

Supplementary Information

New classes of carborane-appended 5-thio-D-glucopyranose derivatives

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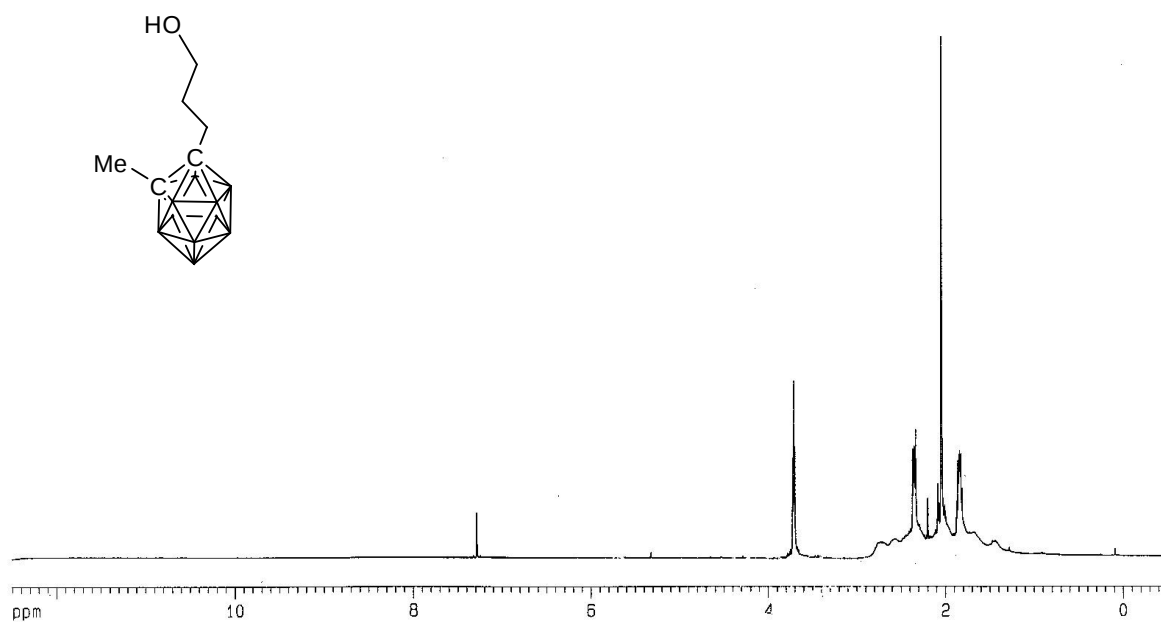
^d*Kishwaukee Community Hospital, One Kish Hospital Drive, DeKalb, Illinois 60115, USA*

Table of Contents

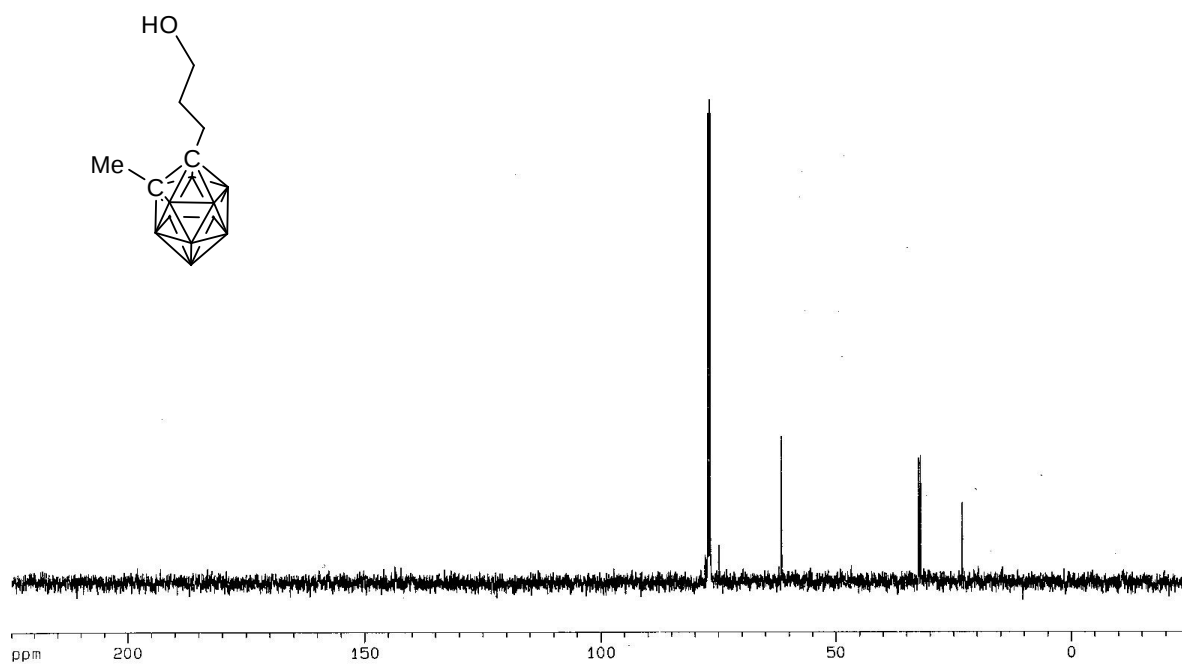
NMR Spectra of Compounds.....	S2
Mass Spectra of Compounds	S21

NMR Spectra of Compounds

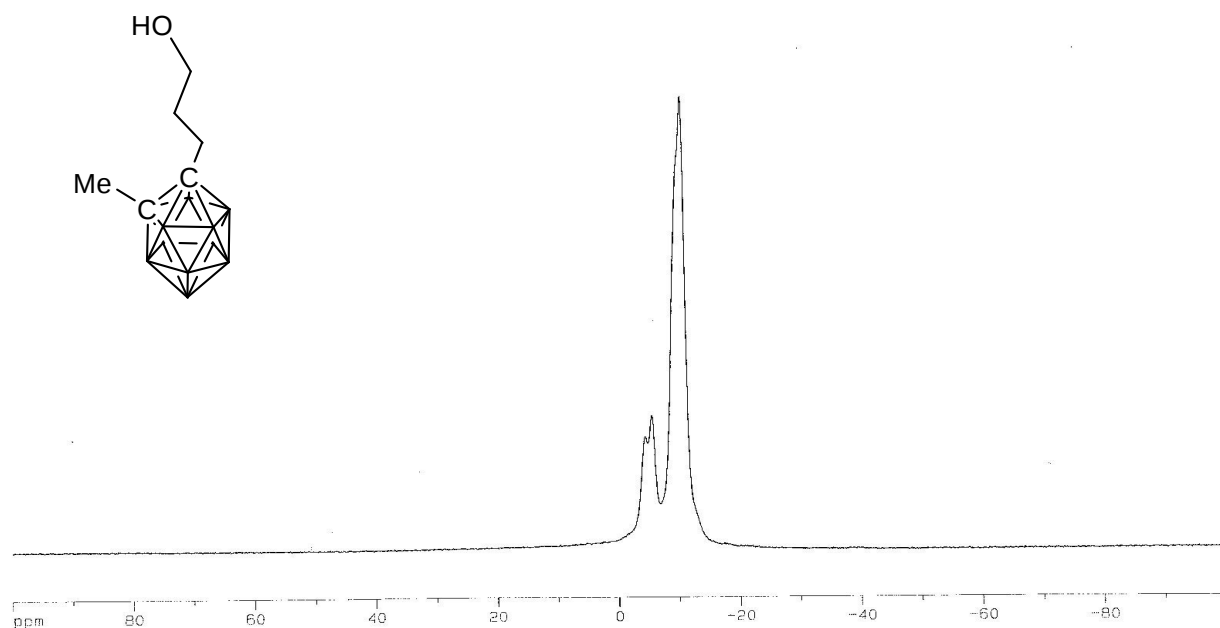
^1H NMR of Compound 4 (500 MHz, CDCl_3)



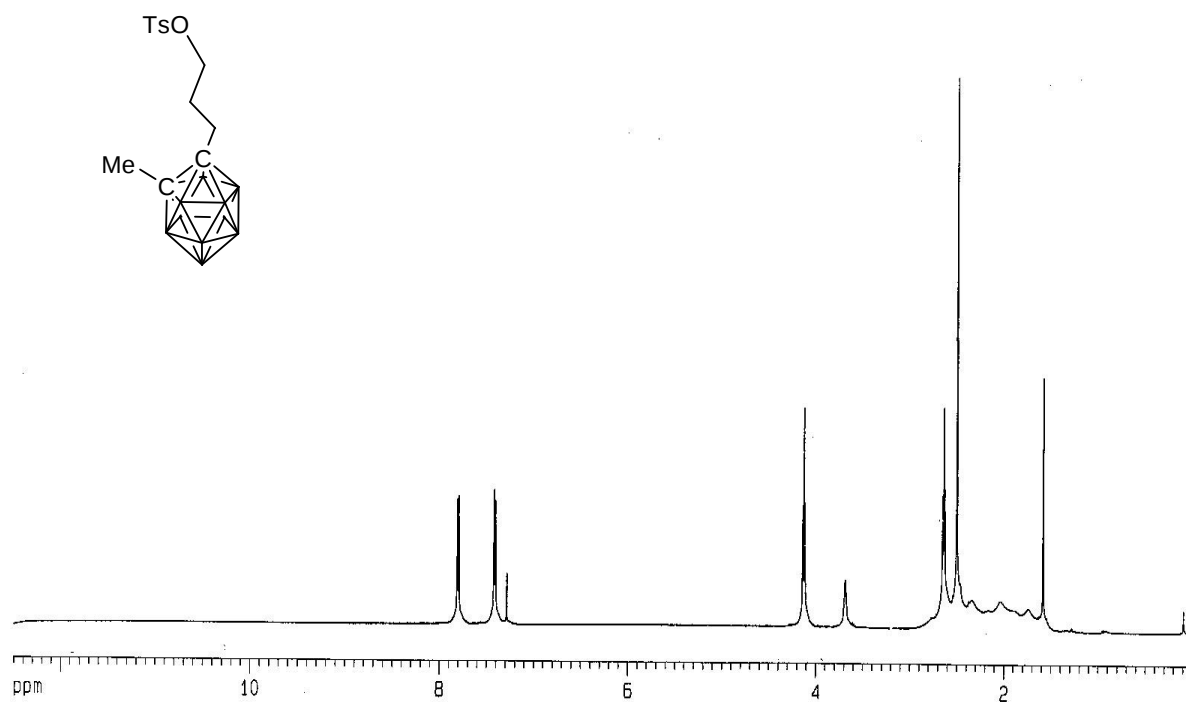
^{13}C NMR of Compound 4 (125 MHz, CDCl_3)



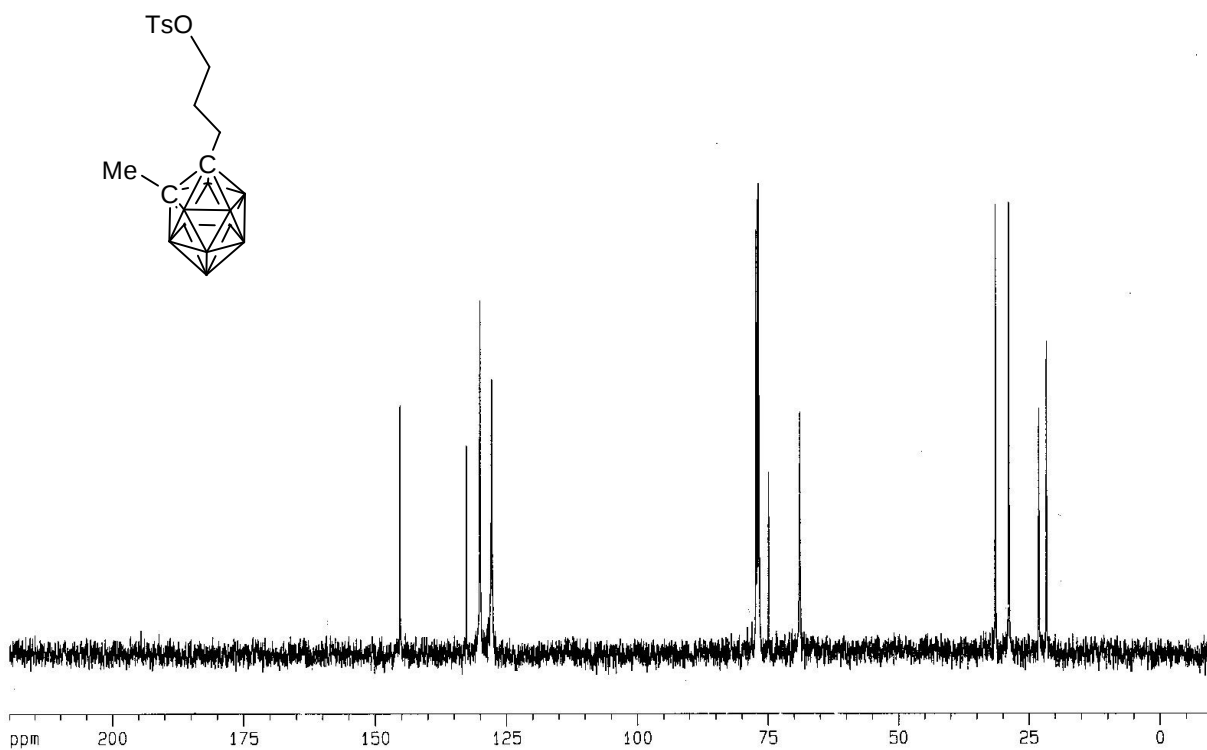
^{11}B NMR of Compound 4 (64.2 MHz, CDCl_3)



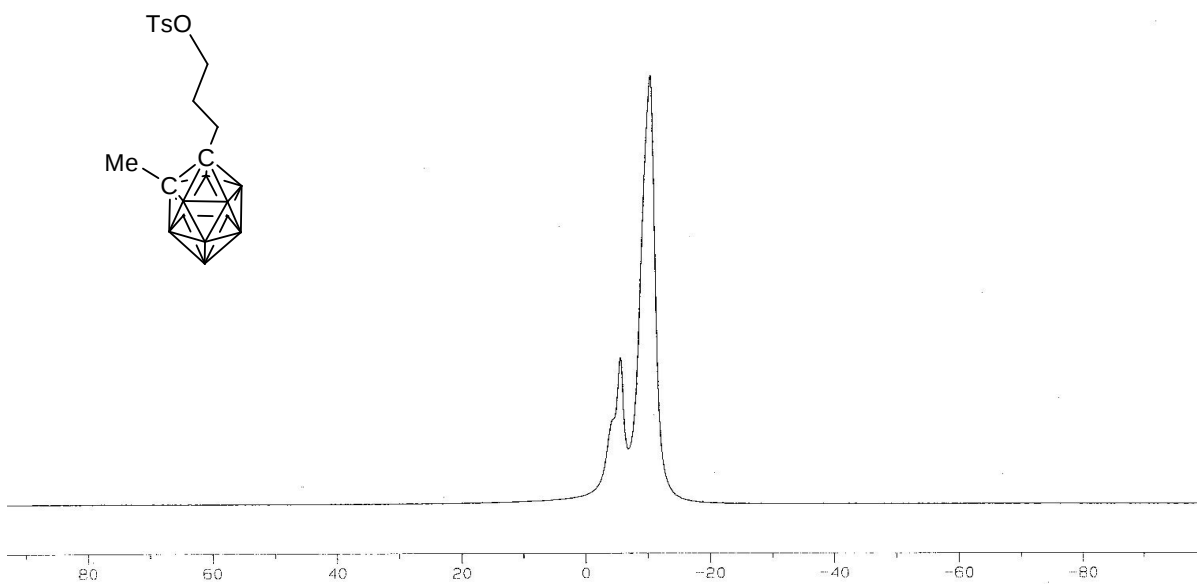
^1H NMR of Compound 5 (500 MHz, CDCl_3)



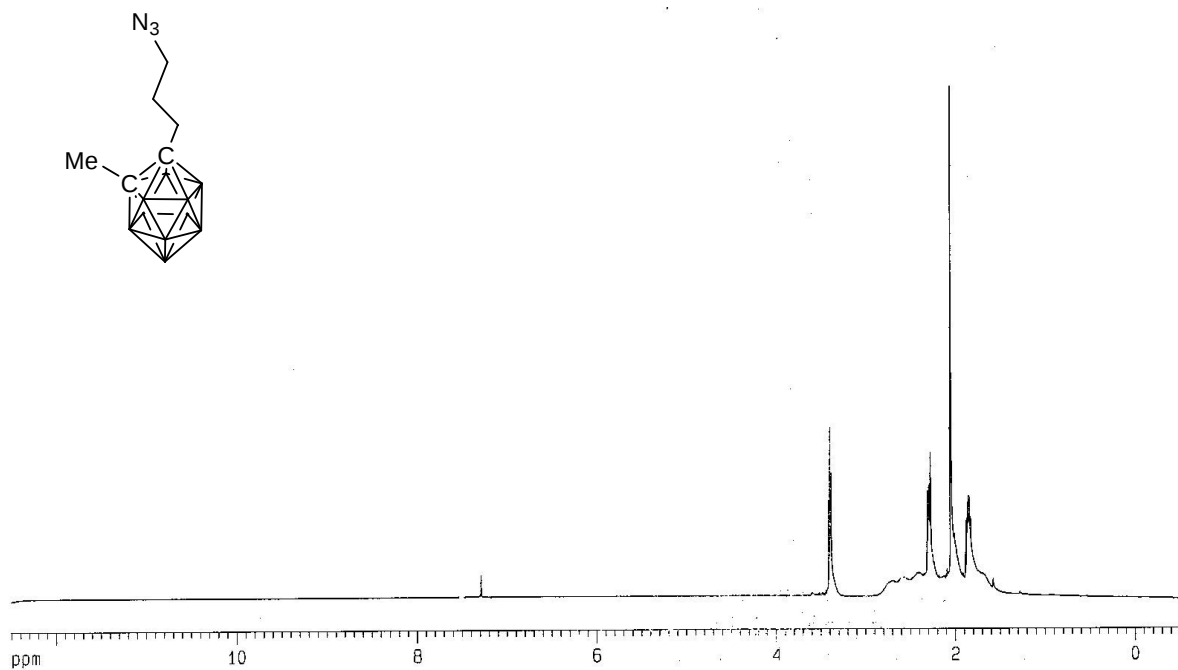
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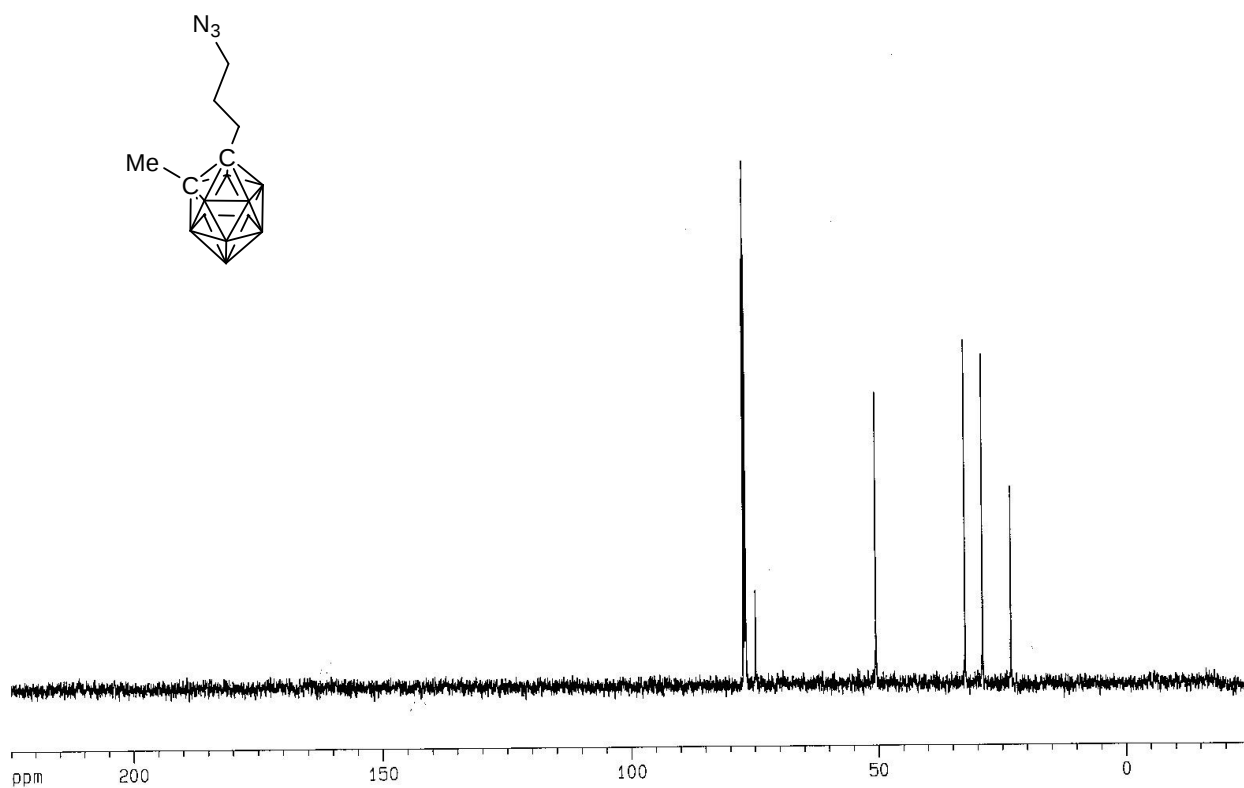
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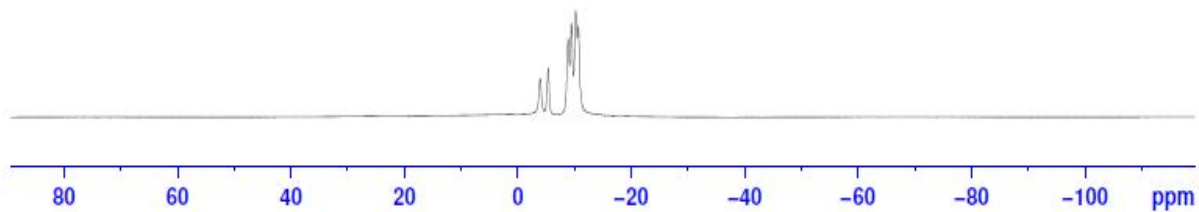
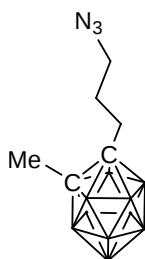
¹H NMR of Compound 6 (500 MHz, CDCl₃)



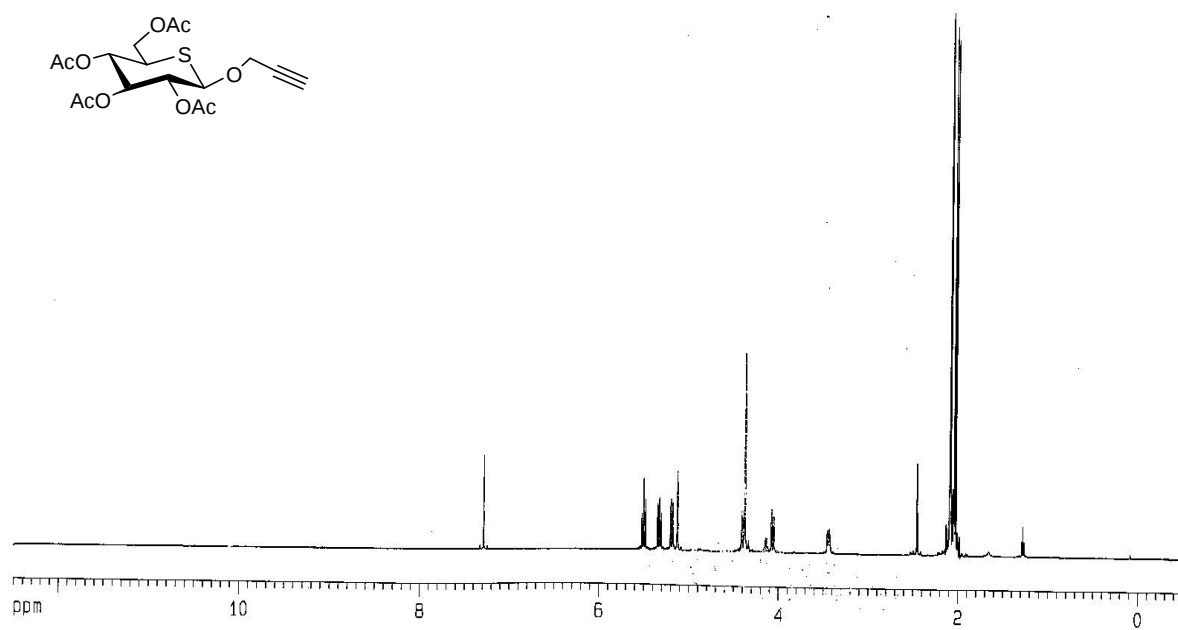
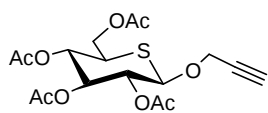
¹³C NMR of Compound 6 (125 MHz, CDCl₃)



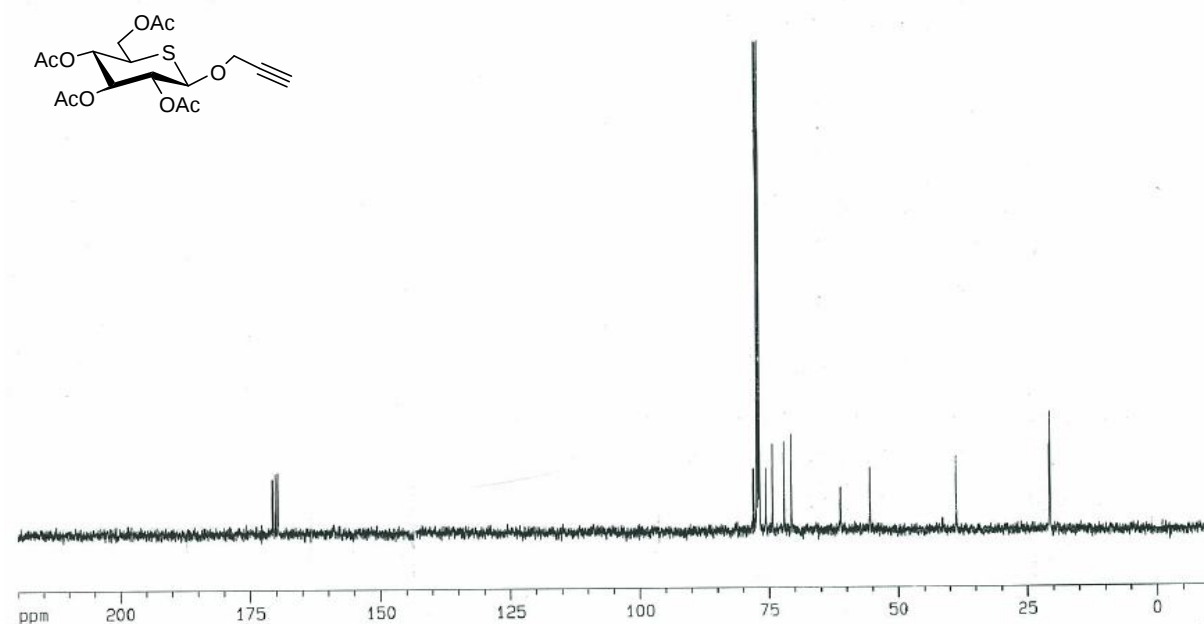
^{11}B NMR of Compound **6** (160.5 MHz, CDCl_3)



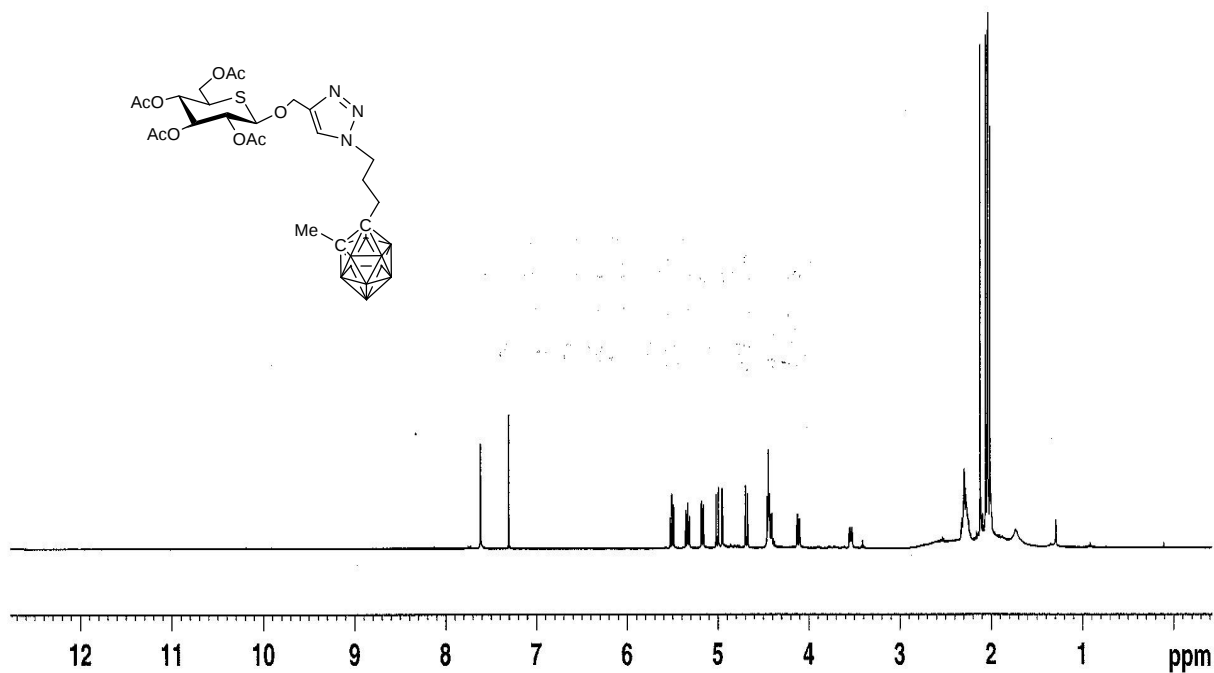
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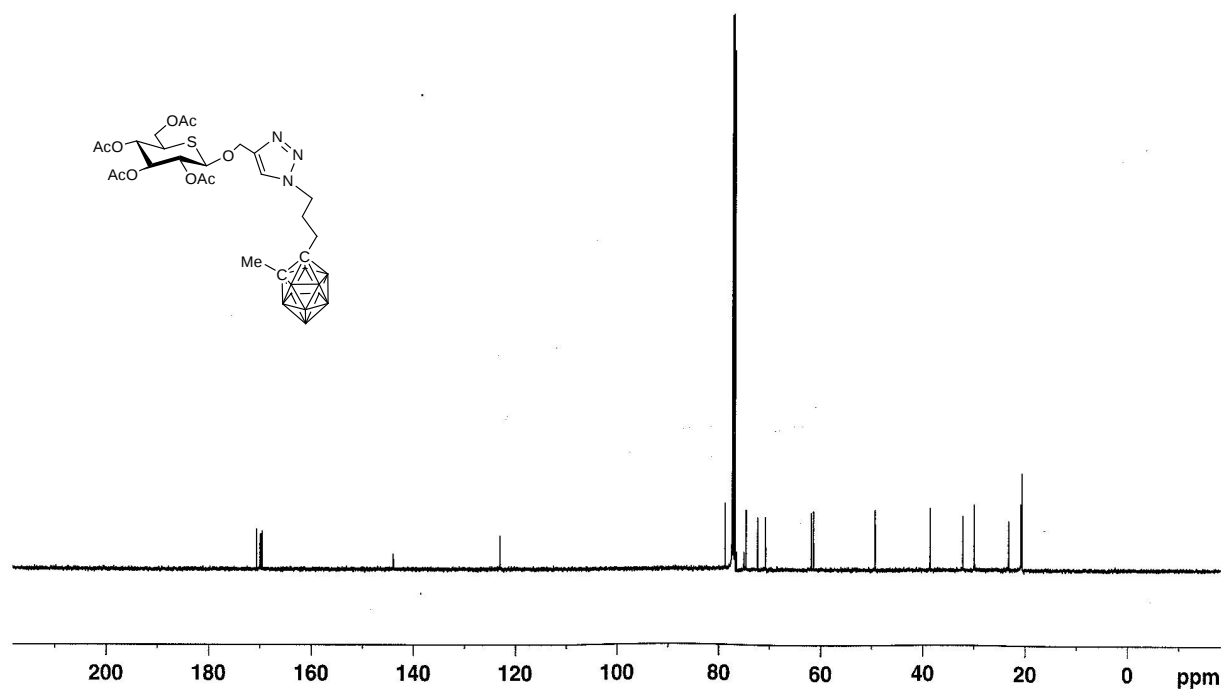
^{13}C NMR of Compound 8 (125 MHz, CDCl_3)



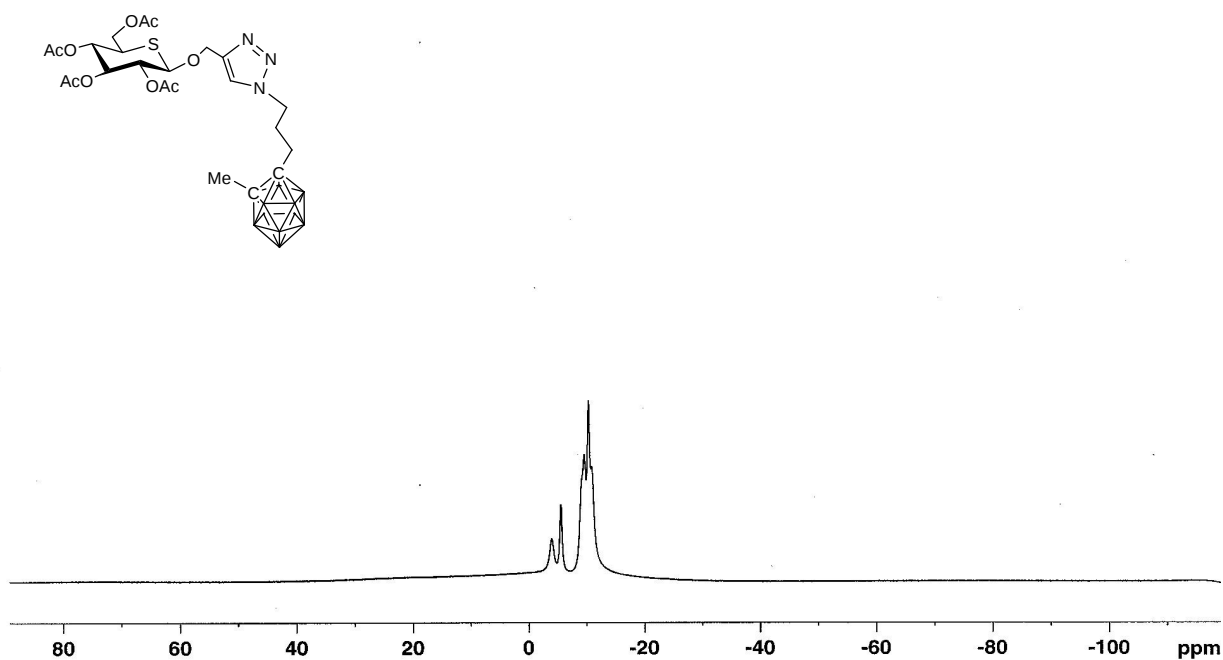
^1H NMR of Compound 9 (500 MHz, CDCl_3)



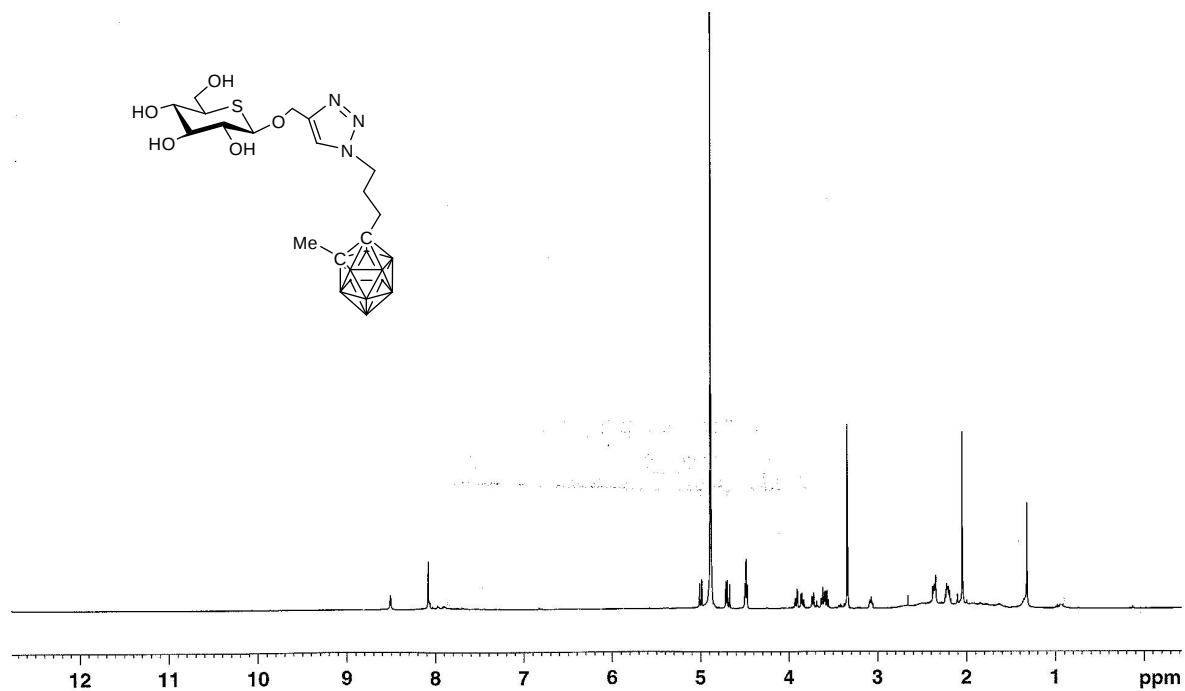
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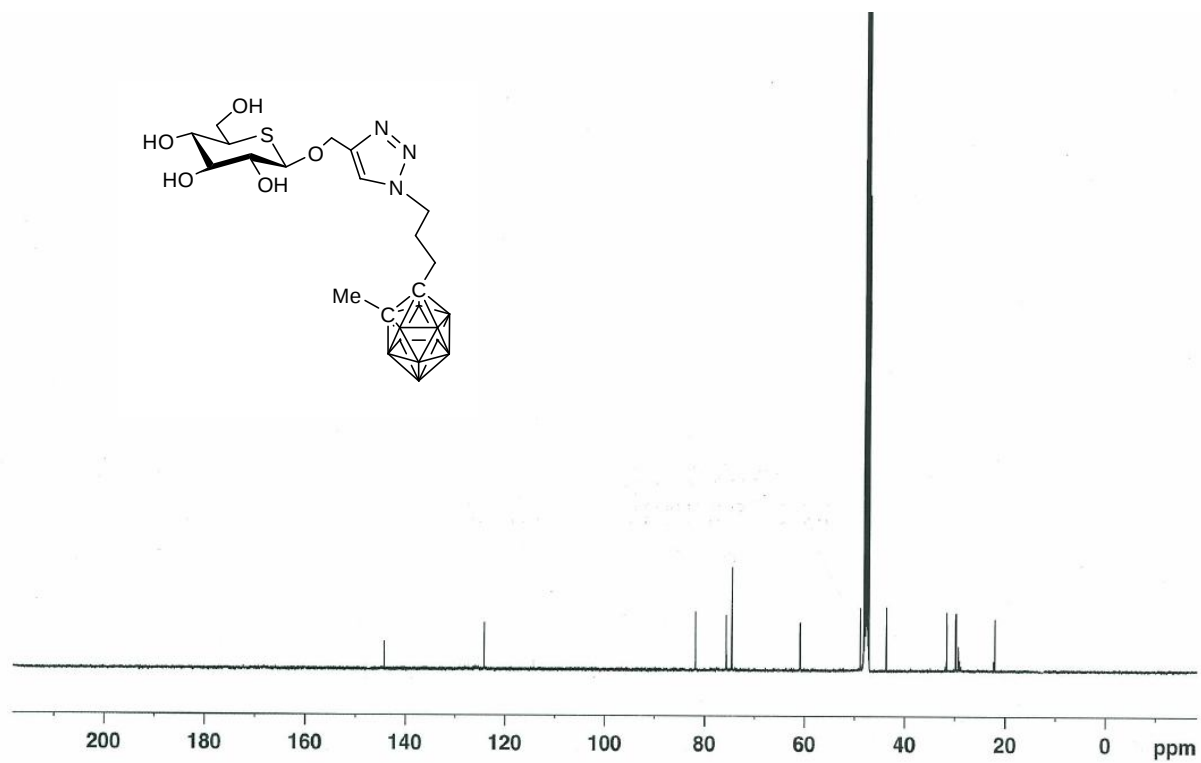
^{11}B NMR of Compound 9 (160.5 MHz, CDCl_3)



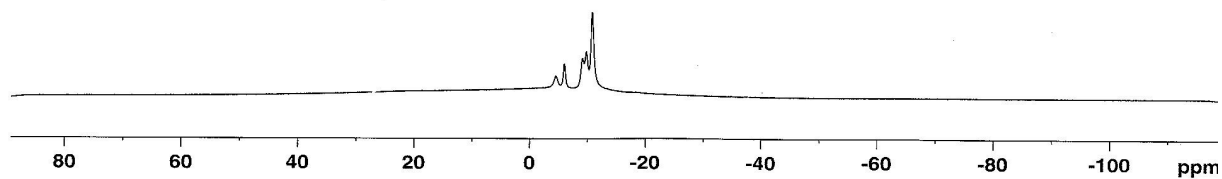
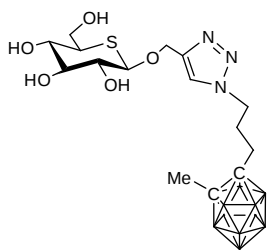
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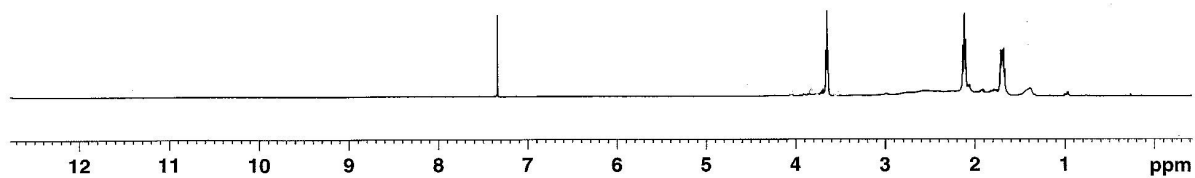
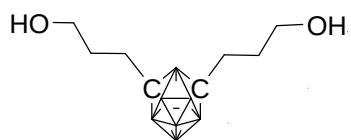
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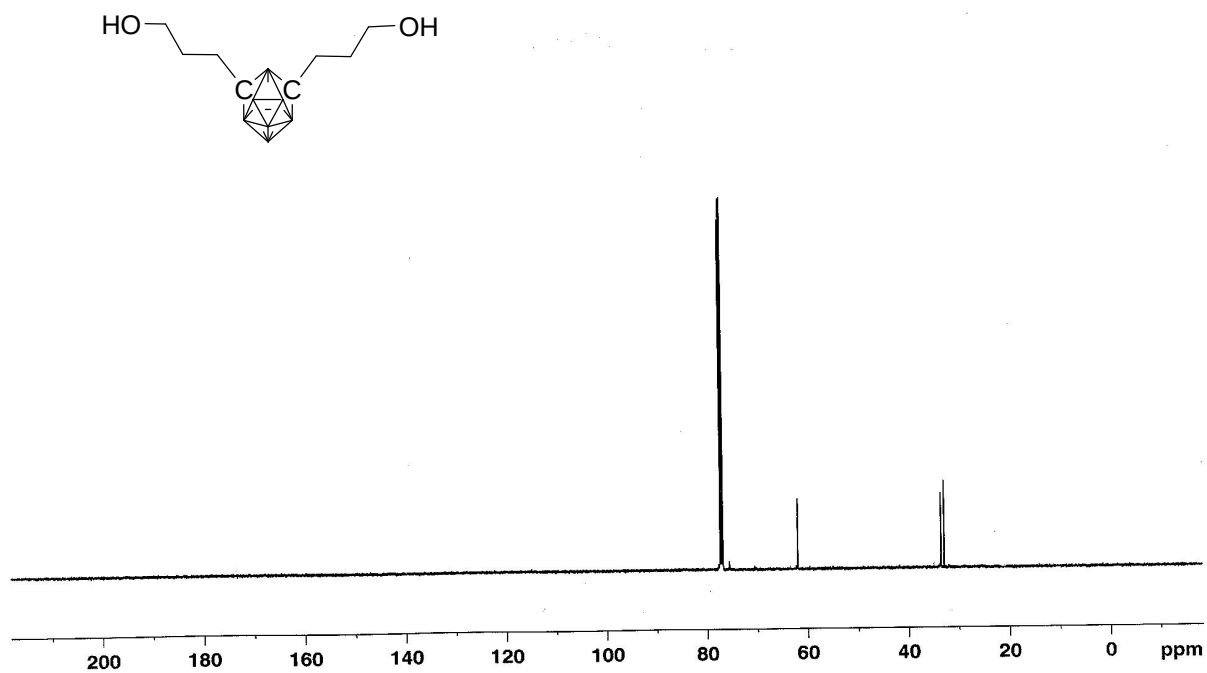
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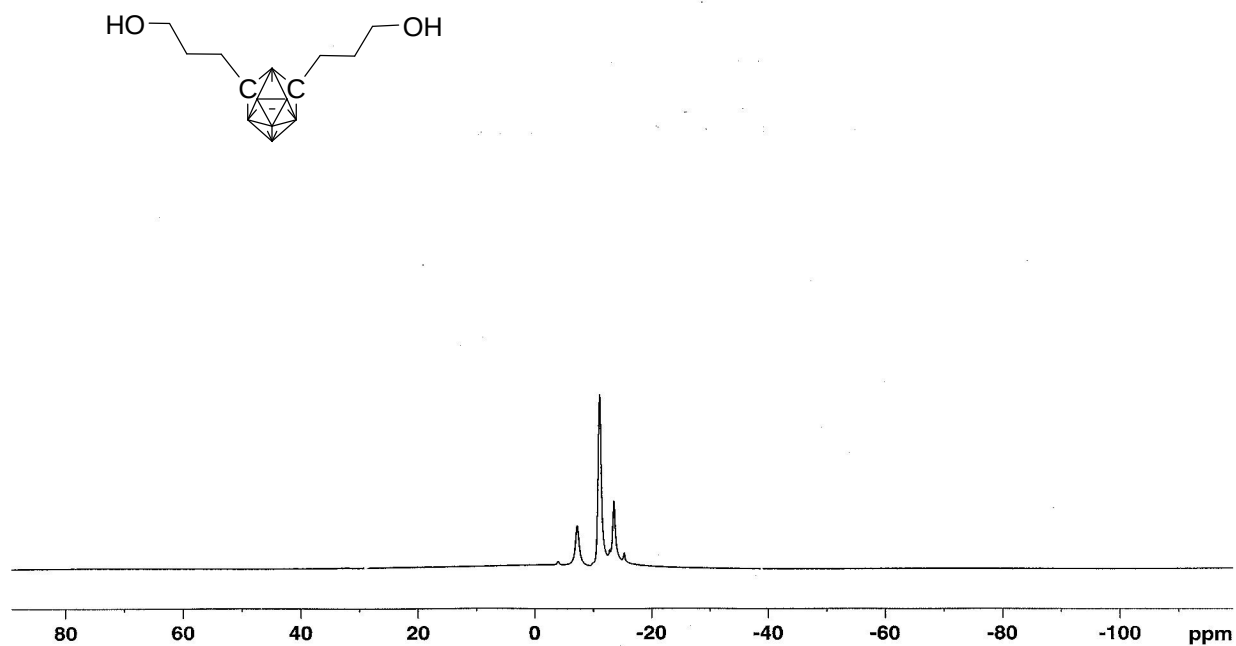
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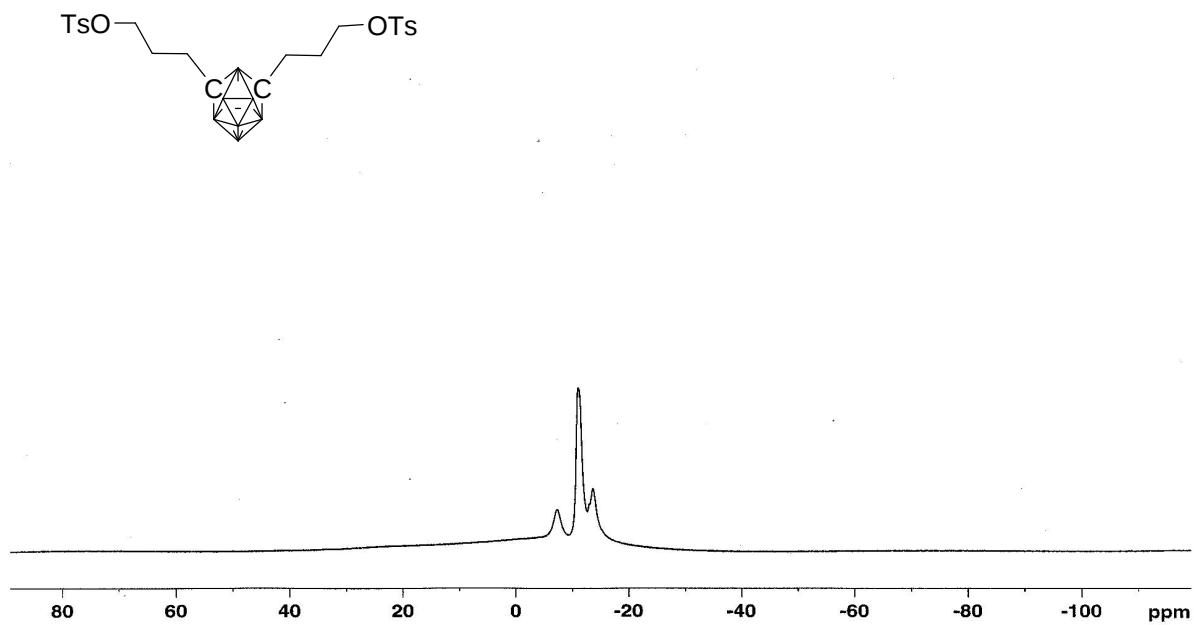
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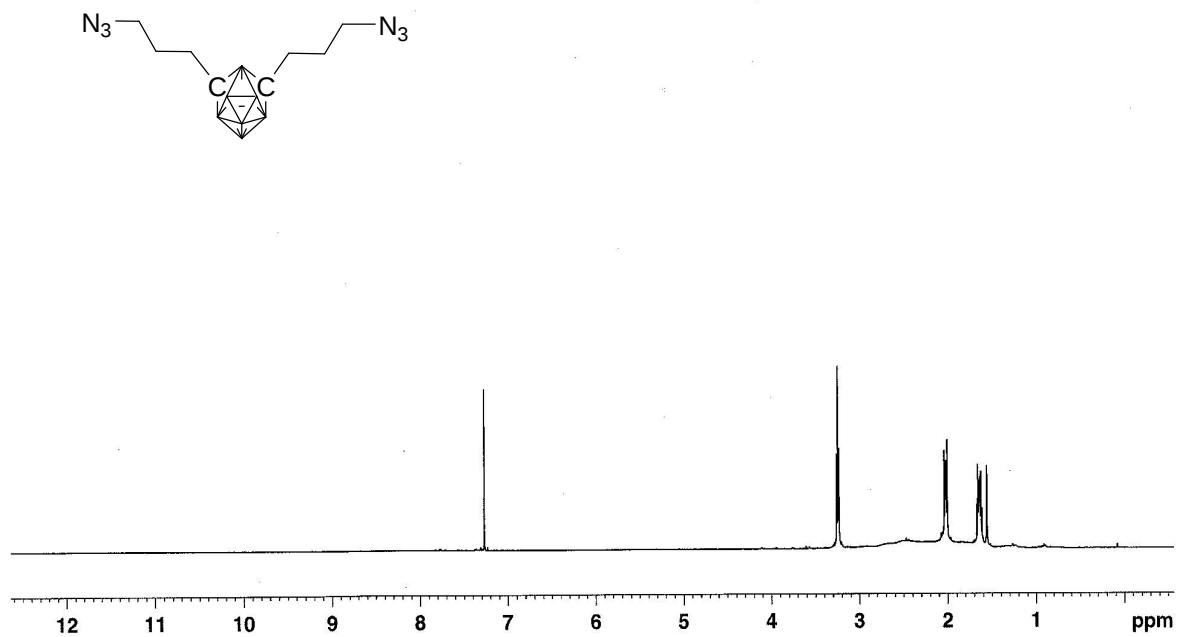
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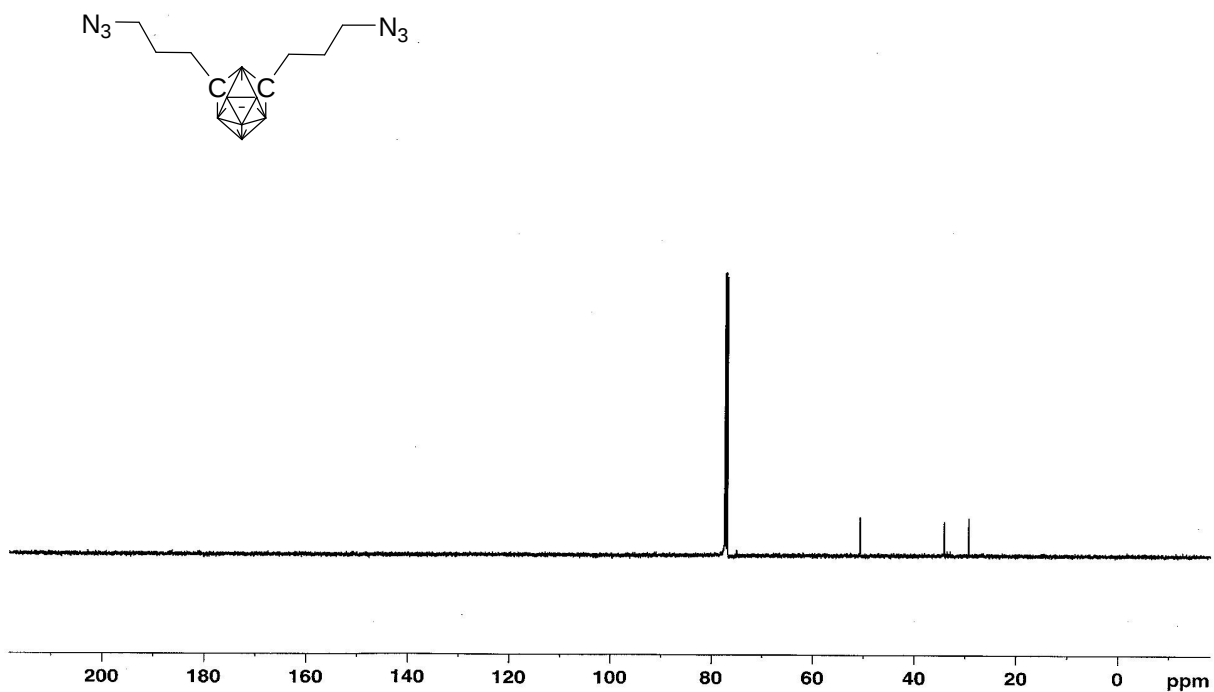
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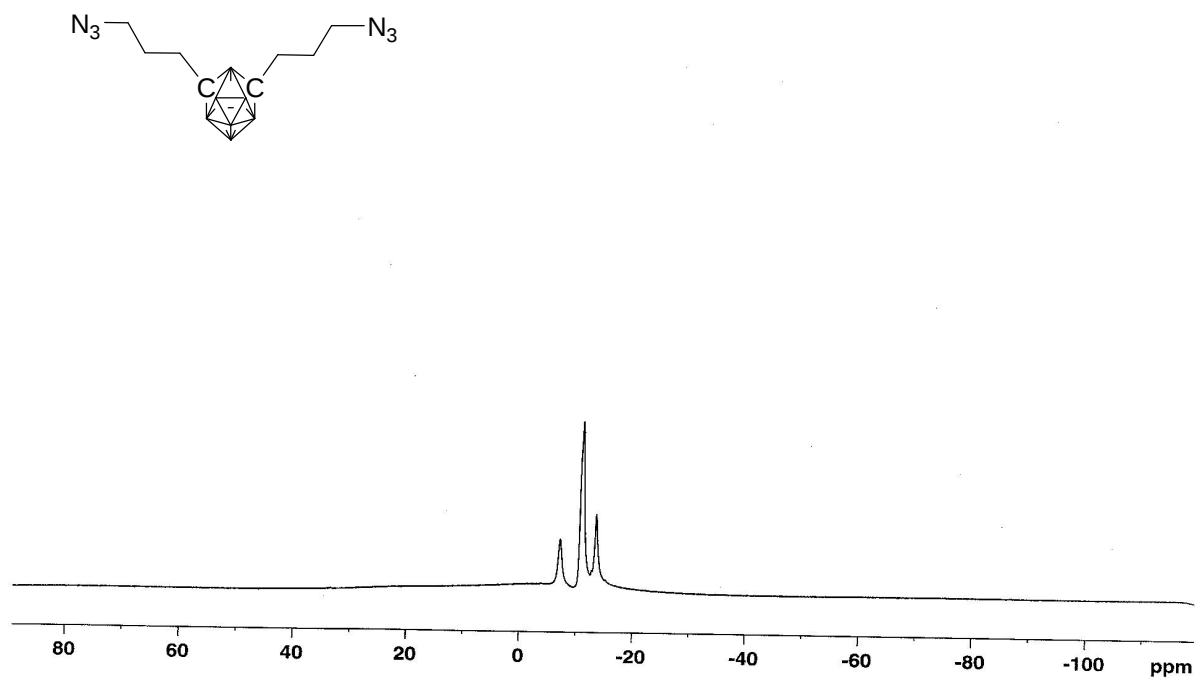
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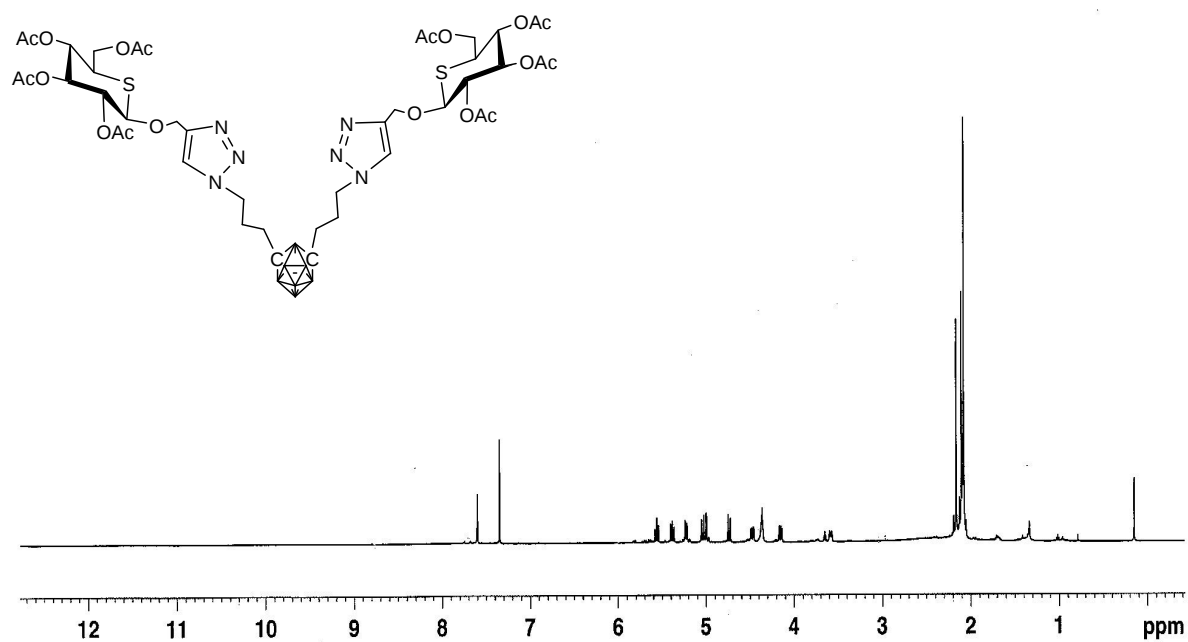
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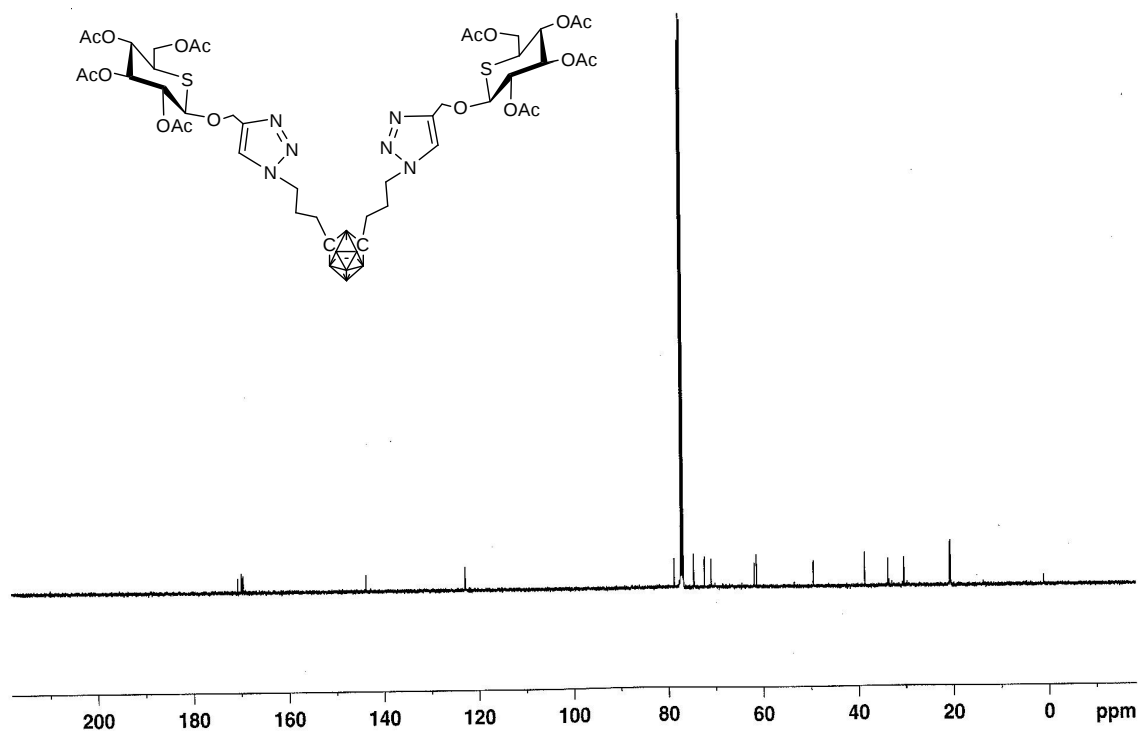
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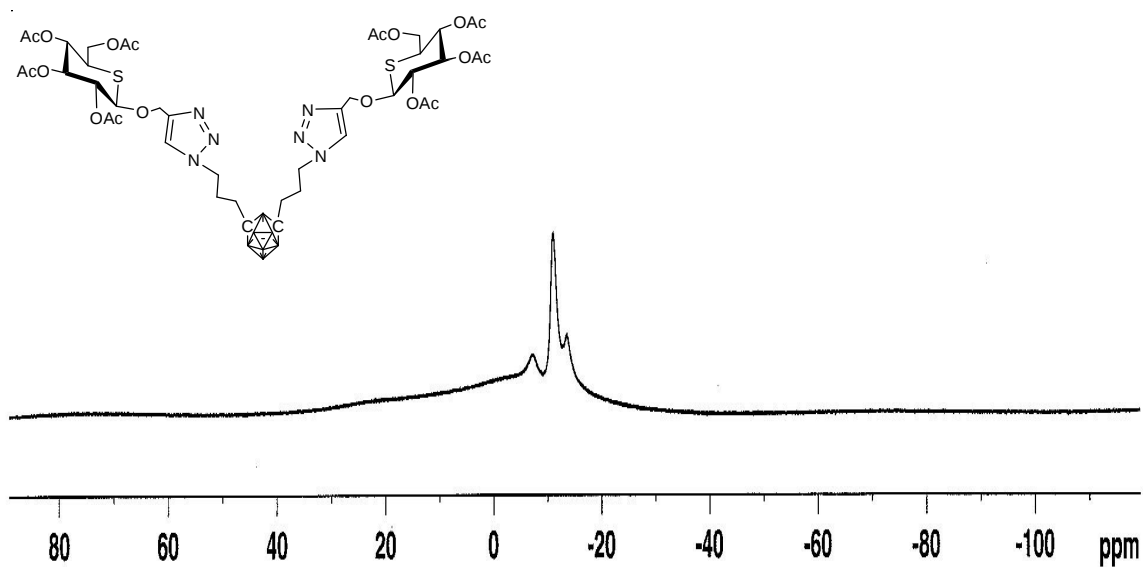
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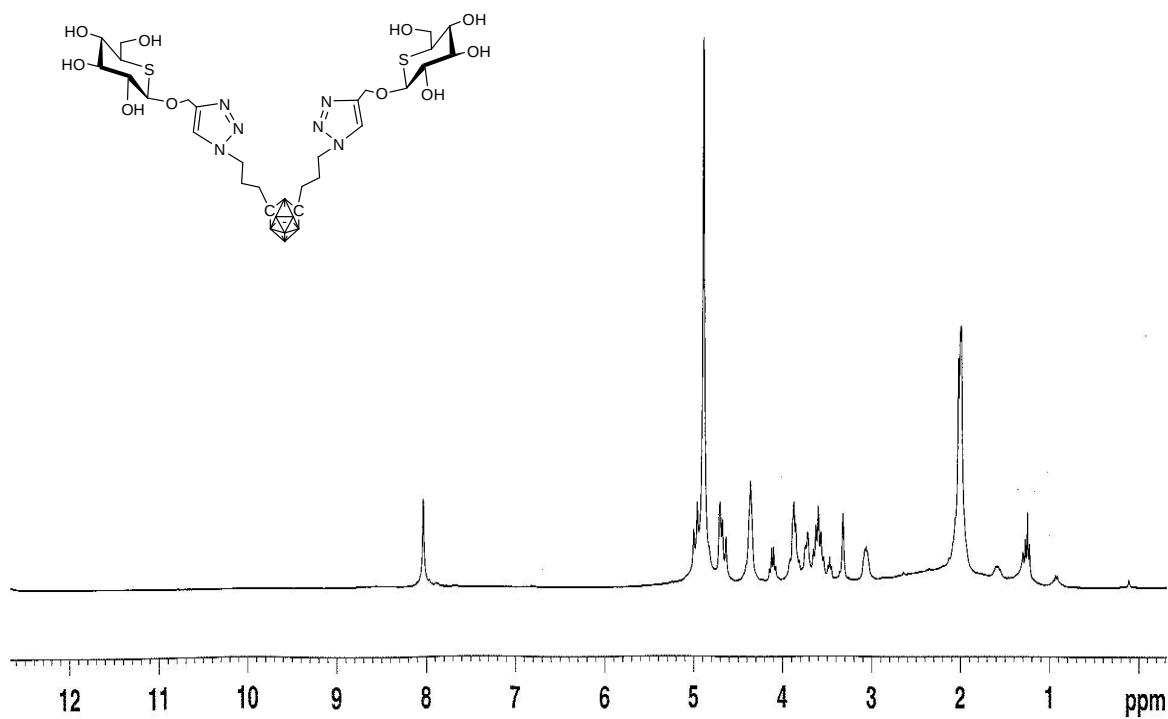
^{13}C NMR of Compound 15 (125 MHz, CDCl_3)



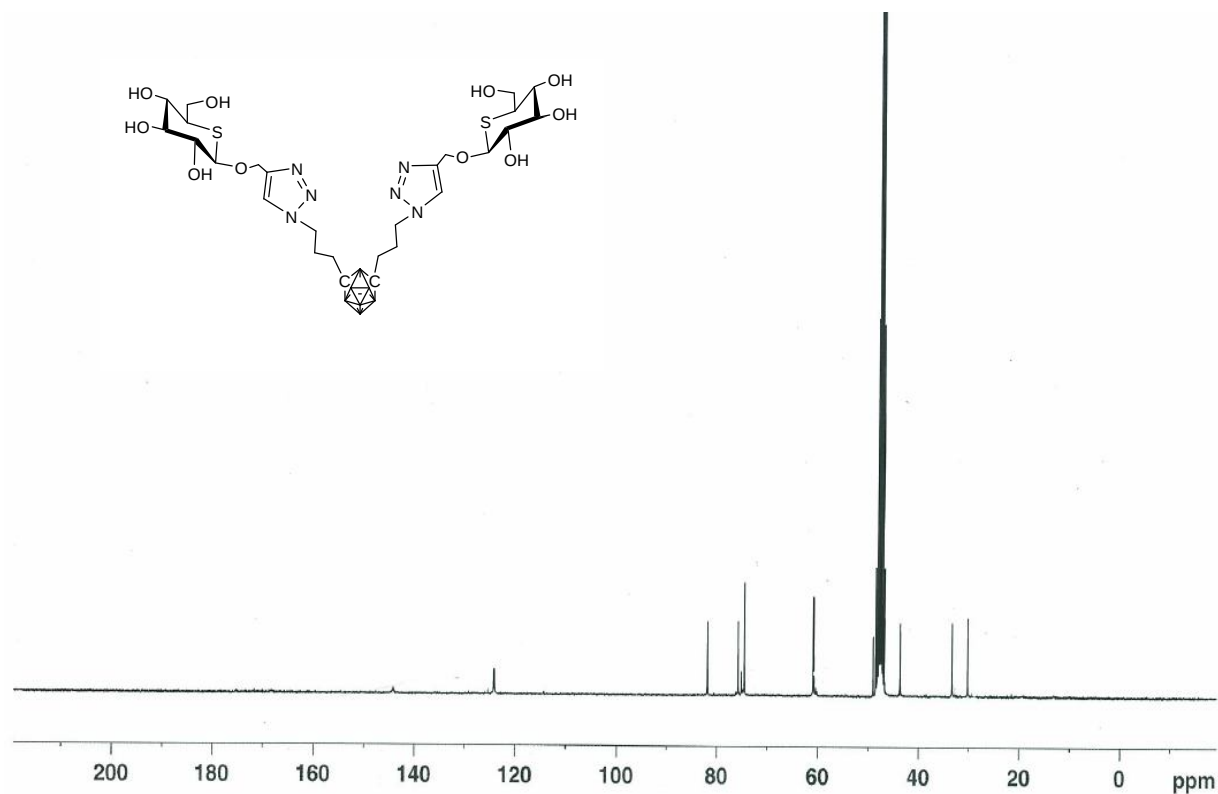
^{11}B NMR of Compound 15 (160.5 MHz, CDCl_3)



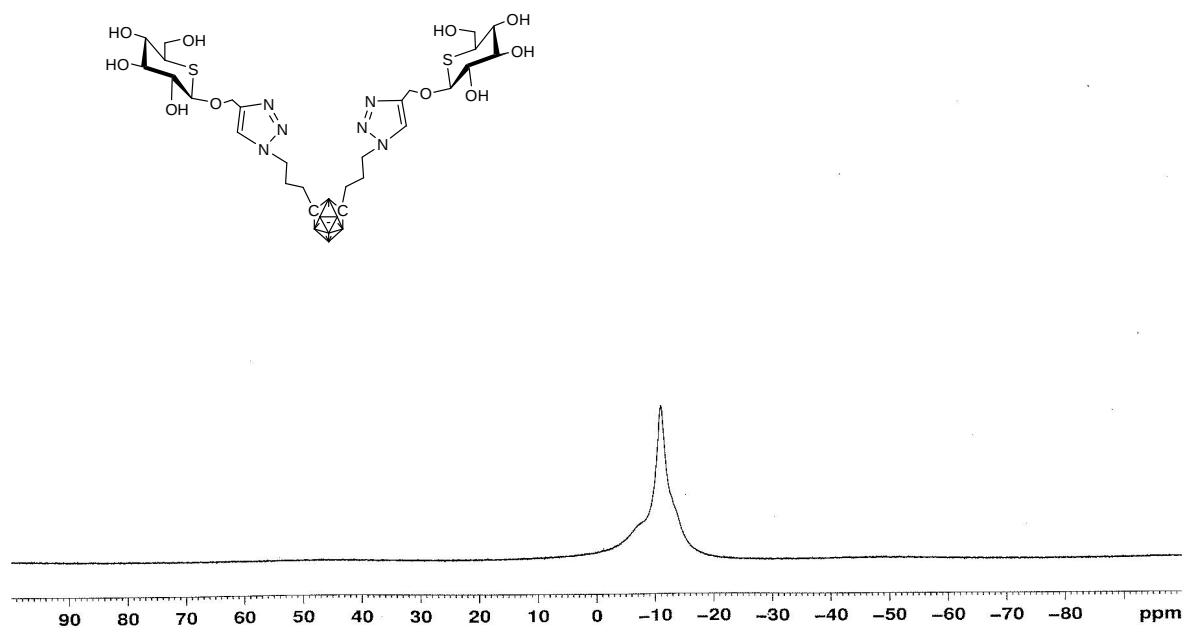
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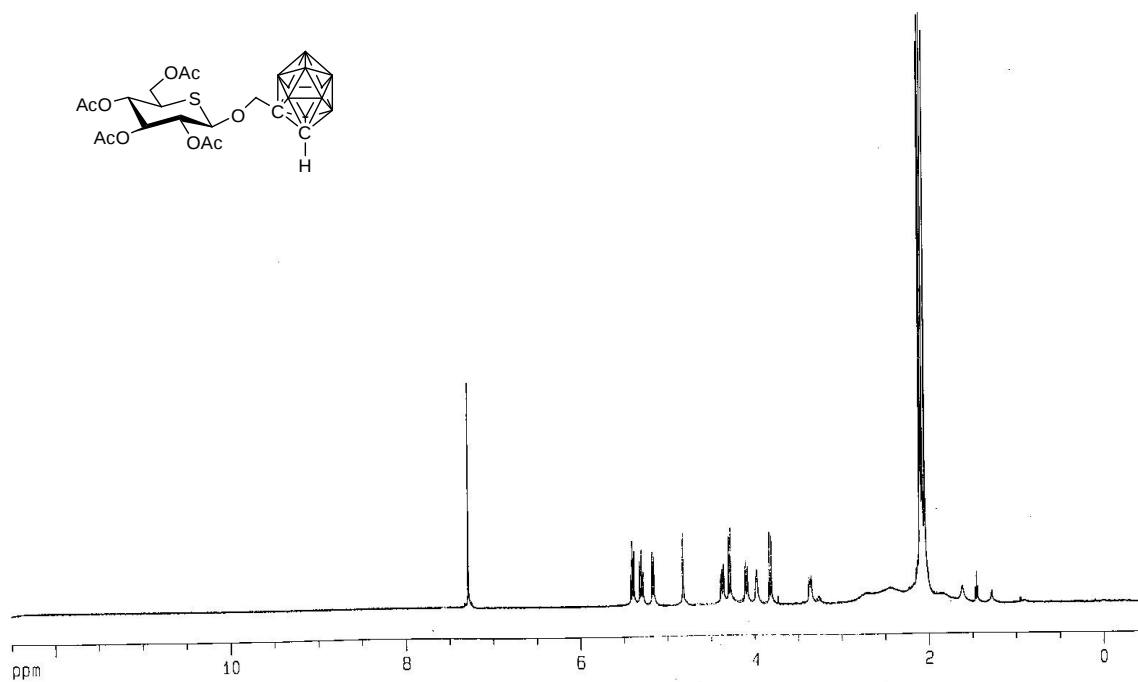
^{13}C NMR of Compound **16** (75 MHz, Solvent: d_4 -MeOH)



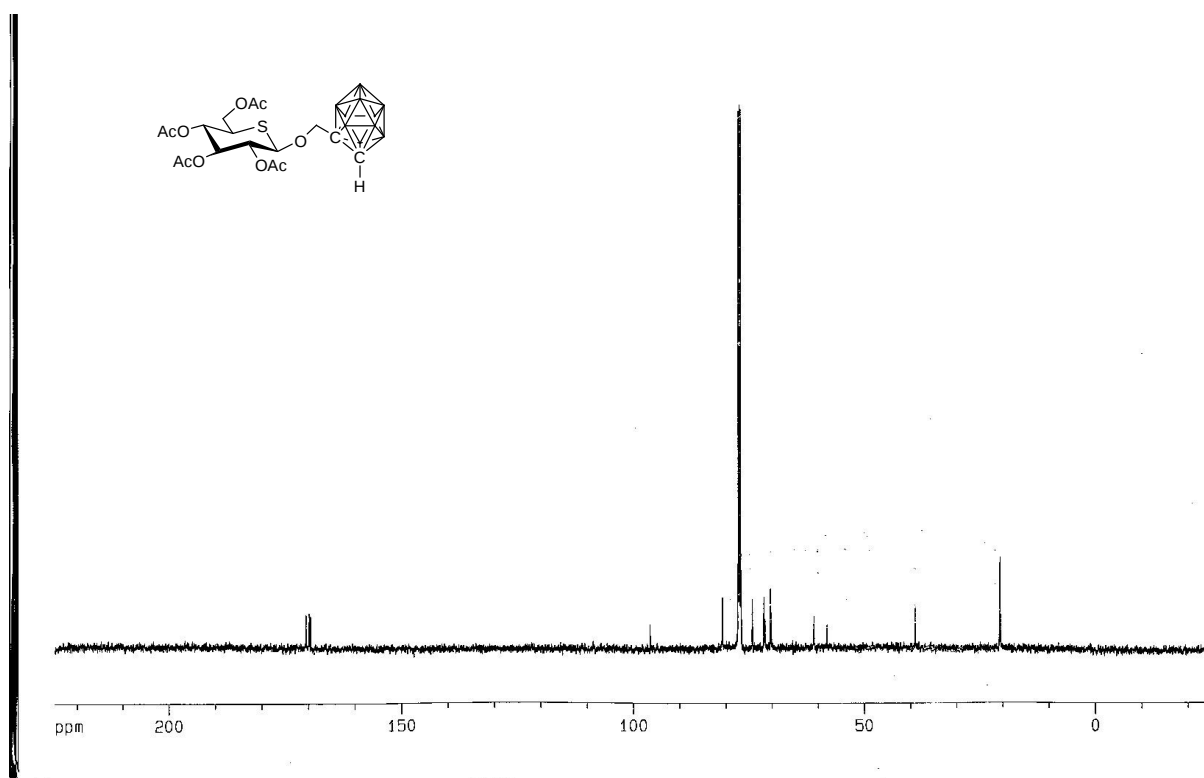
^{11}B NMR of Compound **16** (96.3 MHz, Solvent: d_4 -MeOH)



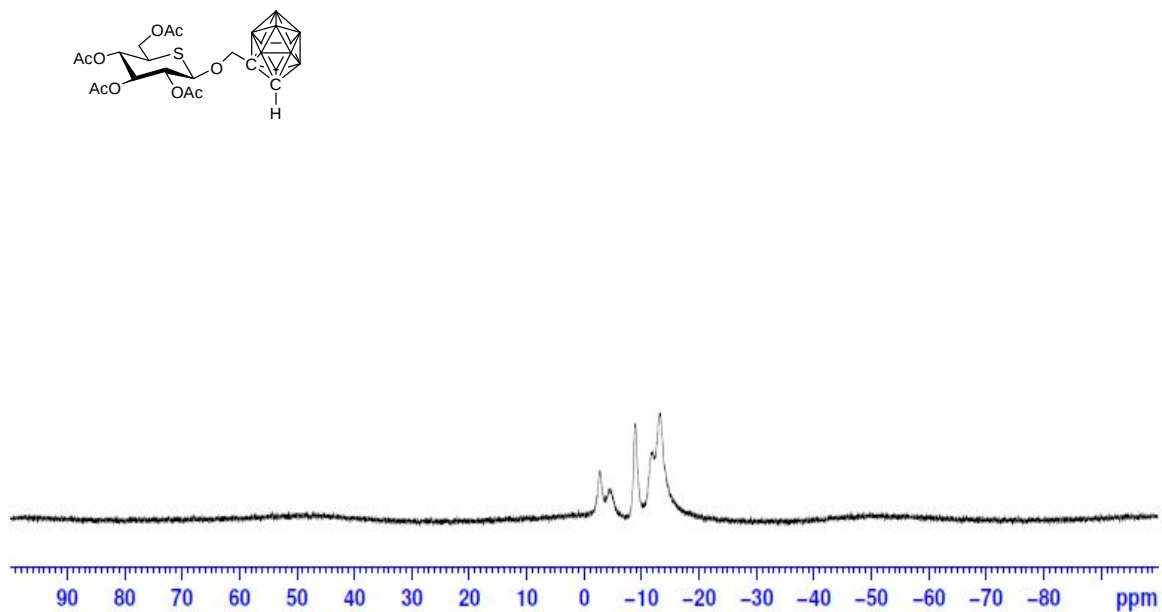
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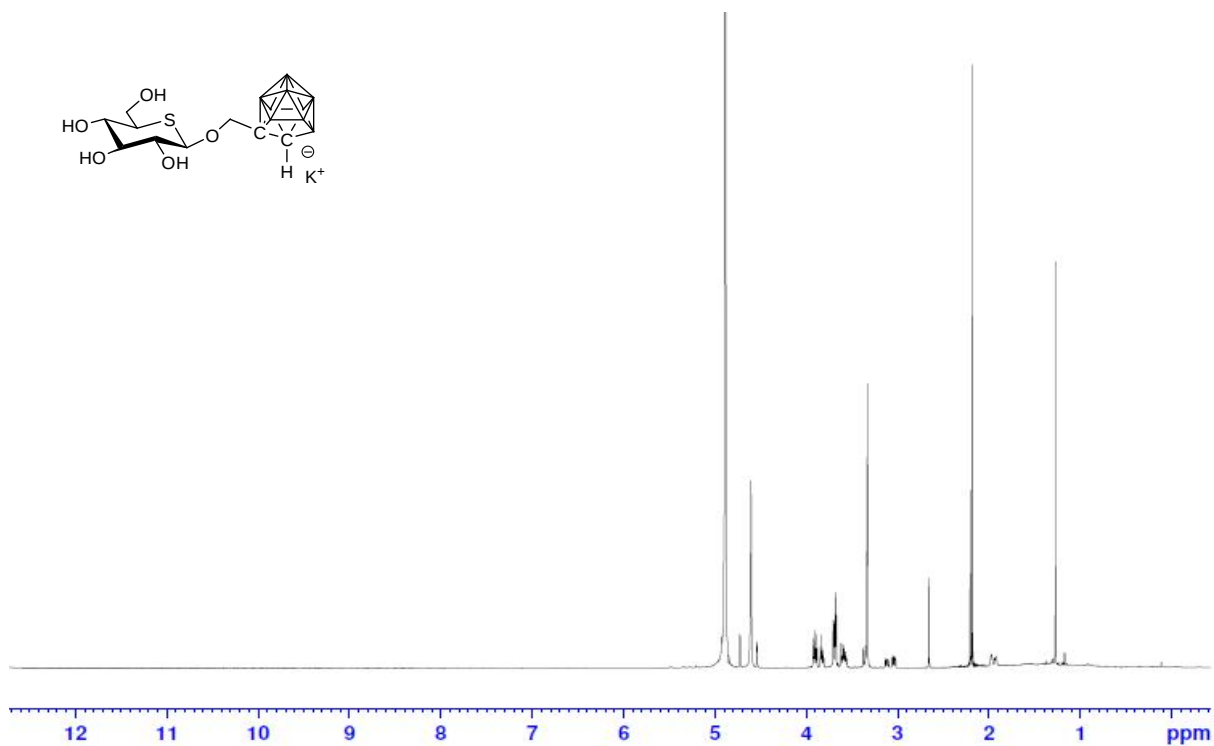
^{13}C NMR of Compound 17 (125 MHz, CDCl_3)



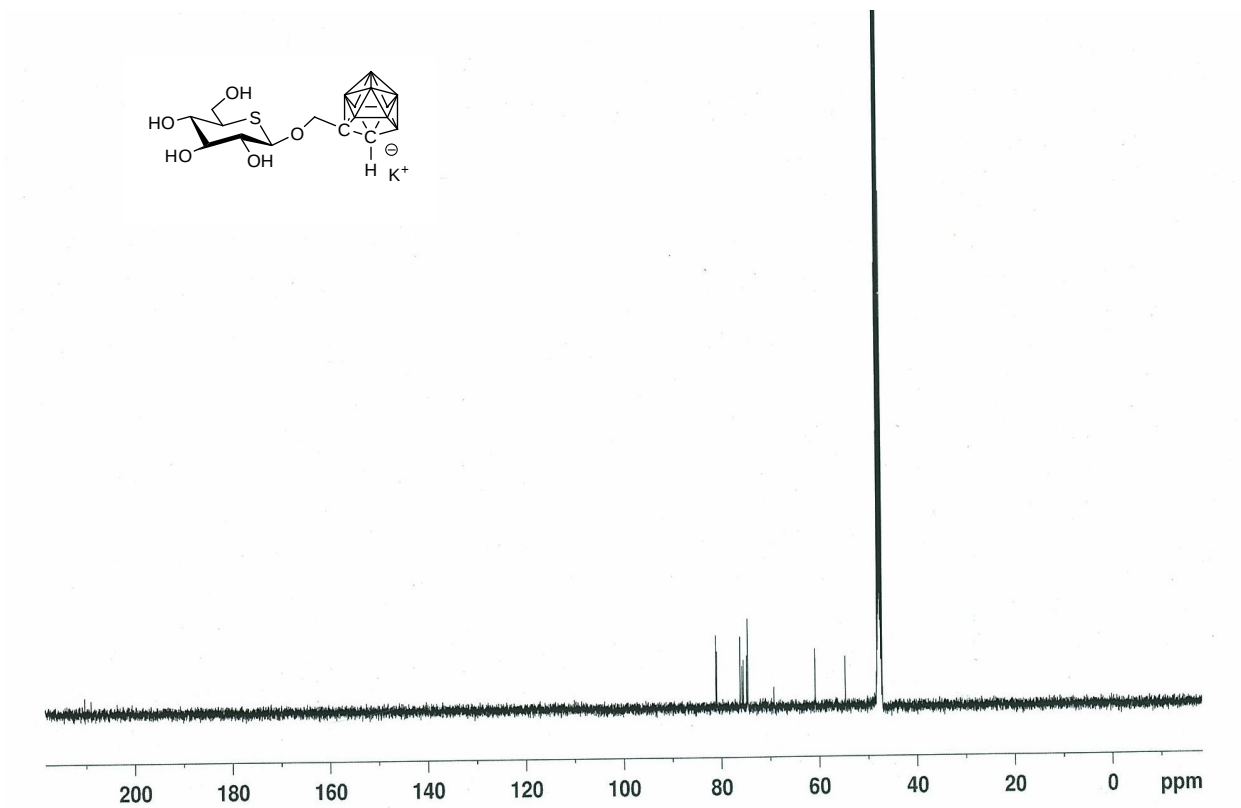
^{11}B NMR of Compound **17** (160.5 MHz, CDCl_3)



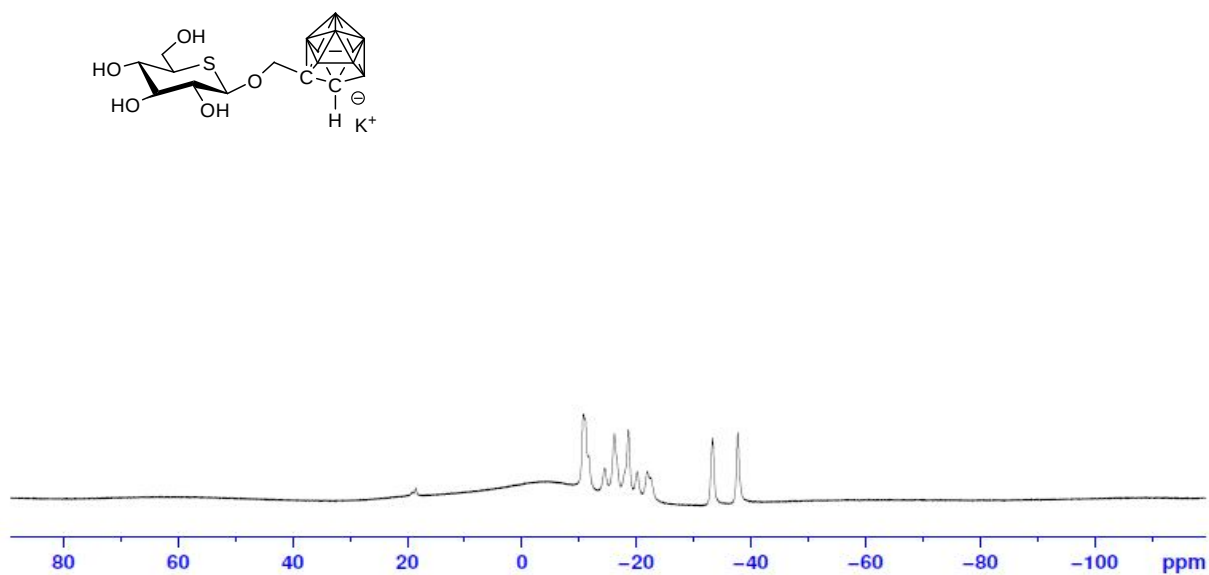
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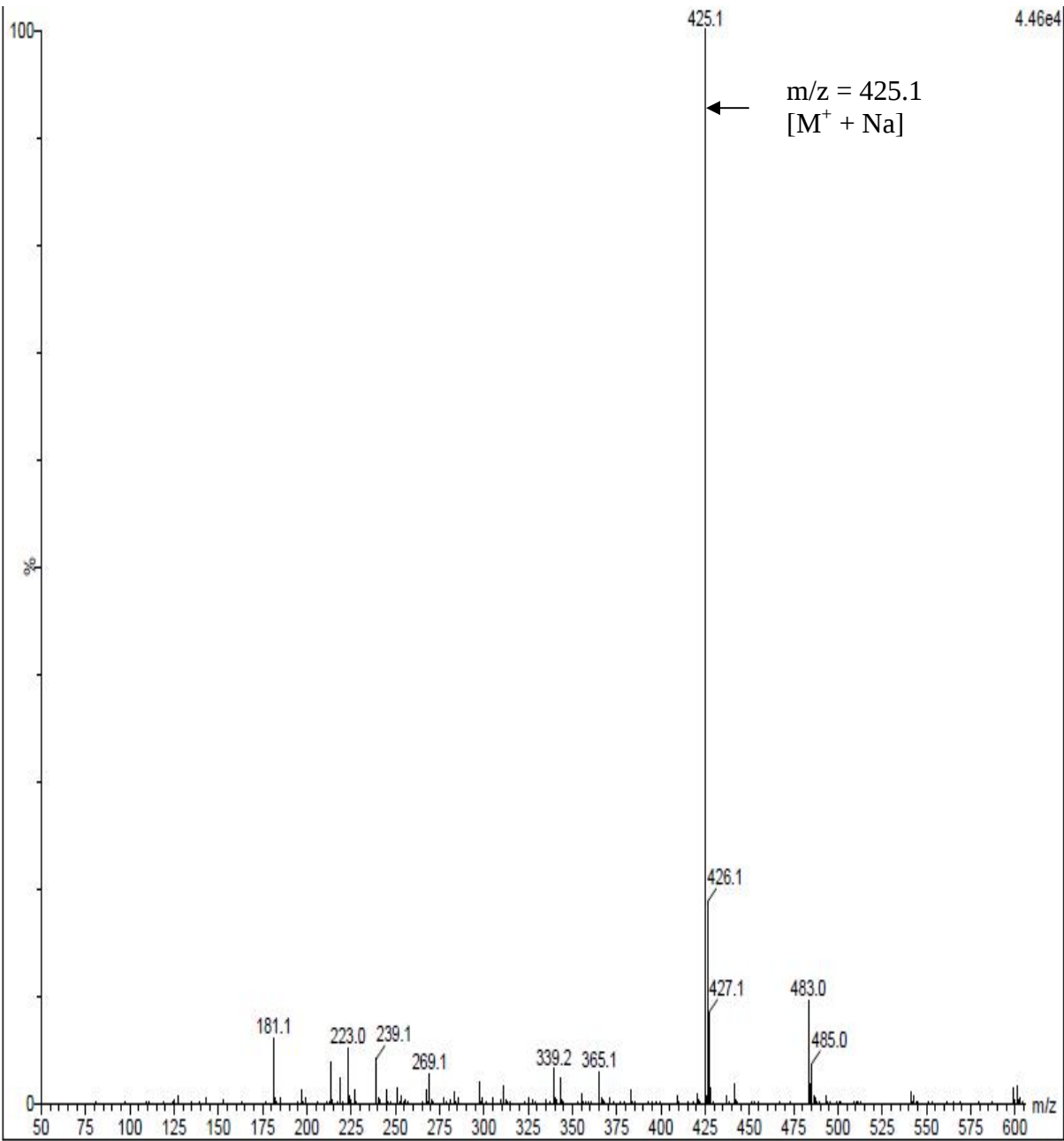
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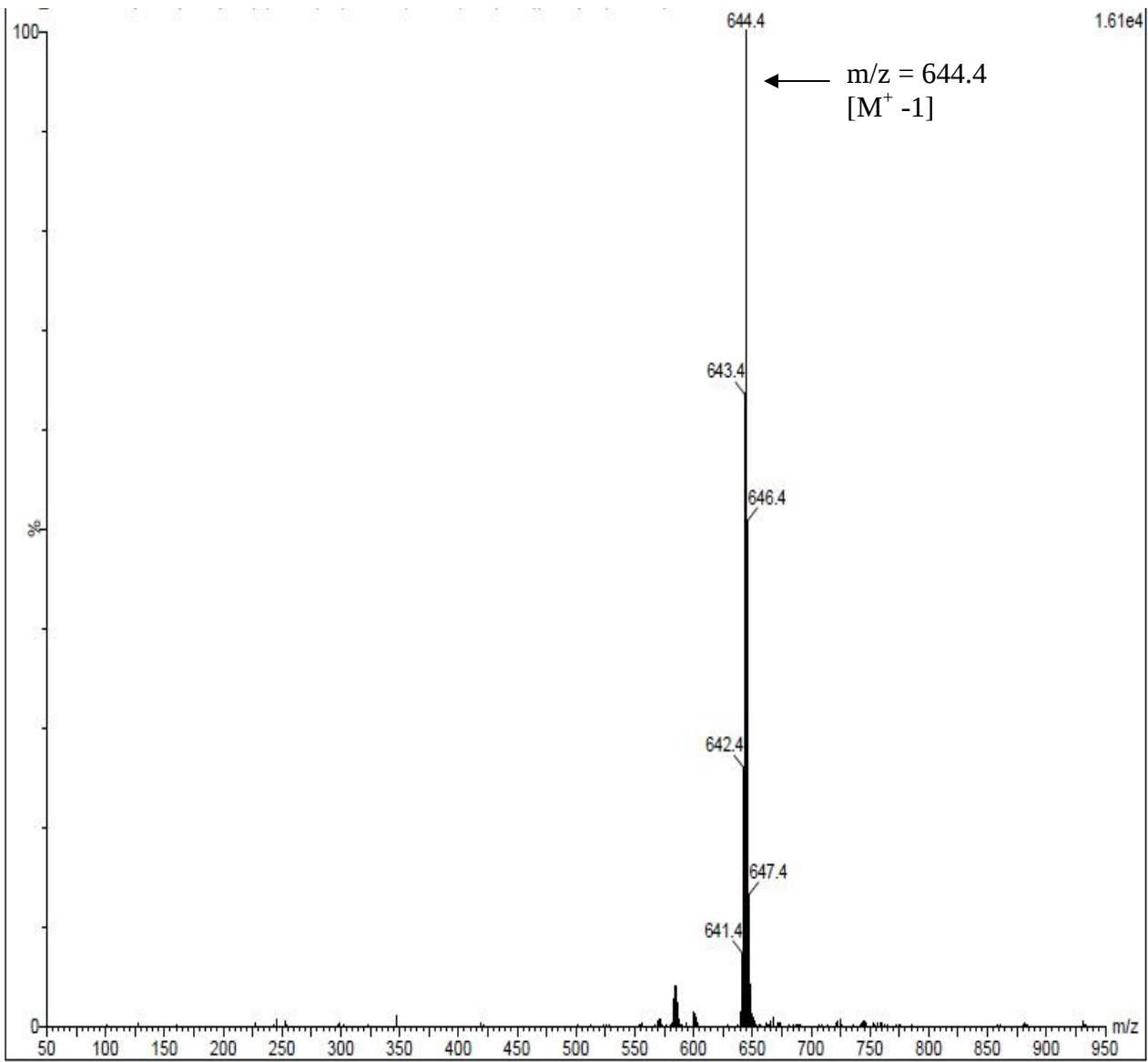
^{11}B NMR of Compound **18** (160.5 MHz, d_4 -MeOH)



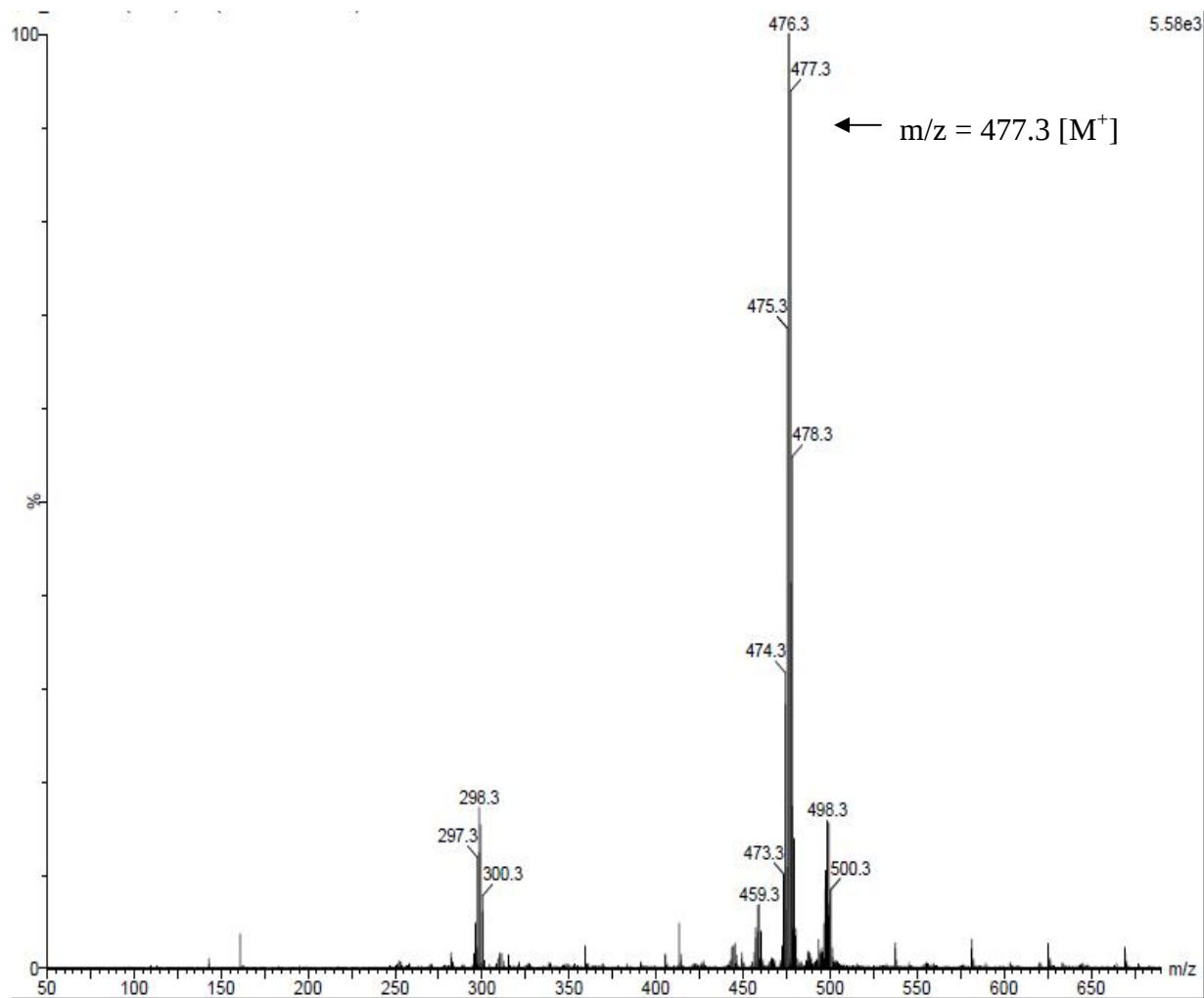
ES-MS Mass Spectra of Compound 8



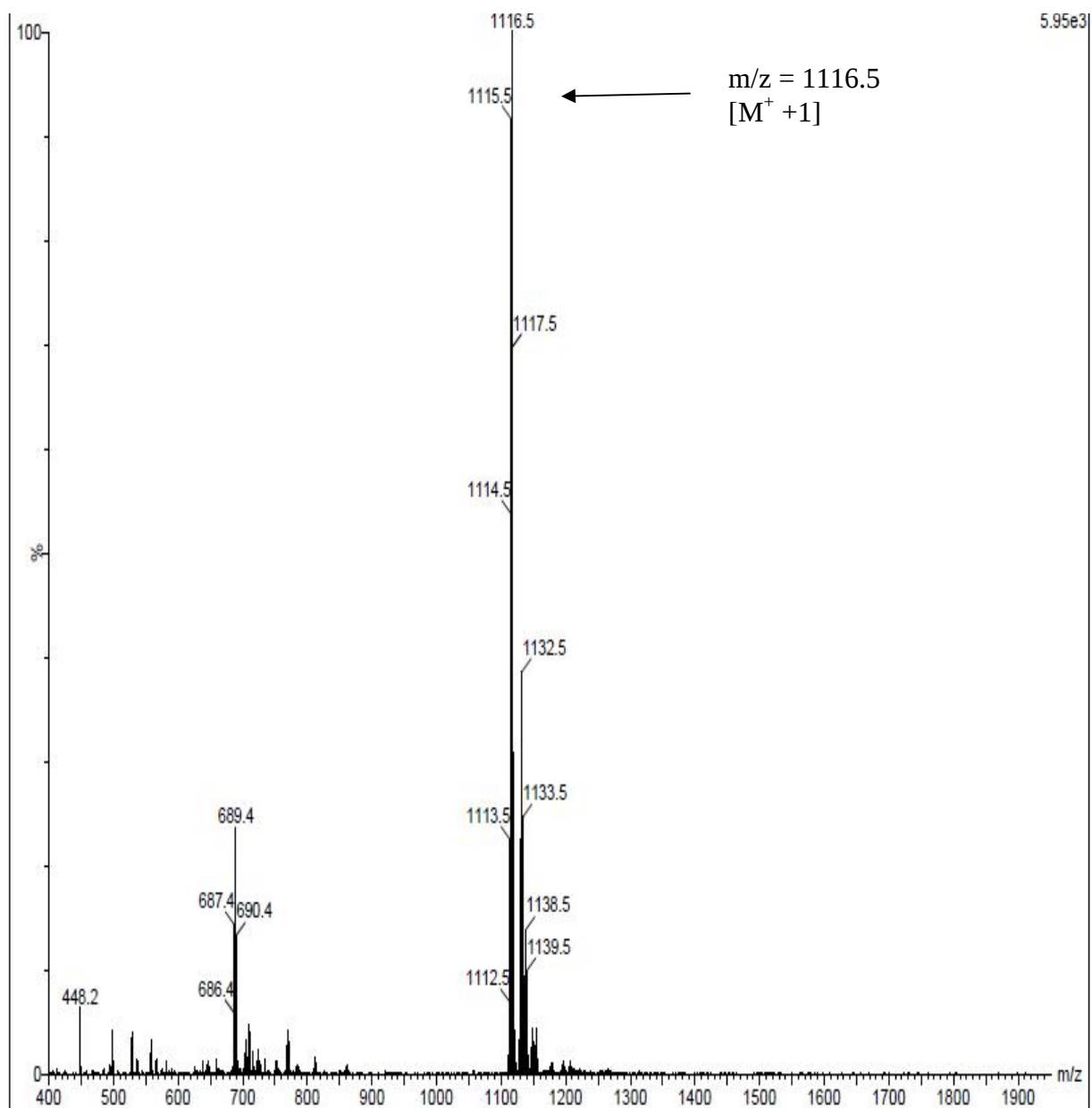
ES-MS mass Spectra of Compound 9



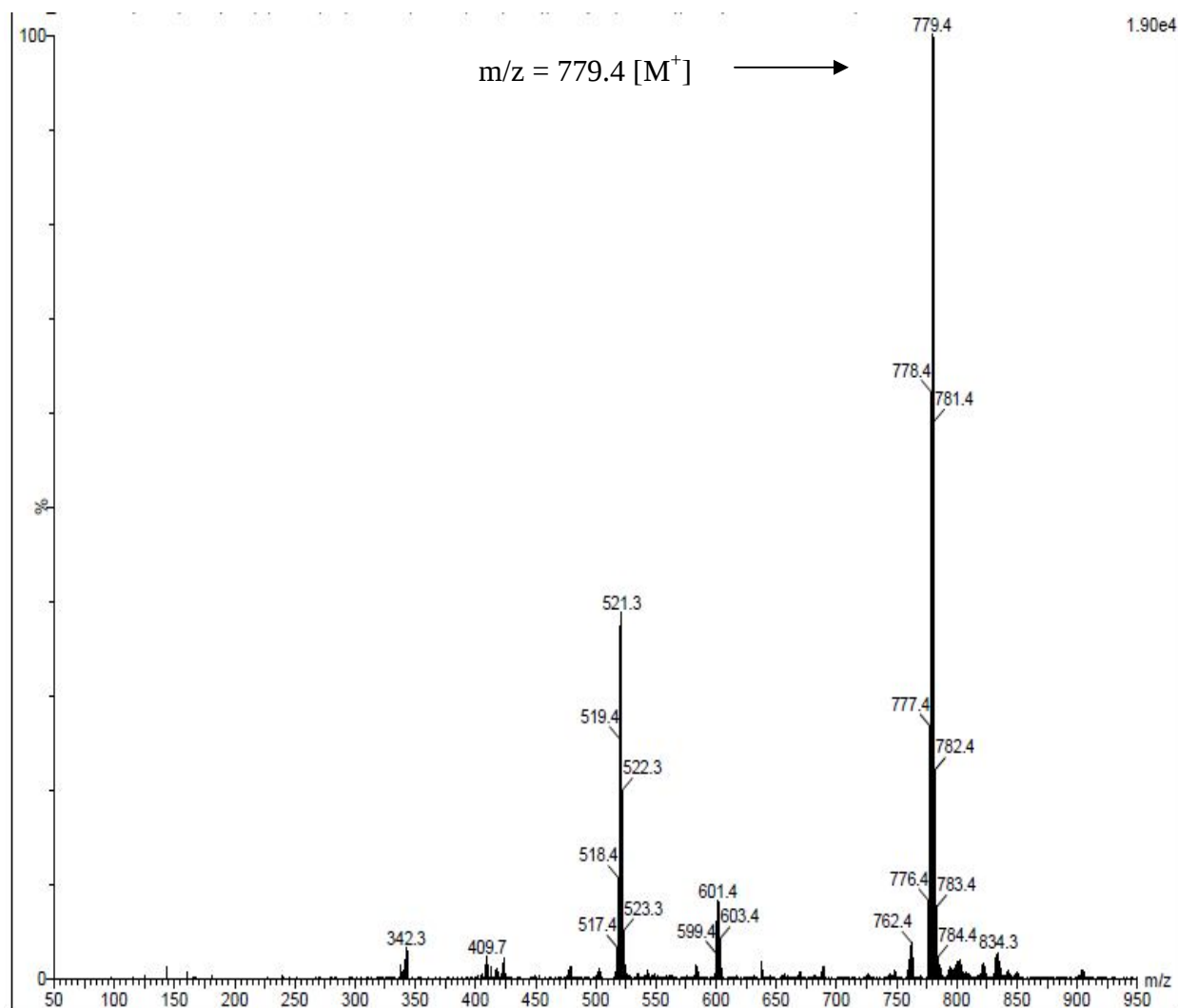
ES-MS mass Spectra of Compound 10



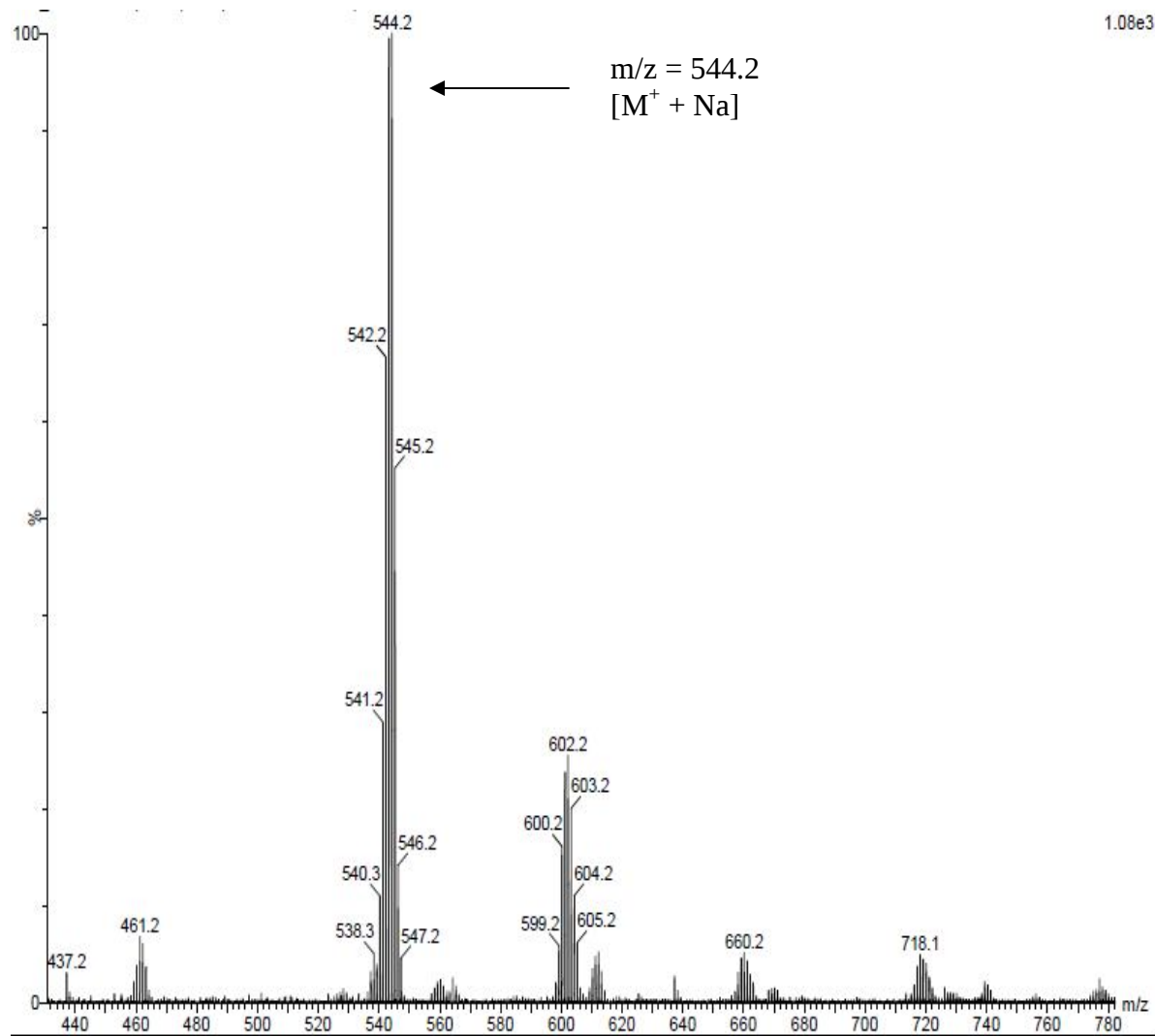
ES-MS mass Spectra of Compound 15



ES-MS mass Spectra of compound 16



ES-MS Mass Spectra of Compound 17



ES-MS Mass Spectra of Compound 18

