Synthesis of *N,N*-dimethylaminopropyl Derivative of A Blood Sugar Antigen

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Supporting Information

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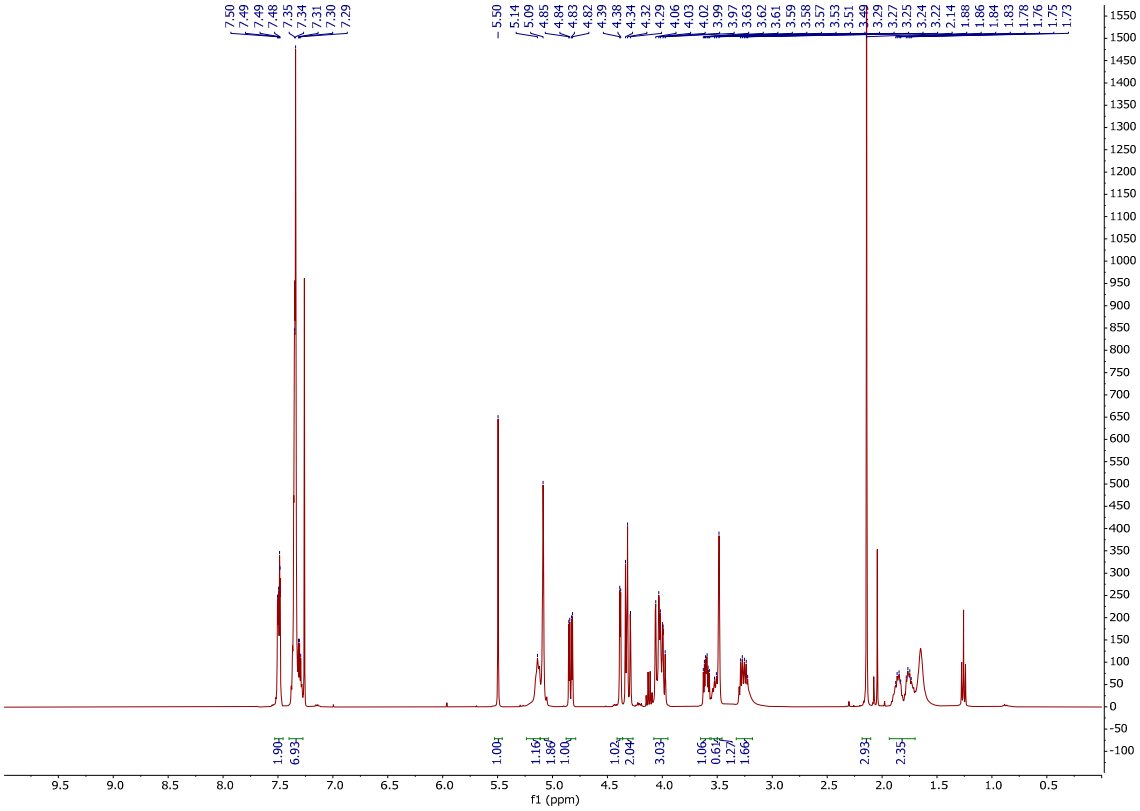
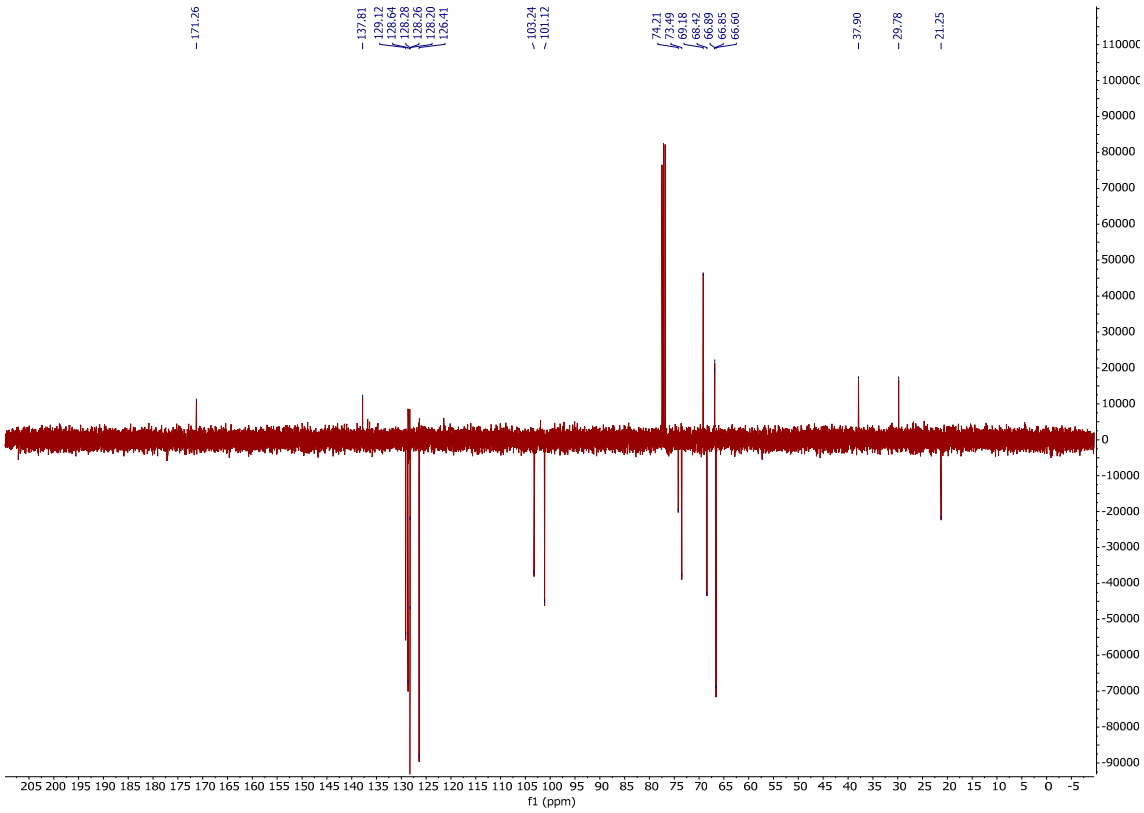
NMR spectra of synthesized compounds

Compound 2

^{1}H-NMR (400 MHz, $CDCl_3$)

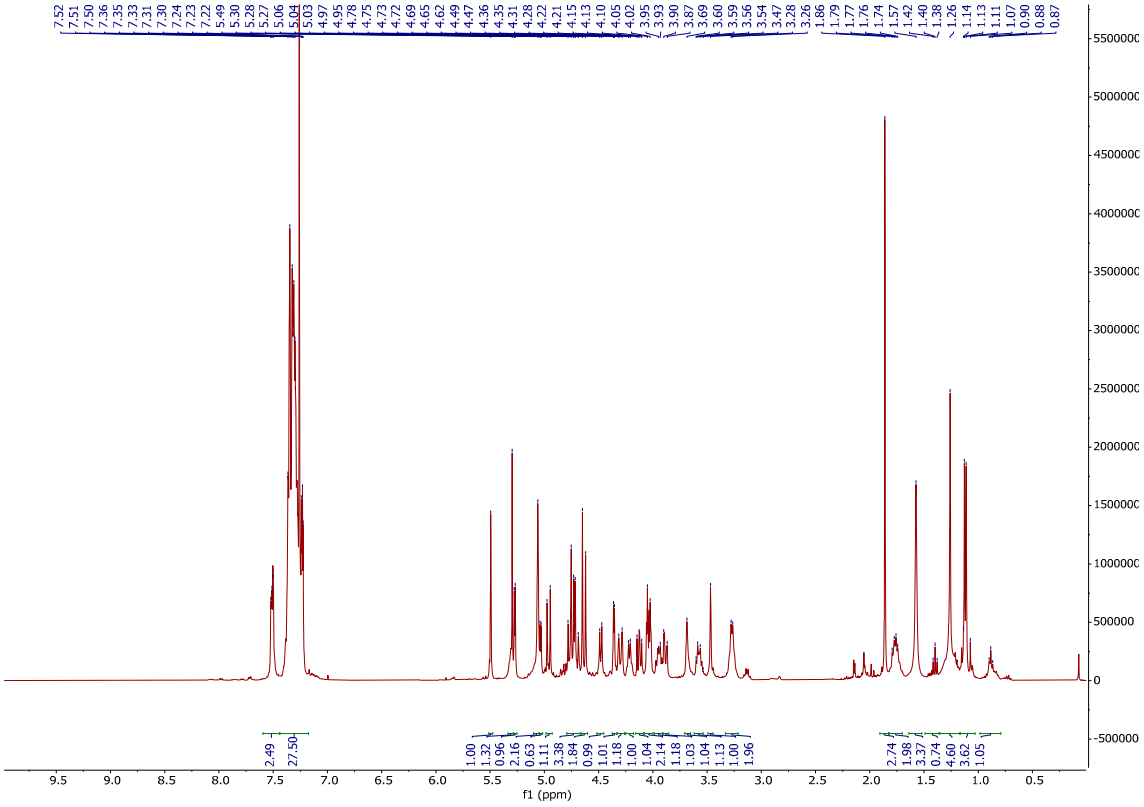


^{13}C-NMR (100 MHz, $CDCl_3$)

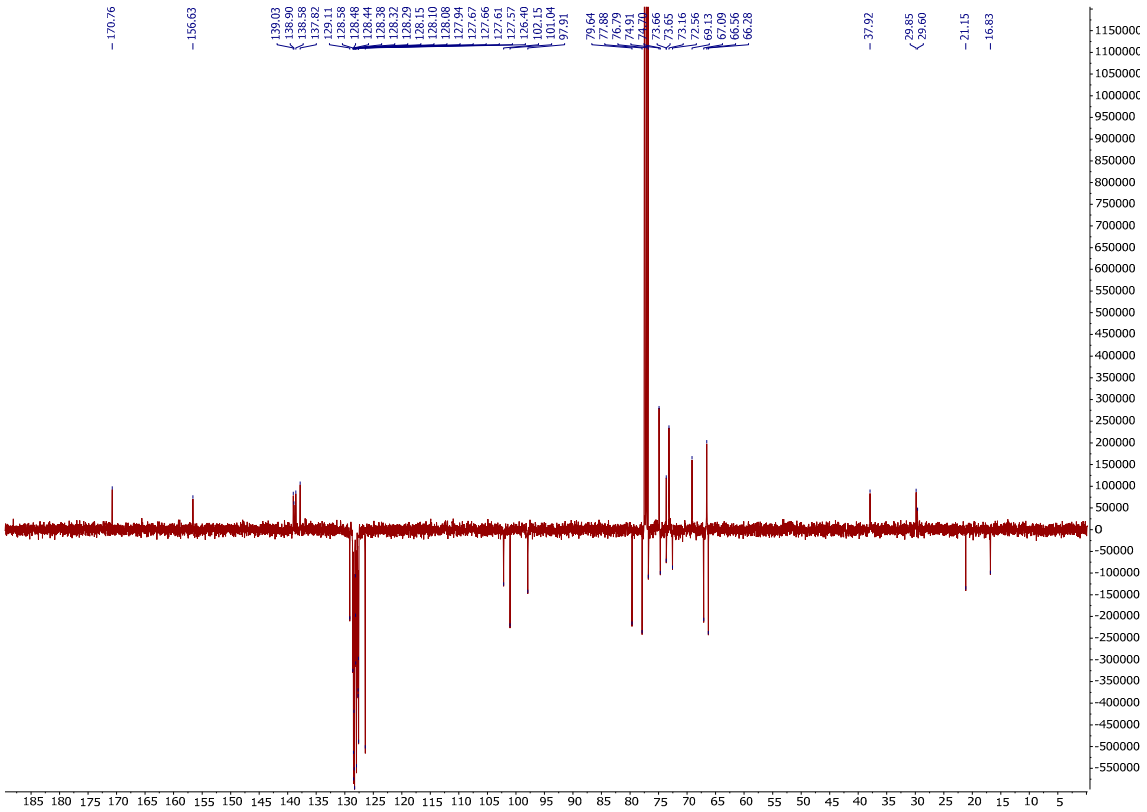


Compound 4

^{1}H-NMR (400 MHz, $CDCl_3$)

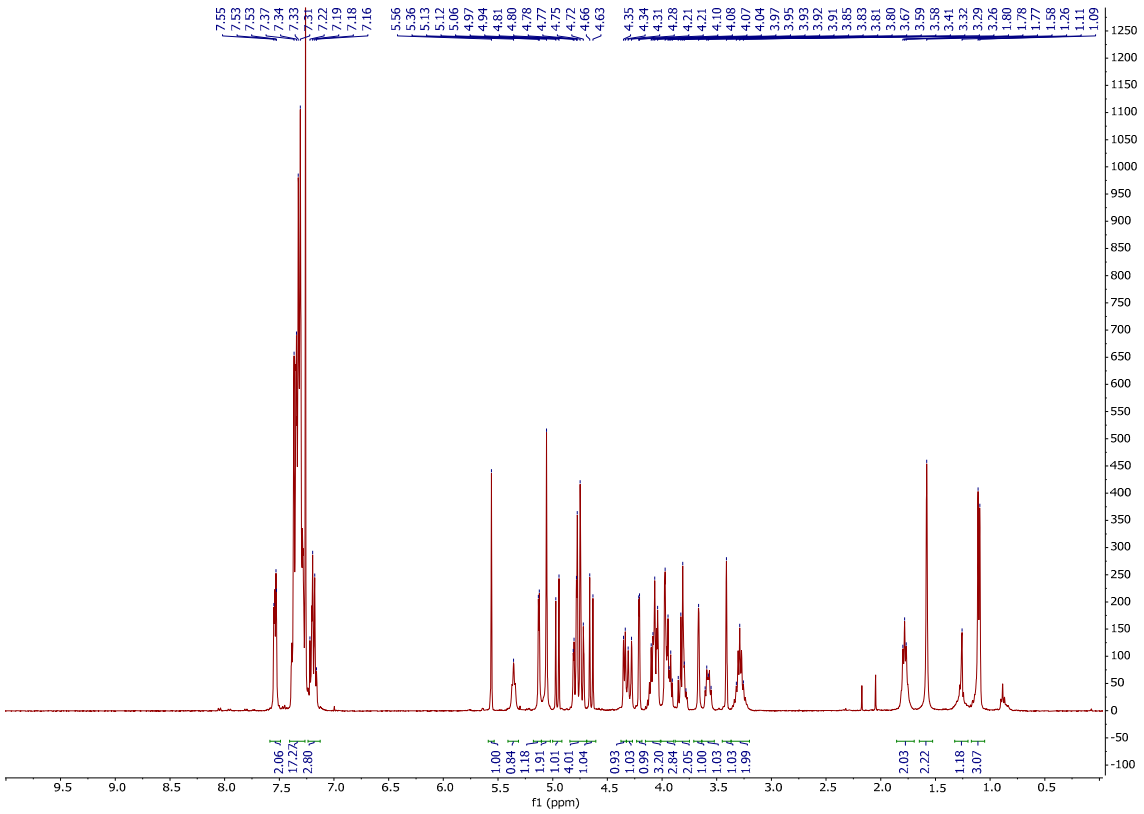


^{13}C-NMR (100 MHz, $CDCl_3$)

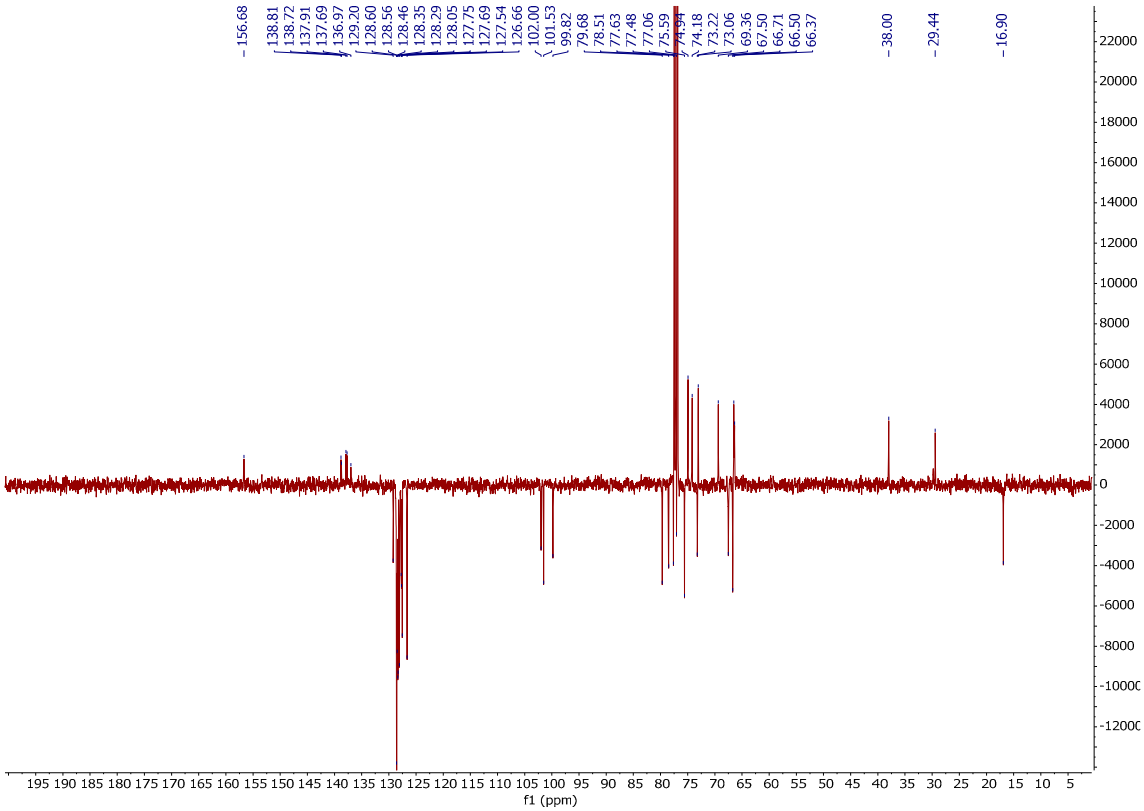


Compound 5

^{1}H-NMR (400 MHz, $CDCl_3$)

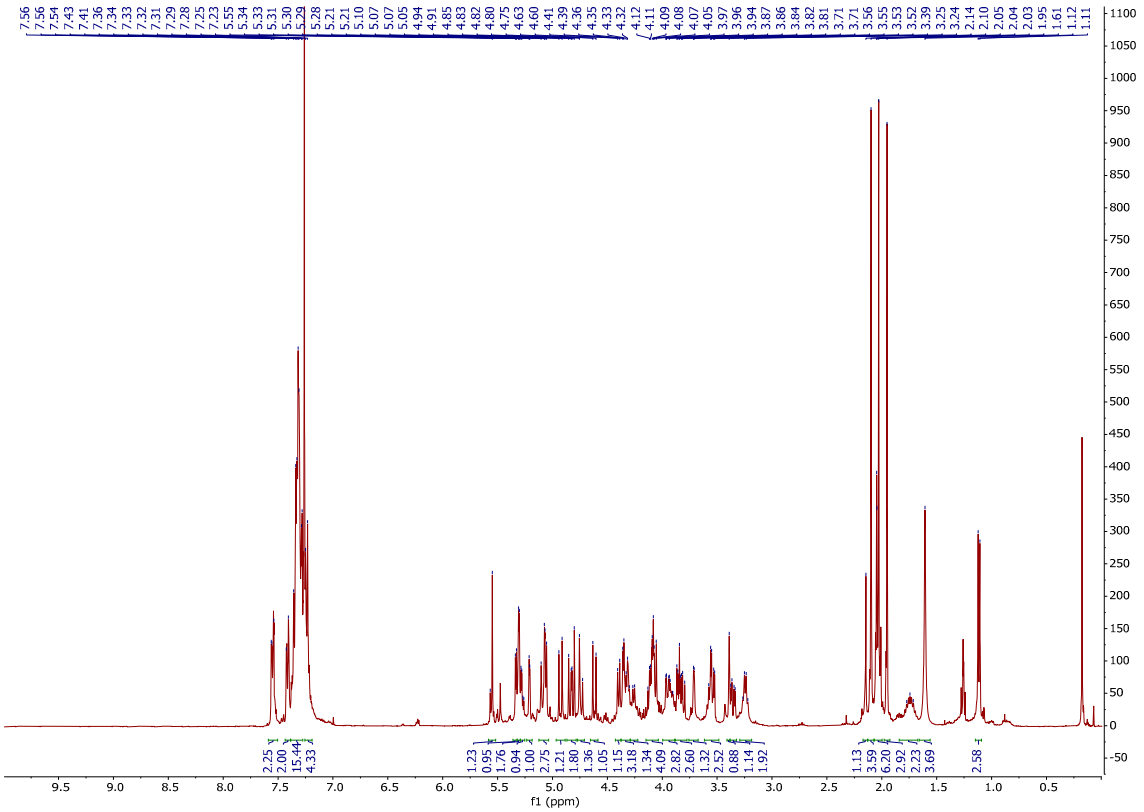


^{13}C-NMR (100 MHz, $CDCl_3$)

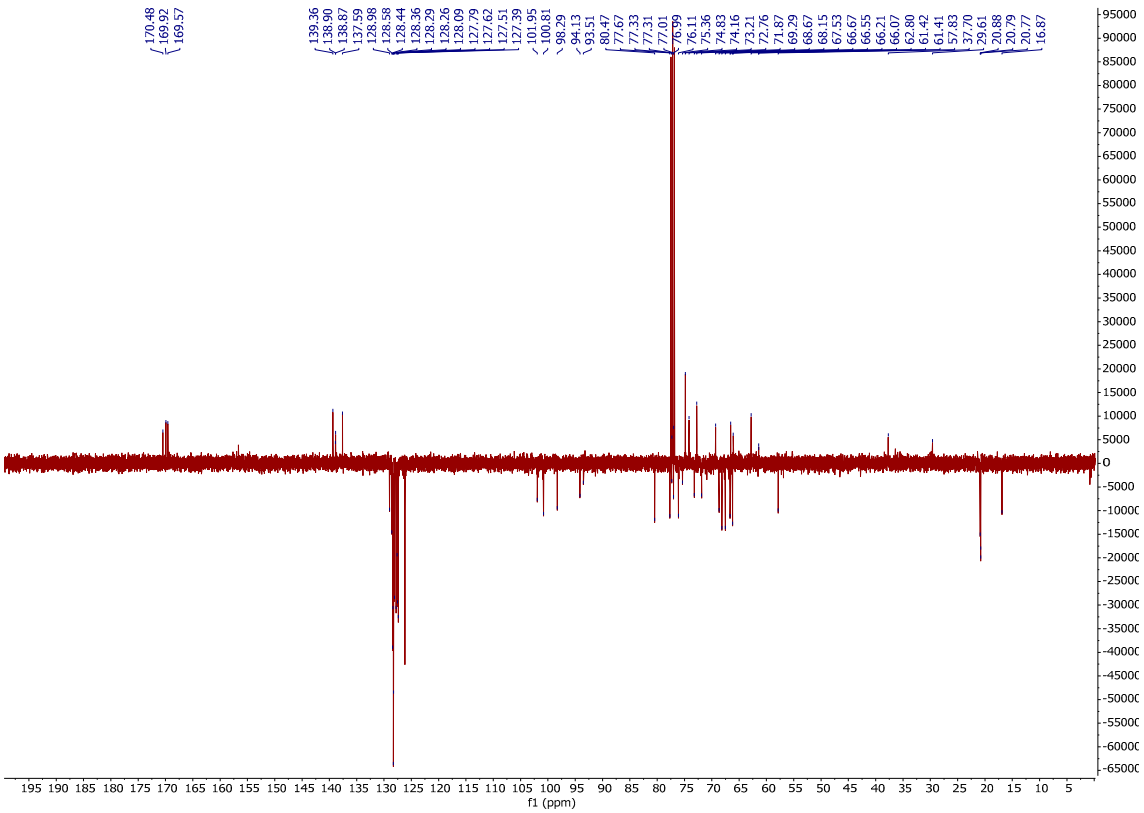


Compound 7

^{1}H-NMR (400 MHz, $CDCl_3$)

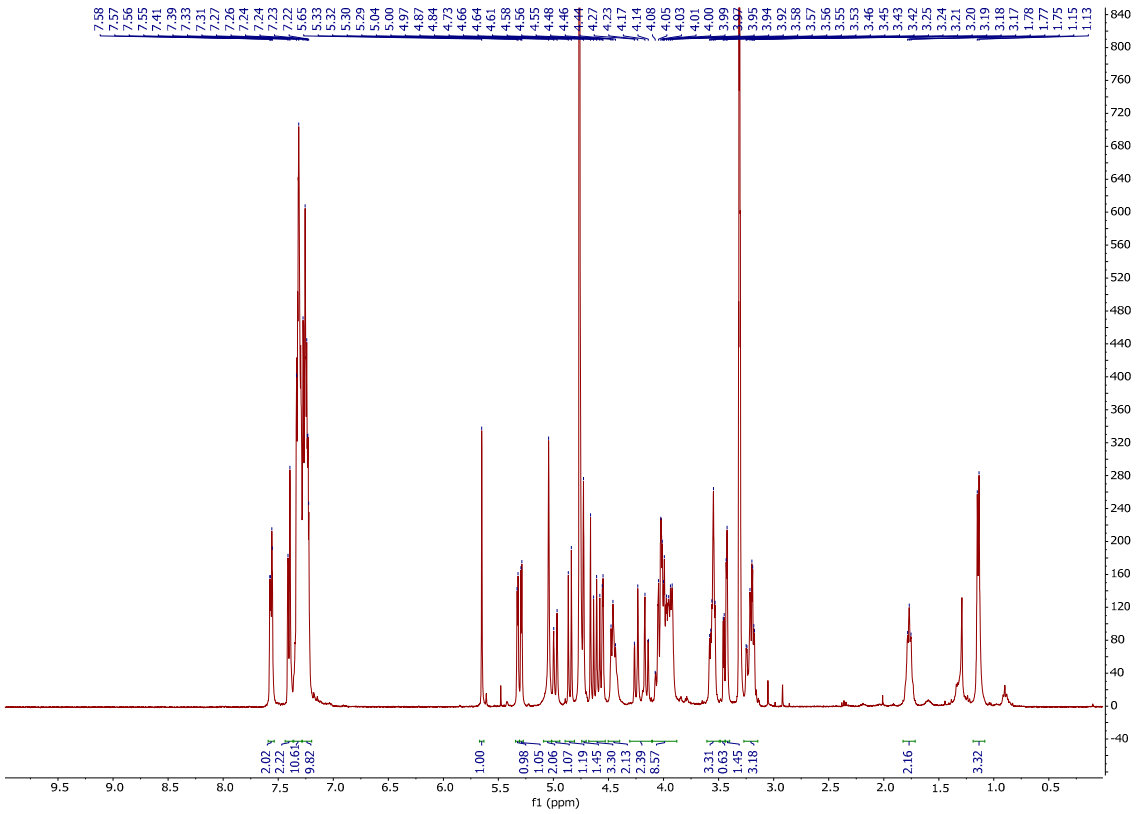


^{13}C-NMR (100 MHz, $CDCl_3$)

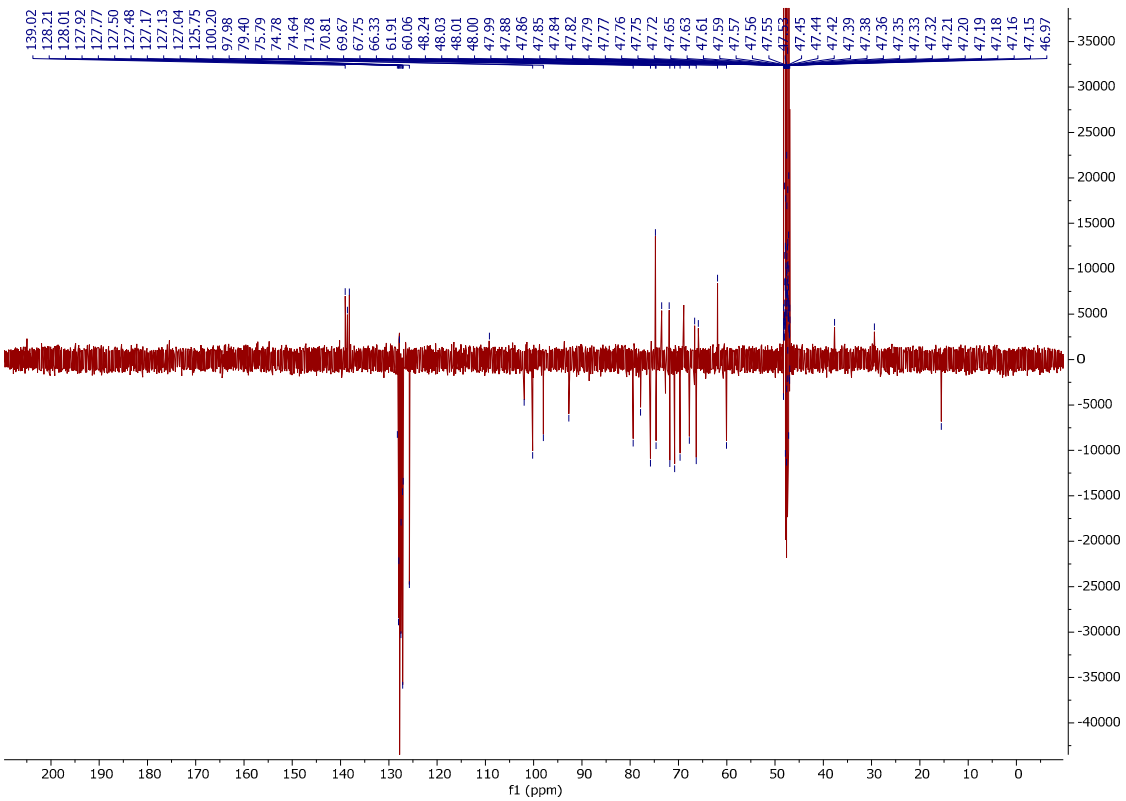


Compound 8

^{1}H-NMR (400 MHz, CD_3OD)

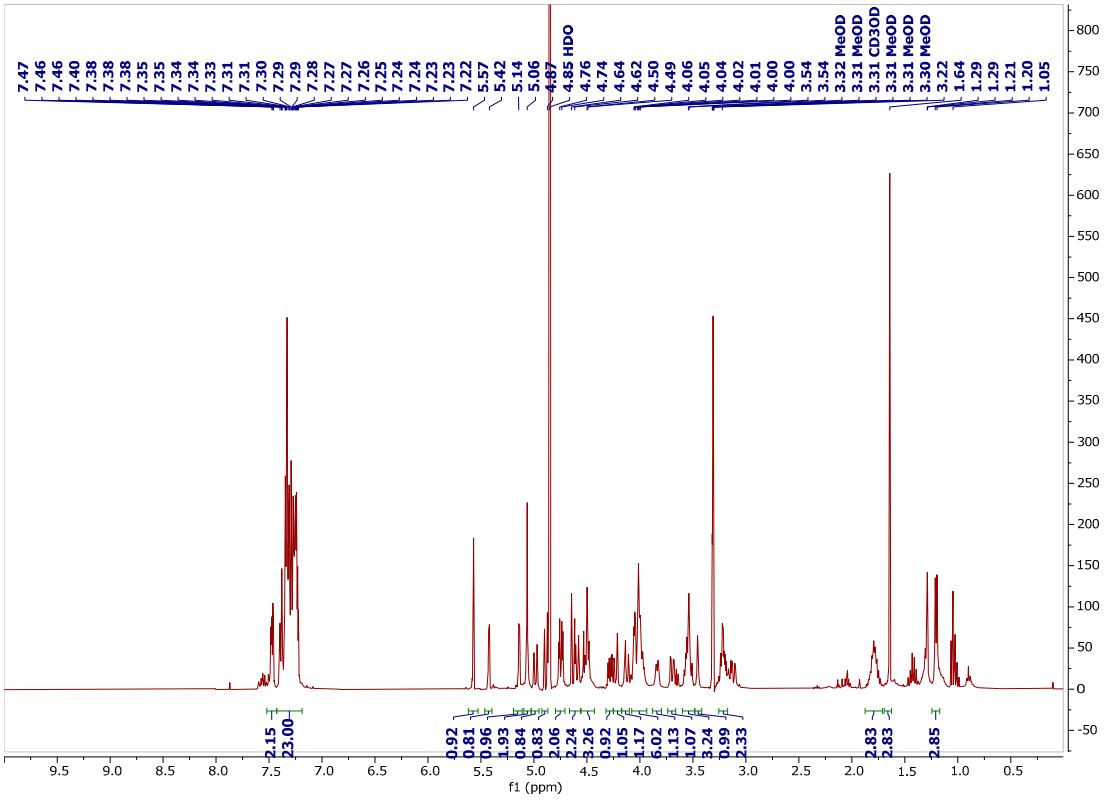


^{13}C-NMR (100 MHz, CD_3OD)

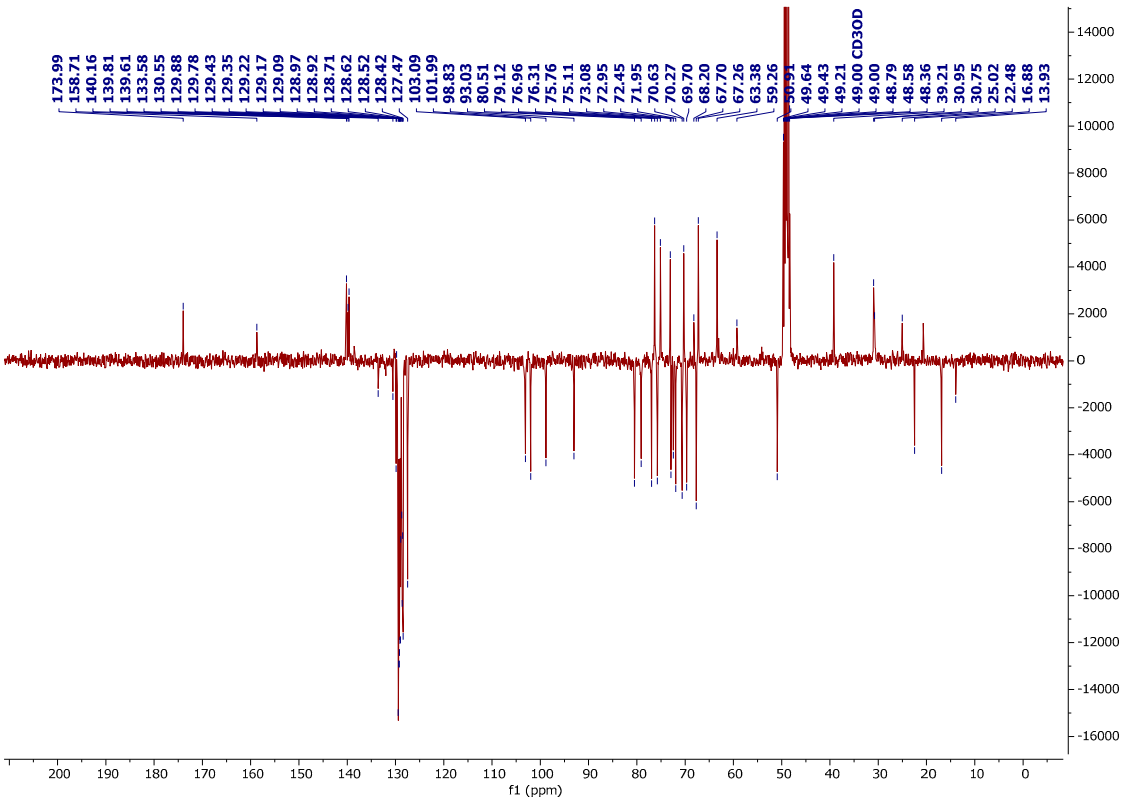


Compound 10

^{1}H-NMR (400 MHz, CD_3OD)

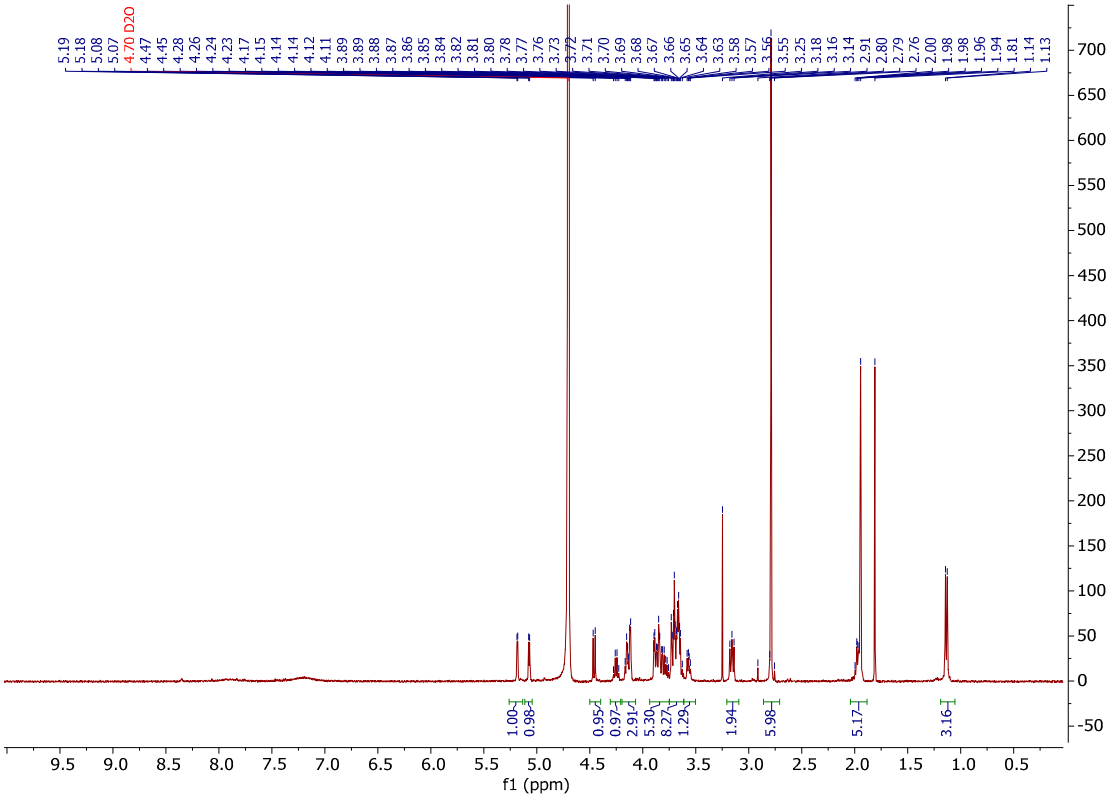


^{13}C-NMR (100 MHz, CD_3OD)

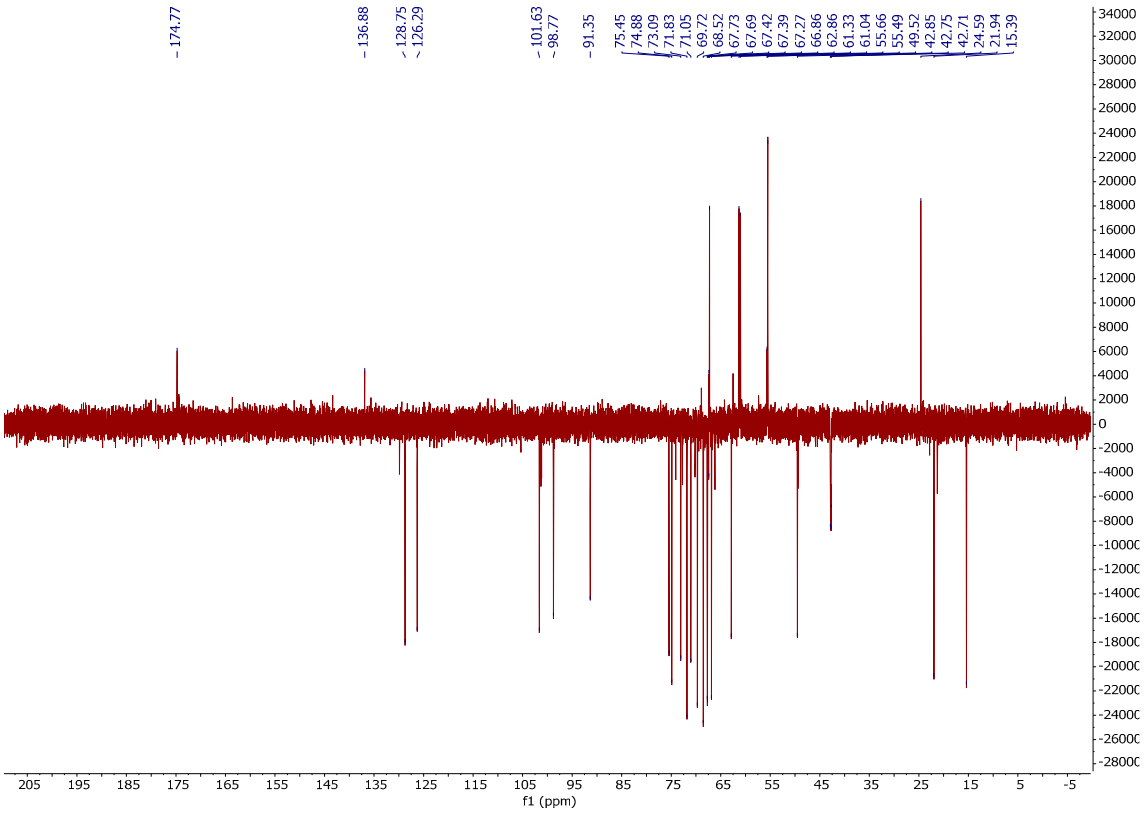


Compound 11

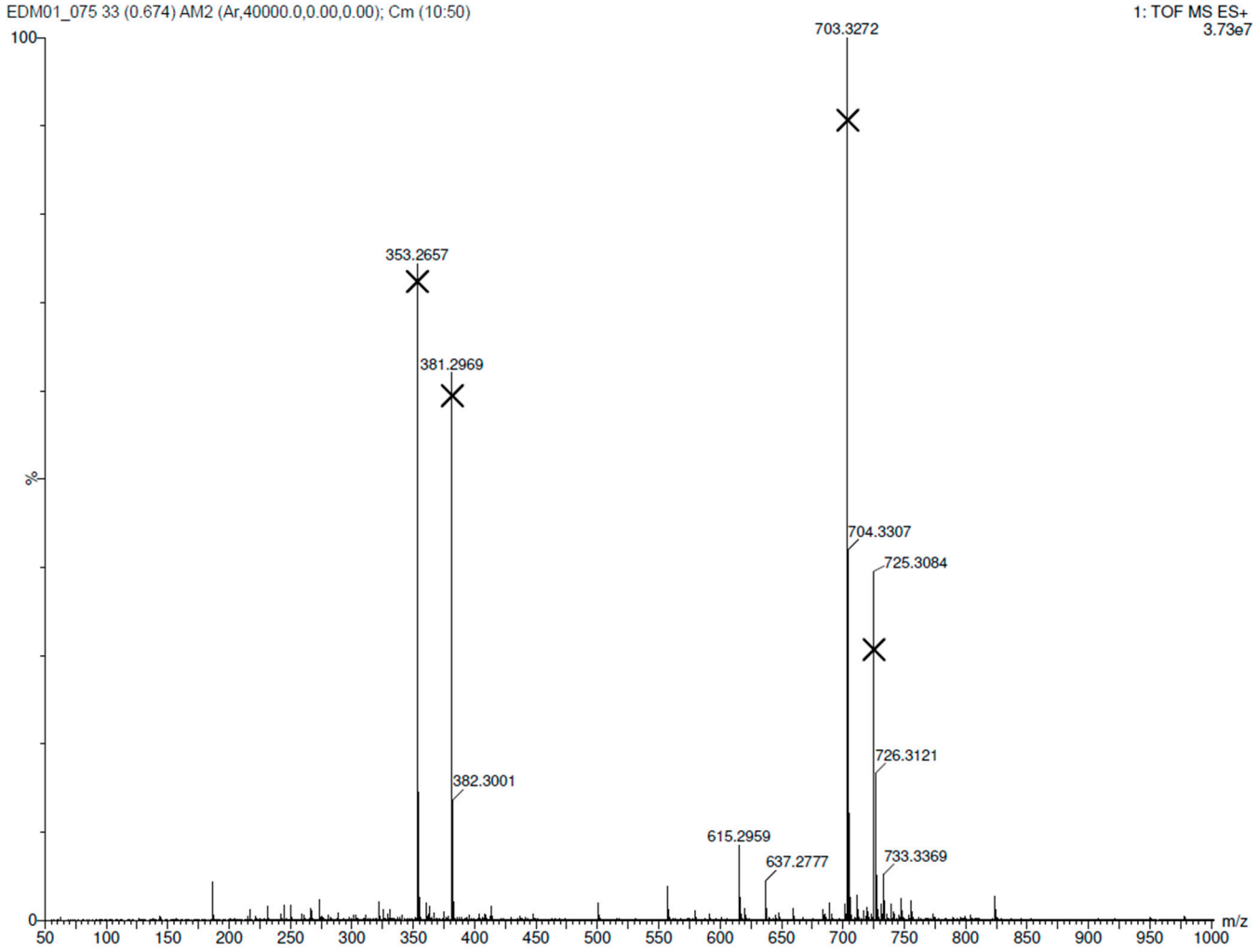
^{1}H-NMR (400 MHz, D_2O)



^{13}C-NMR (100 MHz, D_2O)



HRMS spectrum of compound 11



X – peaks derived from contaminants from the MS Ion Source during the analysis (contaminants due to plastics and modifiers).