

The Synthesis of Blood Group Antigenic A Trisaccharide and Its Biotinylated Derivative

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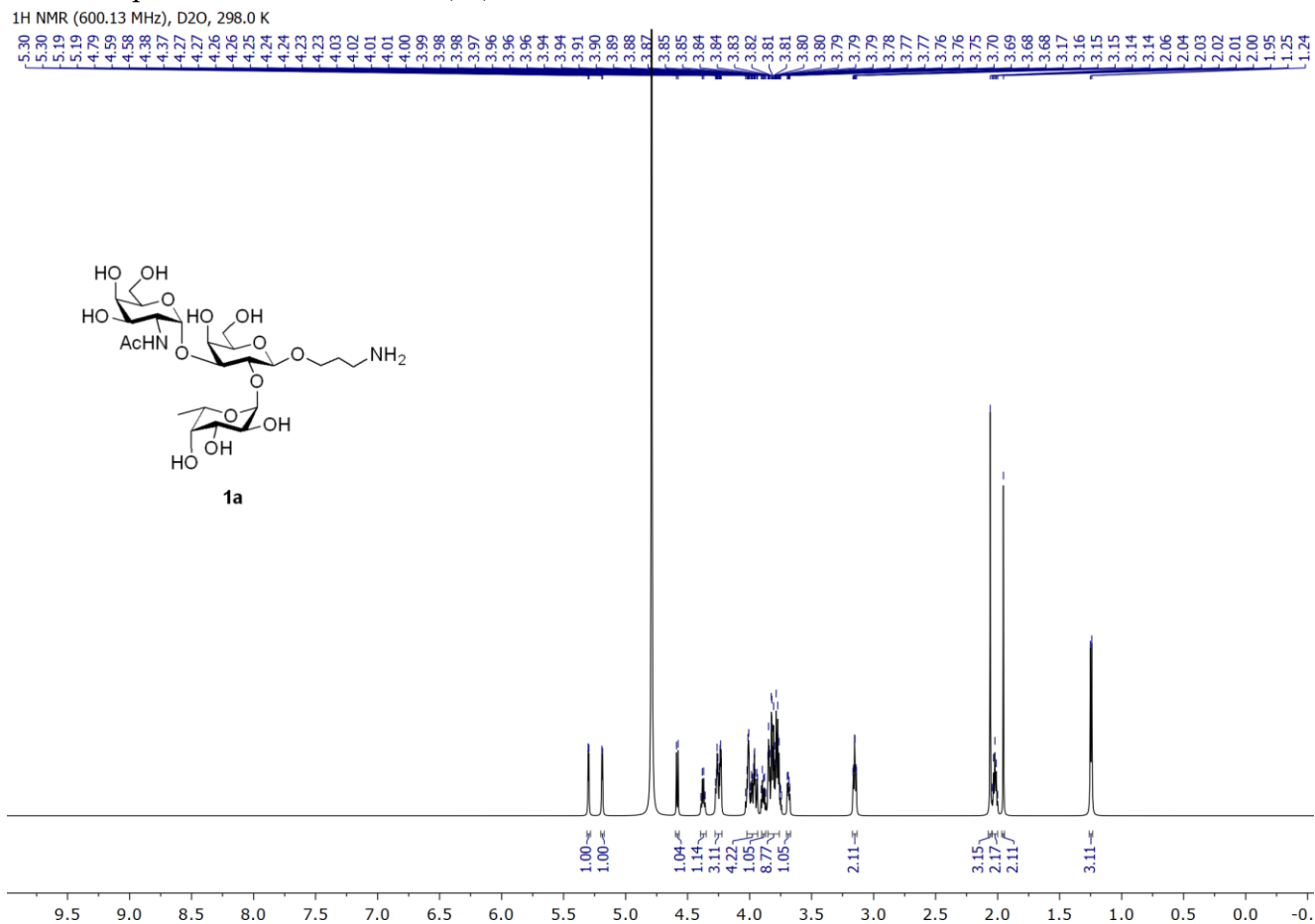
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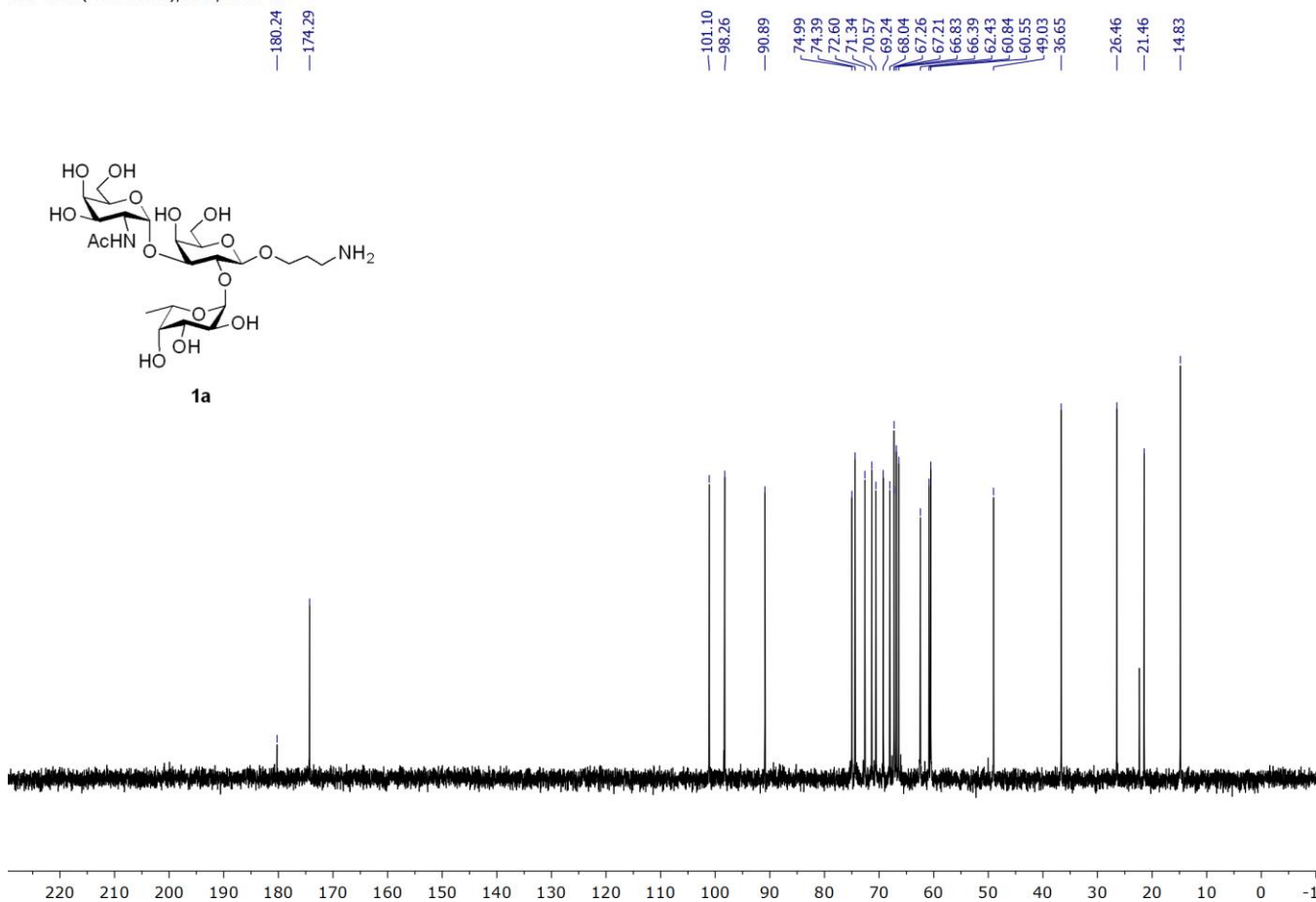
Copies of NMR-spectra

¹H NMR of spacered A trisaccharide (1a)



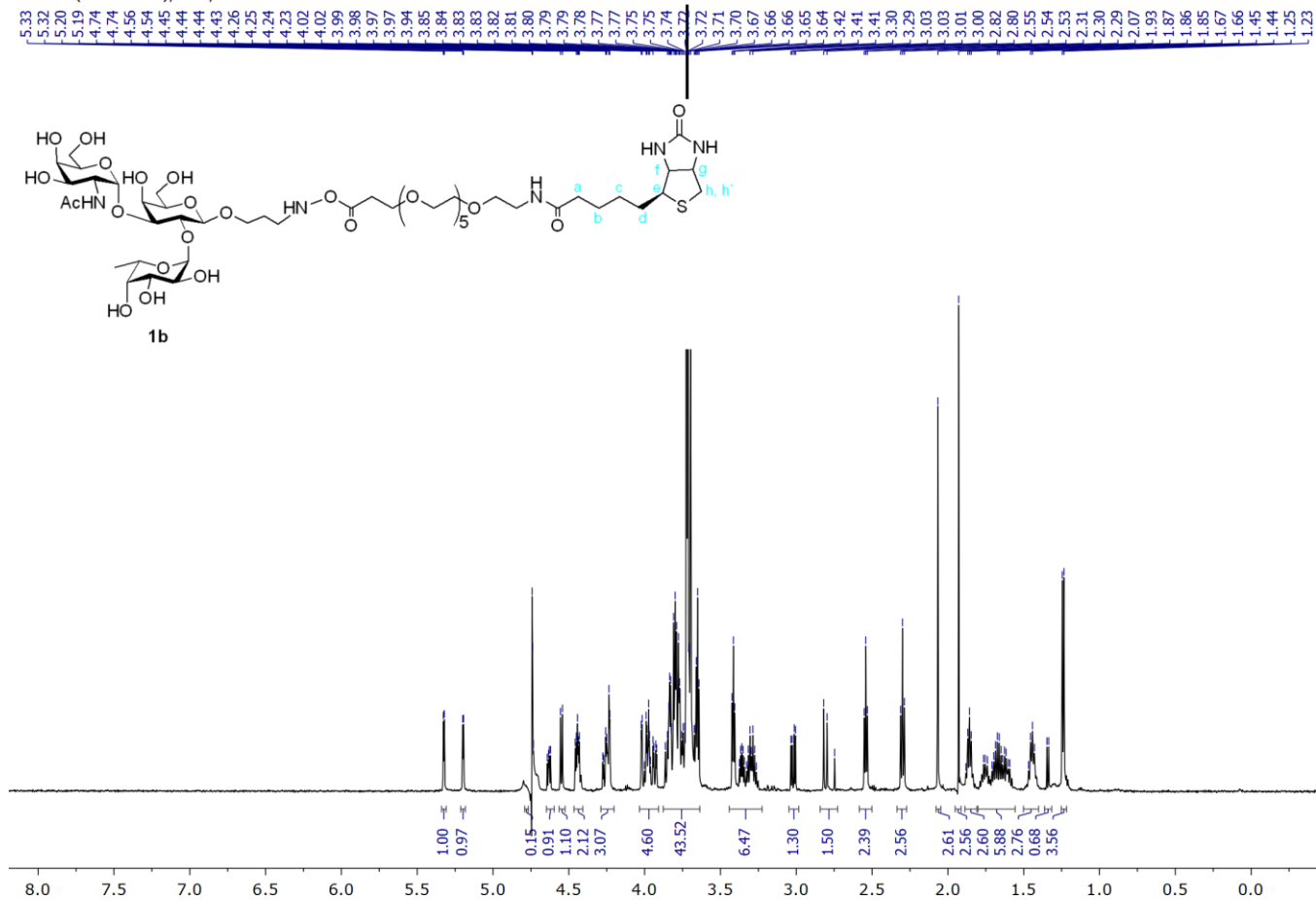
¹³C NMR of spacered A trisaccharide (1a)

¹³C NMR (150.92 MHz), D₂O, 298.0 K

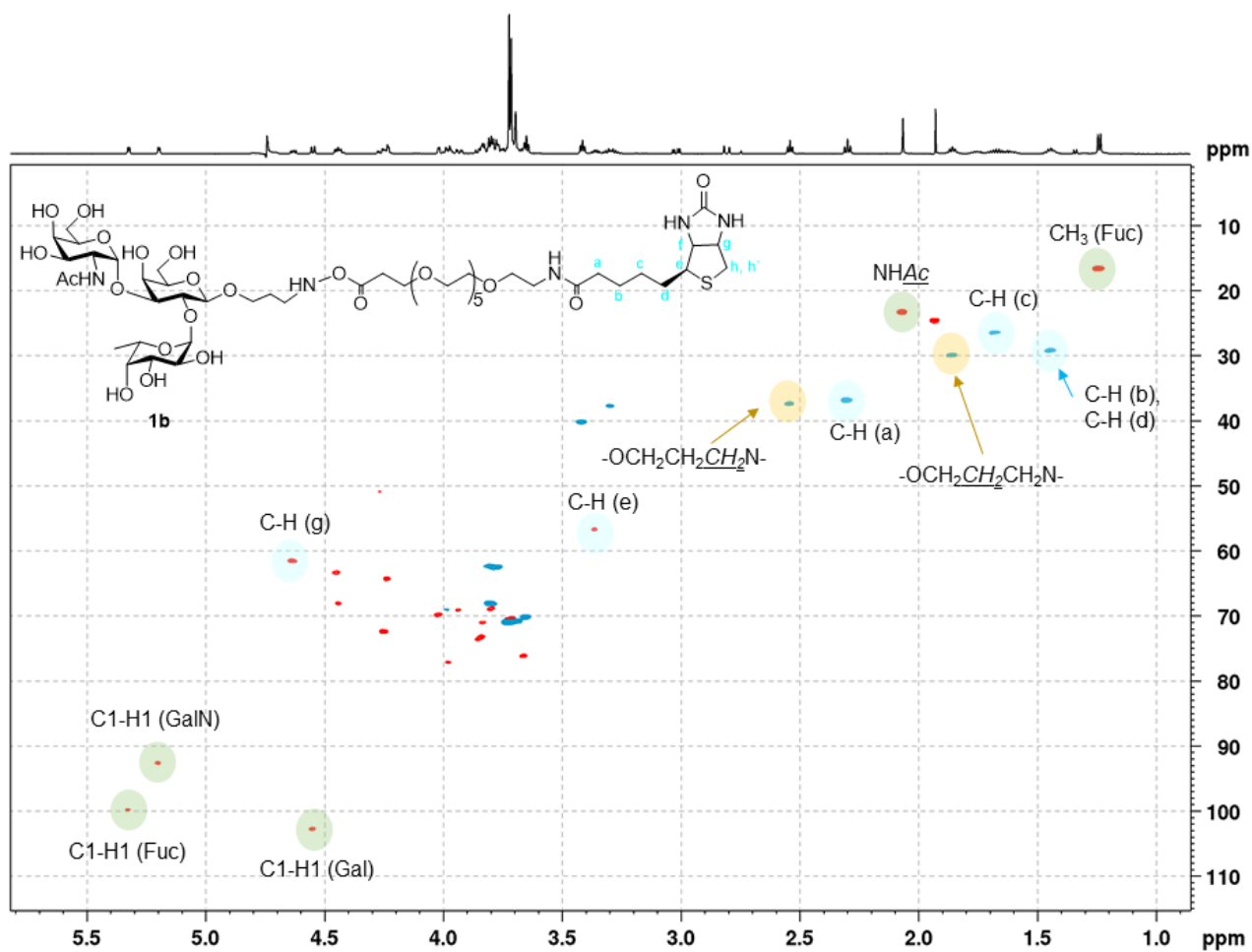


¹H NMR of a biotinylated derivative of spaced A trisaccharide (**1b**)

¹H NMR (600.13 MHz), D₂O, 302.9 K

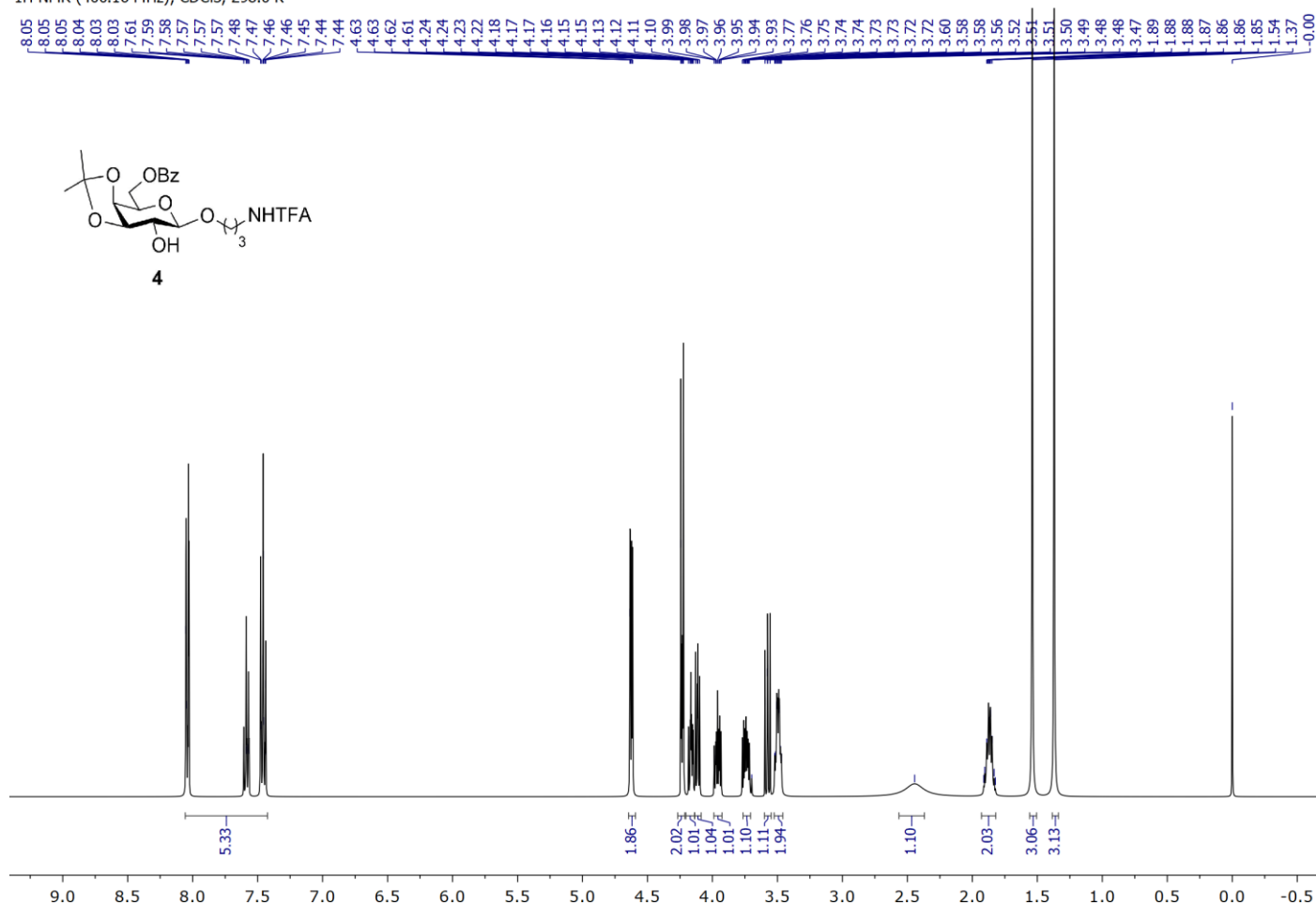


(¹H, ¹³C) HSQC NMR of a biotinylated derivative of spaced A trisaccharide (**1b**)



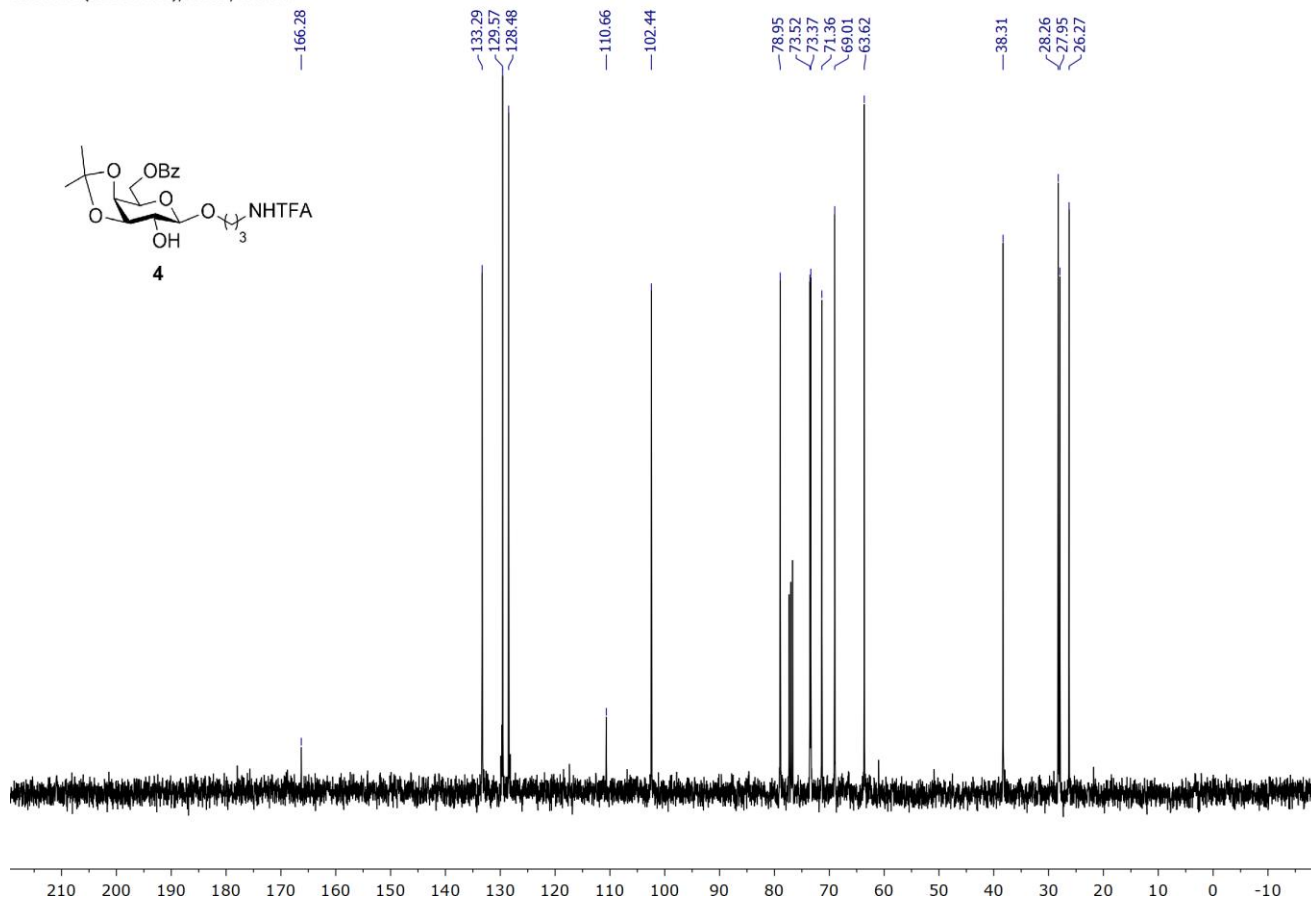
¹H NMR of compound 4

¹H NMR (400.16 MHz), CDCl₃, 298.0 K



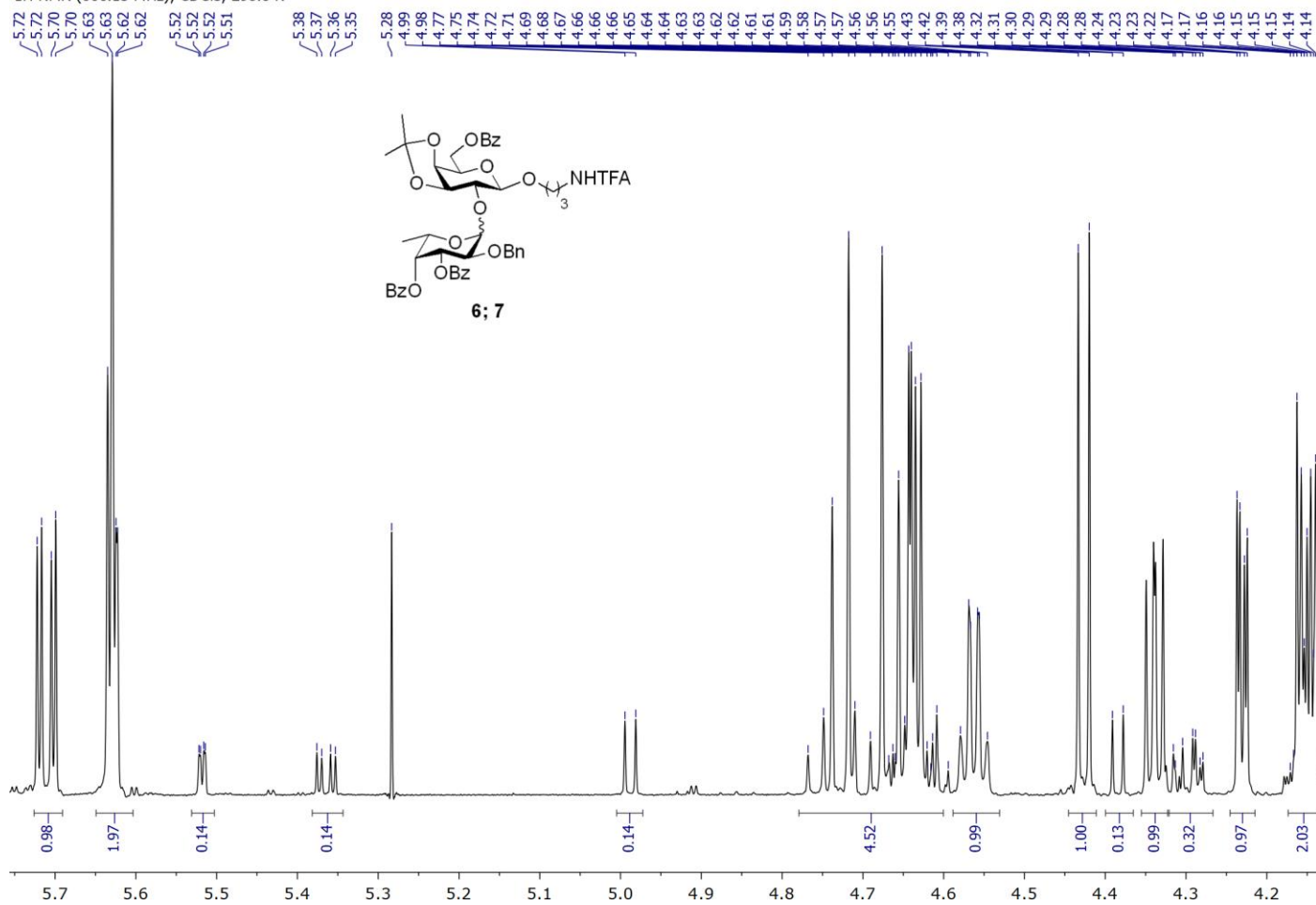
¹³C NMR of compound 4

¹³C NMR (100.63 MHz), CDCl₃, 298.0 K



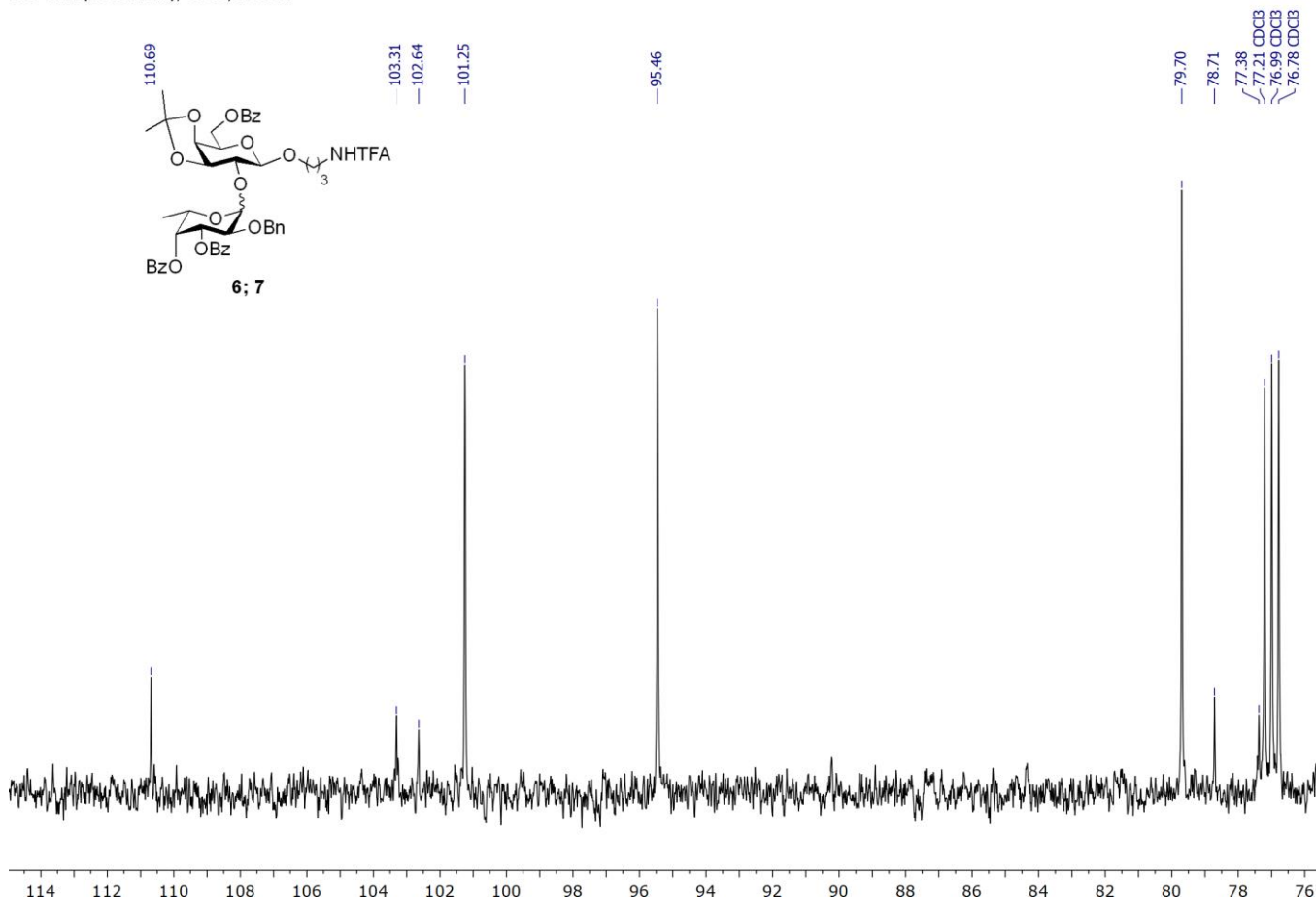
¹H NMR of mixture **6** and **7** (*inter alia*)

¹H NMR (600.13 MHz), CDCl₃, 298.8 K



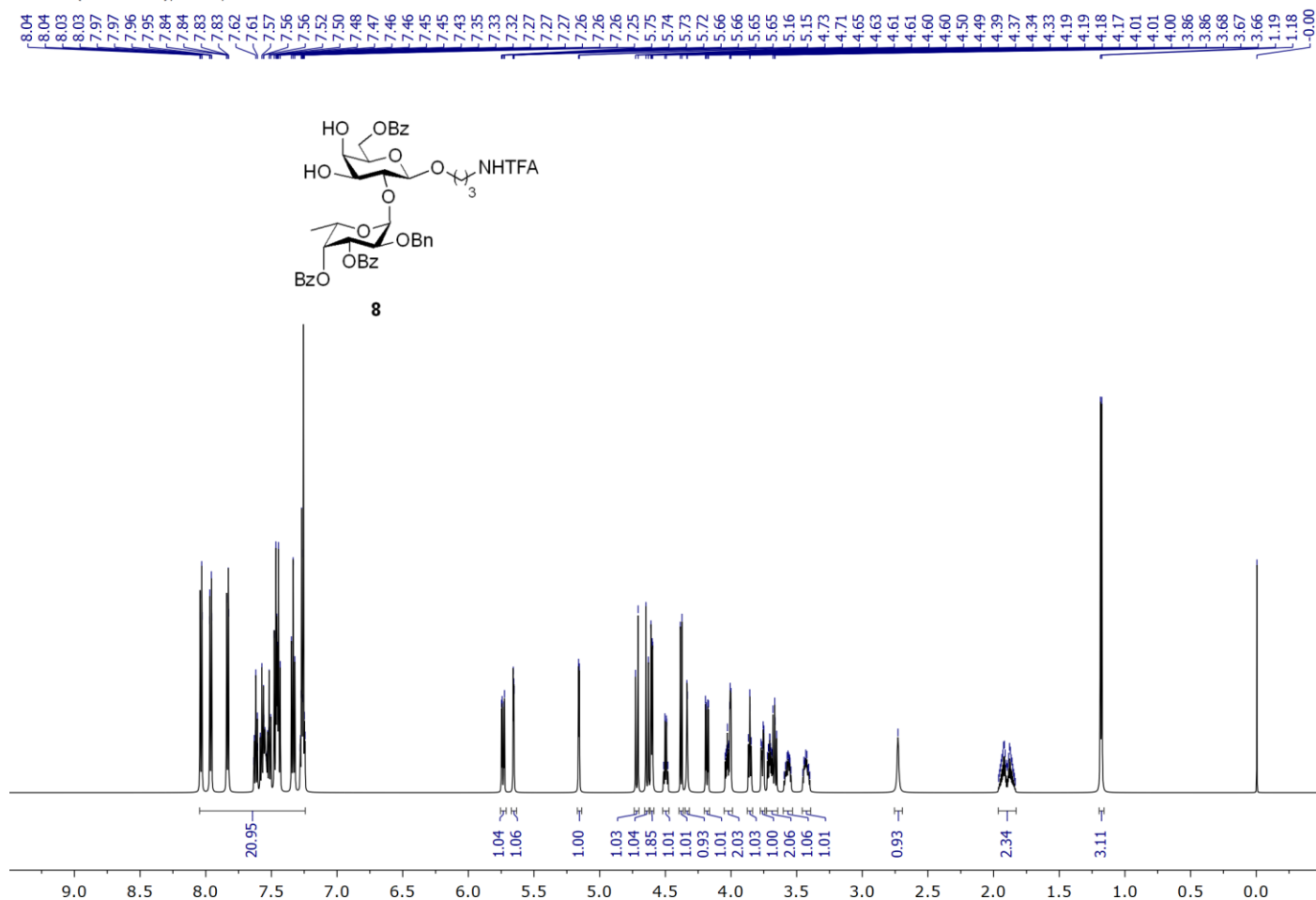
¹³C NMR of mixture **6** and **7** (*inter alia*)

¹³C NMR (150.92 MHz), CDCl₃, 298.8 K



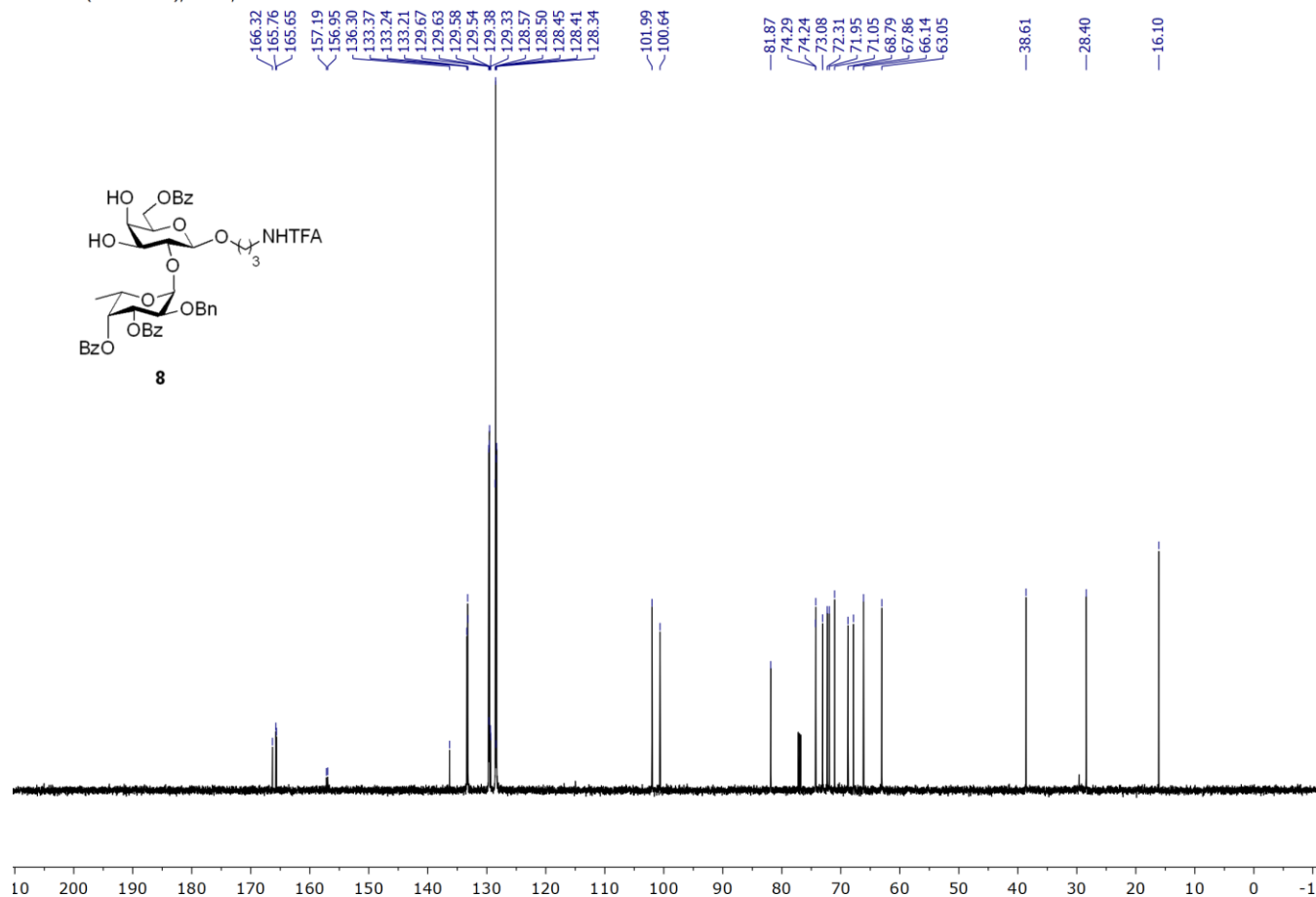
¹H NMR of compound 8

¹H NMR (600.13 MHz), CDCl₃, 295.1 K



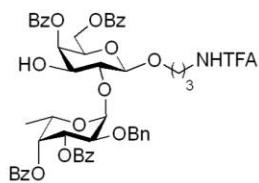
¹³C NMR of compound 8

¹³C NMR (150.92 MHz), CDCl₃, 295.6 K

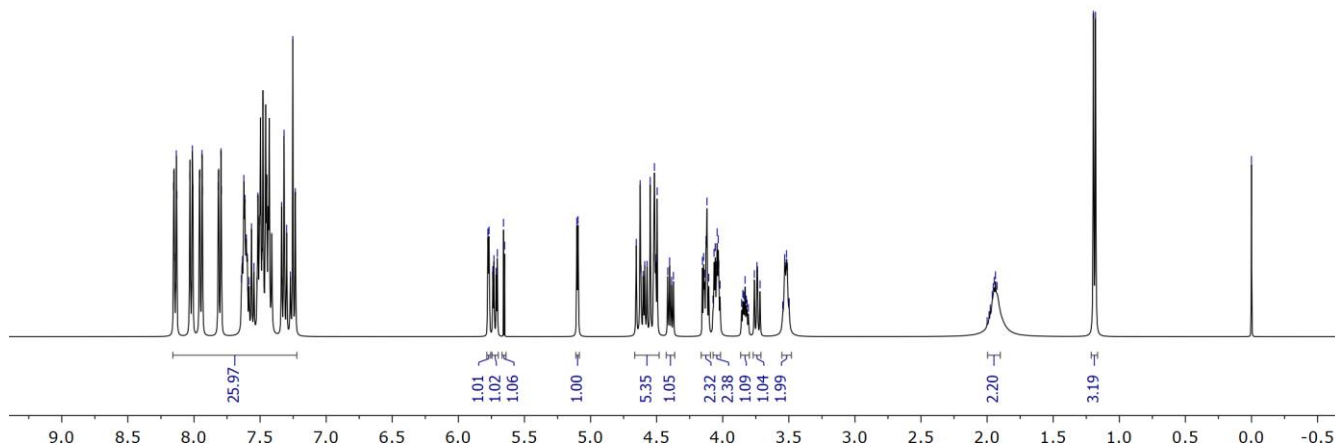


¹H NMR of compound 9

¹H NMR (400.16 MHz), CDCl₃, 300.0 K

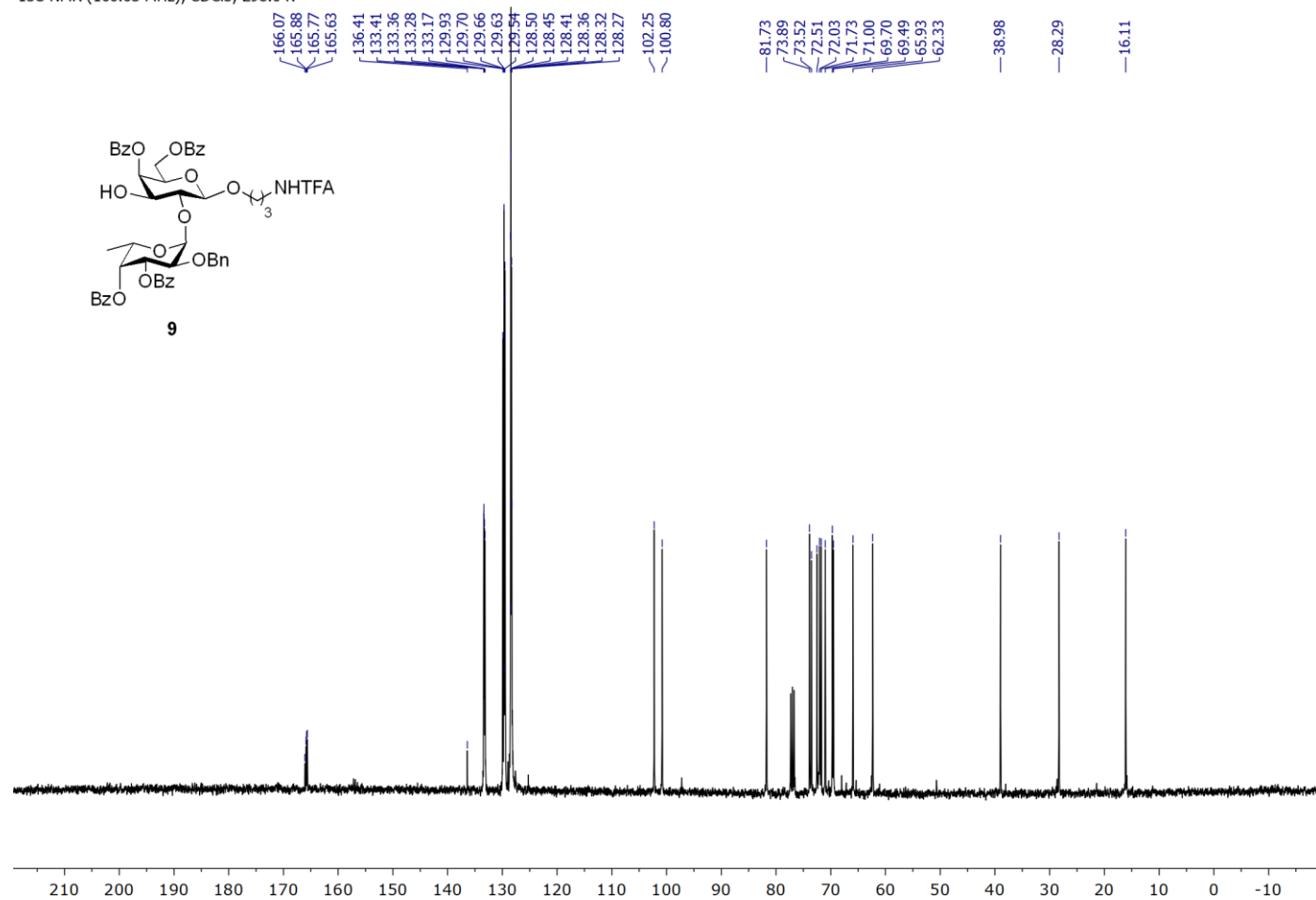


9



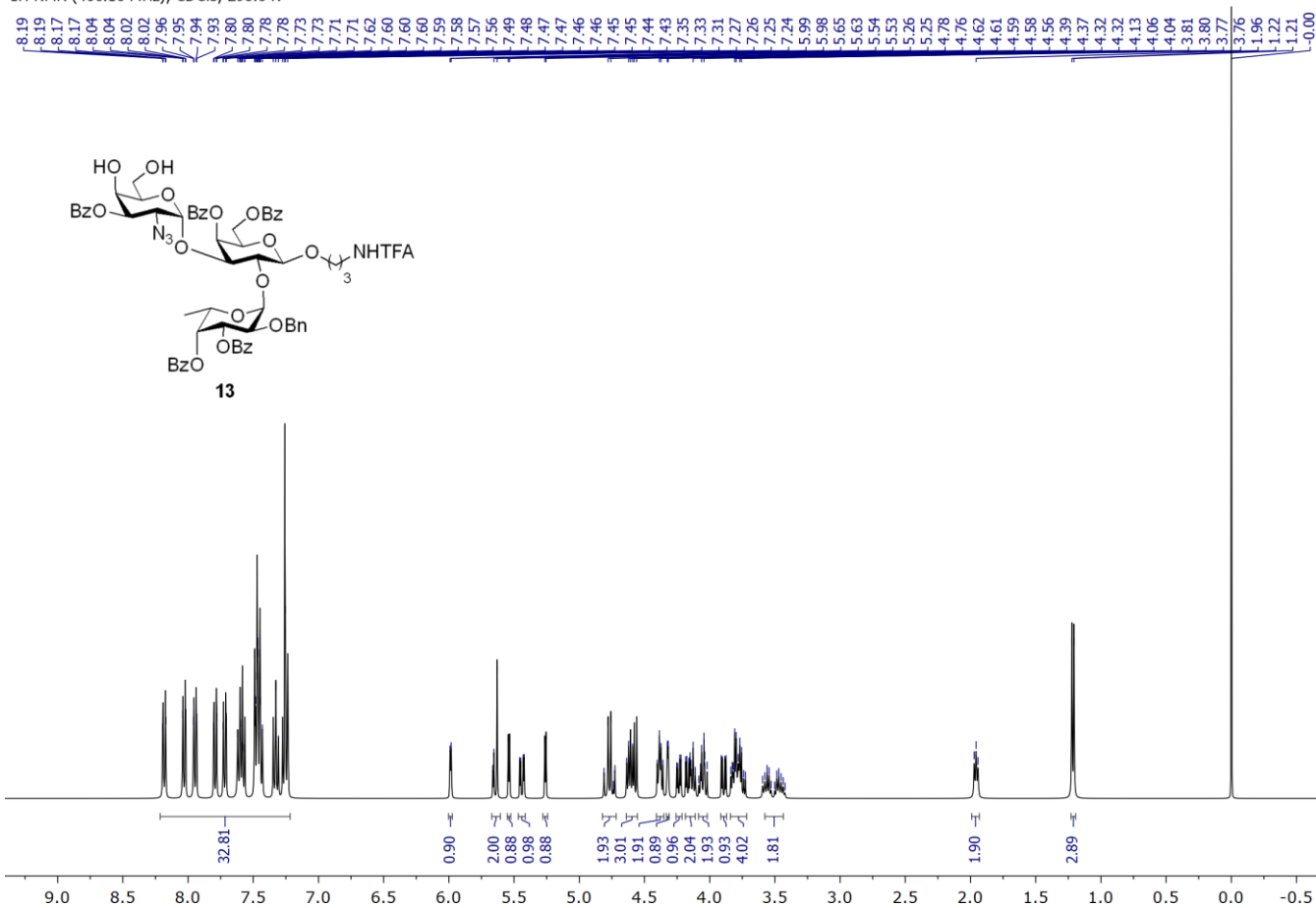
¹³C NMR of compound 9

¹³C NMR (100.63 MHz), CDCl₃, 298.0 K



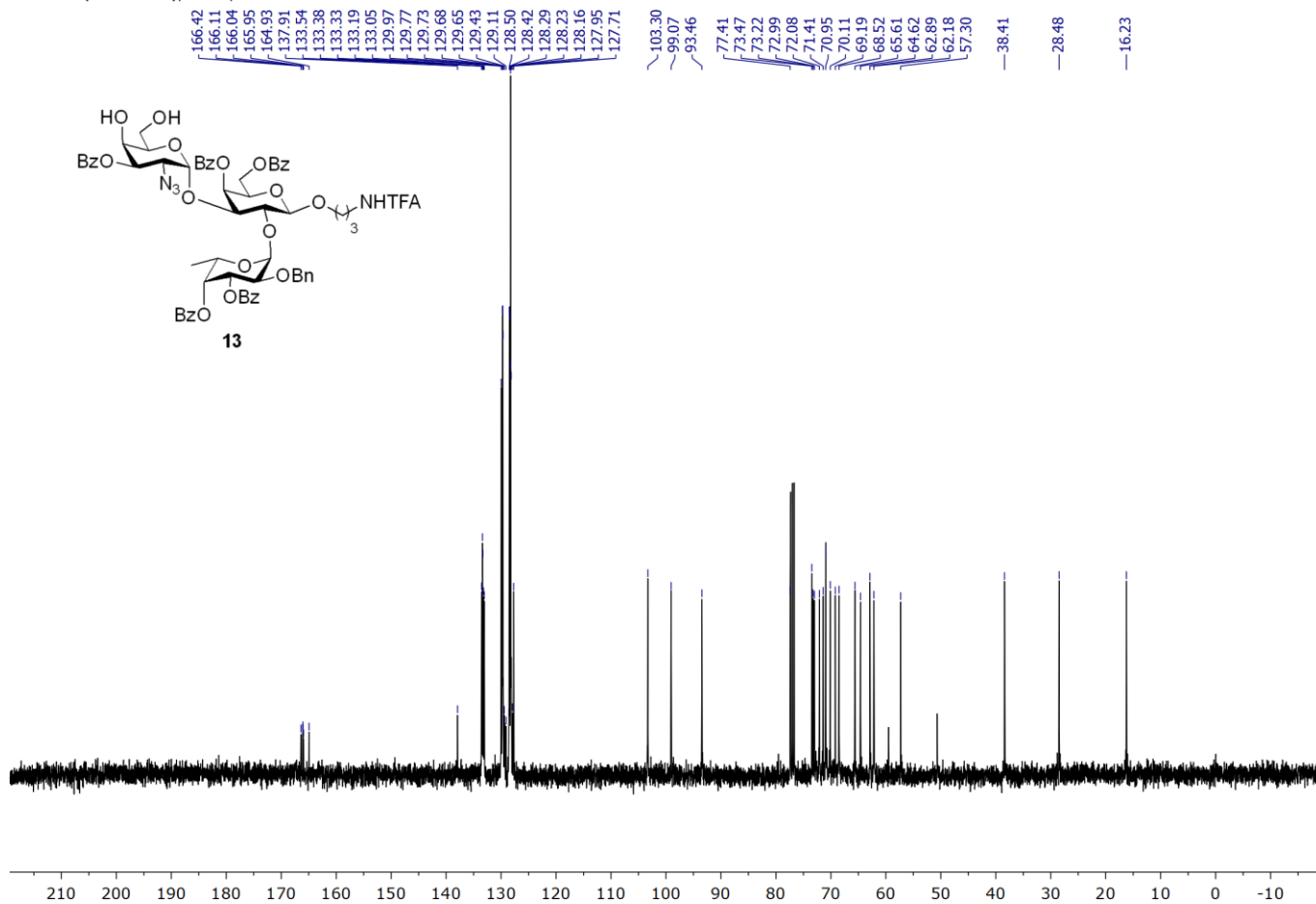
¹H NMR of compound **13**

¹H NMR (400.16 MHz), CDCl₃, 298.0 K



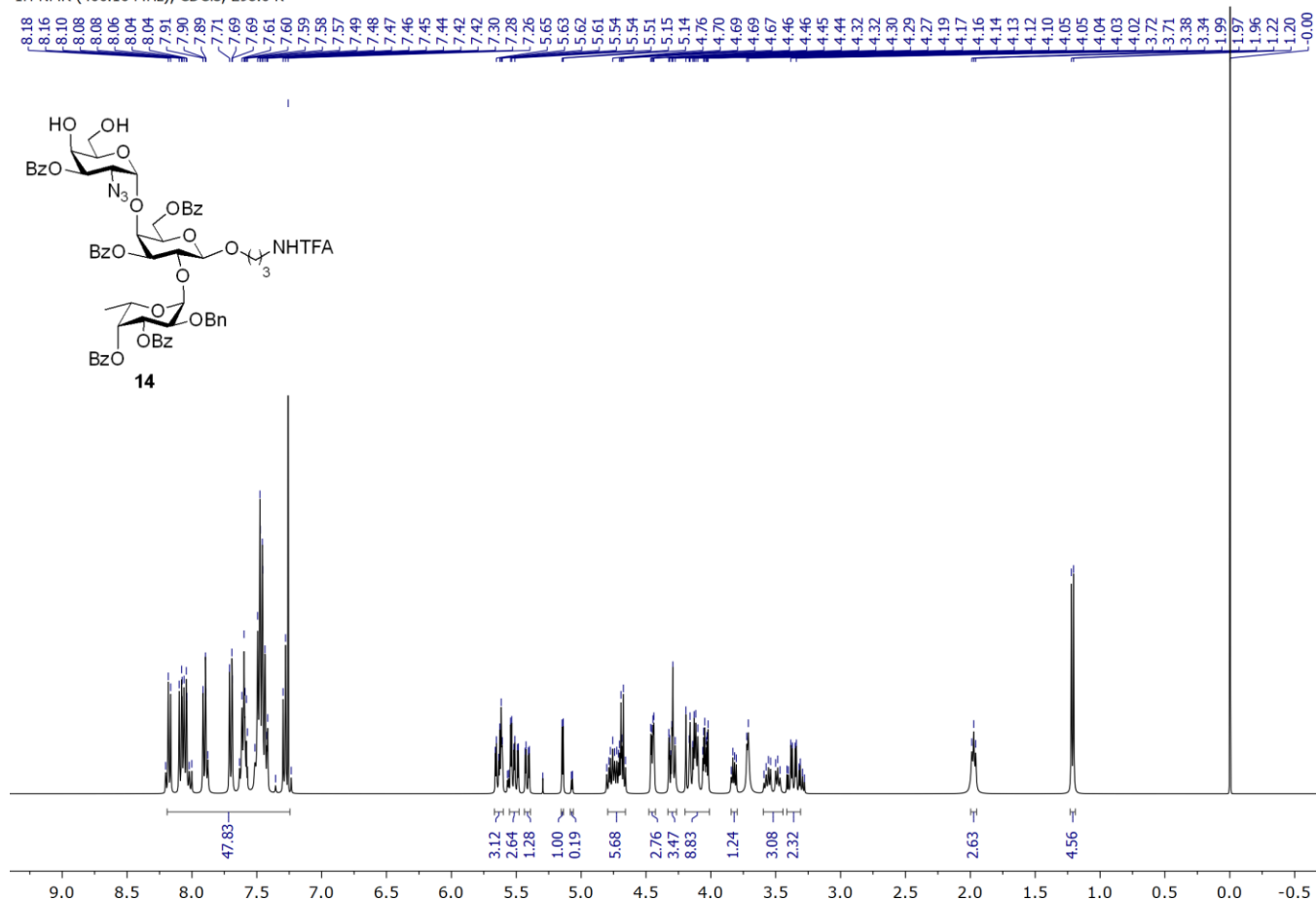
¹³C NMR of compound **13**

¹³C NMR (100.63 MHz), CDCl₃, 298.0 K



¹H NMR of compound **14**

¹H NMR (400.16 MHz), CDCl₃, 298.0 K



¹³C NMR of compound **14**

¹³C NMR (100.63 MHz), CDCl₃, 298.0 K

