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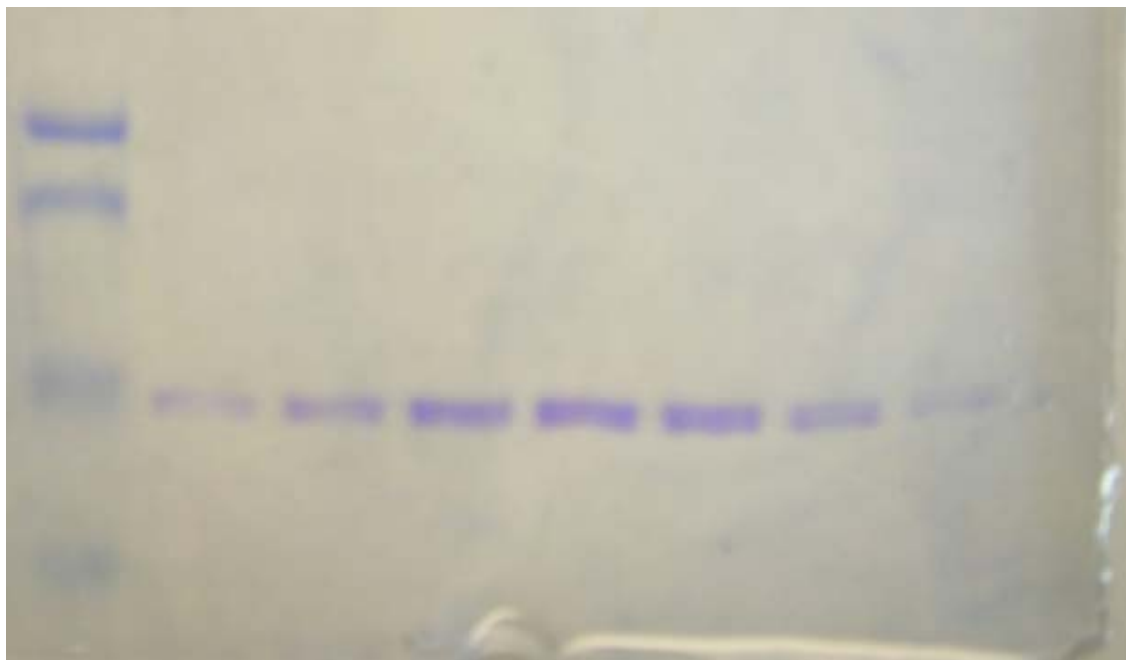
Brønsted Analysis of an Enzyme-Catalyzed Pseudo-Deglycosylation Reaction: Mechanism of
Desialylation in Sialidases

Fahimah Shidmoosavee, Lydia Cheng, Jacqueline N. Watson and Andrew J. Bennet*

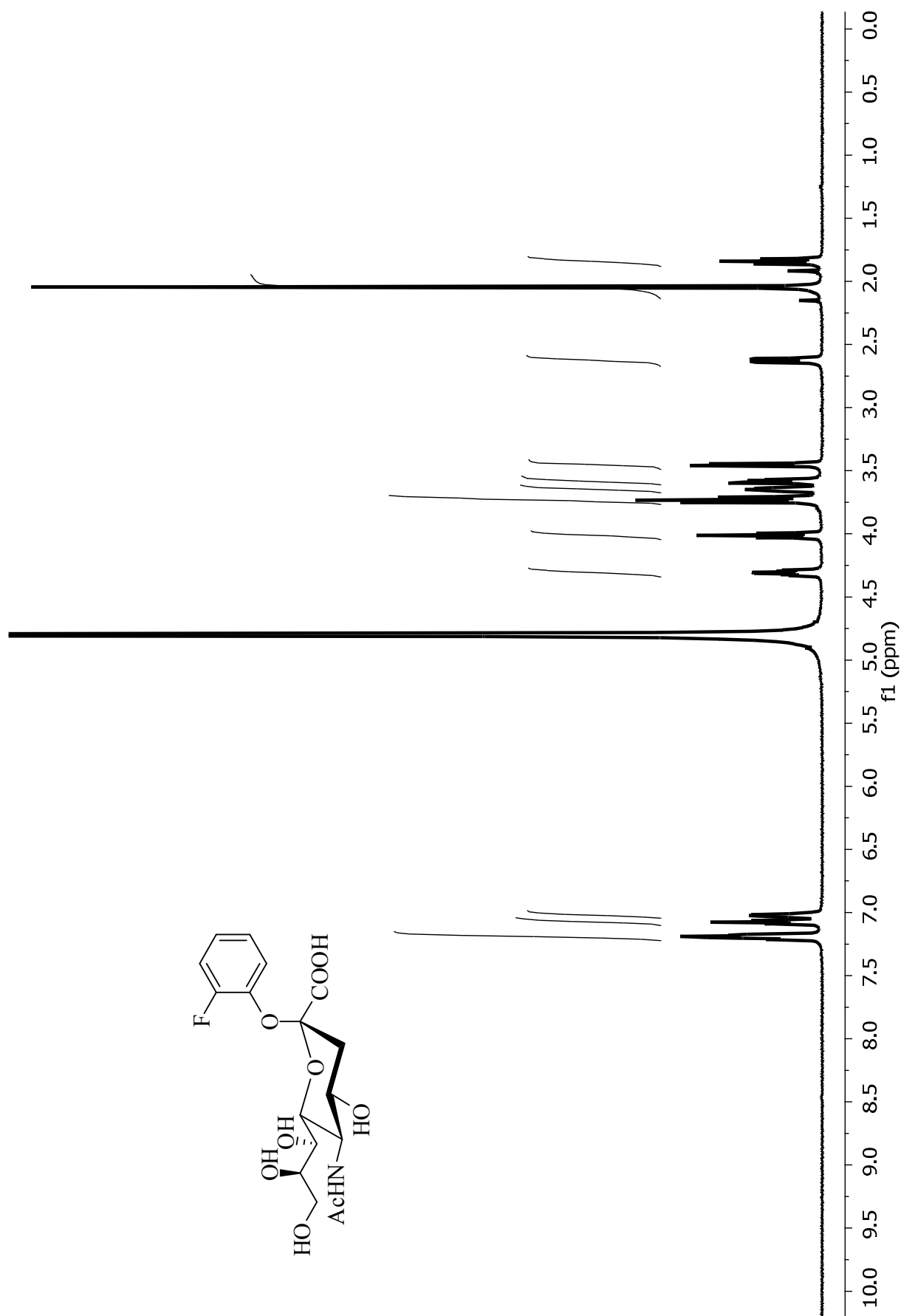
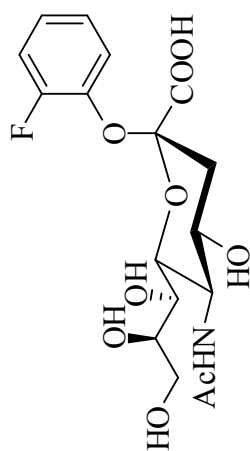
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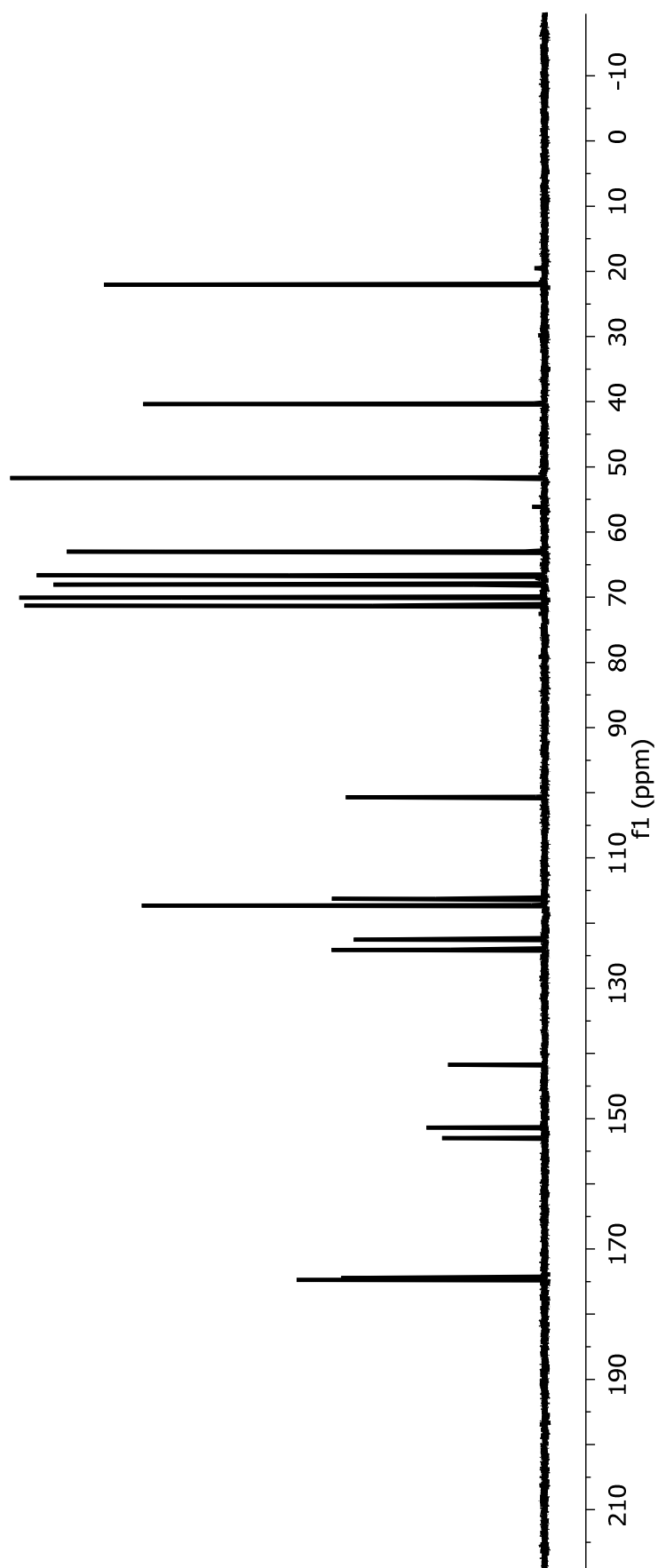
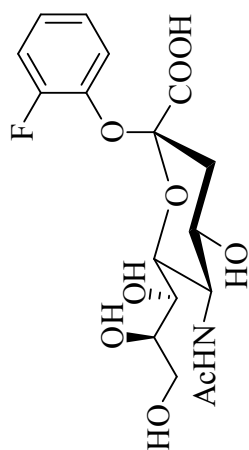
Figure S1: 10% SDS-PAGE Denaturing Gel Fractions after Size Exclusion Column were loaded. Left-hand channel, top to bottom, contains molecular weight markers of 104, 83, 49 and 37 KDa.



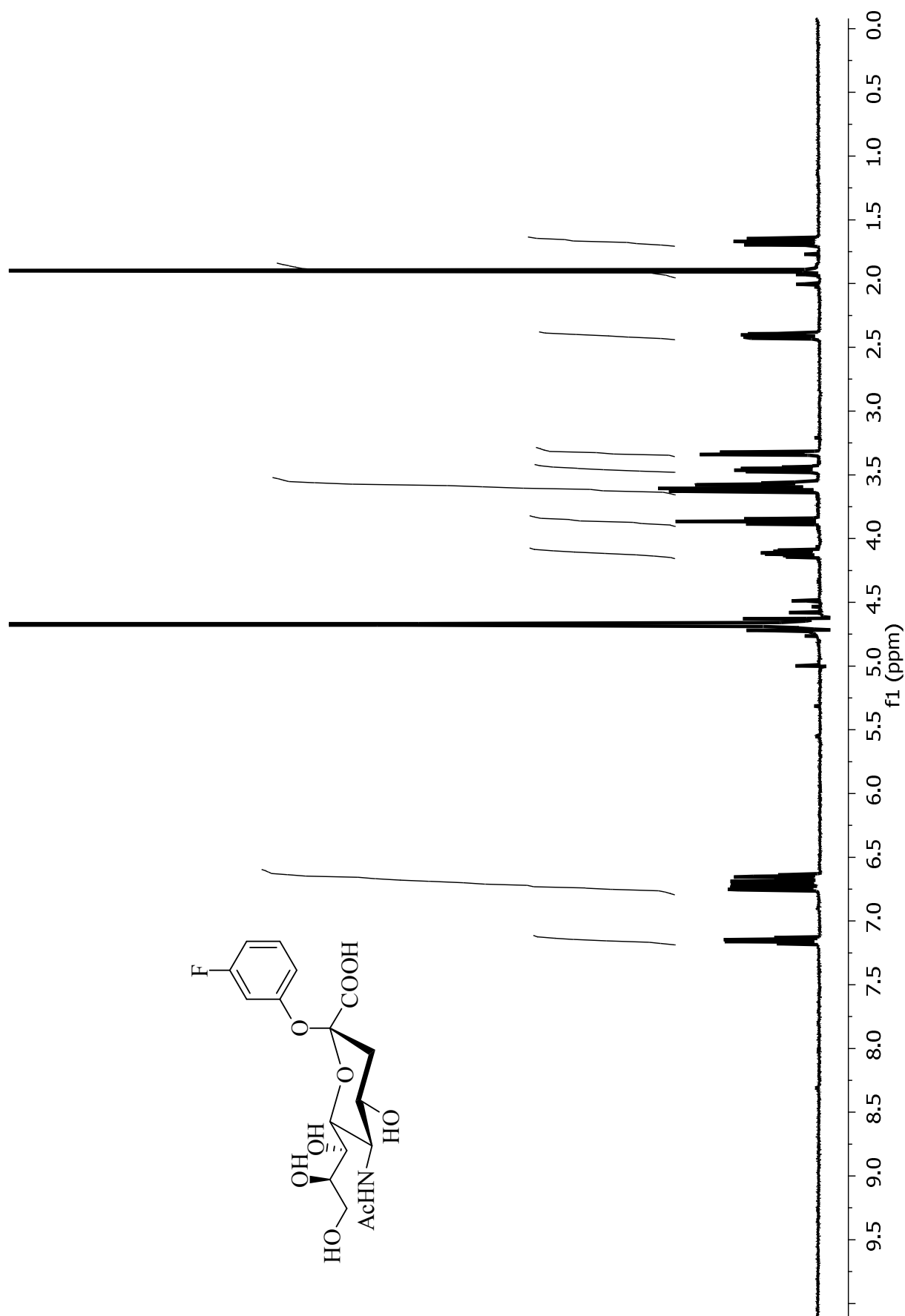
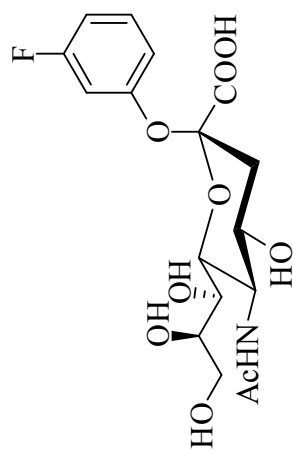
¹H-NMR of 2-fluorophenyl β-D-*N*-acetylneuraminide (in D₂O) (2FP-βNeuAc) (1b)



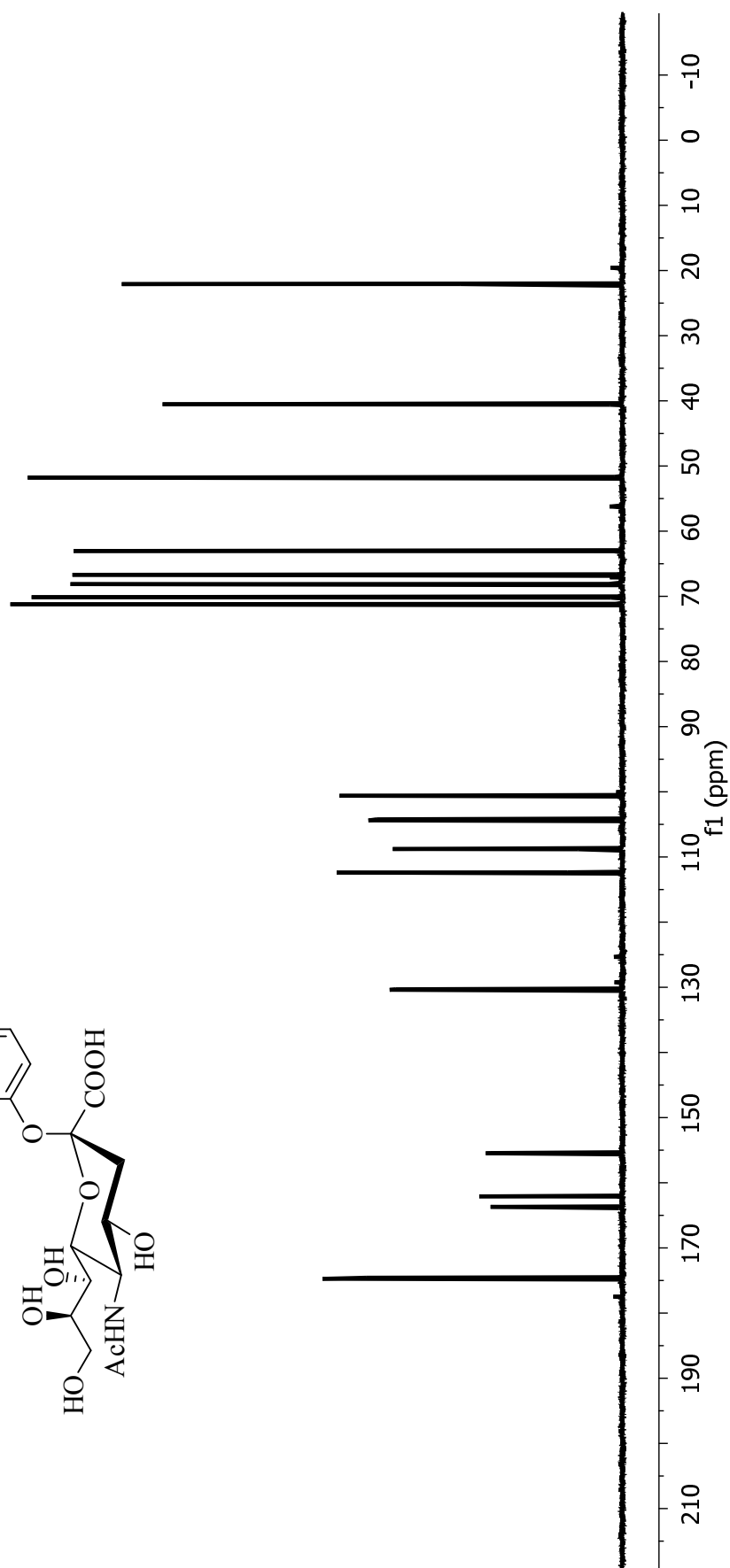
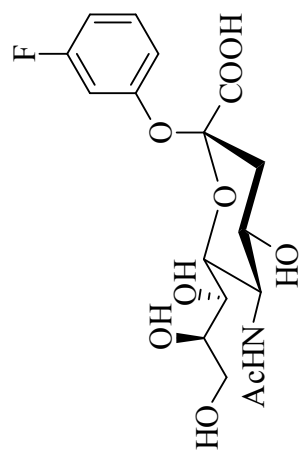
^{13}C -NMR of 2-fluorophenyl β -D-*N*-acetylneuraminide (in D_2O) (2FP- β NeuAc) (1b)



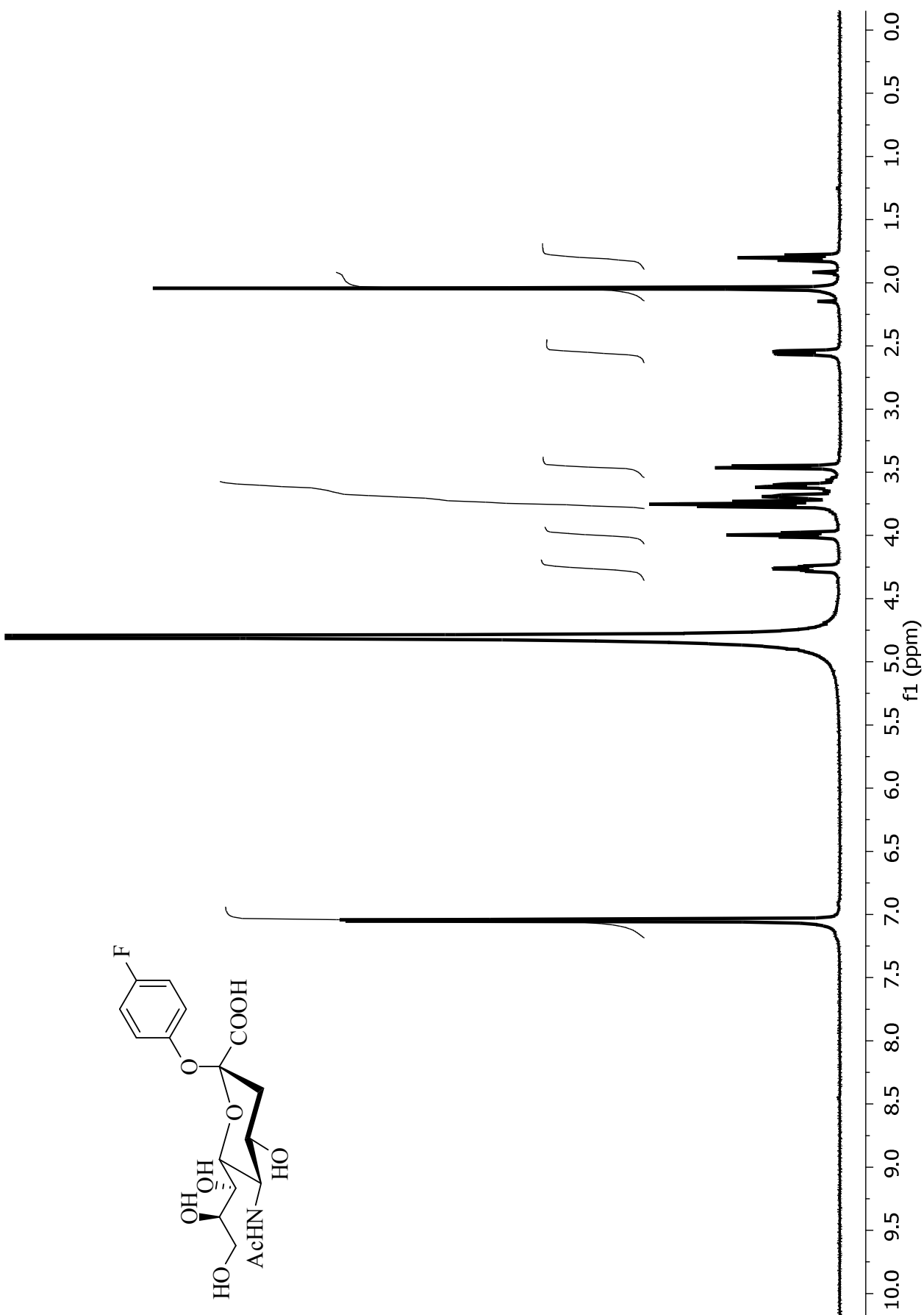
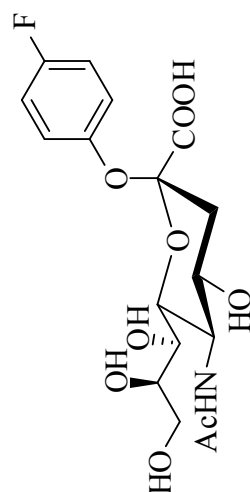
¹H-NMR of 3-fluorophenyl β-D-*N*-acetylneuraminide (in D₂O) (3FP-βNeuAc) (1c)



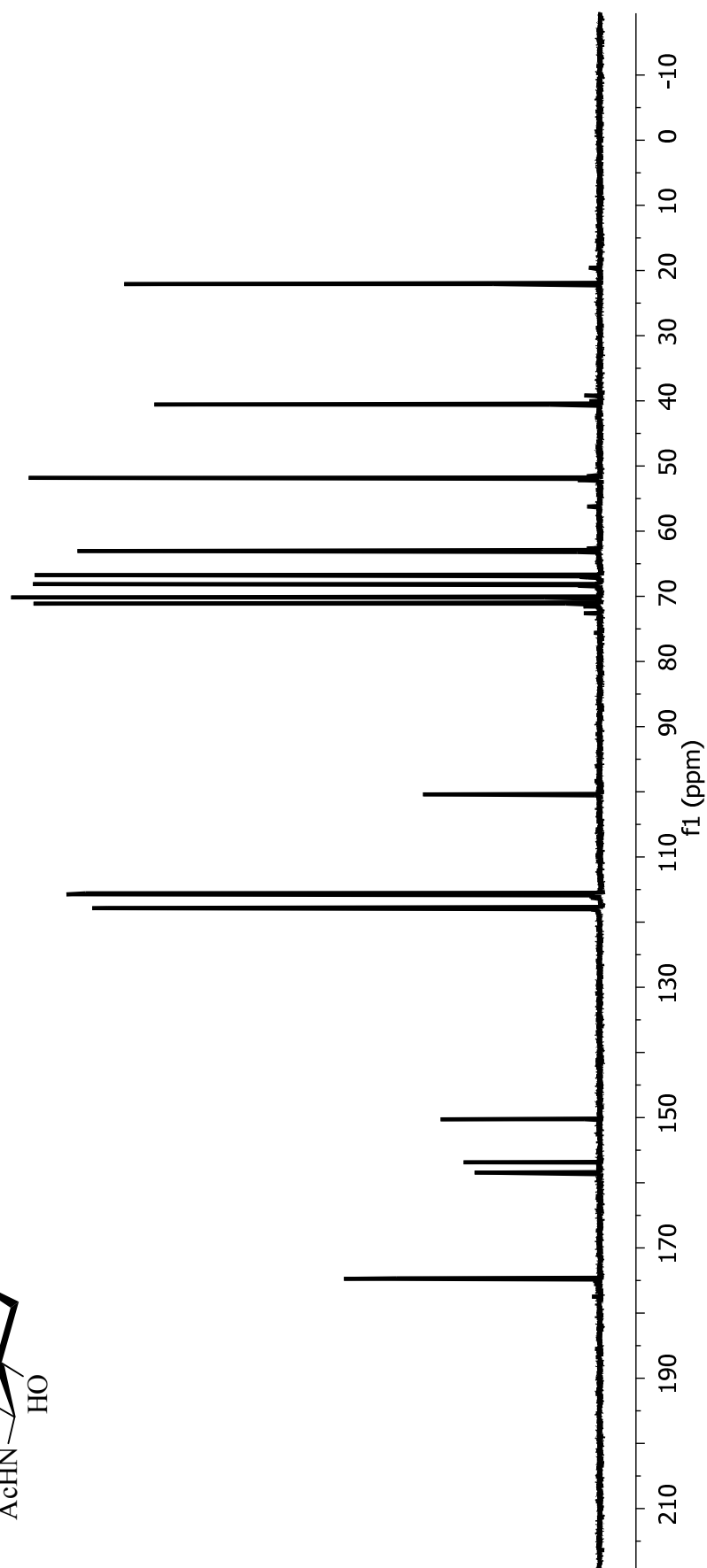
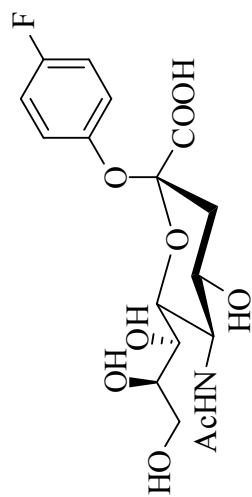
^{13}C -NMR of 3-fluorophenyl β -D-*N*-acetylneuraminide (in D_2O) (3FP- β NeuAc) (1c)



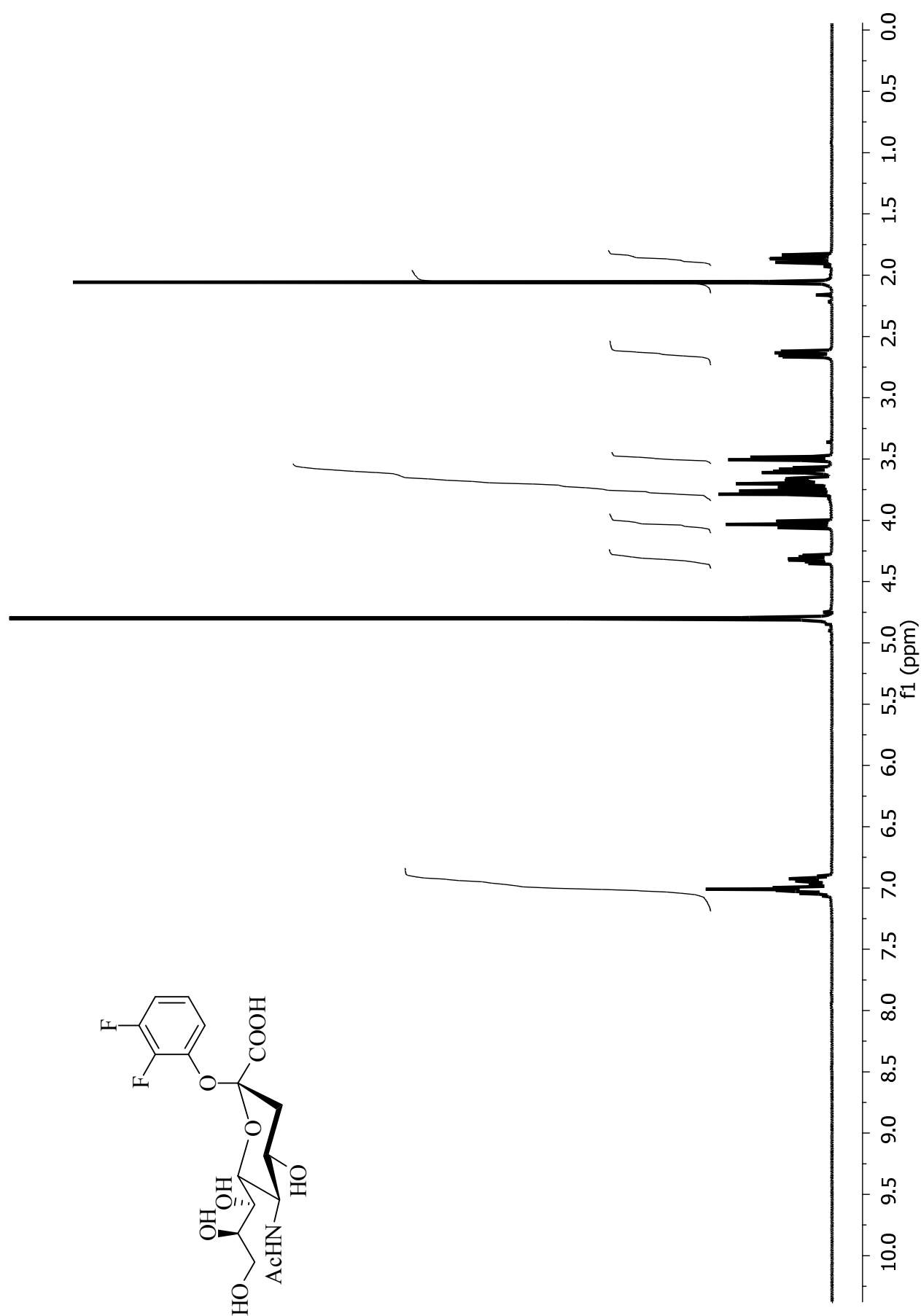
¹H-NMR of 4-fluorophenyl β-D-*N*-acetylneuraminide (in D₂O) (4FP-βNeuAc) (1d)



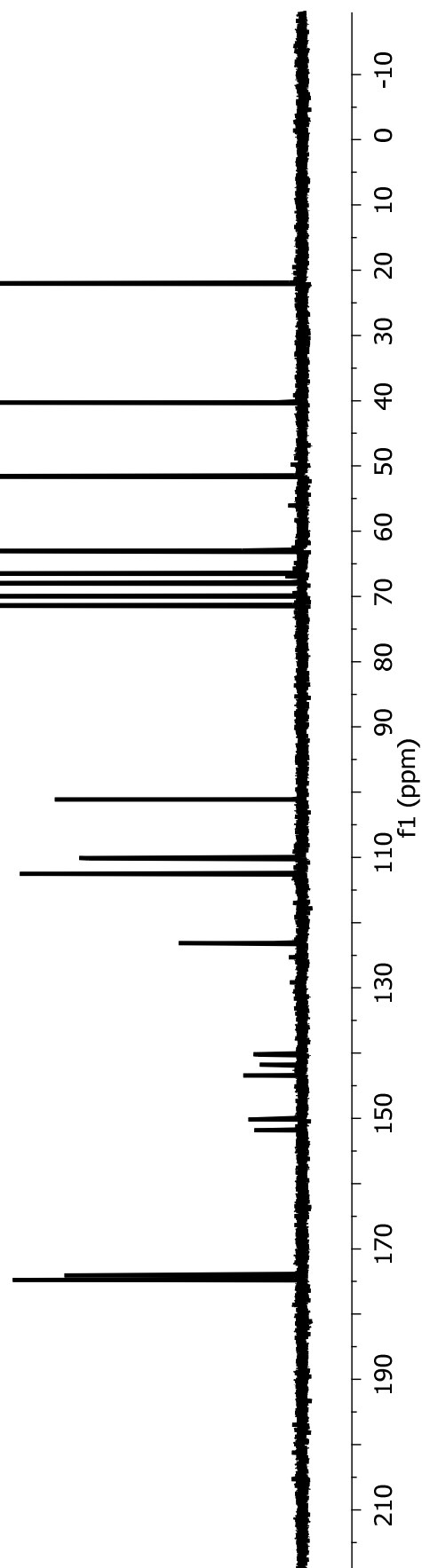
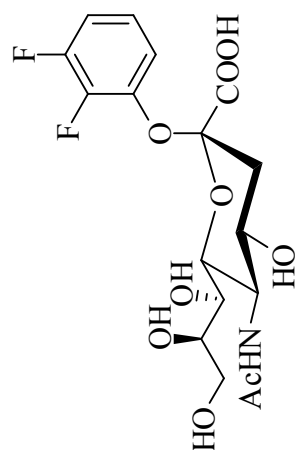
^{13}C -NMR of 4-fluorophenyl β -D-N-acetylneuraminide (in D_2O) (4FP- β NeuAc) (1d)



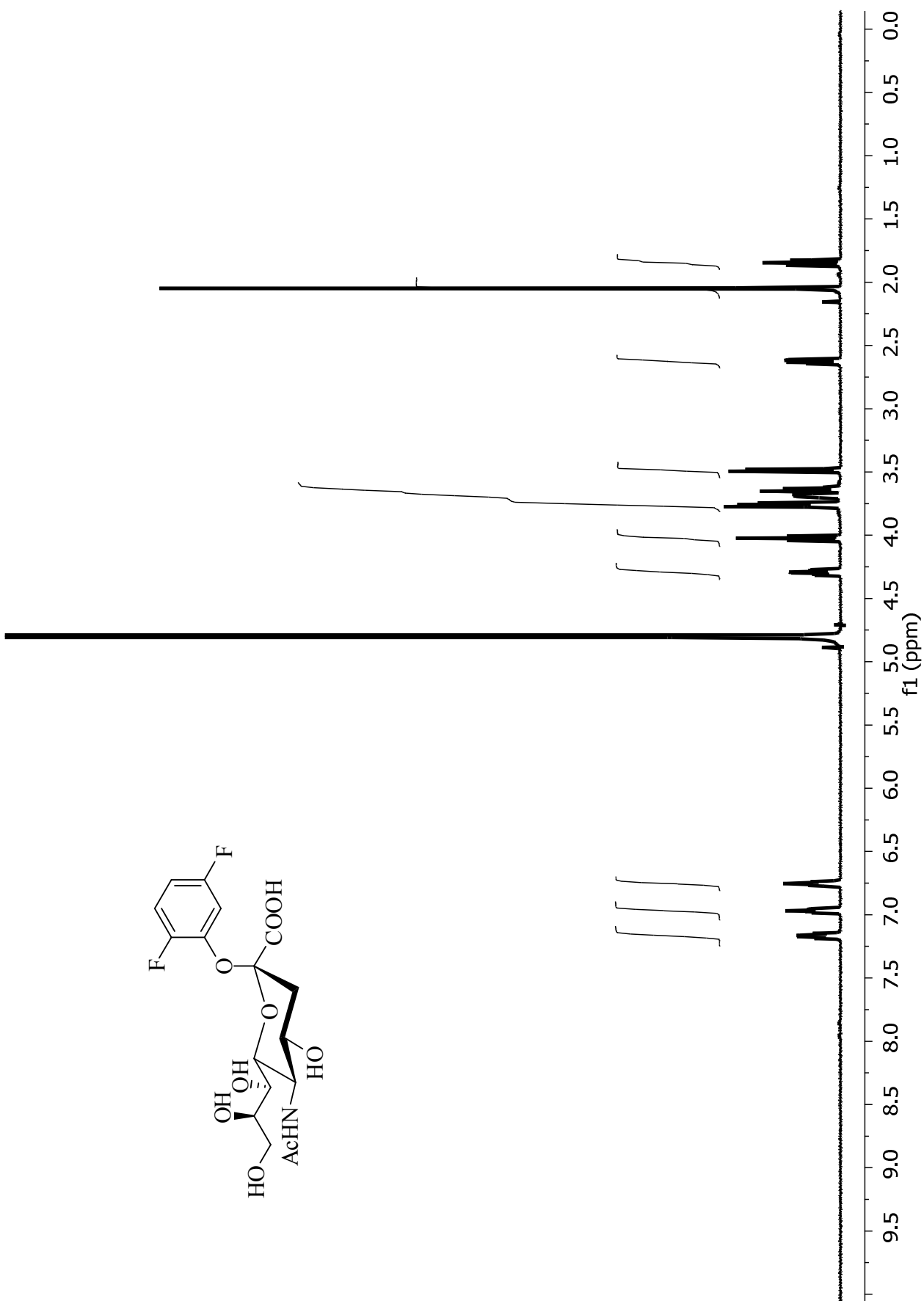
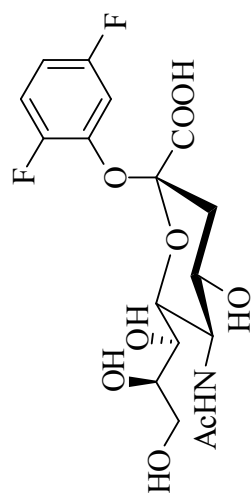
¹H-NMR of 2,3-difluorophenyl β-D-N-acetylneuraminide (in D₂O) (23DFP-βNeuAc) (1e)



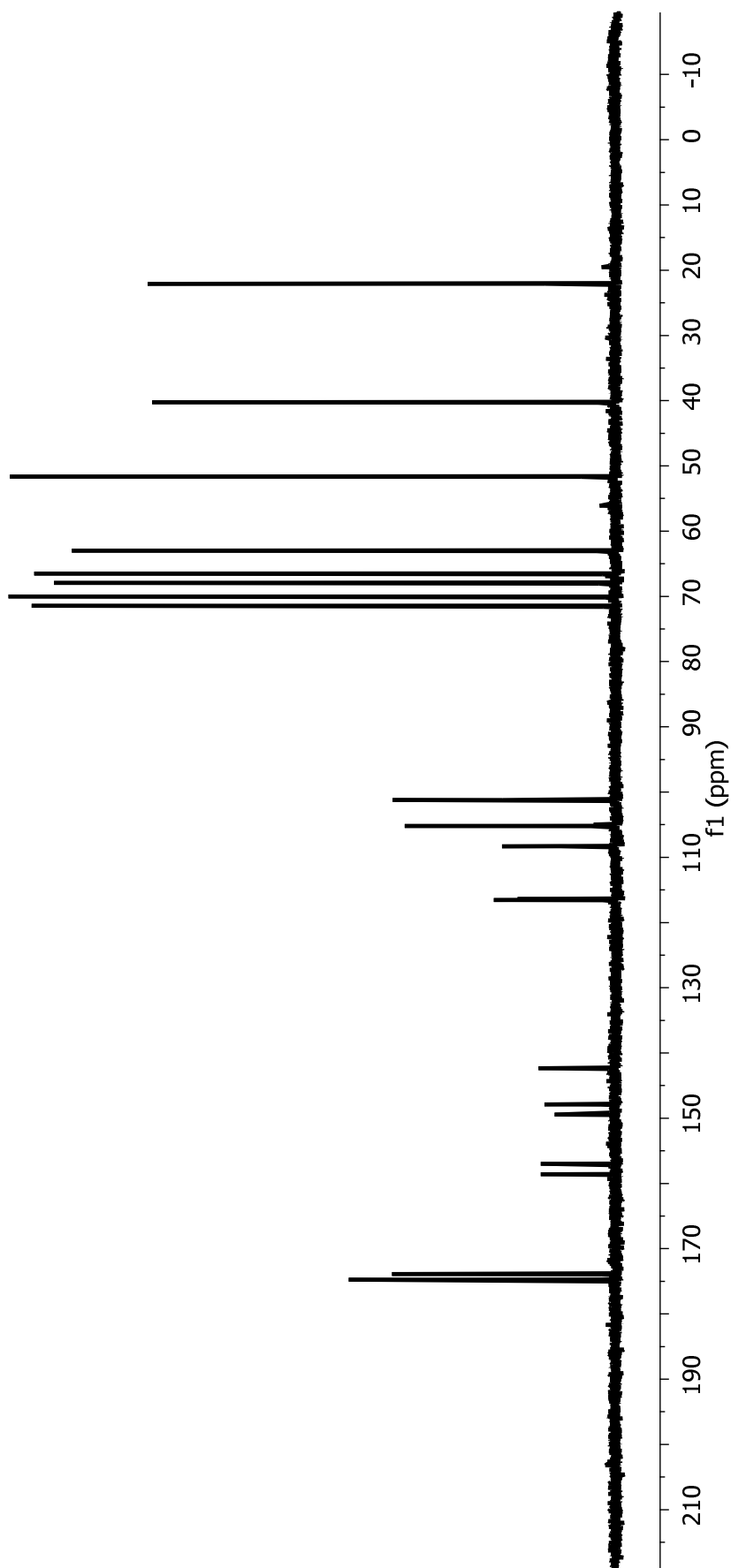
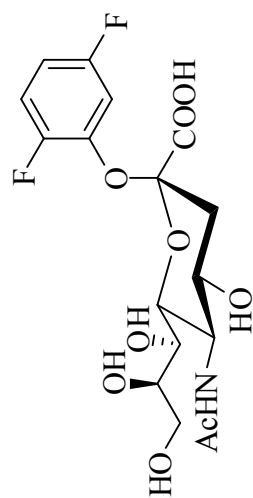
^{13}C -NMR of 2,3-difluorophenyl β -D-N-acetylneuraminide (in D_2O) (23DFP- β NeuAc) (1e)



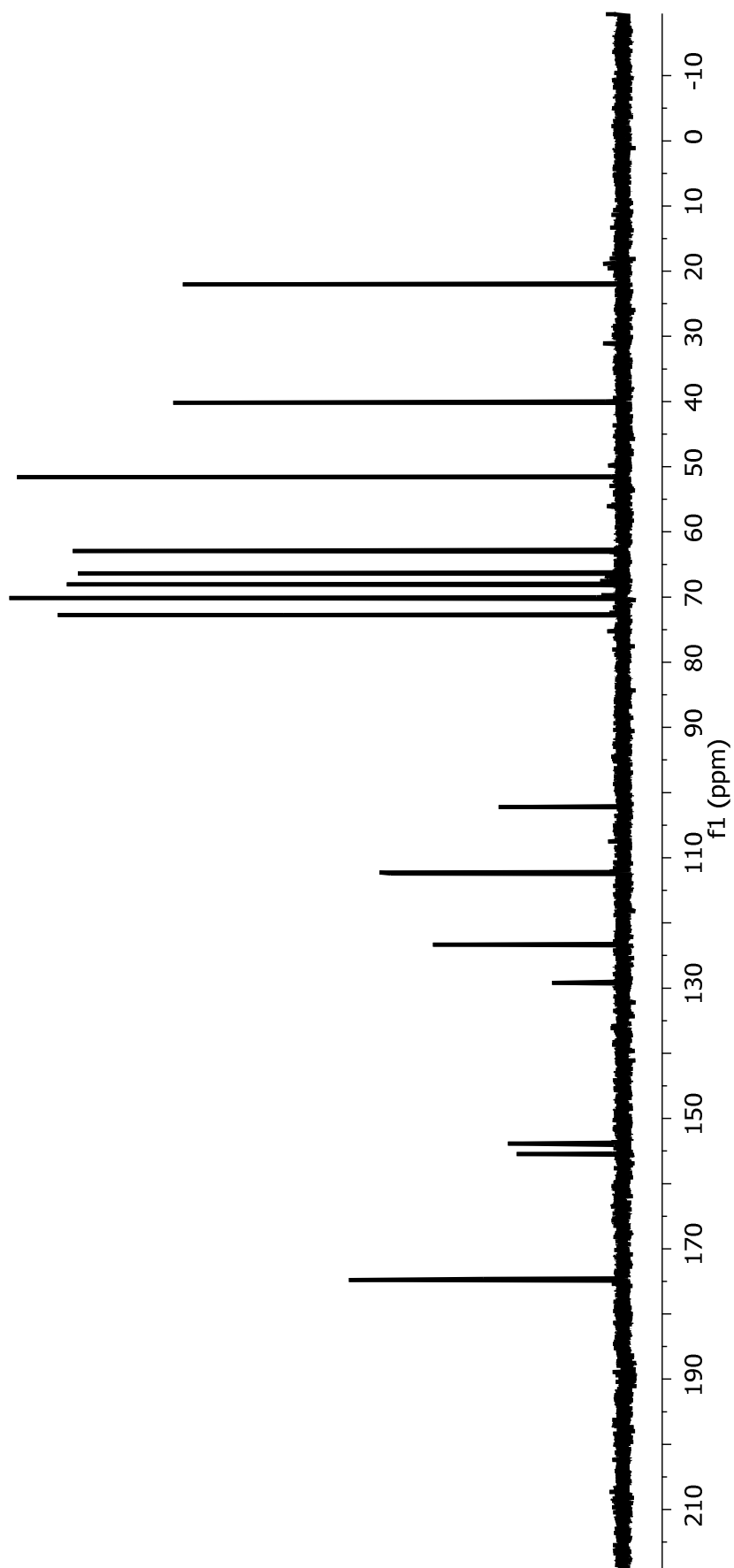
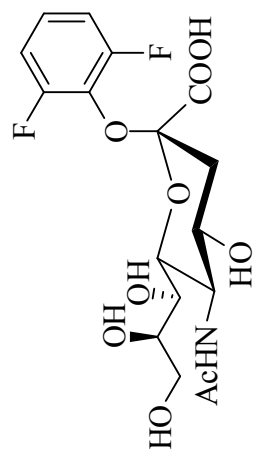
¹H-NMR of 2,5-difluorophenyl β-D-N-acetylneuraminide (in D₂O) (25DFP-βNeuAc) (1f)



^{13}C -NMR of 2,5-difluorophenyl β -D-*N*-acetylneuraminide (in D_2O) (25DFP- β NeuAc) (1f)



^{13}C -NMR of 2,6-difluorophenyl β -D-*N*-acetylneuraminide (in D_2O) (26DFP- β NeuAc) (1g)



^{13}C -NMR of 3,5-difluorophenyl β -D-N-acetylneuraminide (in D_2O) (35DFP- β NeuAc) (1h)

