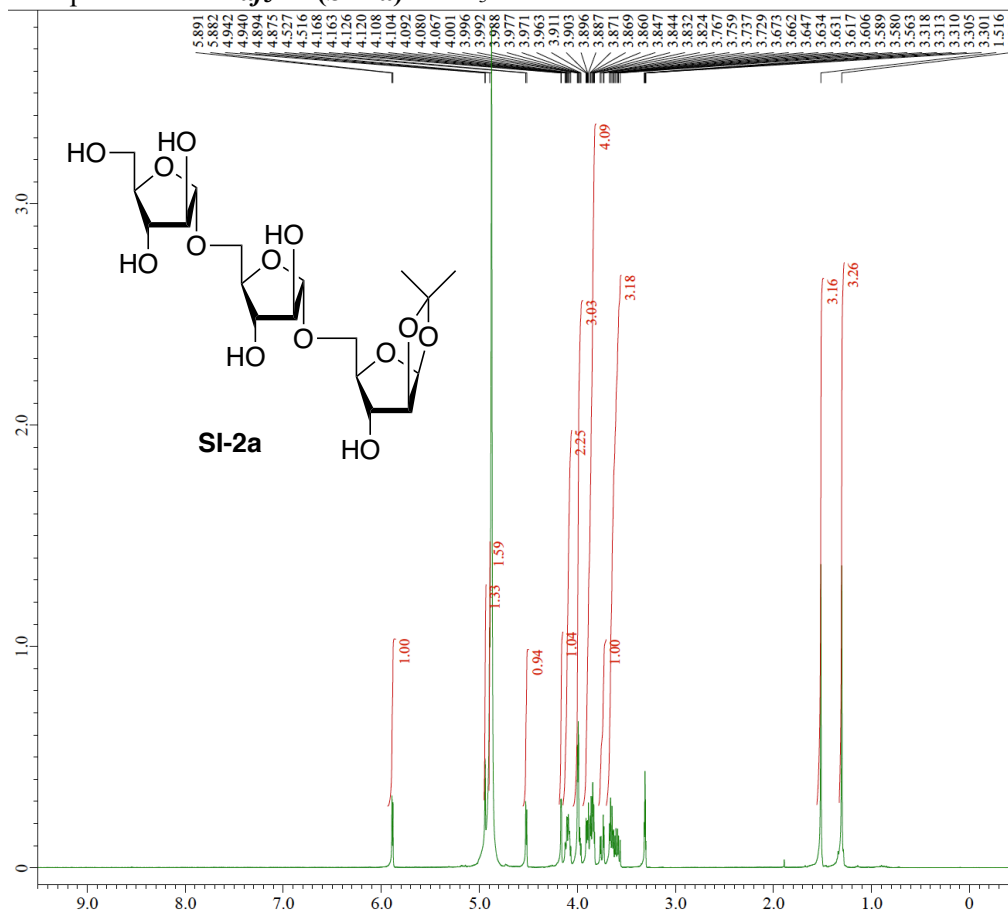


Supplementary Data 2

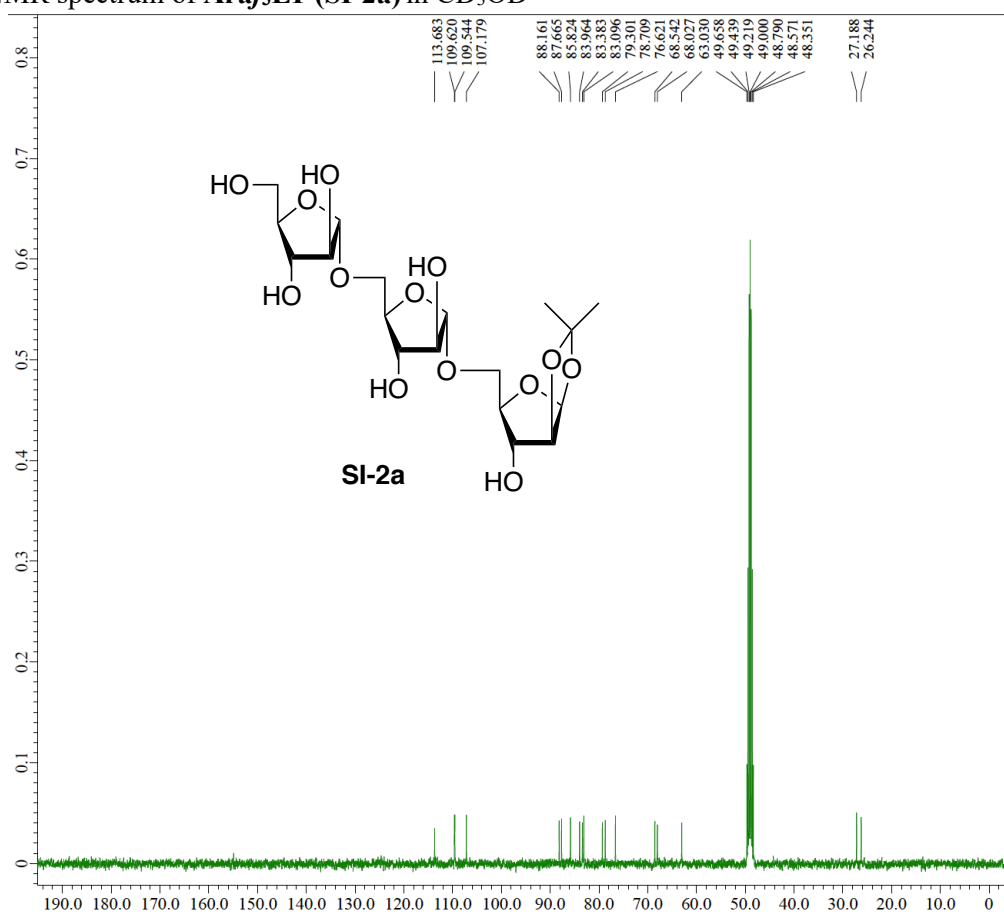
Additional information for synthesis of oligo-D-arabinofuranosides

NMR spectra of oligosaccharides

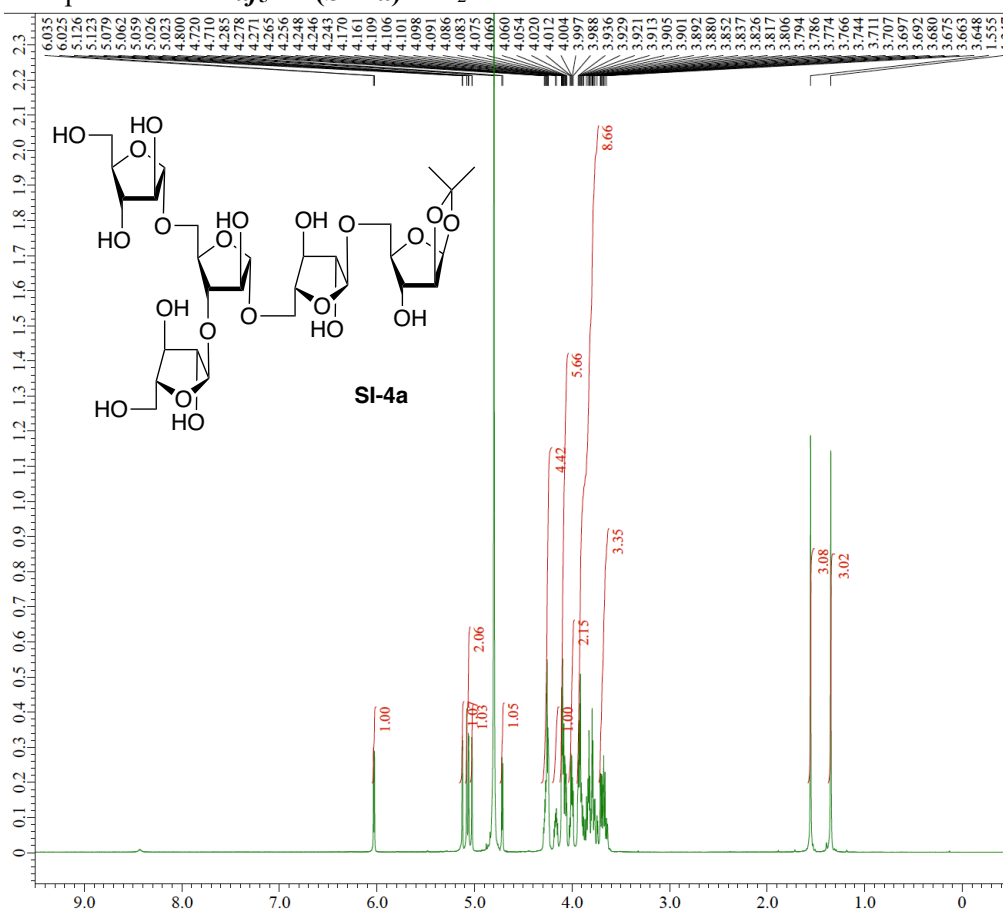
^1H NMR spectrum of **Araf₃LT (SI-2a)** in CD_3OD



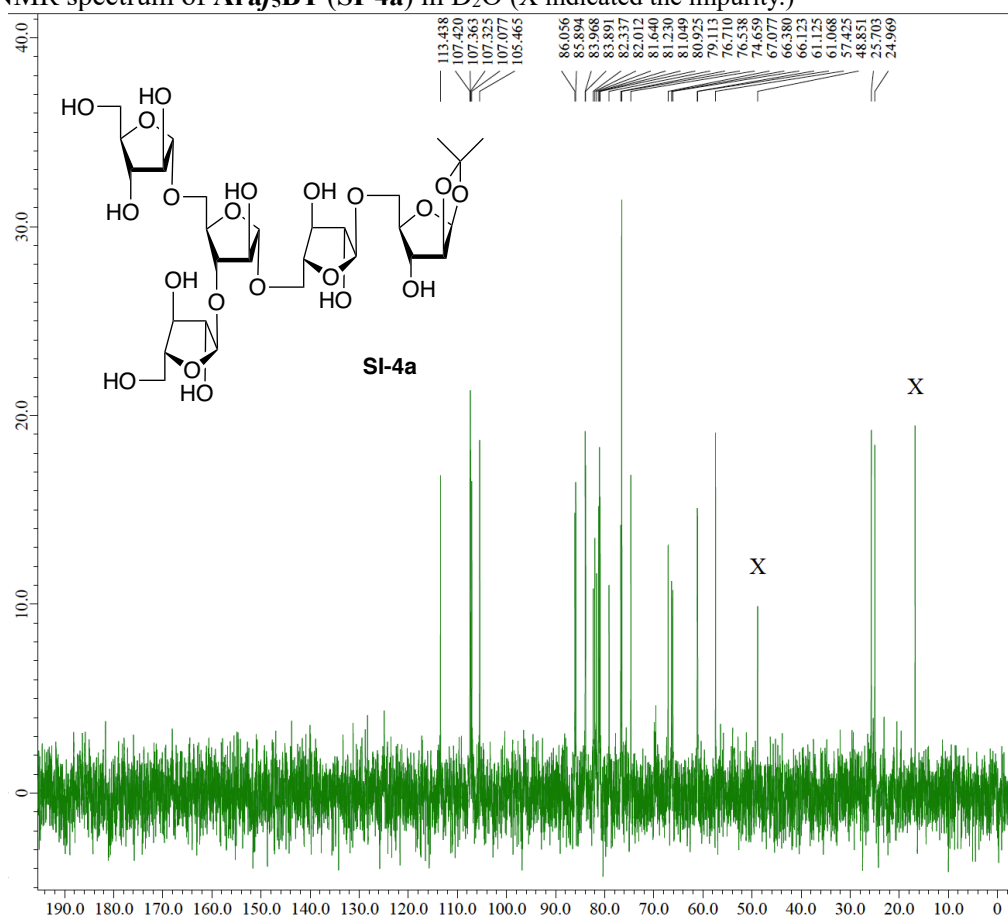
^1H NMR spectrum of **Araf₃LT (SI-2a)** in CD_3OD



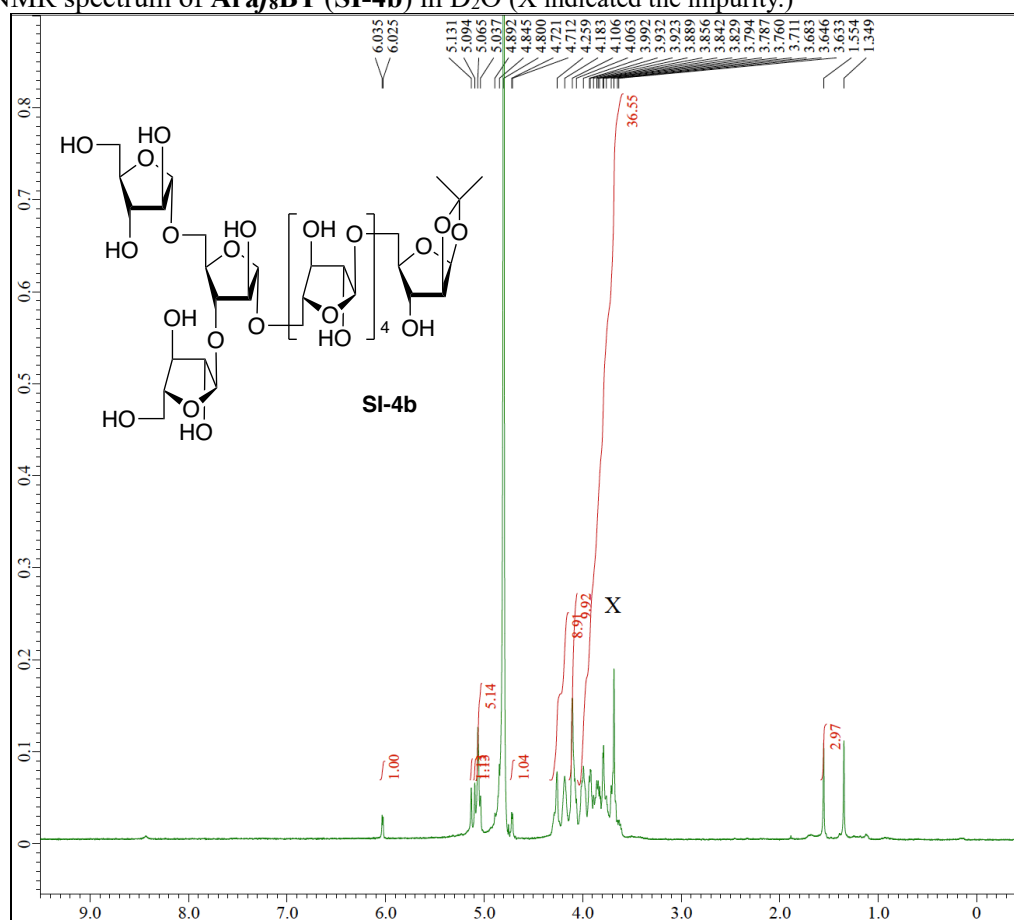
^1H NMR spectrum of Araf₅BT (SI-4a) in D₂O



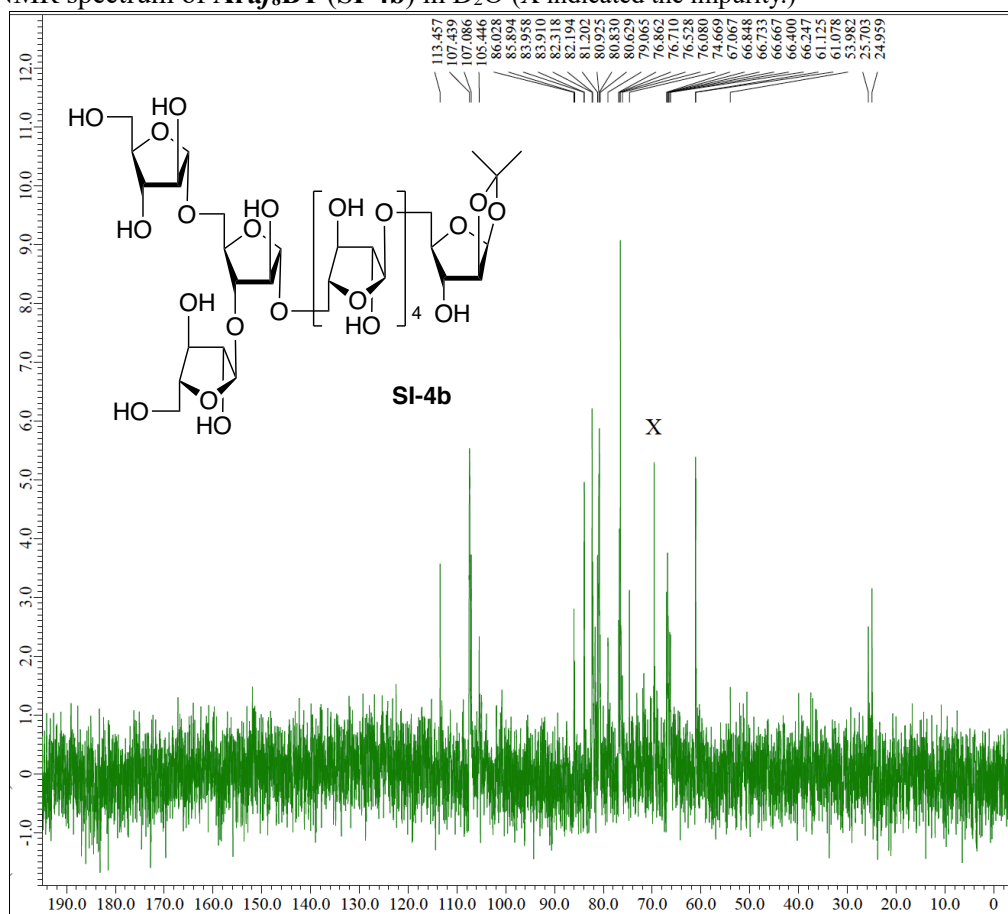
^{13}C NMR spectrum of Araf₅BT (SI-4a) in D₂O (X indicated the impurity.)

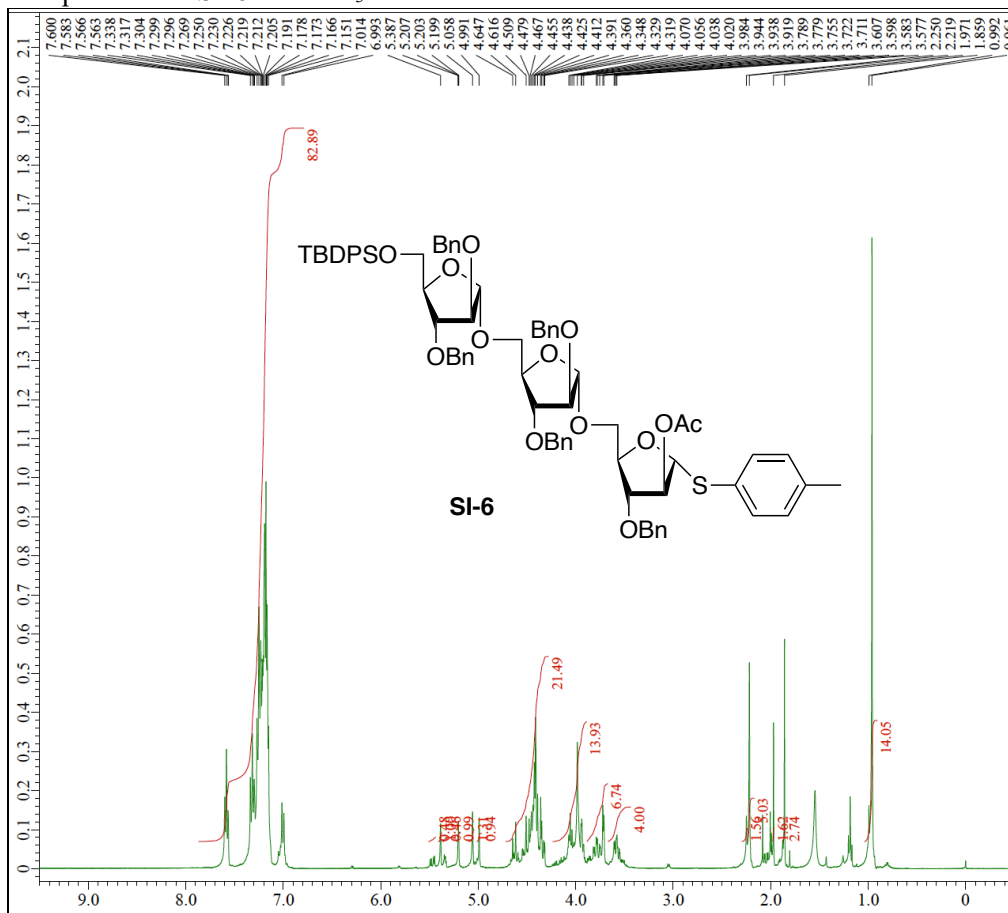


^1H NMR spectrum of **Araf₈BT (SI-4b)** in D_2O (X indicated the impurity.)

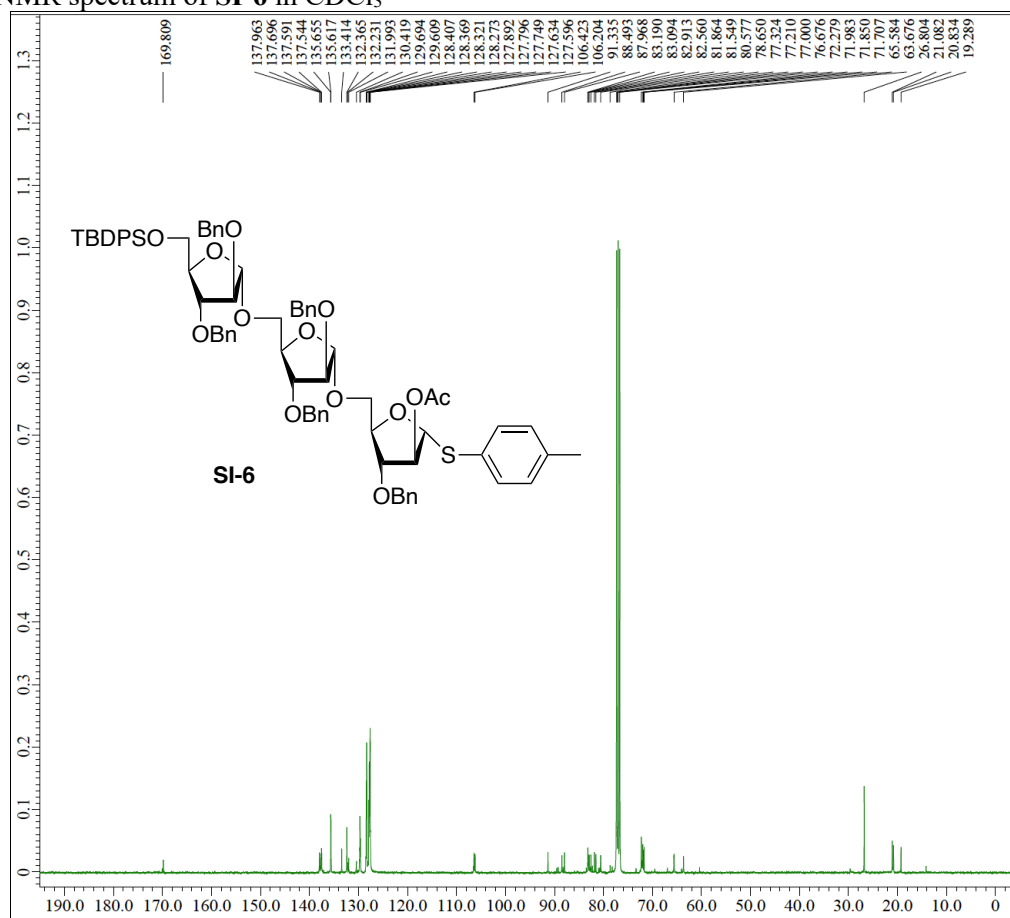


^{13}C NMR spectrum of Araf₈BT (SI-4b) in D₂O (X indicated the impurity.)

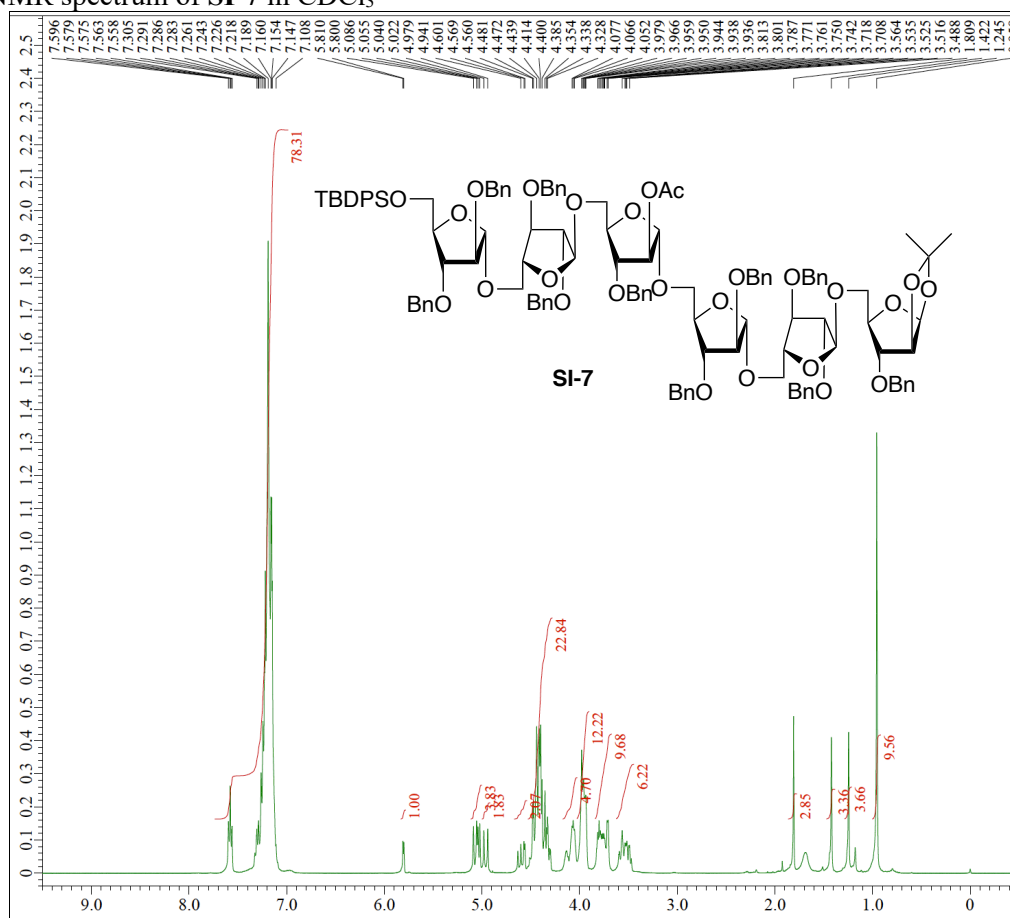


¹H NMR spectrum of **SI-6** in CDCl₃

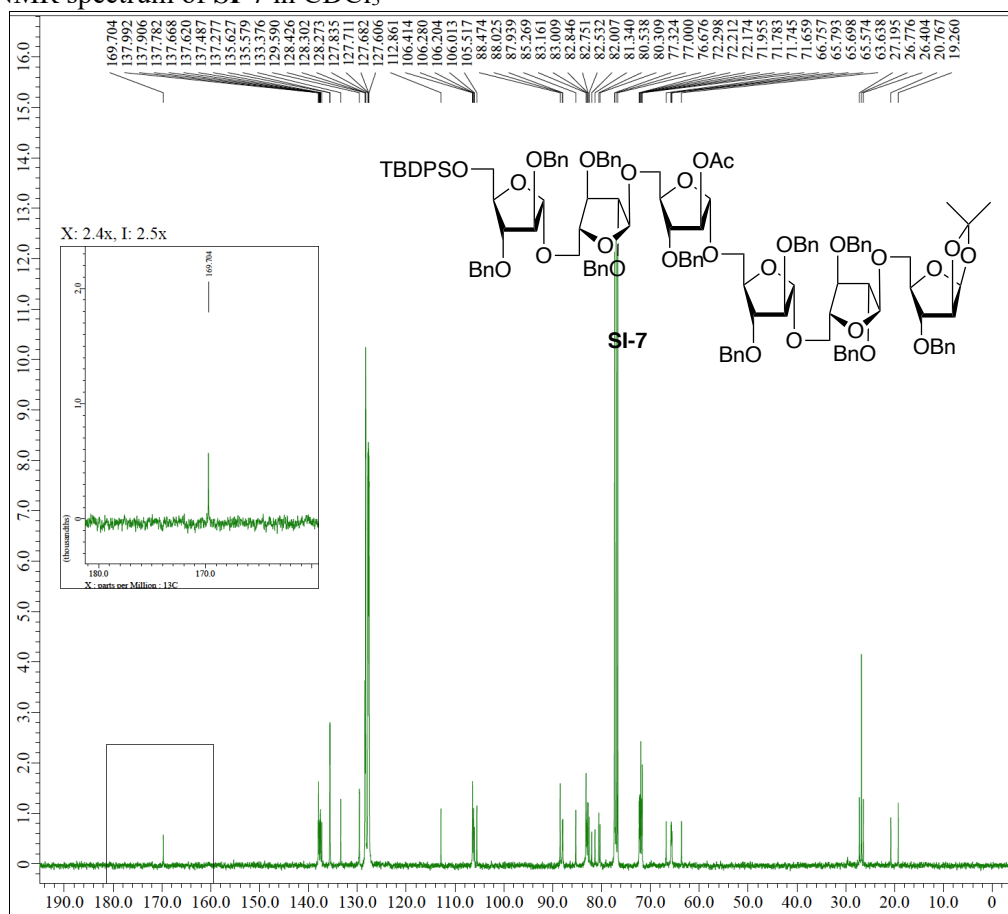
^{13}C NMR spectrum of **SI-6** in CDCl_3



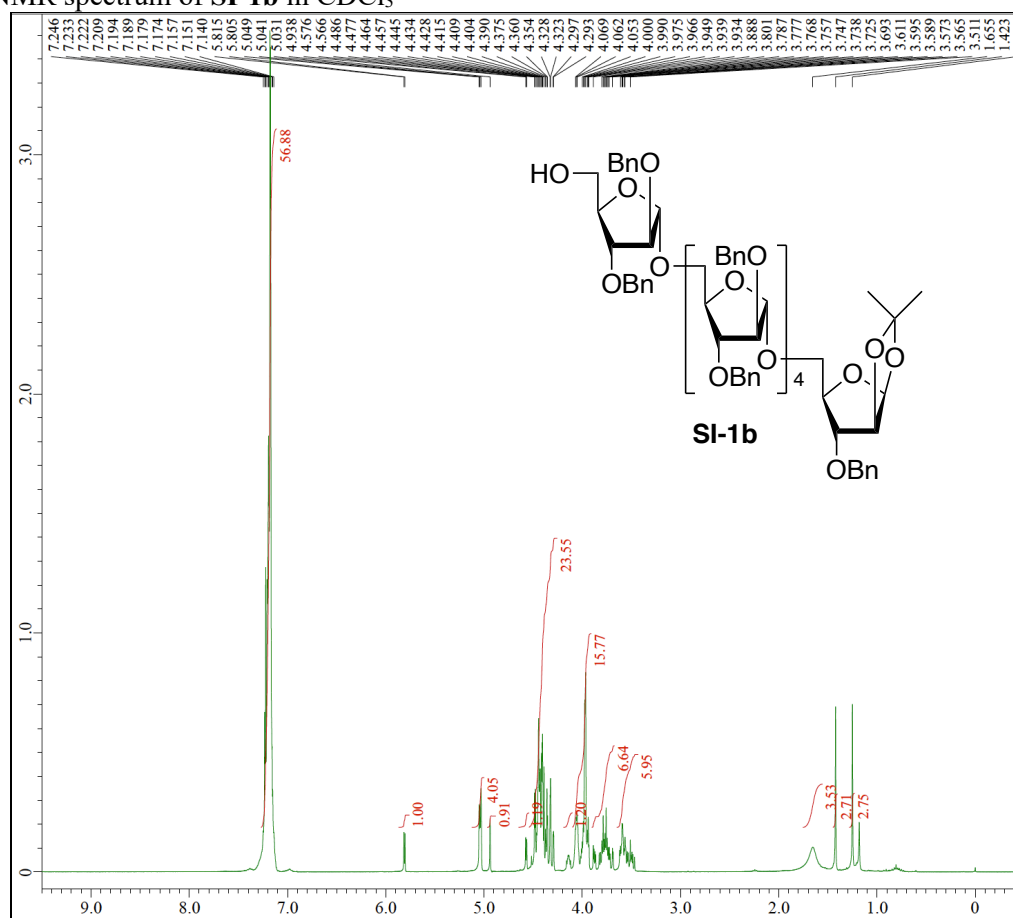
^1H NMR spectrum of **SI-7** in CDCl_3



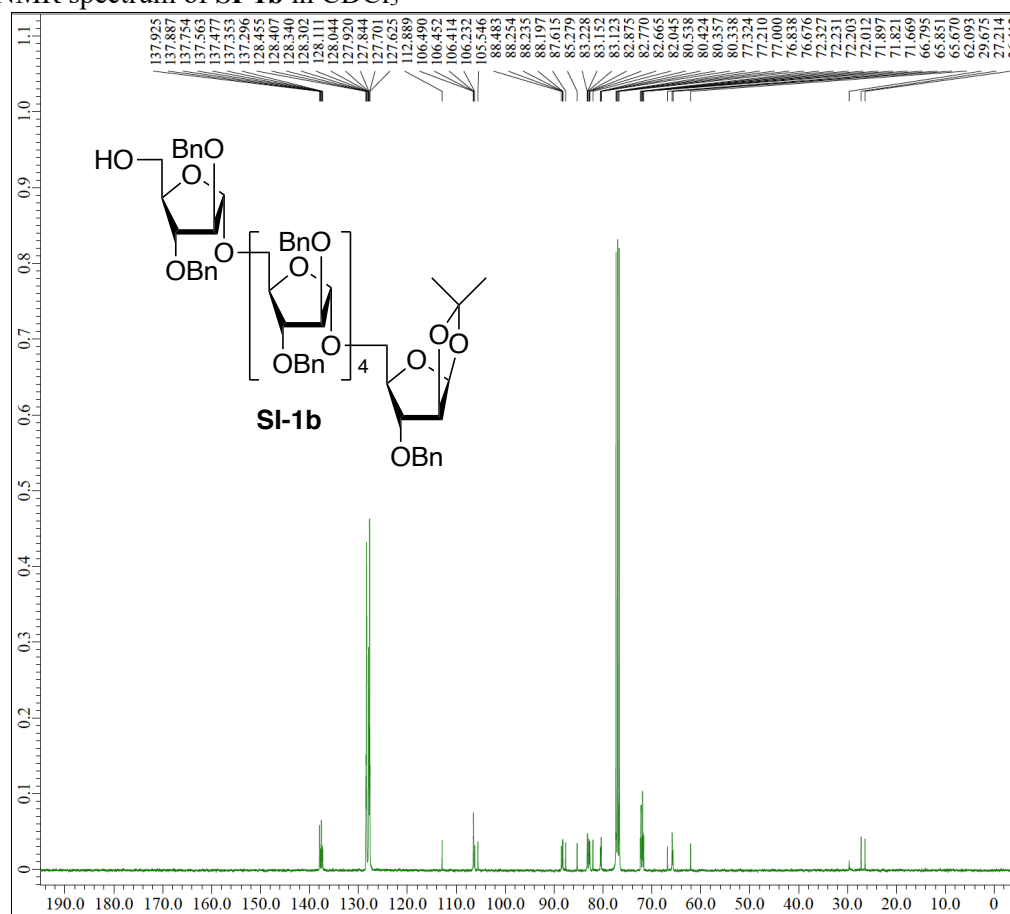
^{13}C NMR spectrum of **SI-7** in CDCl_3

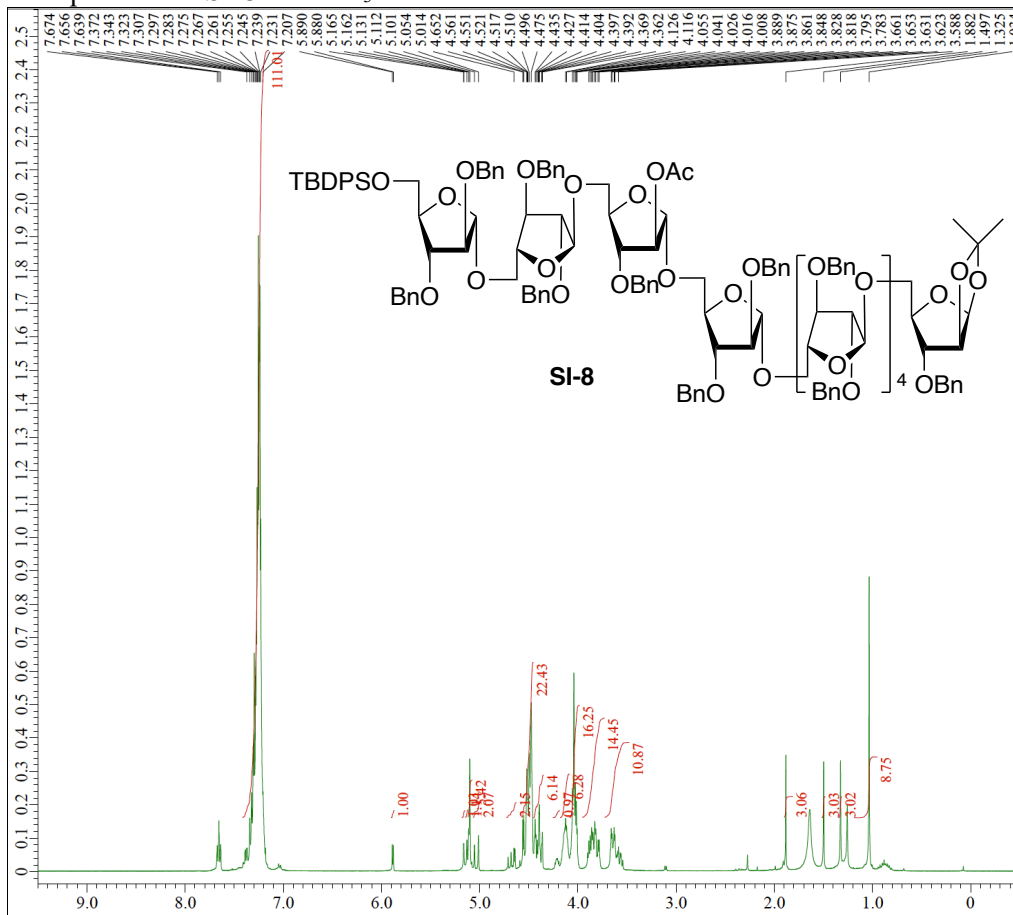


¹H NMR spectrum of **SI-1b** in CDCl₃

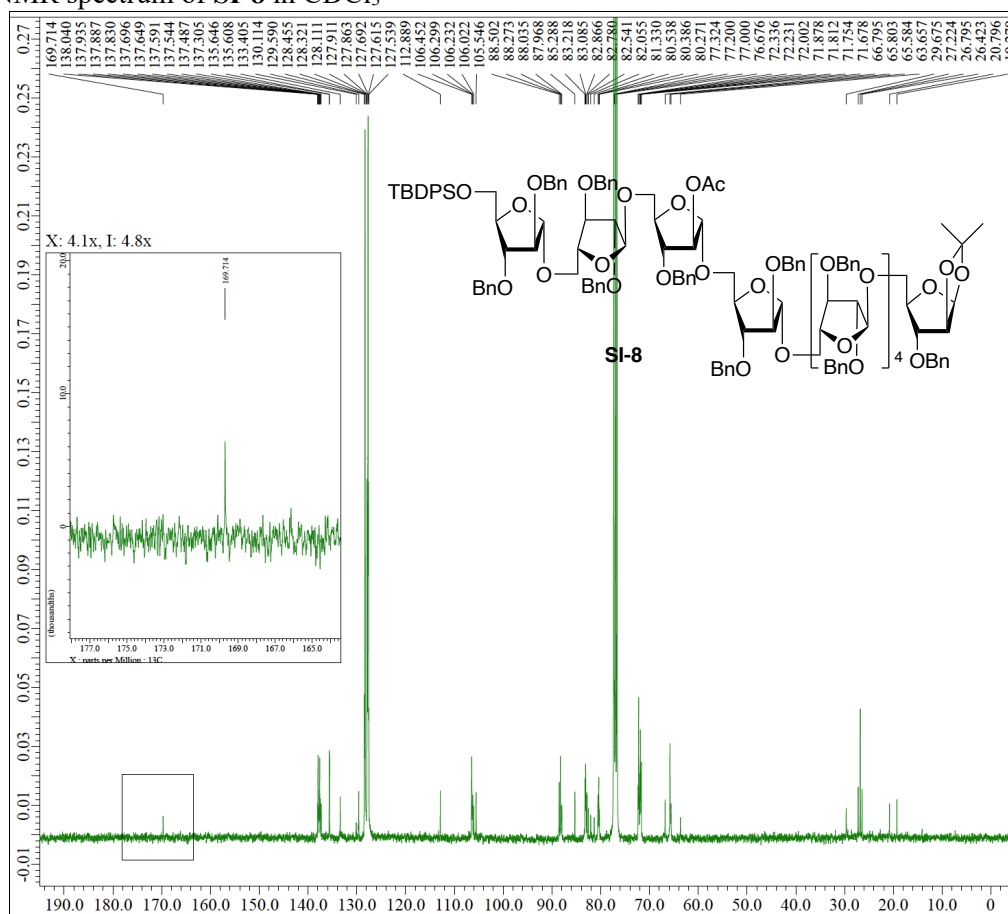


^{13}C NMR spectrum of **SI-1b** in CDCl_3

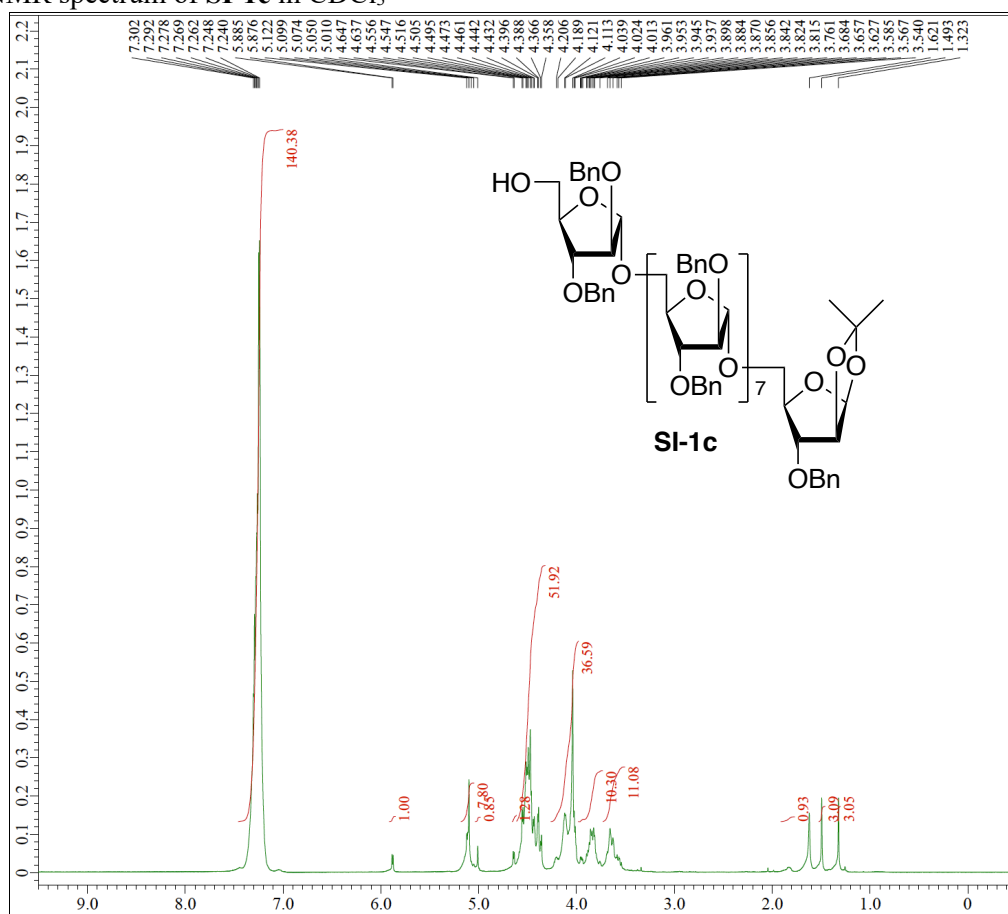


¹H NMR spectrum of **SI-8** in CDCl₃

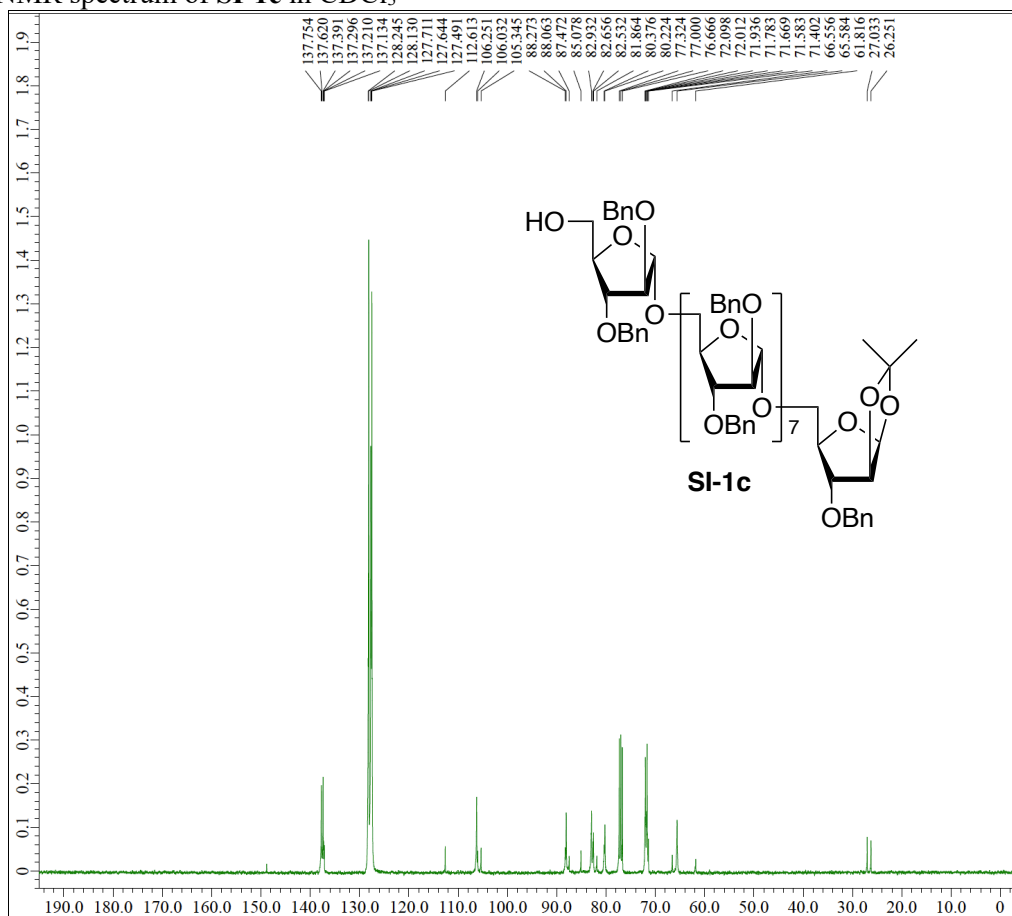
^{13}C NMR spectrum of **SI-8** in CDCl_3



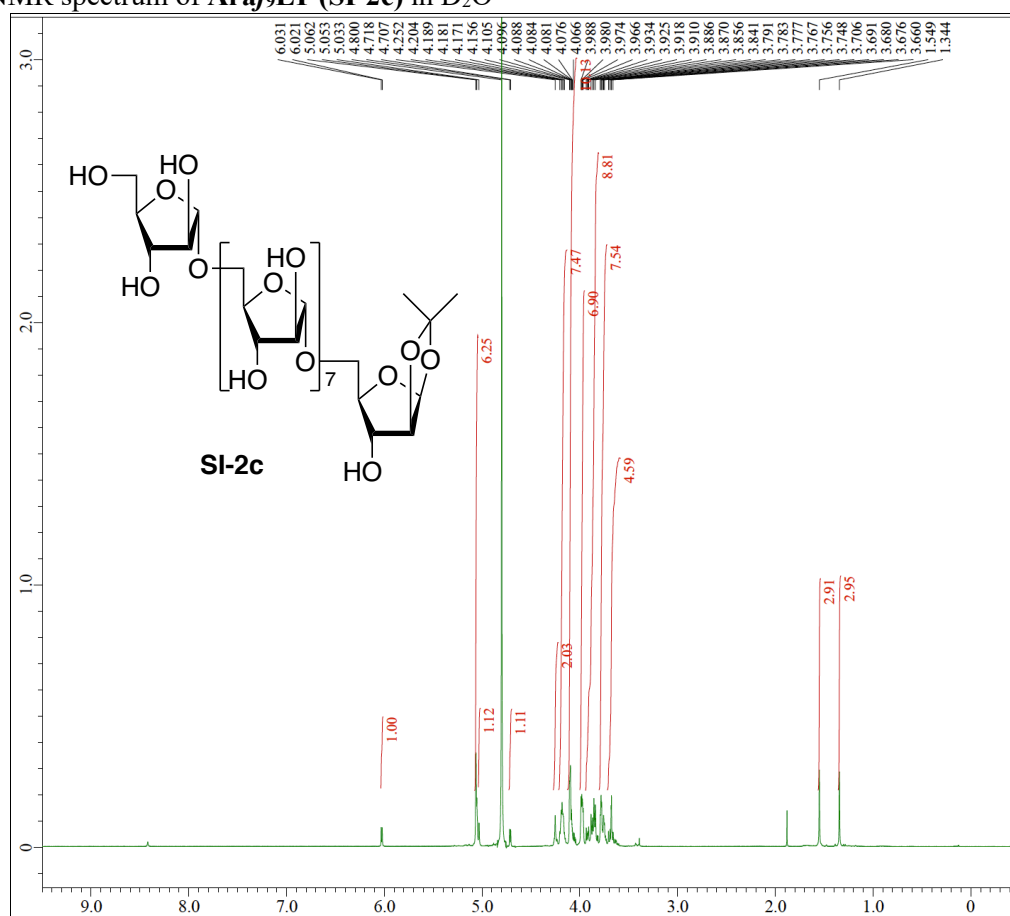
^1H NMR spectrum of **SI-1c** in CDCl_3



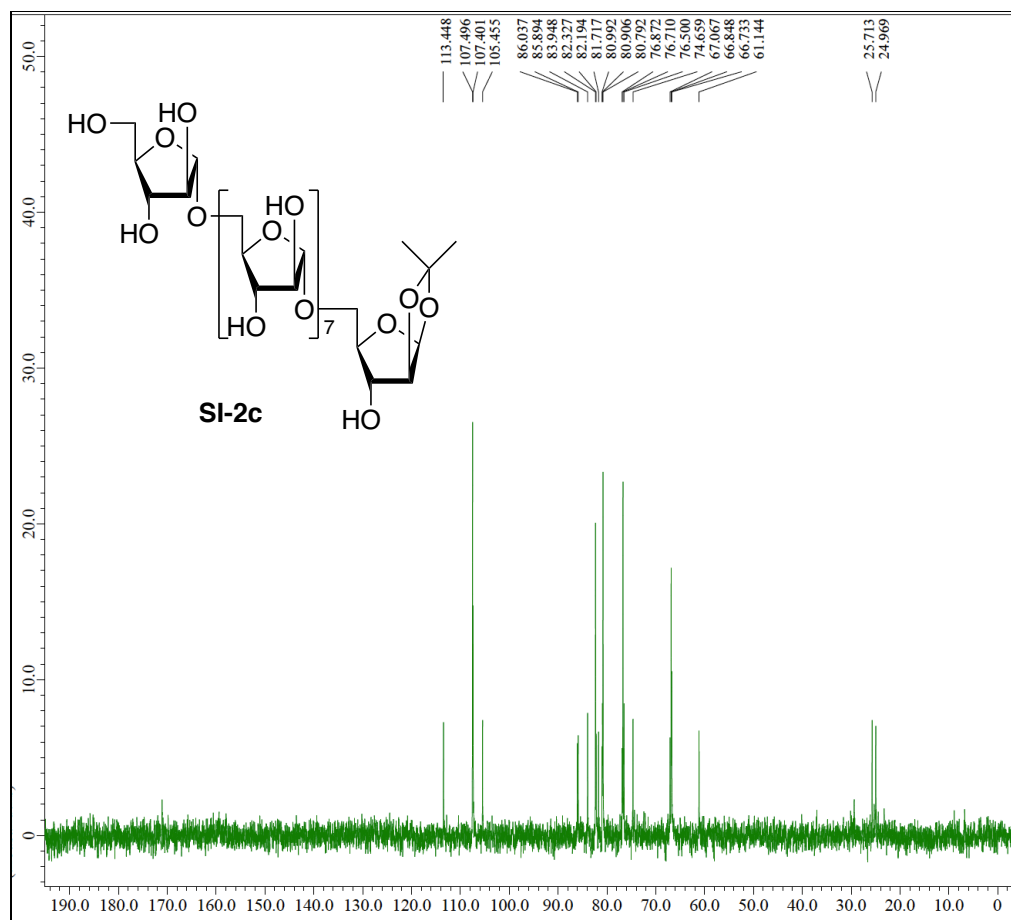
^{13}C NMR spectrum of **SI-1c** in CDCl_3



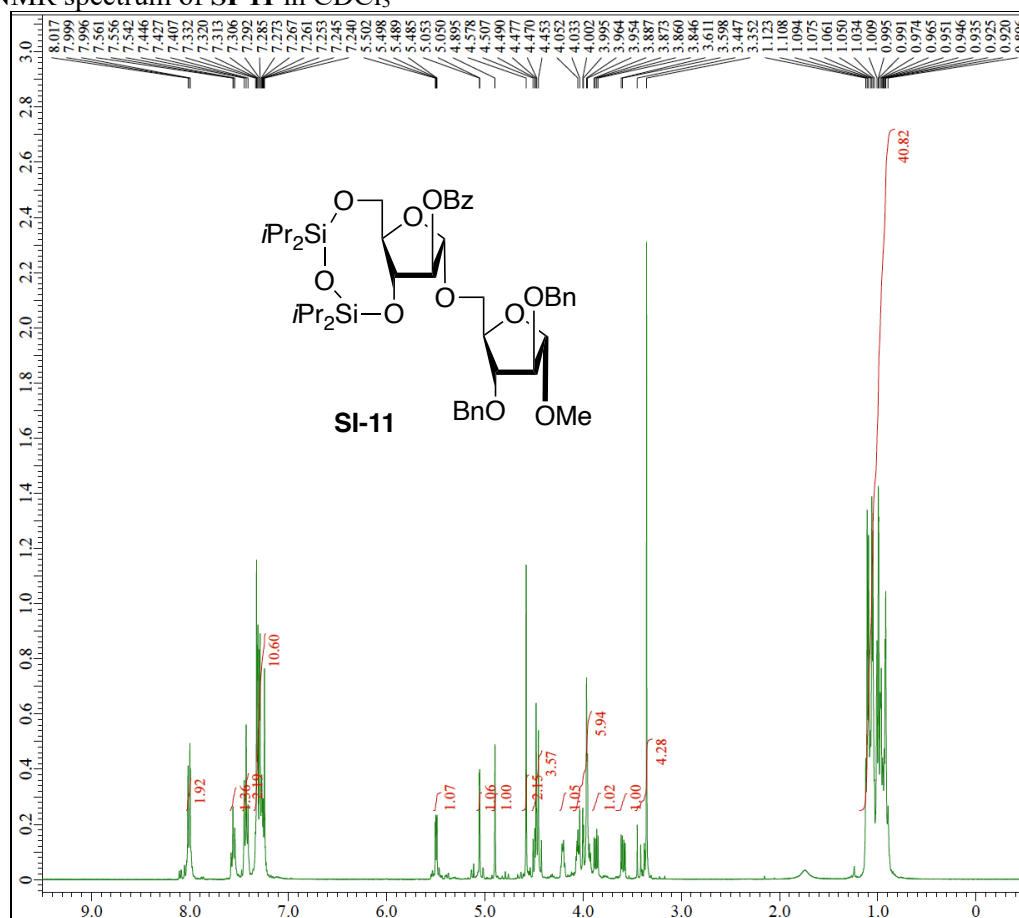
^1H NMR spectrum of Araf₉LT (SI-2c) in D₂O



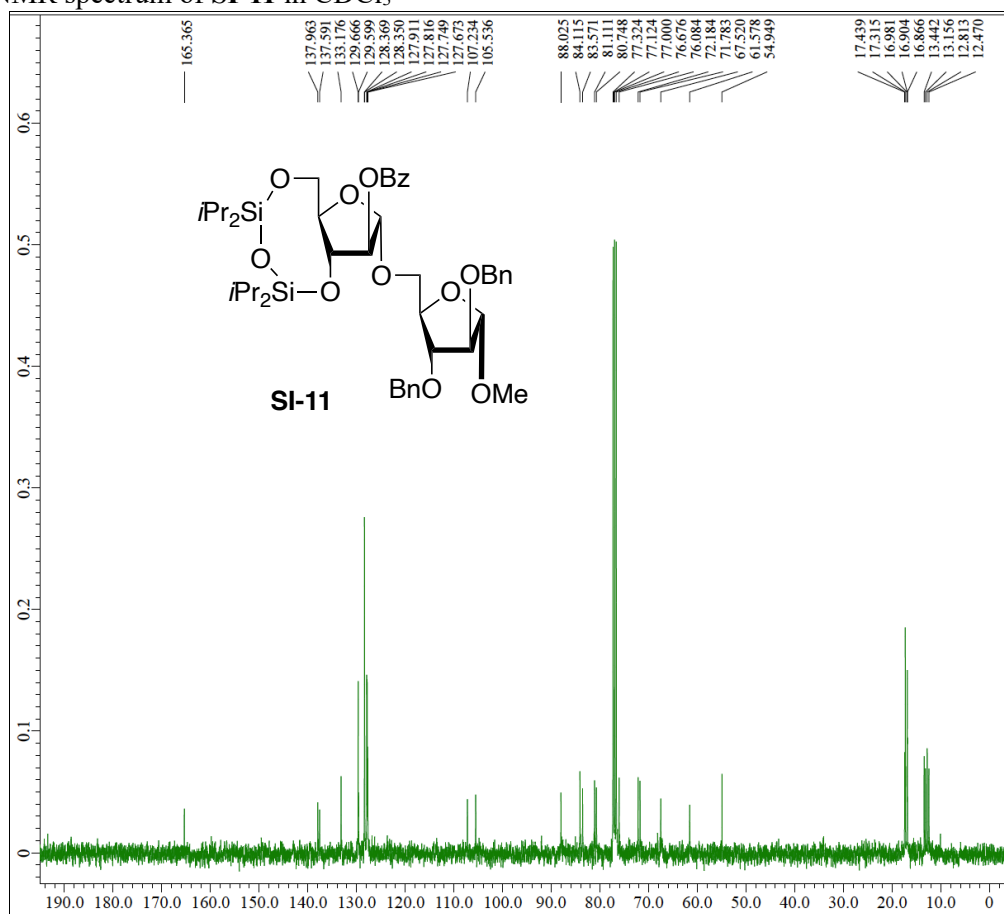
^{13}C NMR spectrum of Araf₆LT (SI-2c) in D₂O



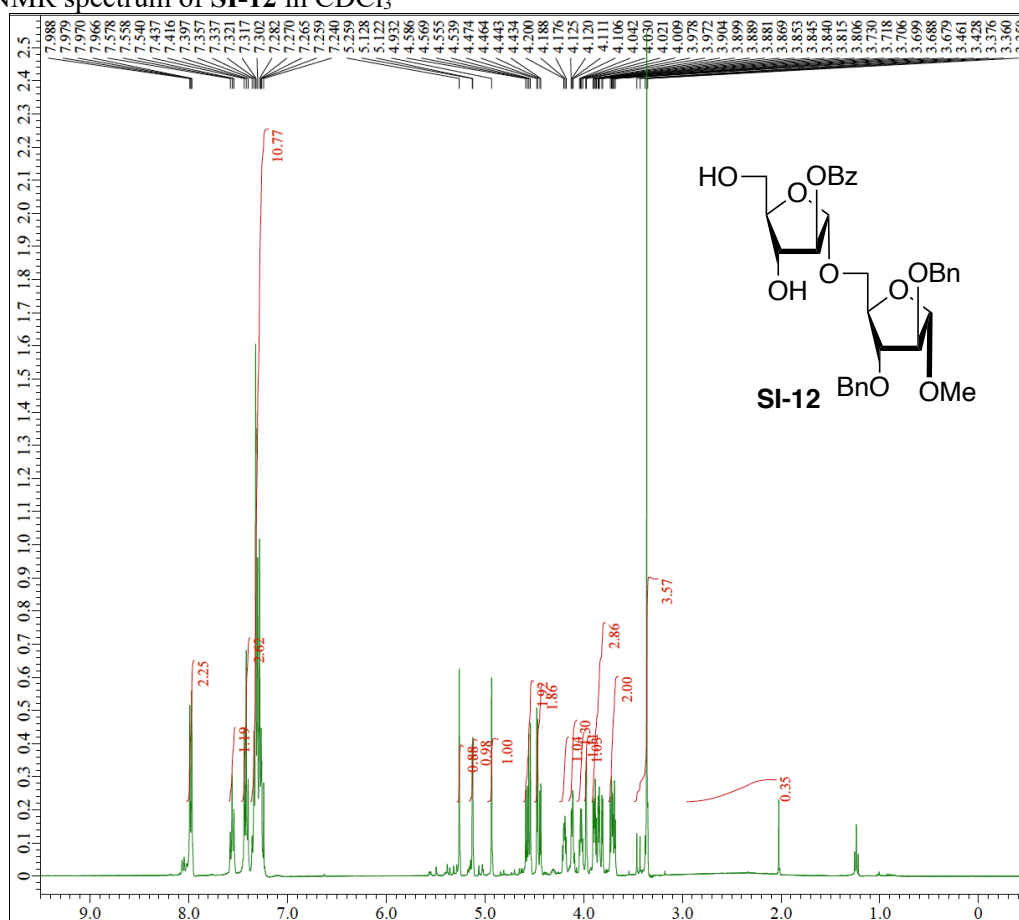
^1H NMR spectrum of **SI-11** in CDCl_3



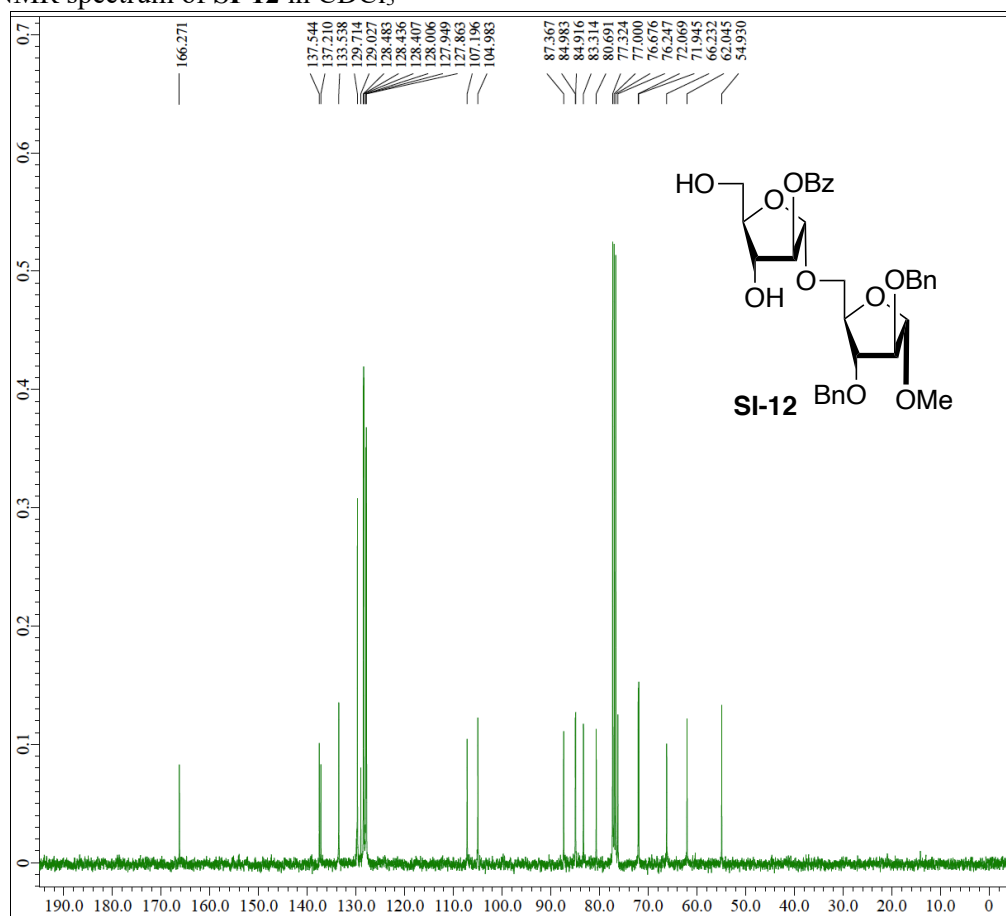
^{13}C NMR spectrum of **SI-11** in CDCl_3



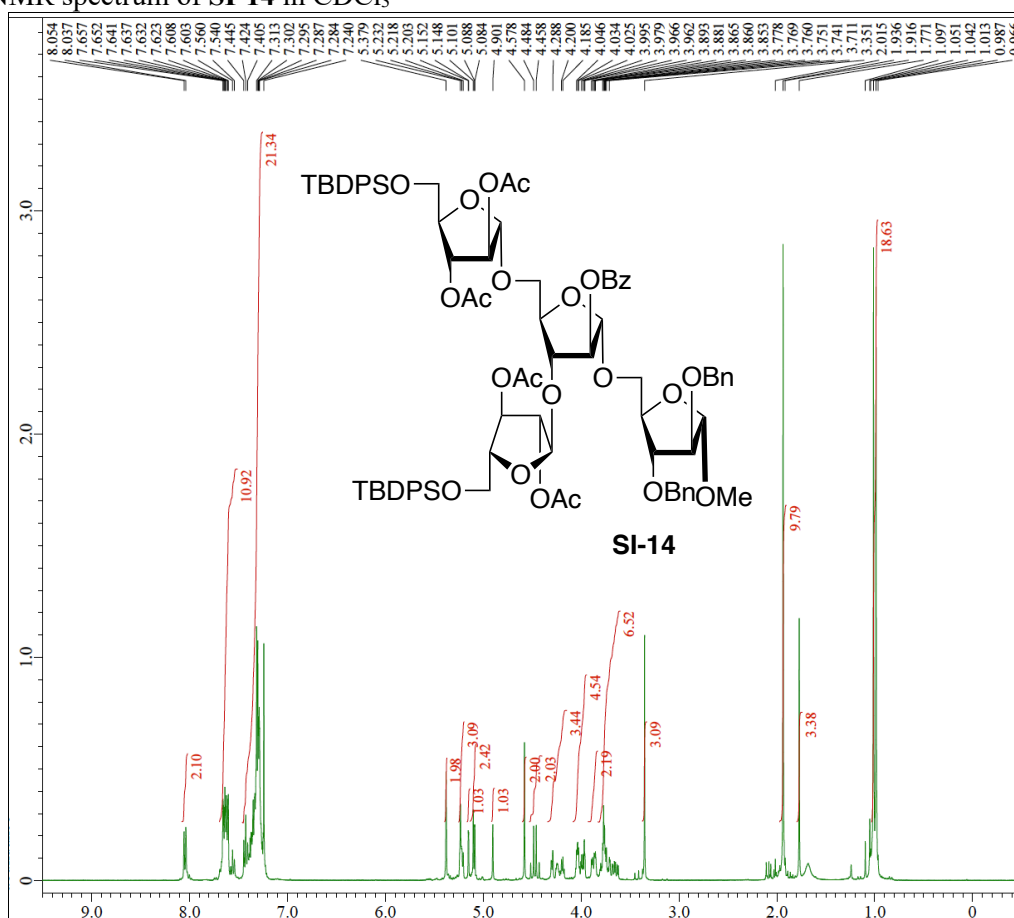
^1H NMR spectrum of **SI-12** in CDCl_3



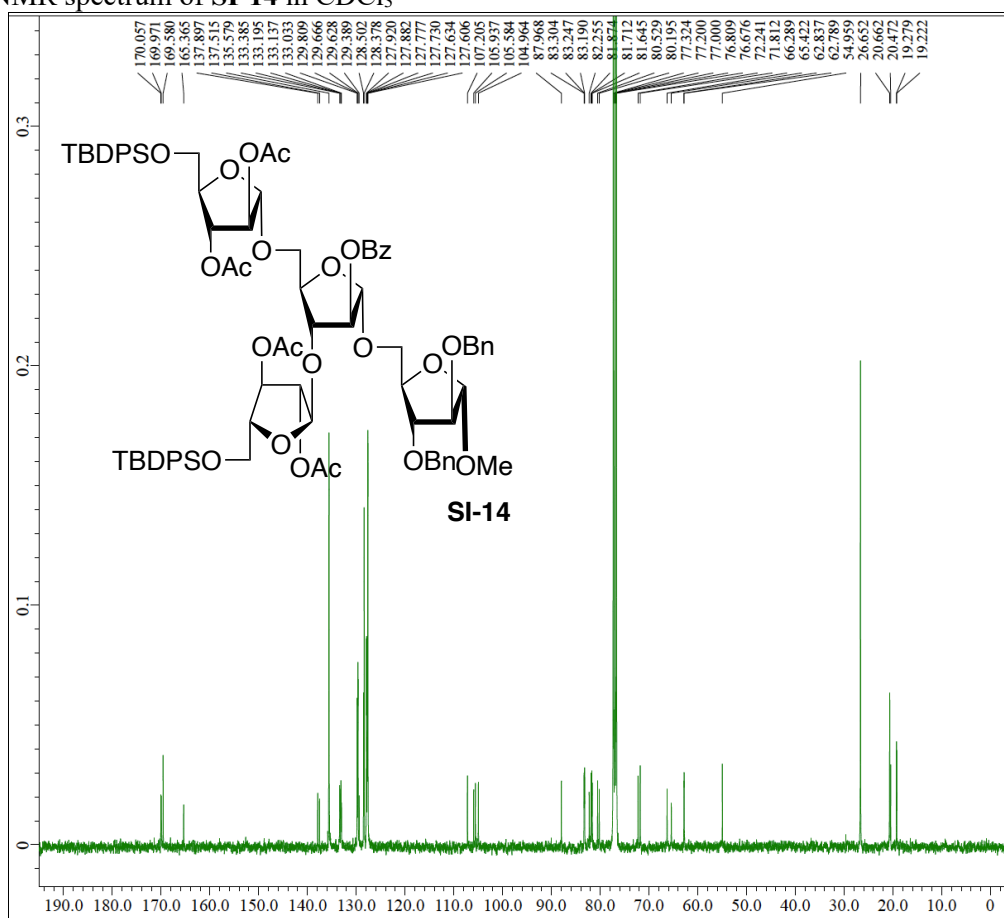
^{13}C NMR spectrum of **SI-12** in CDCl_3



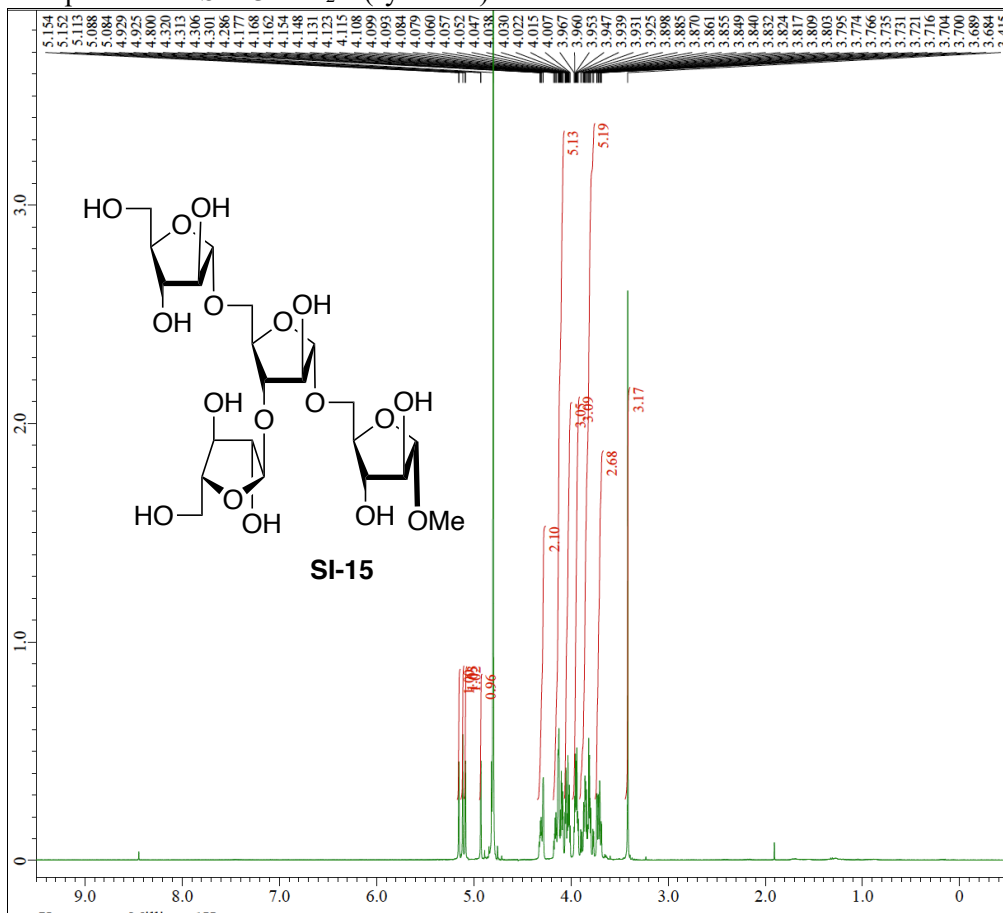
^1H NMR spectrum of **SI-14** in CDCl_3



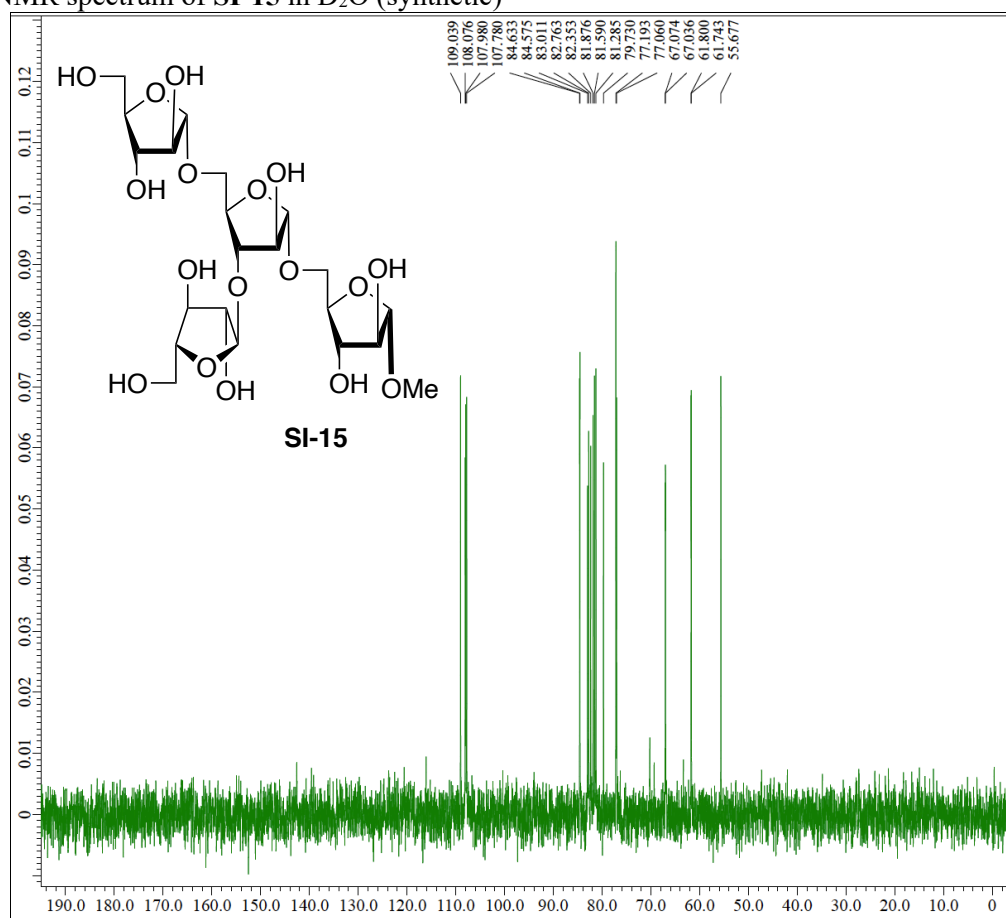
^{13}C NMR spectrum of **SI-14** in CDCl_3



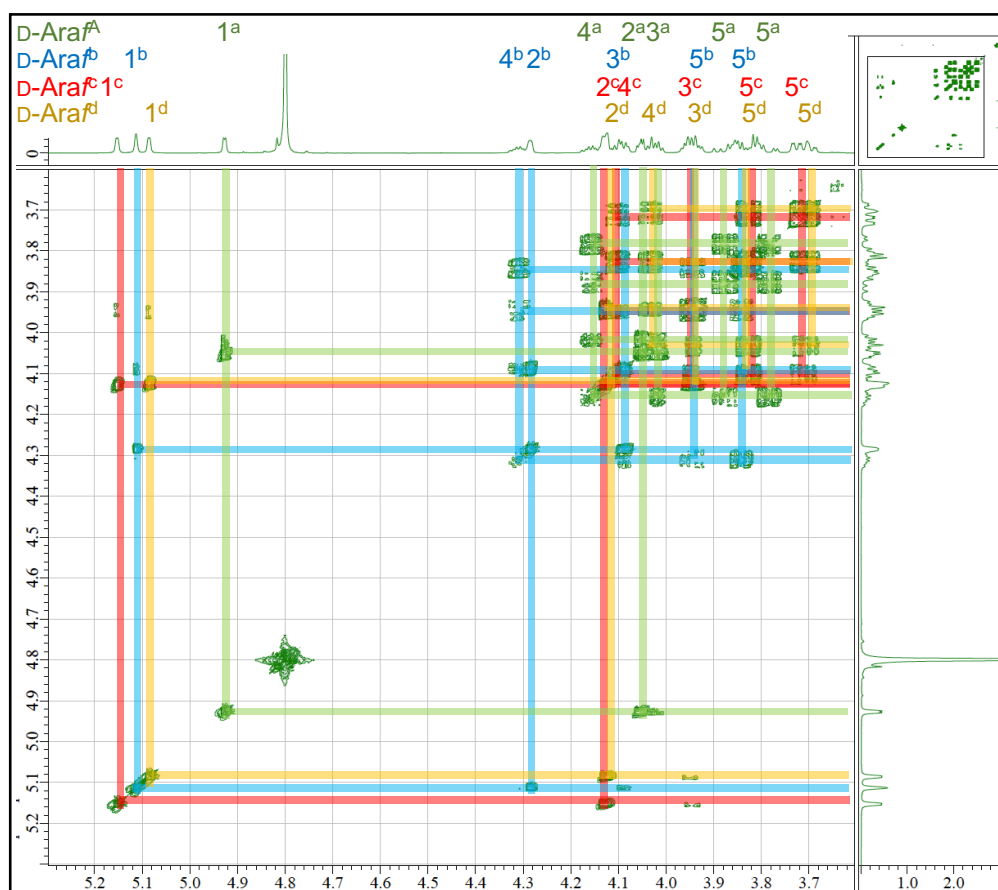
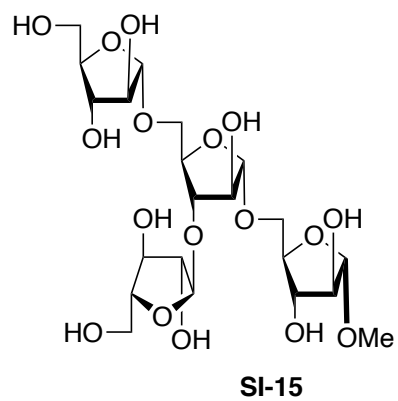
¹H NMR spectrum of **SI-15** in D₂O (synthetic)



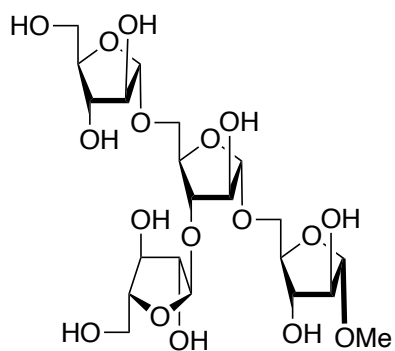
^{13}C NMR spectrum of **SI-15** in D_2O (synthetic)



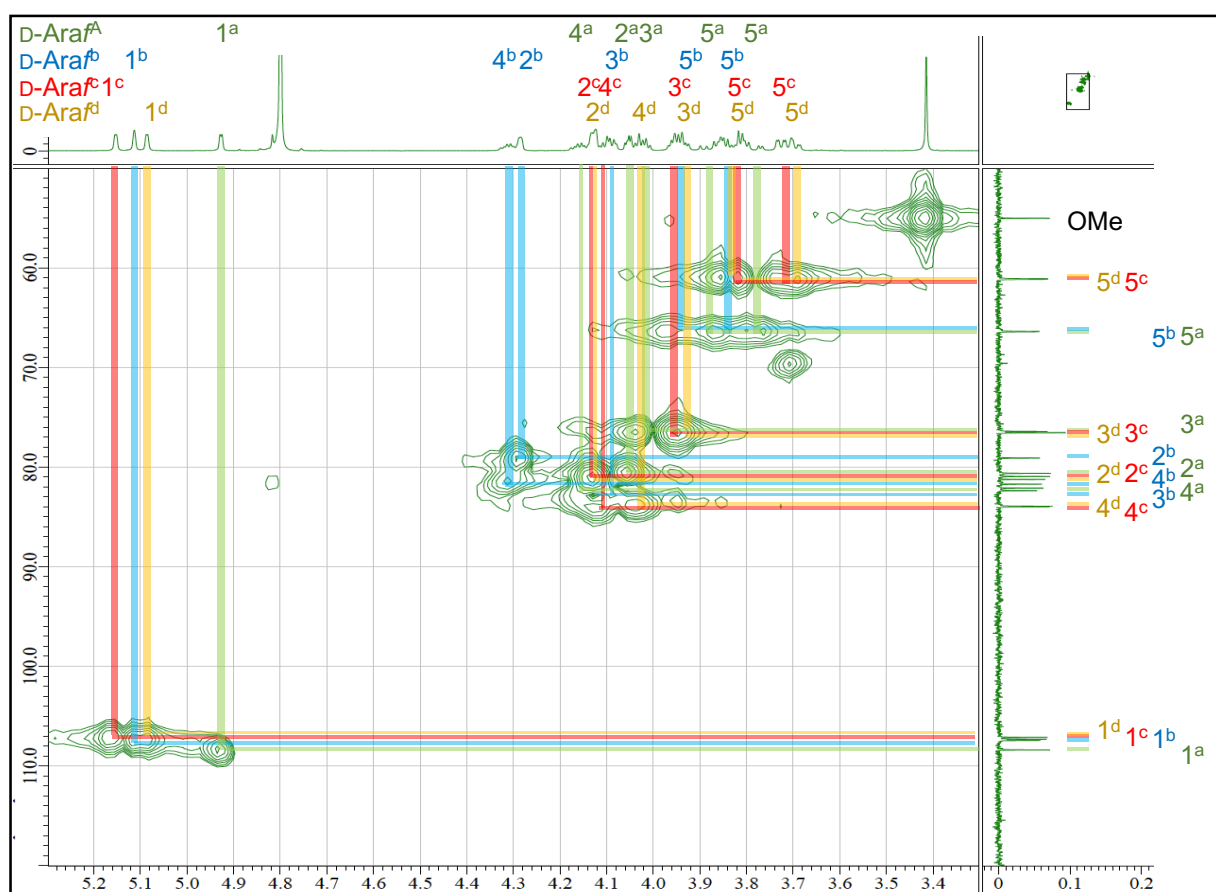
^1H - ^1H COSY spectrum of synthetic **SI-15** in D_2O (synthetic)



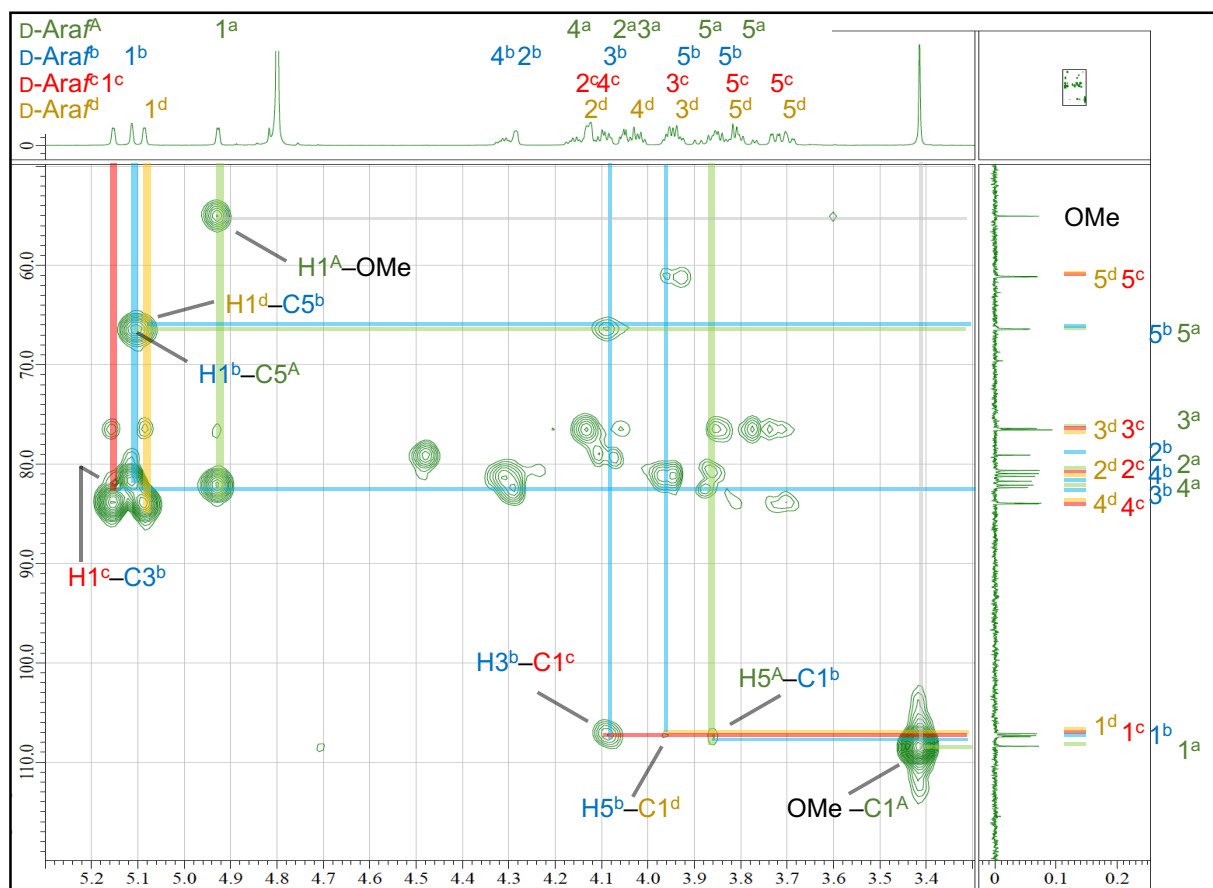
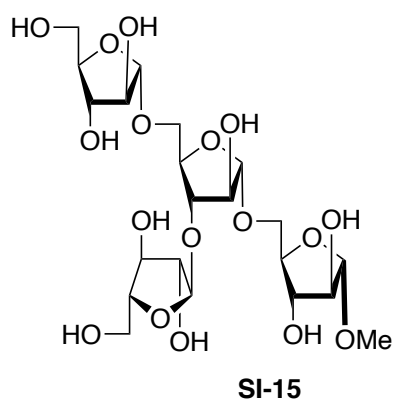
HMQC spectrum of **SI-15** in D₂O (synthetic)



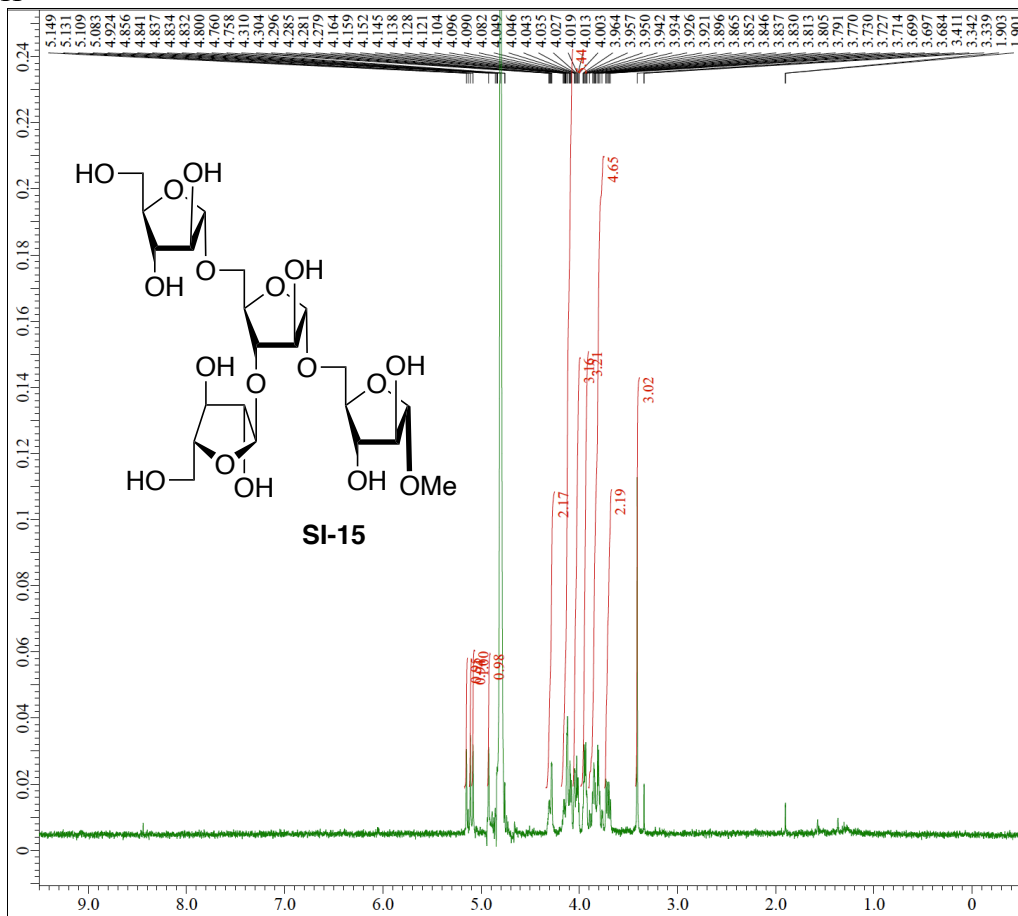
SI-15



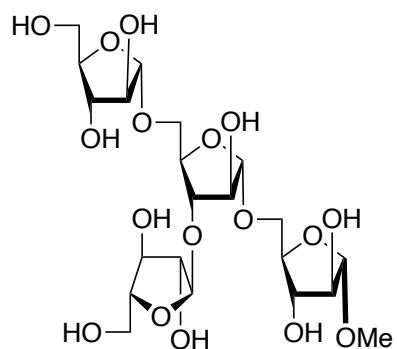
HMBC spectrum of **SI-15** in D₂O (synthetic)



¹H NMR spectrum of **SI-15** in D₂O obtained by enzymatic cleavage of **SI-4b** in the presence of MeOH



^1H - ^1H COSY spectrum of **SI-15** in D_2O obtained by enzymatic cleavage of **SI-4b** in the presence of MeOH



SI-15

