

Supplementary Material

An alternative stereoselective synthesis of (-)-1-Tetrahydropyrenophorol

Mahesh Madala^{*a,b}, Balamurali Raman^a, K. V. Sastry^c, Sridhar Musulla^{a,b} and Gattu Sridhar^d

^aGVK Biosciences Private Limited, Nacharam, IDA Mallapur, Hyderabad, Telangana 500076

^bDepartment of Chemistry, JNT University, Hyderabad, Telangana 500082, India

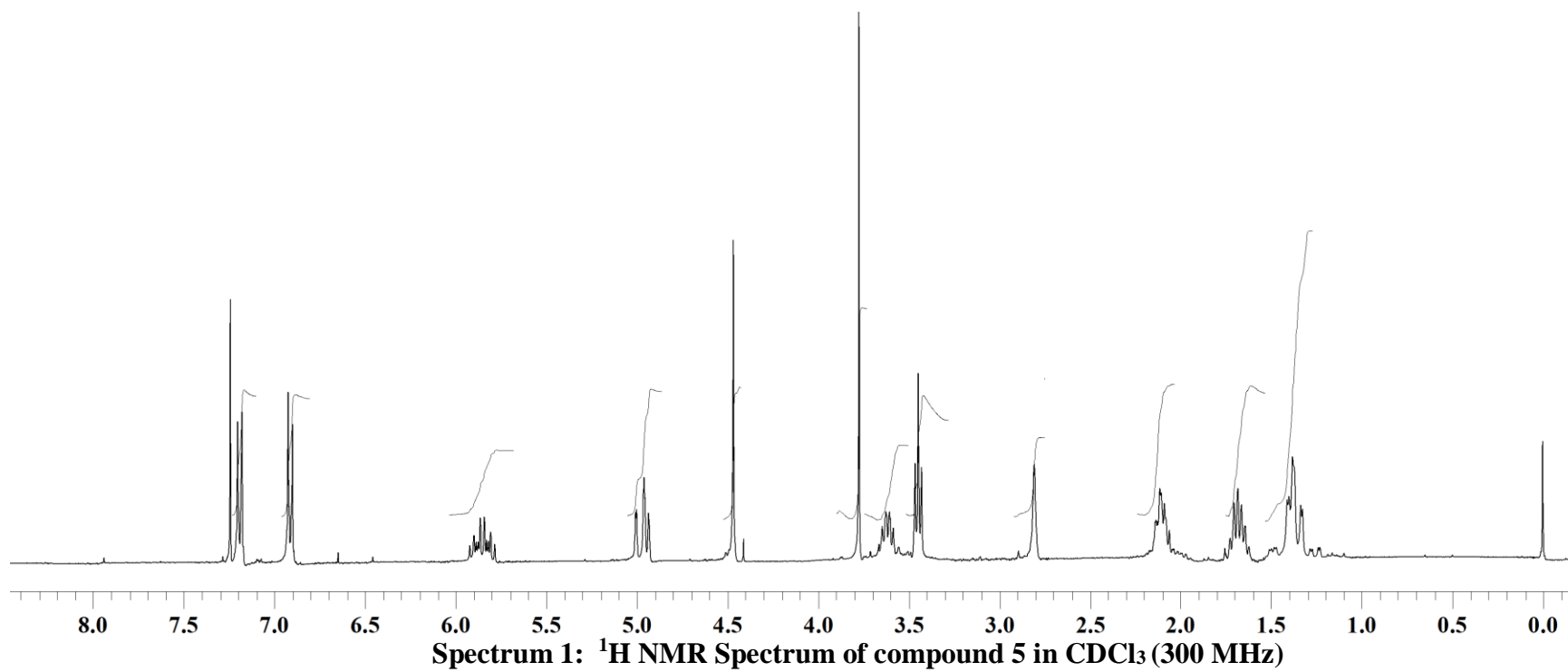
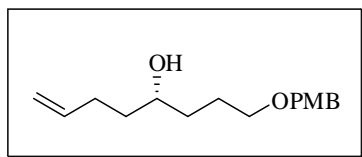
^cTeegala Krishna reddy college of Pharmacy, Medbowli, Meerpet, Saroornagar, Hyderabad, Telangana 500097, India

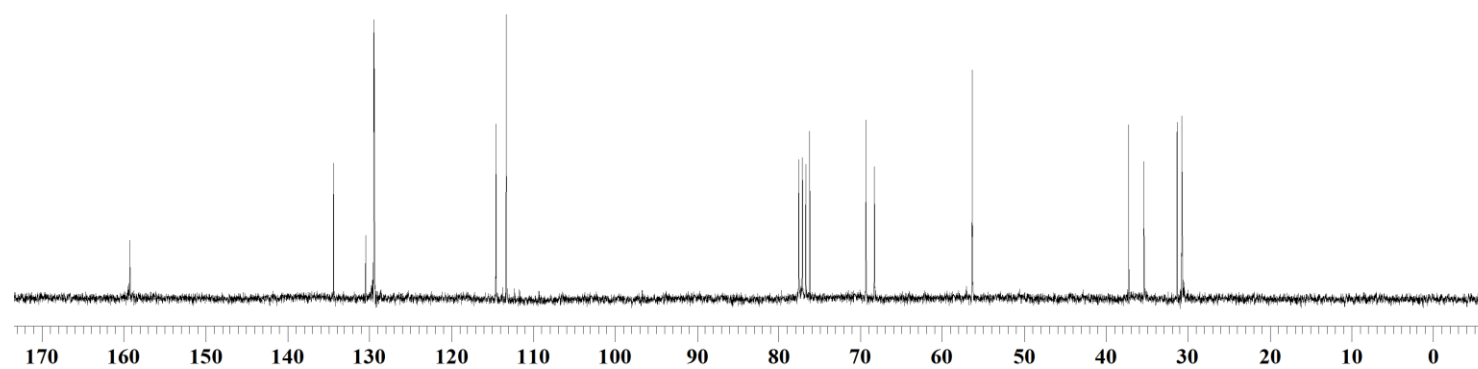
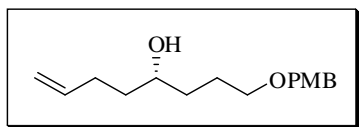
^dOrganic and Biomolecular Chemistry Division, CSIR-Indian Institute of Chemical Technology, Hyderabad, 500107, India

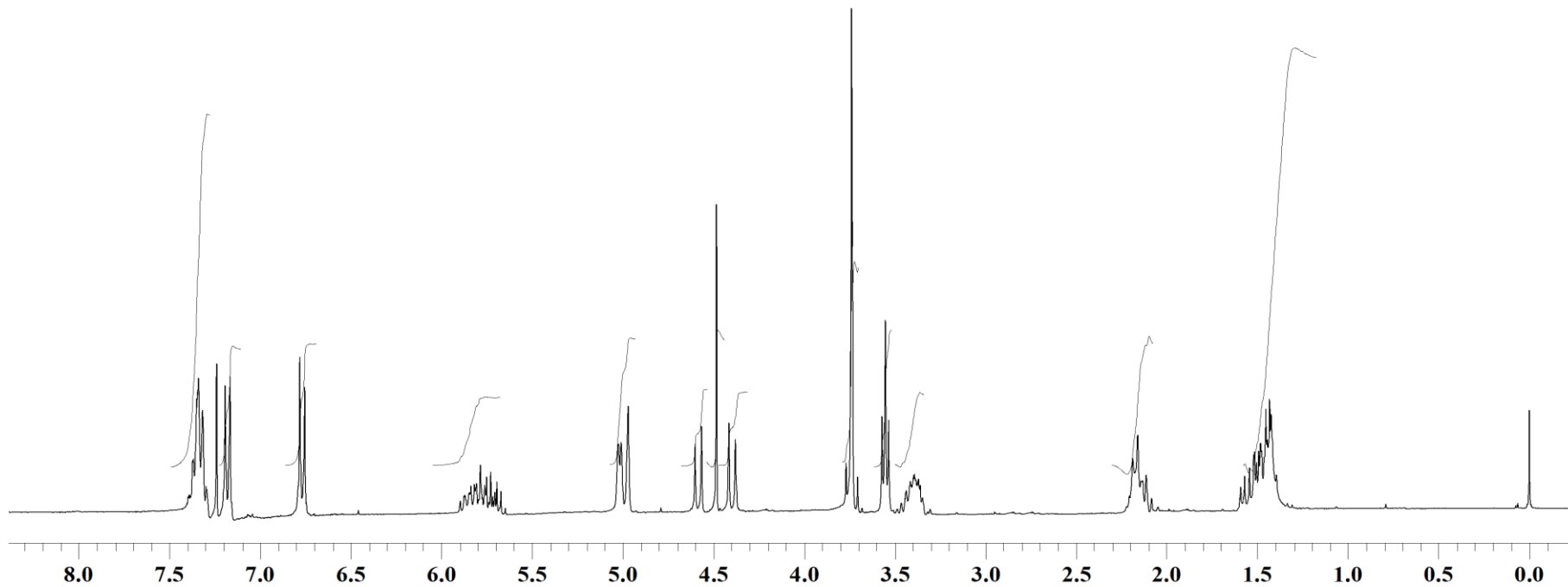
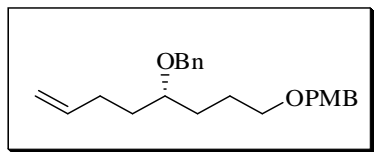
Email: sridhar1org@yahoo.com

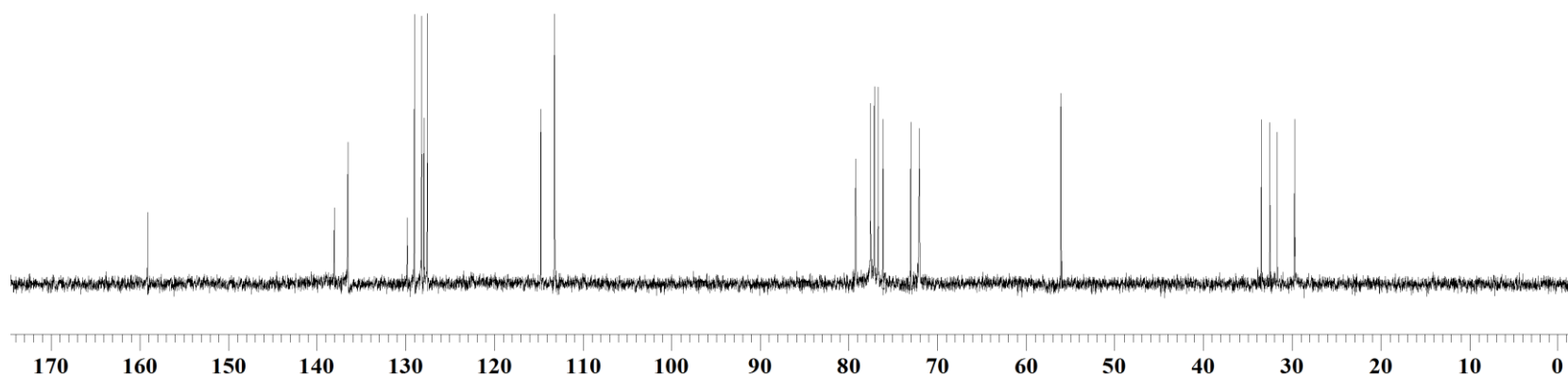
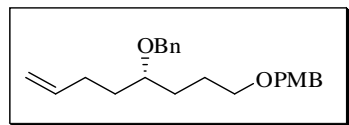
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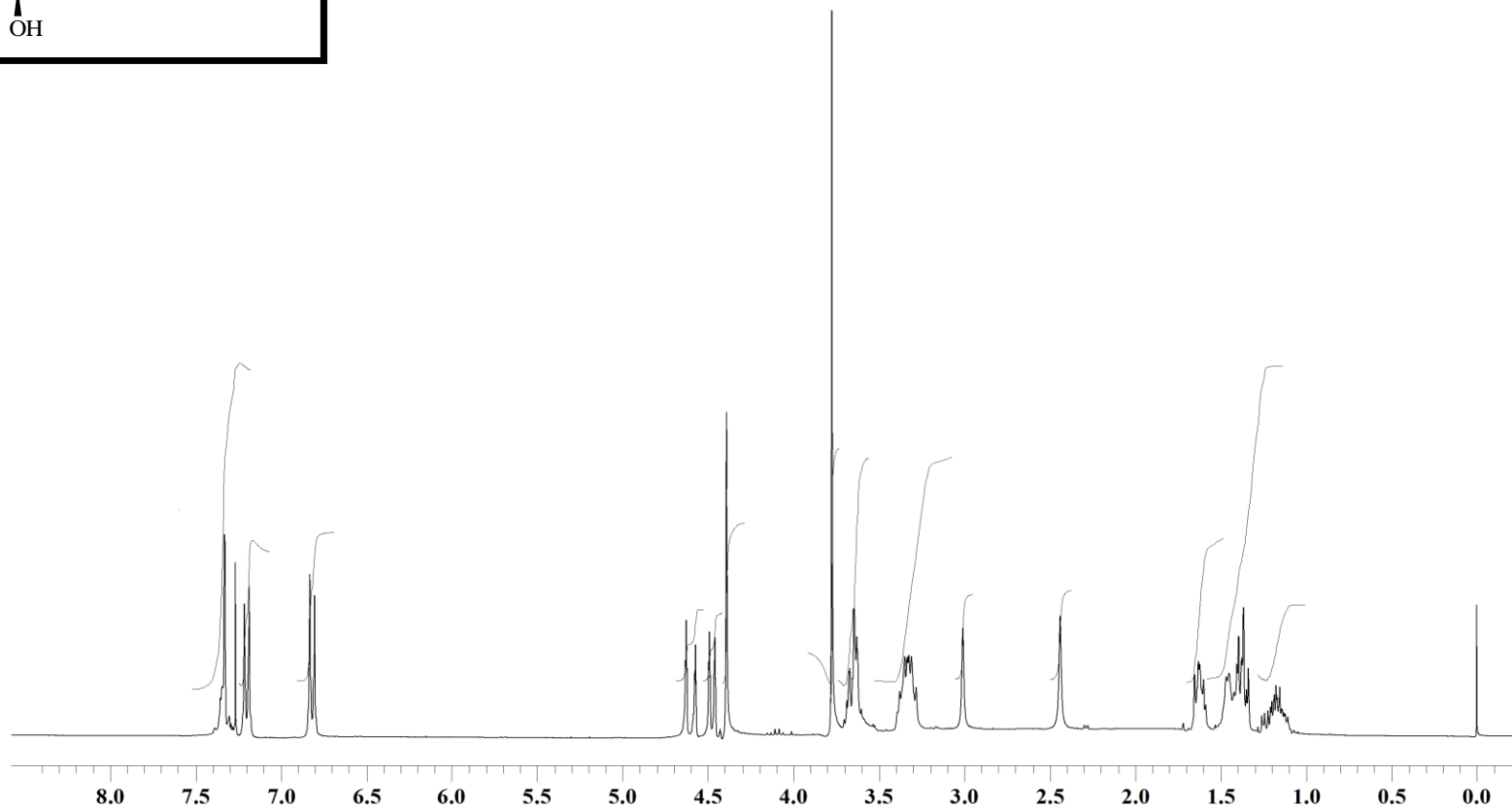
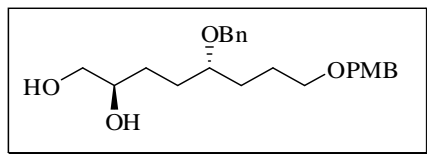


Spectrum 2: ^{13}C NMR Spectrum of compound 5 in CDCl_3 (75 MHz)

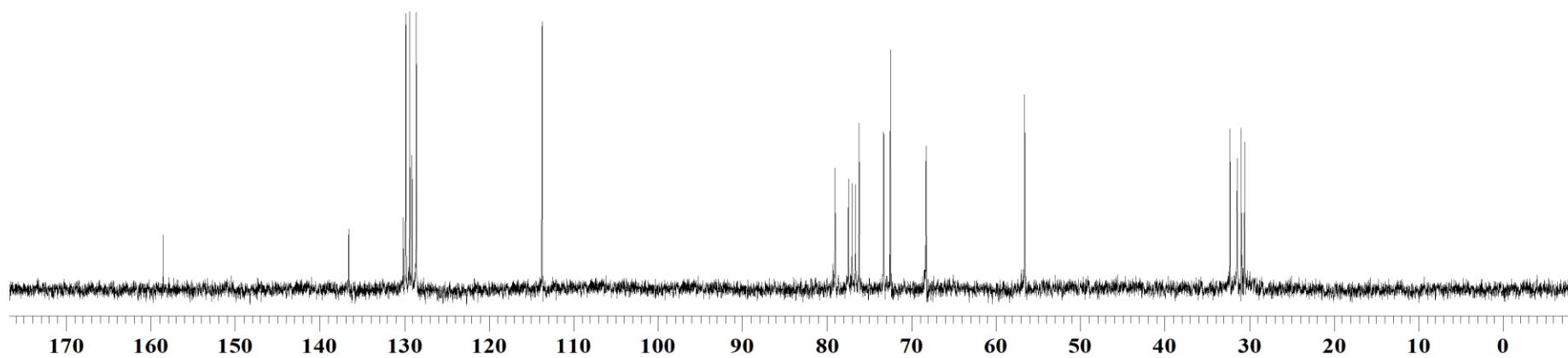
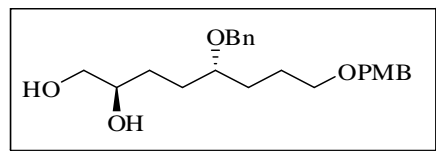
Spectrum 3: ^1H NMR Spectrum of compound 6 in CDCl_3 (300 MHz)



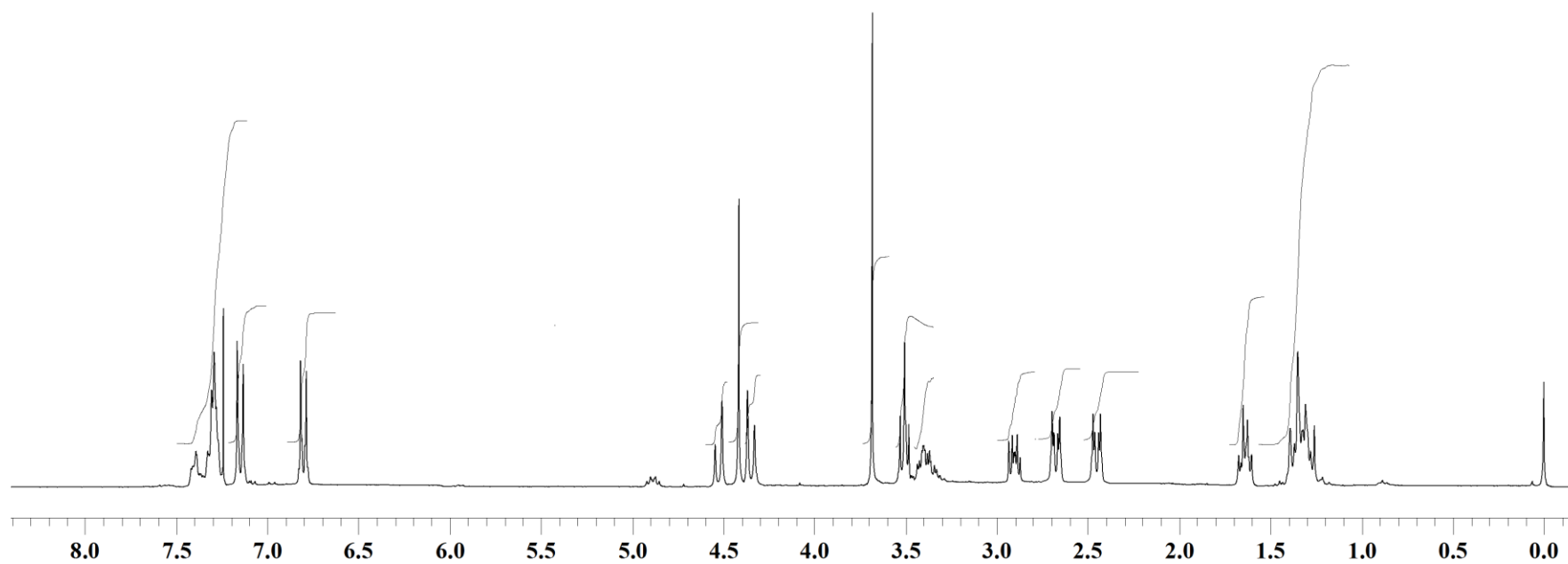
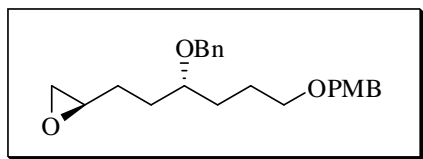
Spectrum 4: ^{13}C NMR Spectrum of compound 6 in CDCl_3 (75 MHz)



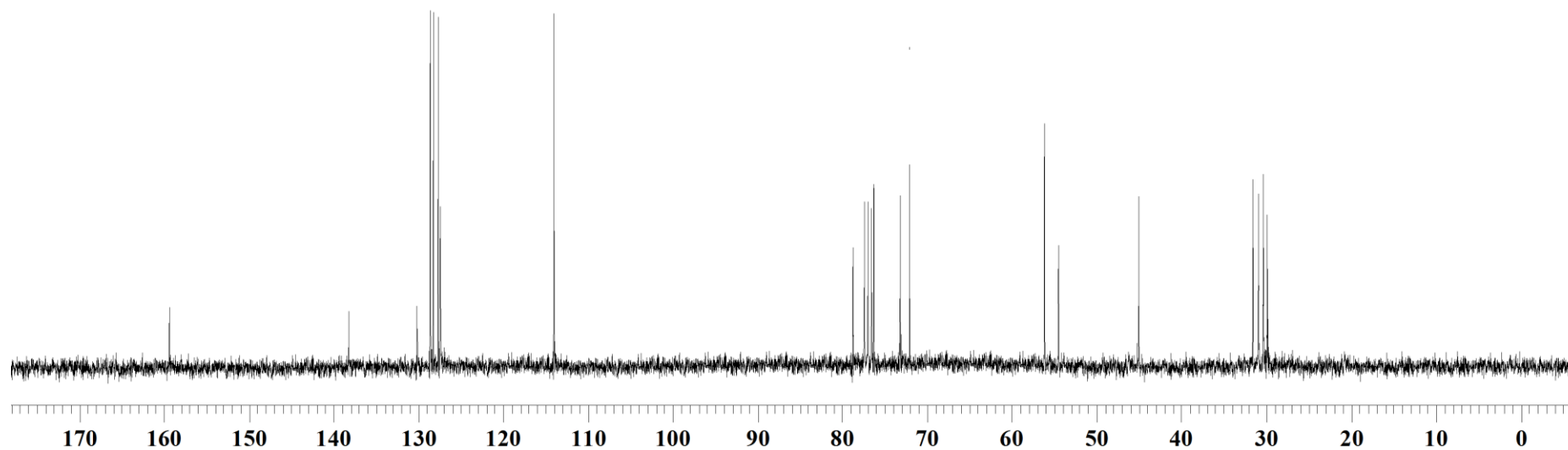
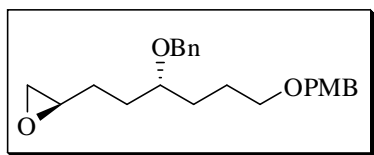
Spectrum 5: ^1H NMR Spectrum of compound 3 in CDCl_3 (300 MHz)

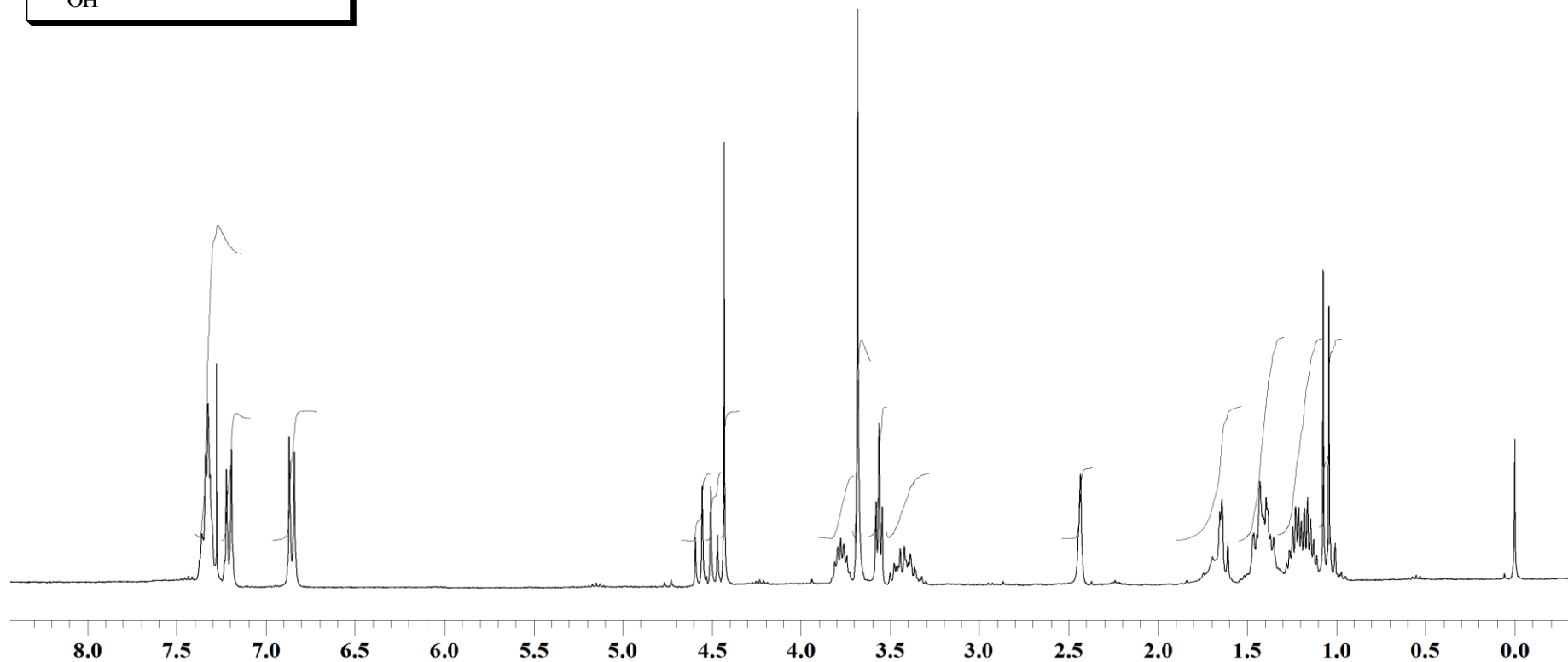
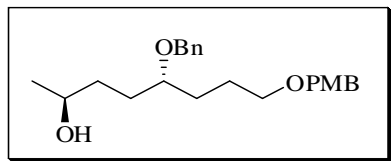


Spectrum 6: ^{13}C NMR Spectrum of compound 3 in CDCl_3 (75 MHz)

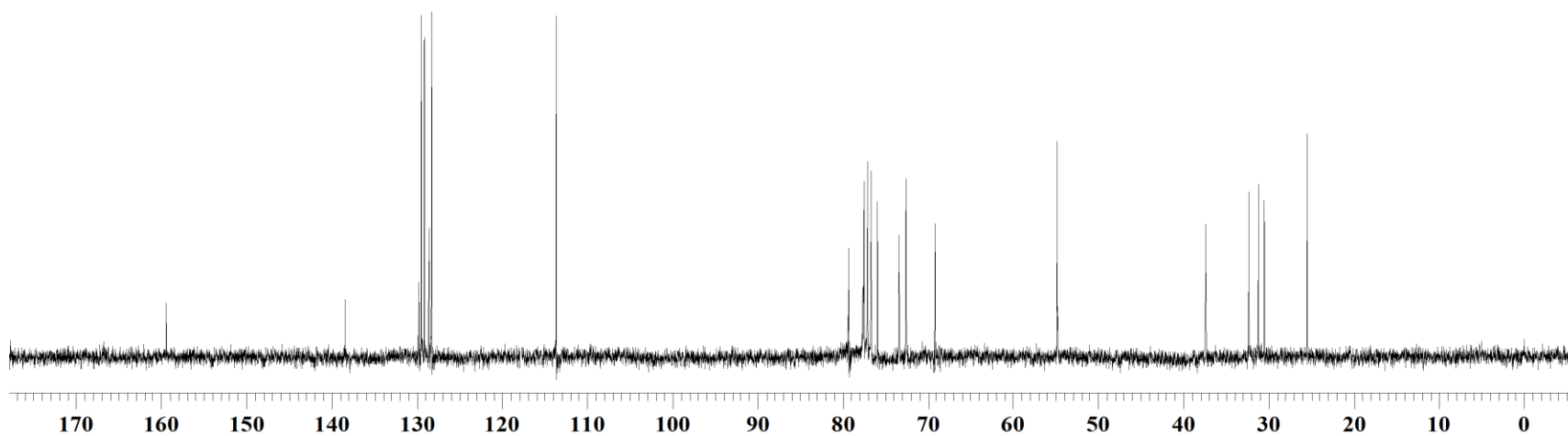
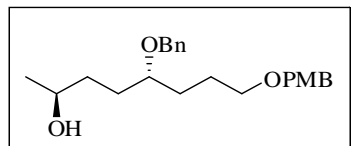


Spectrum 7: ¹H NMR Spectrum of compound 7 in CDCl₃ (300 MHz)

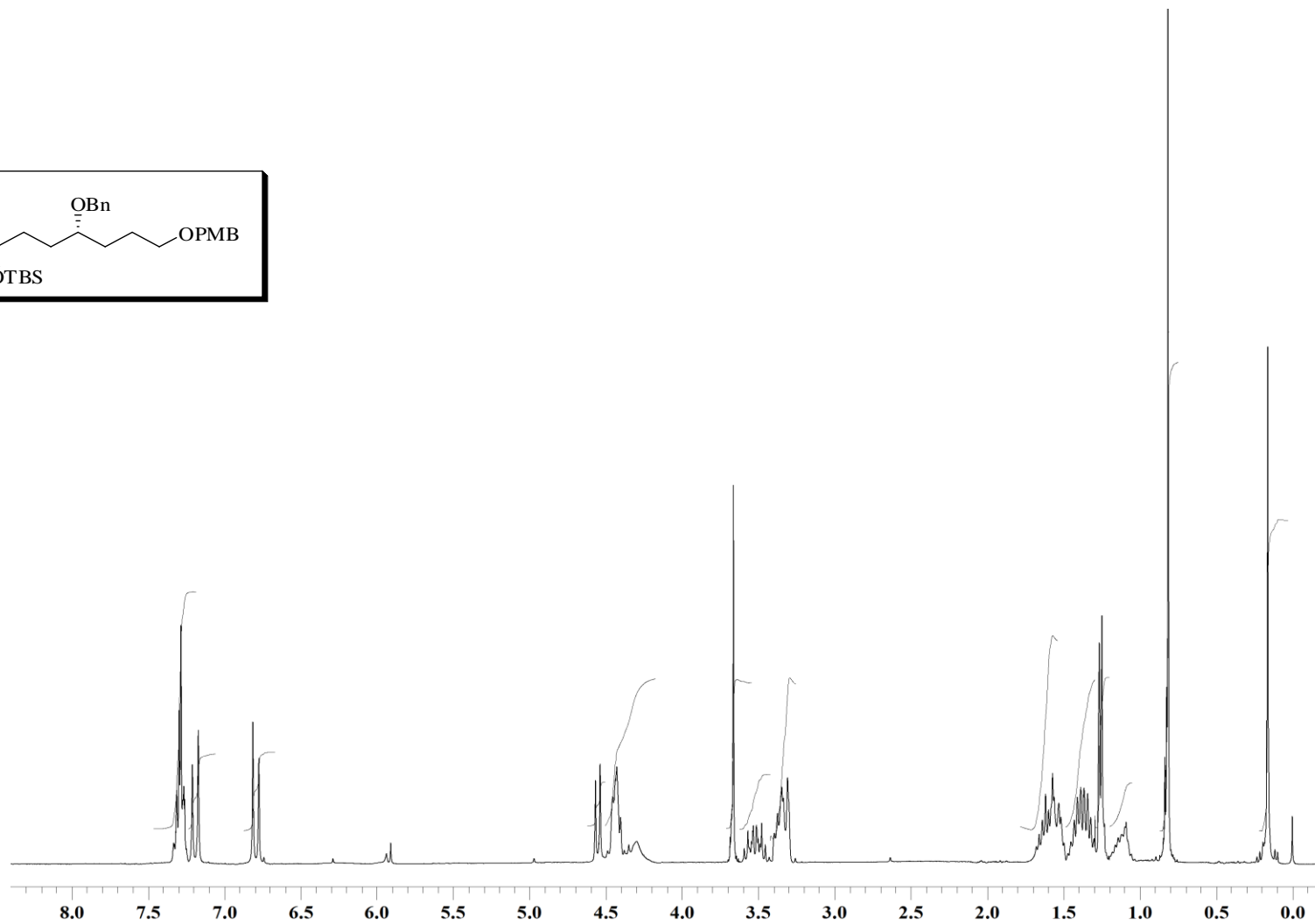
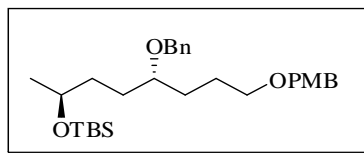
Spectrum 8: ^{13}C NMR Spectrum of compound 7 in CDCl_3 (75 MHz)



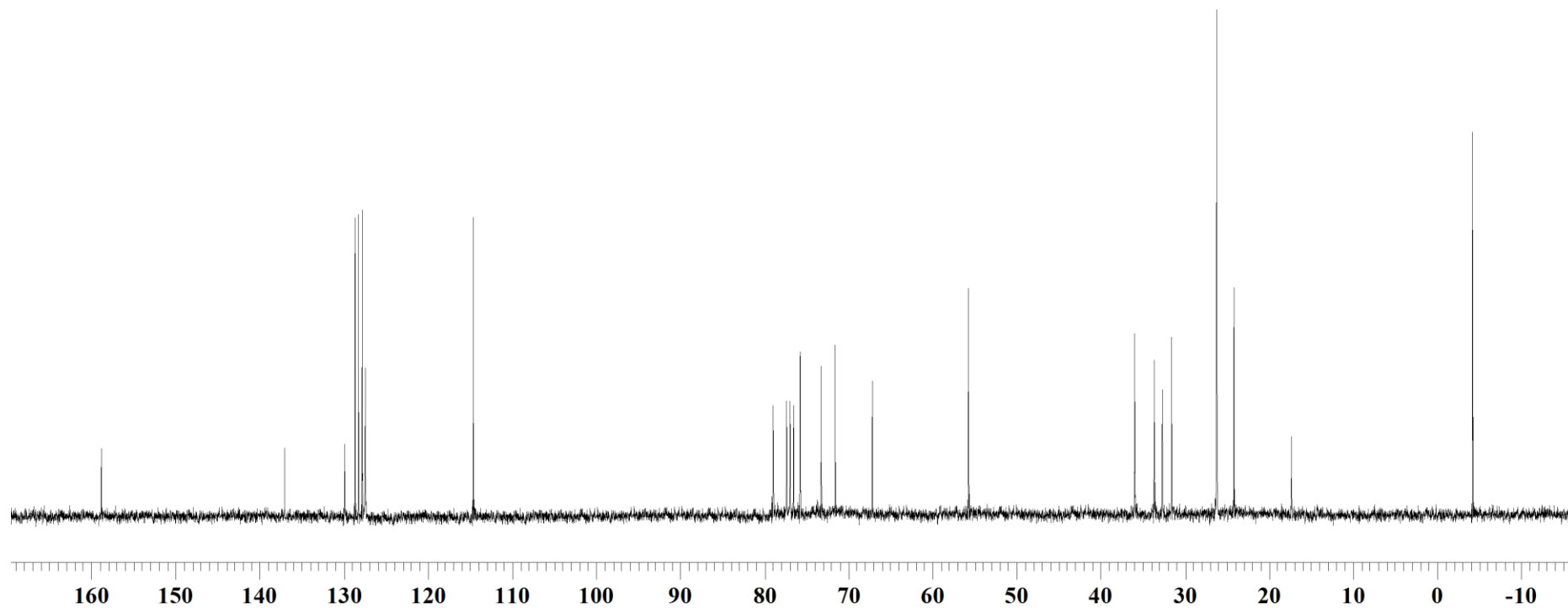
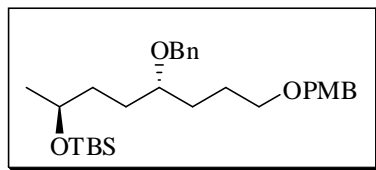
Spectrum 9: ^1H NMR Spectrum of compound 8 in CDCl_3 (300 MHz)



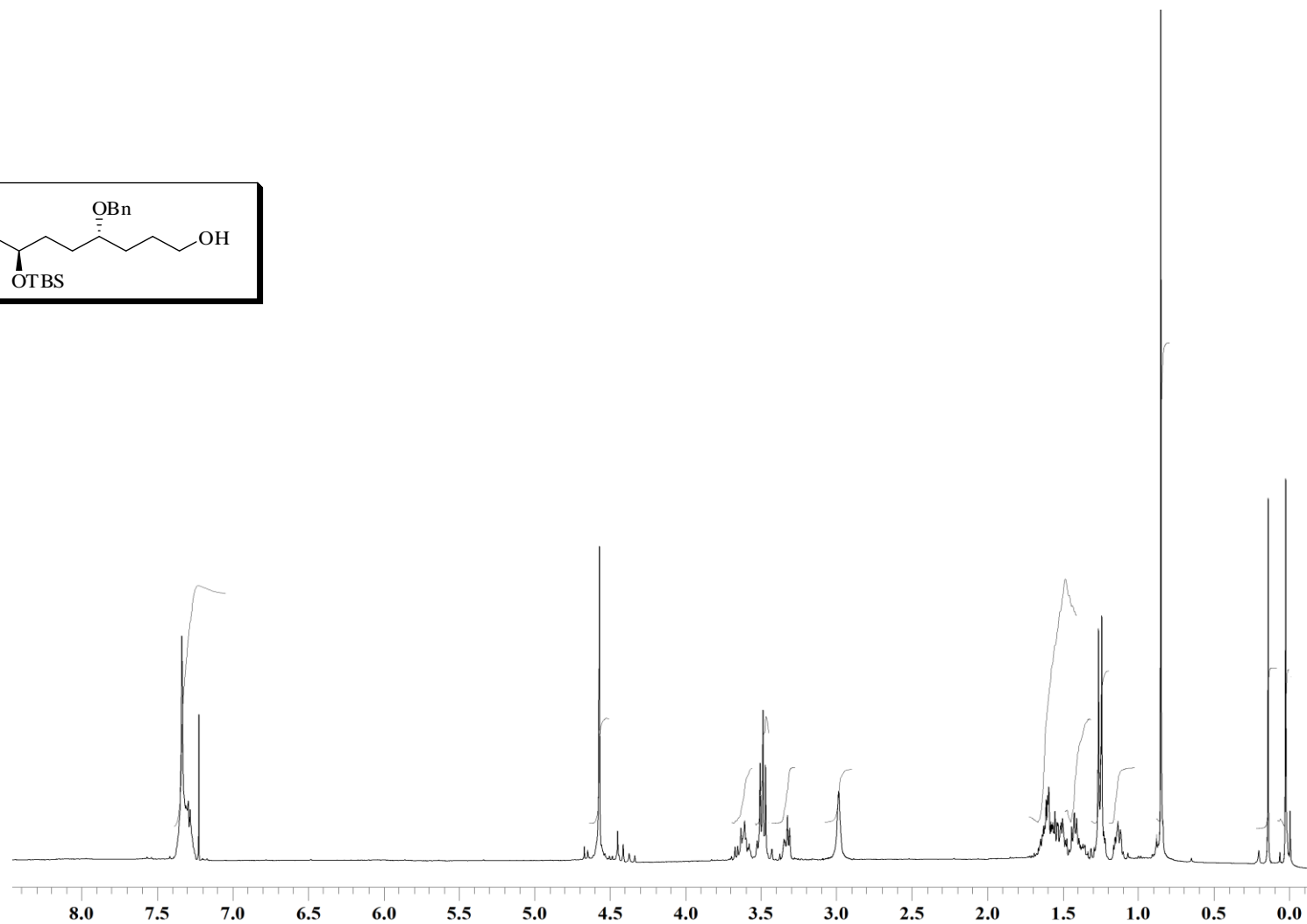
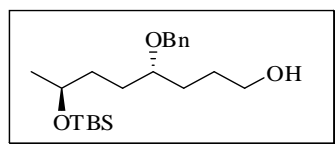
Spectrum 10: ¹³C NMR Spectrum of compound 8 in CDCl₃ (75 MHz)



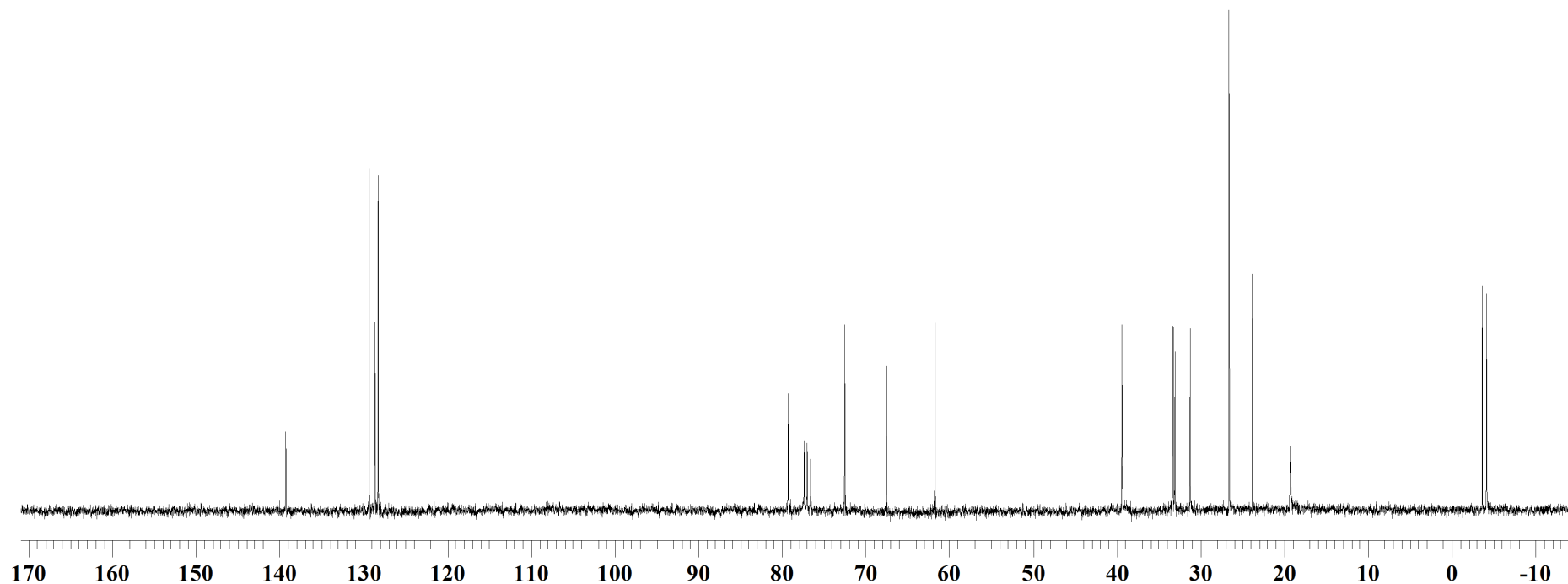
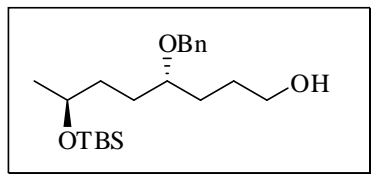
Spectrum 11: ^1H NMR Spectrum of compound 9 in CDCl_3 (300 MHz)



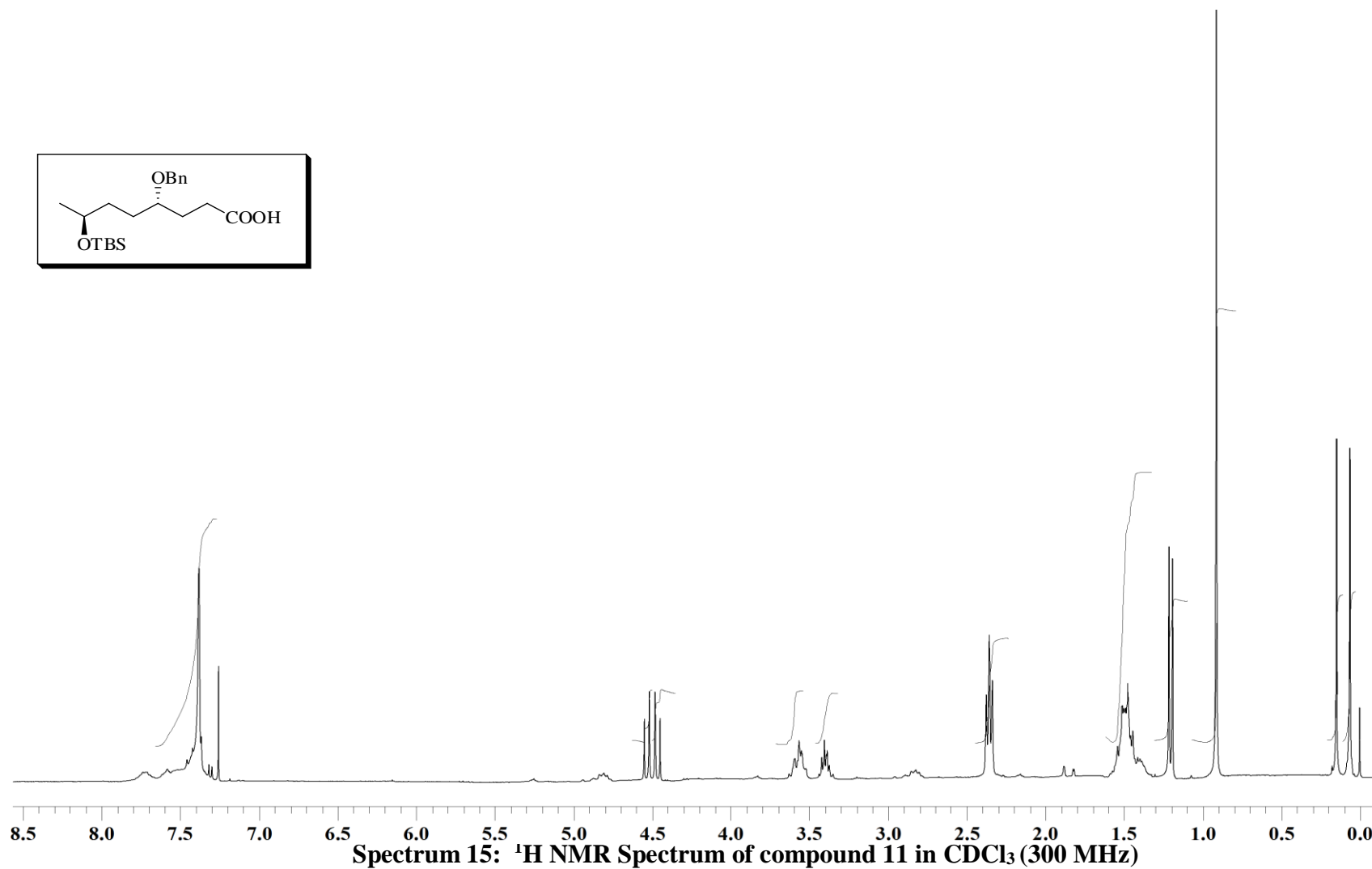
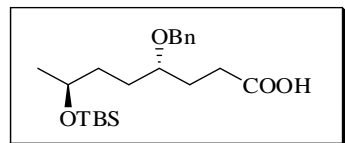
Spectrum 12: ^{13}C NMR Spectrum of compound 9 in CDCl_3 (75 MHz)

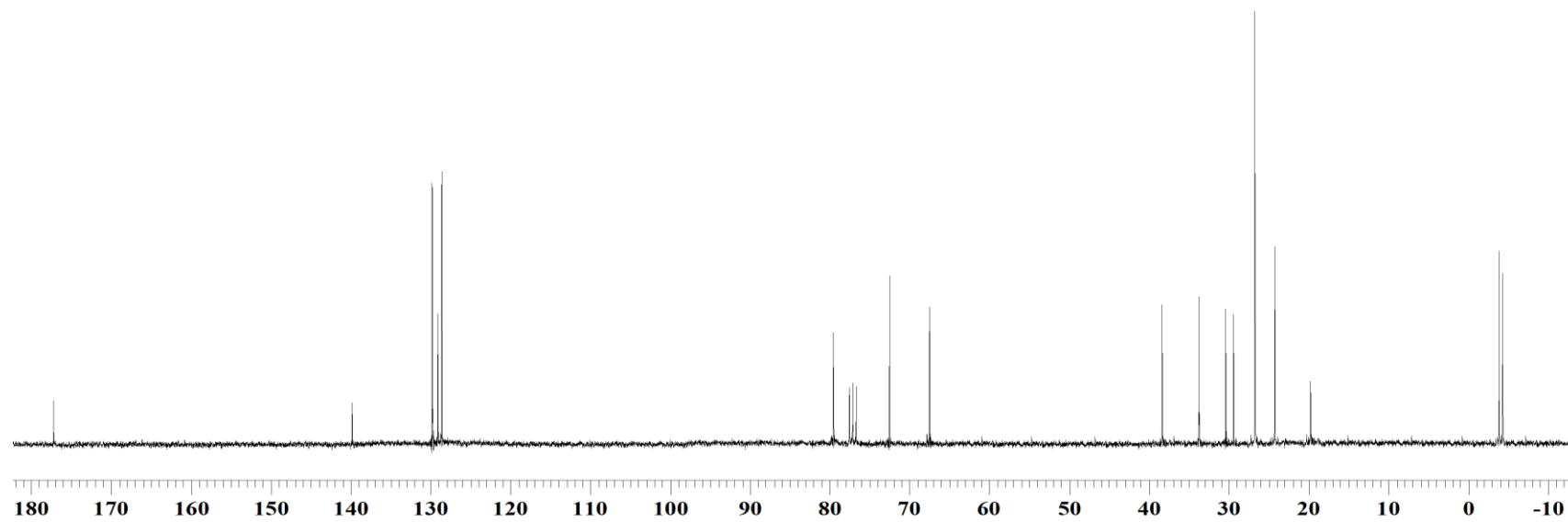
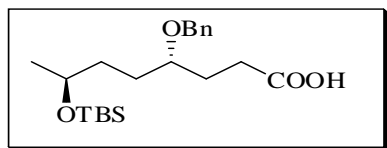


Spectrum 13: ^1H NMR Spectrum of compound 10 in CDCl_3 (300 MHz)

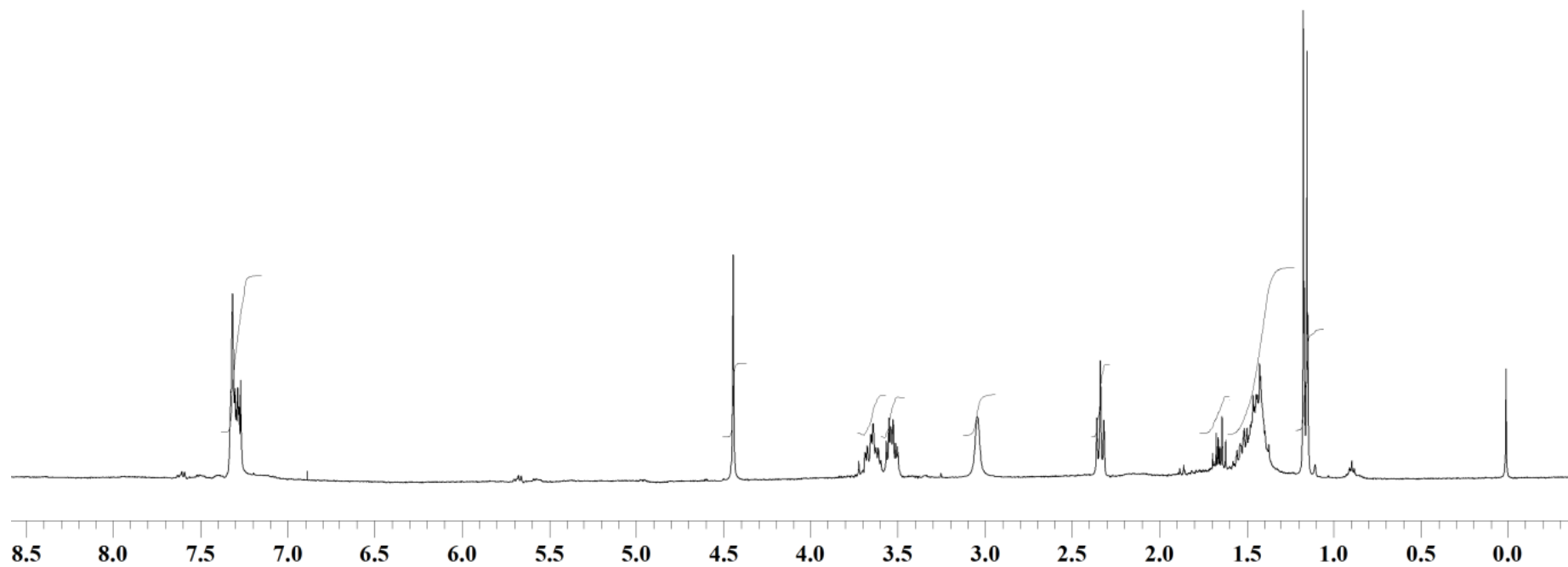
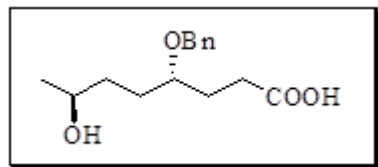


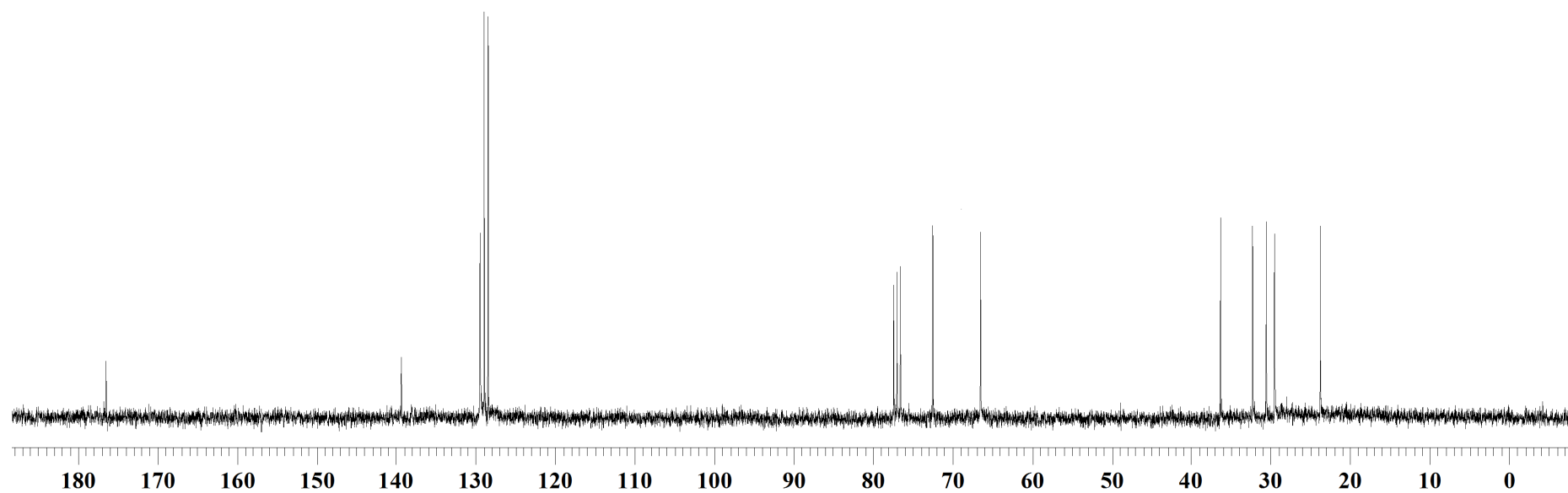
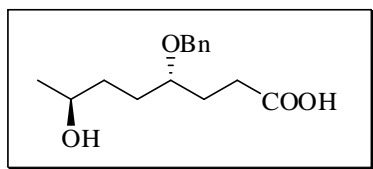
Spectrum 14: ^{13}C NMR Spectrum of compound 10 in CDCl_3 (75 MHz)



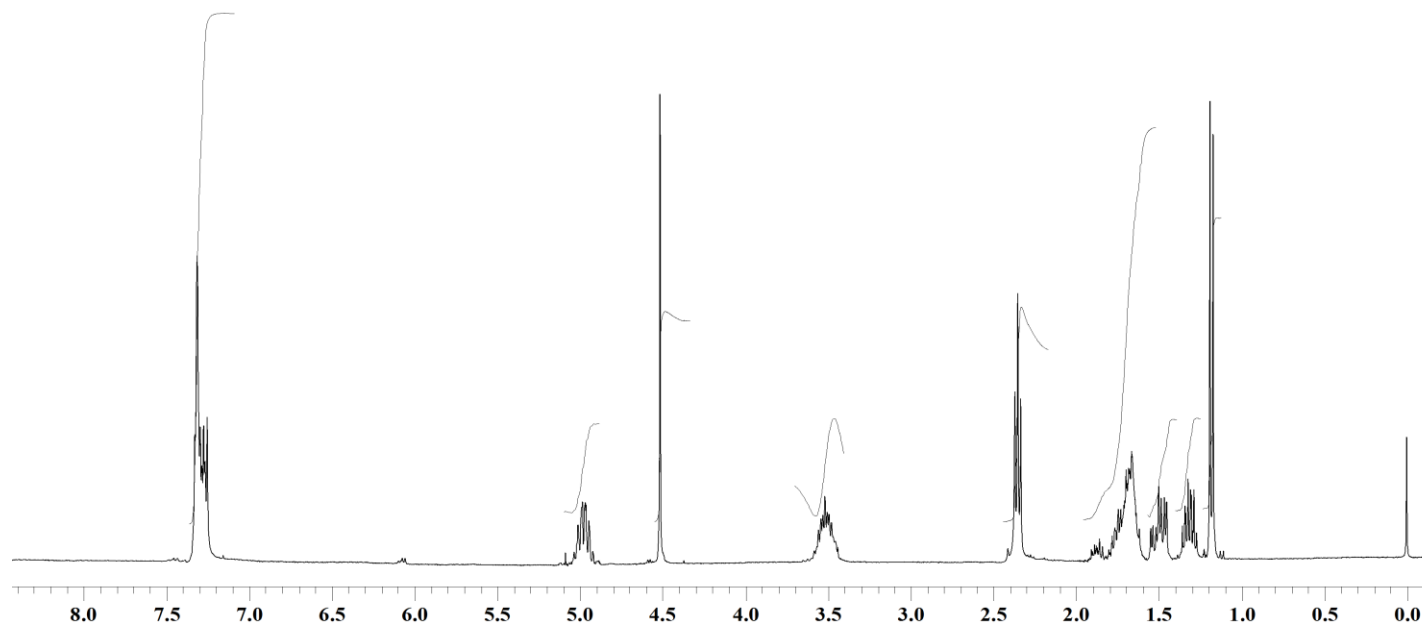
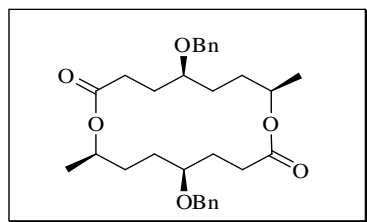


Spectrum 16: ^{13}C NMR Spectrum of compound 11 in CDCl_3 (75 MHz)

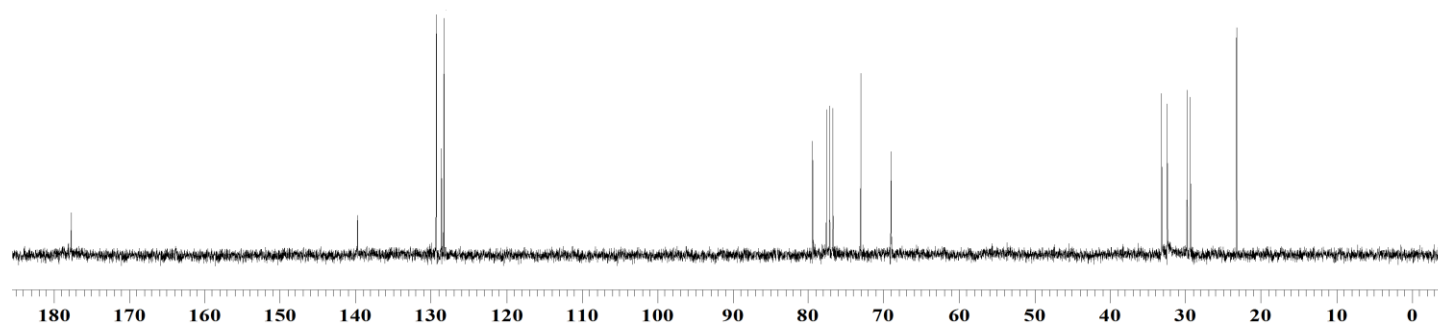
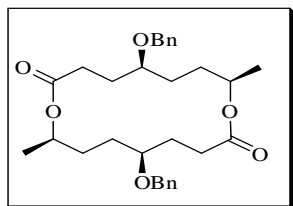
Spectrum 17: ^1H NMR Spectrum of compound 2 in CDCl_3 (300 MHz)



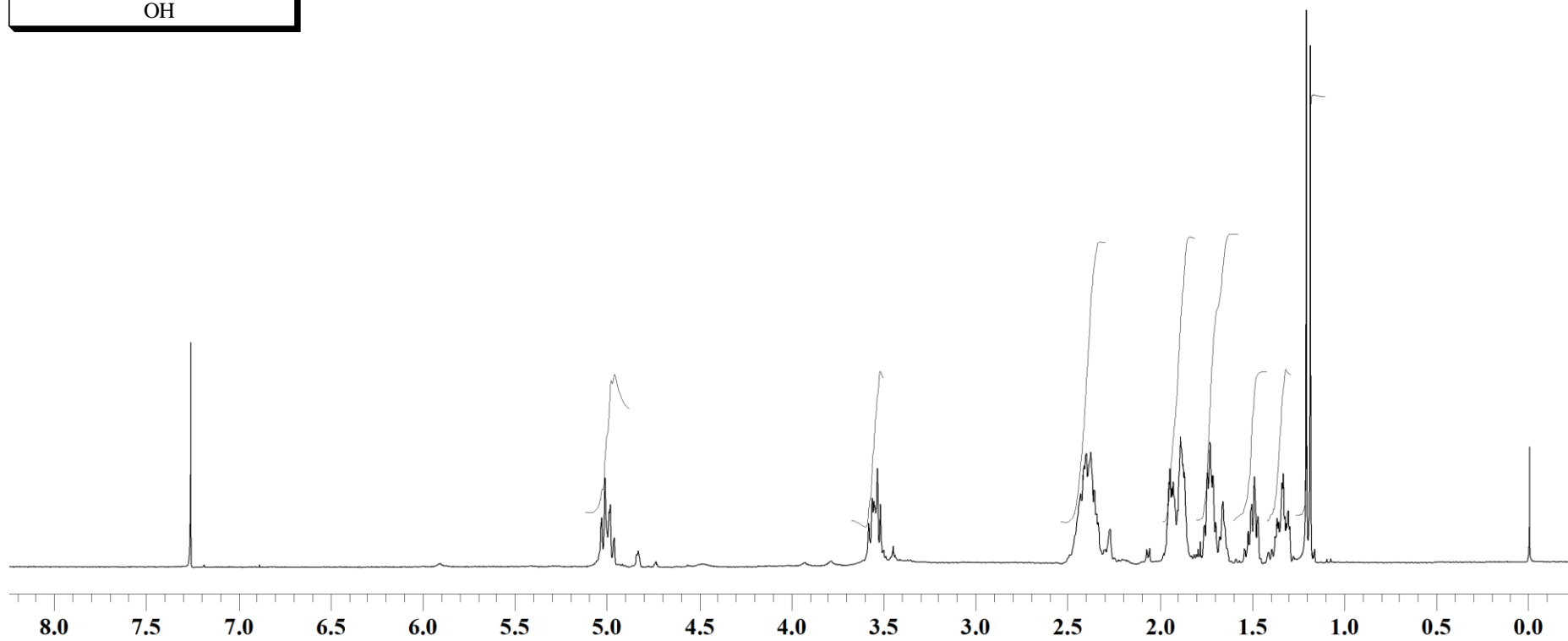
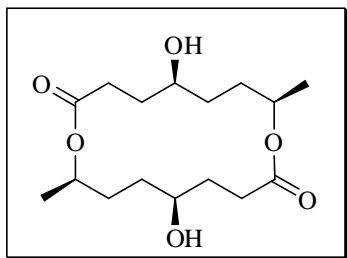
Spectrum 18: ^{13}C NMR Spectrum of compound 2 in CDCl_3 (75 MHz)



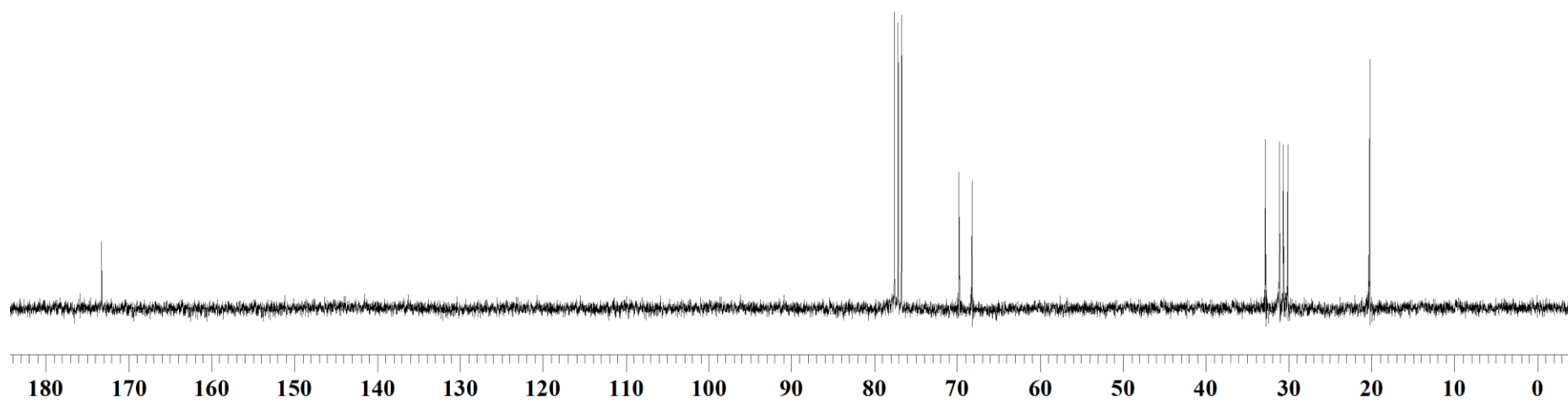
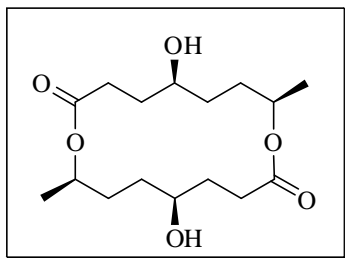
Spectrum 19: ¹H NMR Spectrum of compound 12 in CDCl₃ (300 MHz)



Spectrum 20: ¹³C NMR Spectrum of compound 12 in CDCl₃ (75 MHz)



Spectrum 21: ¹H NMR Spectrum of compound 1 in CDCl₃ (300 MHz)



Spectrum 22: ¹³C NMR Spectrum of compound 1 in CDCl₃ (75 MHz)