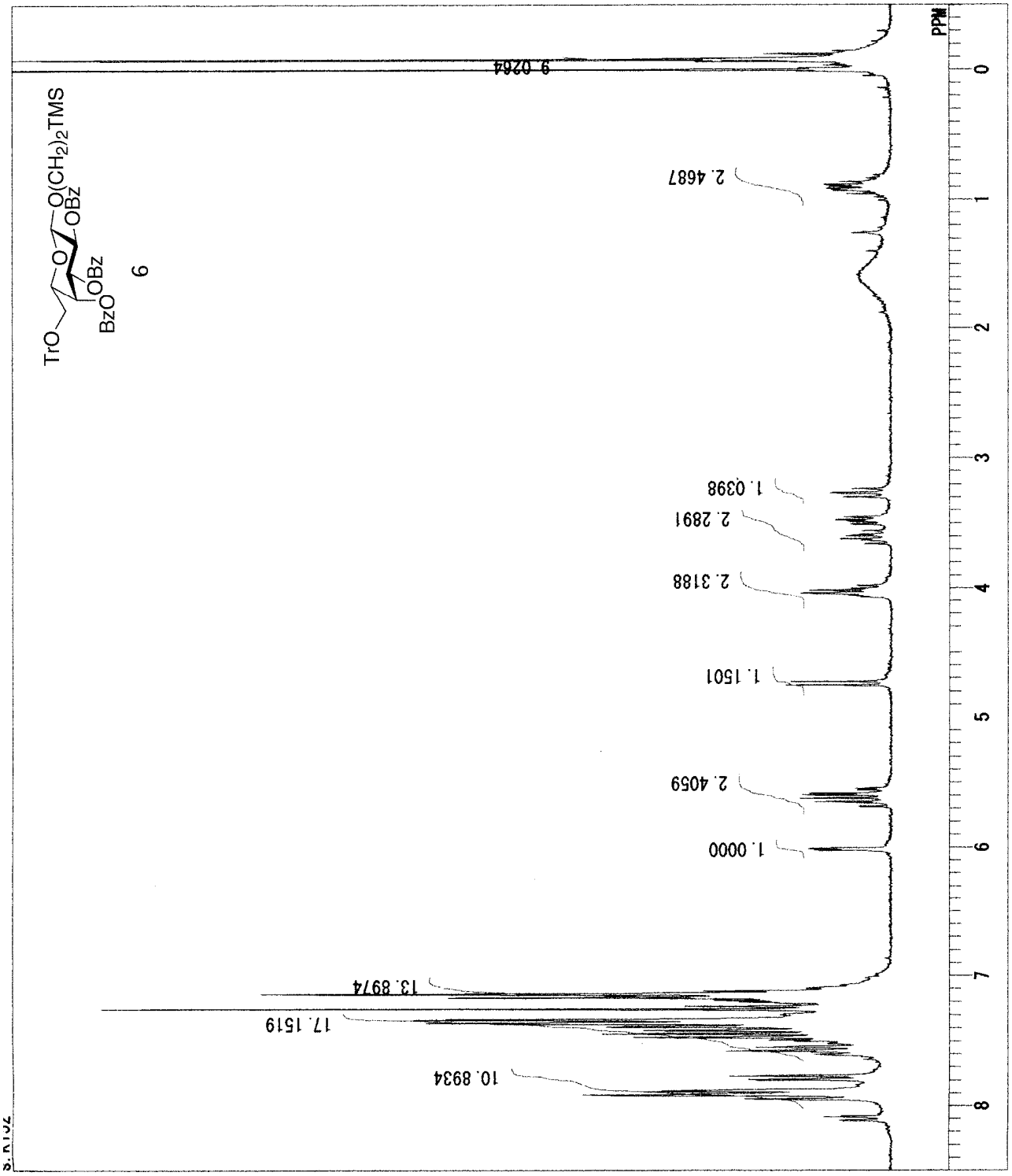
270 MHz ^{1}H NMR spectrum of **4**



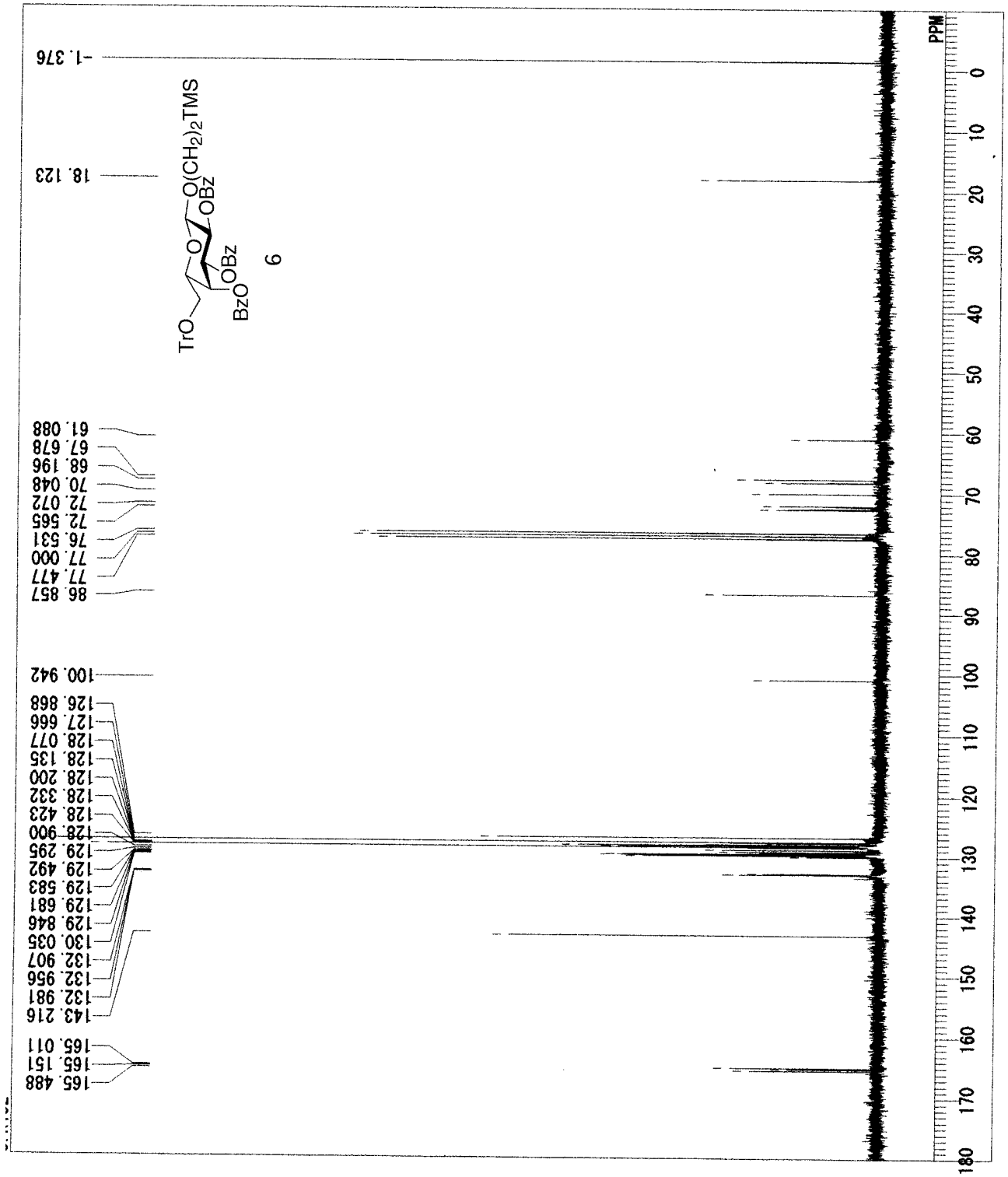
67.8 MHz ^{13}C NMR spectrum of **4**



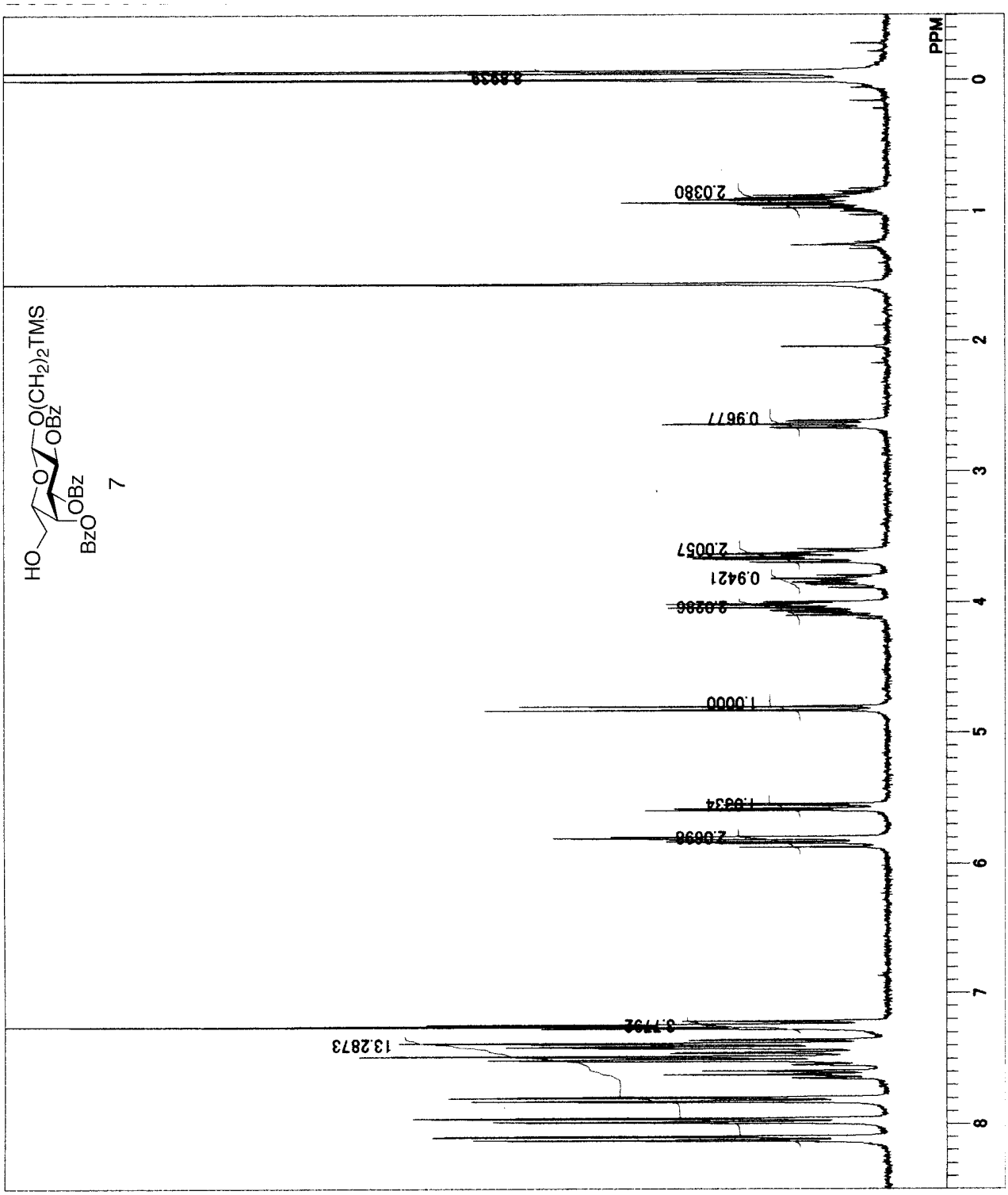
270 MHz ^{1}H NMR spectrum of **6**



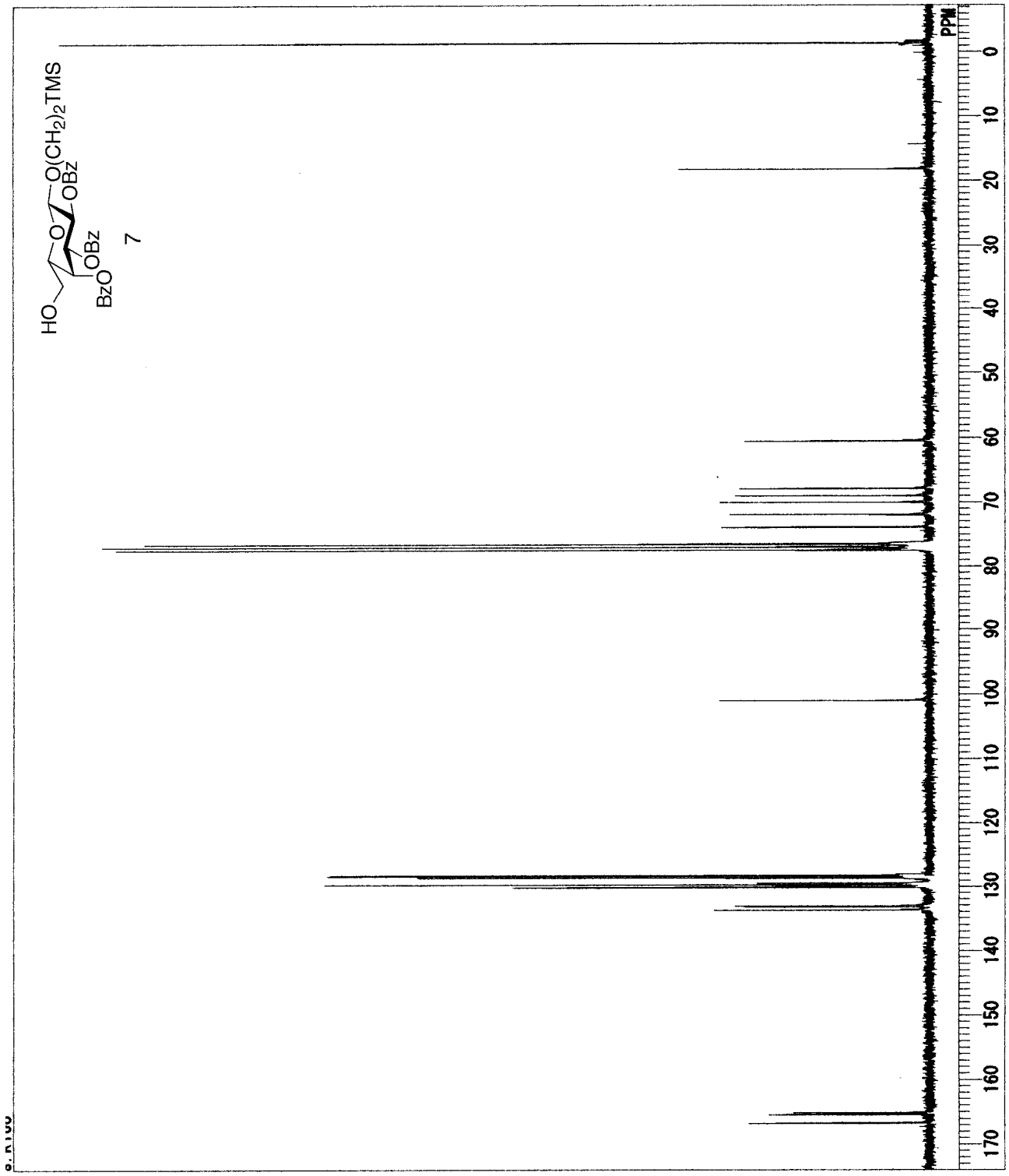
67.8 MHz ^{13}C NMR spectrum of **6**



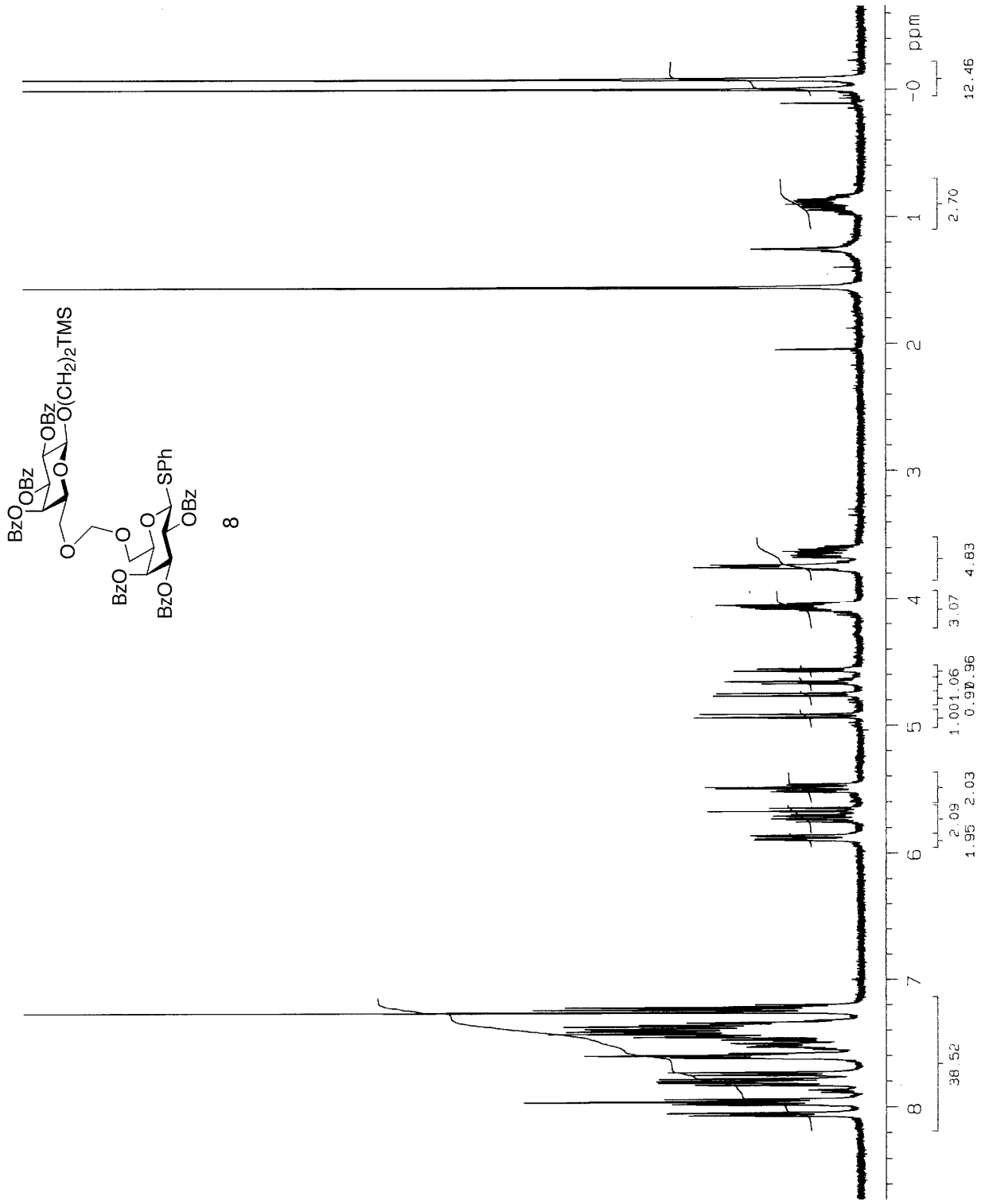
270 MHz ^{1}H NMR spectrum of **7**



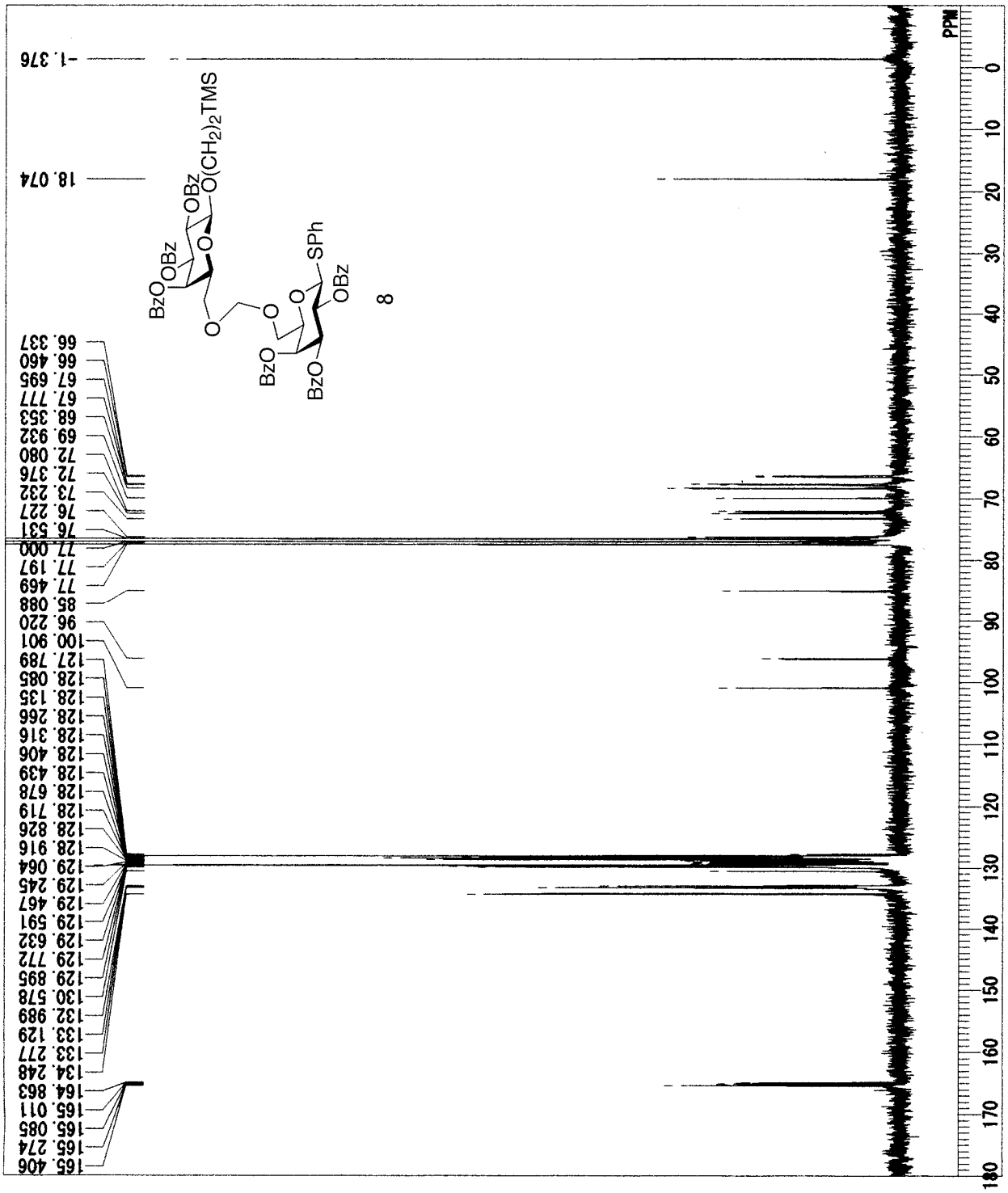
67.8 MHz ^{13}C NMR spectrum of **7**



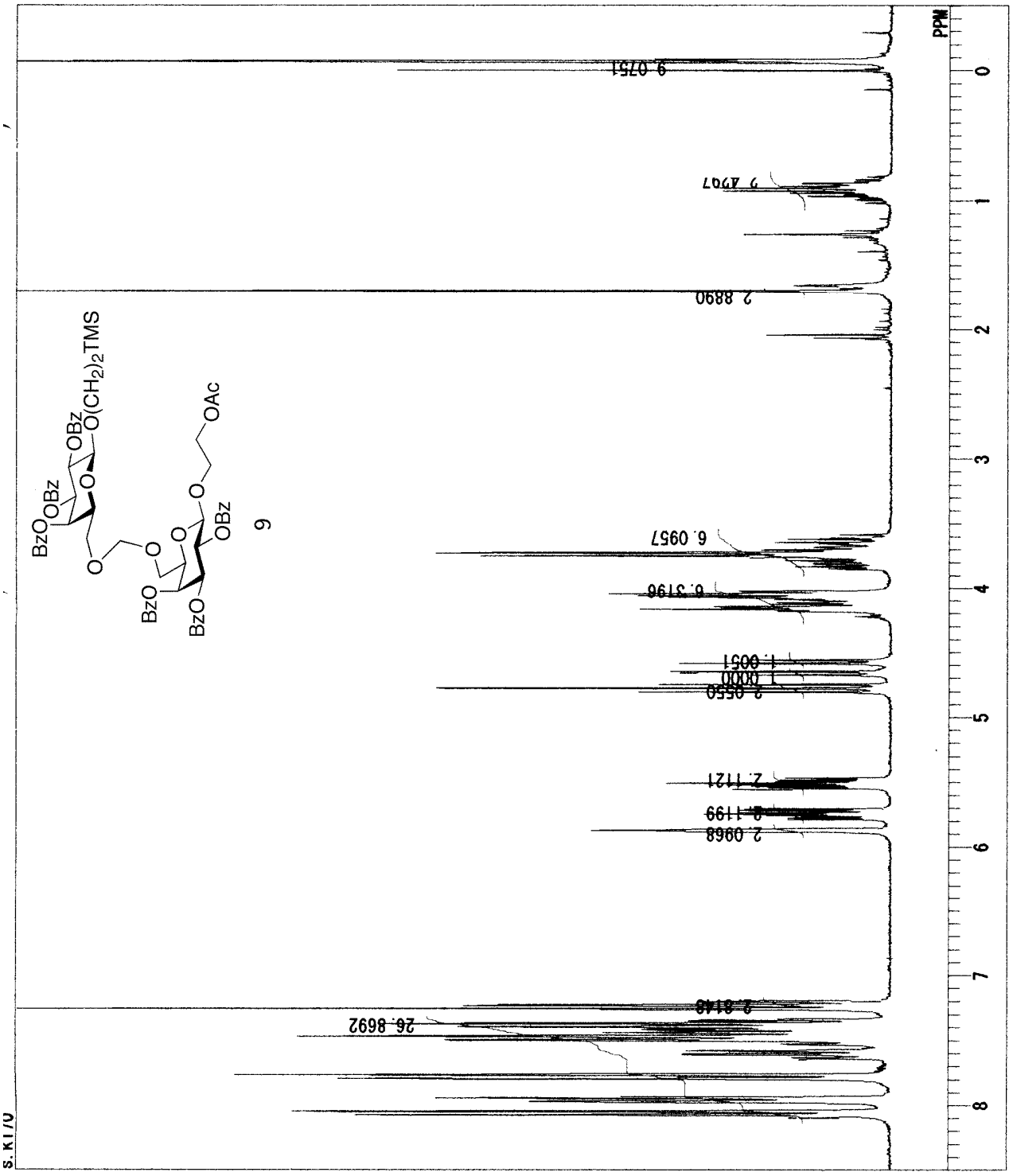
400 MHz ^{1}H NMR spectrum of **8**



67.8 MHz ^{13}C NMR spectrum of **8**



270 MHz ^{1}H NMR spectrum of **9**



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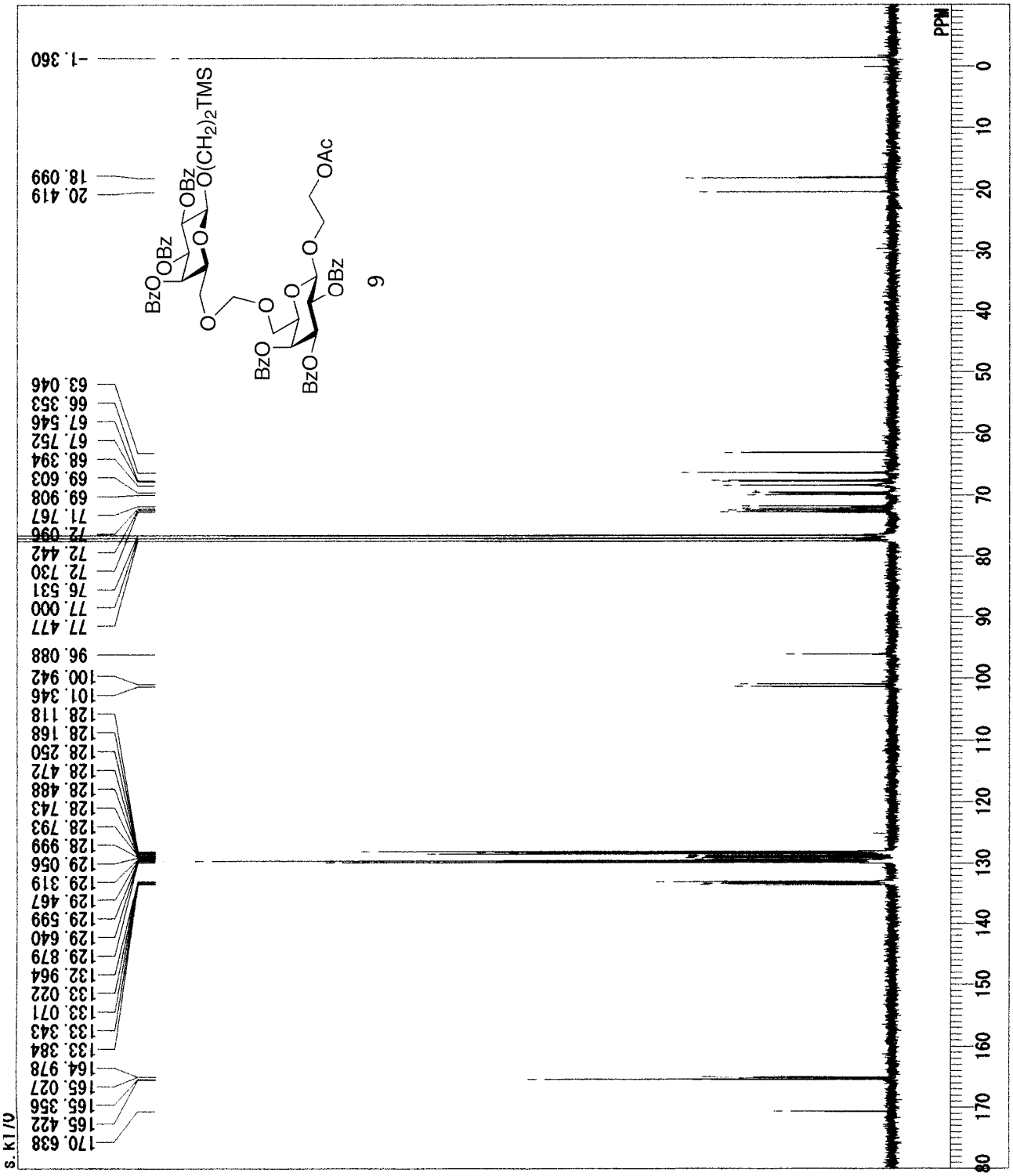

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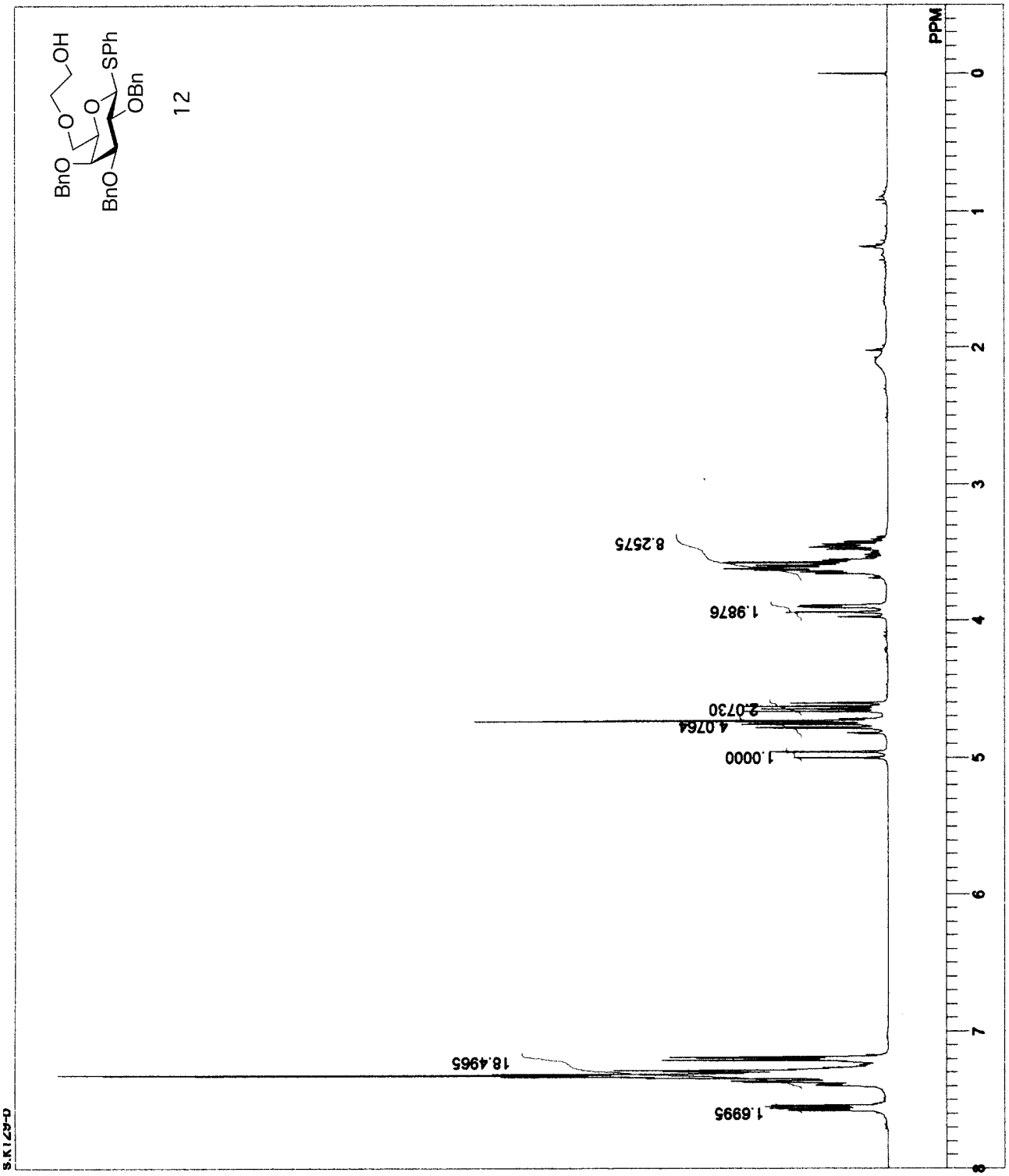

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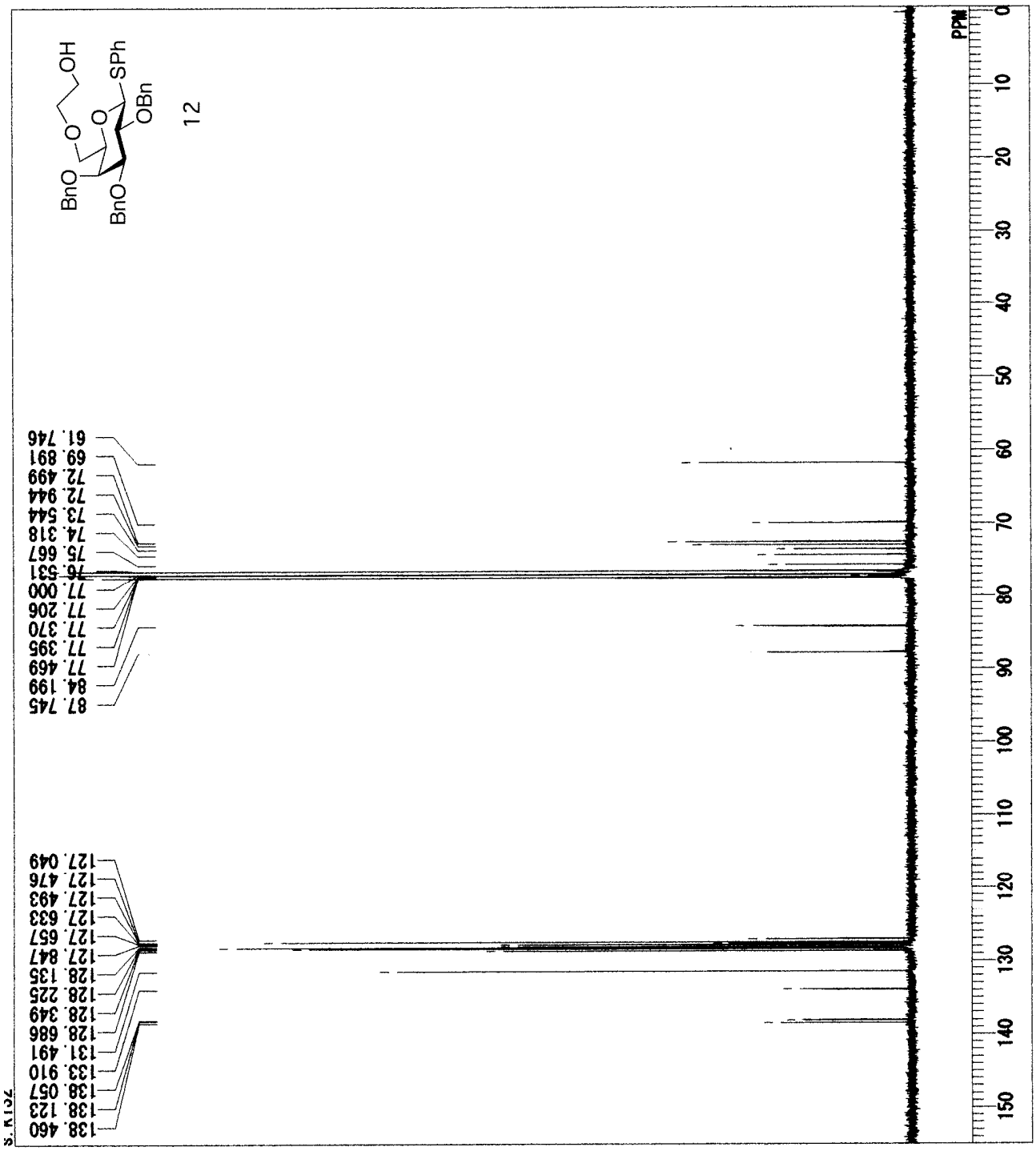

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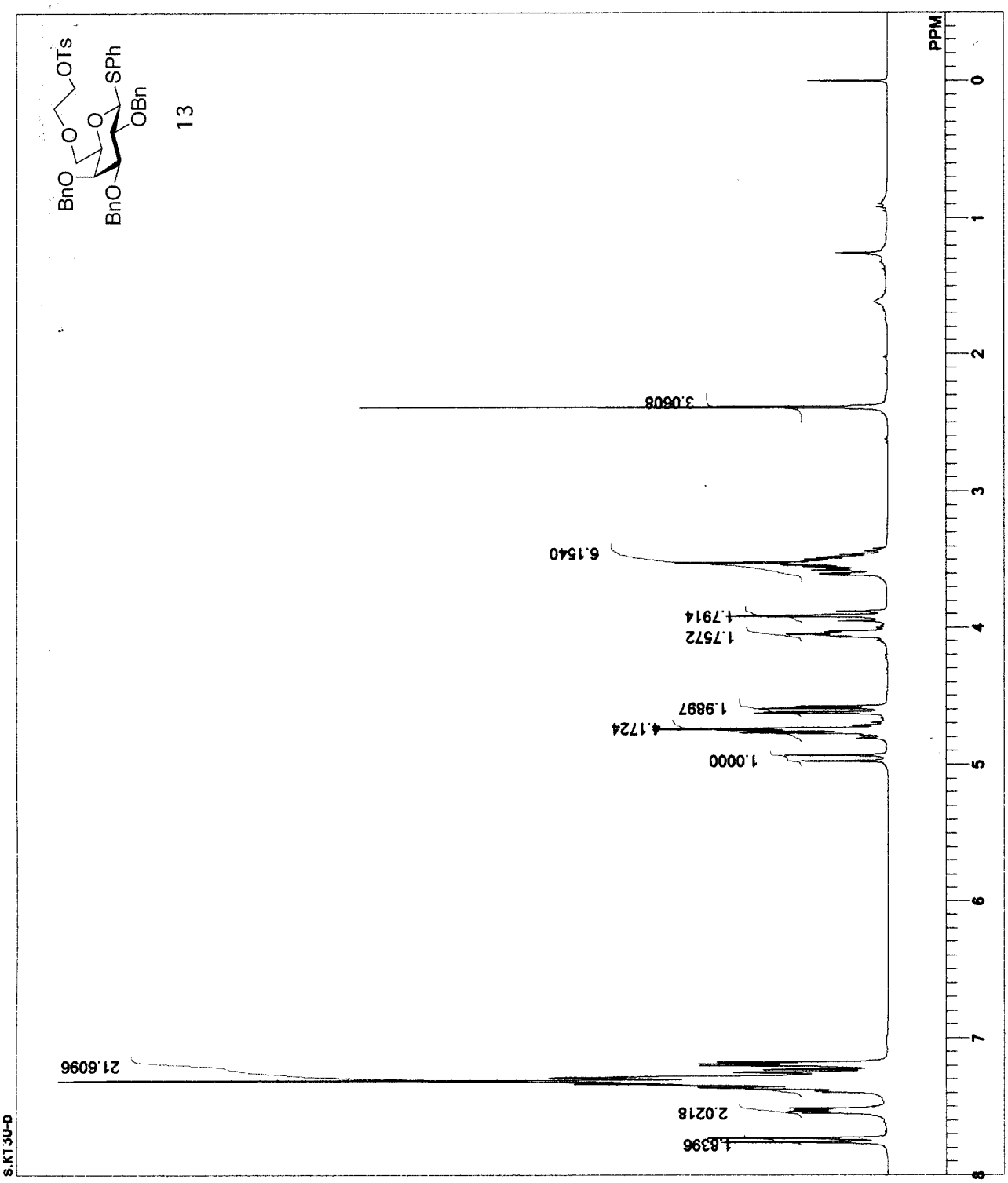
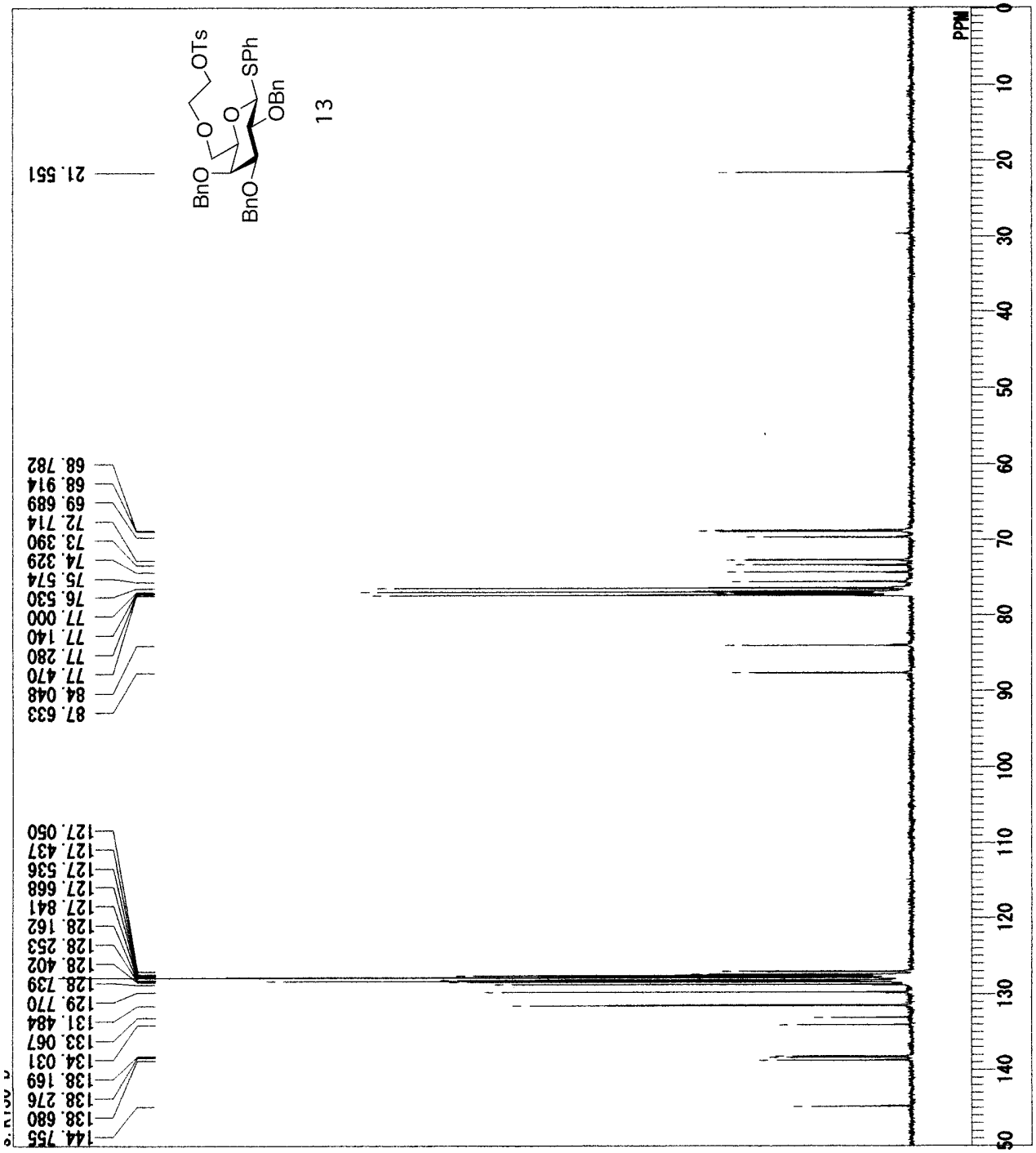


67.8 MHz ^{13}C NMR spectrum of **13**



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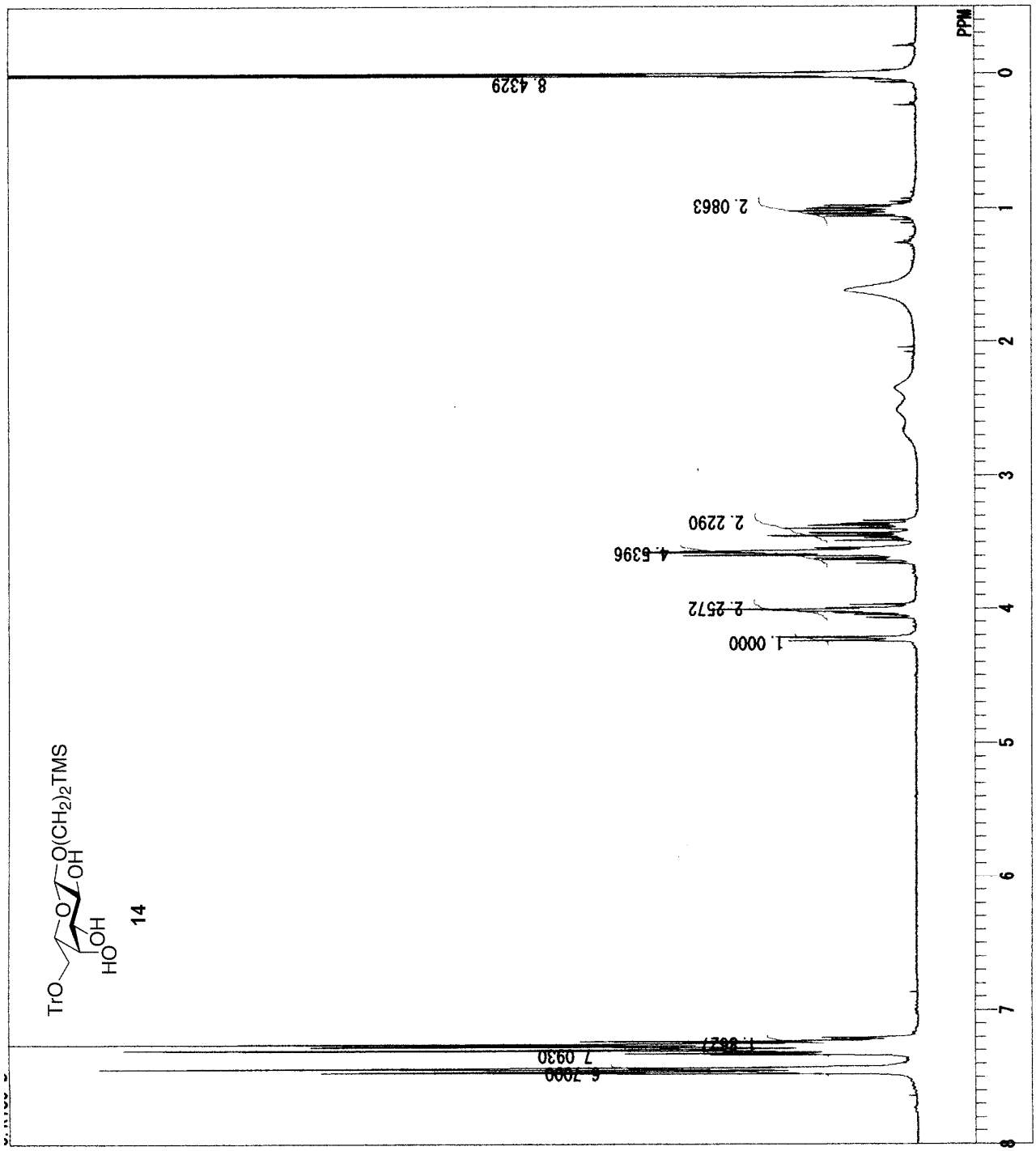
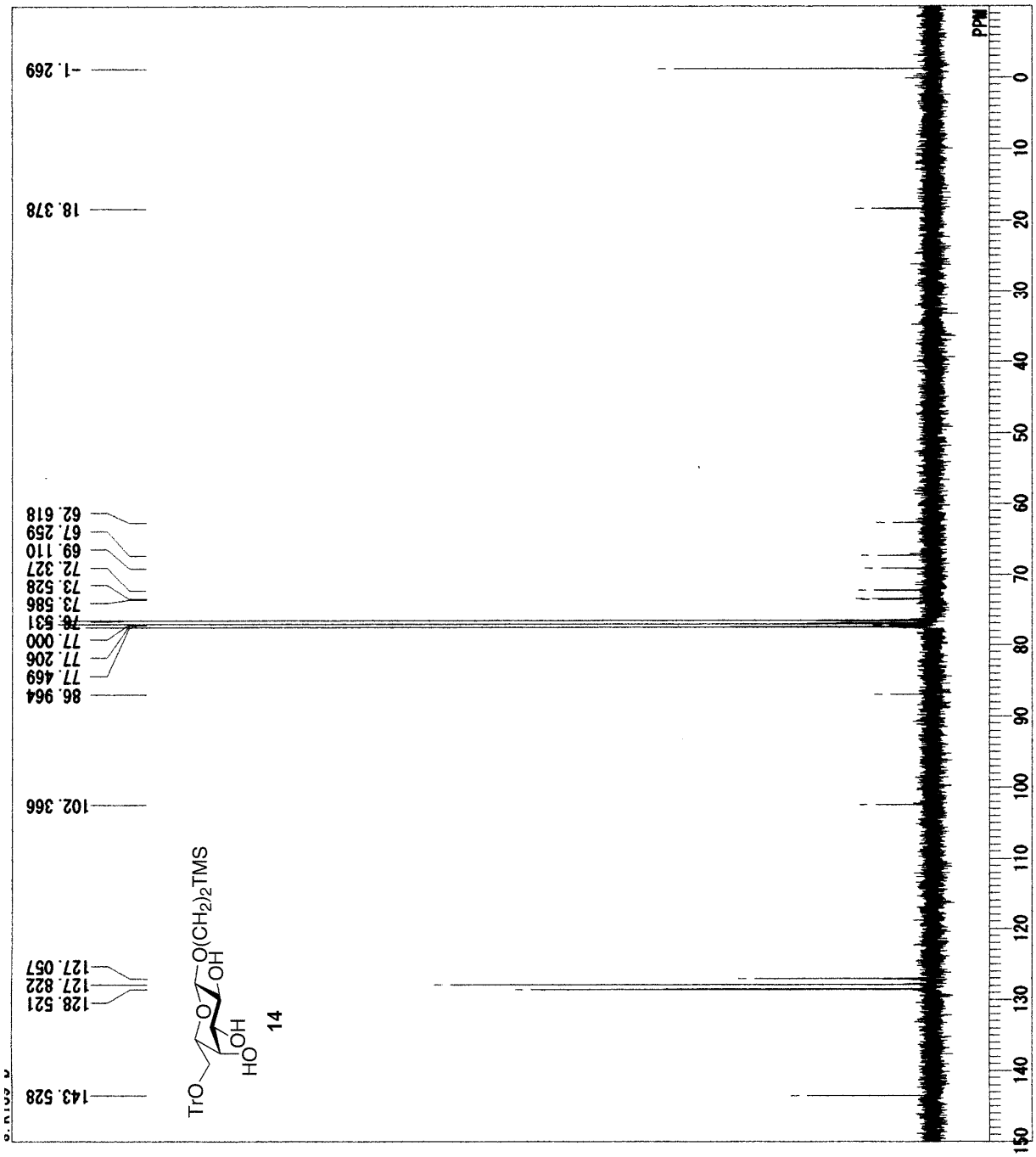


67.8 MHz ^{13}C NMR spectrum of **14**



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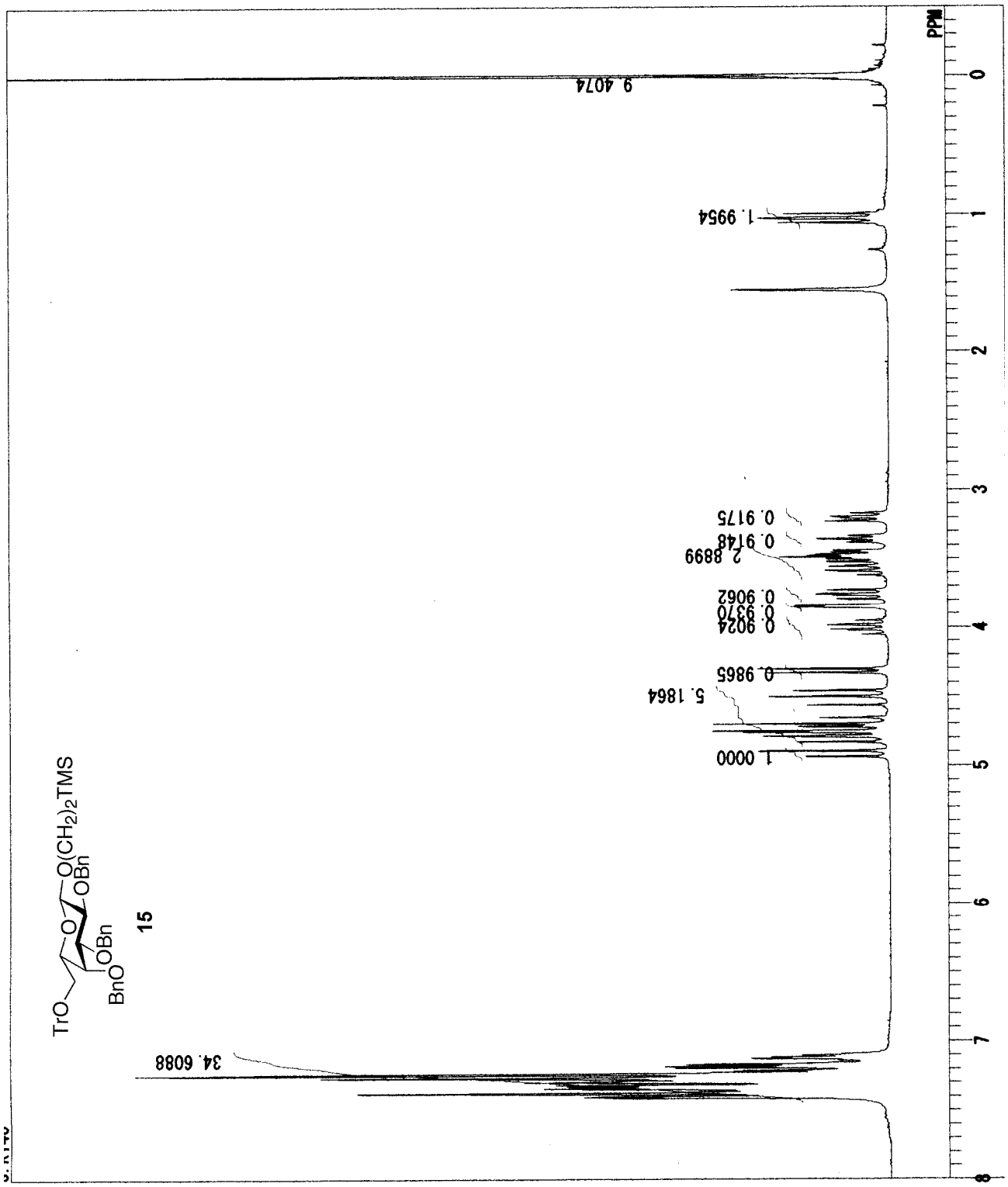
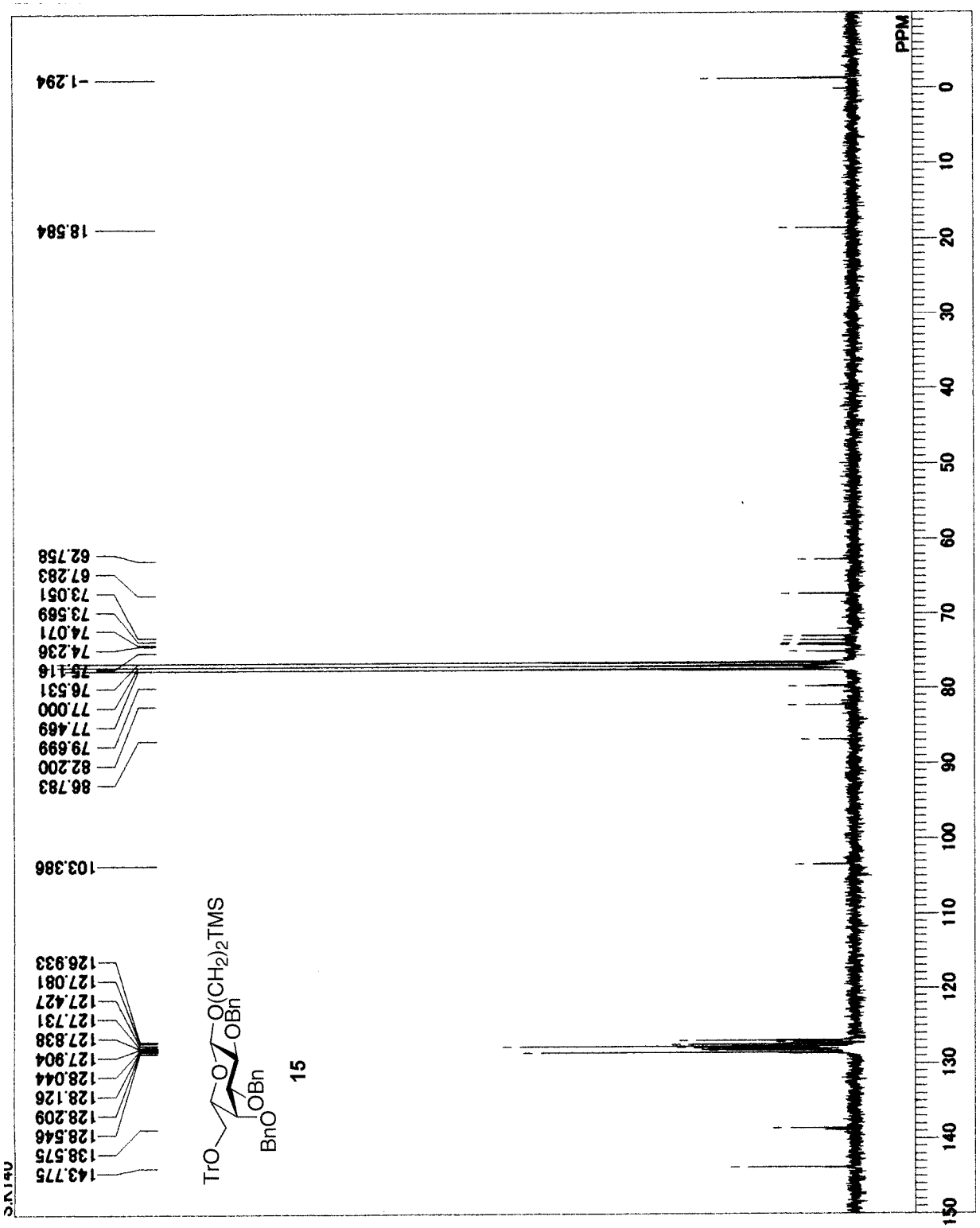


67.8 MHz ^{13}C NMR spectrum of **15**



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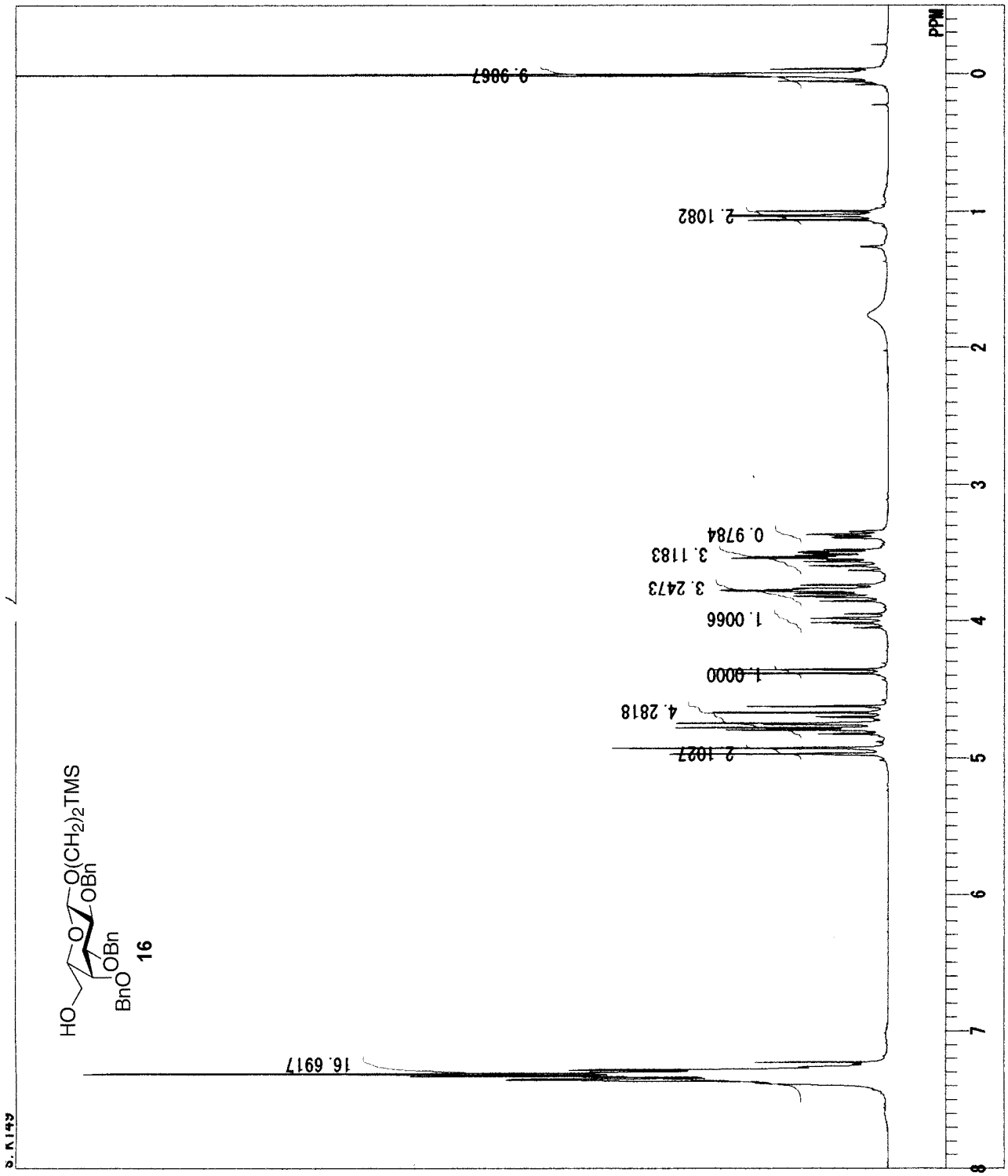

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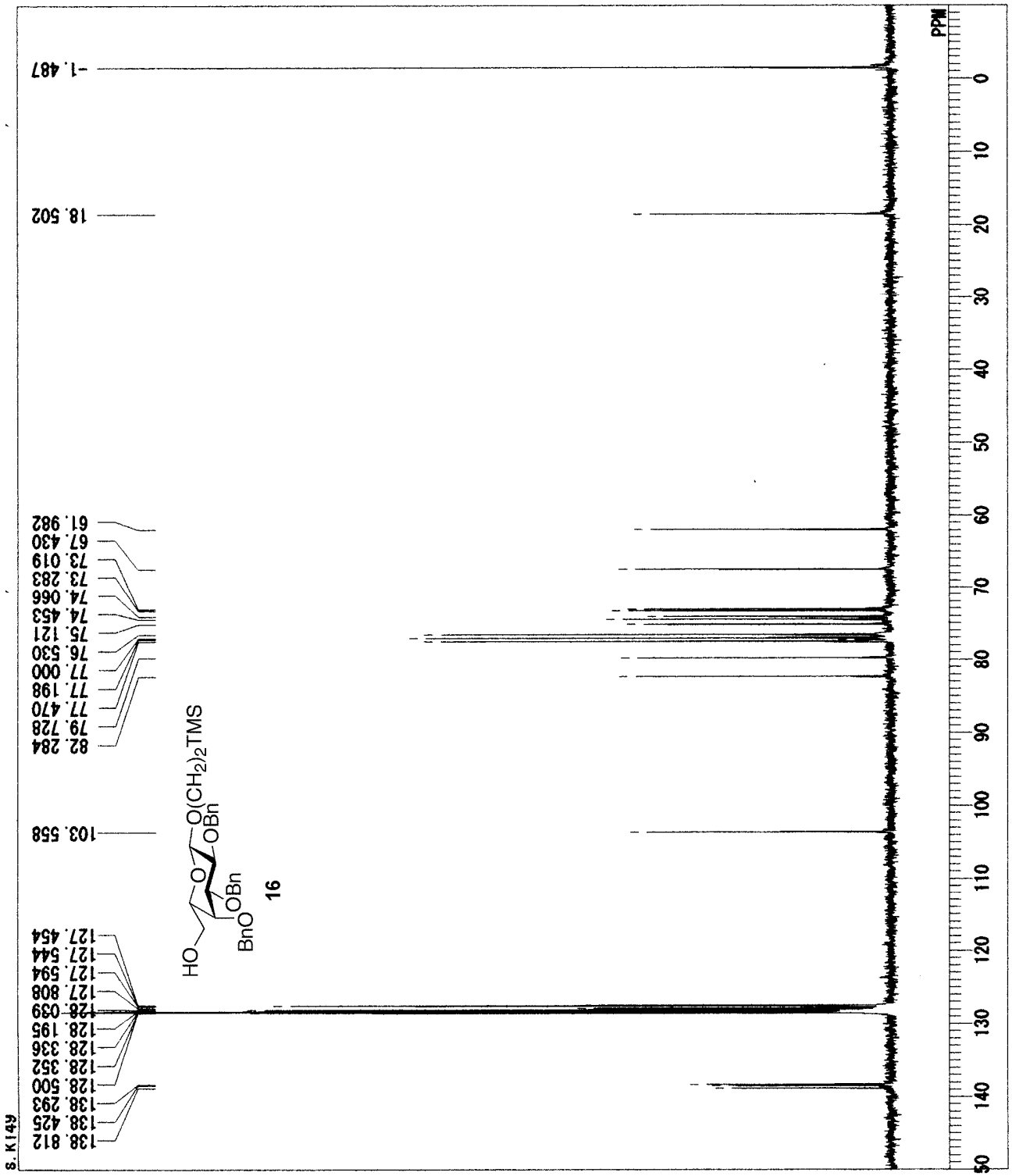
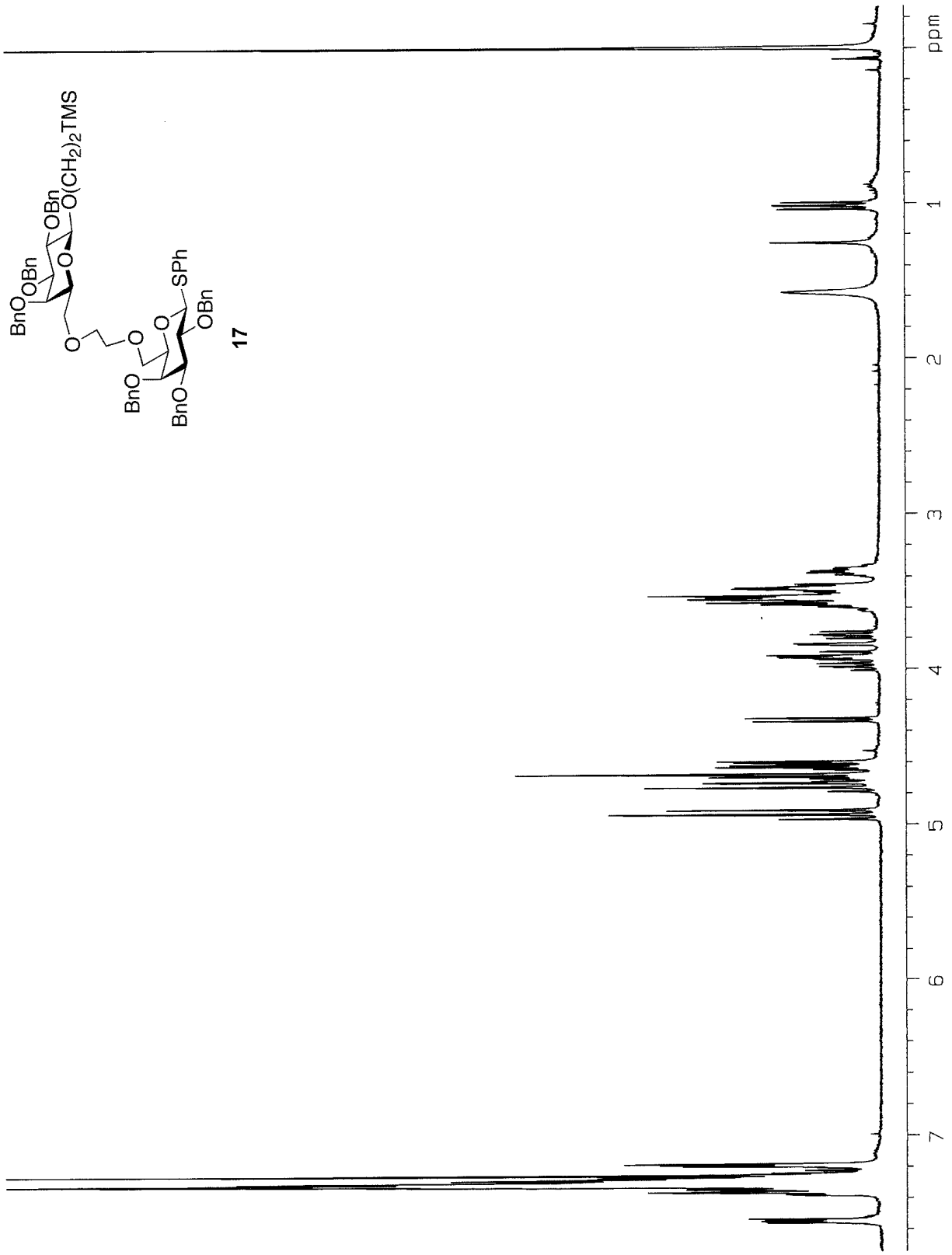


400 MHz ^{1}H NMR spectrum of **17**



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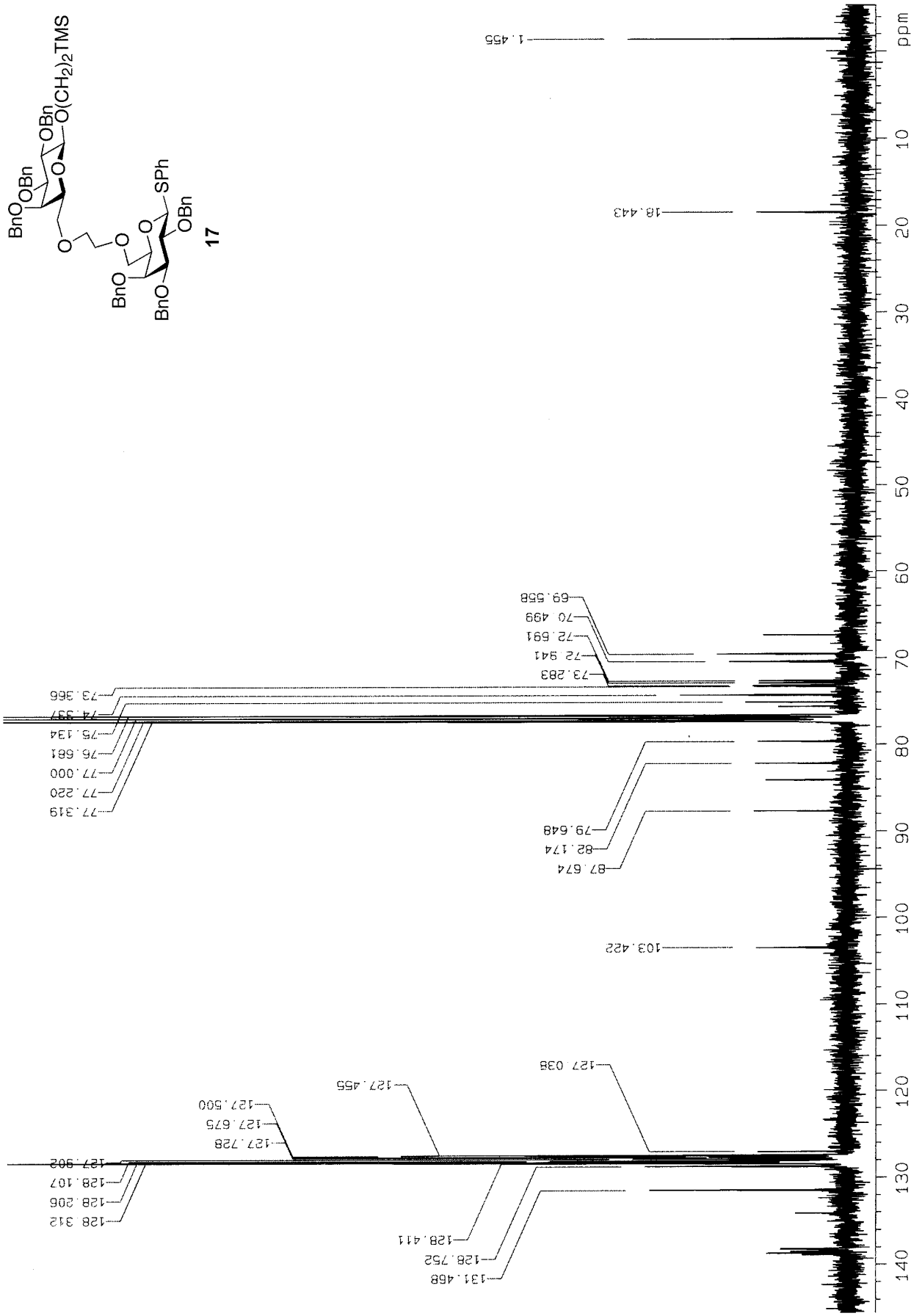
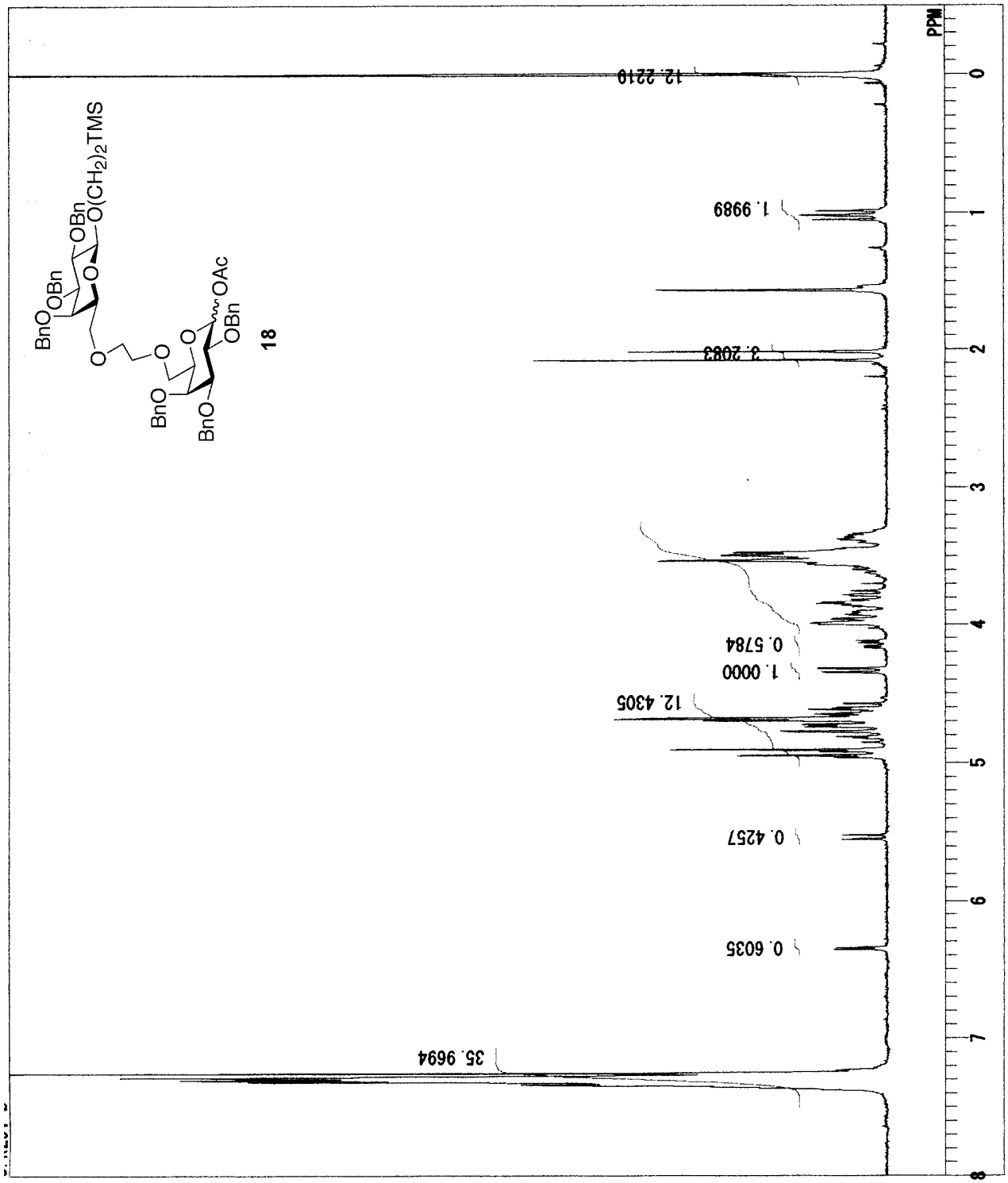


270 MHz ^{1}H NMR spectrum of **18**



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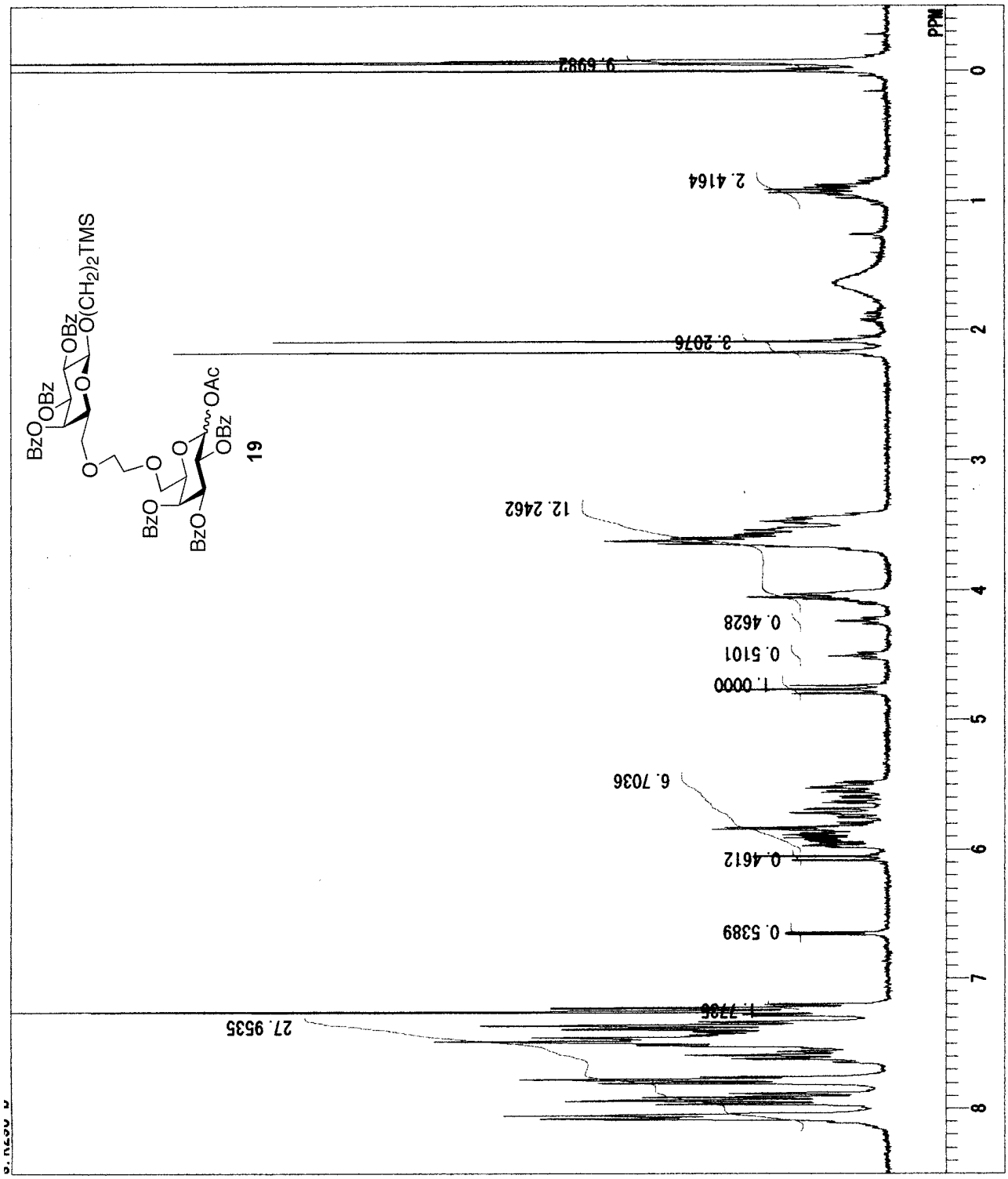

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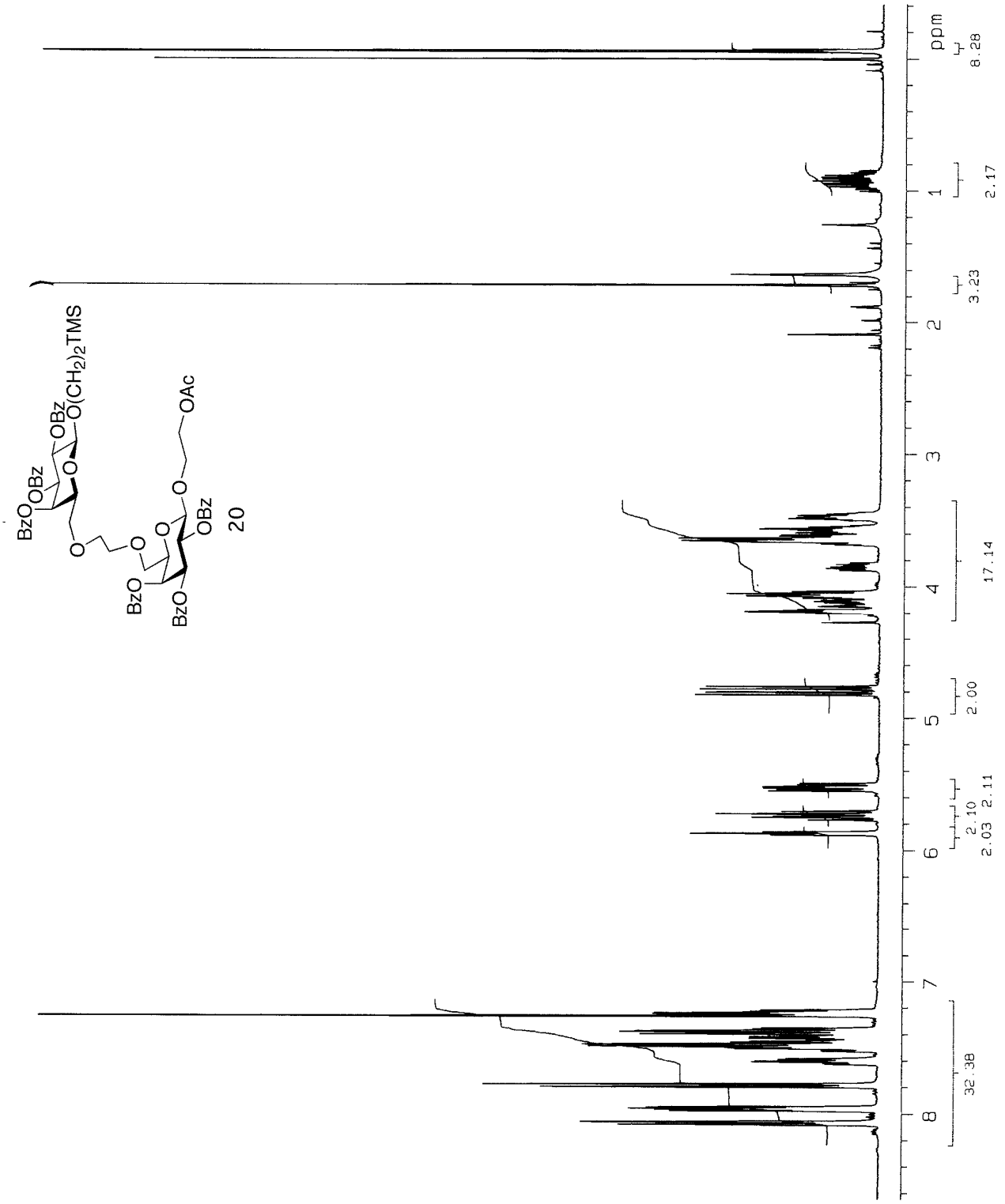
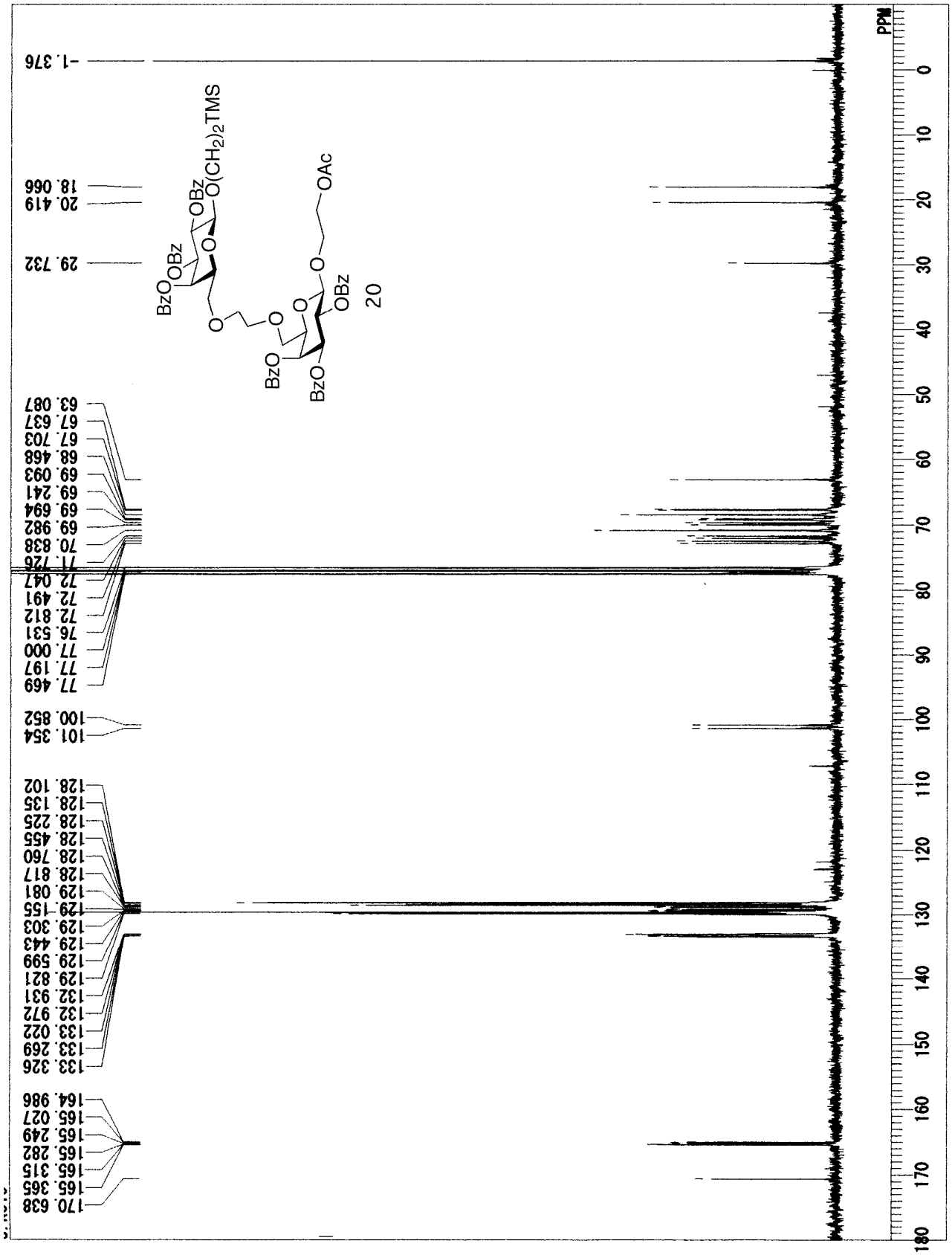
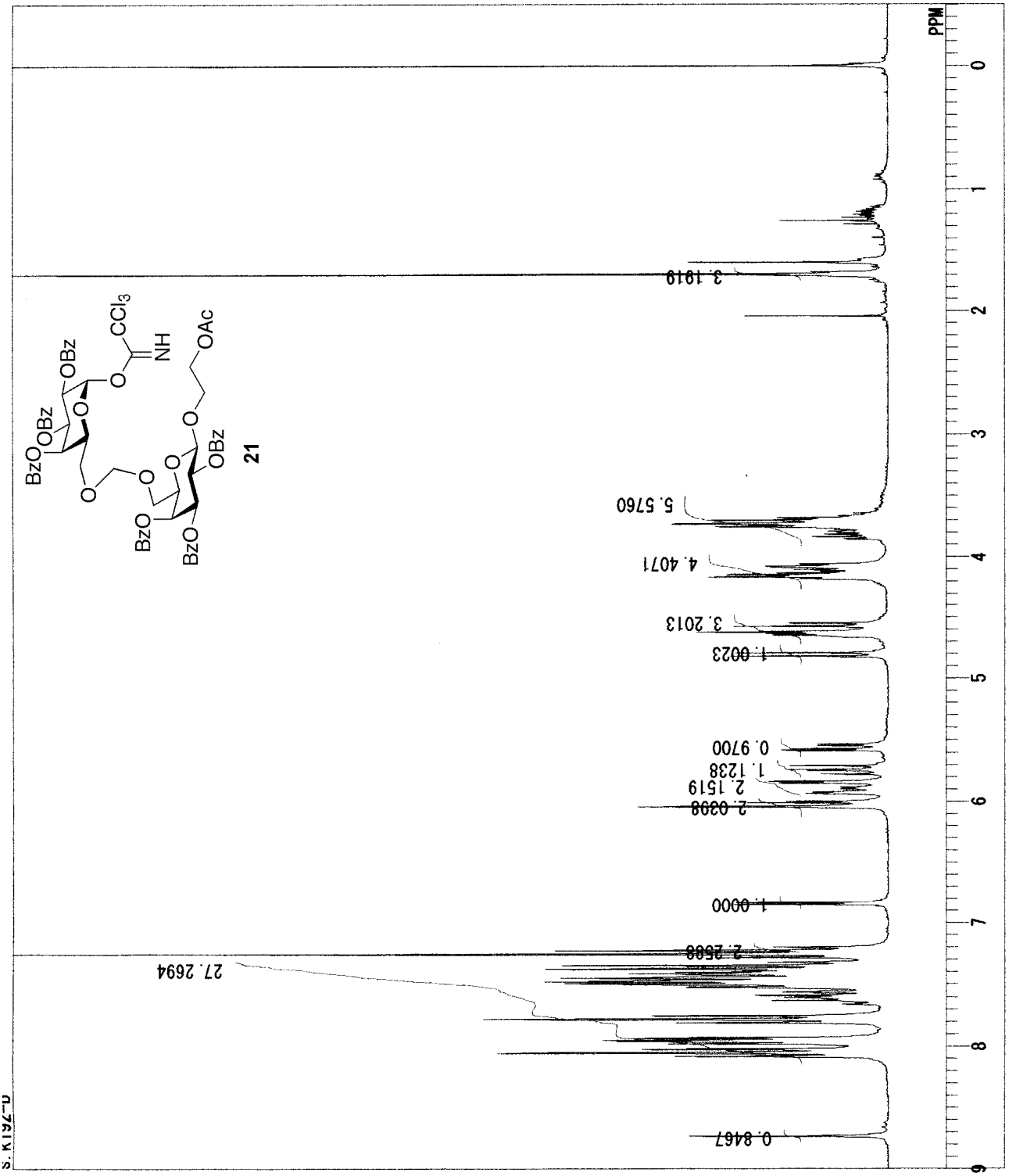


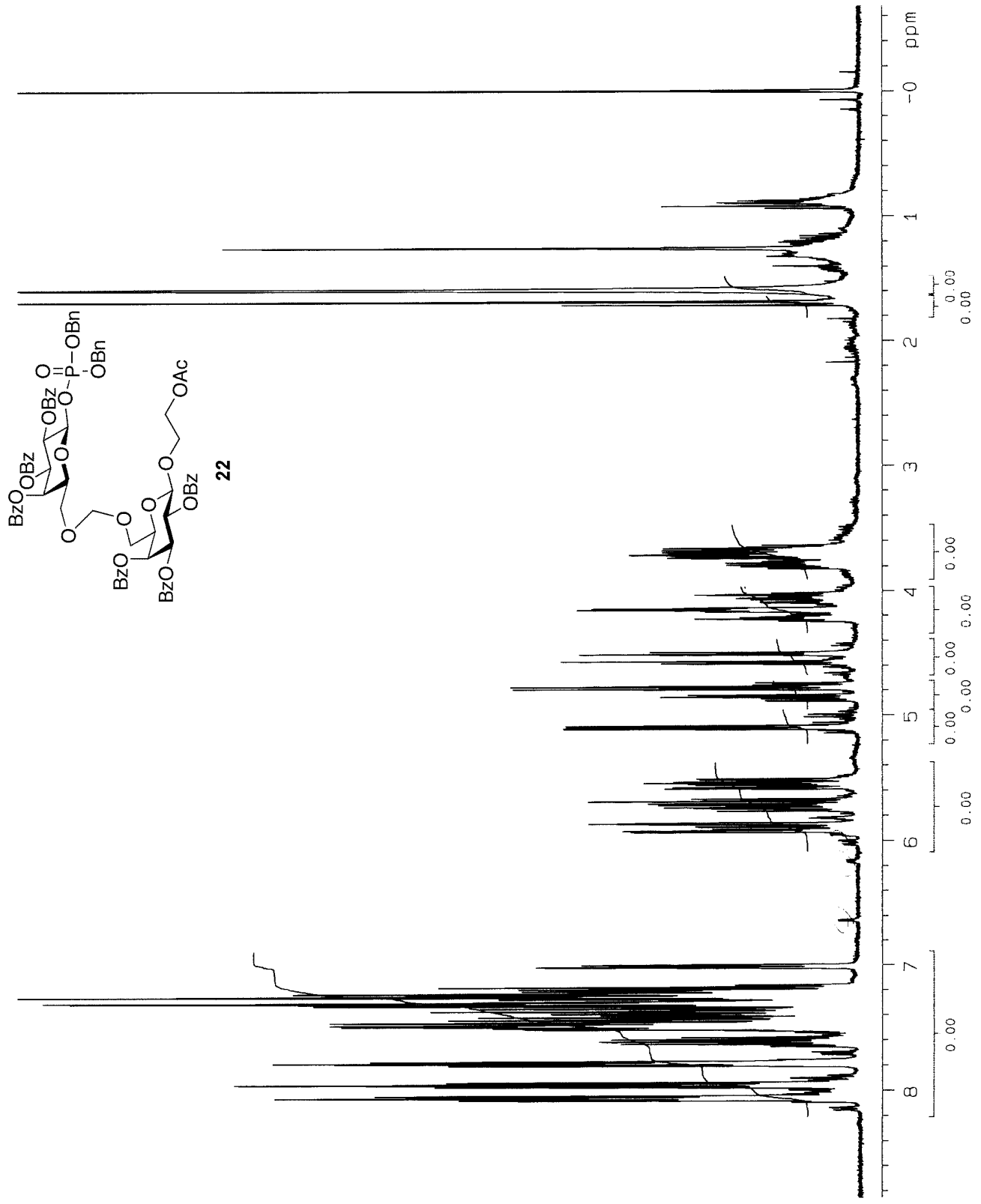
67.8 MHz ^{13}C NMR spectrum of **20**



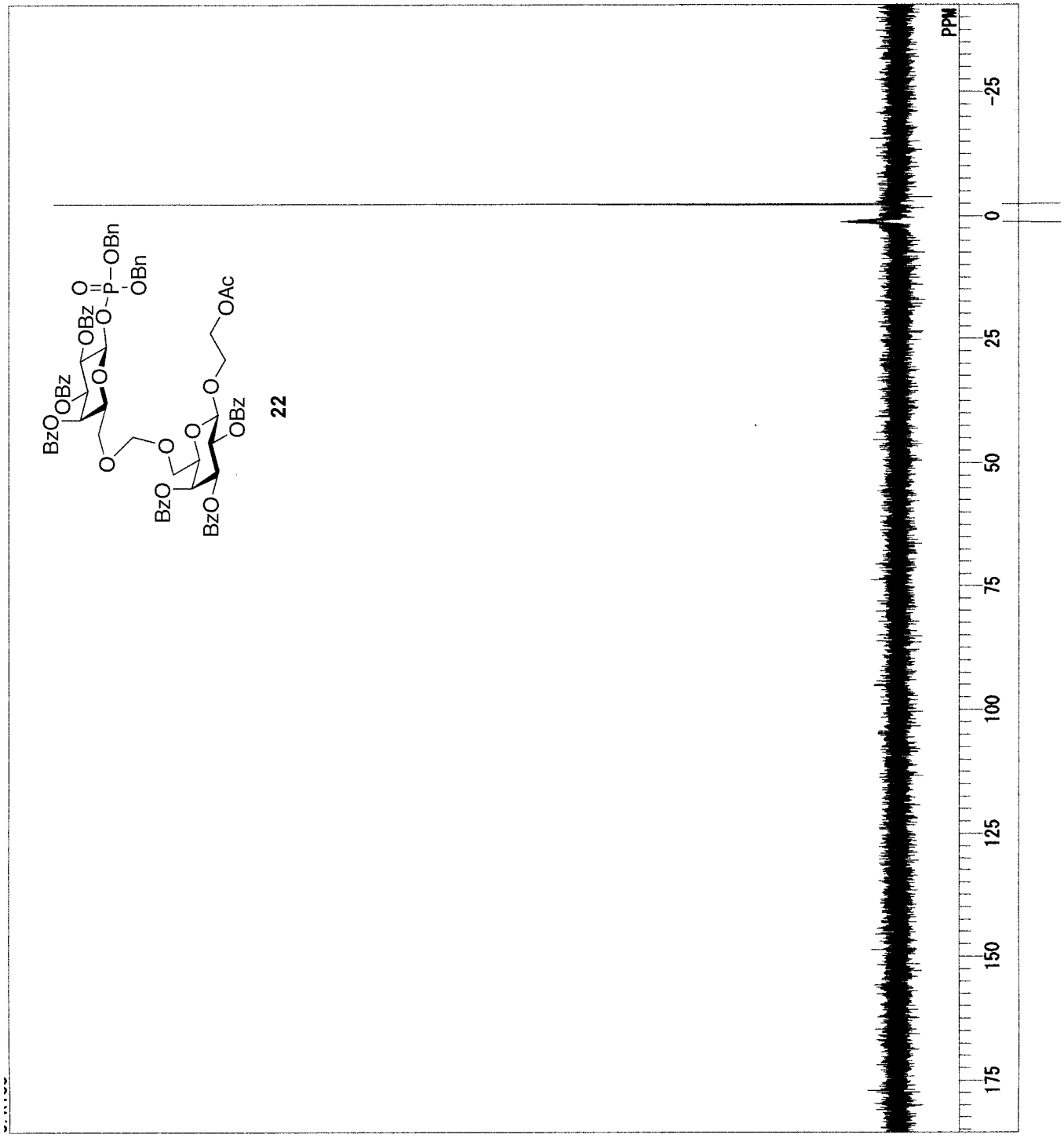
270 MHz ^{1}H NMR spectrum of **21**



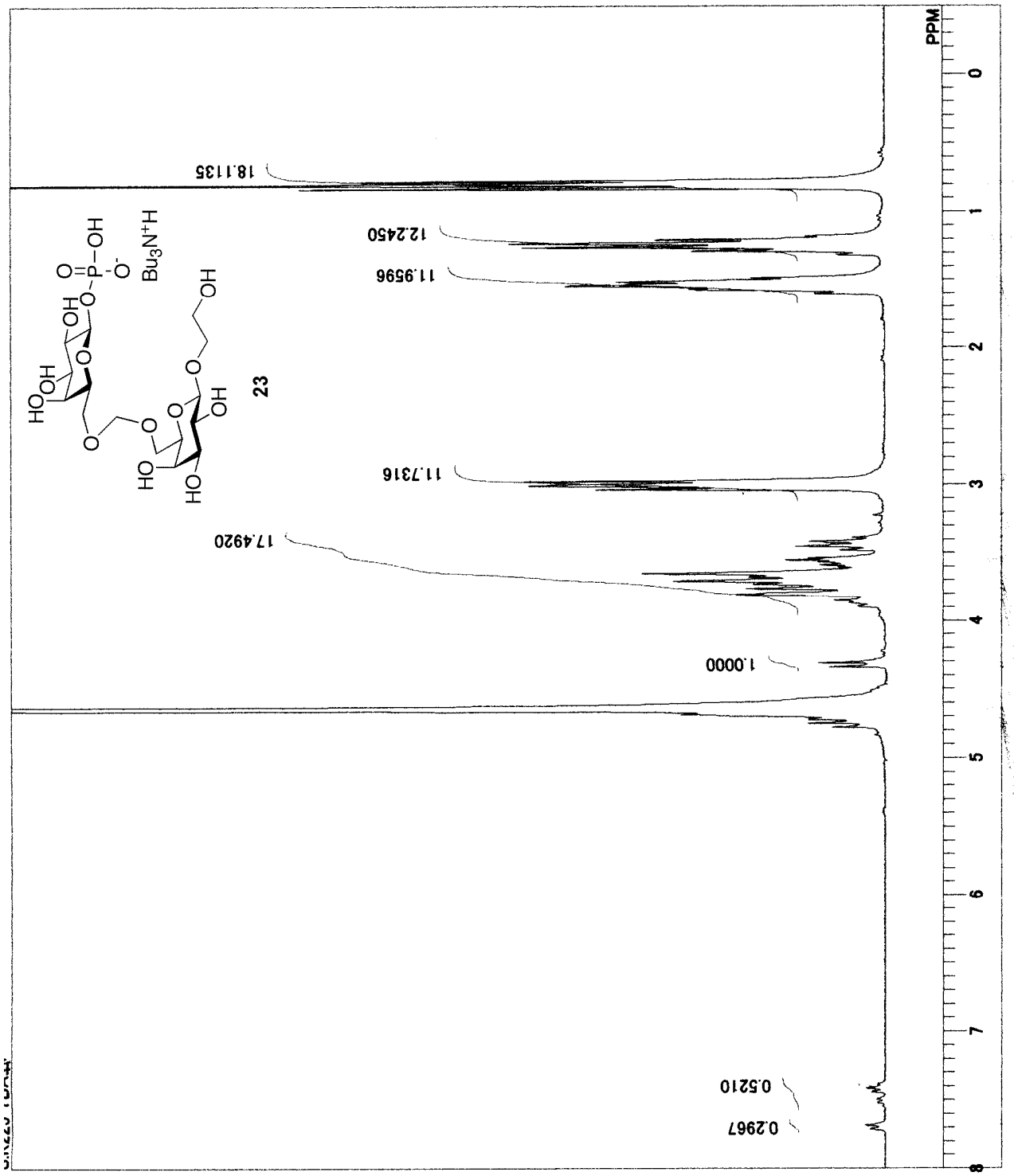
400 MHz ^{1}H NMR spectrum of **22**



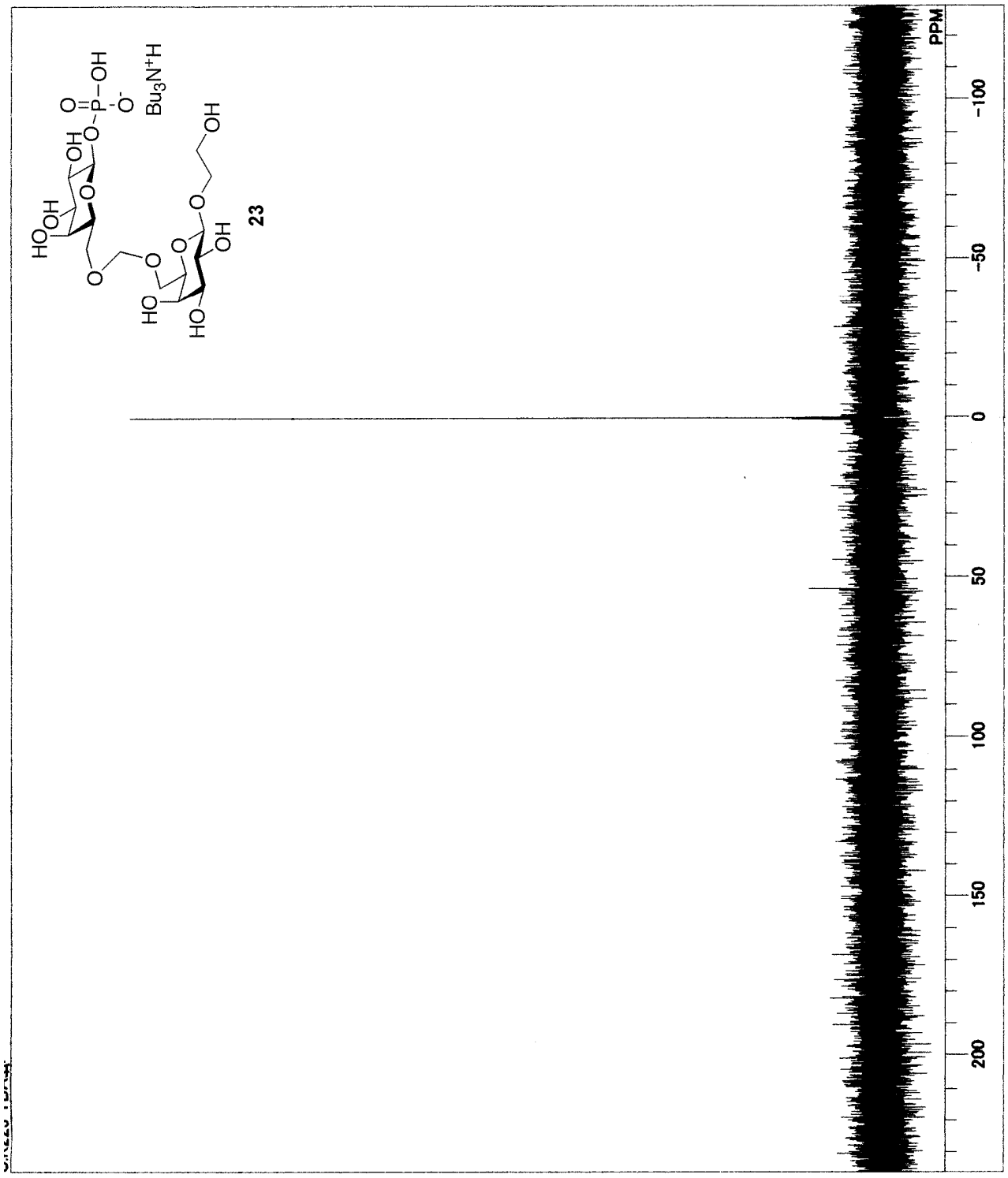
109 MHz ^{31}P NMR spectrum of **22**



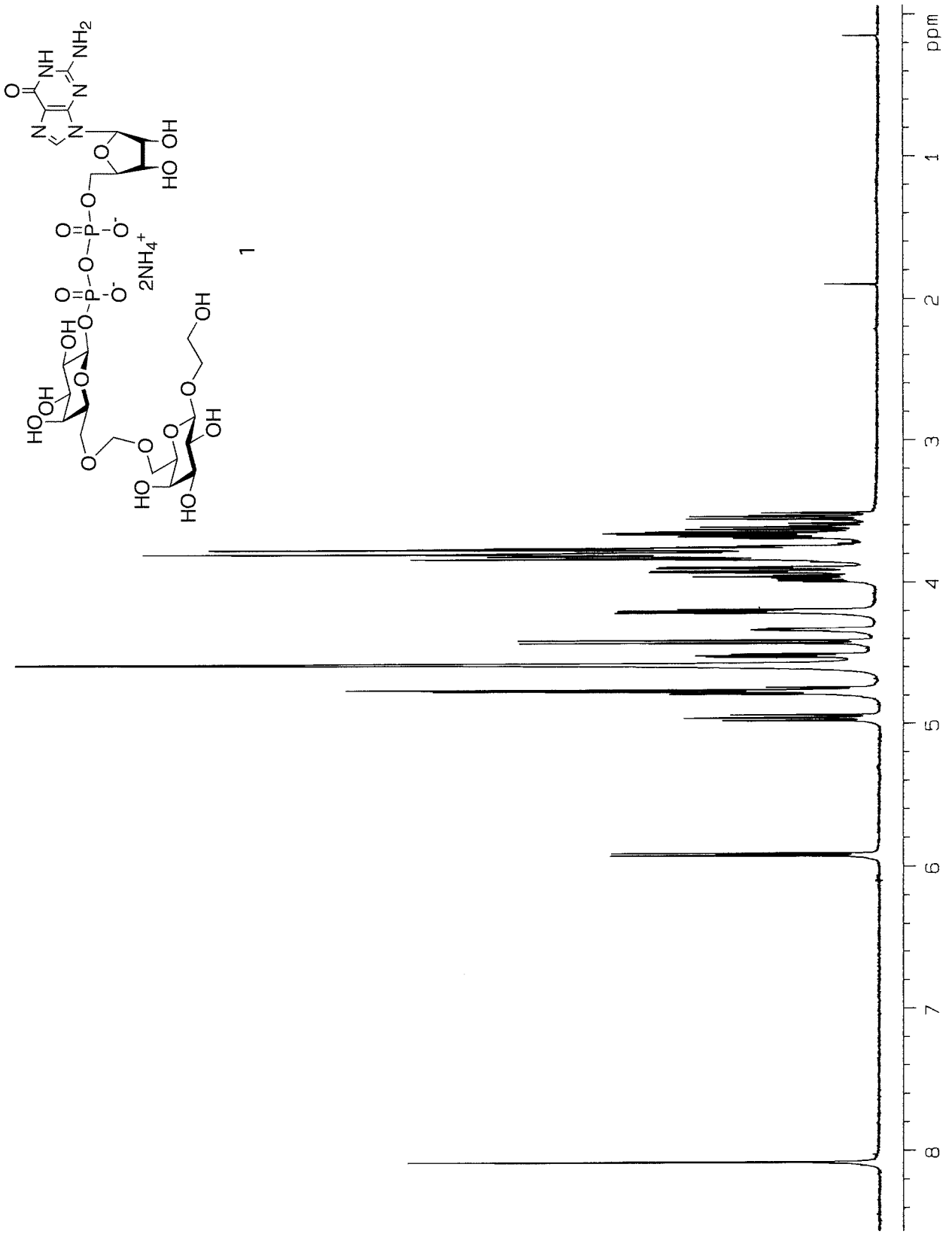
270 MHz ^{1}H NMR spectrum of **23**



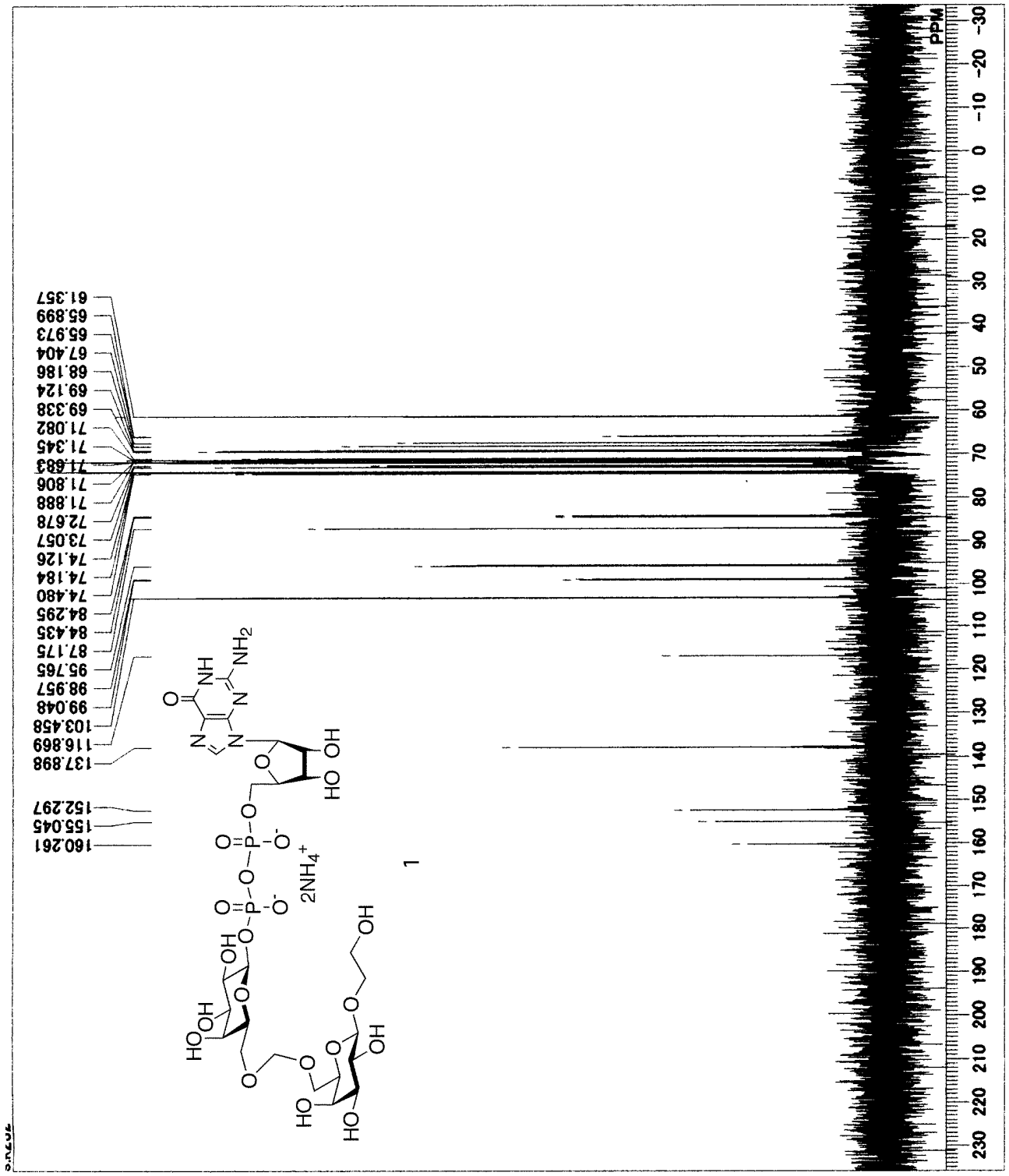
109 MHz ^{31}P NMR spectrum of **23**



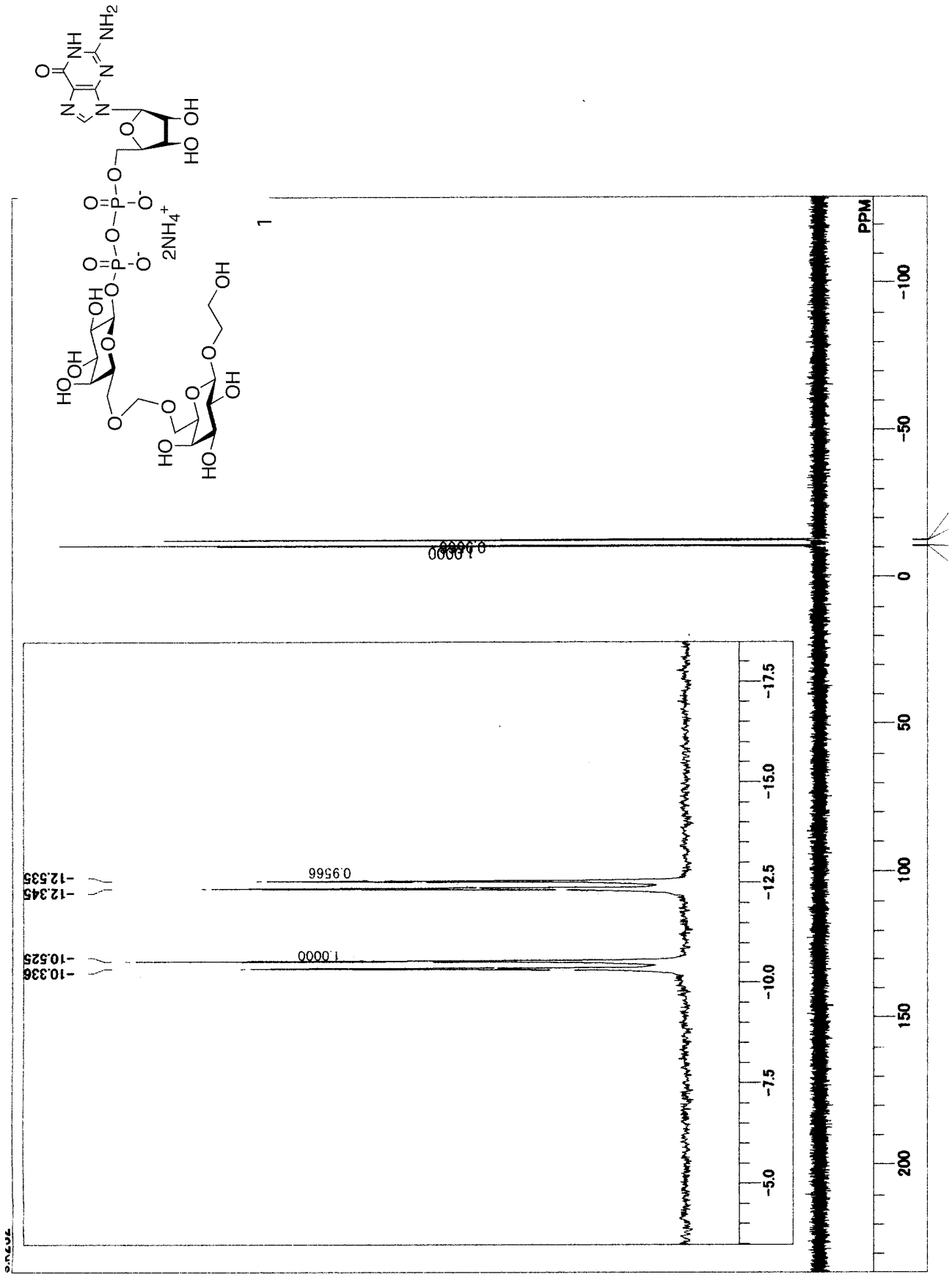
400 MHz ^{1}H NMR spectrum of **1**



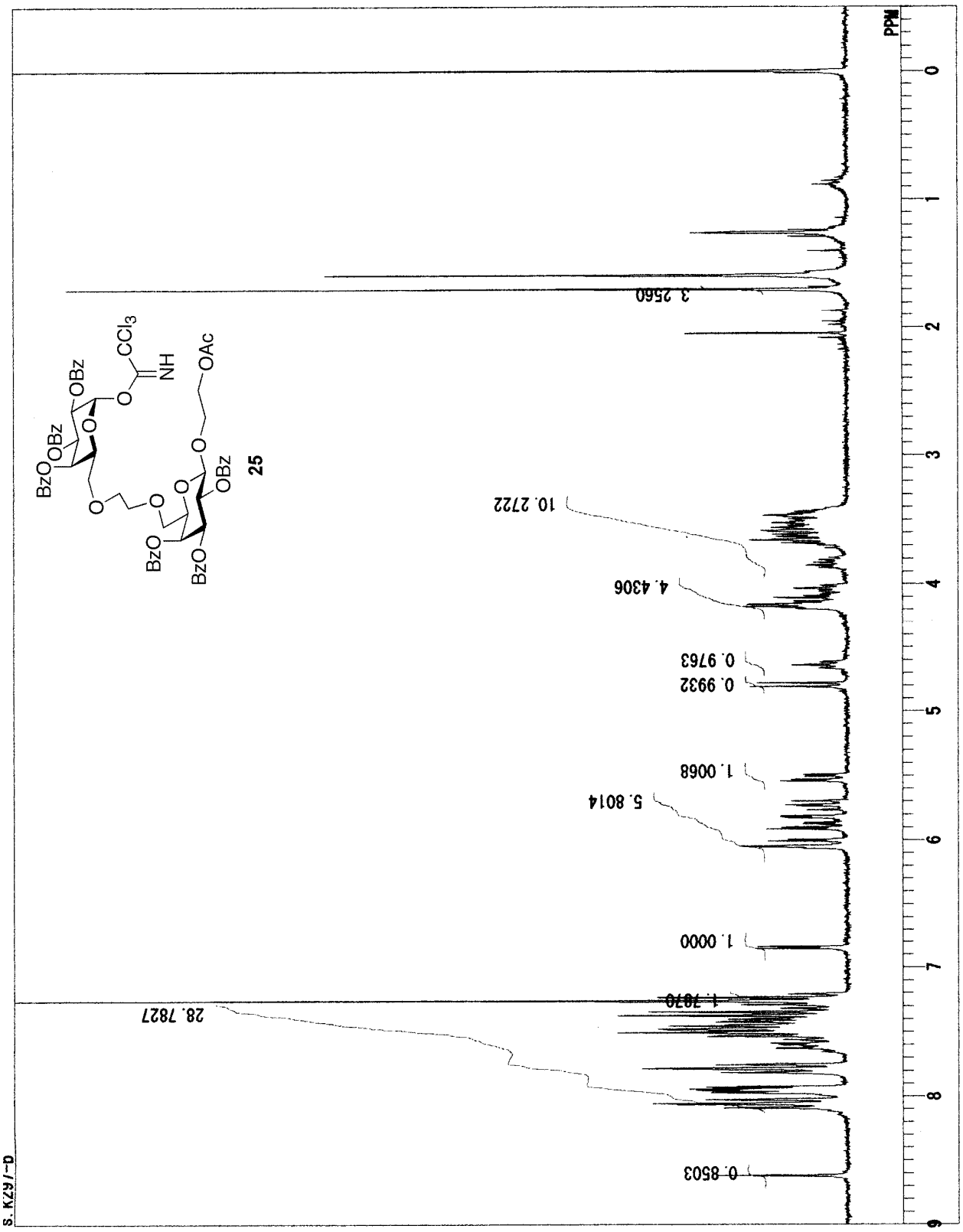
67.8 MHz ^{13}CNMR spectrum of **1**



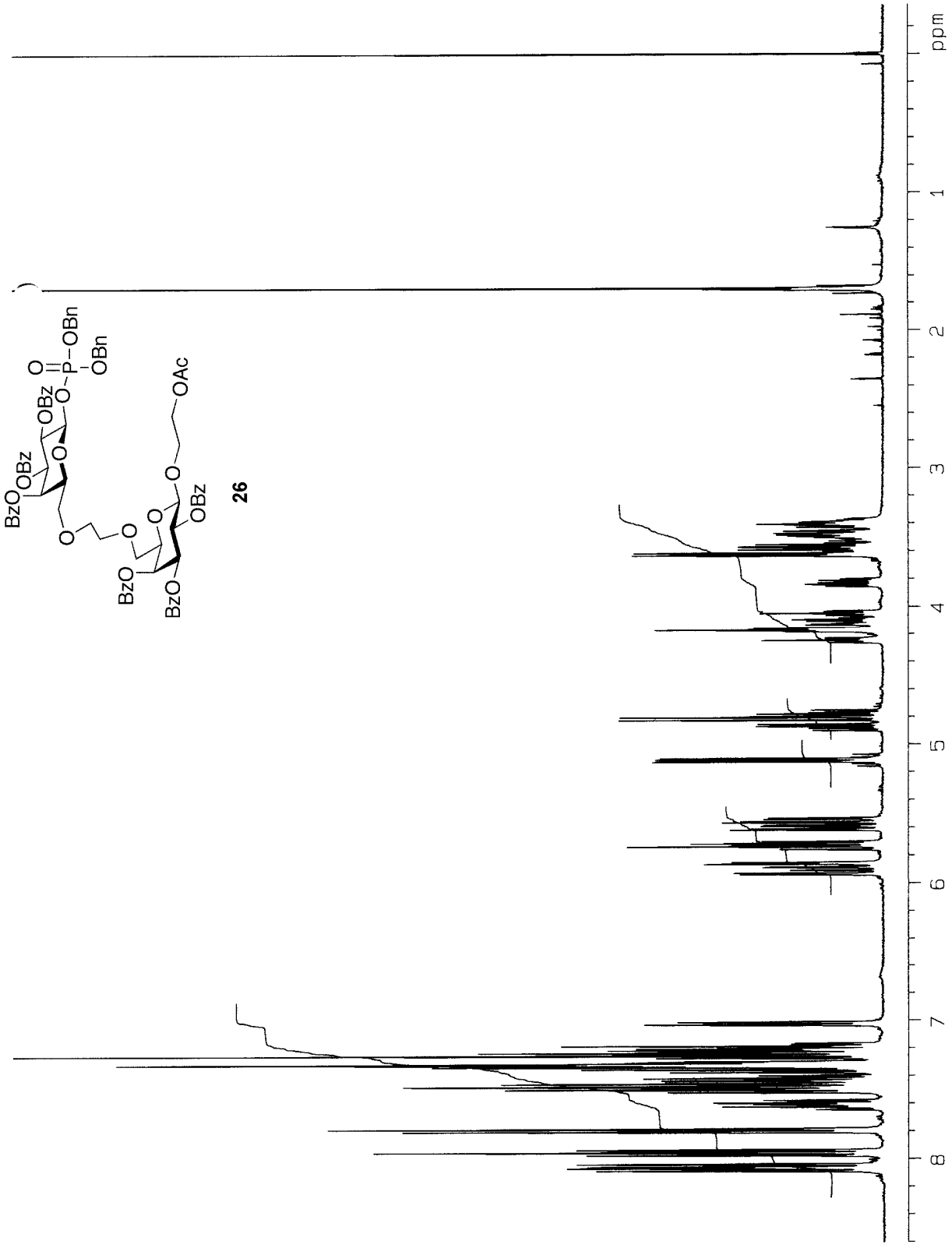
109 MHz ^{31}P NMR spectrum of **1**



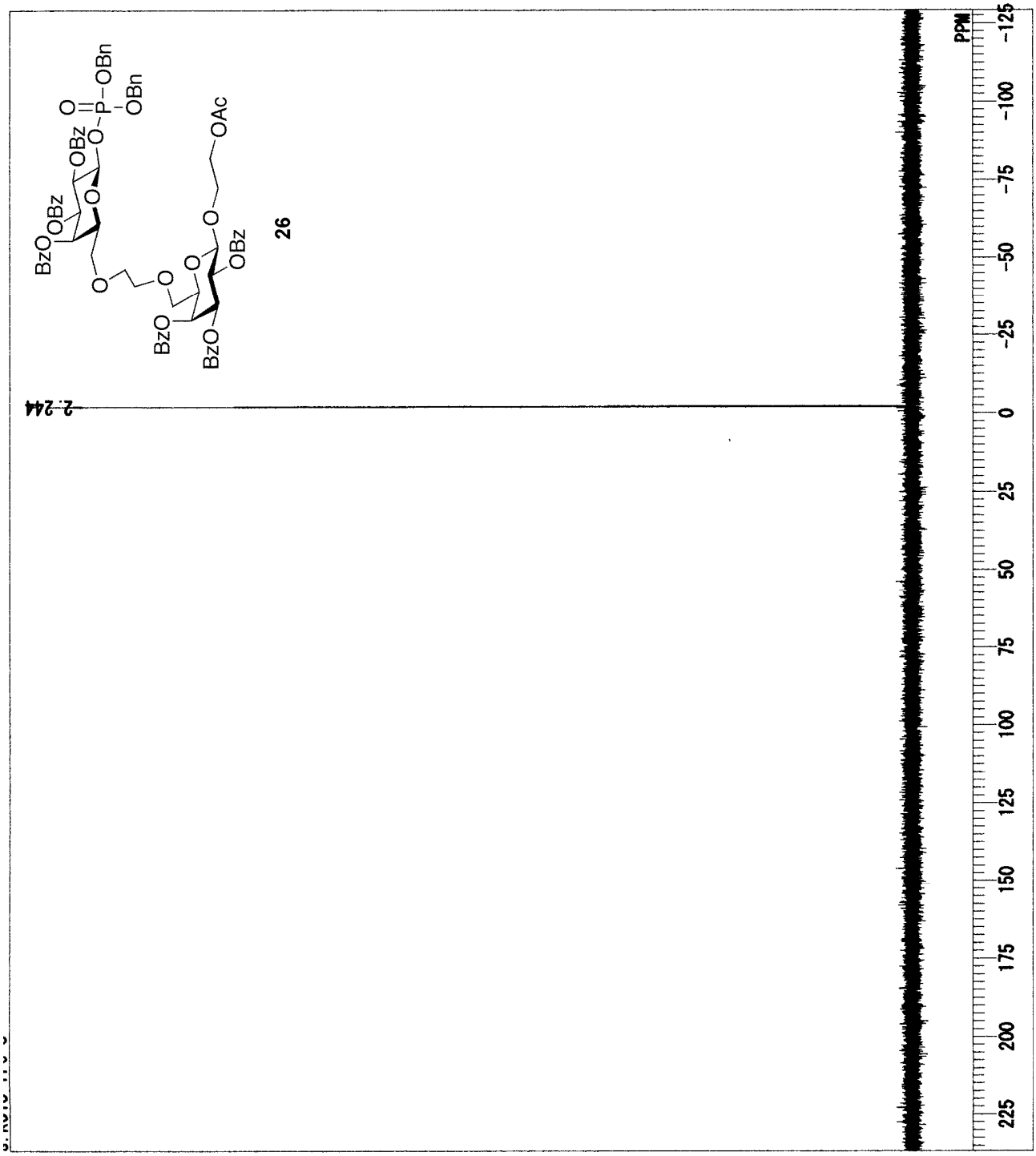
270 MHz ^{1}H NMR spectrum of **25**



400 MHz ^{1}H NMR spectrum of **26**



109 MHz ^{31}P NMR spectrum of **26**



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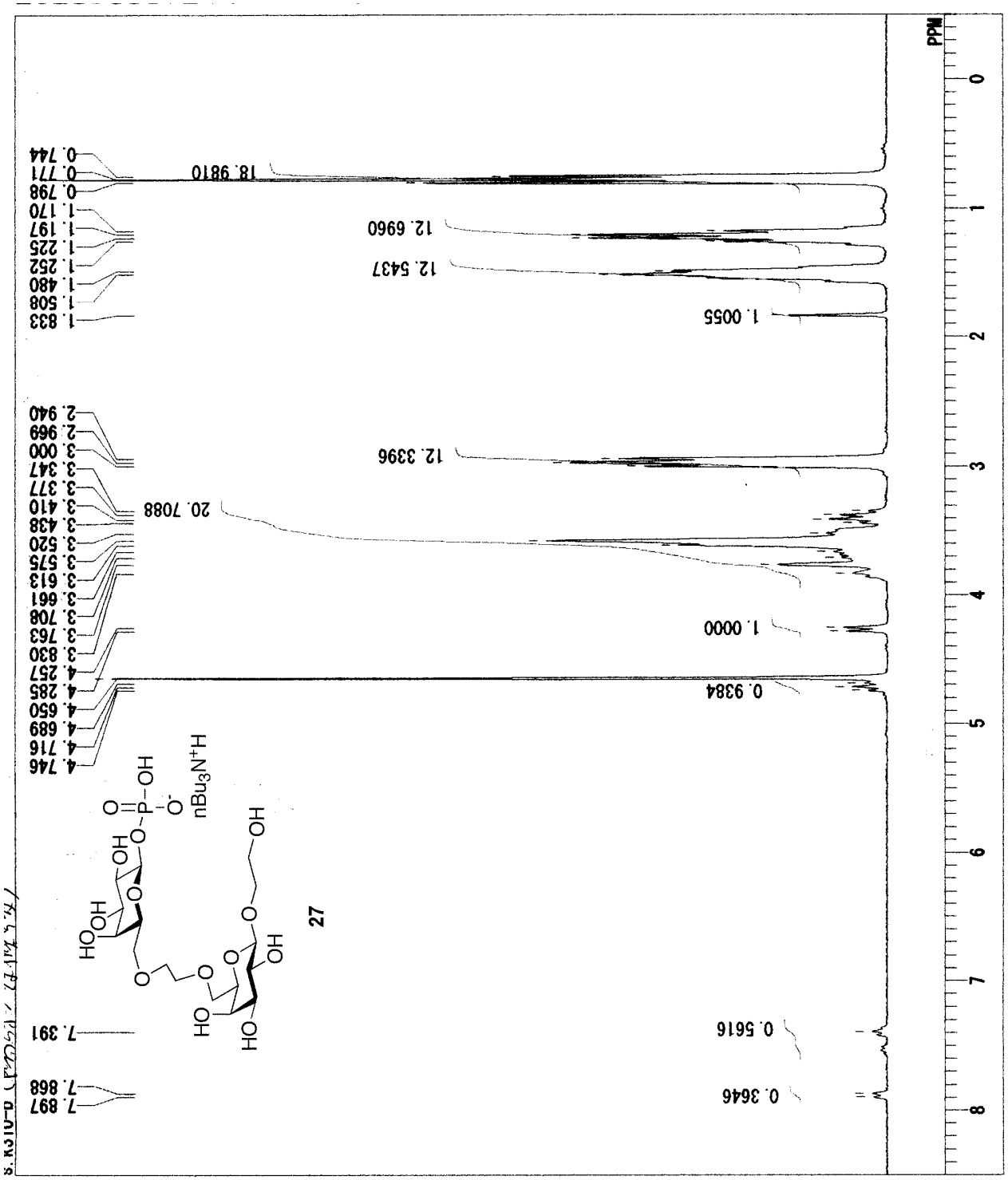

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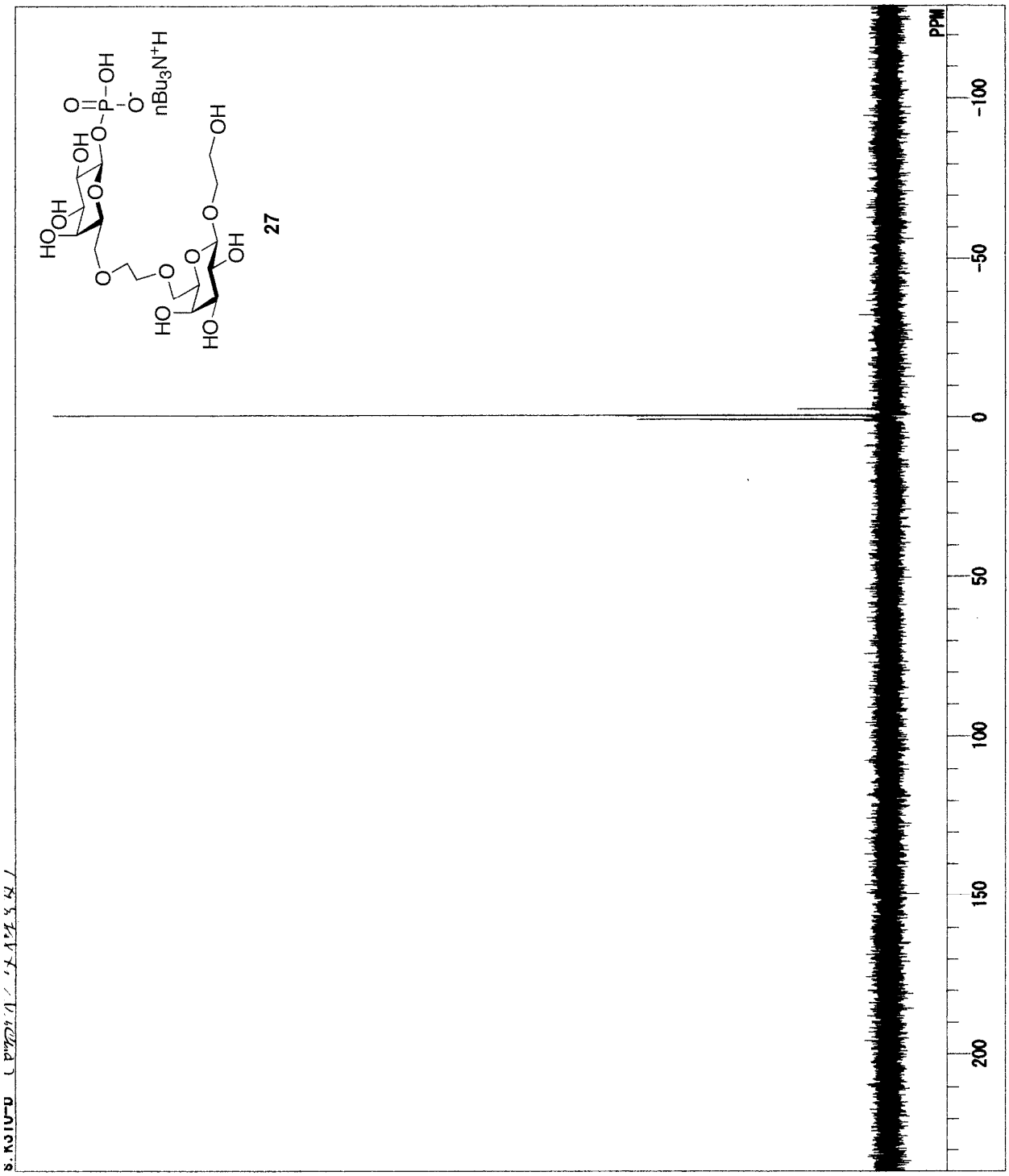
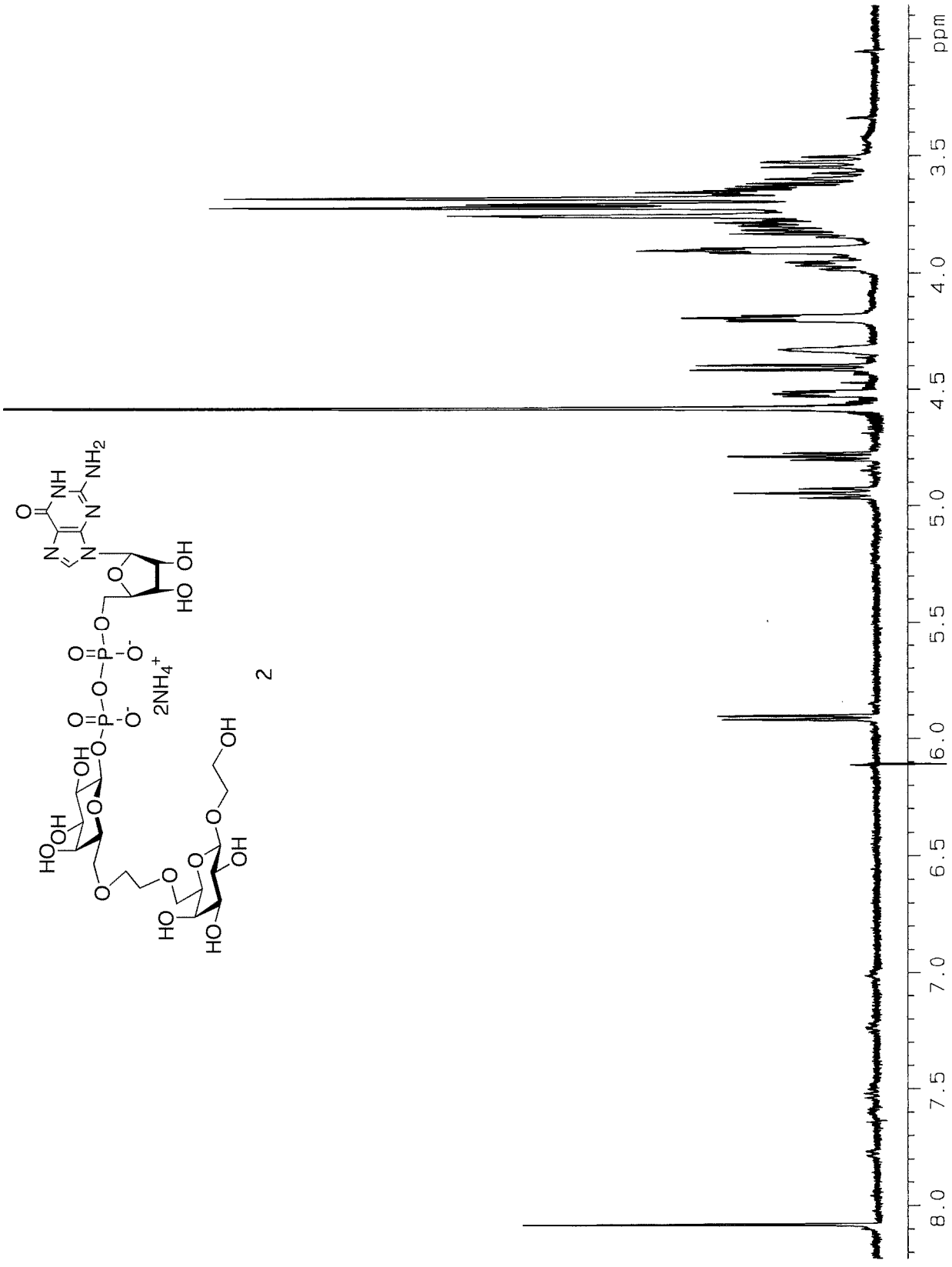
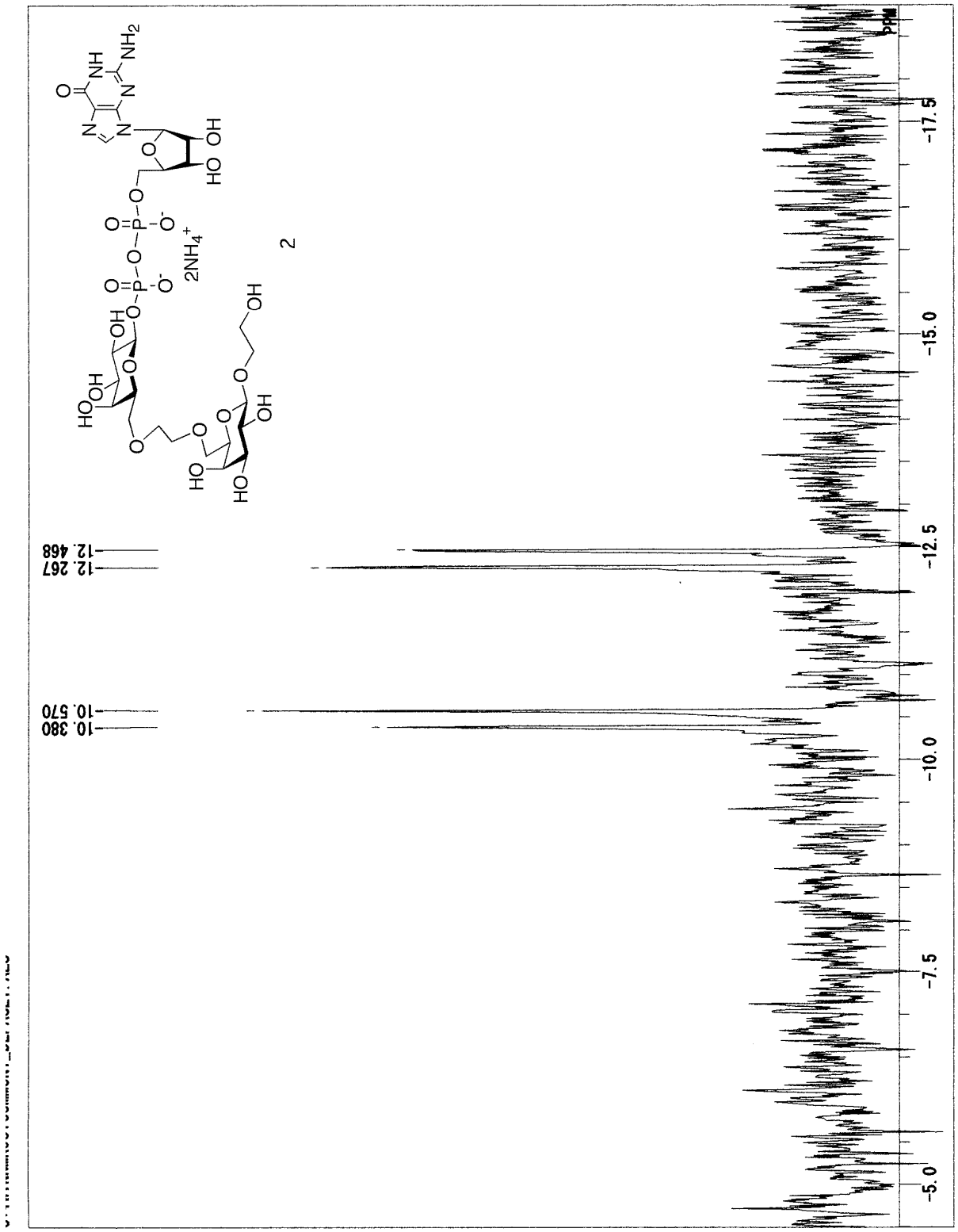


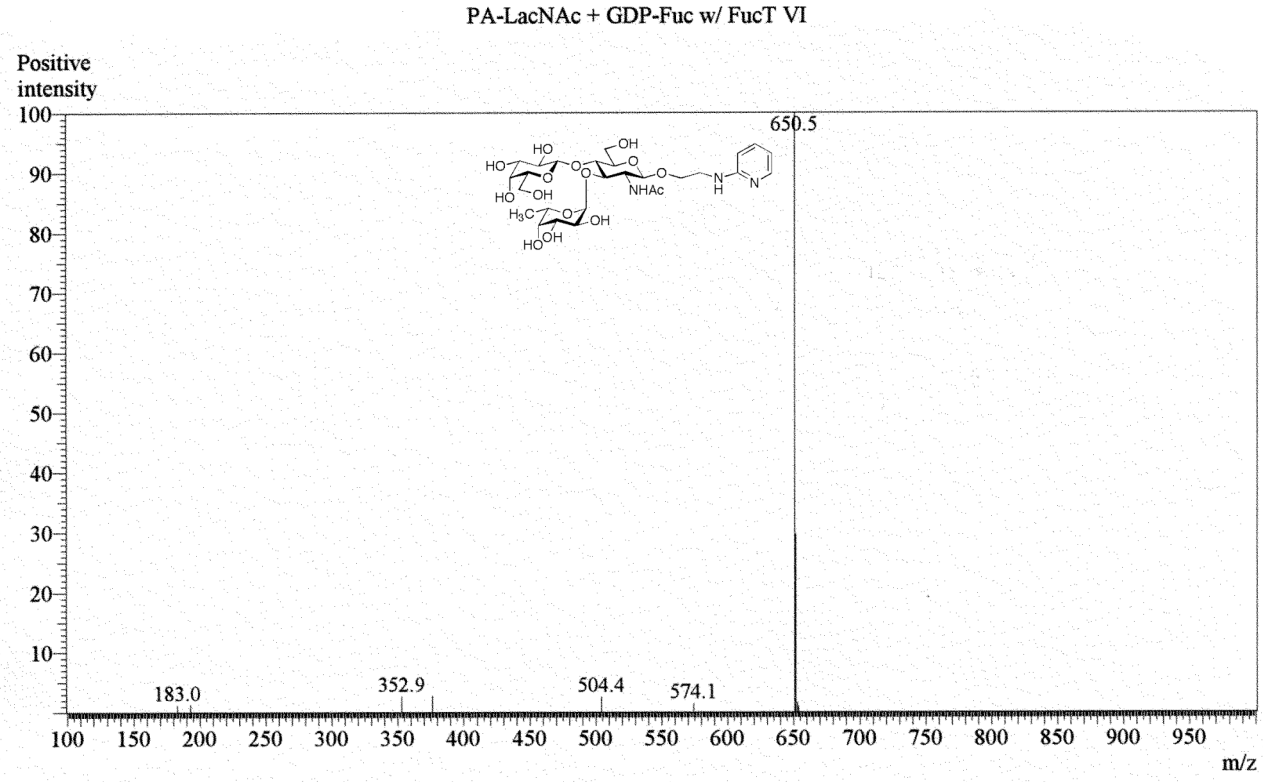
400 MHz ^{1}H NMR spectrum of **2**

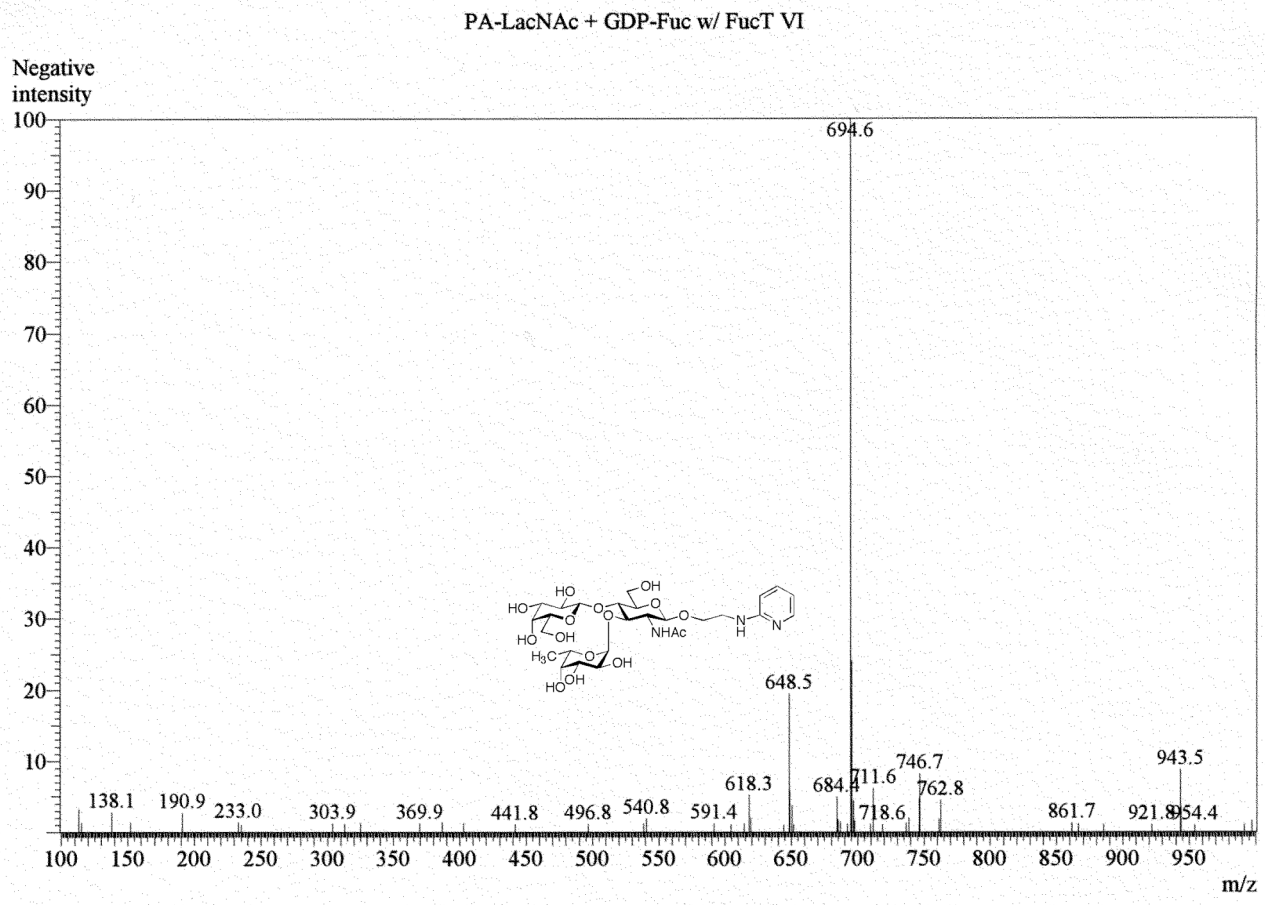


109 MHz ^{31}P NMR spectrum of **2**

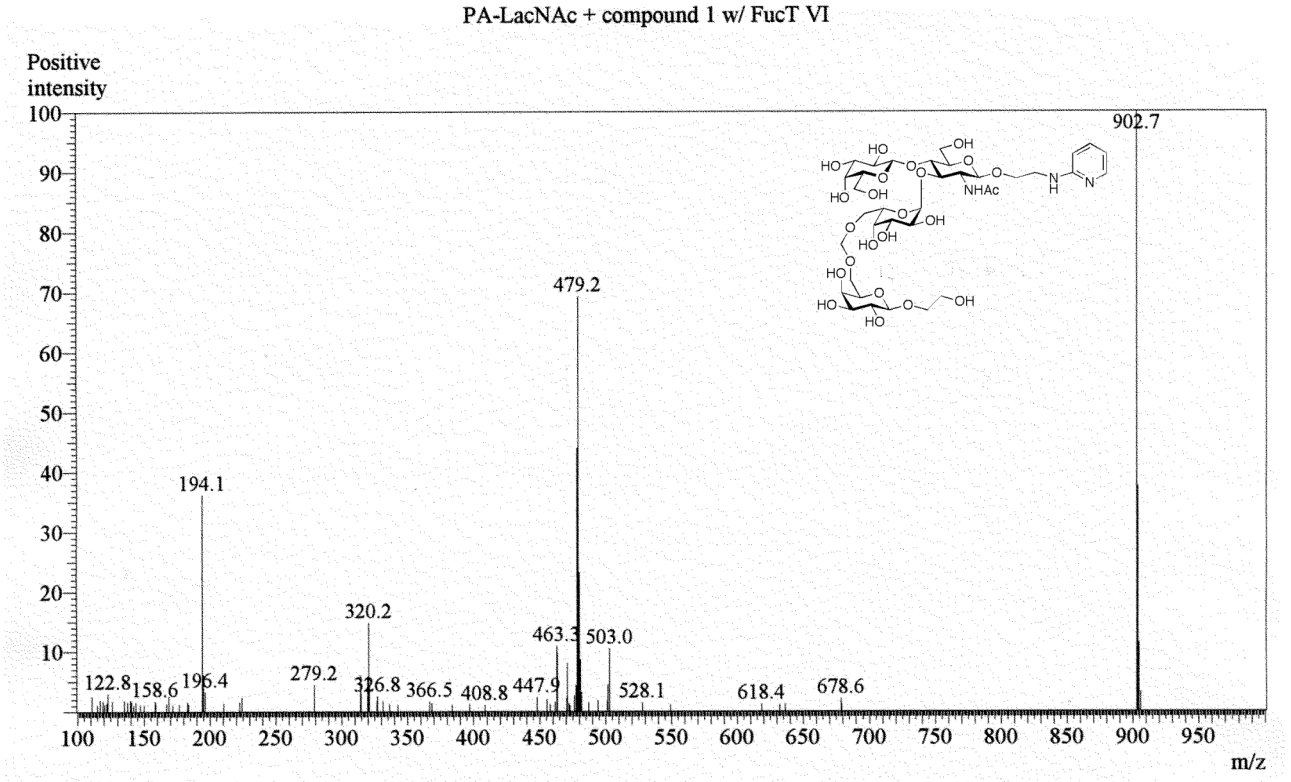


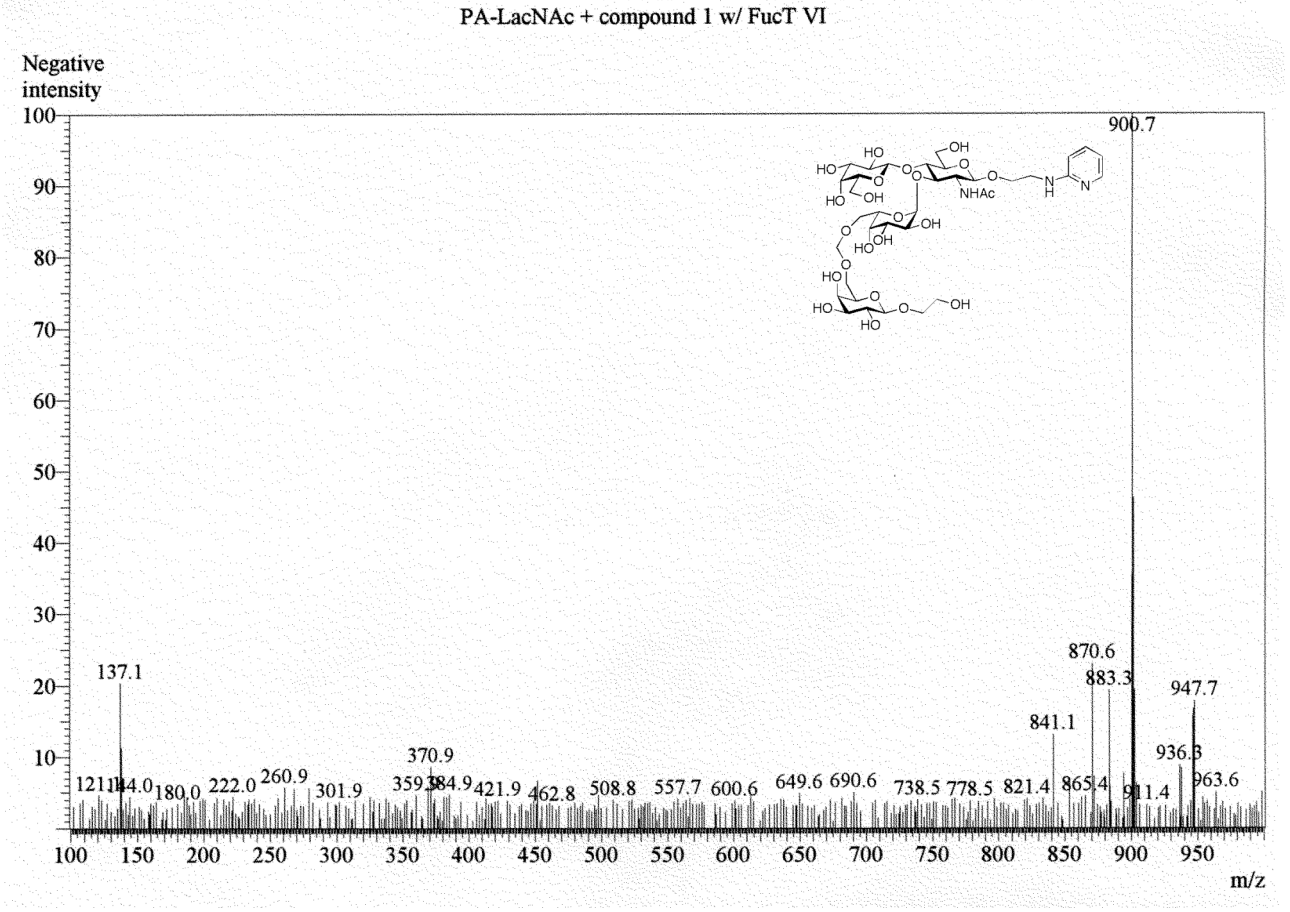
ESI-MS spectra of FucT VI reaction product using PA-LacNAc and GDP-Fuc





ESI-MS spectra of FucT VI reaction product using PA-LacNAc and compound **1**





ESI-MS spectra of FucT VI reaction product using PA-LacNAc and compound **2**