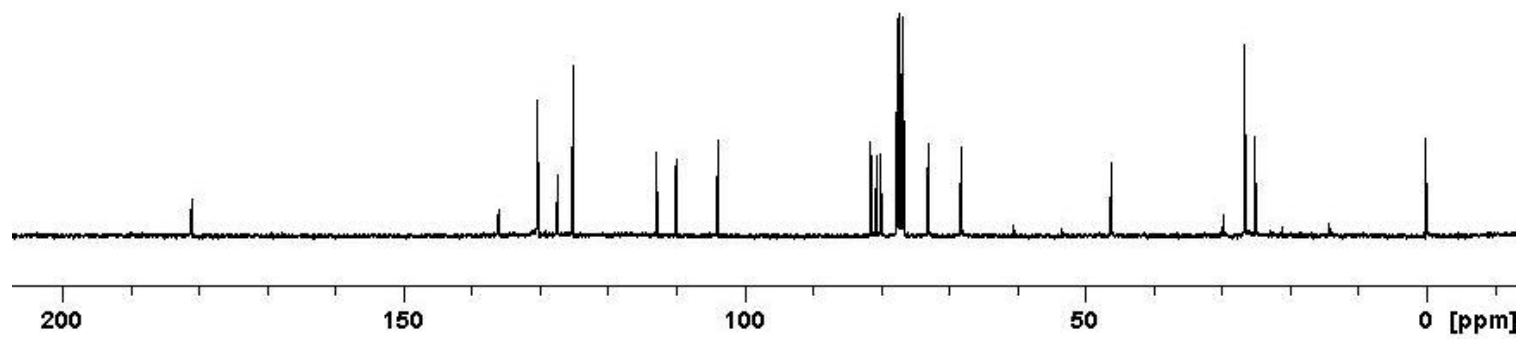
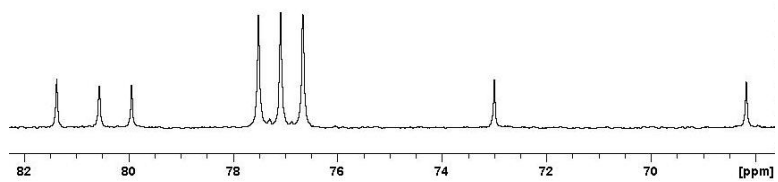
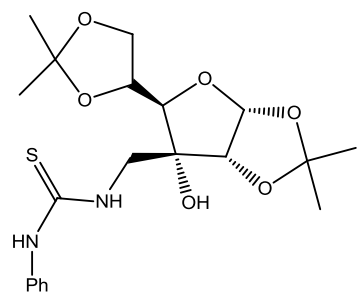
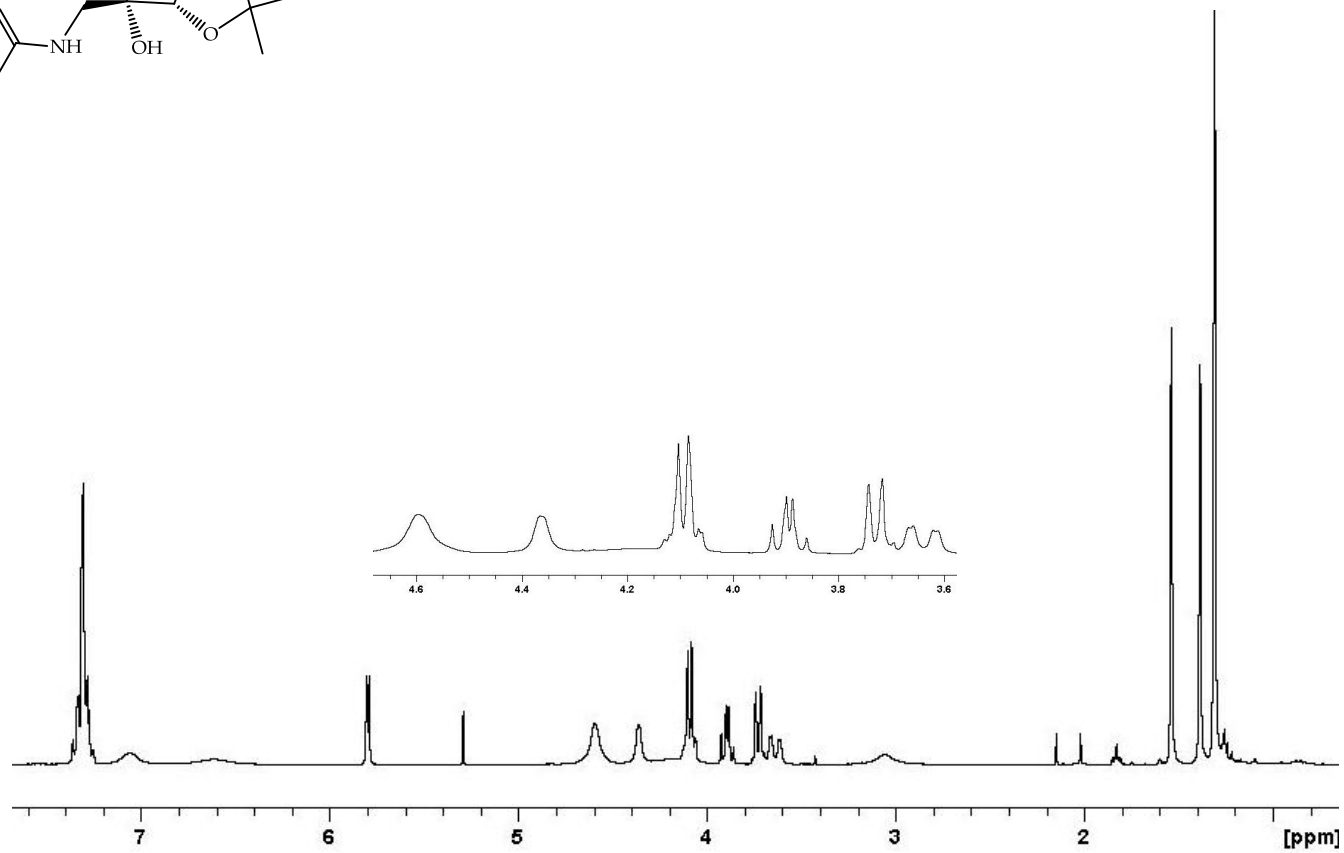
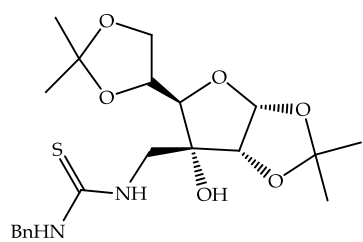


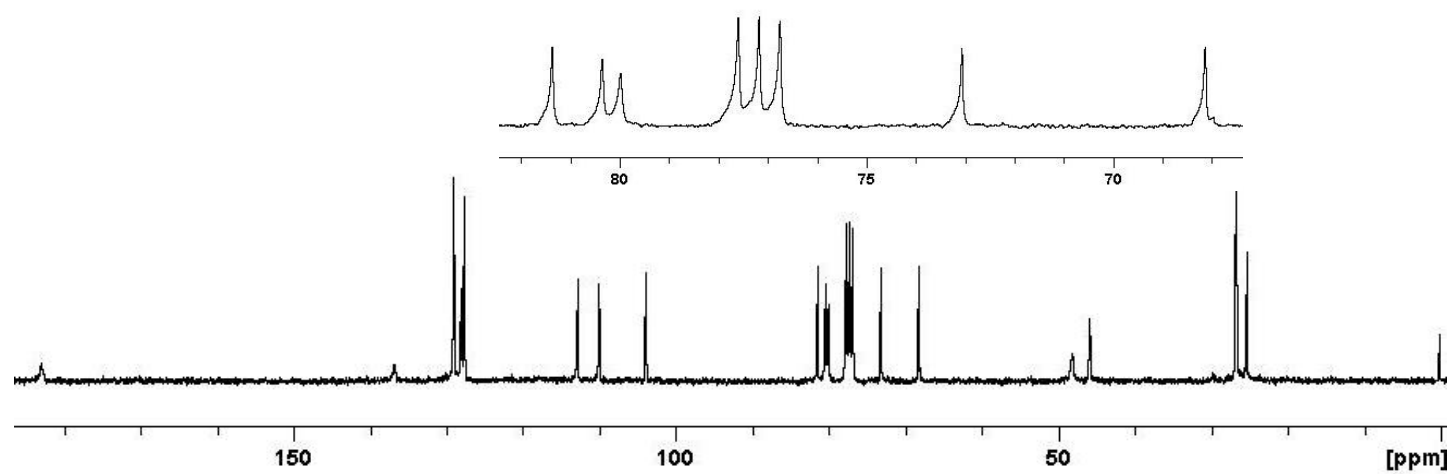
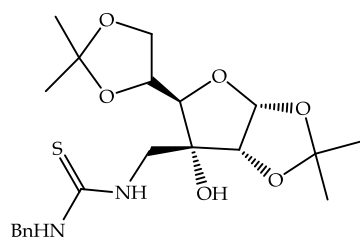
$^1\text{H-NMR}$ (CDCl_3 , 300 MHz) of **15a**



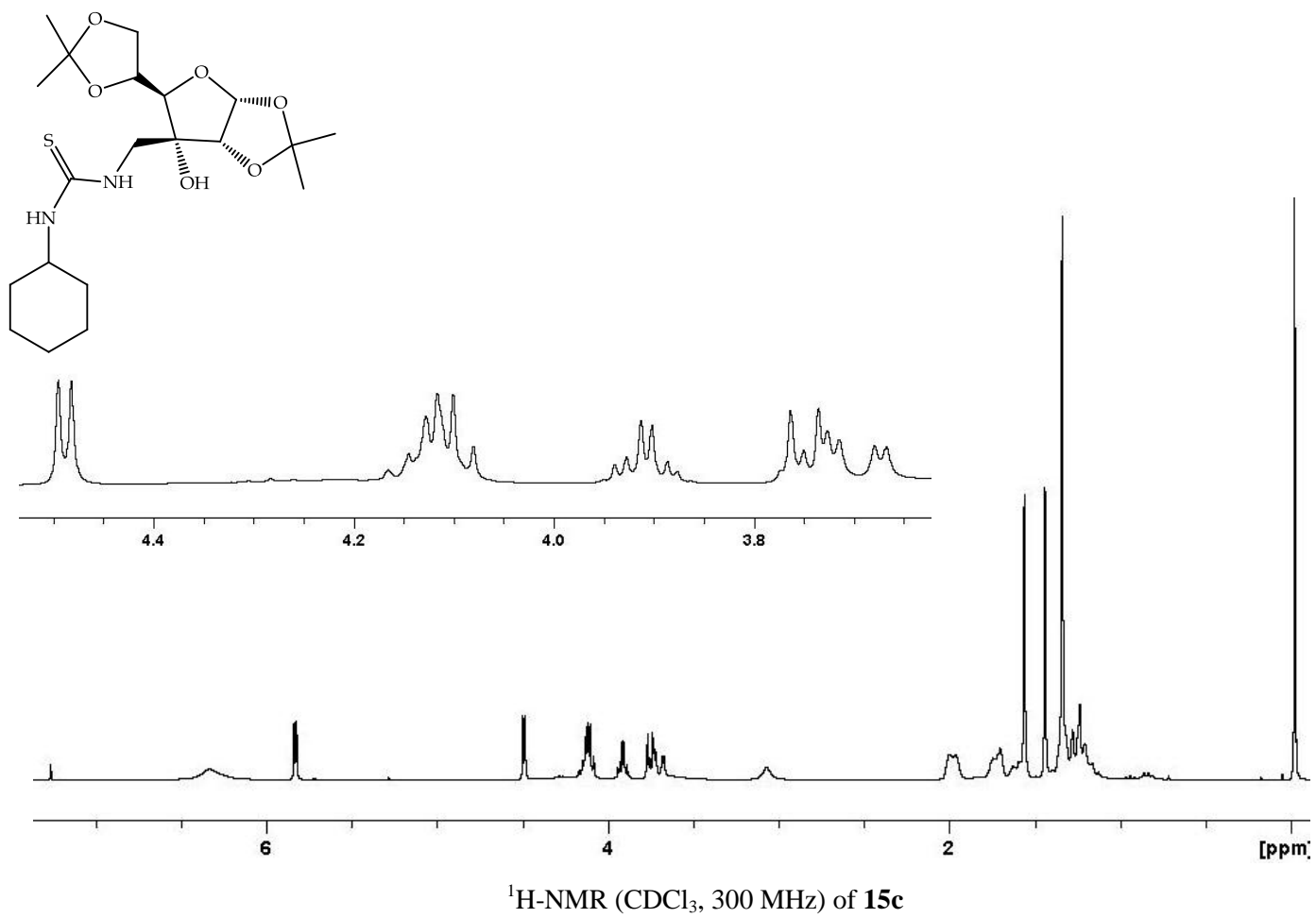
¹³C-NMR (CDCl₃, 75.5 MHz) of 15a

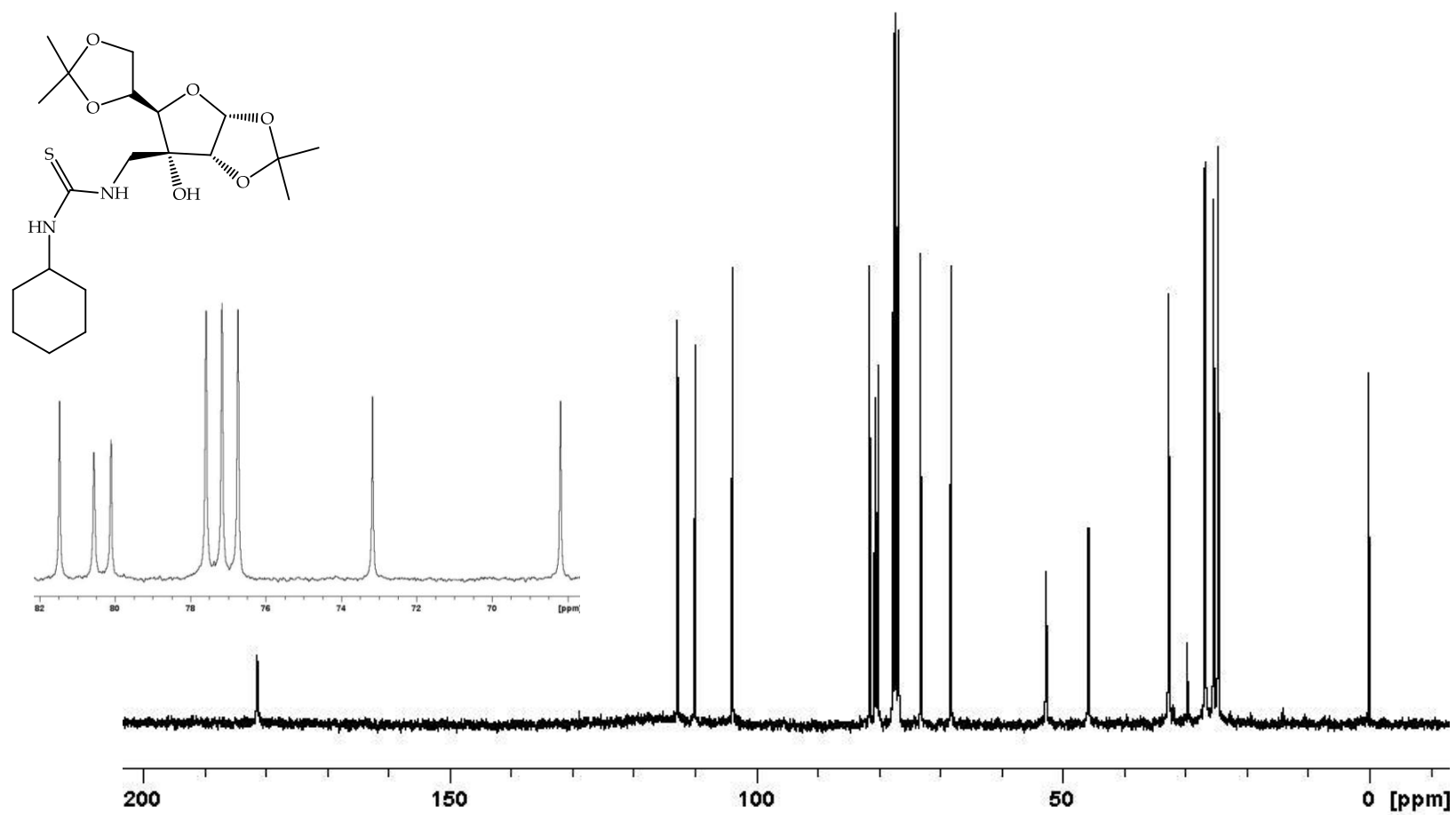


$^1\text{H-NMR}$ (CDCl_3 , 300 MHz) of **15b**

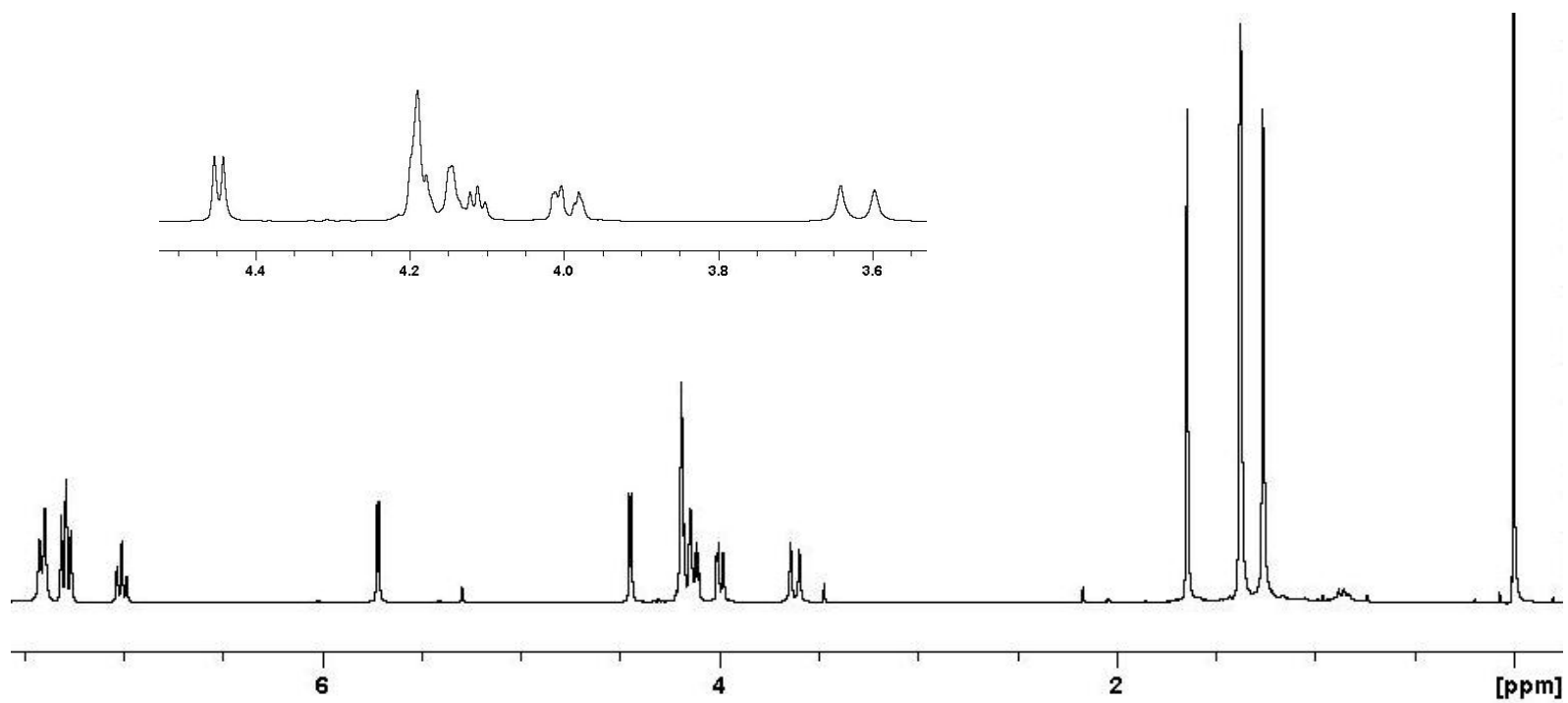
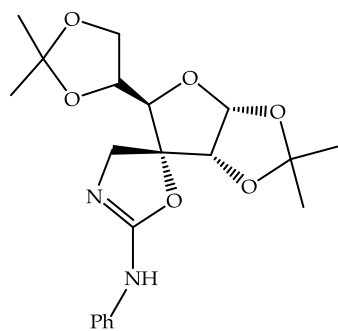


¹³C-NMR (CDCl₃, 75.5 MHz) of **15b**

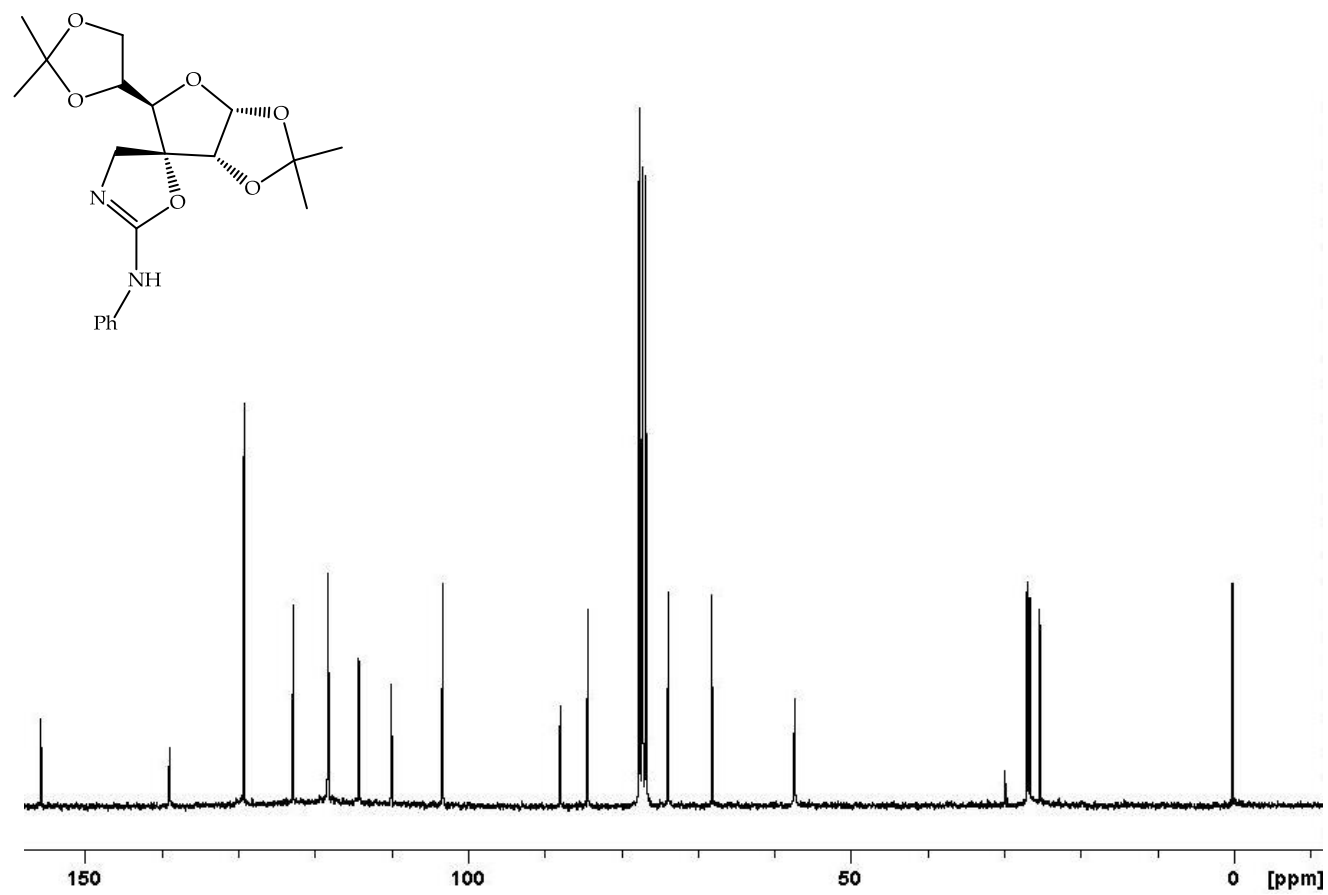




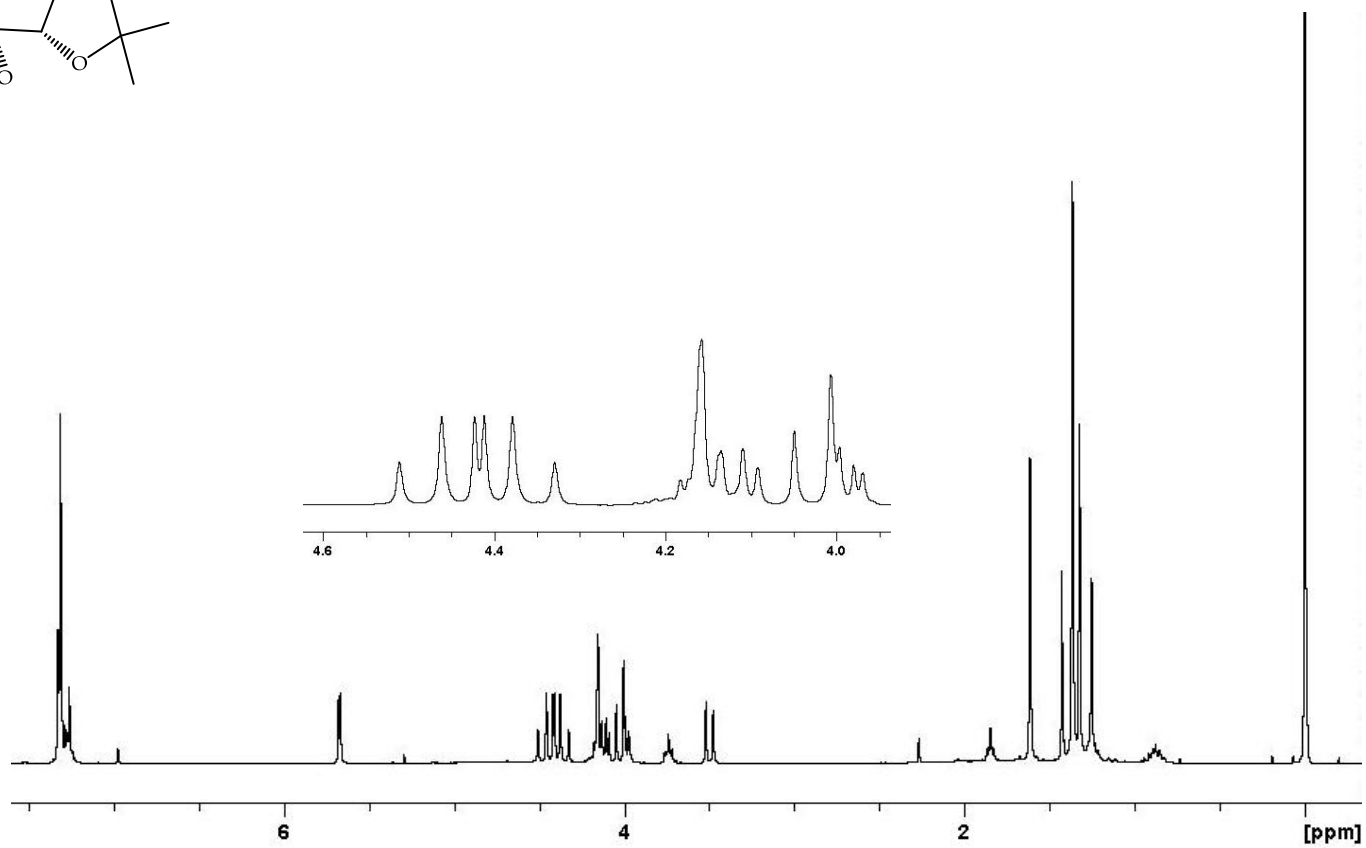
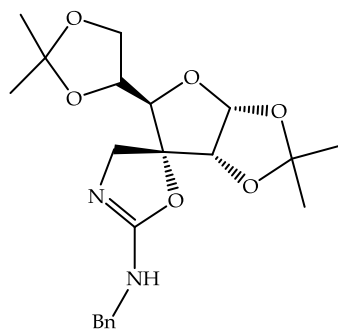
^{13}C -NMR (CDCl_3 , 75.5 MHz) of **15c**



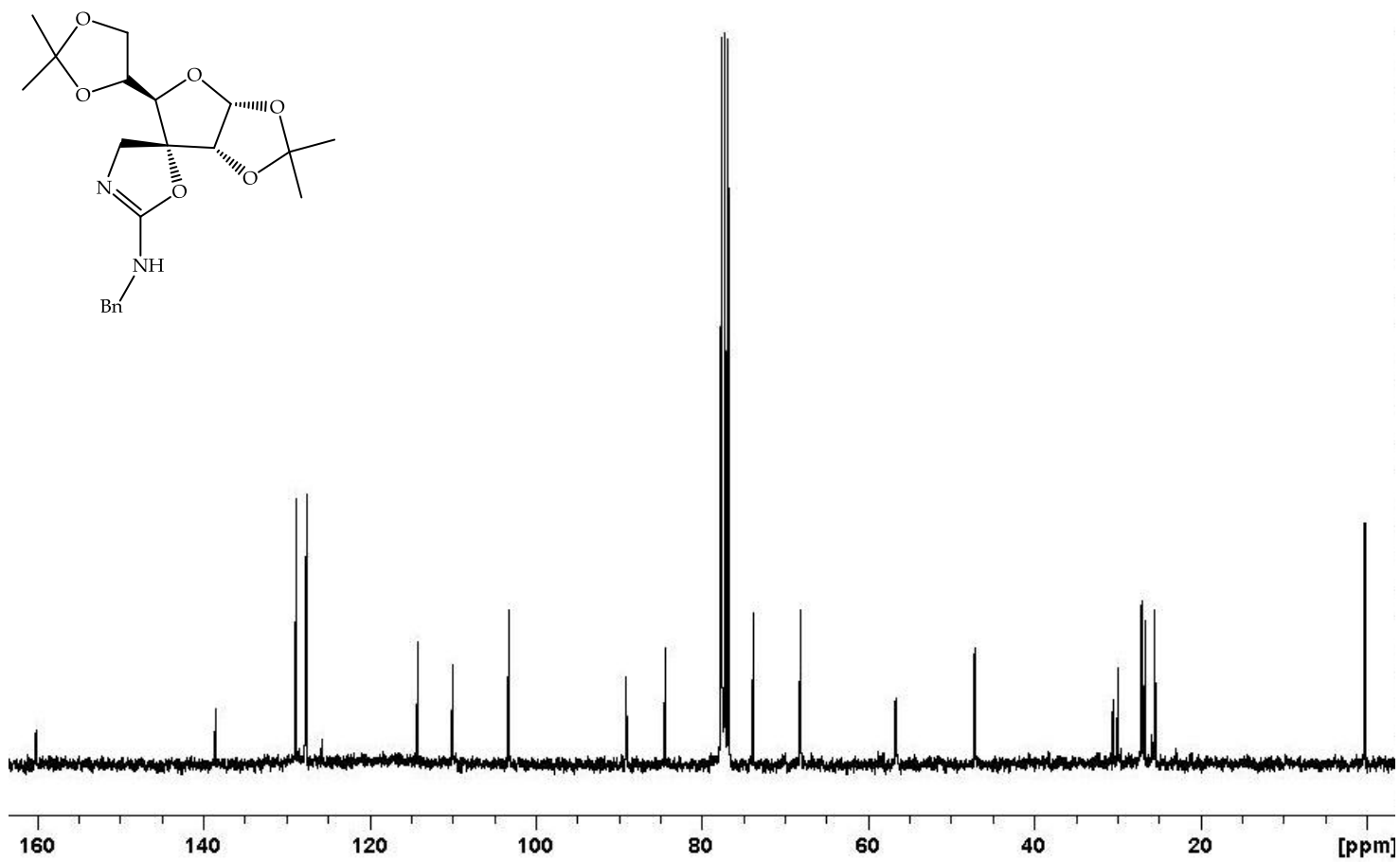
$^1\text{H-NMR}$ (CDCl_3 , 300 MHz) of **8a**



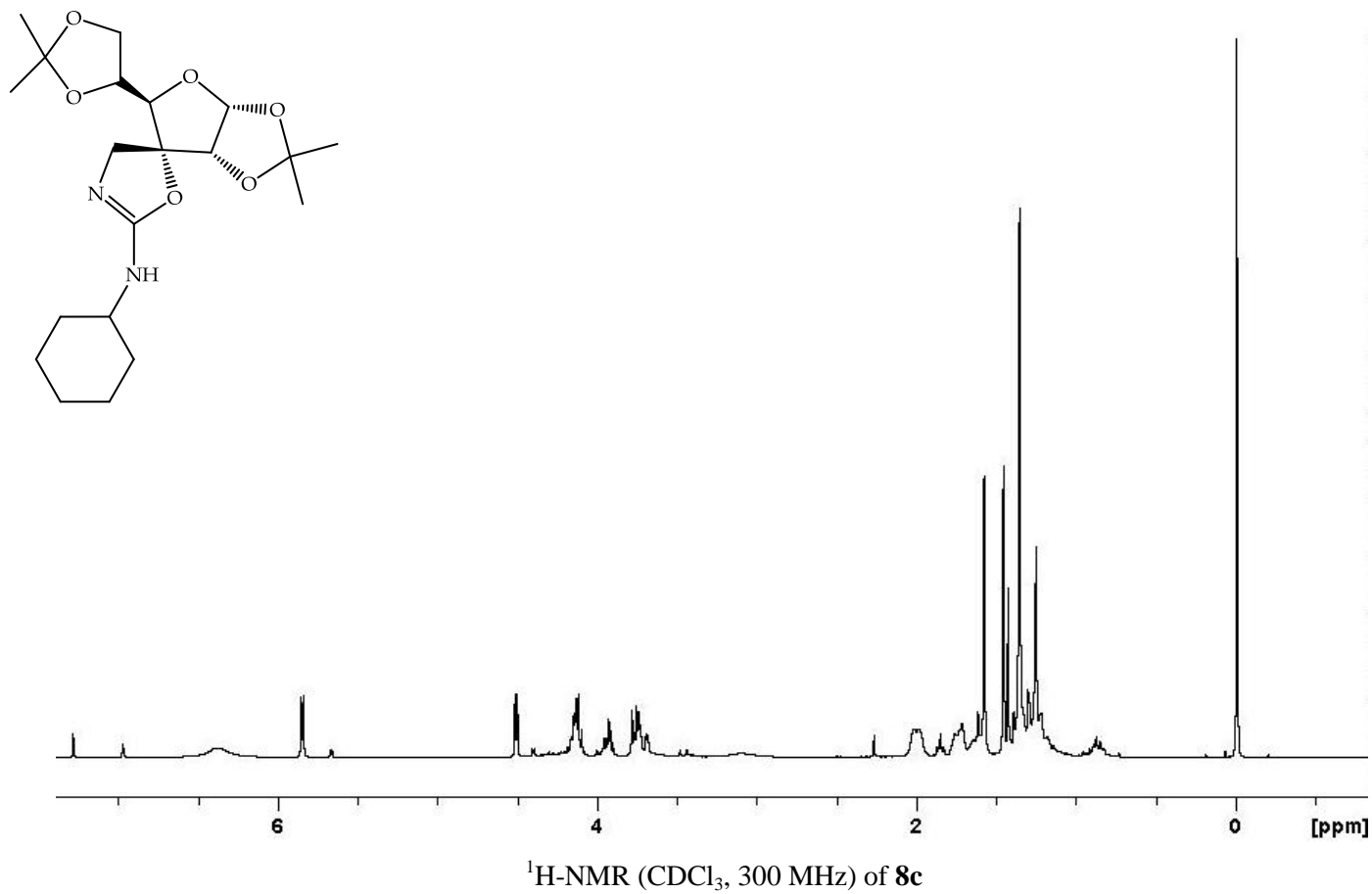
^{13}C -NMR (CDCl_3 , 75.5 MHz) of **8a**

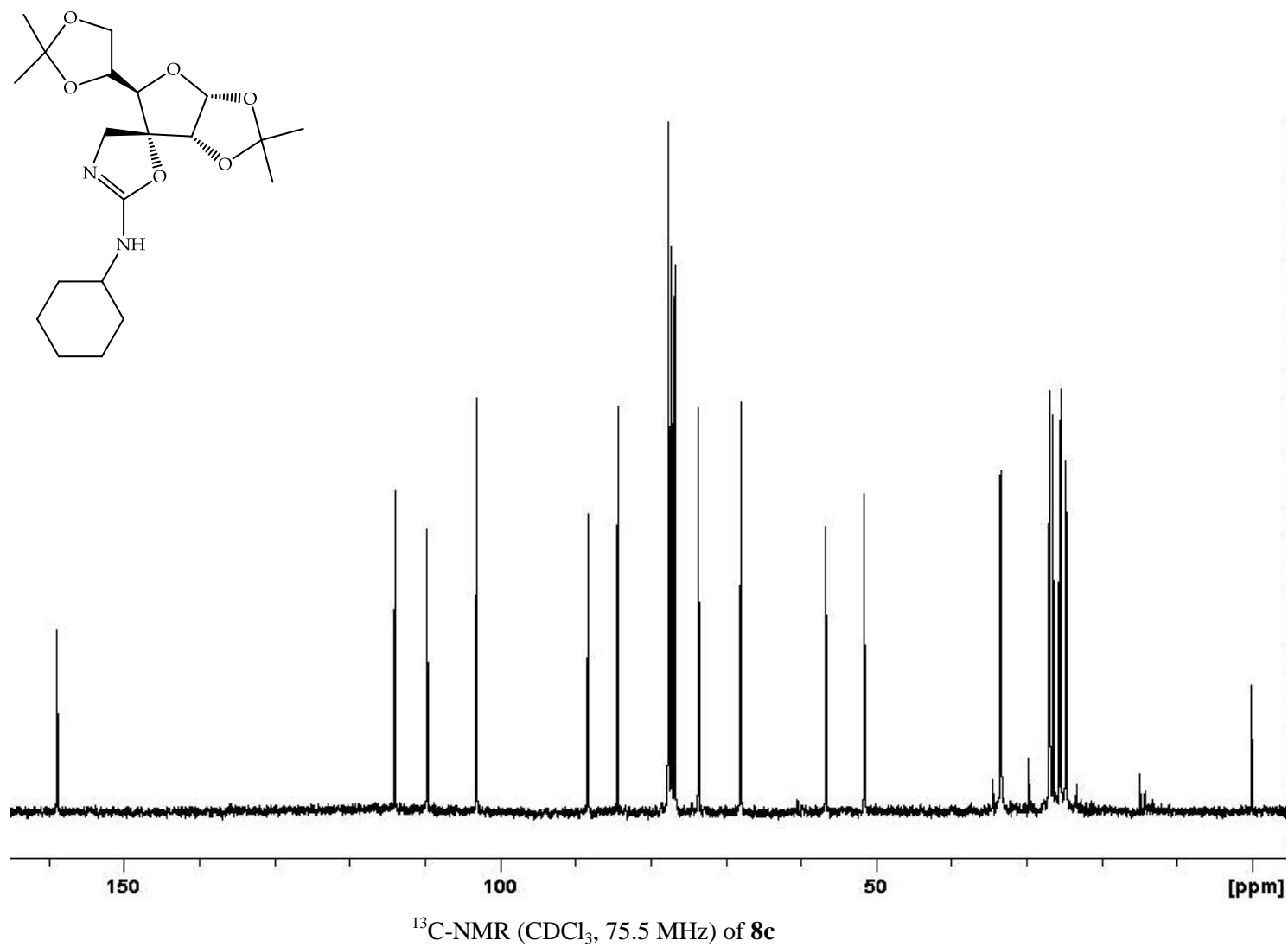


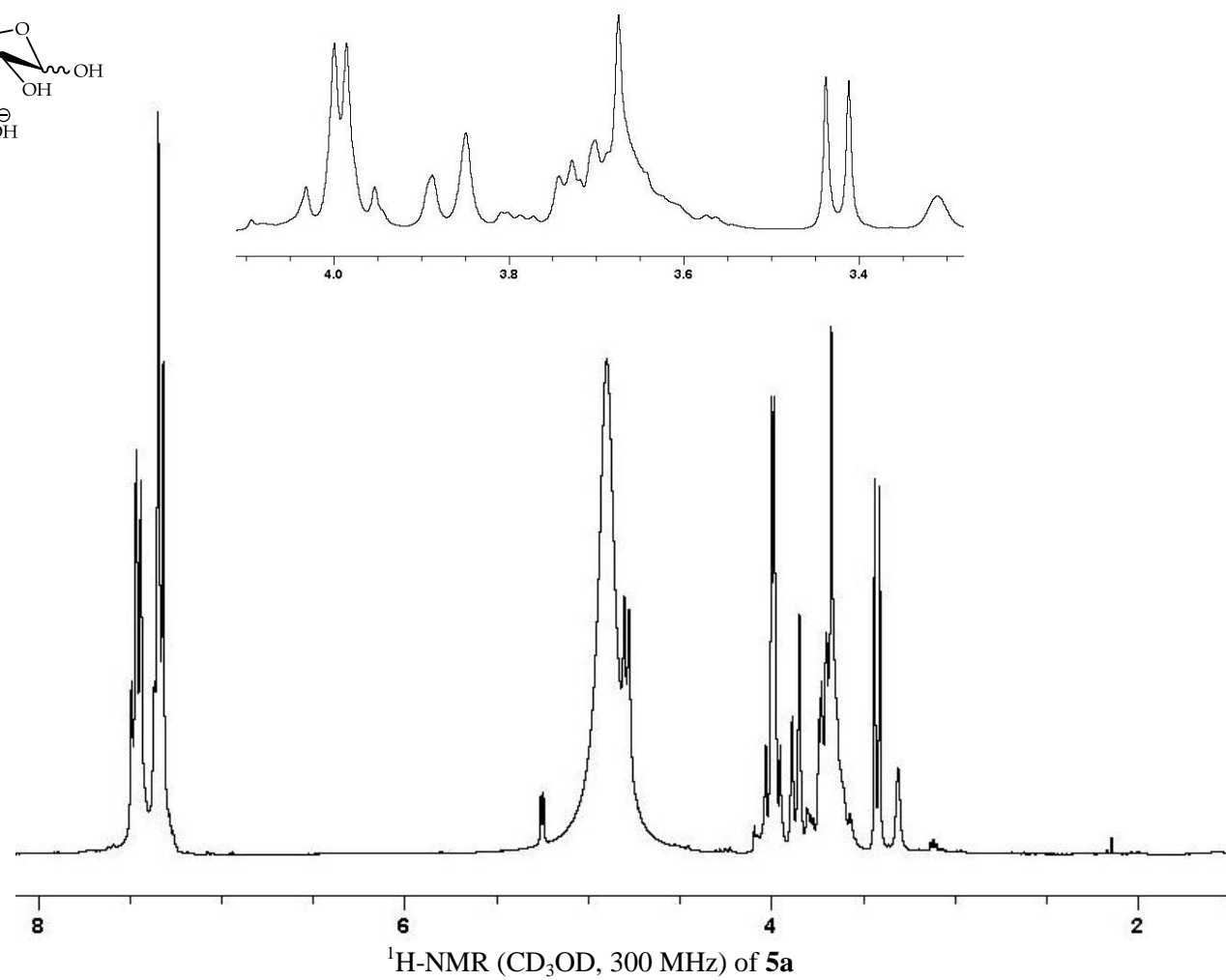
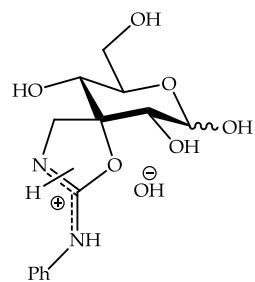
$^1\text{H-NMR}$ (CDCl_3 , 300 MHz) of **8b**

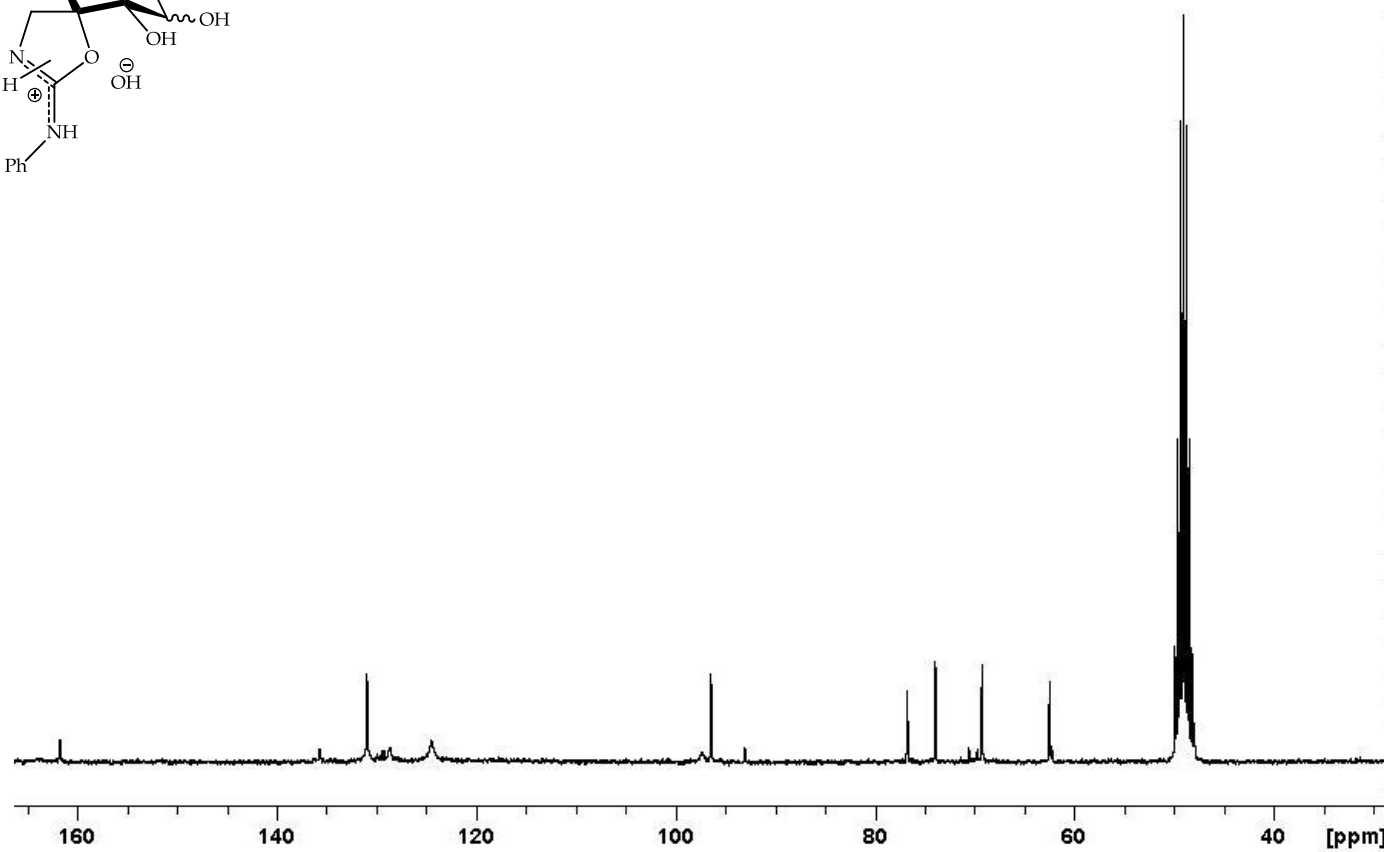
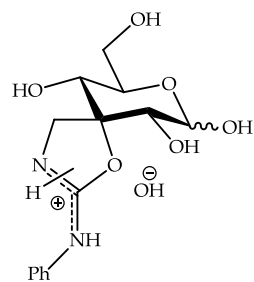


¹³C-NMR (CDCl₃, 75.5 MHz) of **8b**

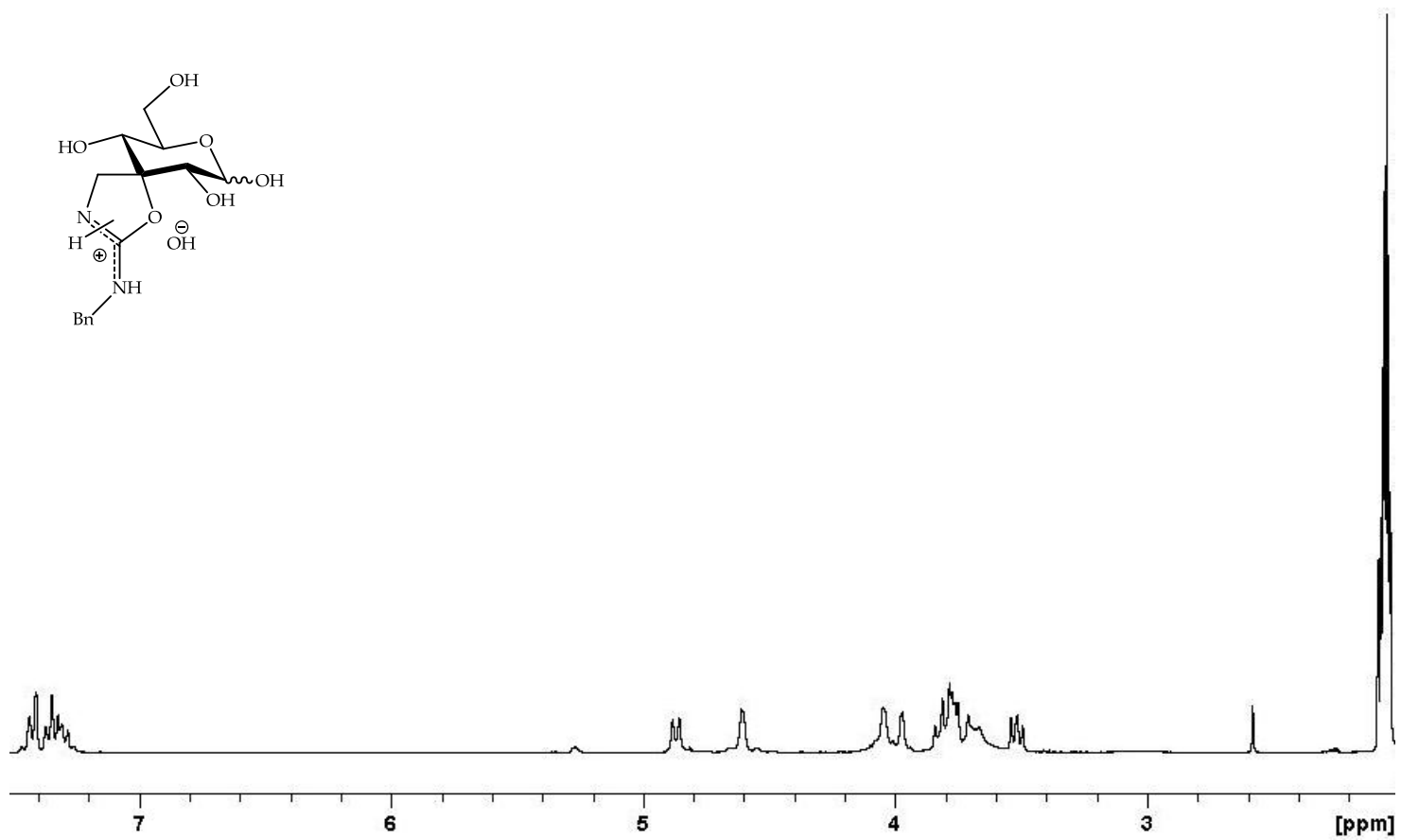




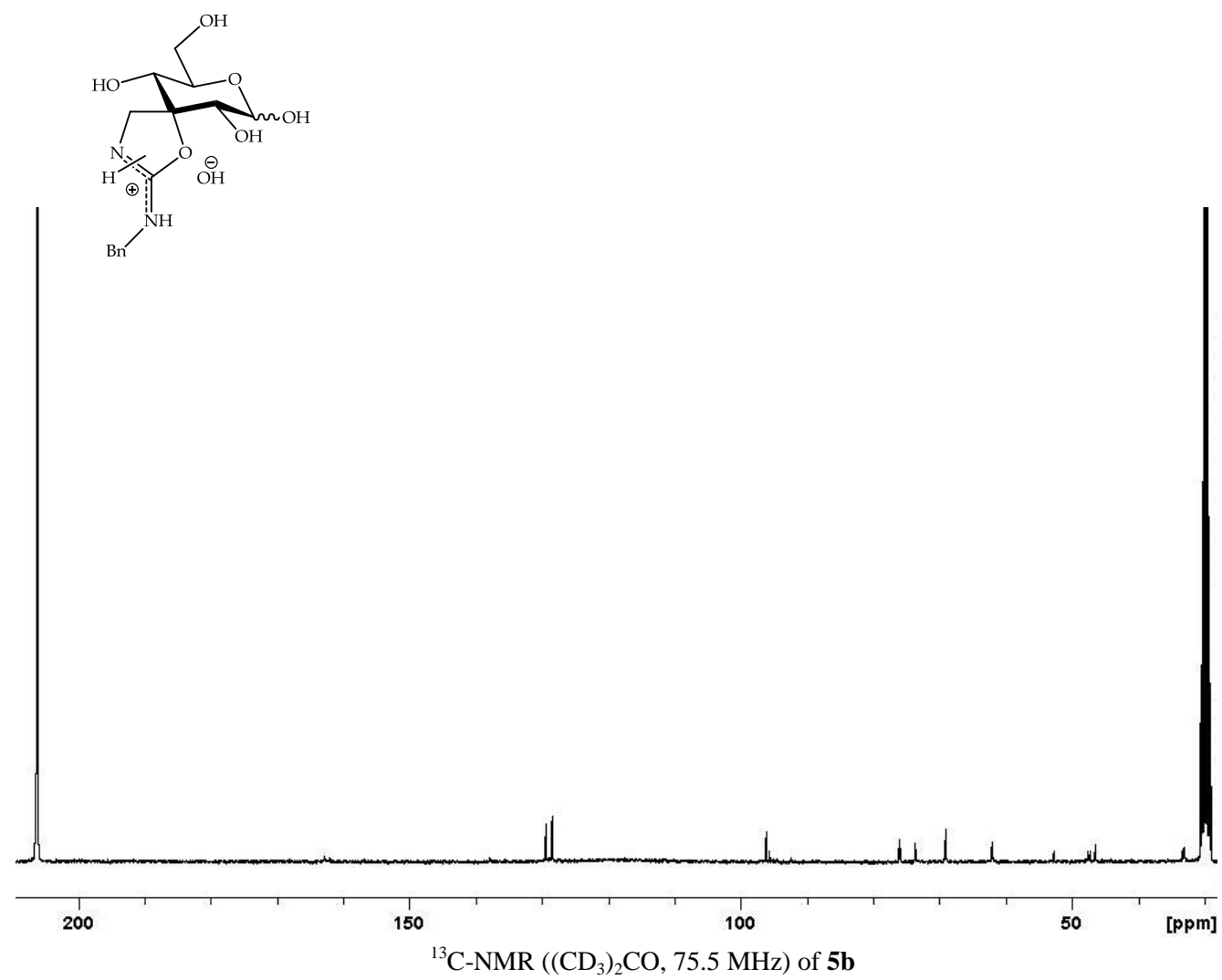


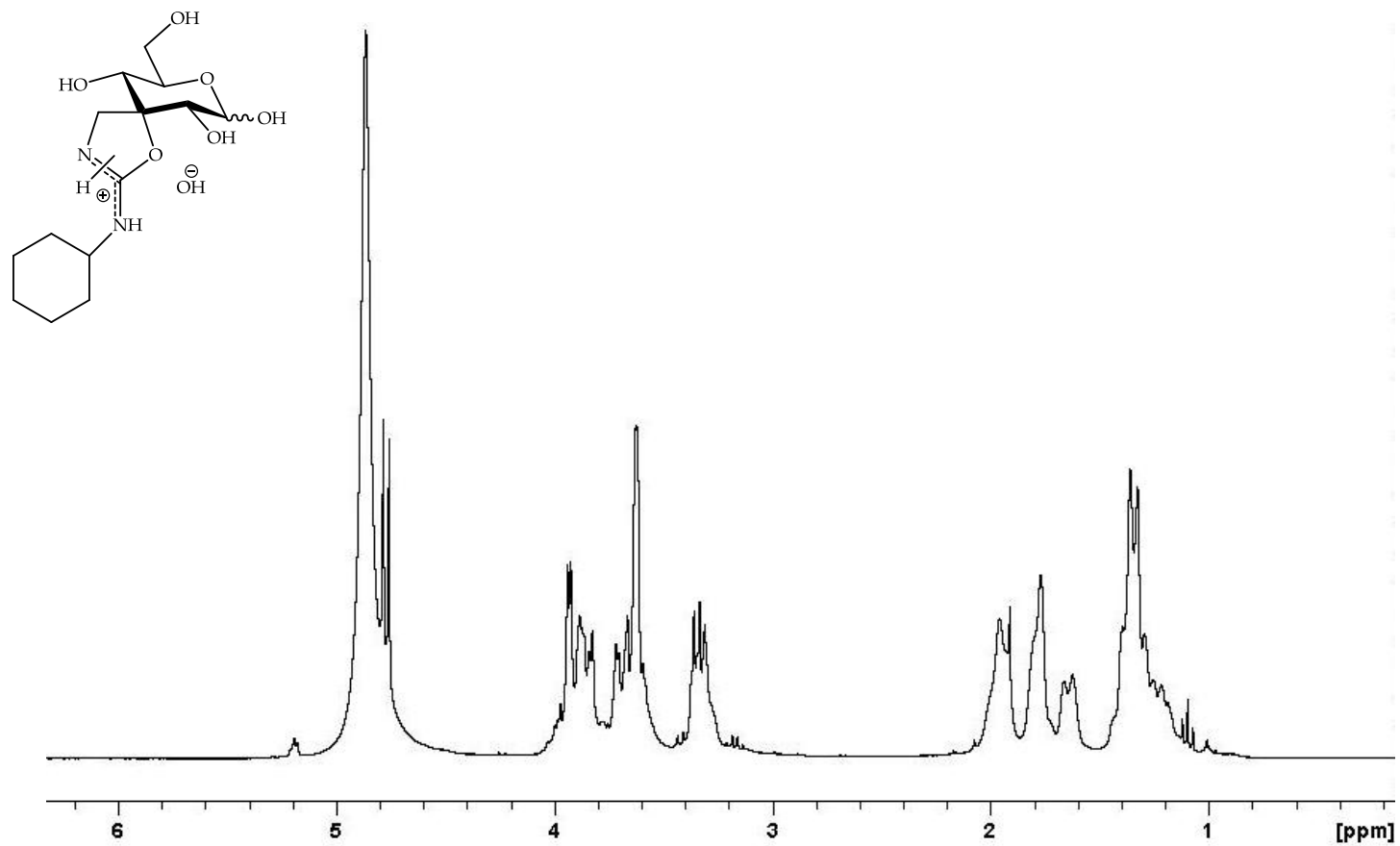


¹³C-NMR (CD₃OD, 75.5 MHz) of **5a**

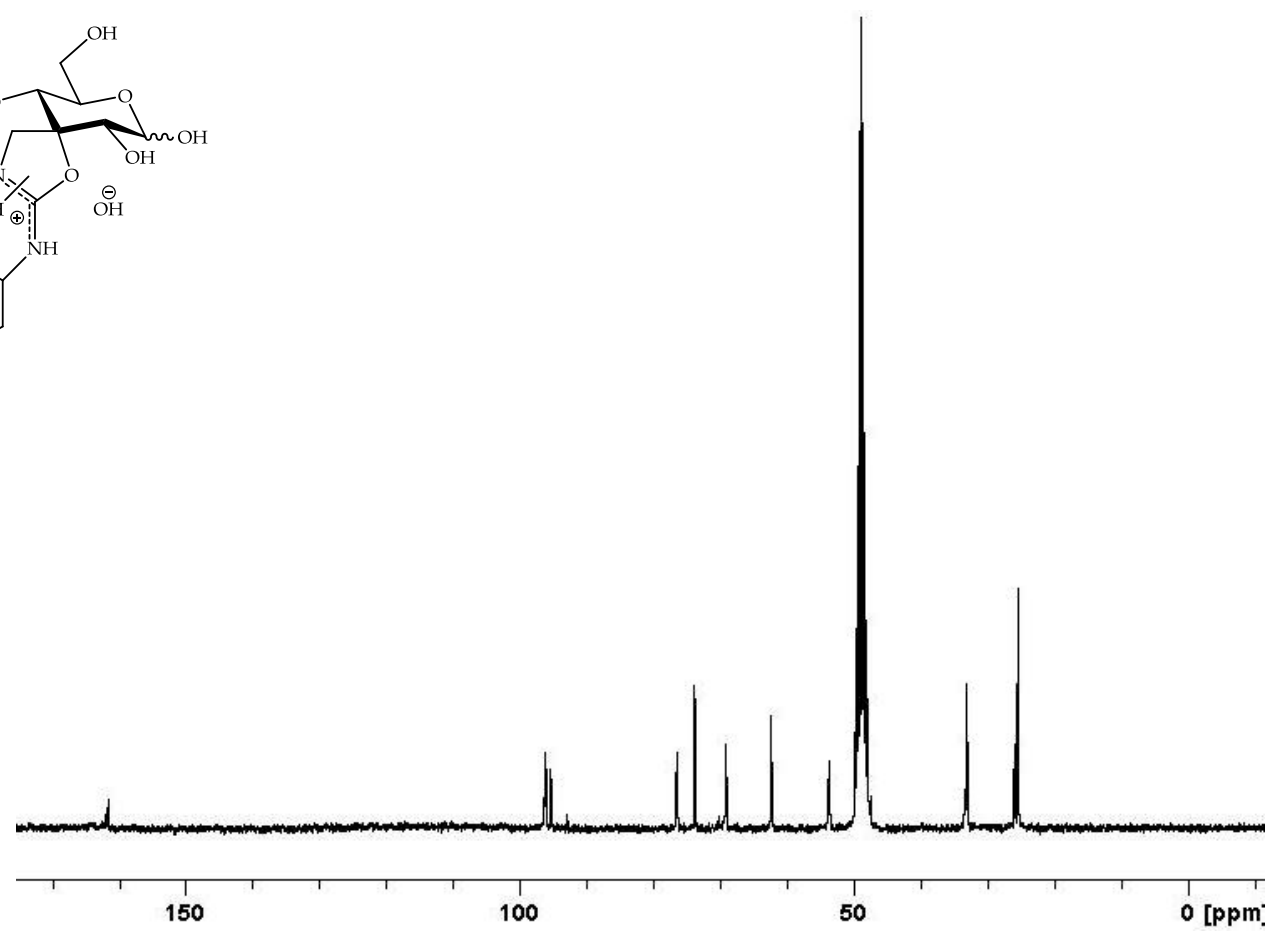
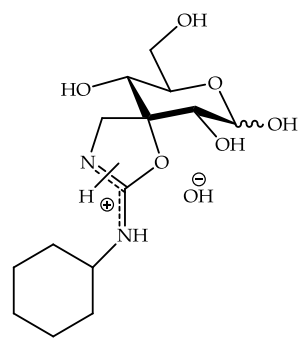


¹H-NMR ((CD₃)₂CO, 300 MHz) of **5b**

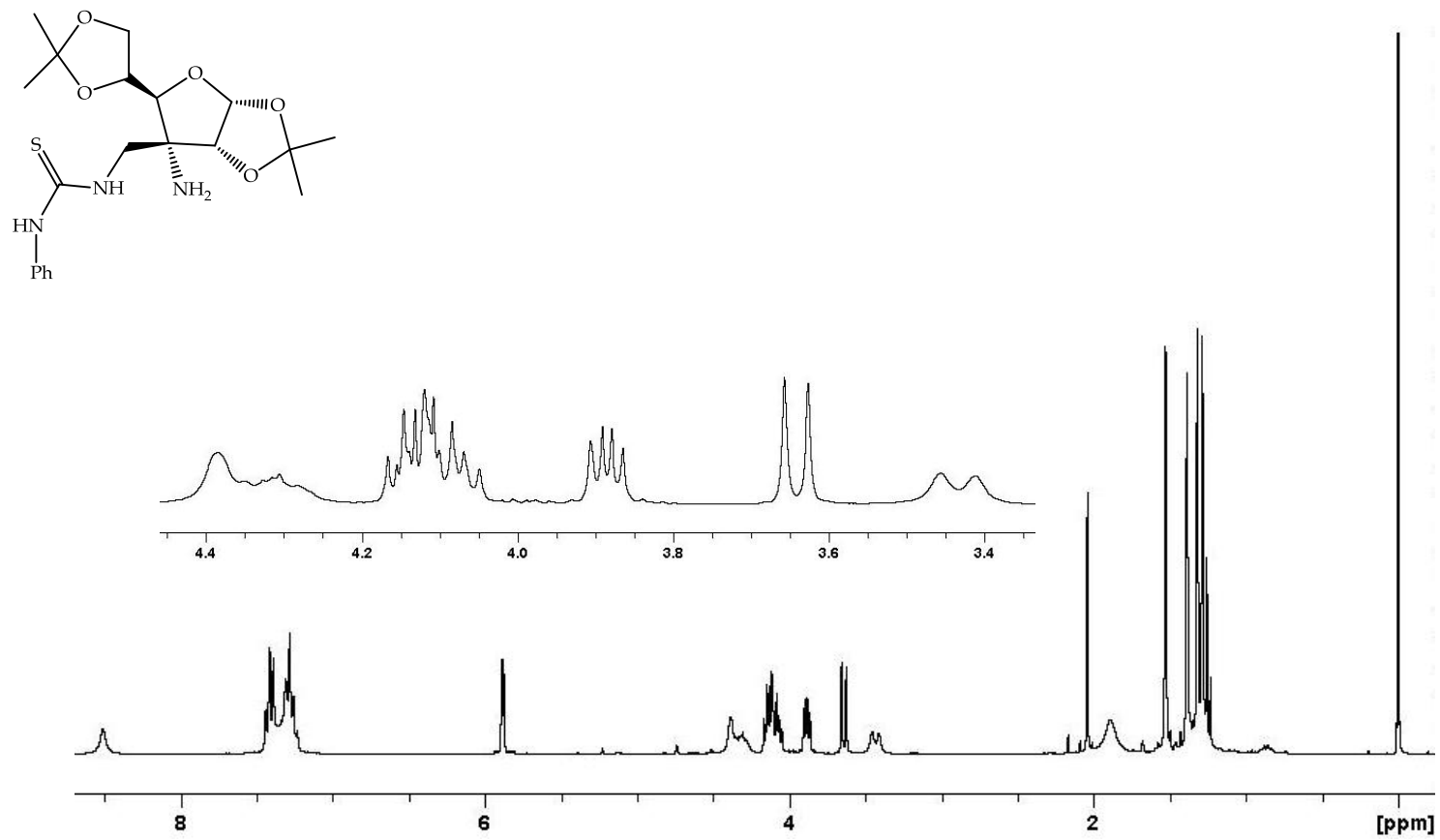




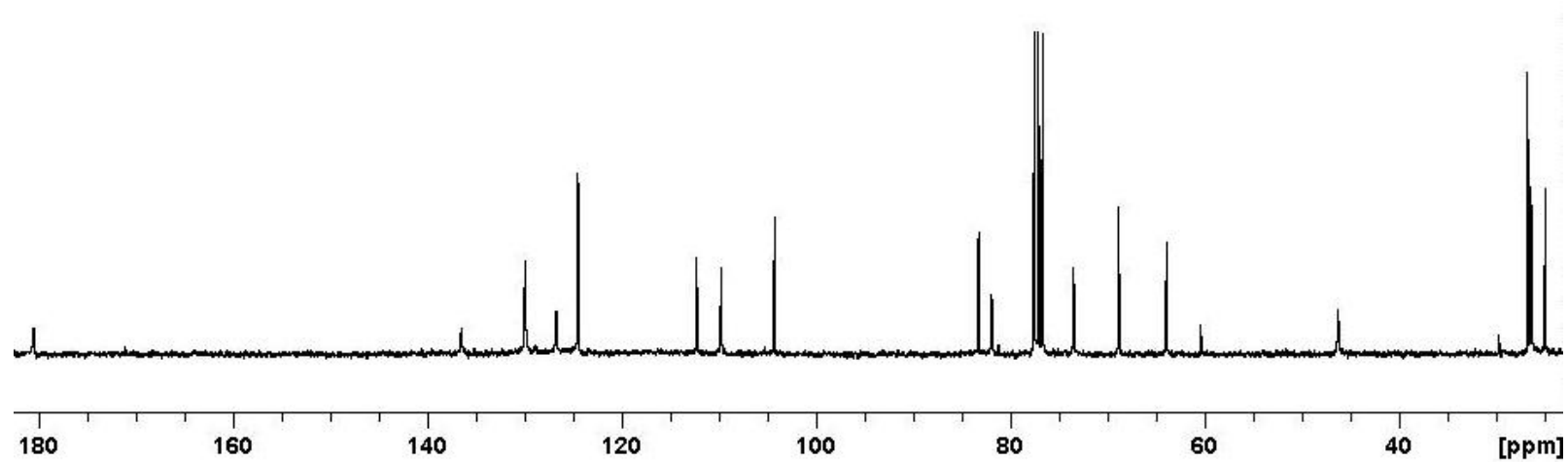
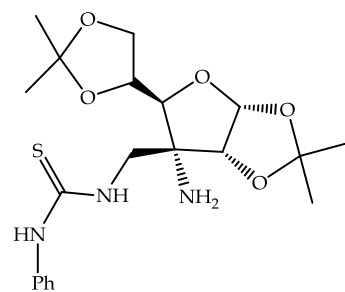
¹H-NMR (CD₃OD, 300 MHz) of **5c**



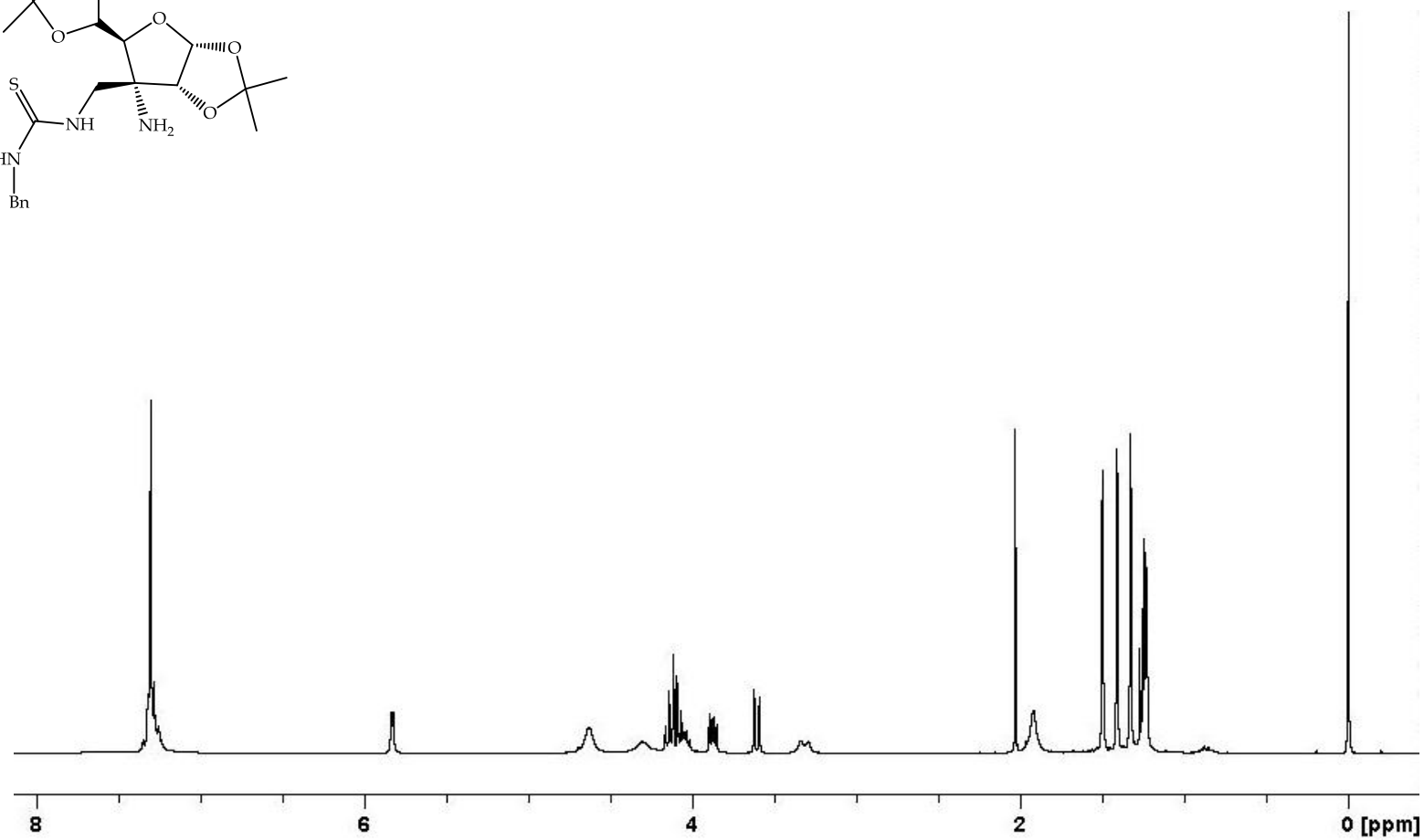
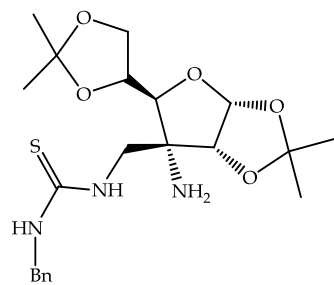
¹³C-NMR (CD₃OD, 75.5 MHz) of **5c**



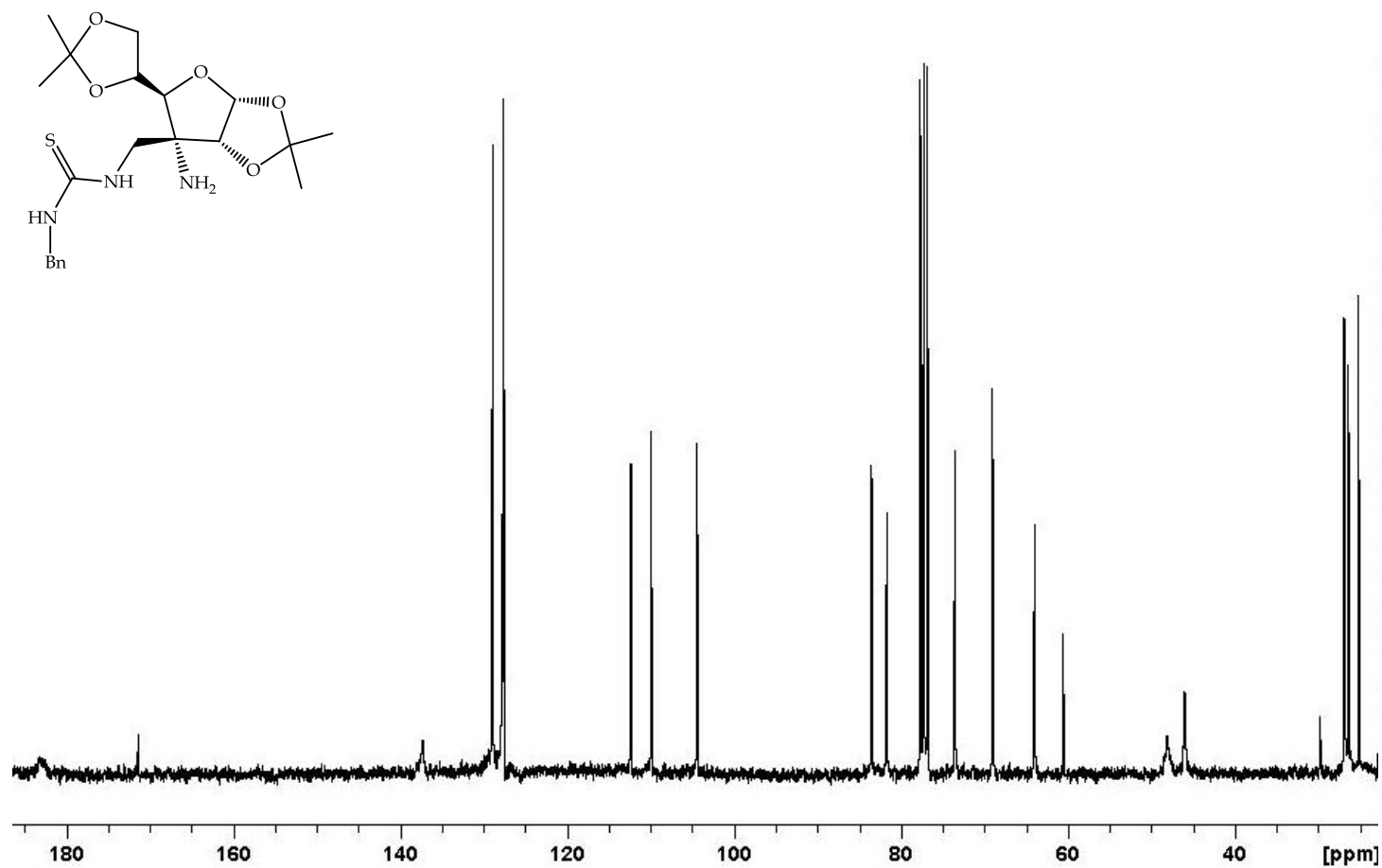
$^1\text{H-NMR}$ (CDCl_3 , 300 MHz) of **22a**



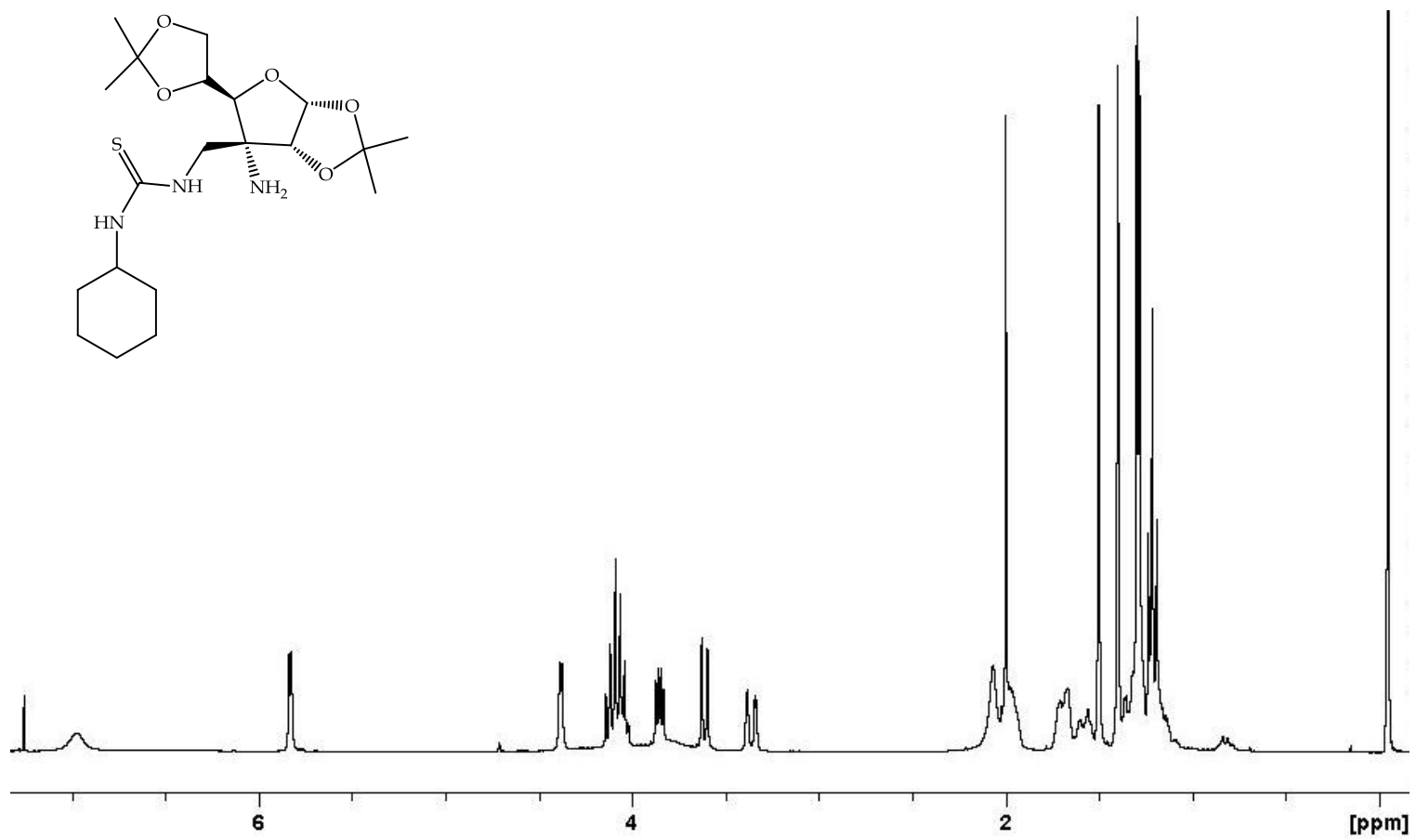
¹³C-NMR (CDCl₃, 75.5 MHz) of 22a



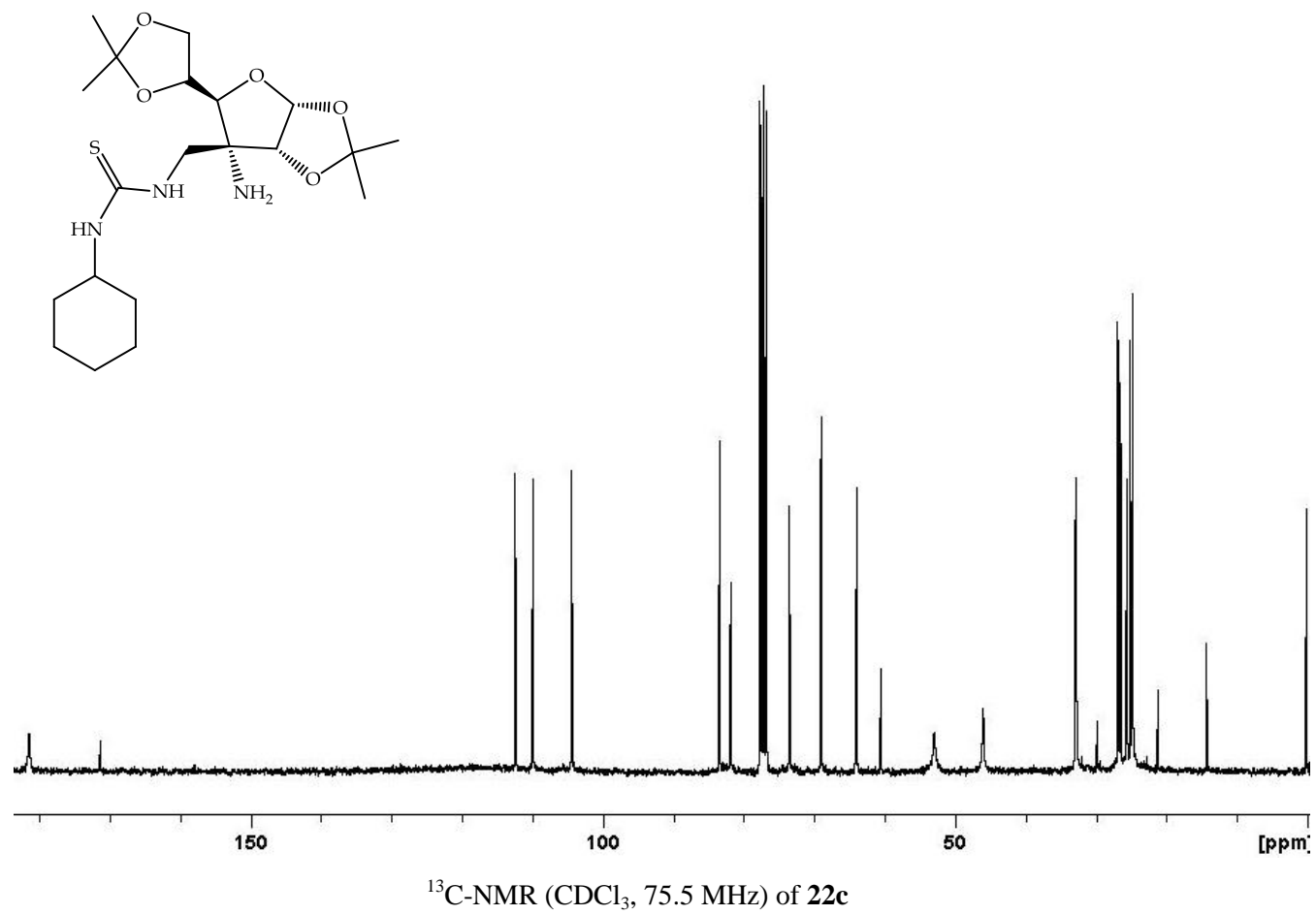
¹H-NMR (CDCl₃, 300 MHz) of **22b**

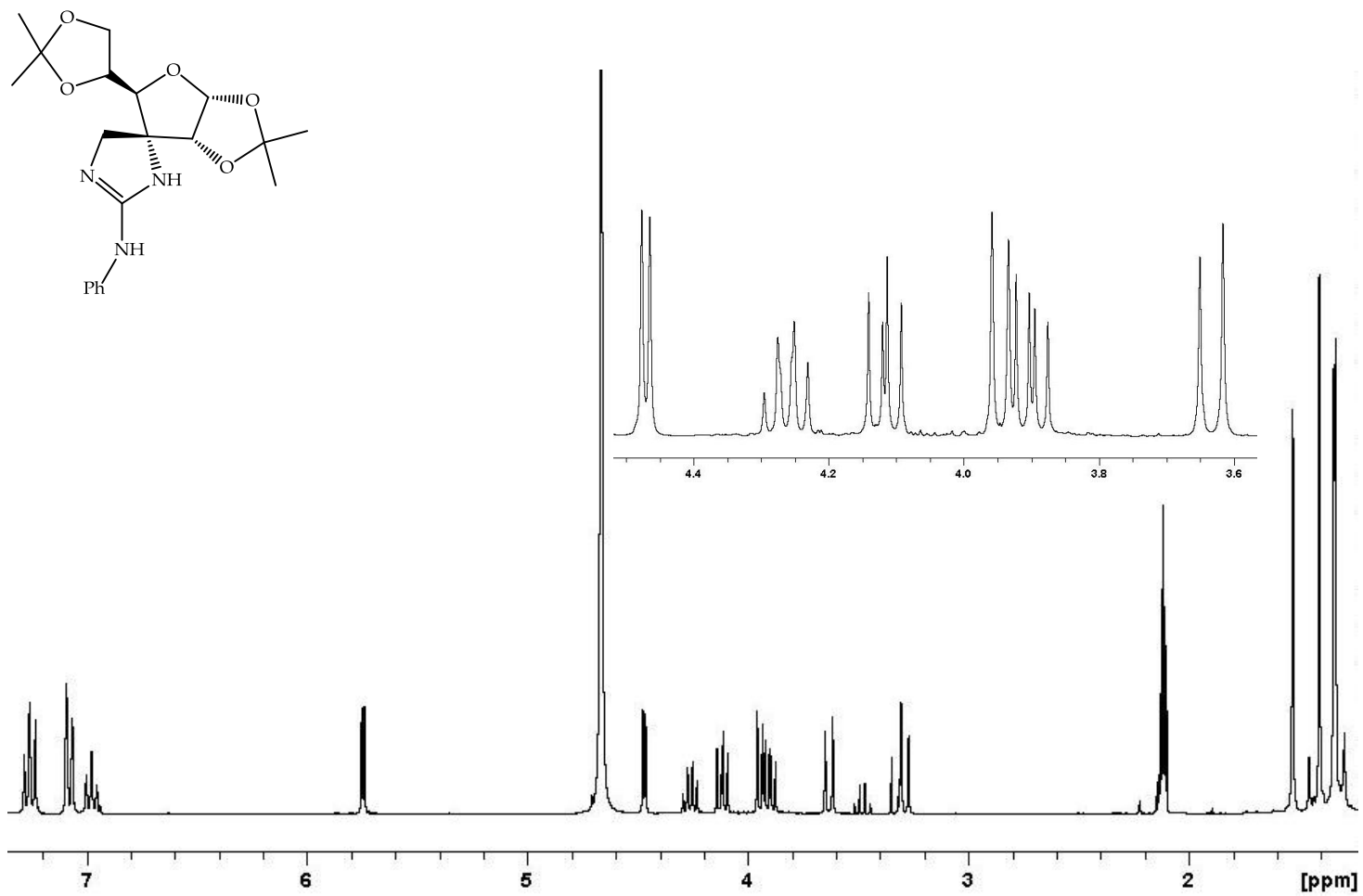


^{13}C -NMR (CDCl₃, 75.5 MHz) of **22b**

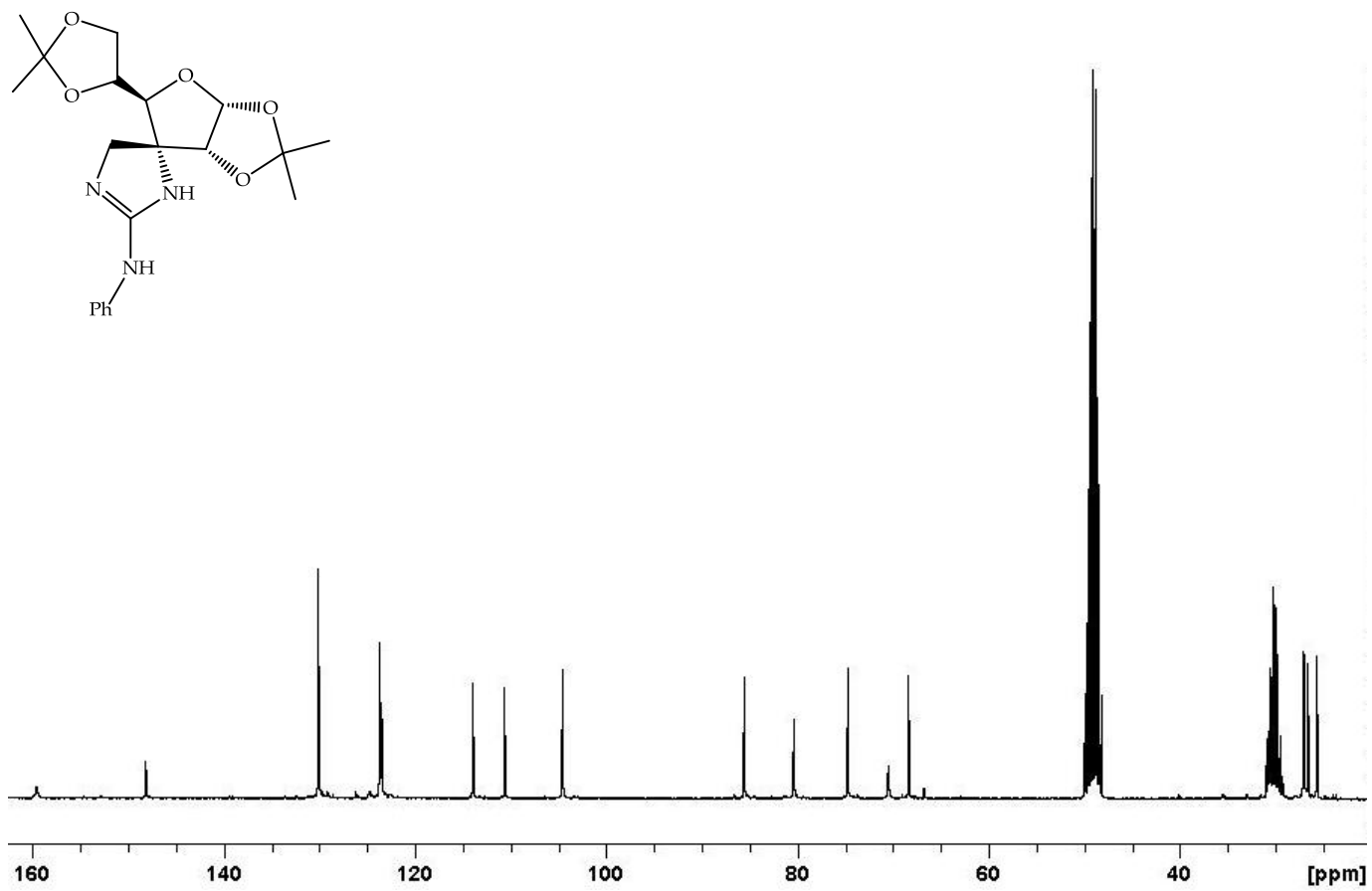


¹H-NMR (CDCl₃, 300 MHz) of **22c**

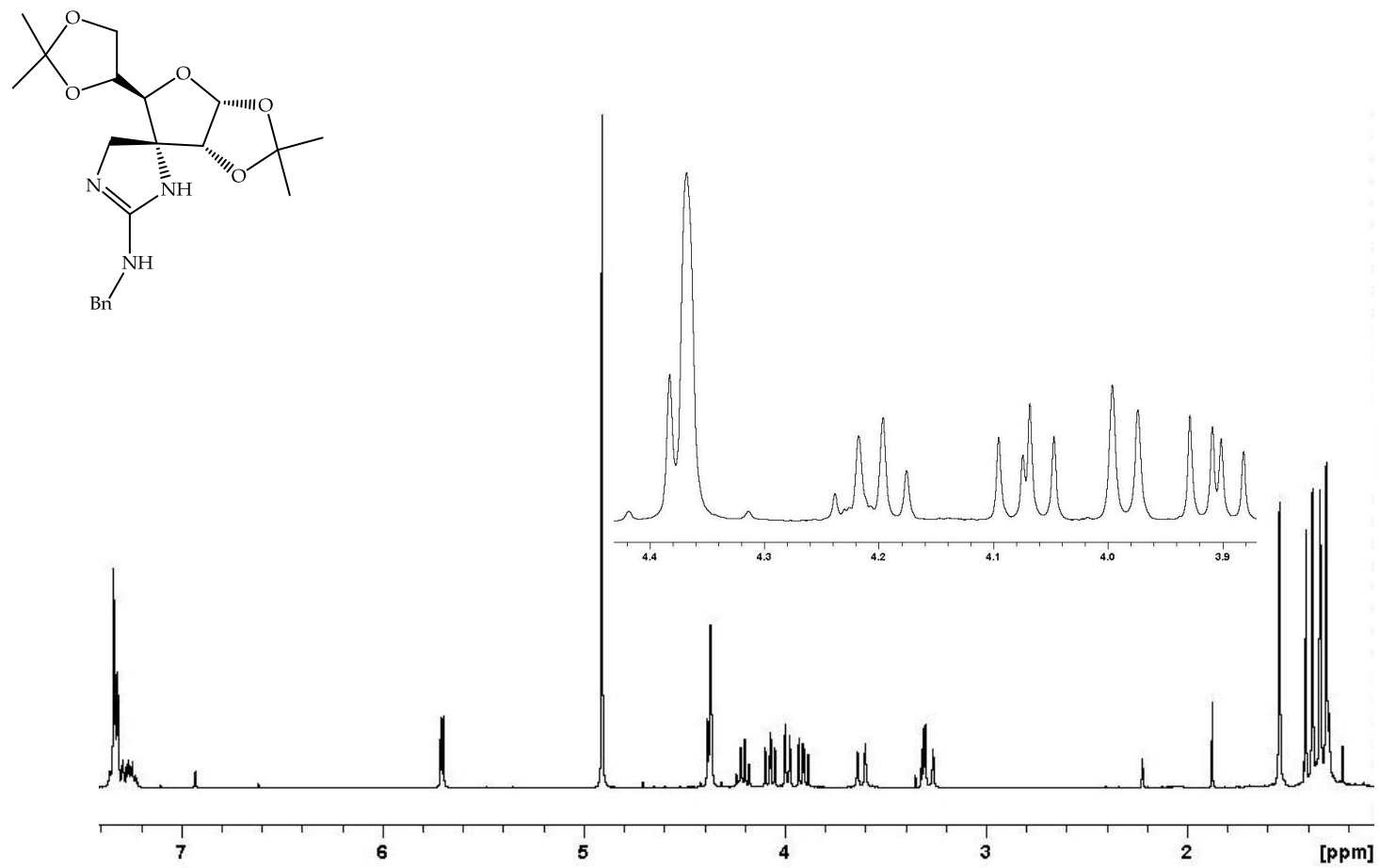




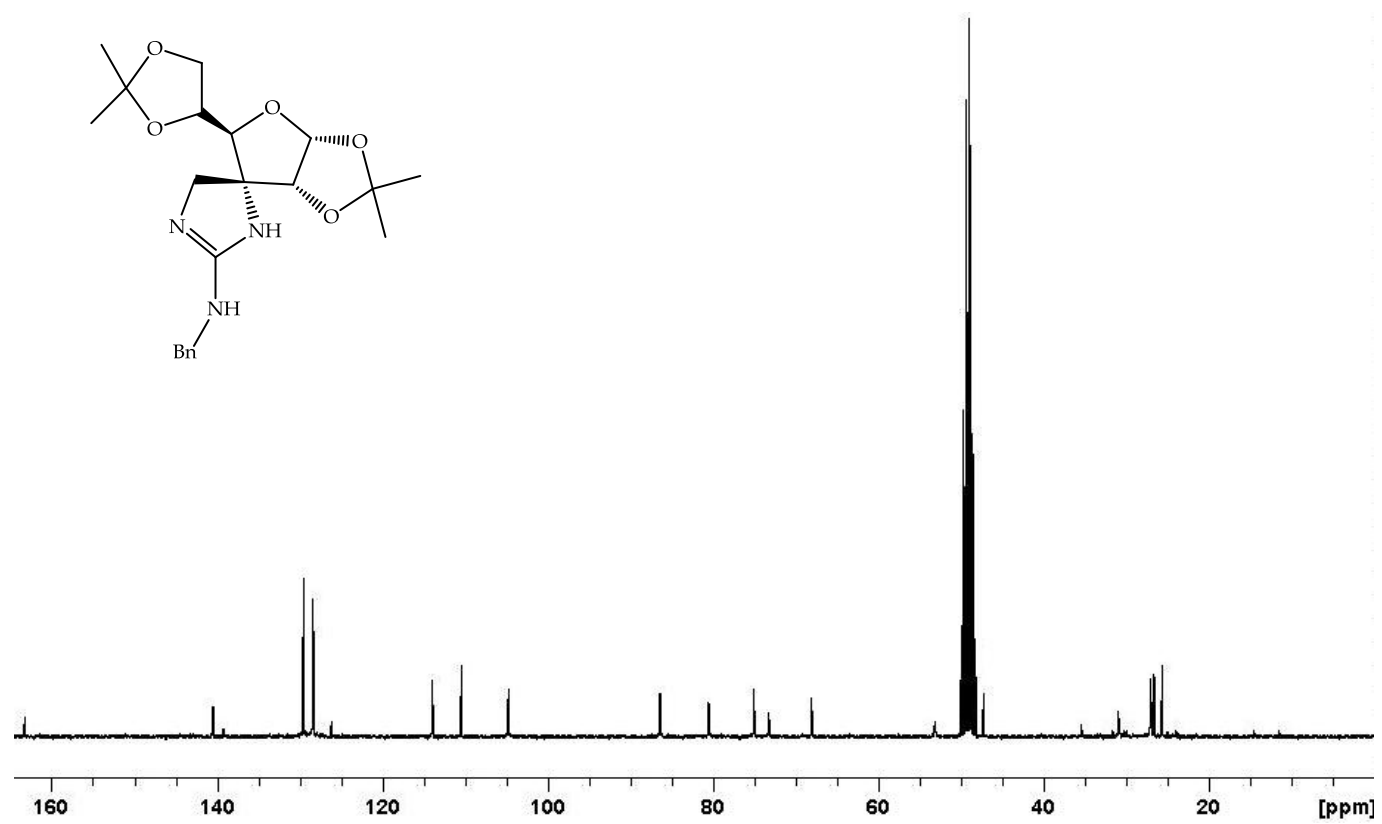
$^1\text{H-NMR}$ ($\text{CD}_3\text{OD}/\text{DMSO-}d^6$, 300 MHz) of **9a**



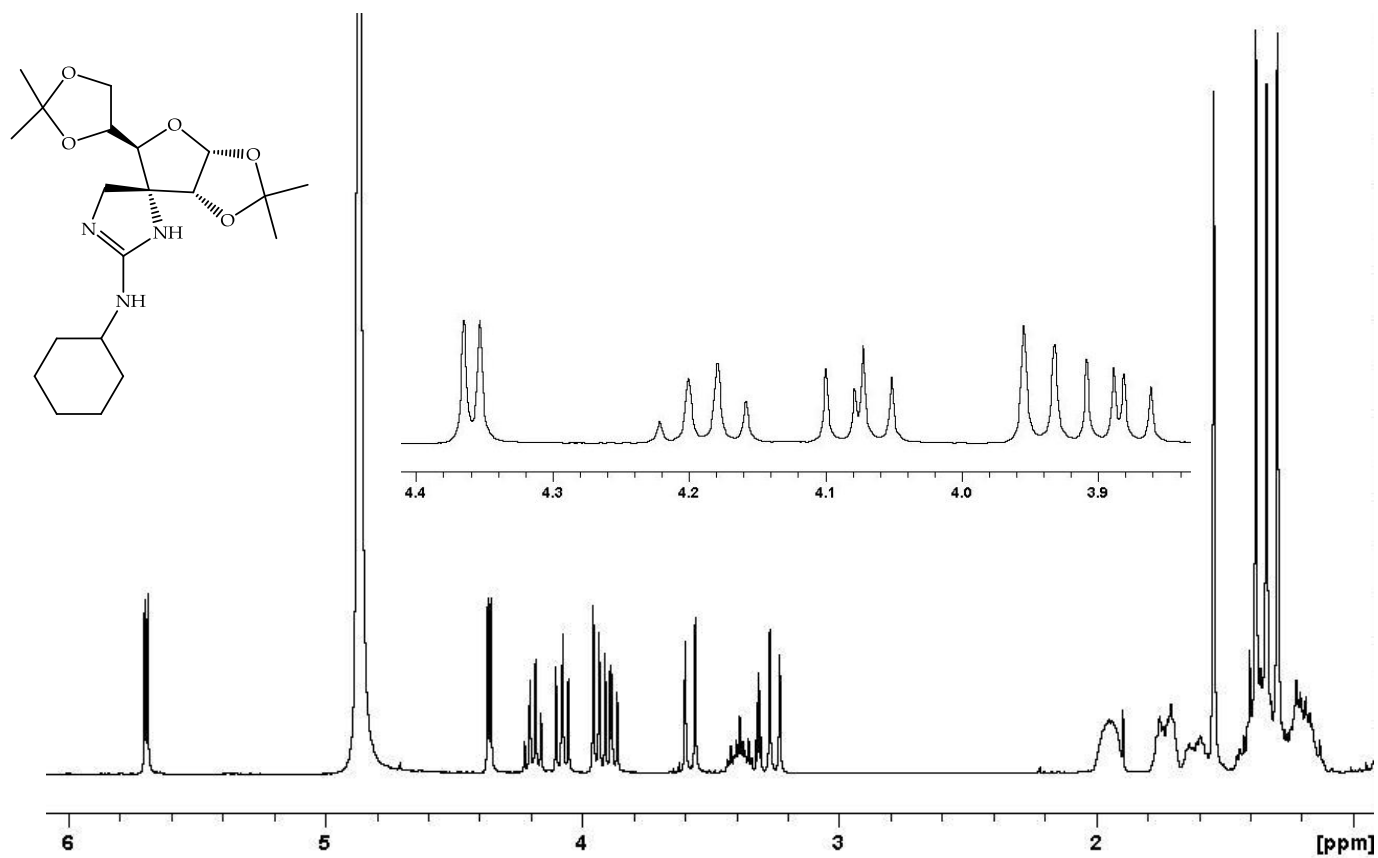
^{13}C -NMR ($\text{CD}_3\text{OD}/\text{DMSO}-d^6$, 75.5 MHz) of **9a**



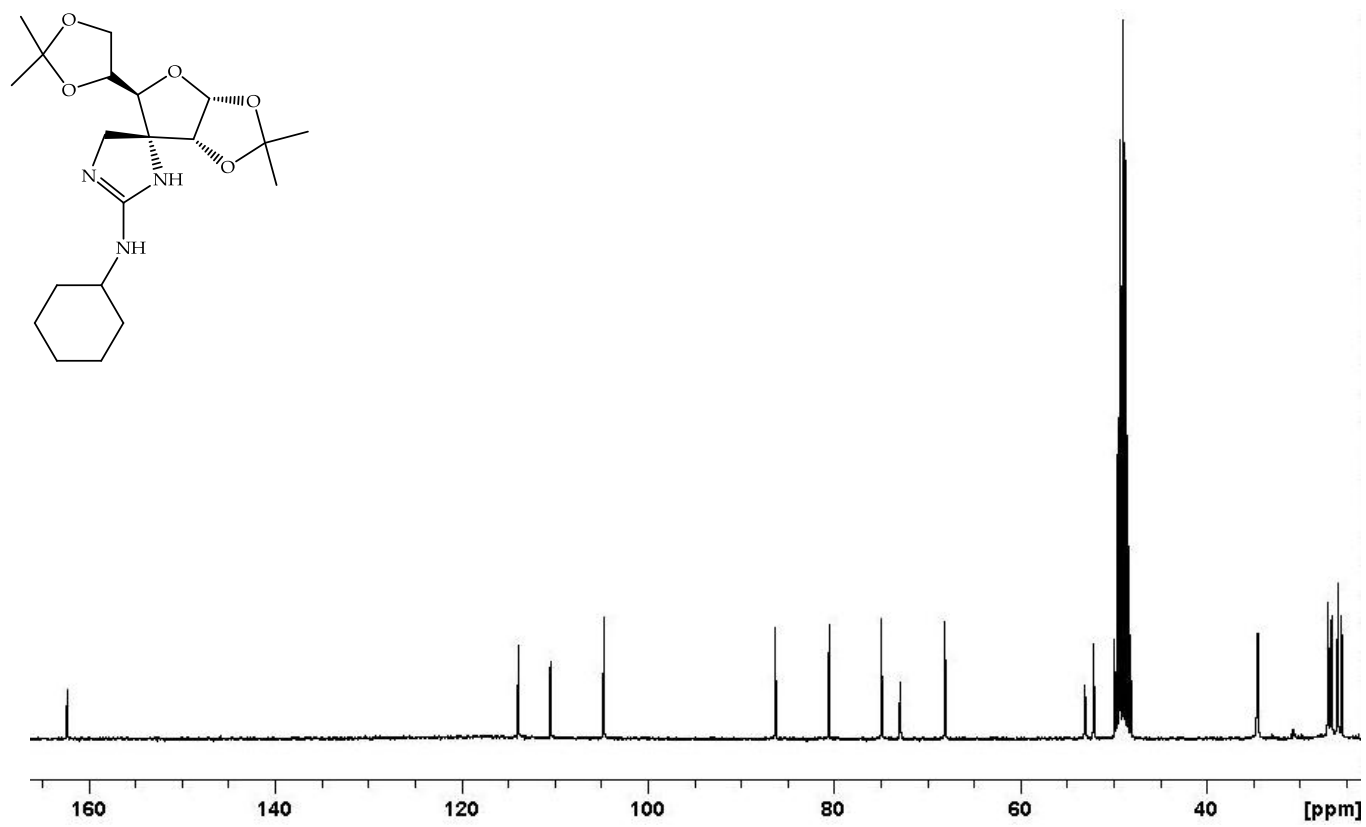
$^1\text{H-NMR}$ (CD_3OD , 300 MHz) of **9b**



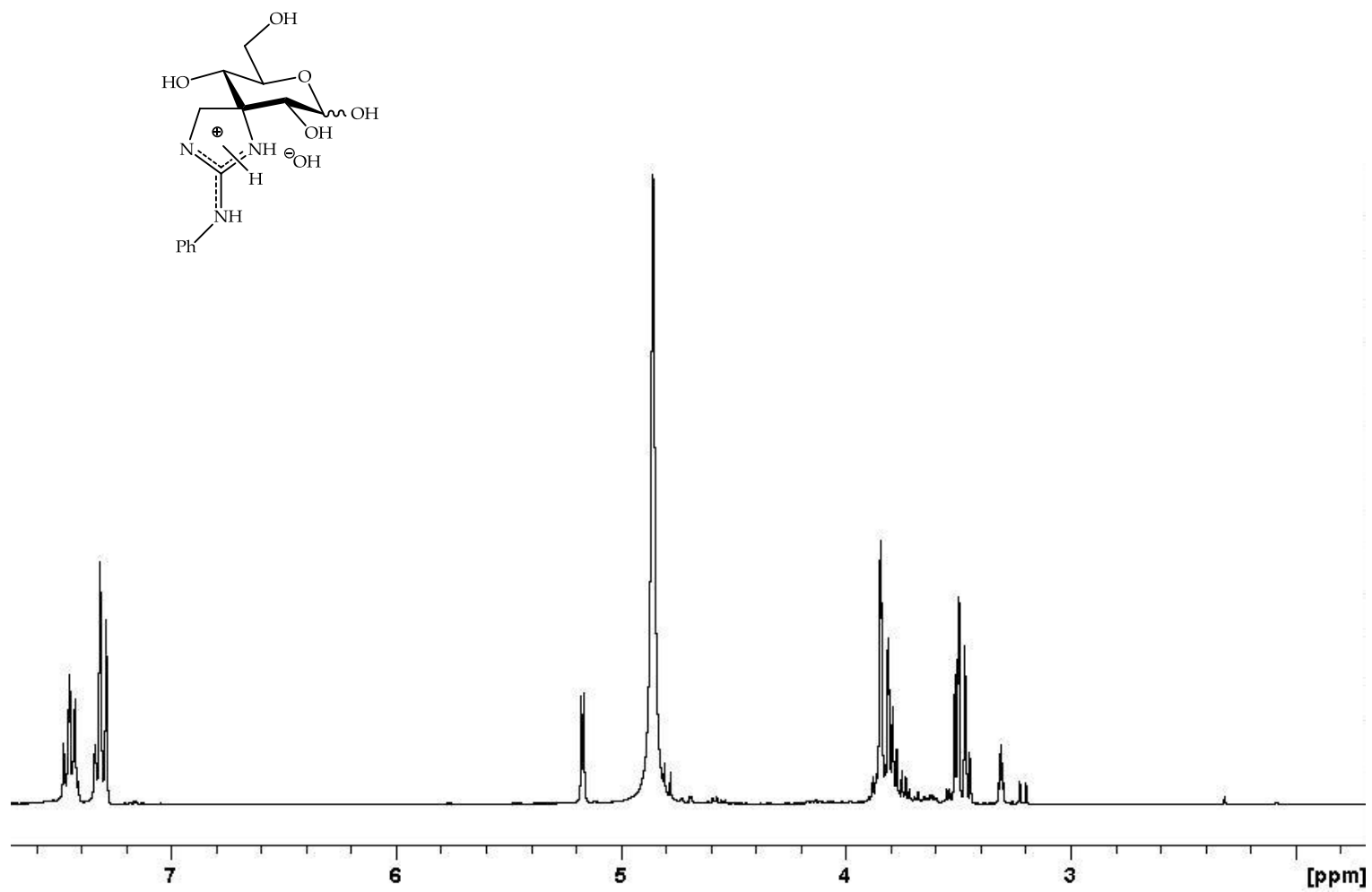
^{13}C -NMR (CD_3OD , 75.5 MHz) of **9b**



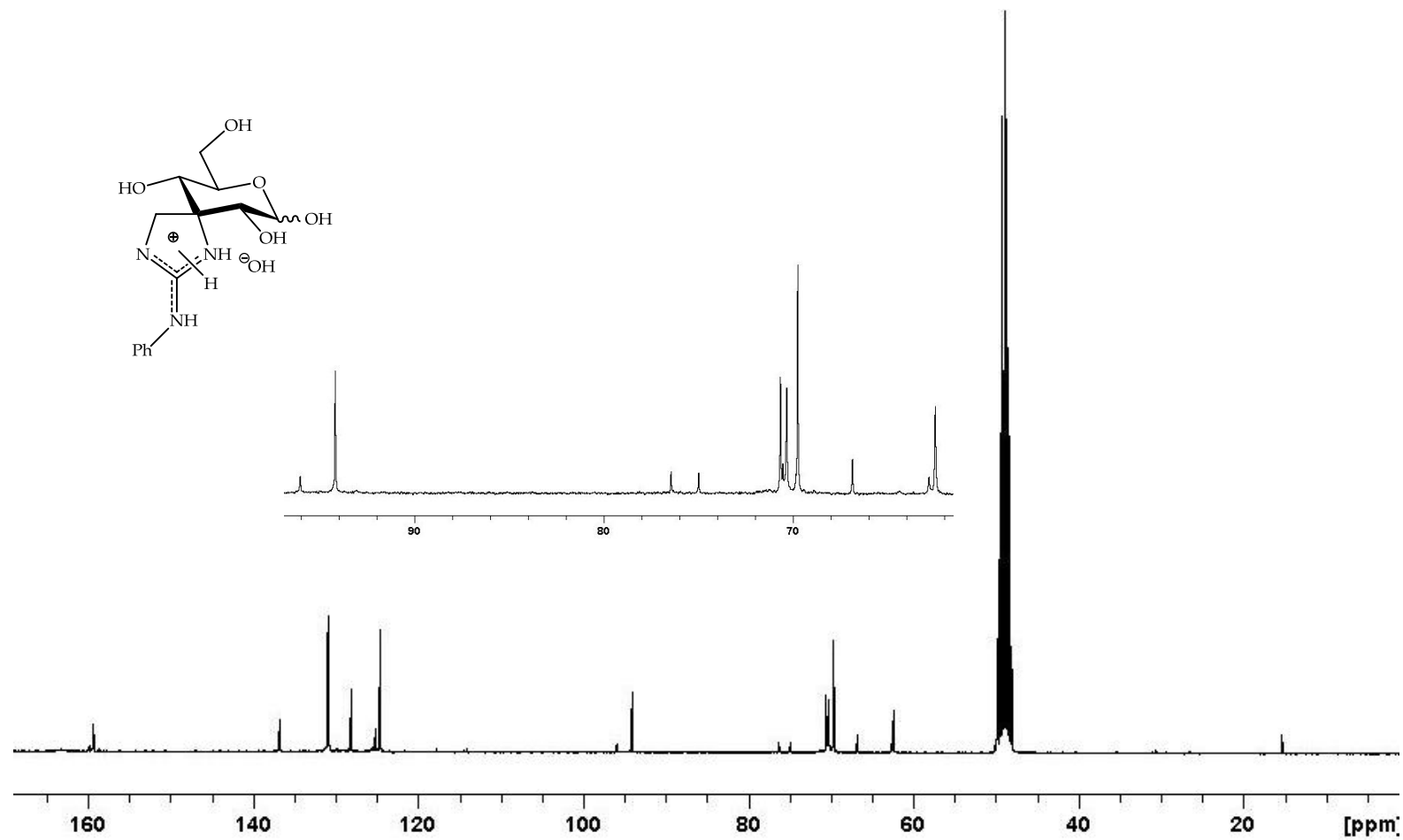
¹H-NMR (CD₃OD, 300 MHz) of **9c**



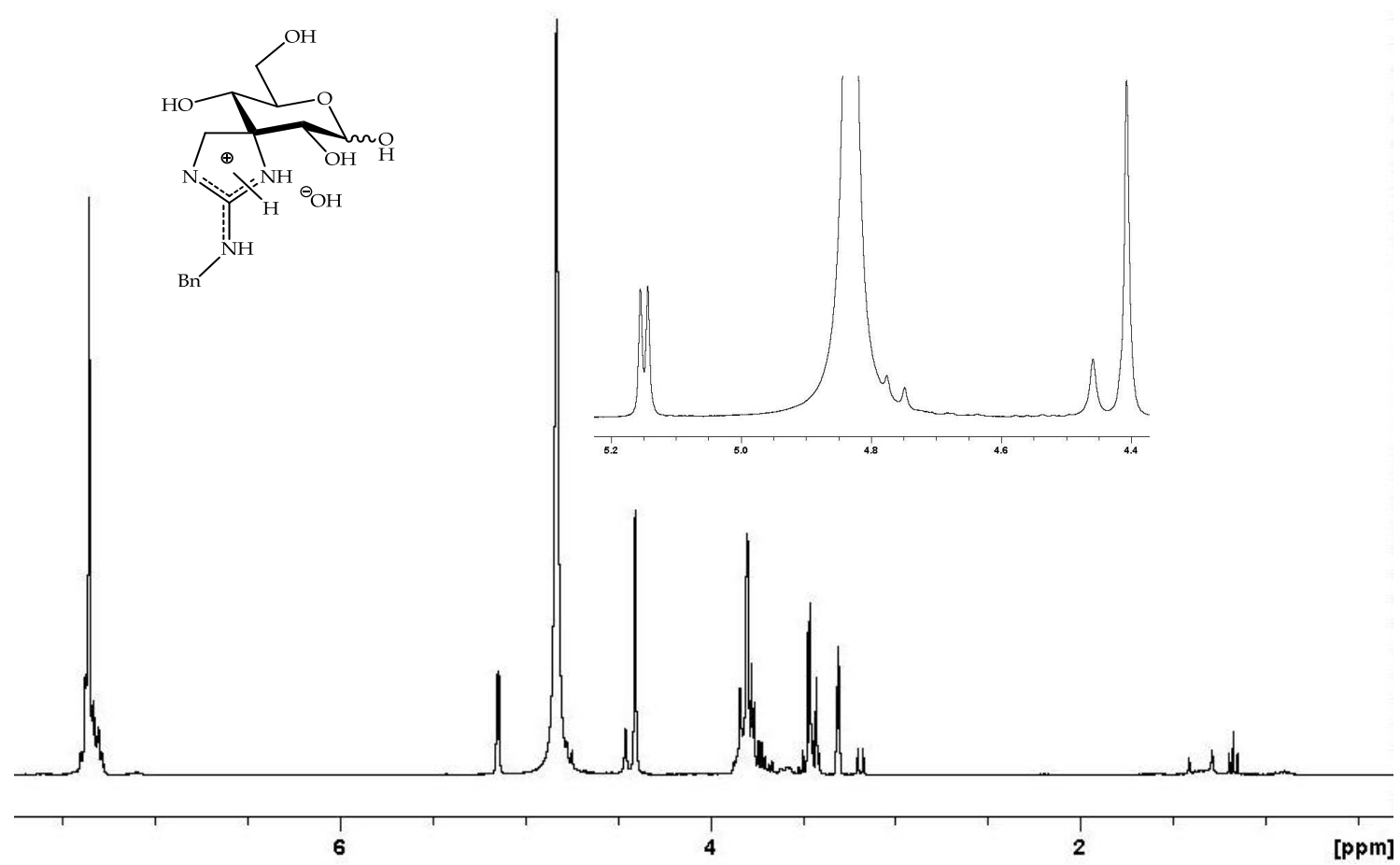
^{13}C -NMR (CD_3OD , 75.5 MHz) of **9c**



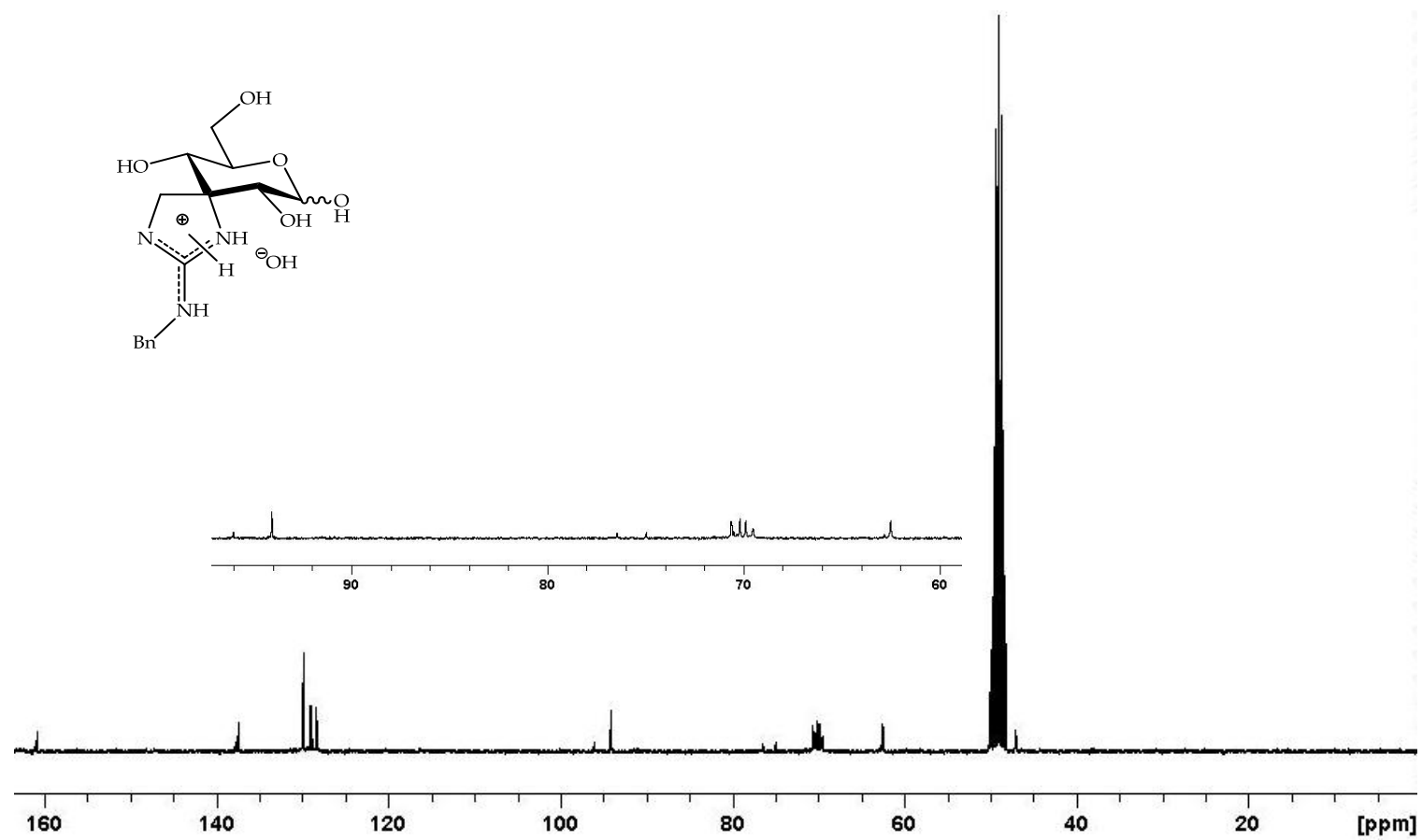
$^1\text{H-NMR}$ (CD_3OD , 300 MHz) of **6a**



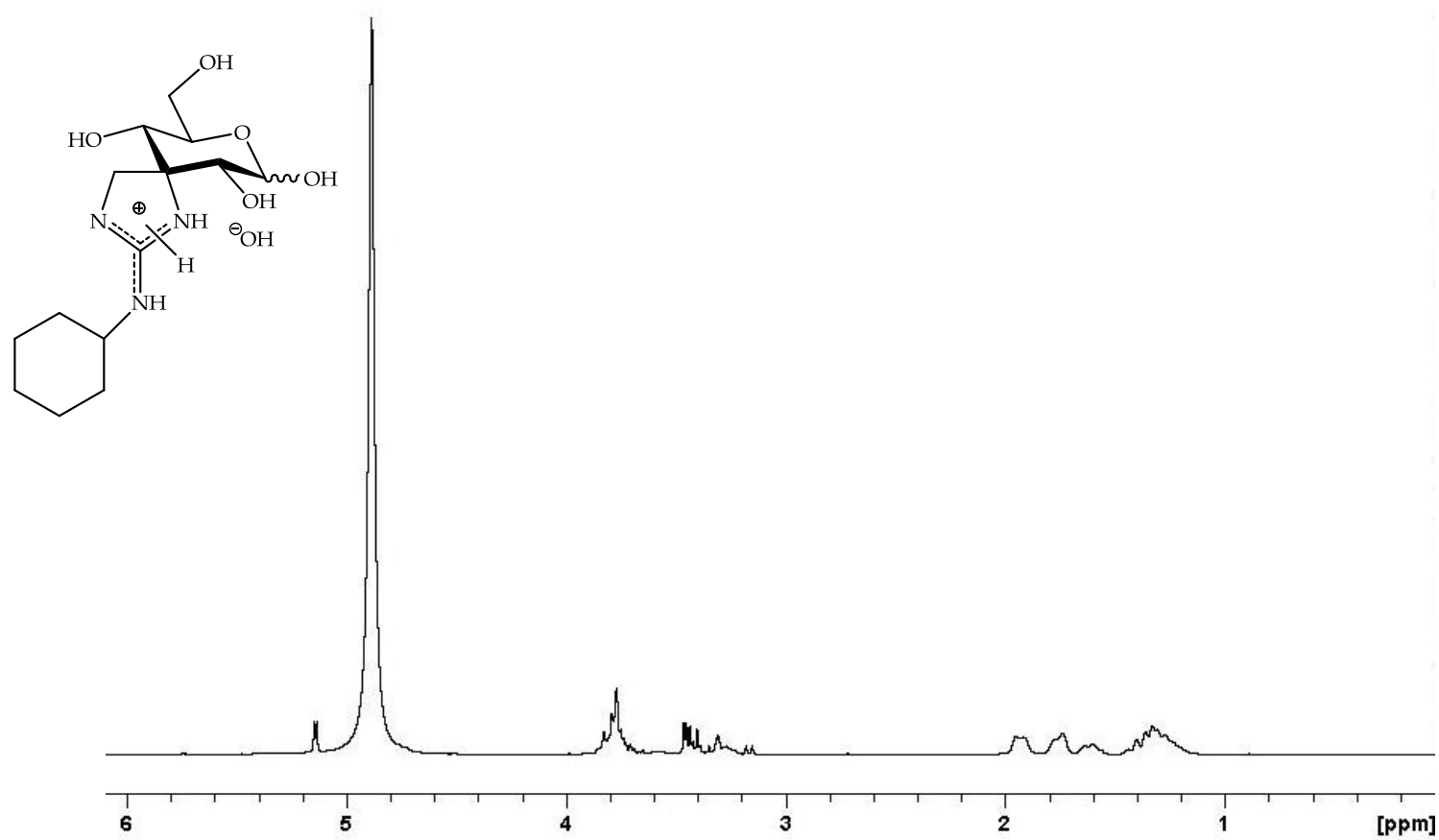
^{13}C -NMR (CD_3OD , 75.5 MHz) of **6a**



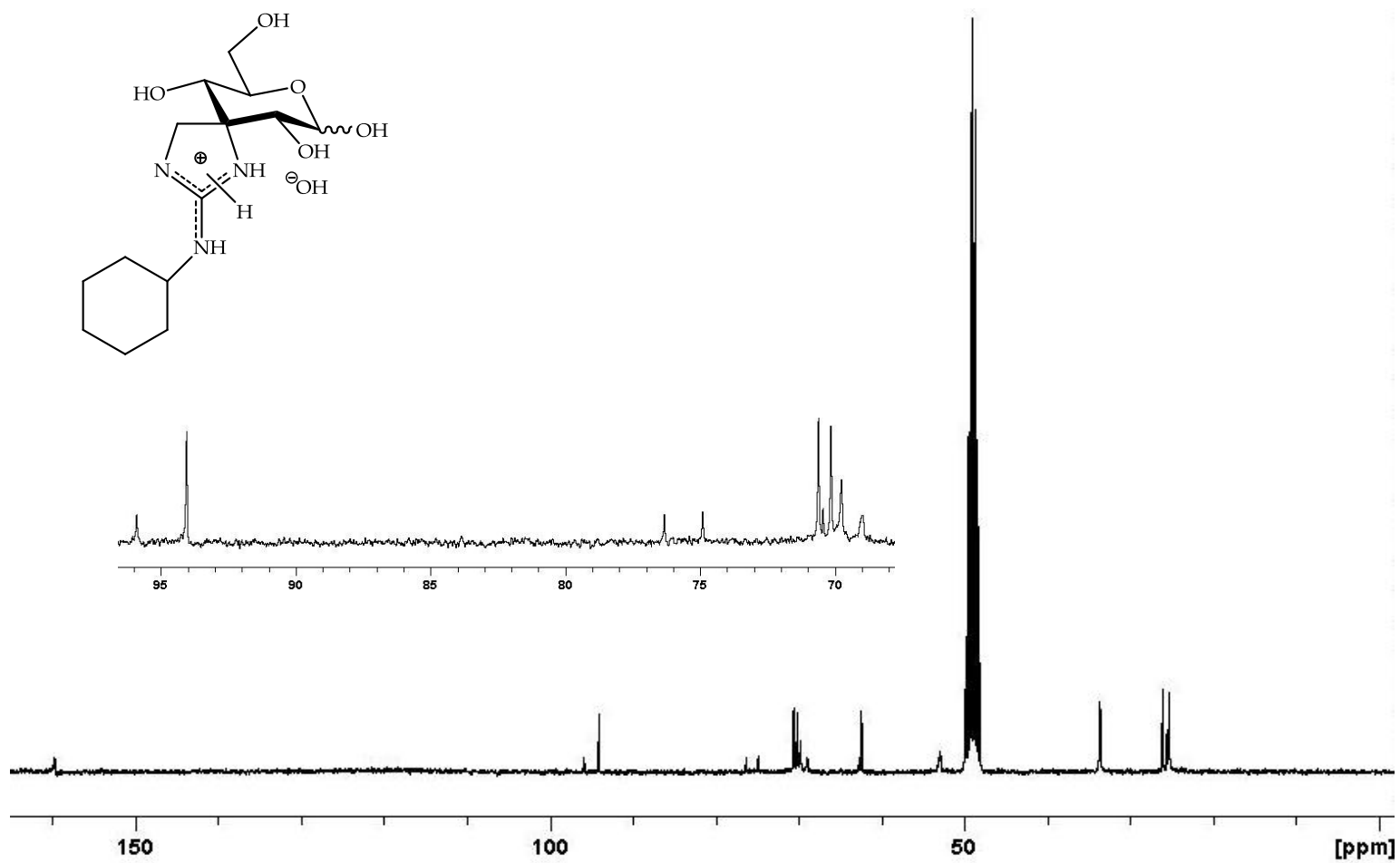
$^1\text{H-NMR}$ (CD_3OD , 300 MHz) of **6b**



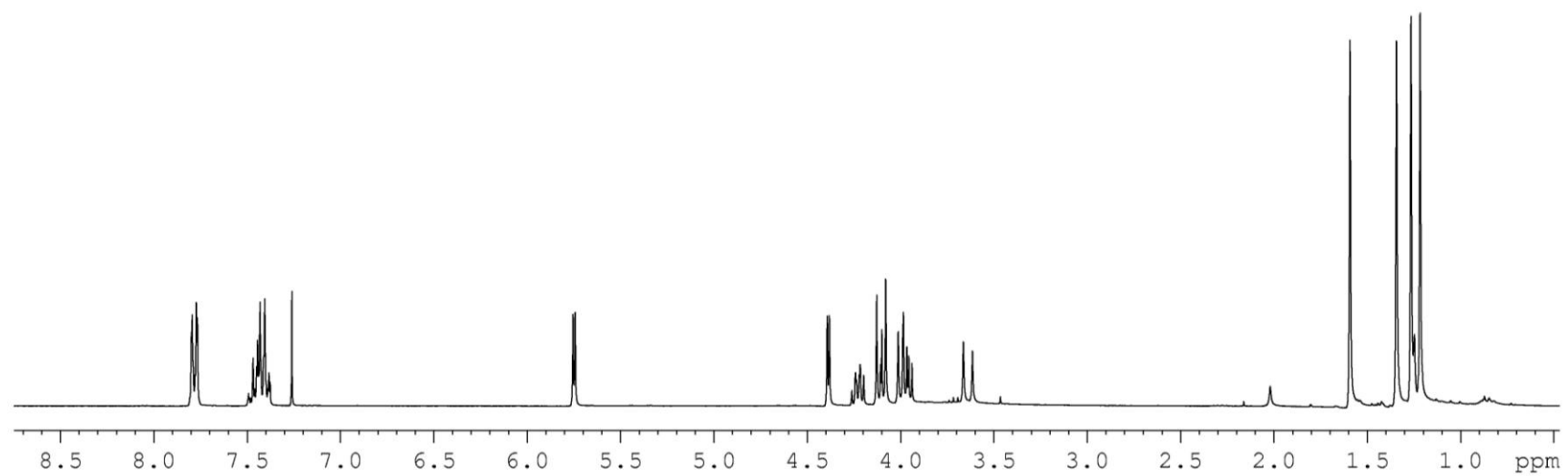
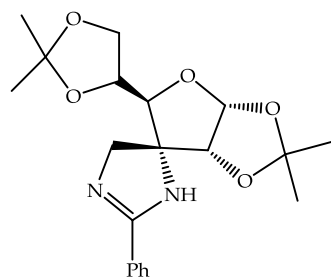
^{13}C -NMR (CD_3OD , 75.5 MHz) of **6b**



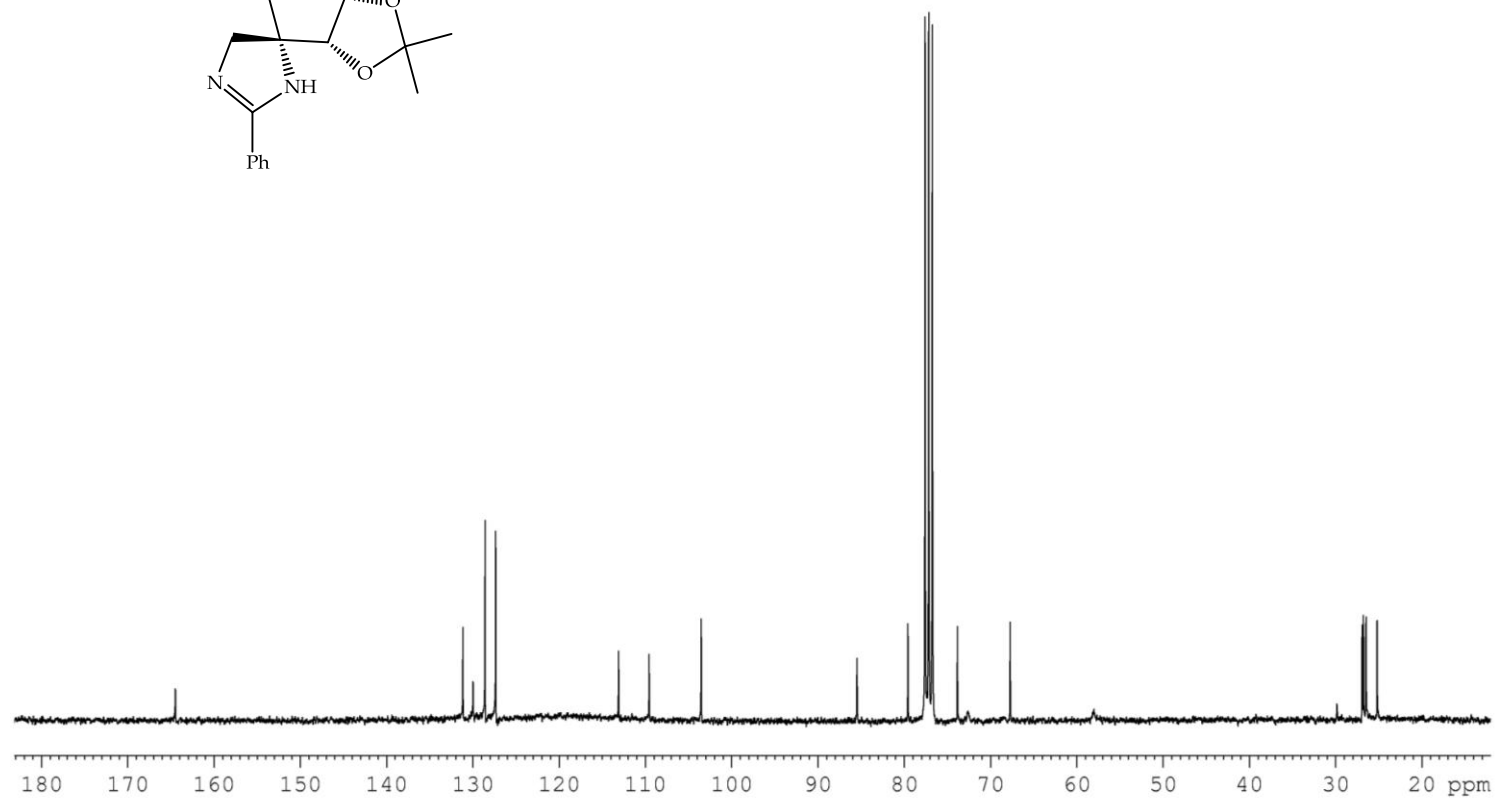
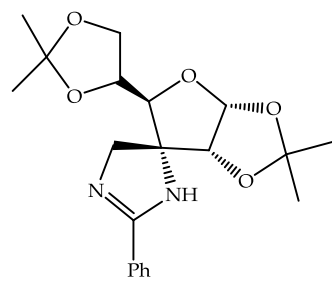
$^1\text{H-NMR}$ (CD_3OD , 300 MHz) of **6c**



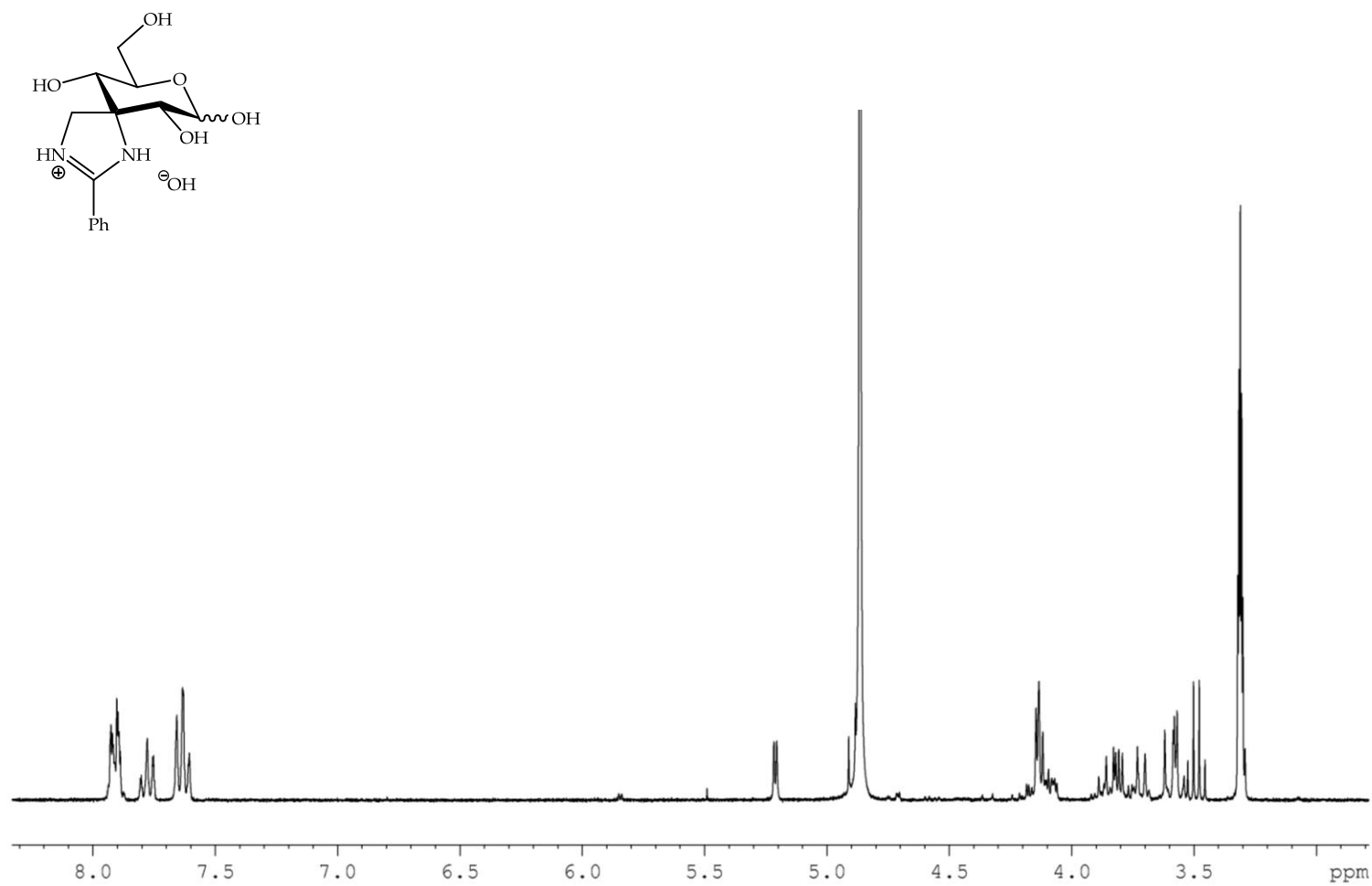
^{13}C -NMR (CD_3OD , 75.5 MHz) of **6c**



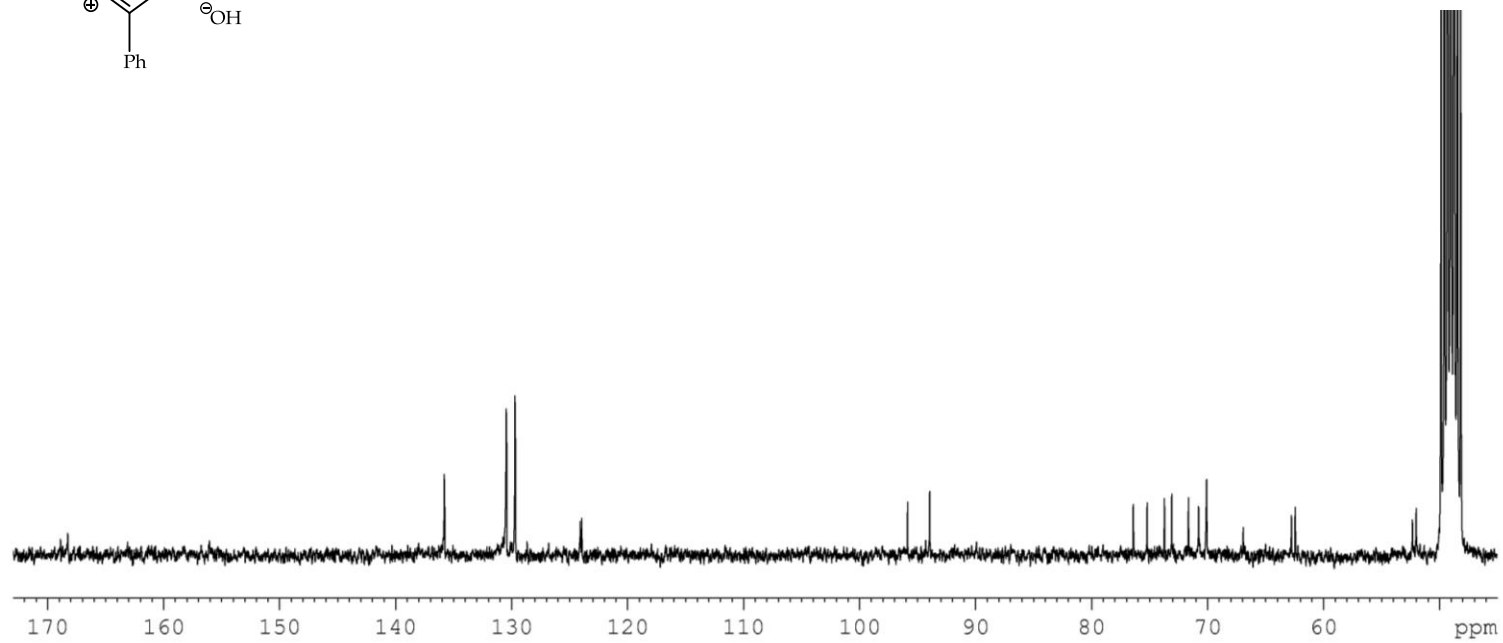
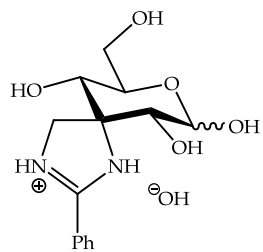
¹H-NMR (CDCl₃, 300 MHz) of **10a**



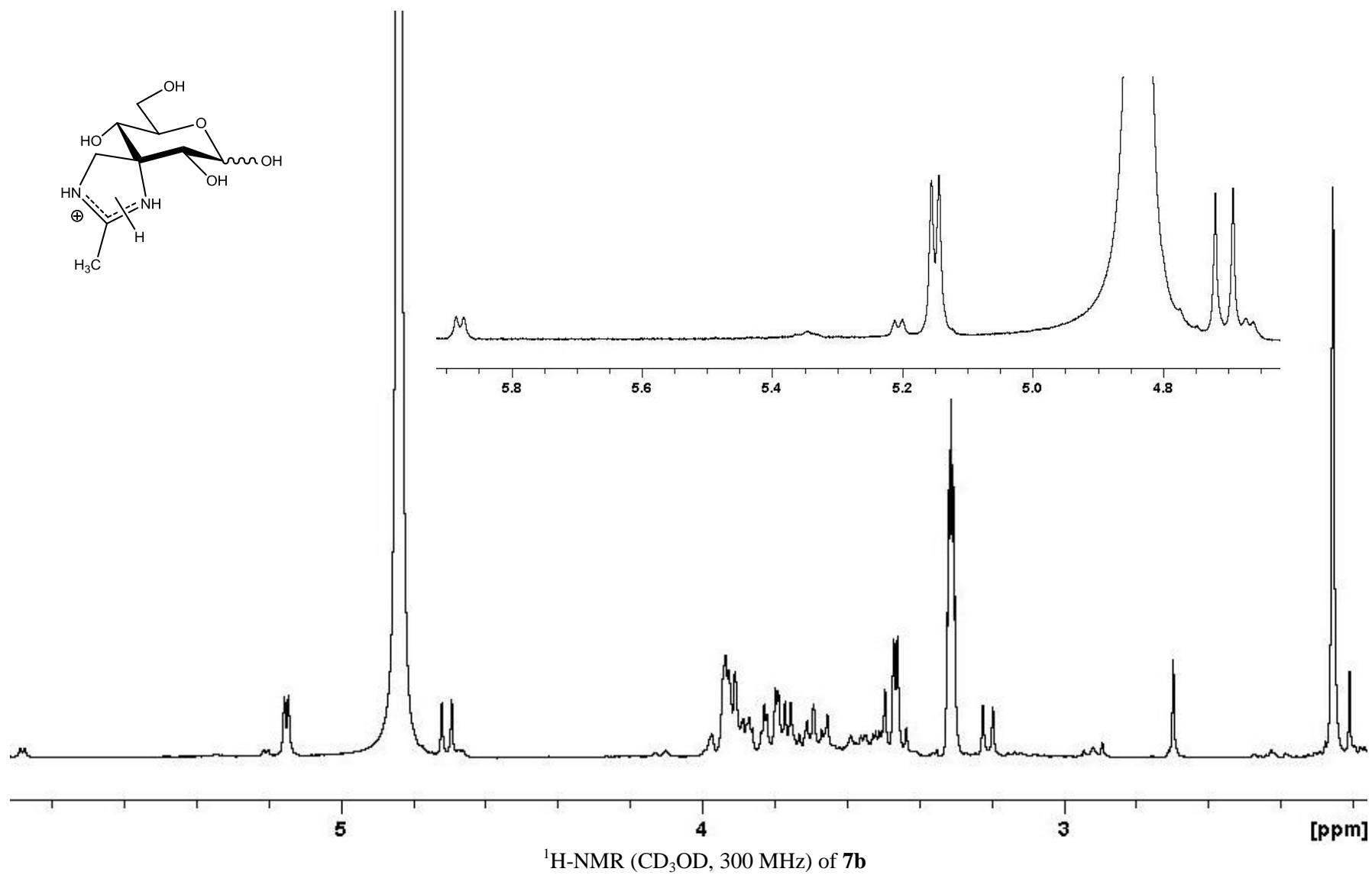
¹³C-NMR (CDCl₃, 75.5 MHz) of **10a**

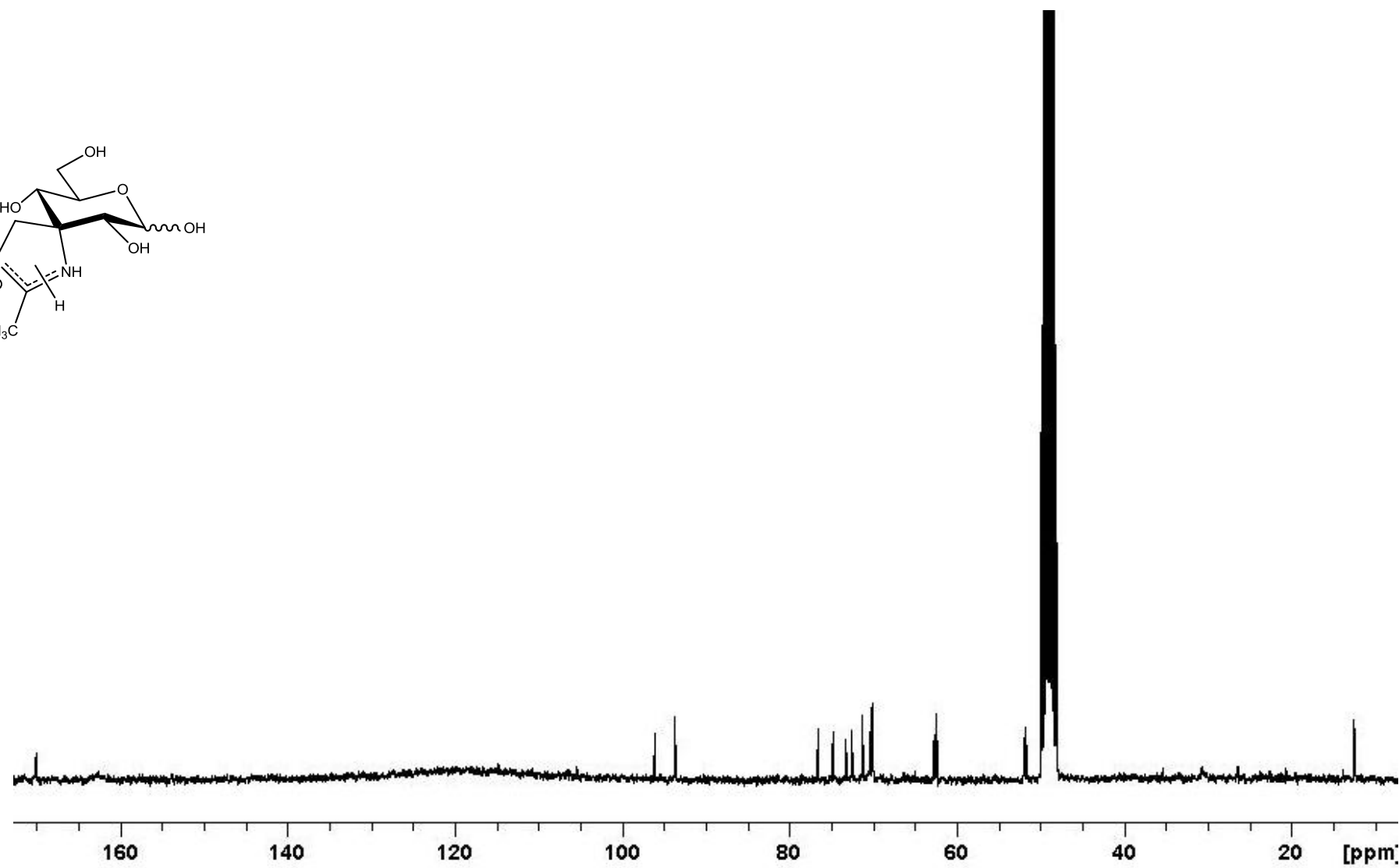
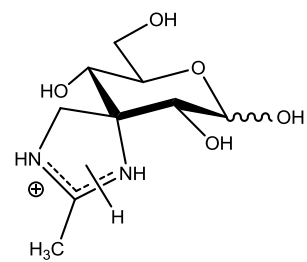


¹H-NMR (CD₃OD, 300 MHz) of **7a**



¹³C-NMR (CD₃OD, 75.5 MHz) of **7a**





^{13}C -NMR (CD_3OD , 75.5 MHz) of **7b**