

Electronic Supporting Information

A target oriented expeditious approach towards synthesis of certain bacterial rare sugar derivatives

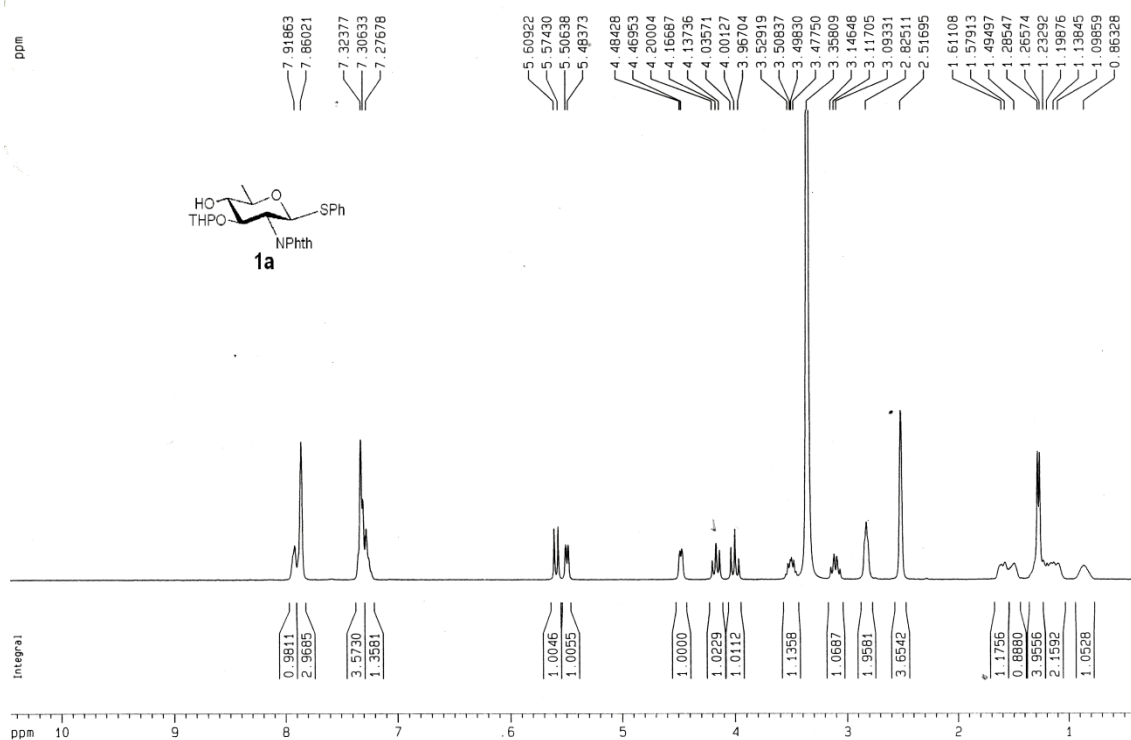
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Department of Chemistry, Jadavpur University, Kolkata 700032, India

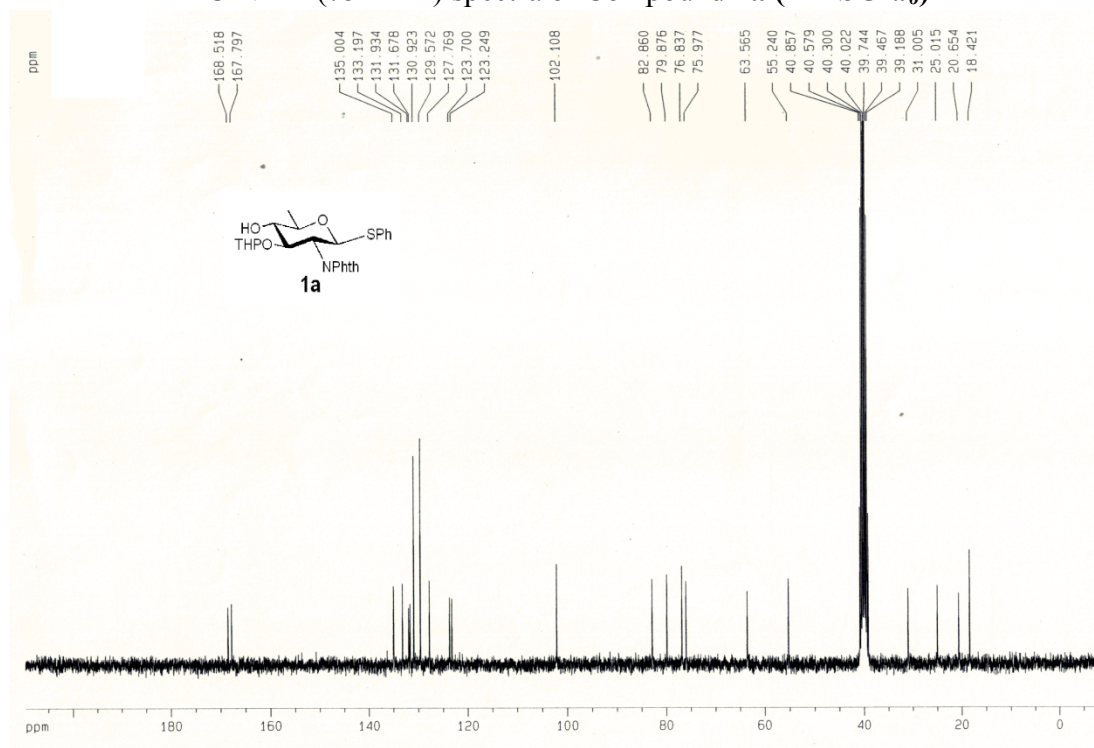
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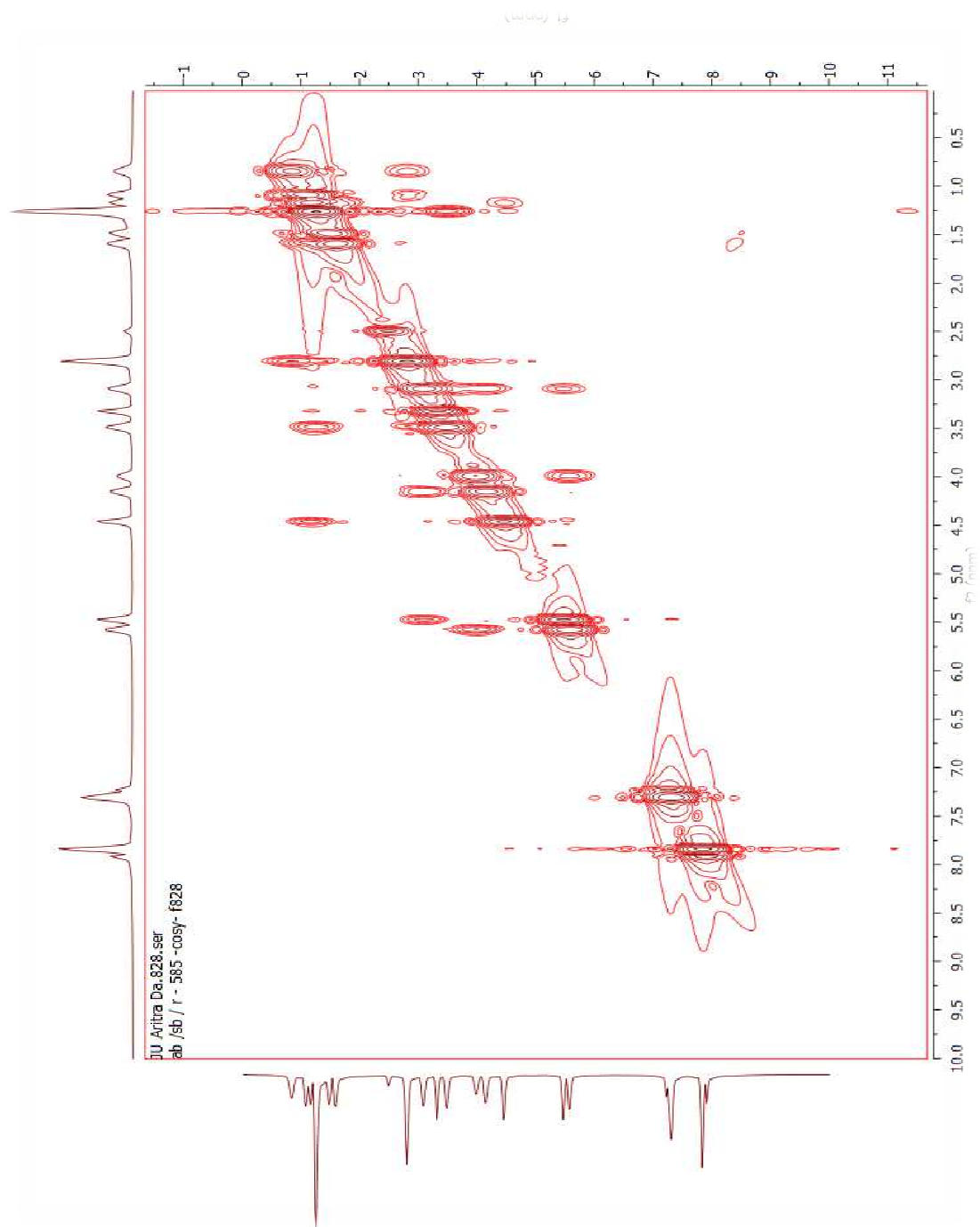
¹H-NMR (300 MHz) spectra of Compound **1a** (DMSO-*d*₆)



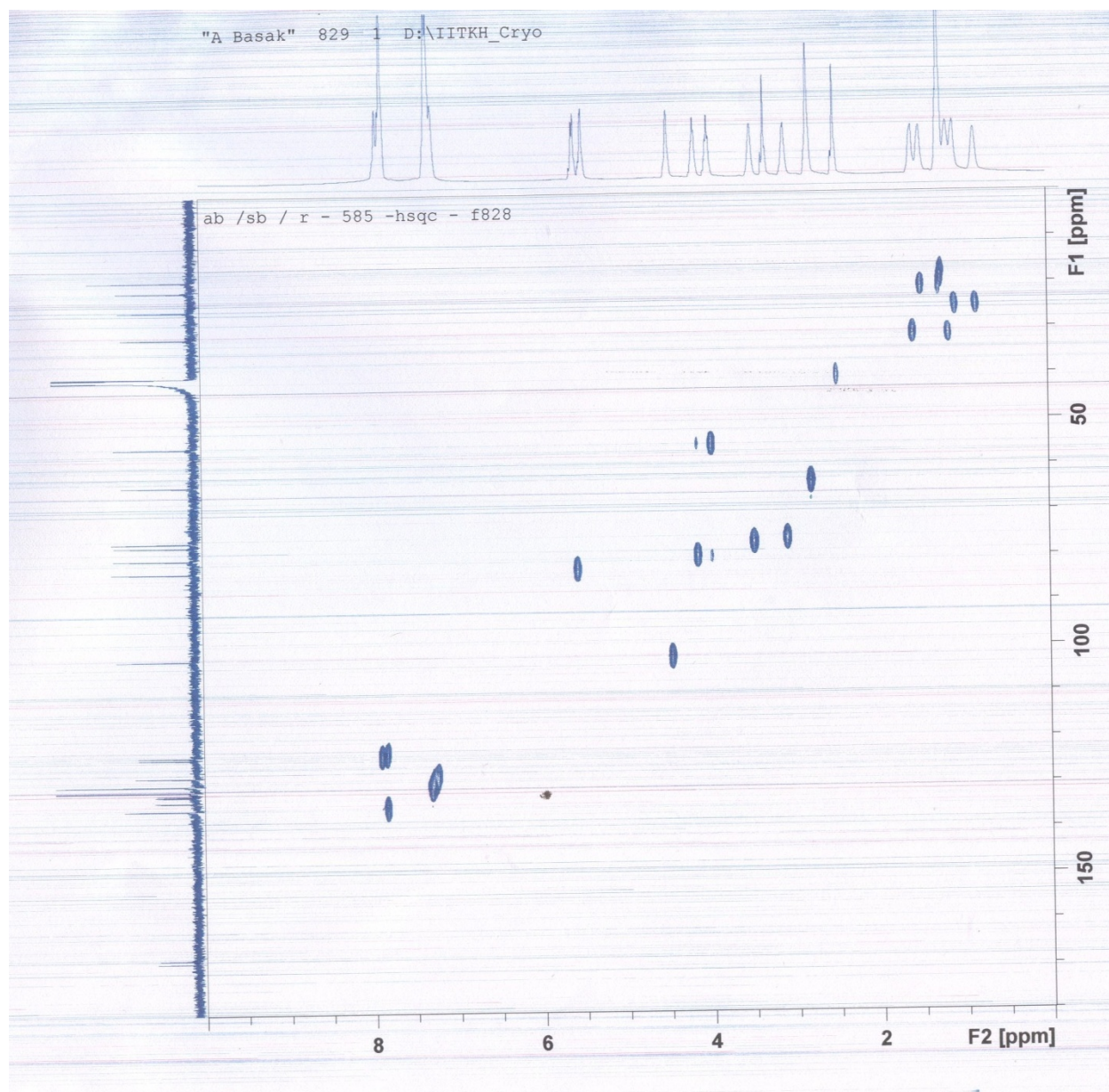
¹³C NMR (75 MHz) spectra of Compound **1a** (DMSO-*d*₆)



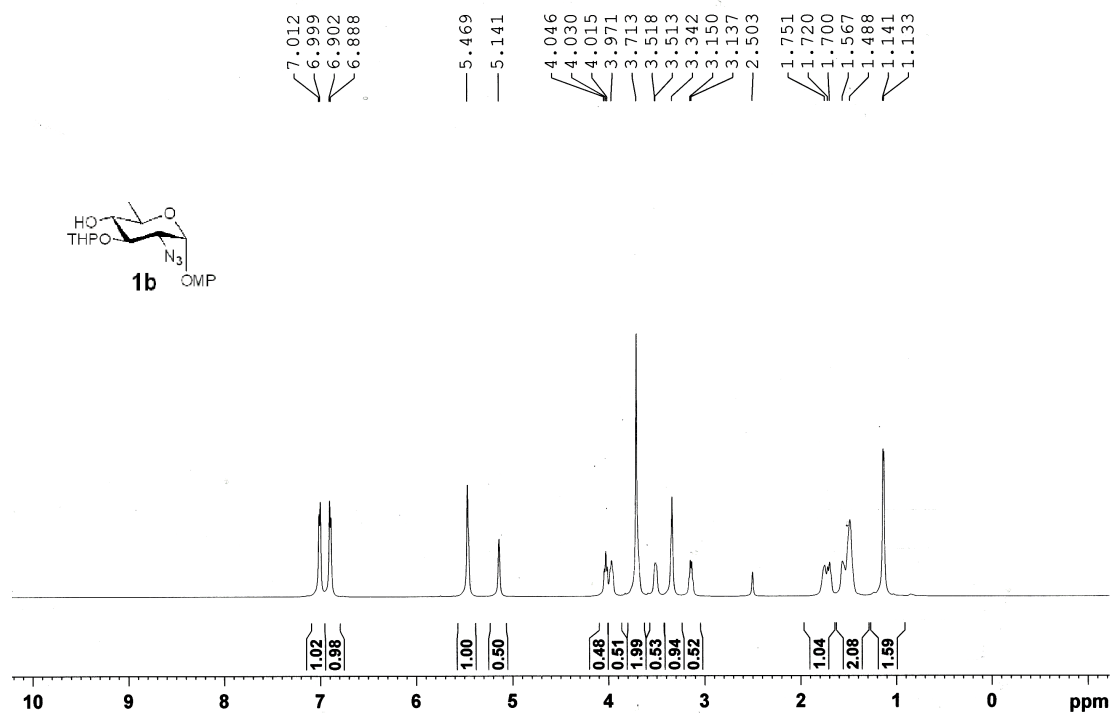
^1H - ^1H COSY Spectra of Compound **1a** ($\text{DMSO}-d_6$)



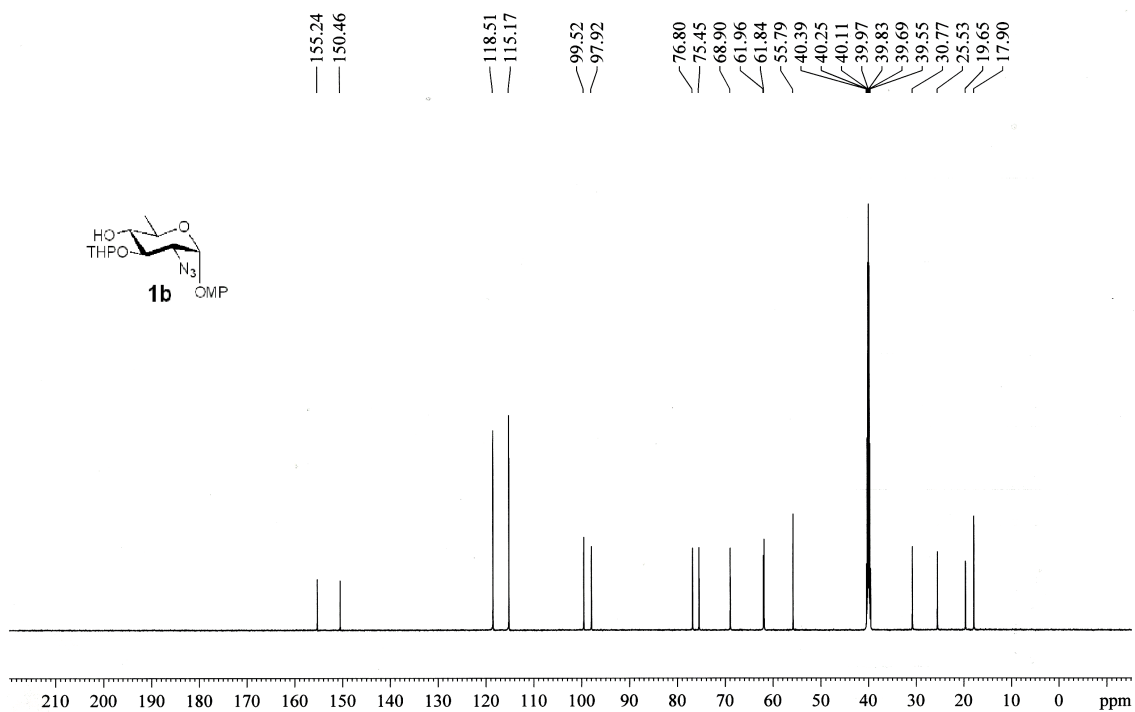
HSQC Spectra of Compound **1a** (DMSO-*d*₆)



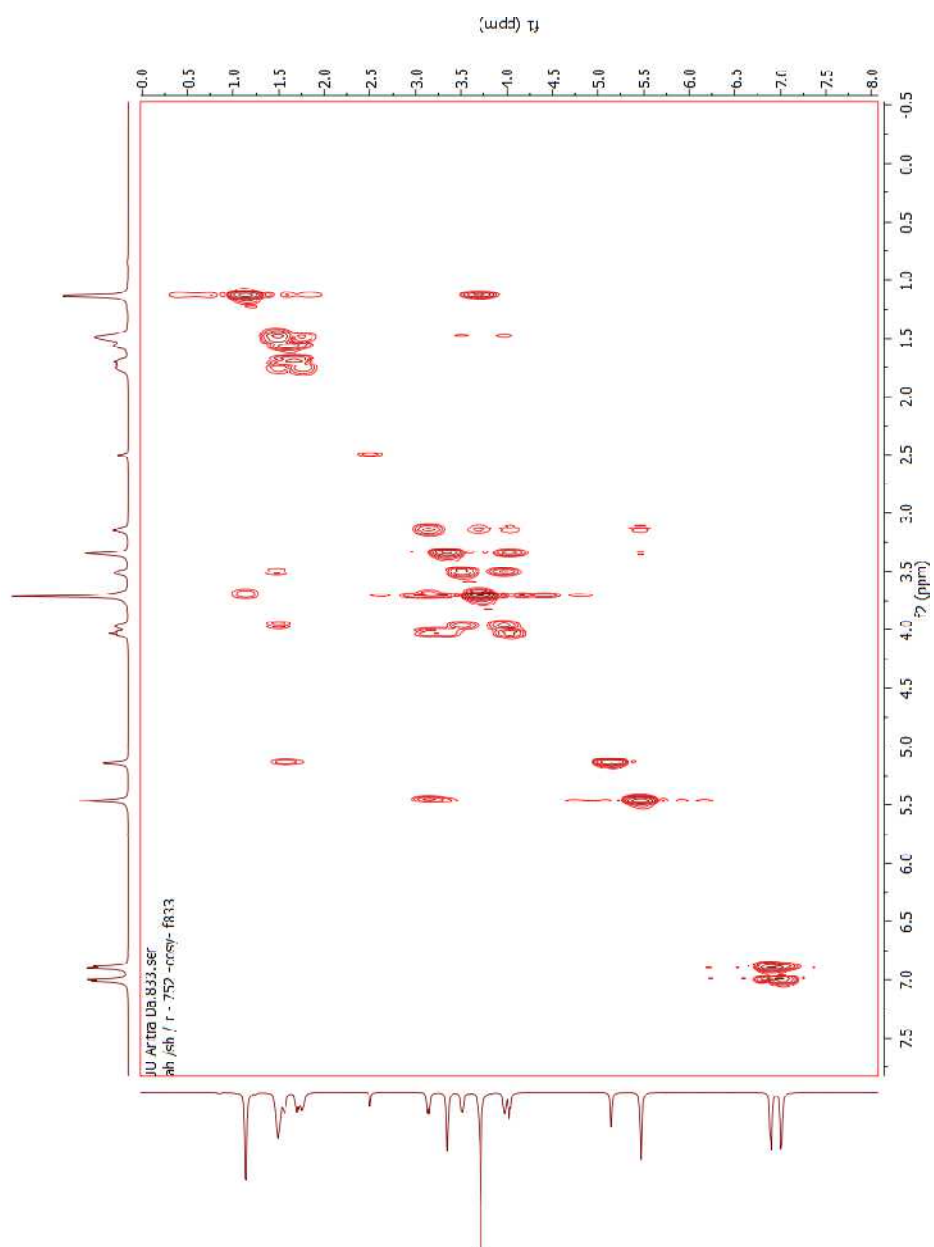
¹H-NMR (600 MHz) spectra of Compound **1b** (DMSO-*d*₆)



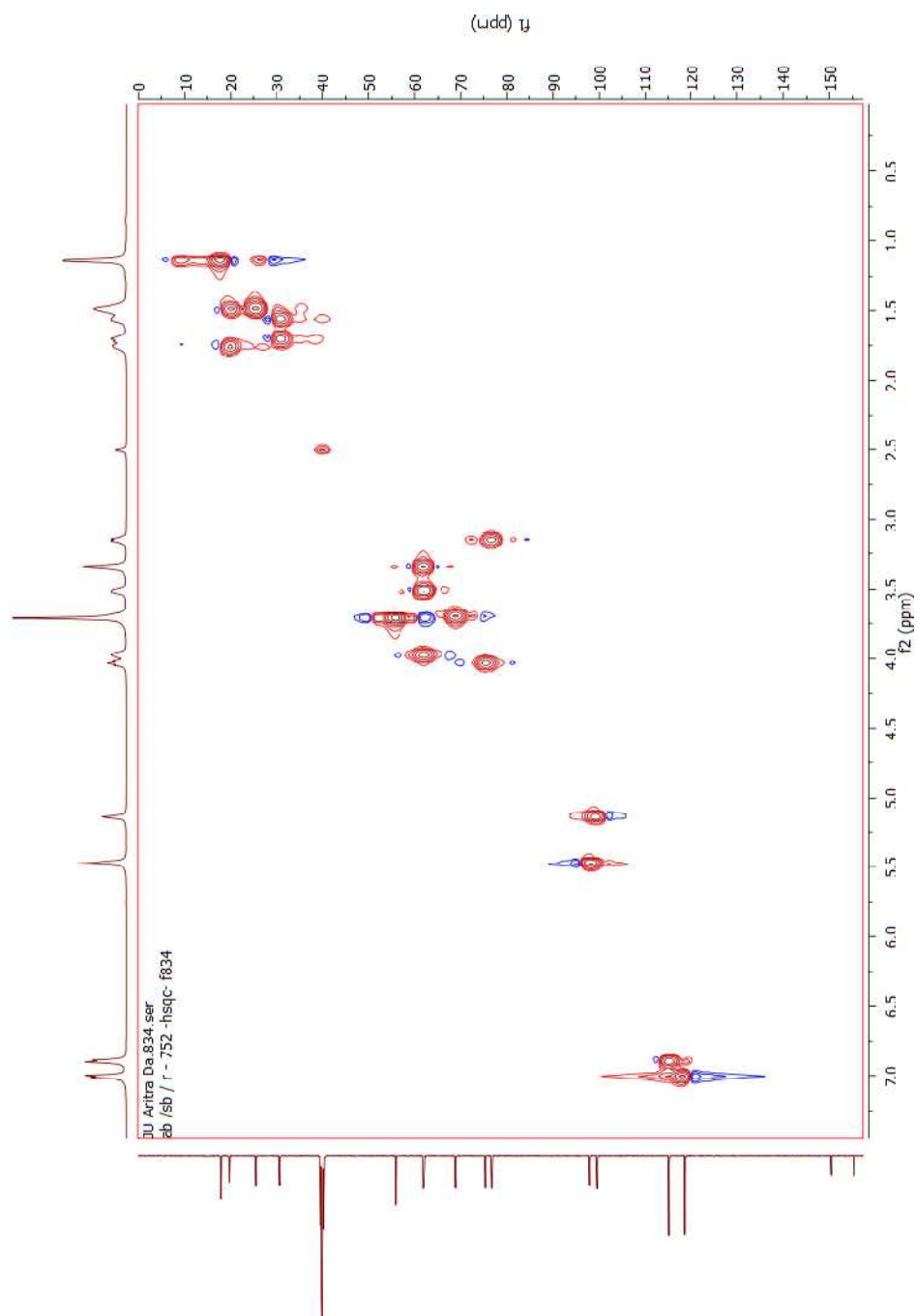
¹³C-NMR (150 MHz) spectra of Compound **1b** (DMSO-*d*₆)



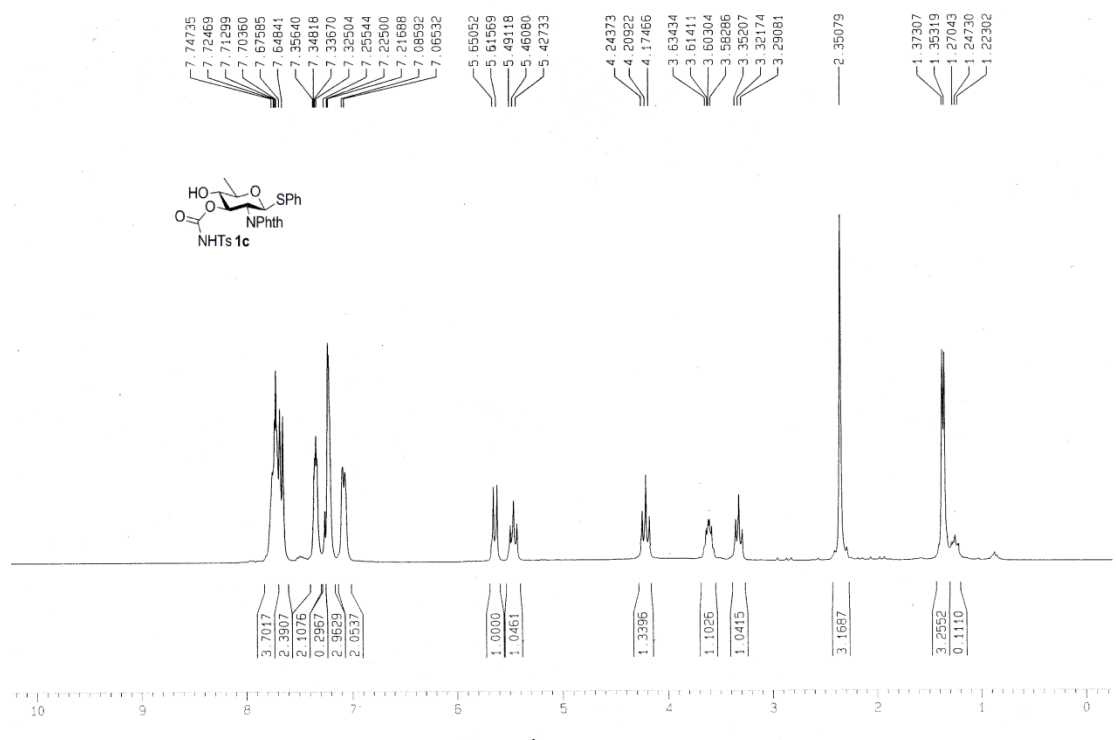
^1H - ^1H COSY Spectra of Compound **1b** ($\text{DMSO}-d_6$)



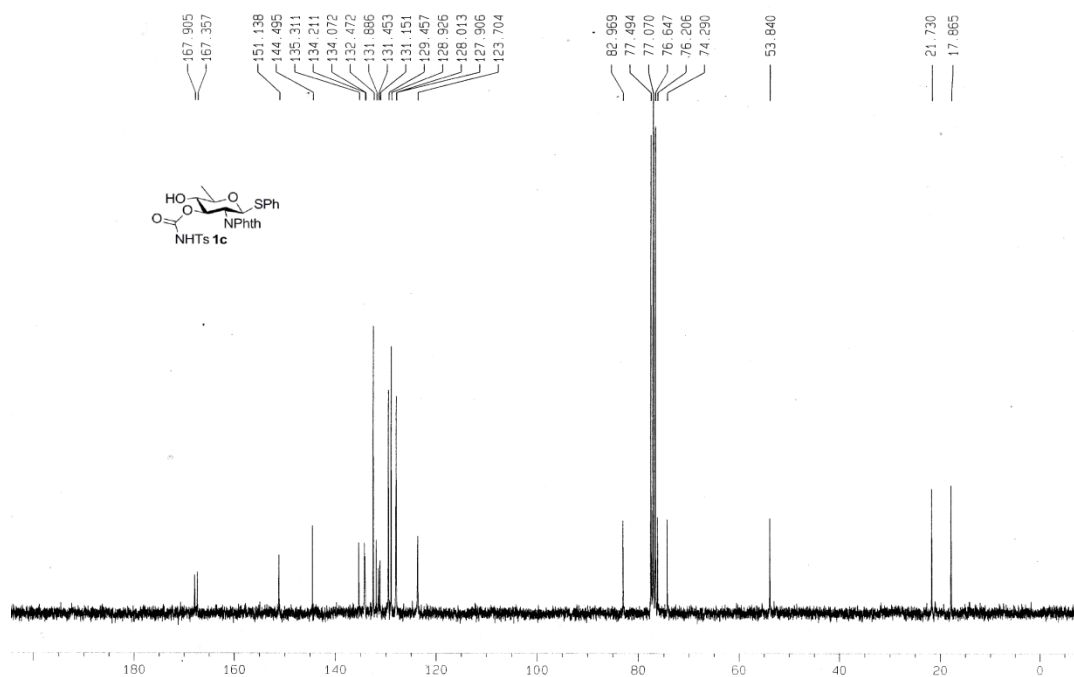
HSQC Spectra of Compound **1b** (DMSO-*d*₆)



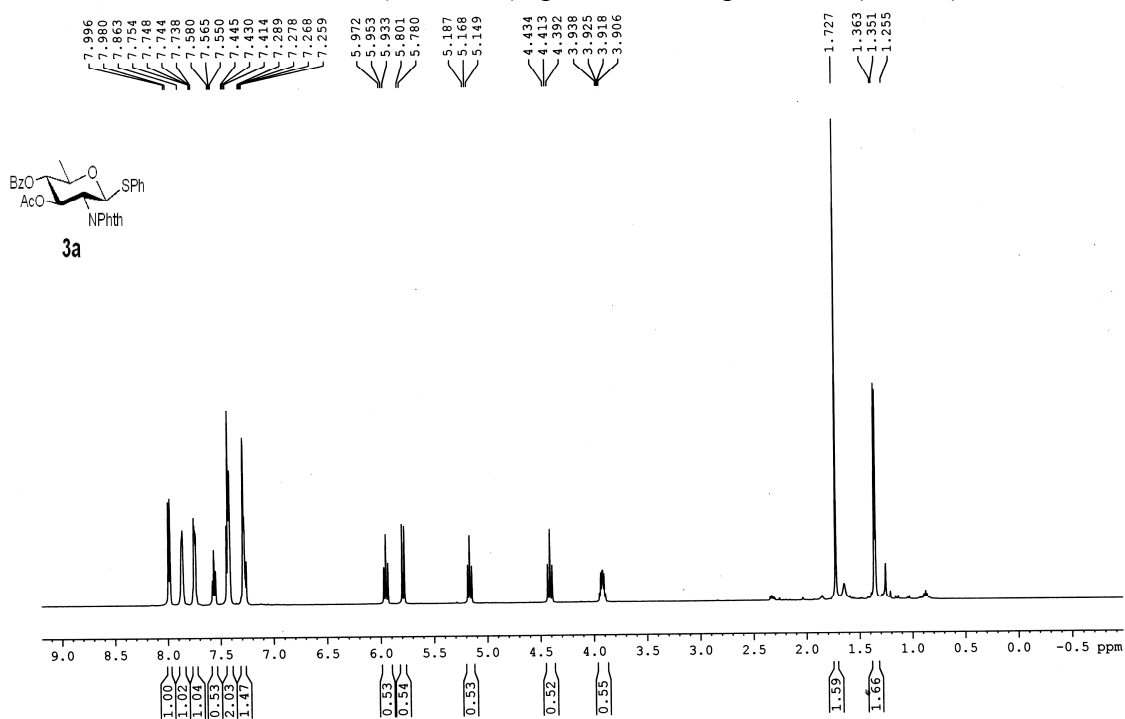
¹H-NMR (300 MHz) spectra of Compound **1c** (CDCl₃)



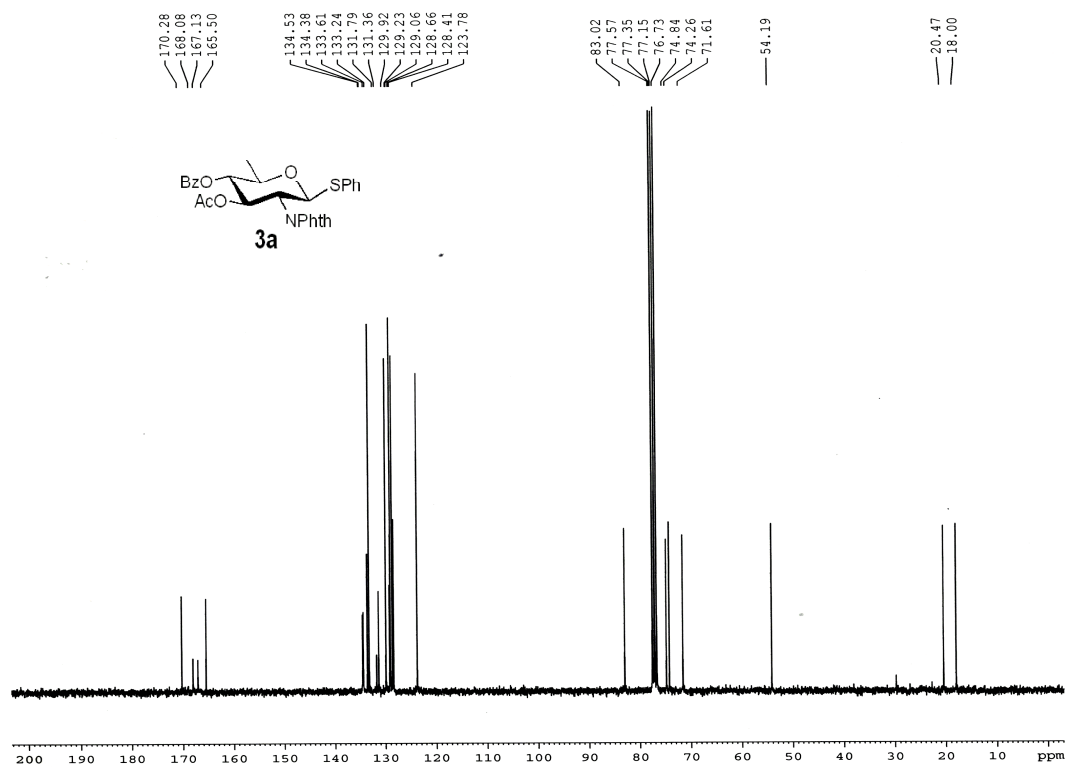
¹³C-NMR (75 MHz) spectra of Compound **1c** (CDCl₃)



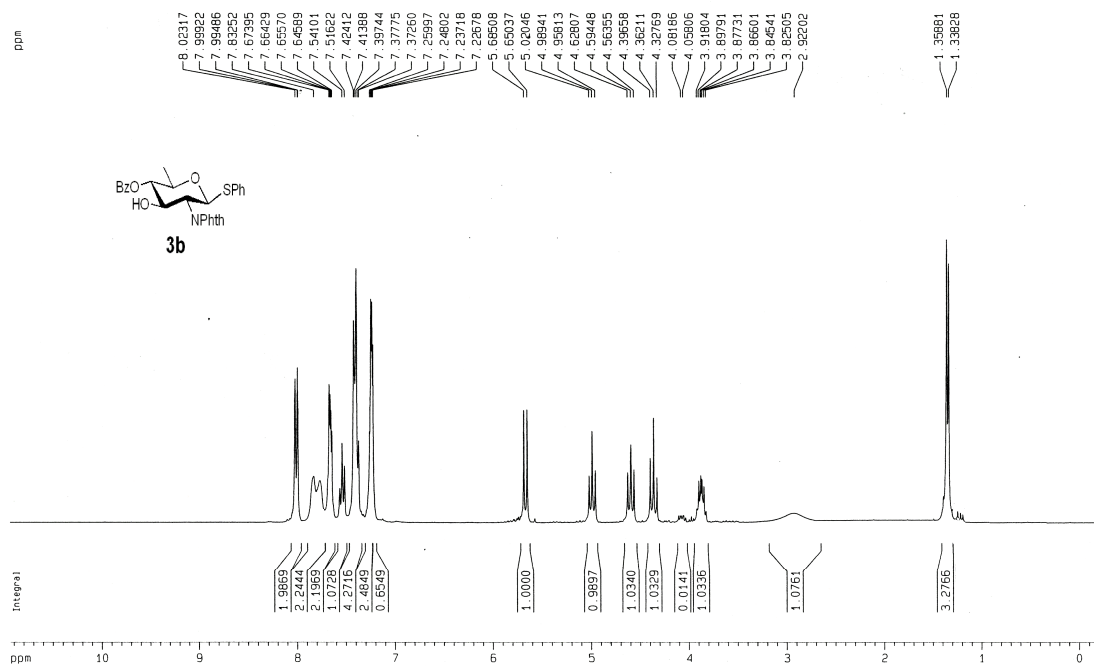
¹H-NMR (500 MHz) spectra of Compound **3a** (CDCl₃)



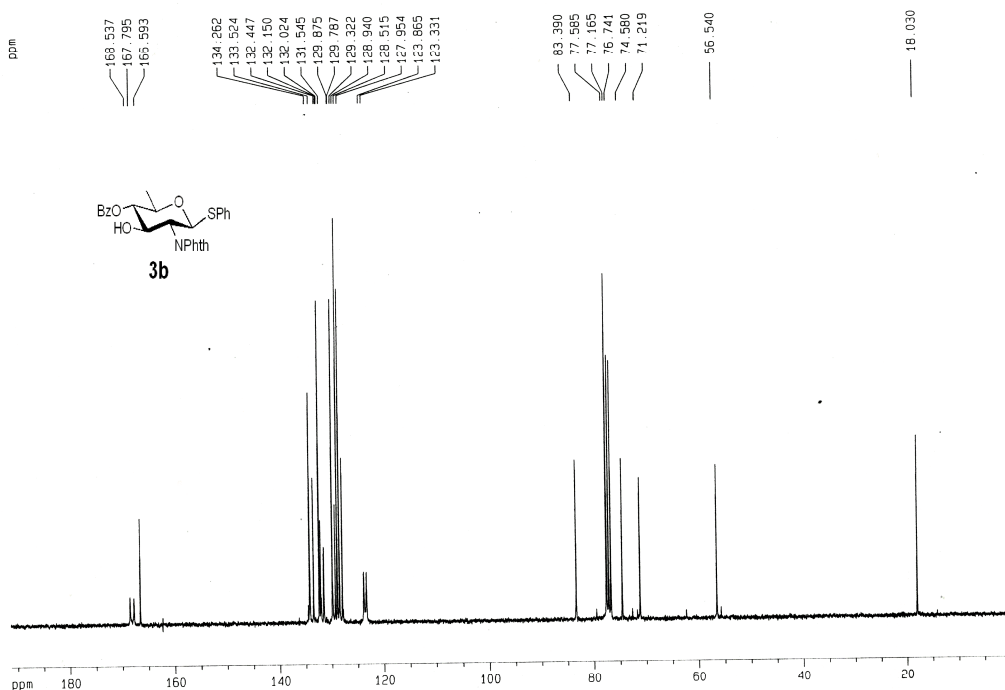
¹³C-NMR (125 MHz) spectra of Compound **3a** (CDCl₃)



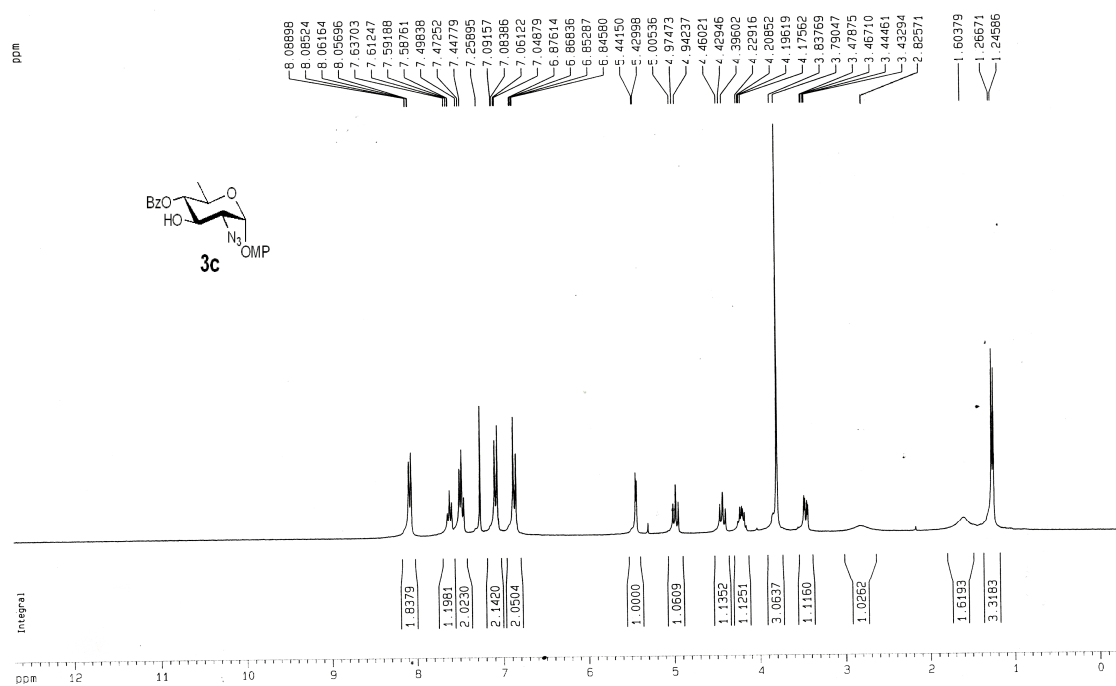
¹H-NMR (300 MHz) spectra of Compound 3b (CDCl₃)



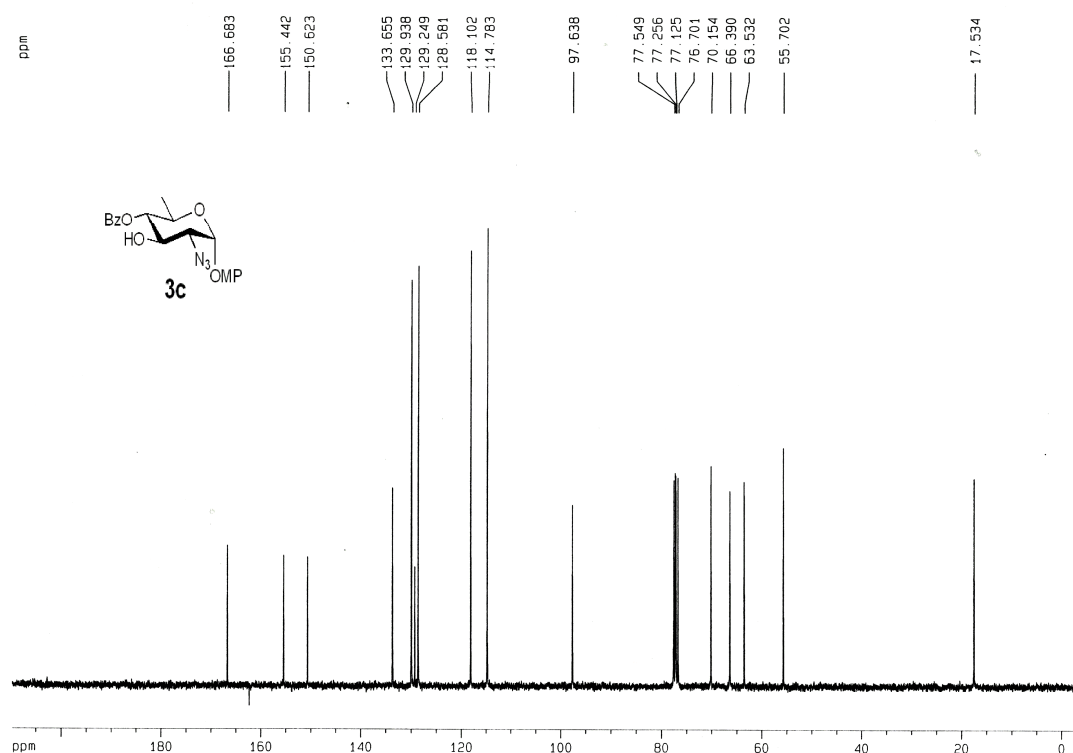
¹³C-NMR (75 MHz) spectra of Compound 3b



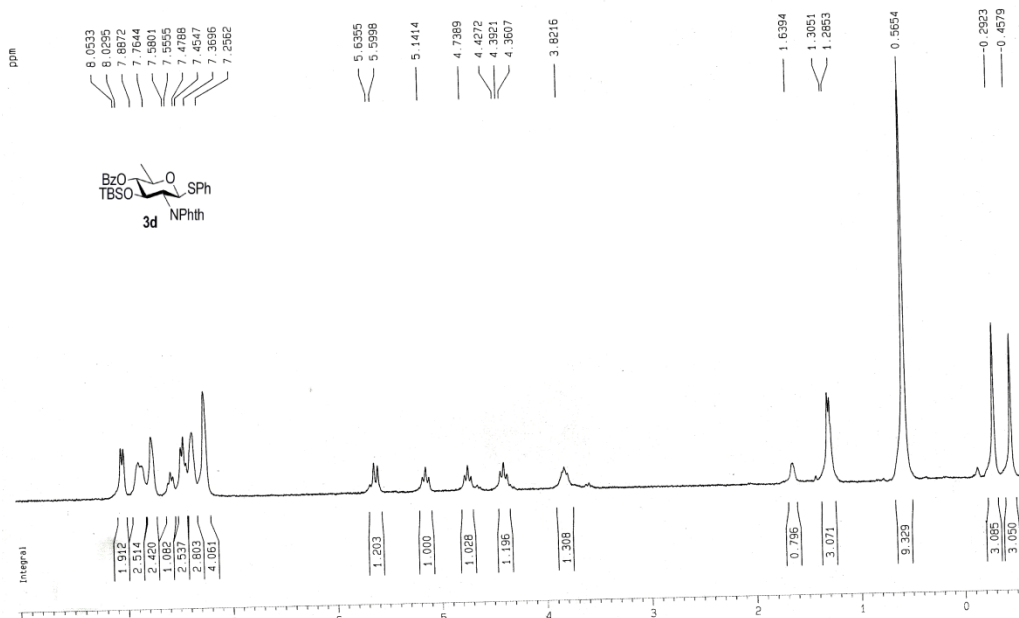
¹H-NMR (300 MHz) spectra of Compound 3c (CDCl₃)



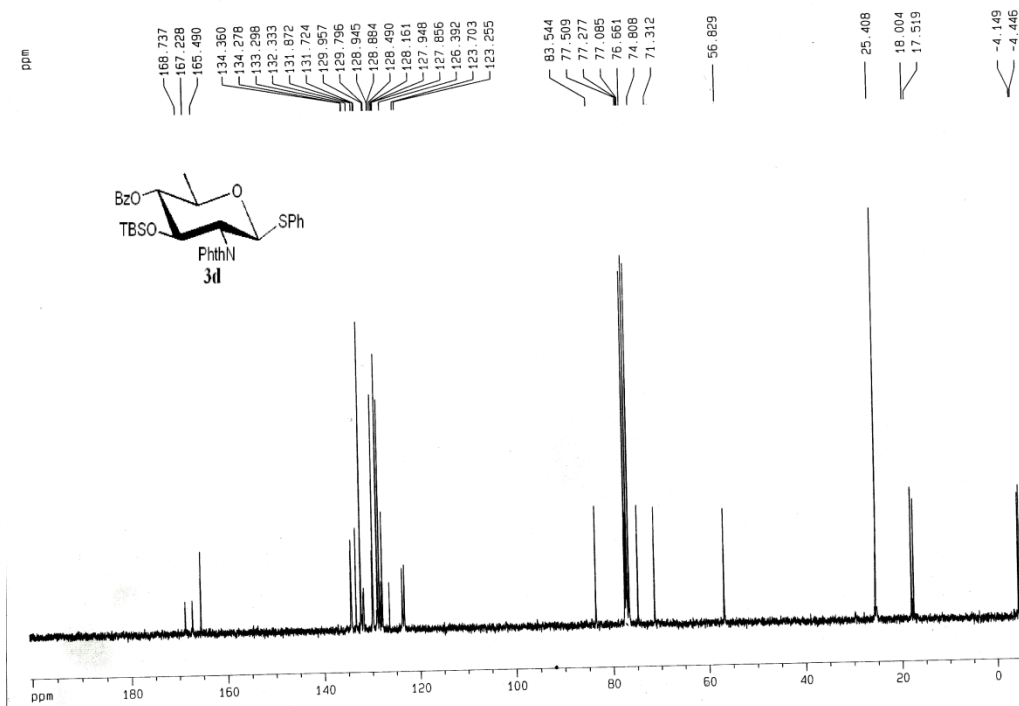
¹³C-NMR (75 MHz) spectra of Compound 3c (CDCl₃)



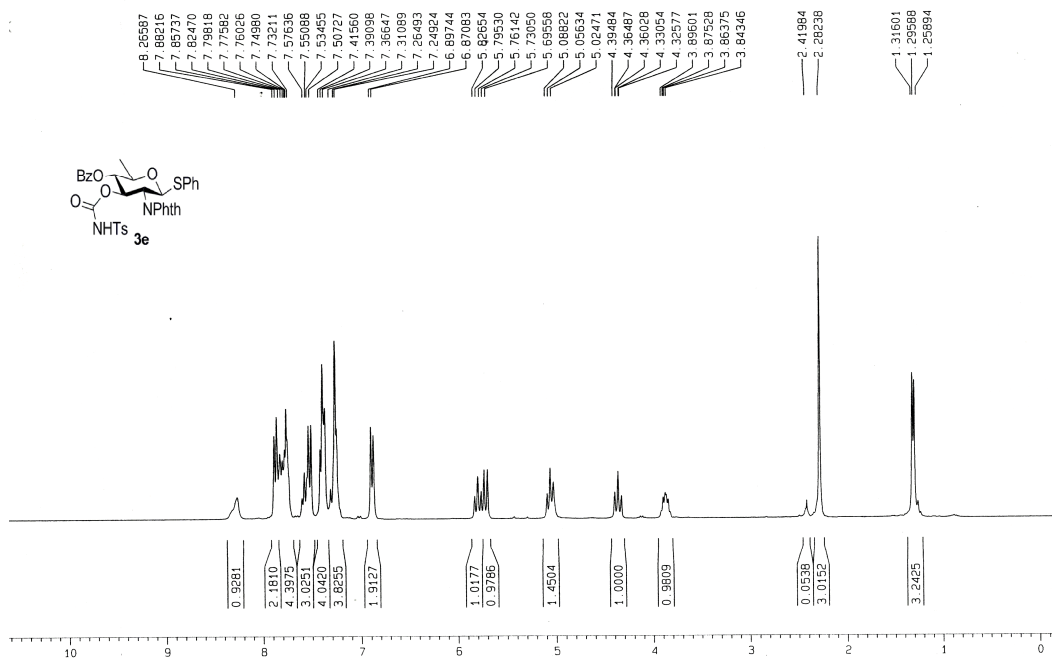
¹H-NMR (300 MHz) spectra of Compound **3d** (CDCl₃)



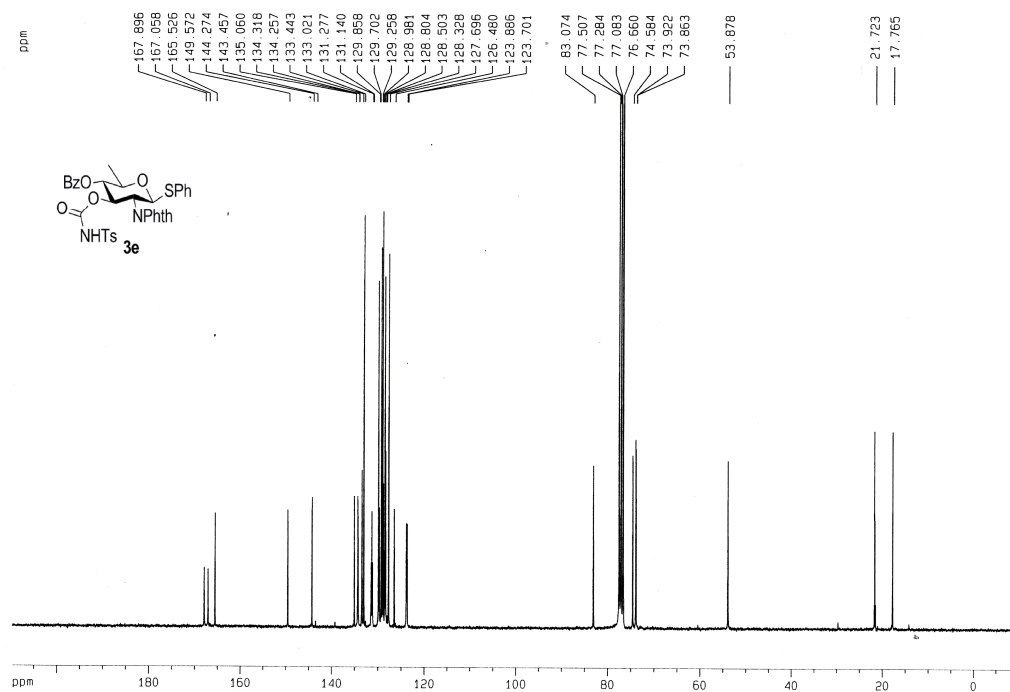
¹³C-NMR (75 MHz) spectra of Compound **3d** (CDCl₃)



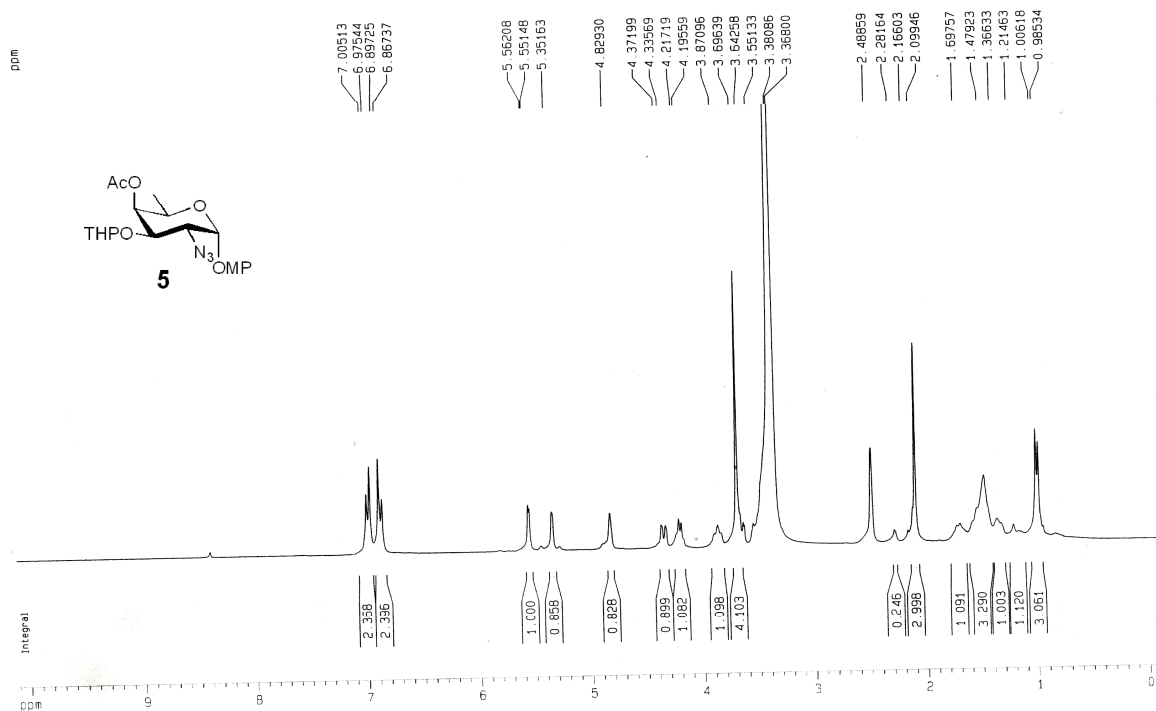
¹H-NMR (300 MHz) spectra of Compound **3e** (CDCl₃)



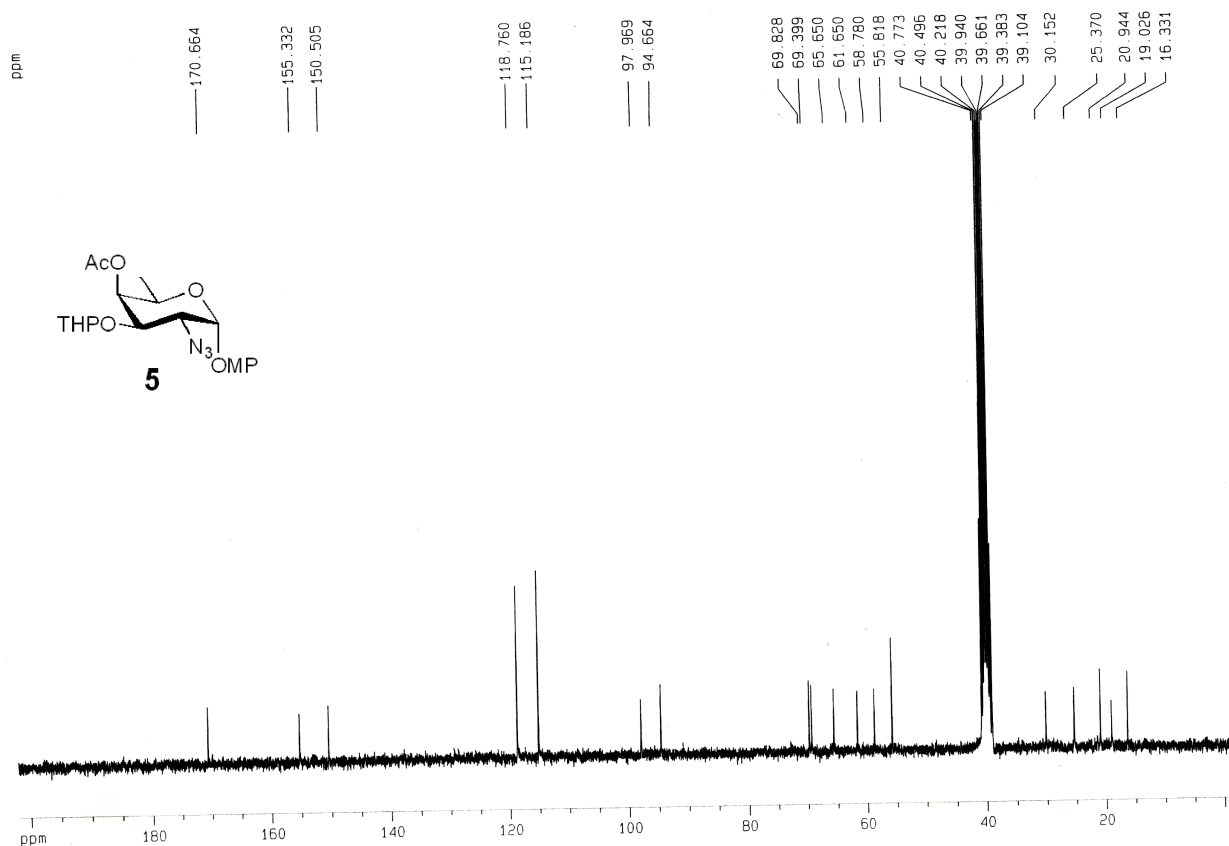
¹³C-NMR (75 MHz) spectra of Compound **3e** (CDCl₃)



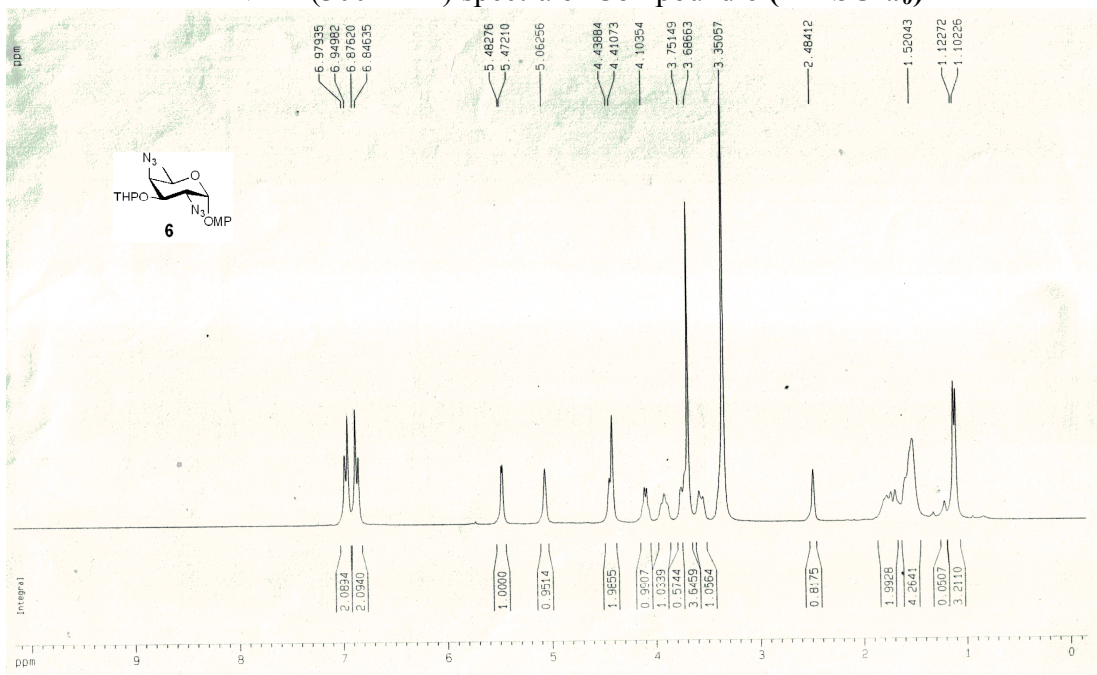
¹H-NMR (300 MHz) spectra of Compound **5** (DMSO-*d*₆)



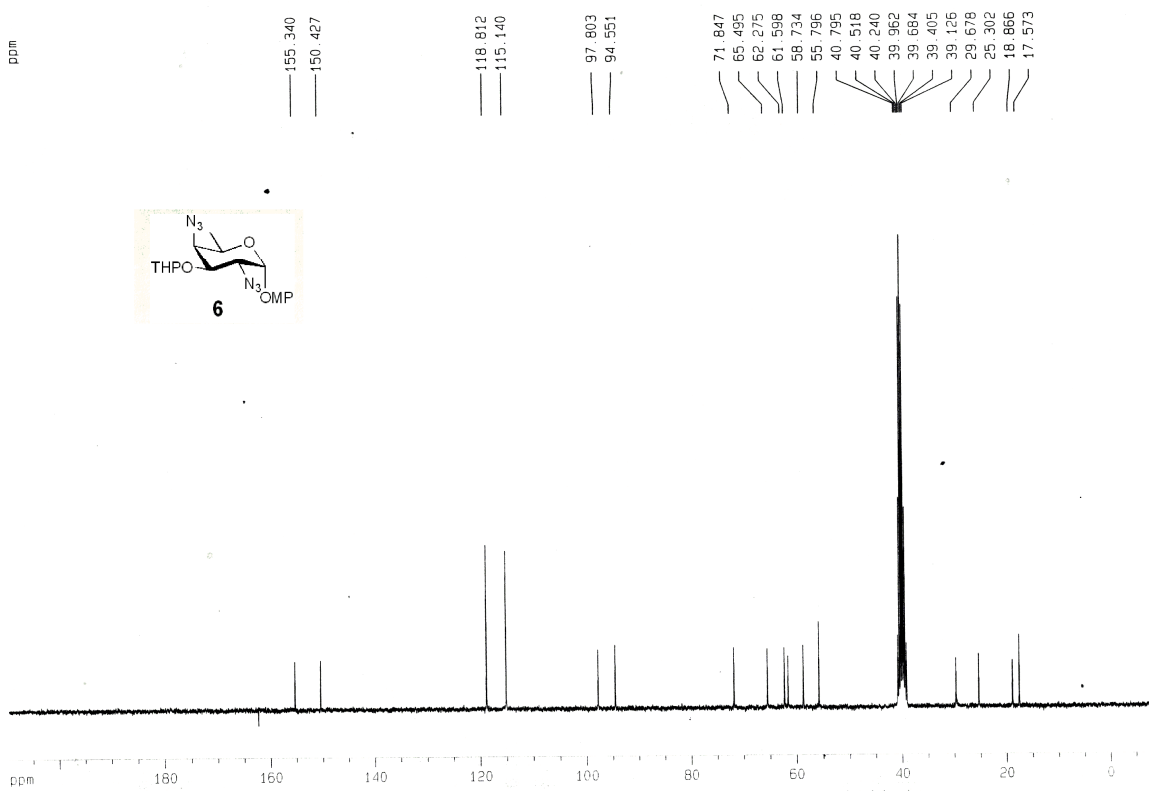
¹³C-NMR (75 MHz) spectra of Compound **5** (DMSO-*d*₆)



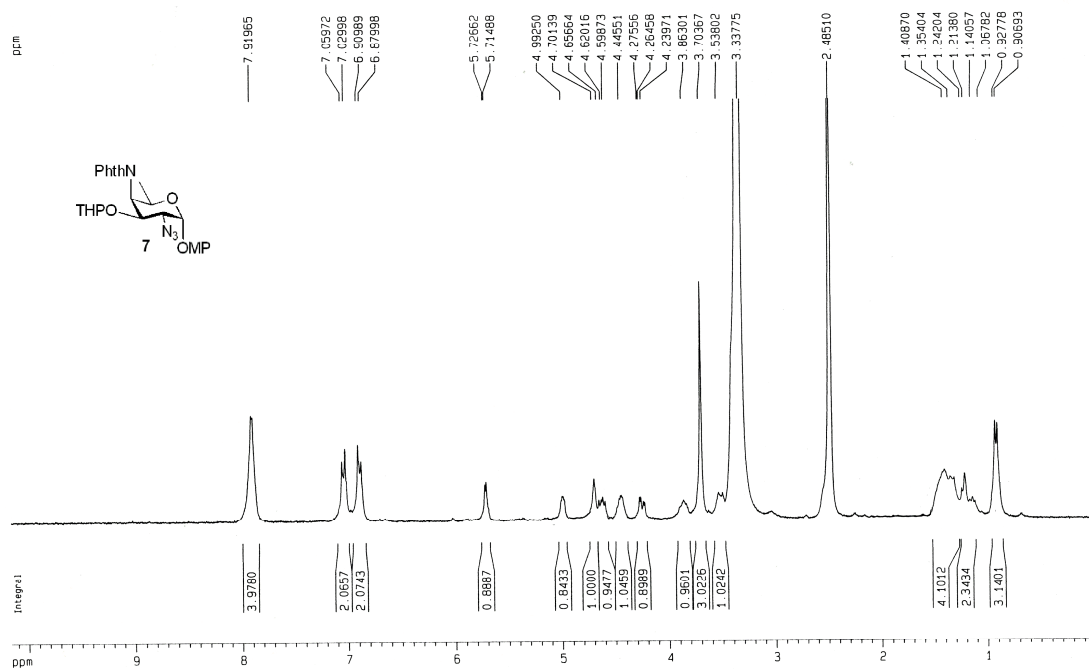
¹H-NMR (300 MHz) spectra of Compound **6** (**DMSO-*d*₆**)



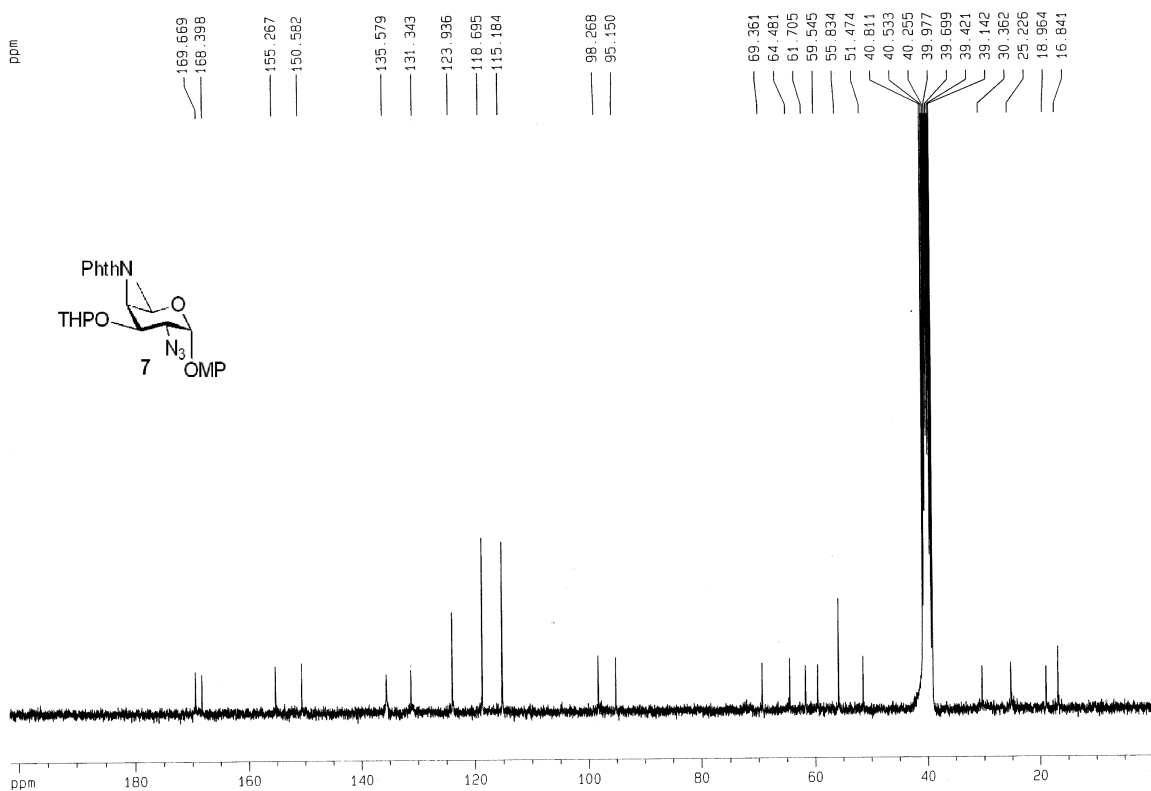
¹³C-NMR (75 MHz) spectra of Compound **6** (DMSO-*d*₆)



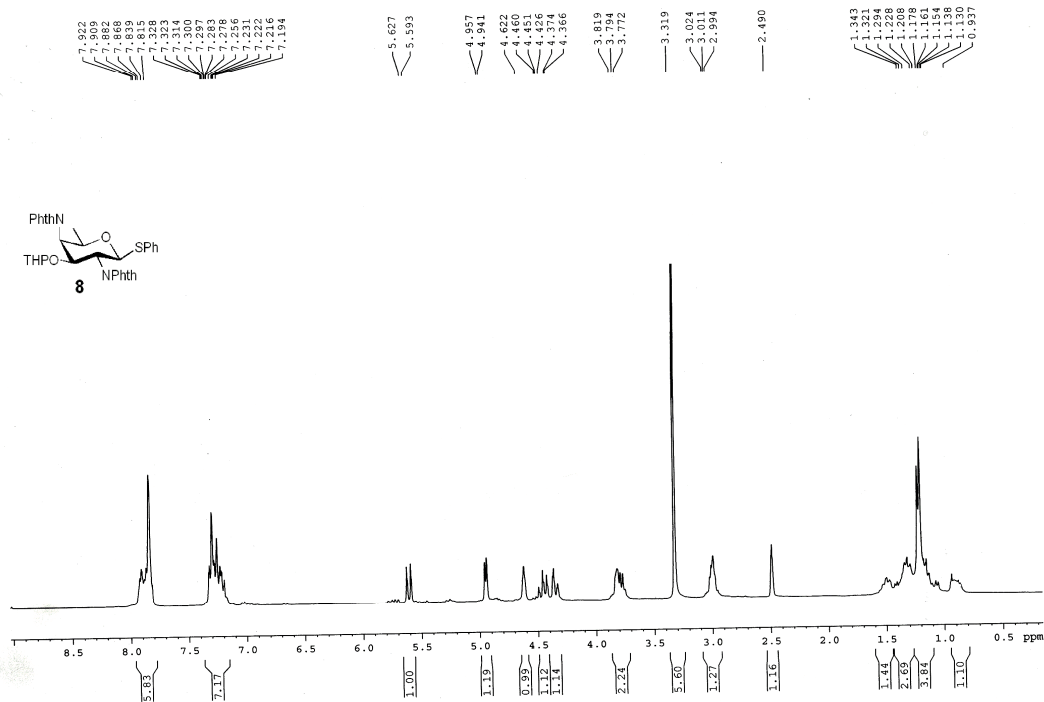
¹H-NMR (300 MHz) spectra of Compound 7 (DMSO-*d*₆)



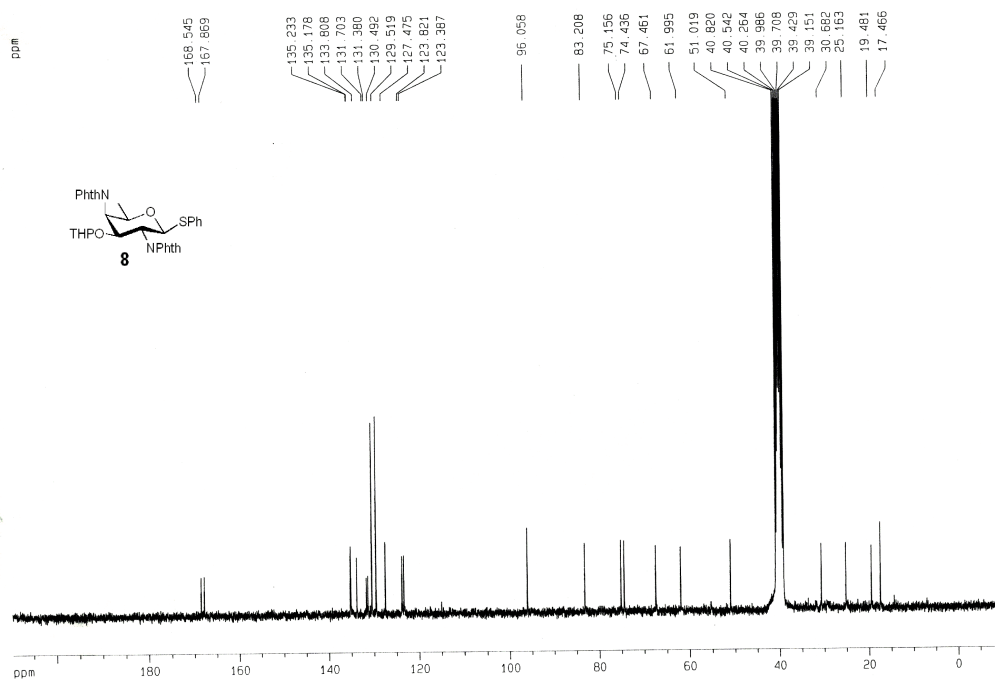
¹³C-NMR (75 MHz) spectra of Compound 7(DMSO-*d*₆)



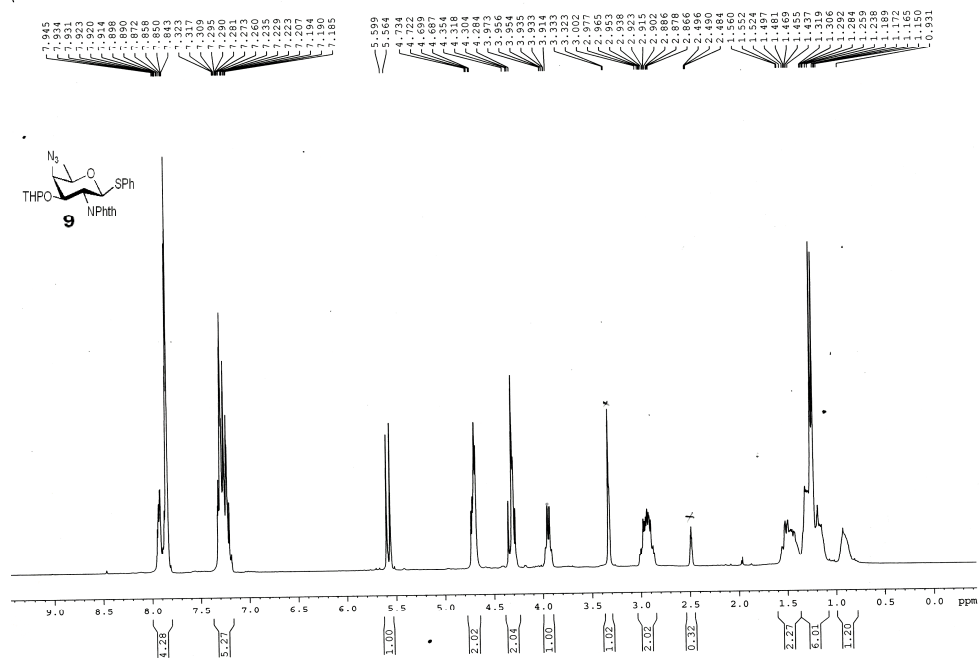
¹H-NMR (300 MHz) spectra of Compound **8** (DMSO-*d*₆)

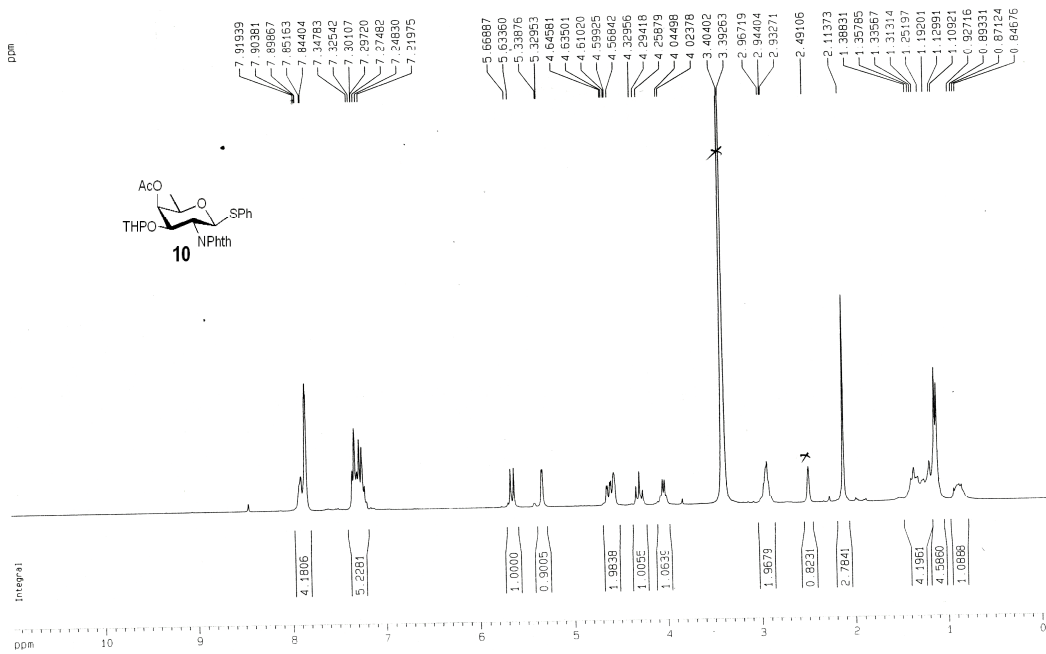


¹³C-NMR (75 MHz) spectra of Compound **8** (DMSO-*d*₆)

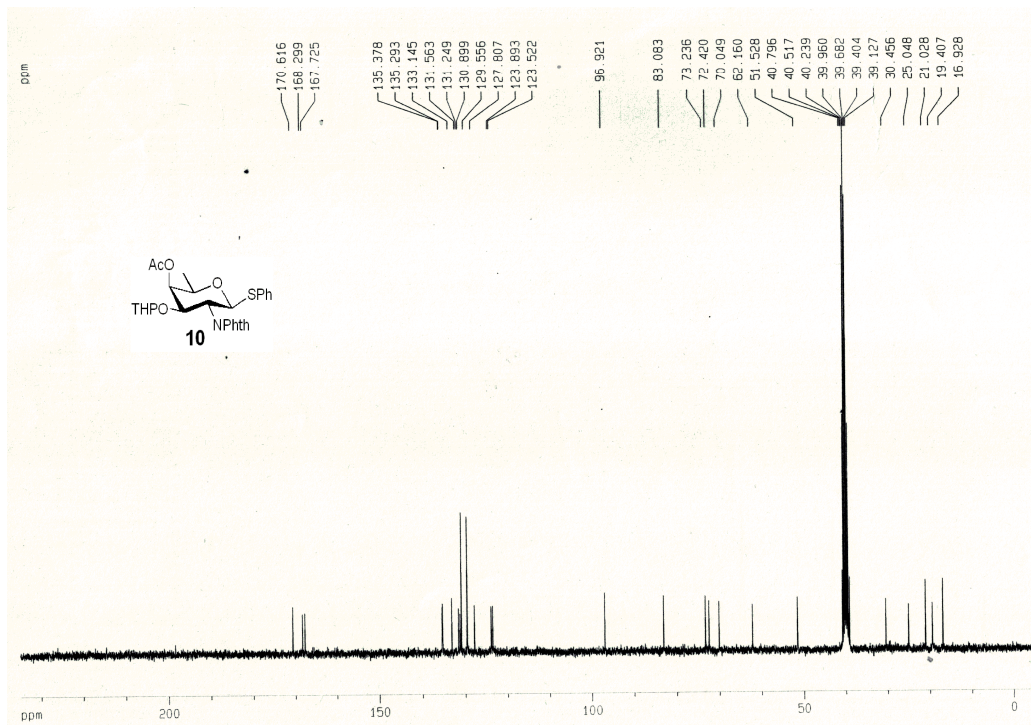


¹H-NMR (300 MHz) spectra of Compound **9** (DMSO-*d*₆)

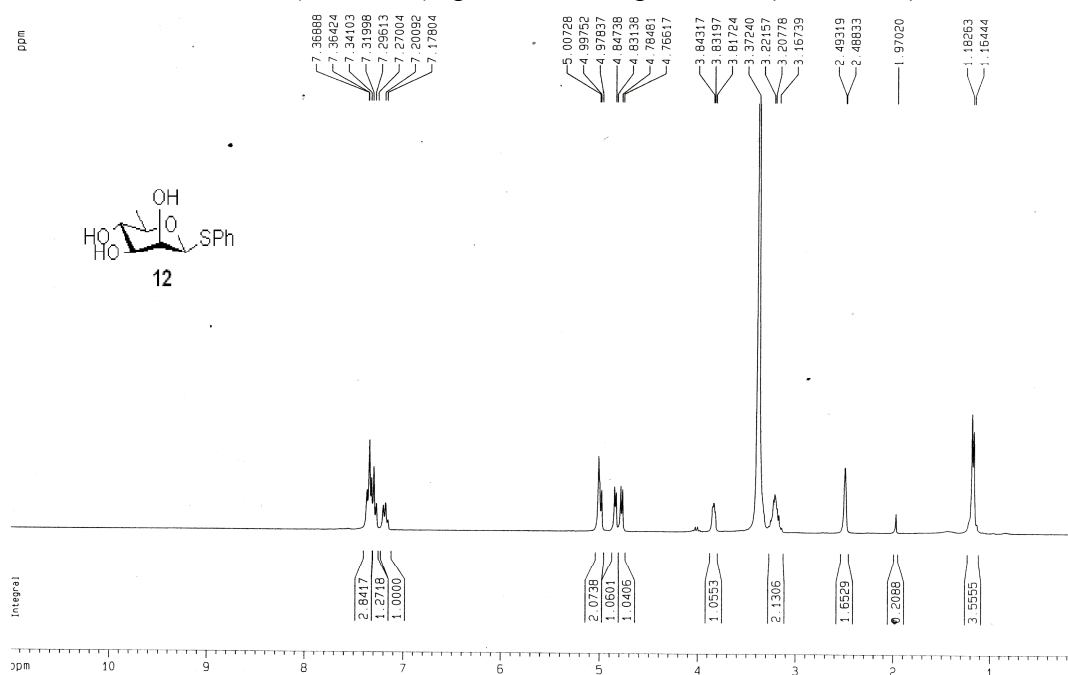


¹H-NMR (300 MHz) spectra of Compound **10** (DMSO-*d*₆)

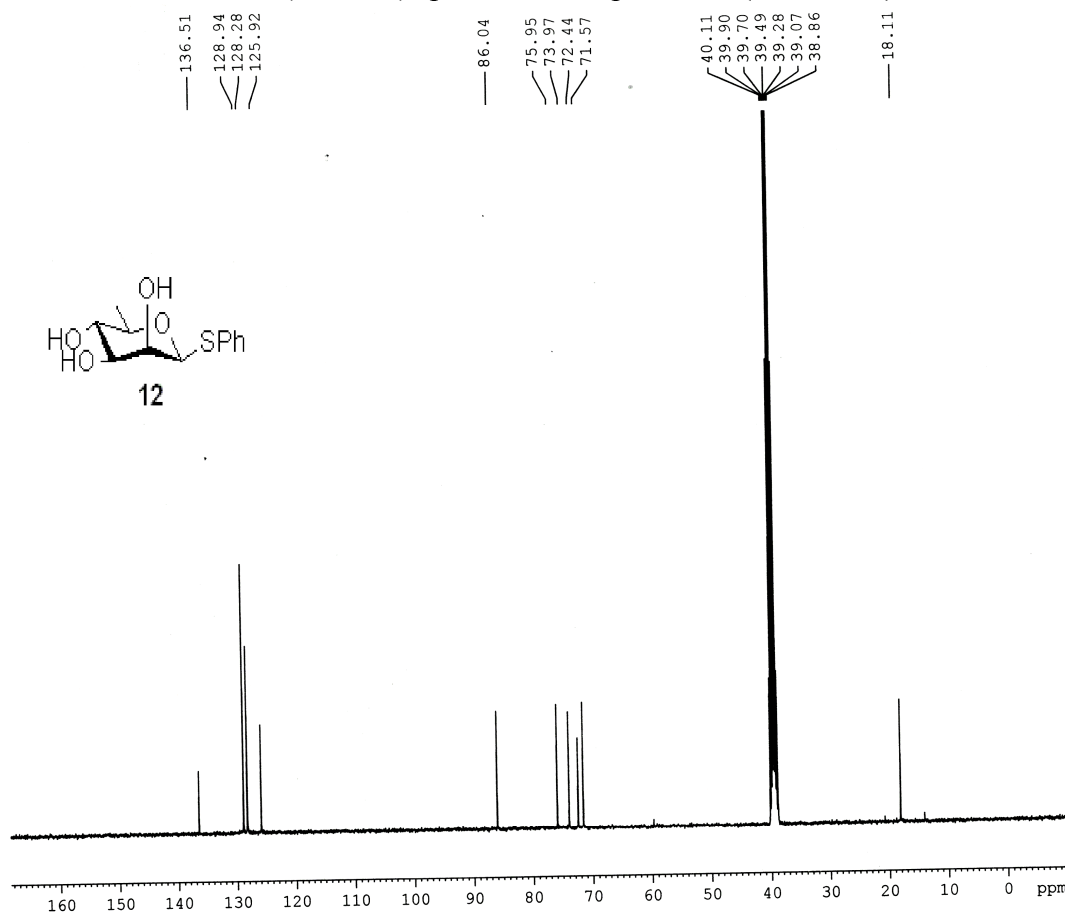
¹³C-NMR (75 MHz) spectra of Compound **10** (DMSO-*d*₆)



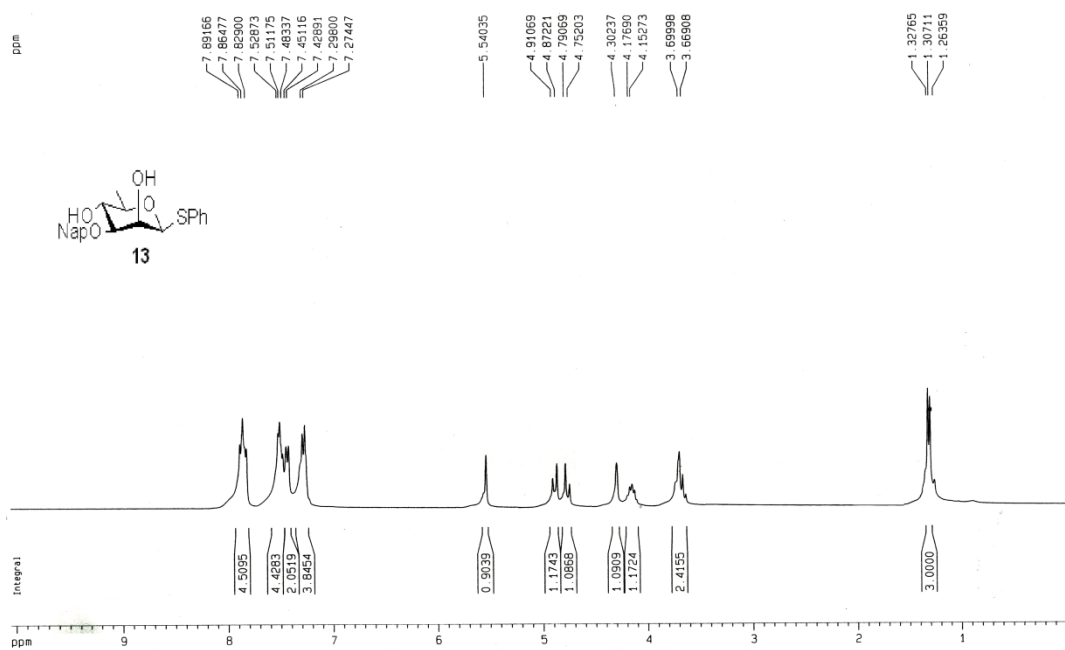
¹H-NMR (300 MHz) spectra of Compound **12** (DMSO-*d*₆)



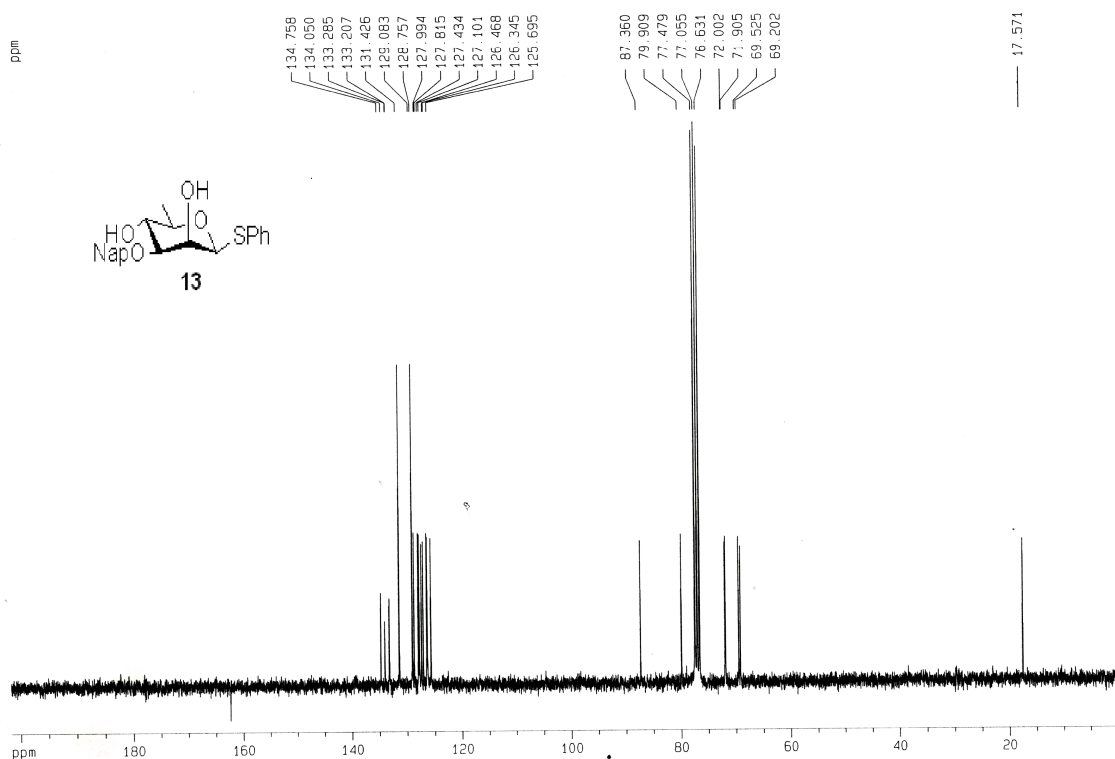
¹³C-NMR (75 MHz) spectra of Compound **12** (DMSO-*d*₆)



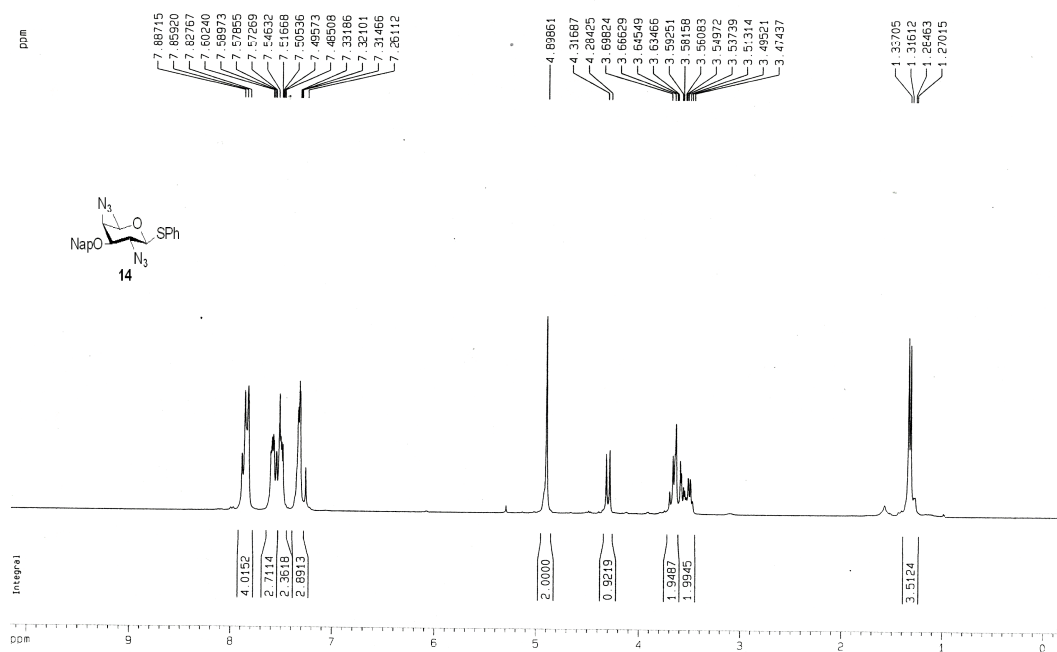
¹H-NMR (300 MHz) spectra of Compound **13** (CDCl₃)



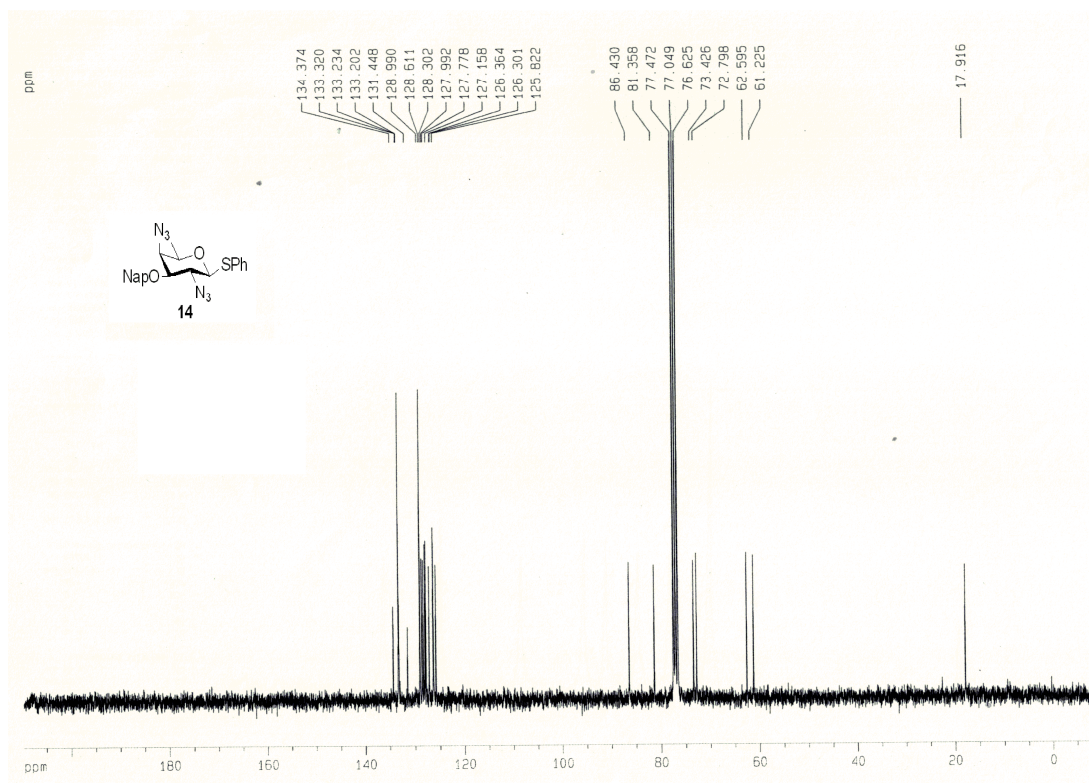
¹³C-NMR (75 MHz) spectra of Compound **13** (CDCl₃)



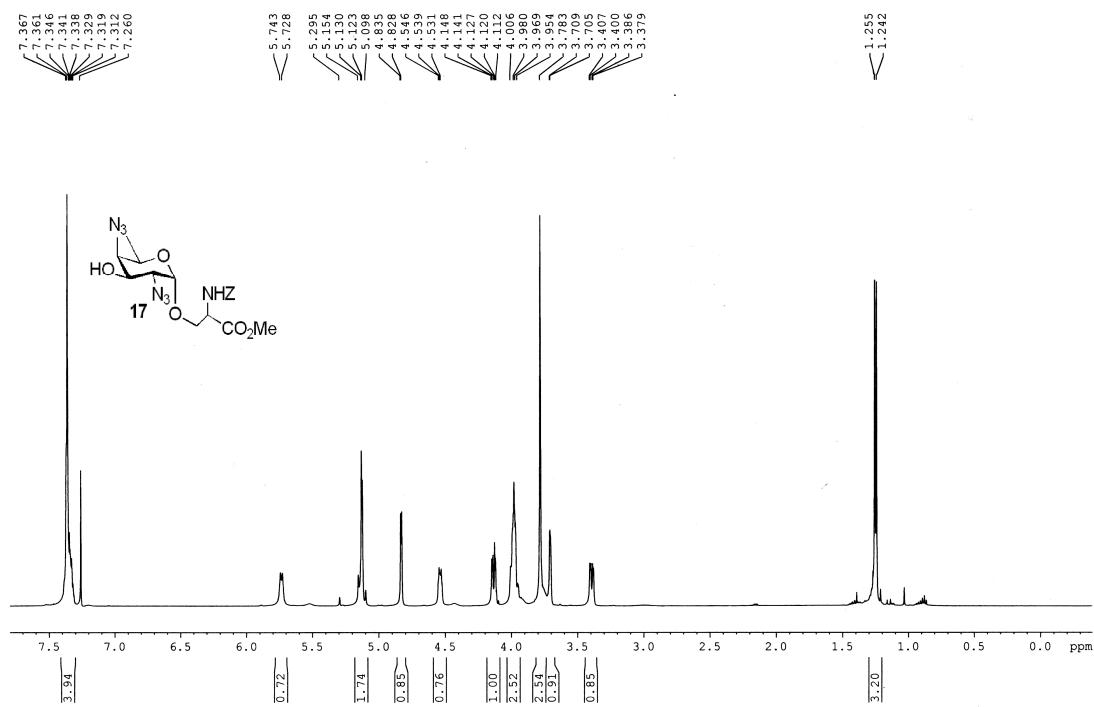
¹H-NMR (300 MHz) spectra of Compound **14** (CDCl₃)



¹³C-NMR (75 MHz) spectra of Compound **14** (CDCl₃)



¹H-NMR (500 MHz) spectra of Compound 17 (CDCl₃)



¹³C-NMR (125 MHz) spectra of Compound 17 (CDCl₃)

