

Supplementary Material

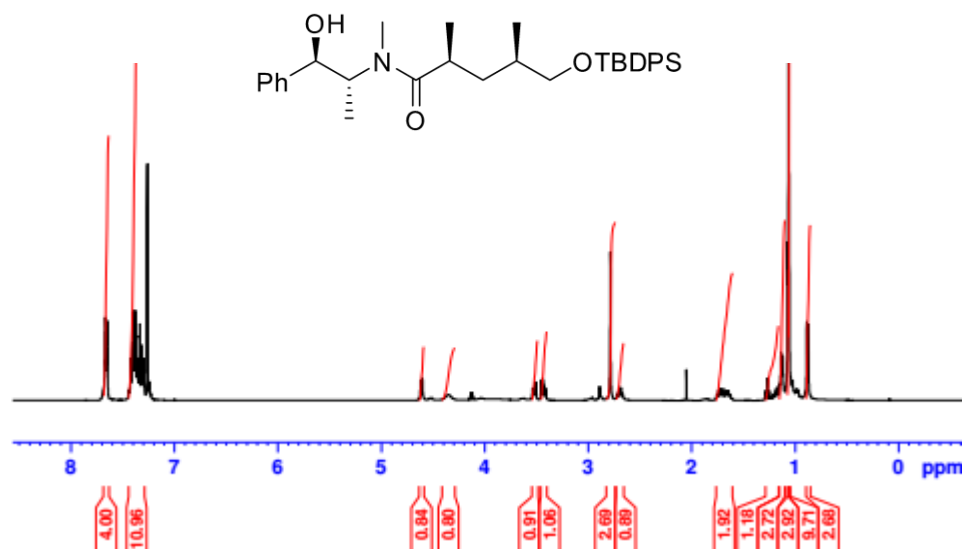
Stereoselective synthesis of fully functionalized acyclic core of Tianchimycin A

Vanipenta Yamini, Subhash Ghosh[□]

*OBC Divison, CSIR-Indian Institute of Chemical Technology,
Hyderabad 500007, India
Email: subhash@iict.res.in*

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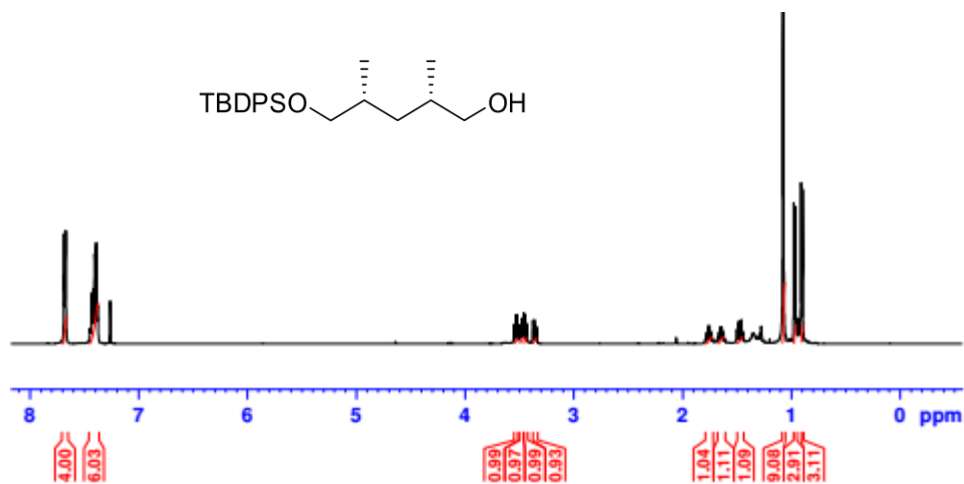
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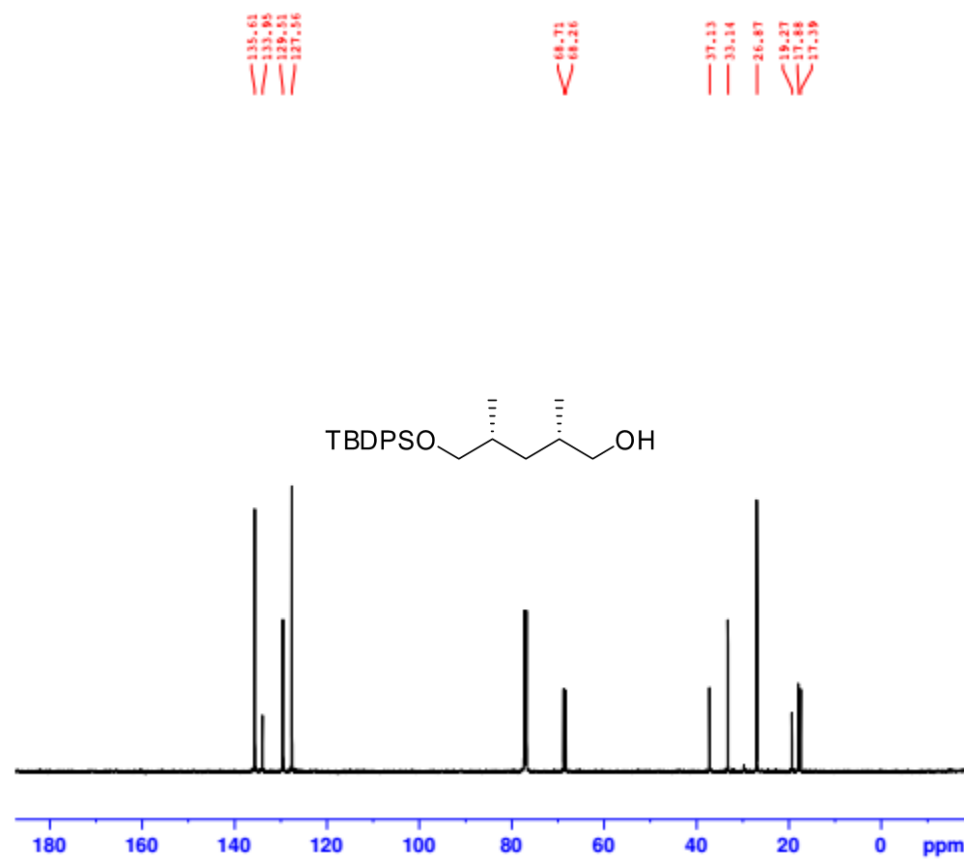
¹H NMR spectrum of 10 (CDCl₃, 400 MHz)



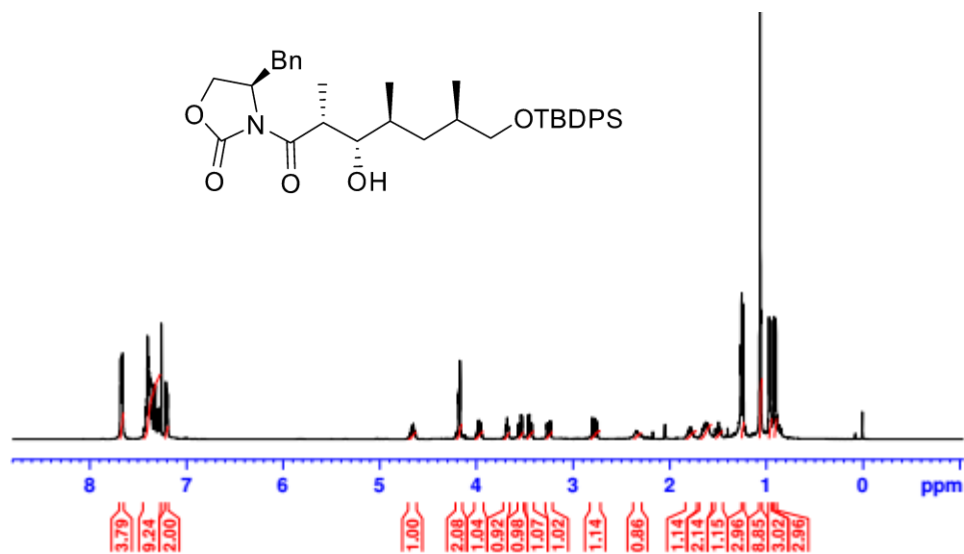
¹³C NMR spectrum of 10 (CDCl₃, 100 MHz)



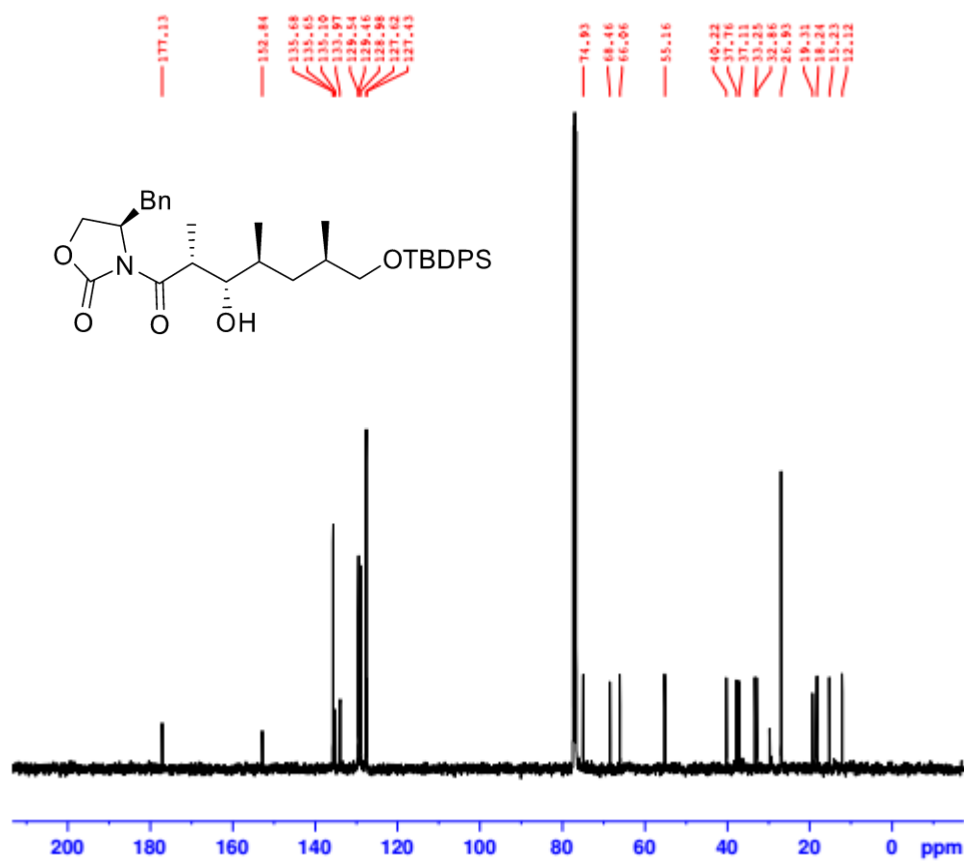
^1H NMR spectrum of 6 (CDCl_3 , 500 MHz)



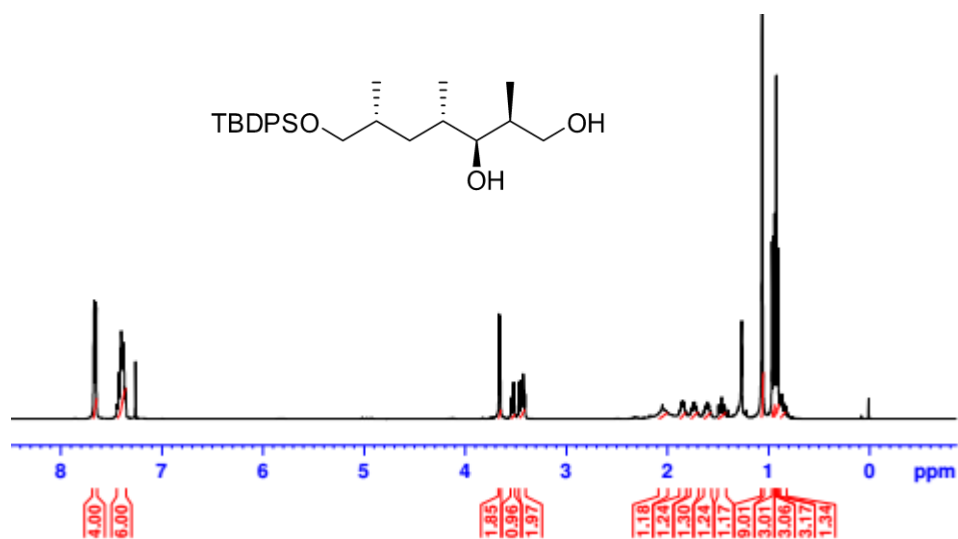
^{13}C NMR spectrum of 6 (CDCl_3 , 125 MHz)



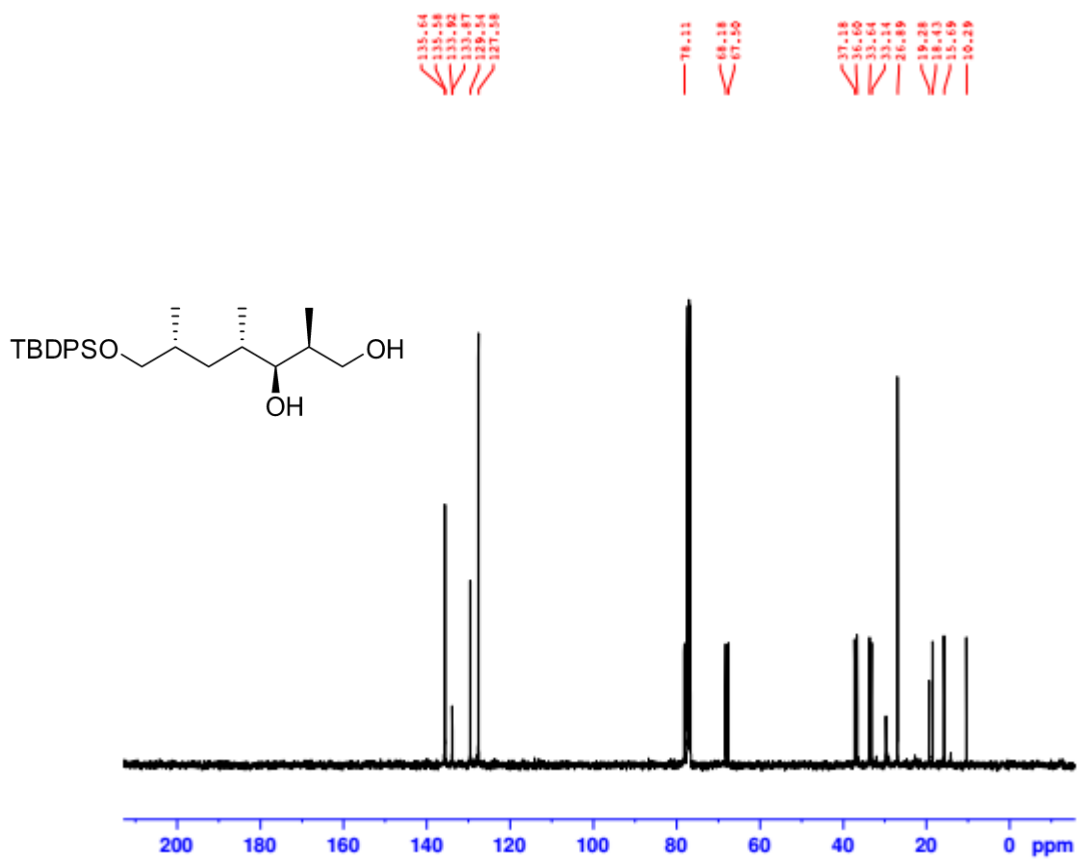
¹H NMR spectrum of 12 (CDCl₃, 400 MHz)



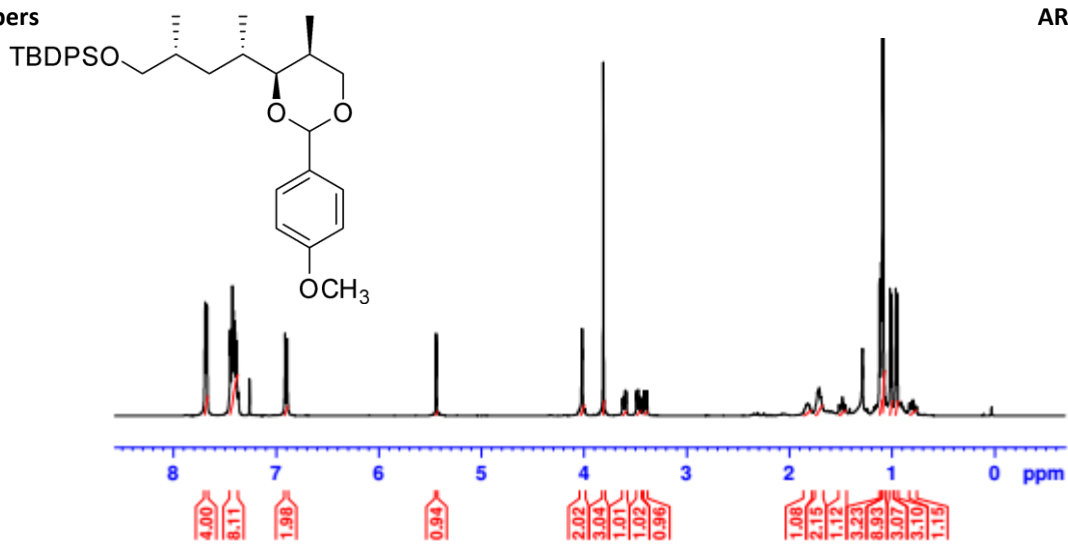
¹³C NMR spectrum of 12 (CDCl₃, 100 MHz)



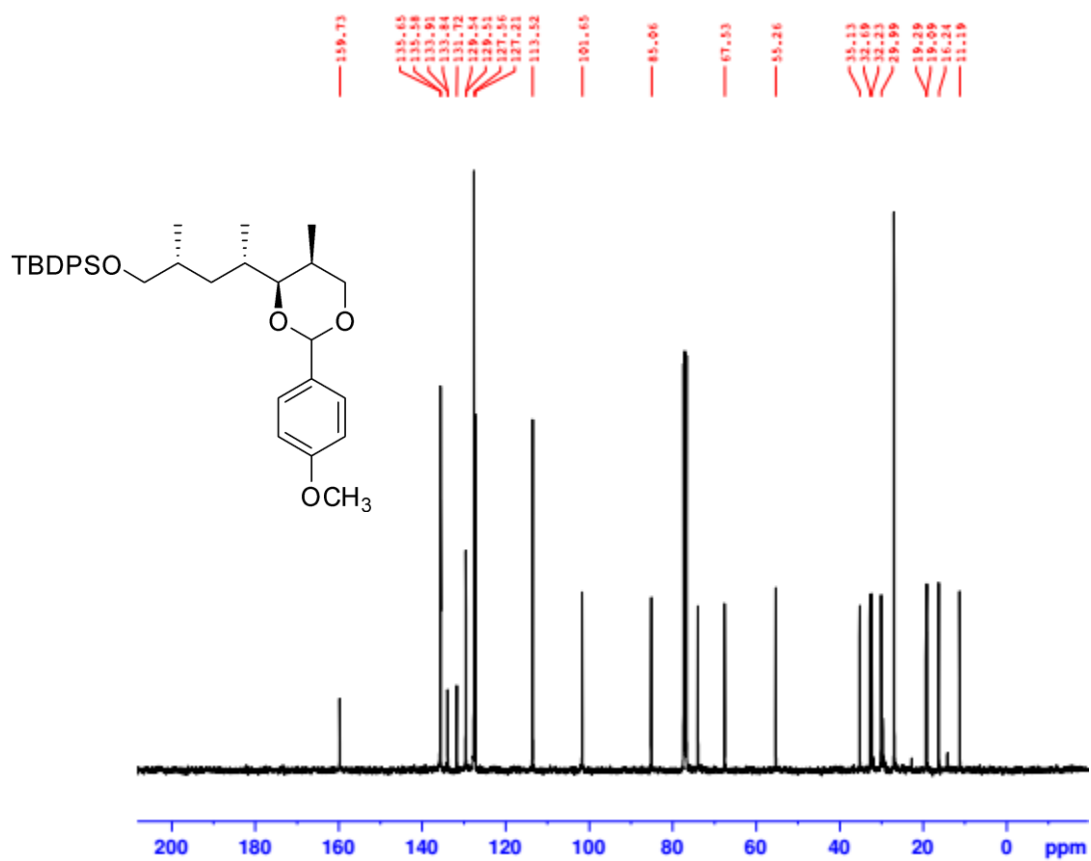
¹H NMR spectrum of 13 (CDCl₃, 400 MHz)



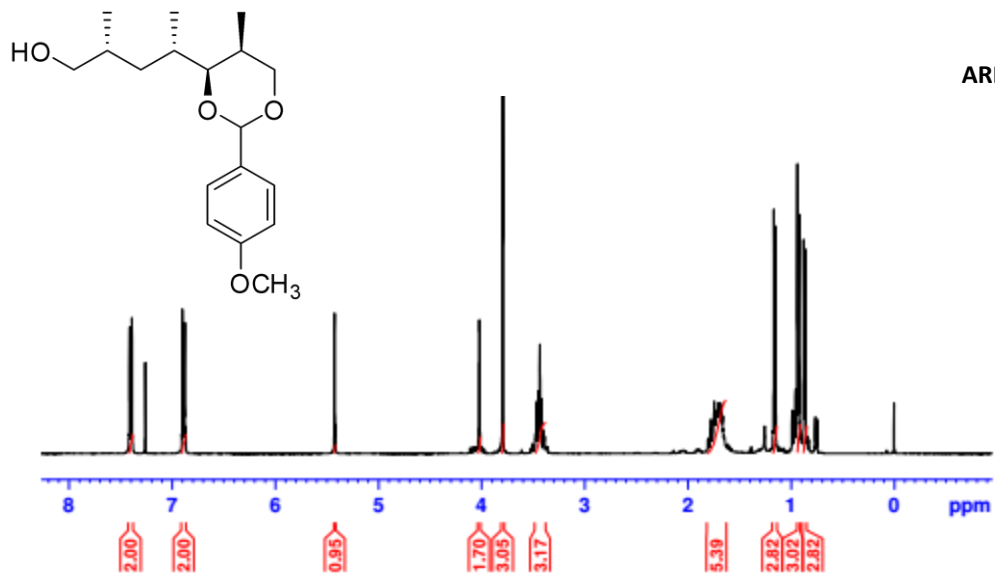
¹³C NMR spectrum of 13 (CDCl₃, 100 MHz)



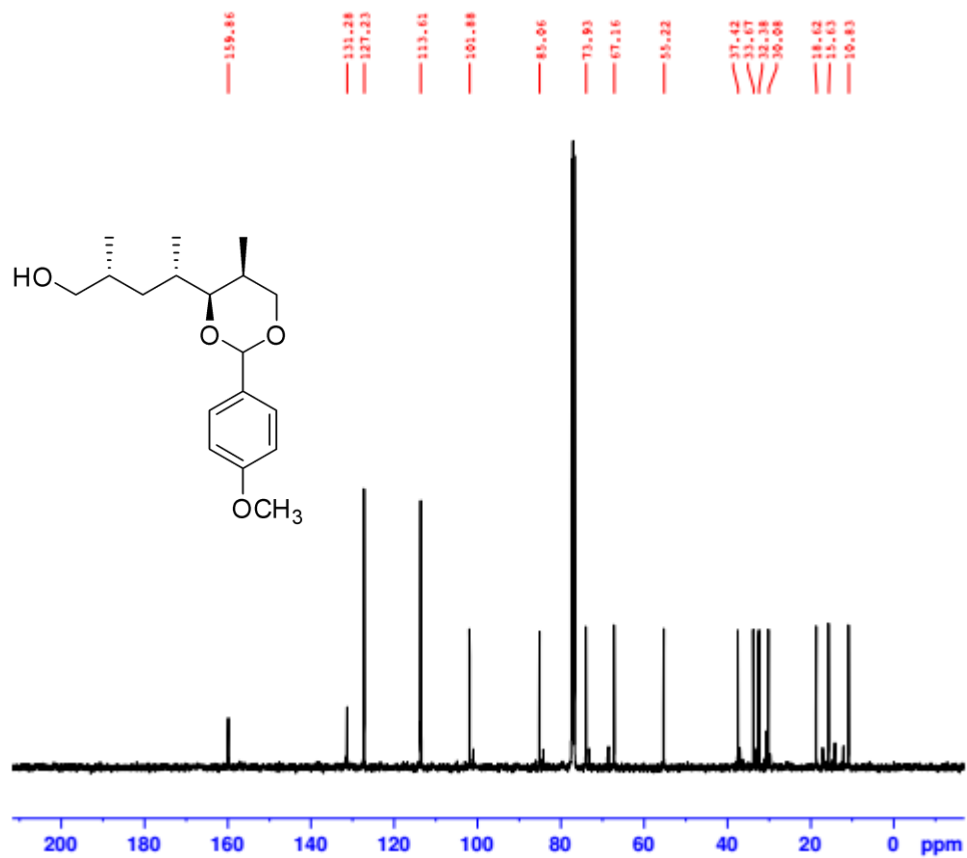
¹H NMR spectrum of 14 (CDCl₃, 400 MHz)



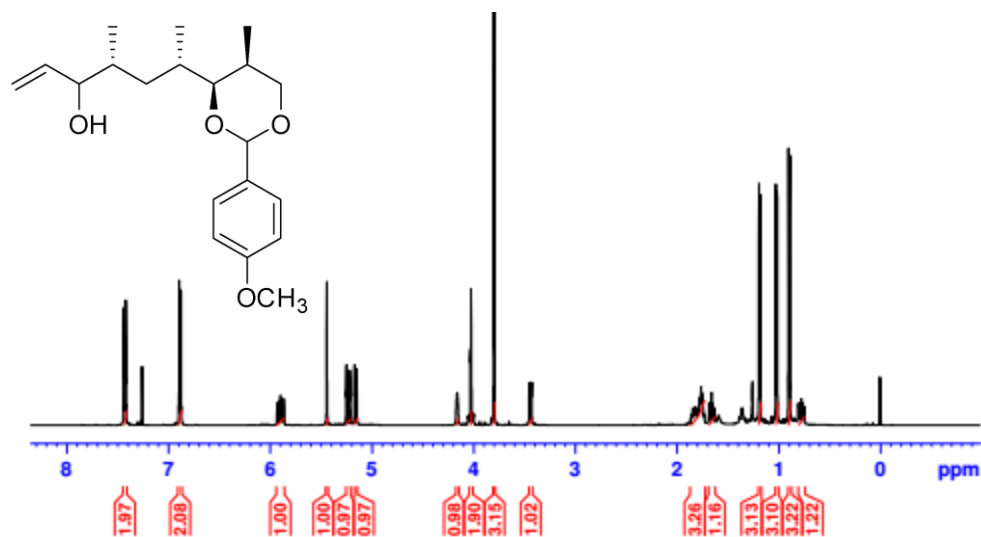
¹³C NMR spectrum of 14 (CDCl₃, 100 MHz)



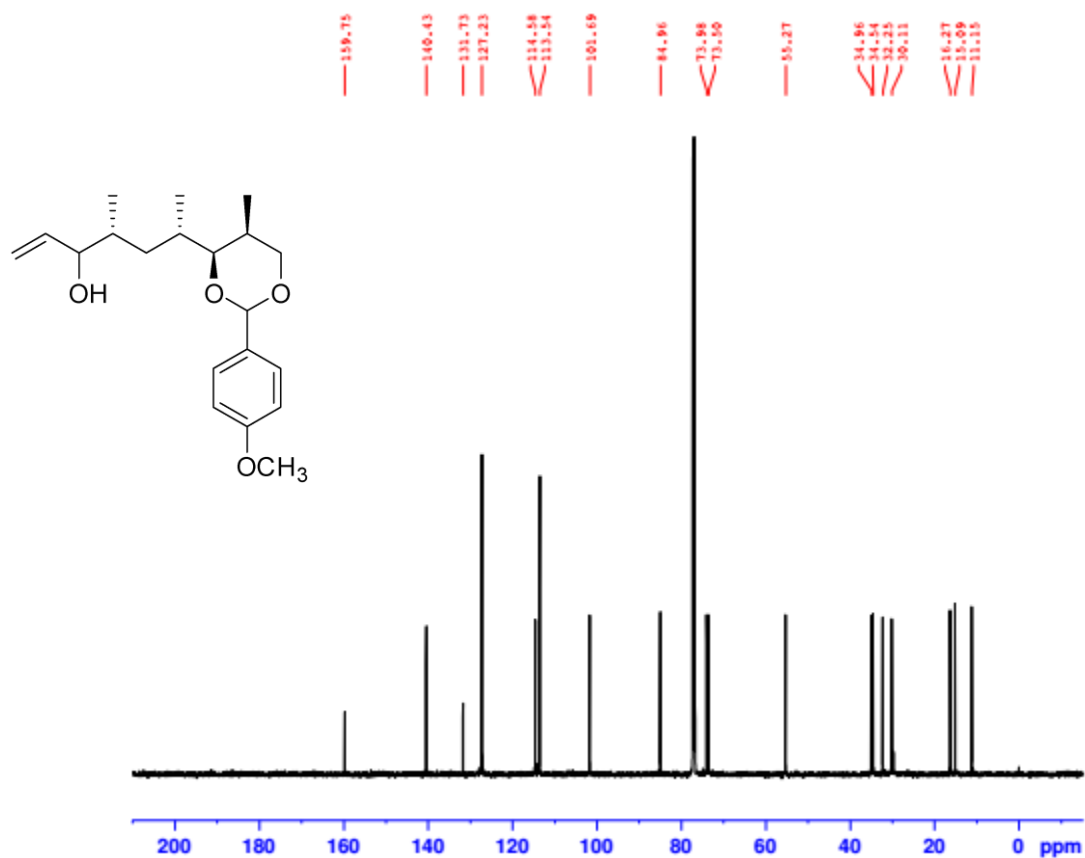
¹H NMR spectrum of 15 (CDCl₃, 400 MHz)



¹³C NMR spectrum of 15 (CDCl₃, 100 MHz)



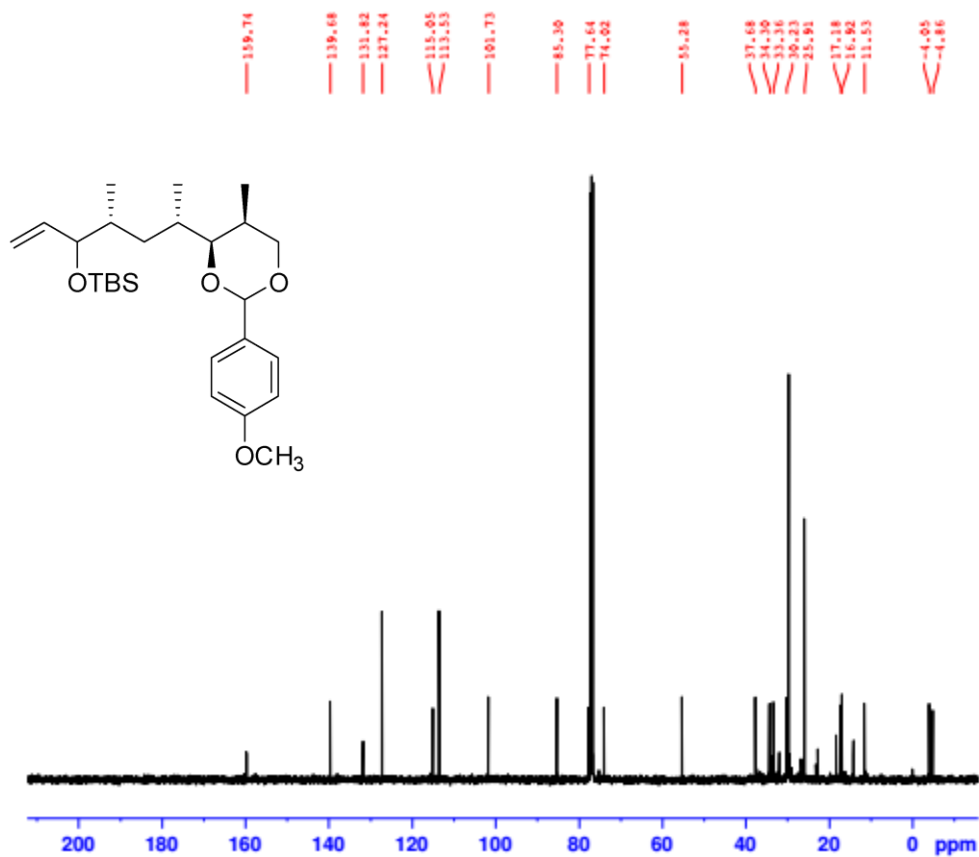
¹H NMR spectrum of 16 (CDCl₃, 500 MHz)



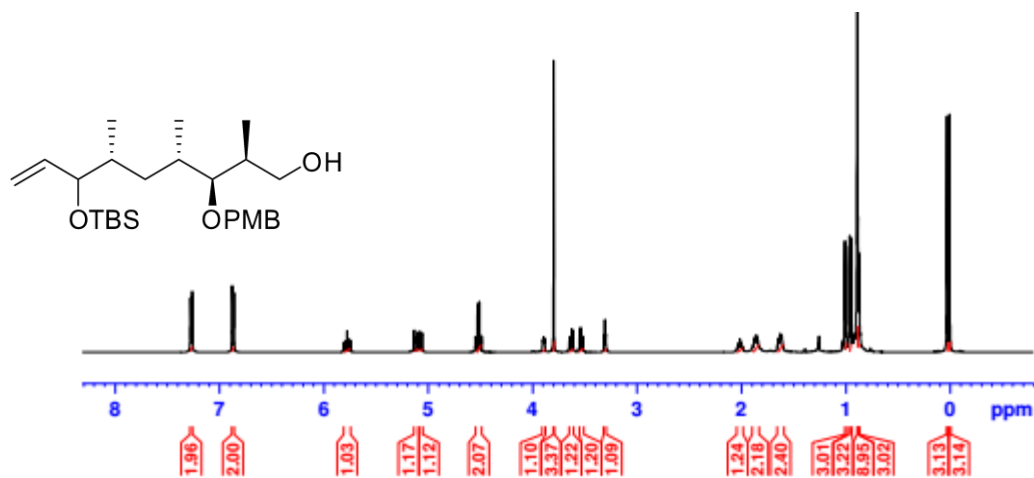
¹³C NMR spectrum of 16 (CDCl₃, 125 MHz)



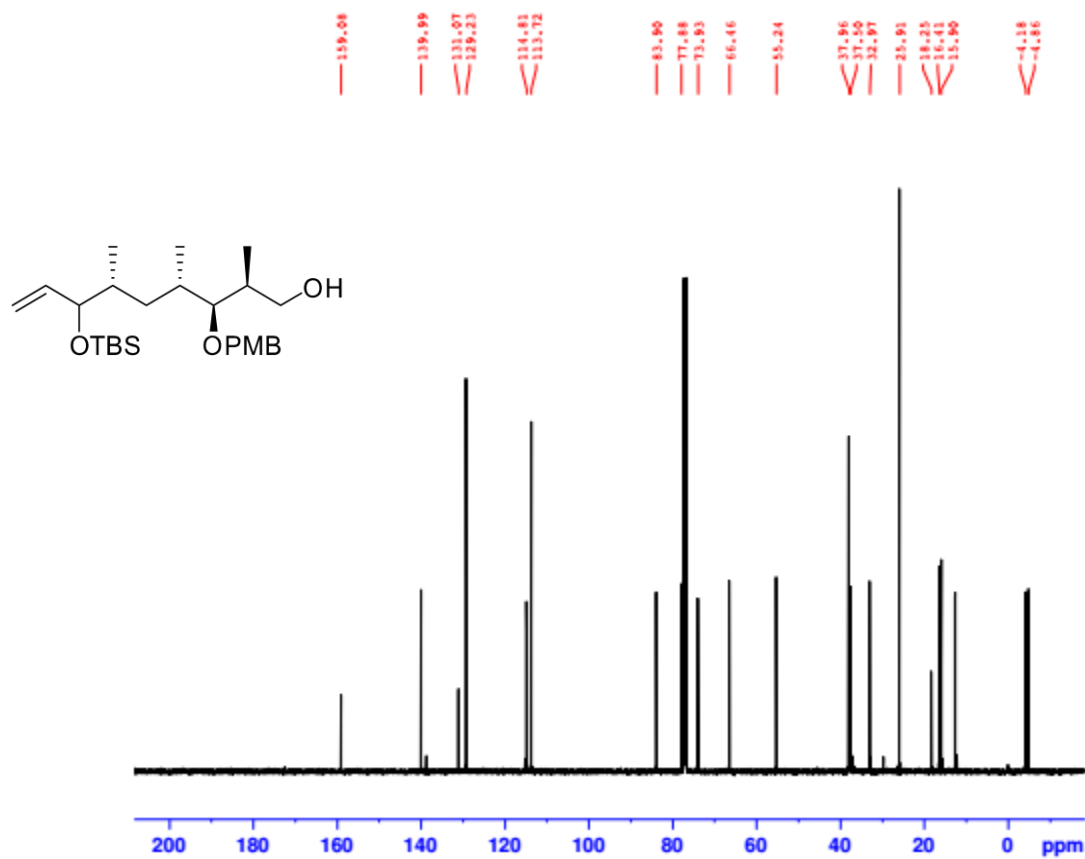
¹H NMR spectrum of 17 (CDCl₃, 400 MHz)



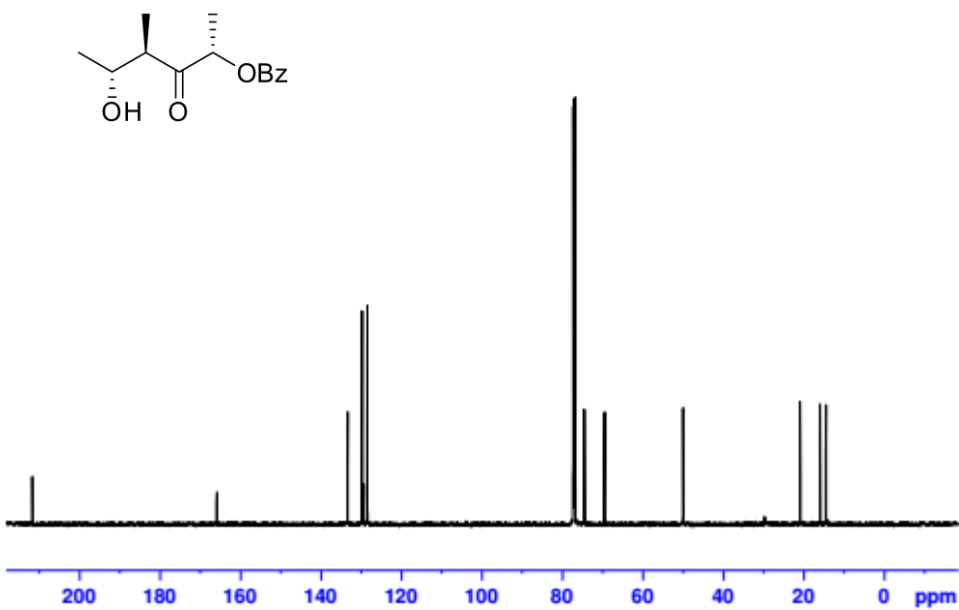
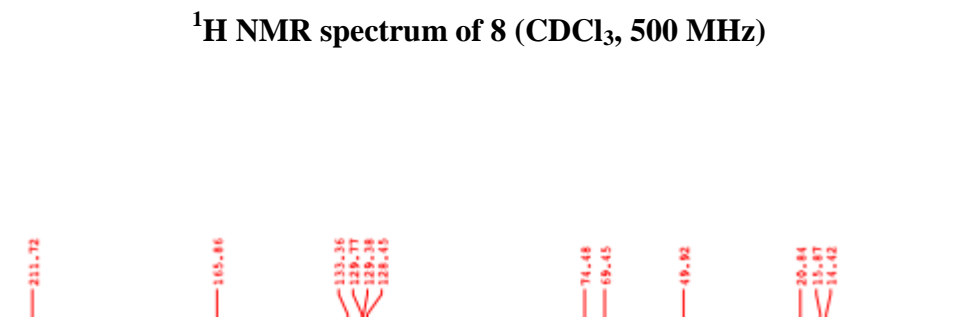
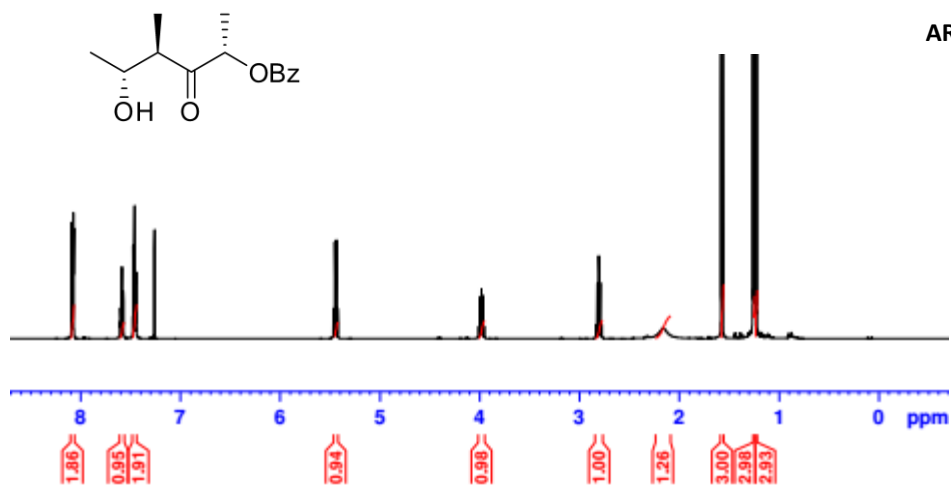
¹³C NMR spectrum of 17 (CDCl₃, 125 MHz)

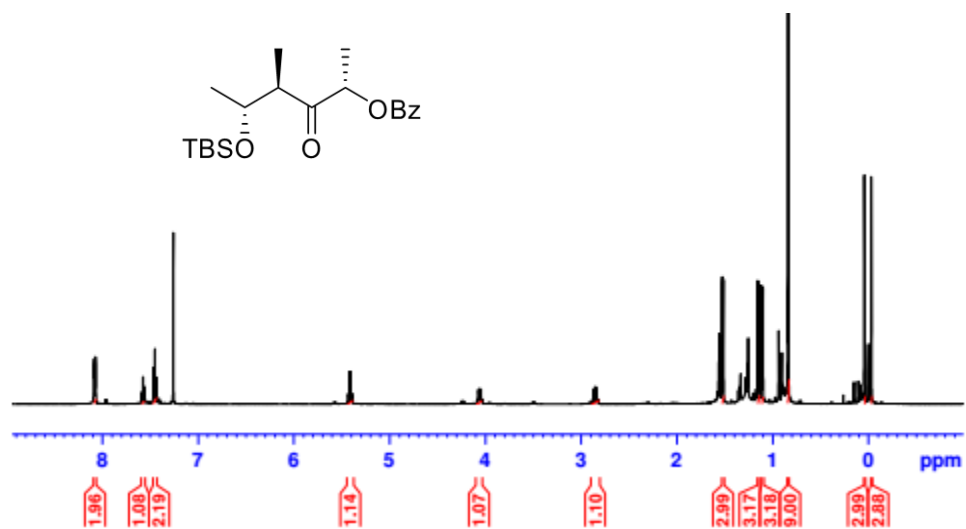


^1H NMR spectrum of 4a (CDCl_3 , 500 MHz)

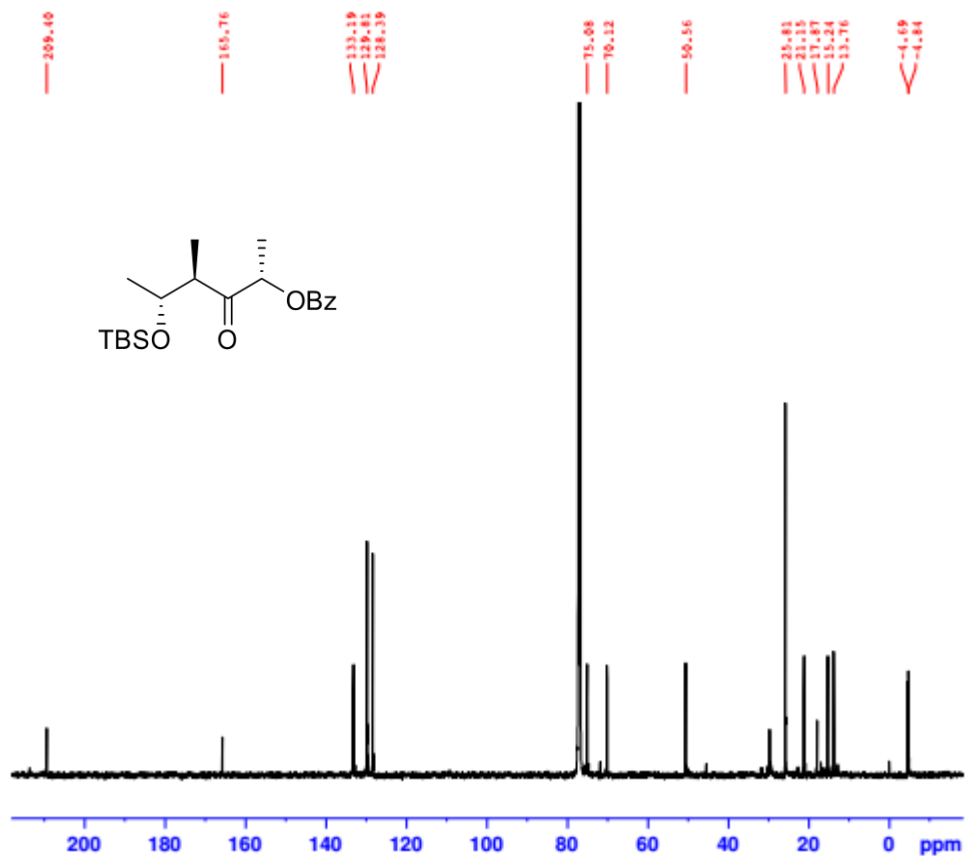


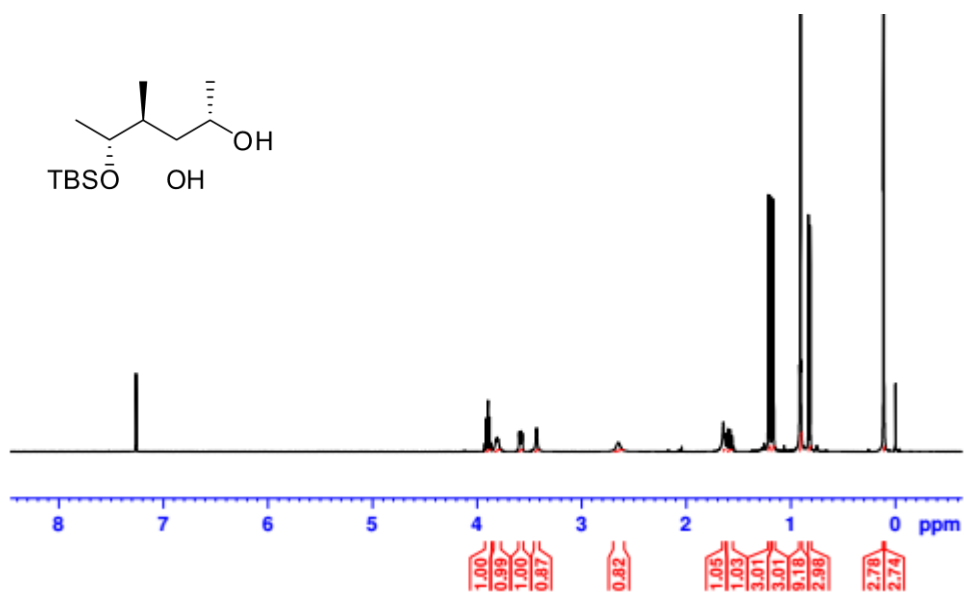
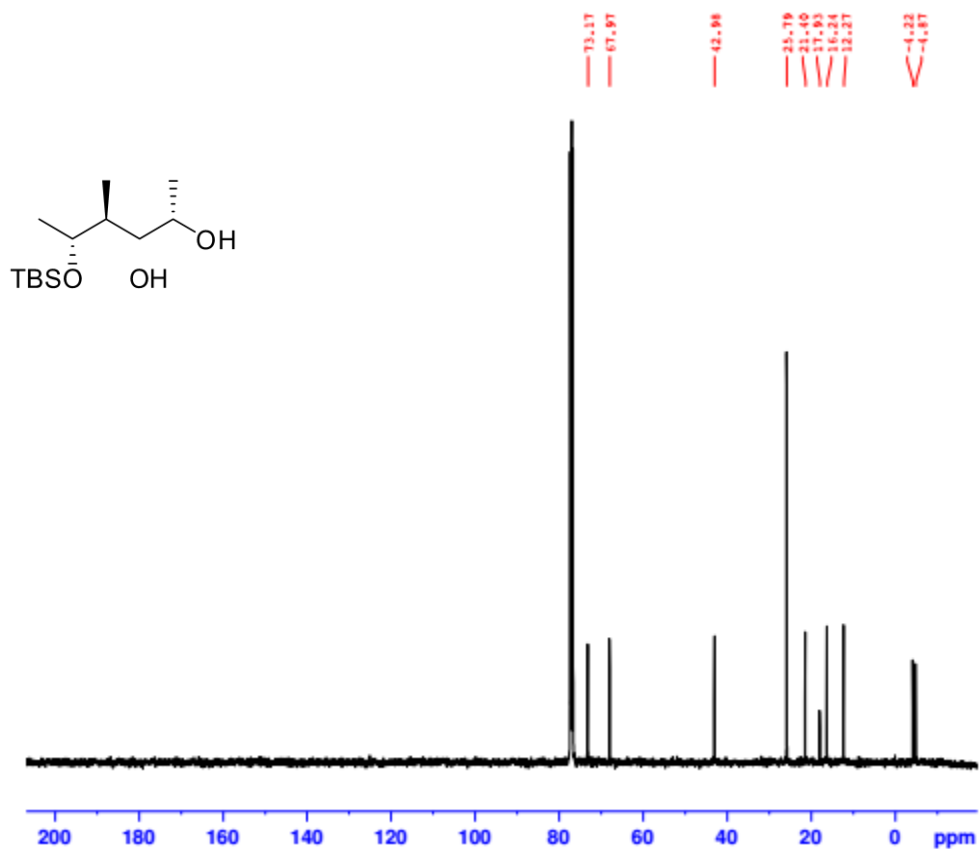
^{13}C NMR spectrum of 4a (CDCl_3 , 125 MHz)

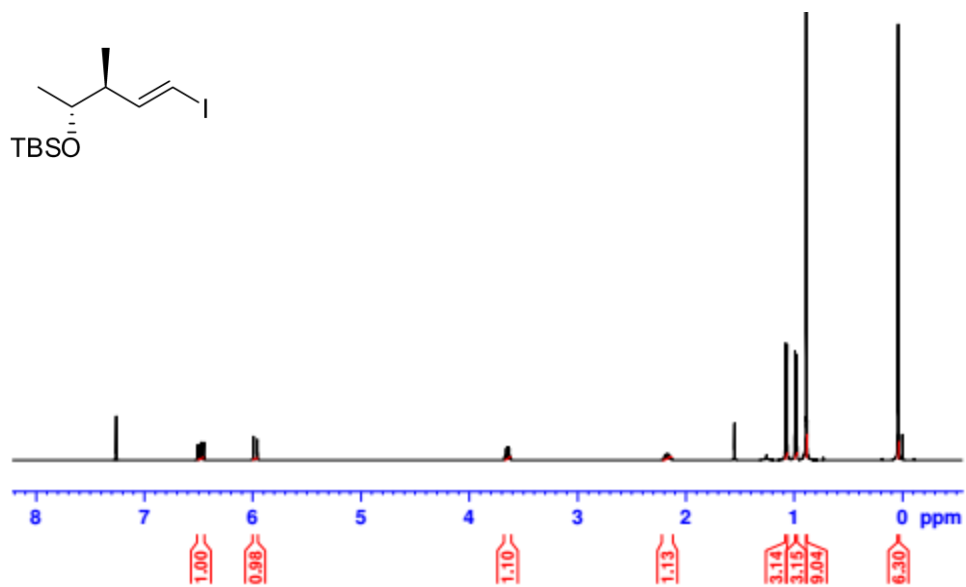




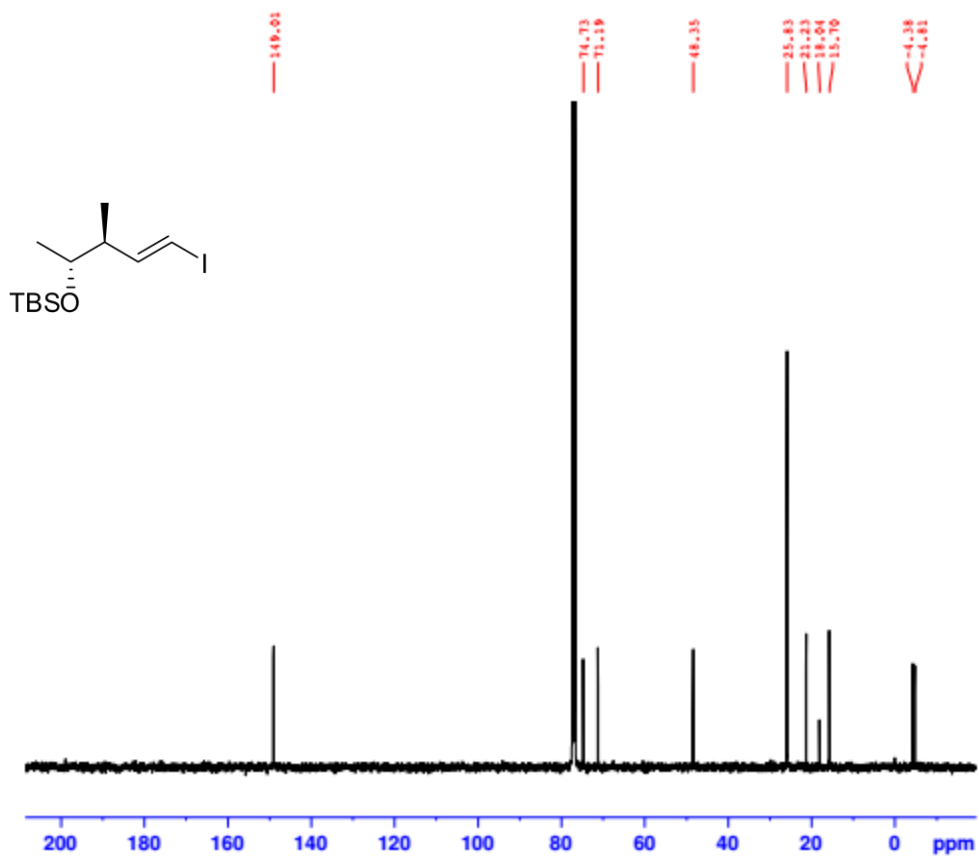
^1H NMR spectrum of 18 (CDCl_3 , 500 MHz)



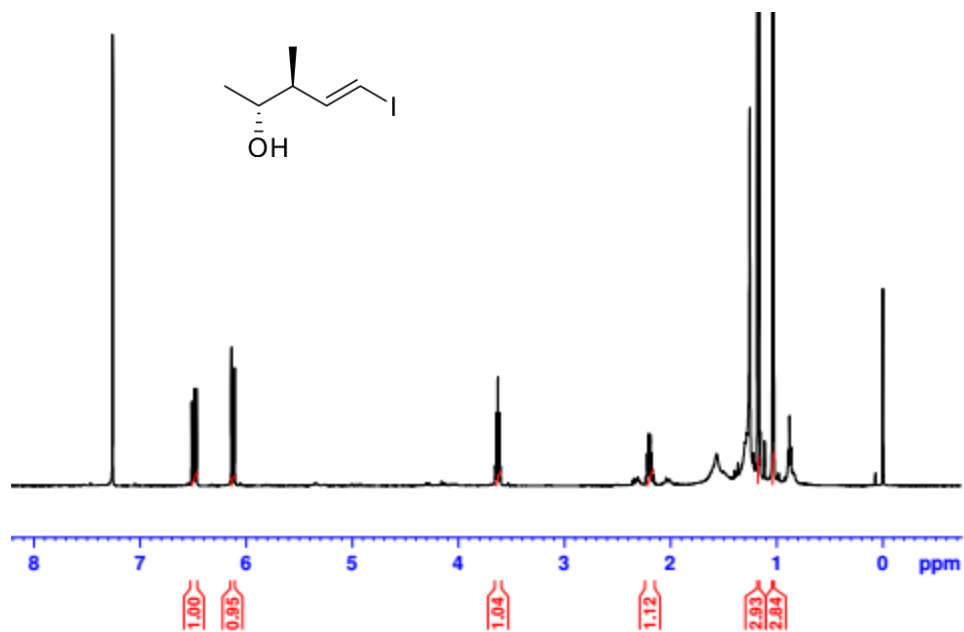
^{13}C NMR spectrum of 18 (CDCl_3 , 125 MHz) ^1H NMR spectrum of 19 (CDCl_3 , 400 MHz) ^{13}C NMR spectrum of 19 (CDCl_3 , 100 MHz)



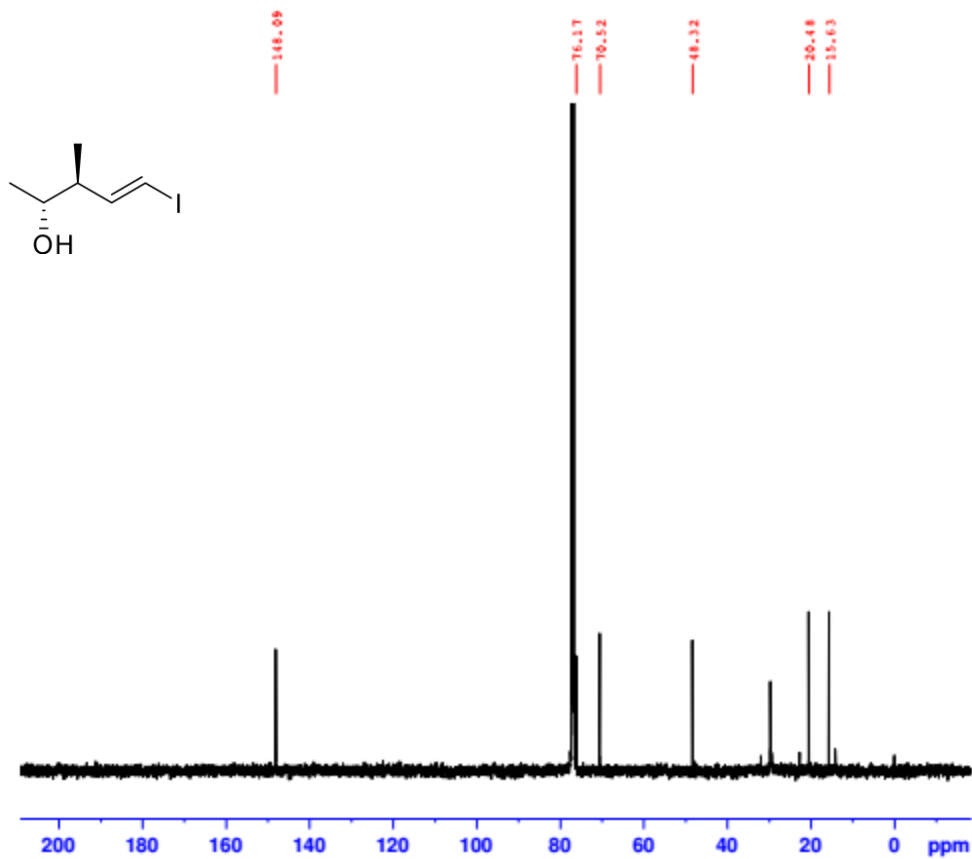
¹H NMR spectrum of 20 (CDCl₃, 400 MHz)



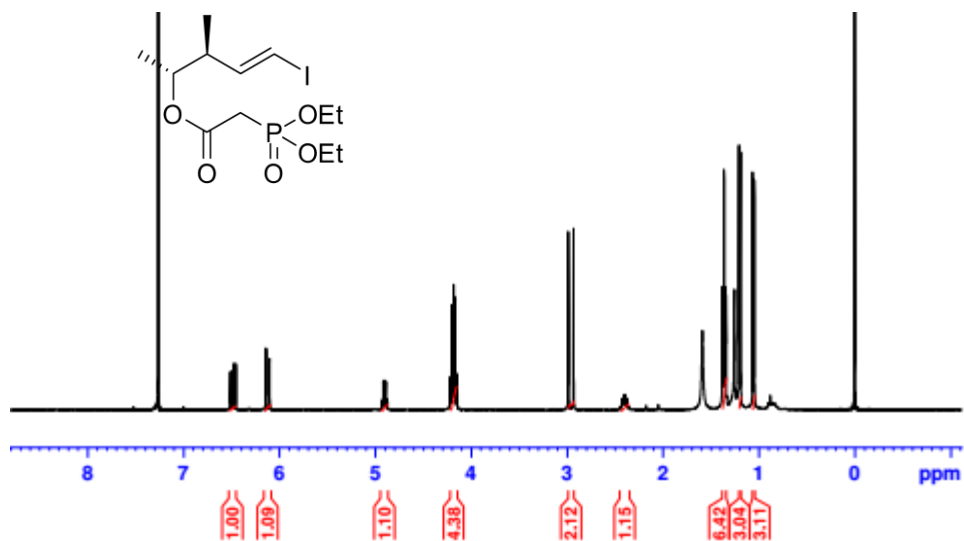
¹³C NMR spectrum of 20 (CDCl₃, 100 MHz)



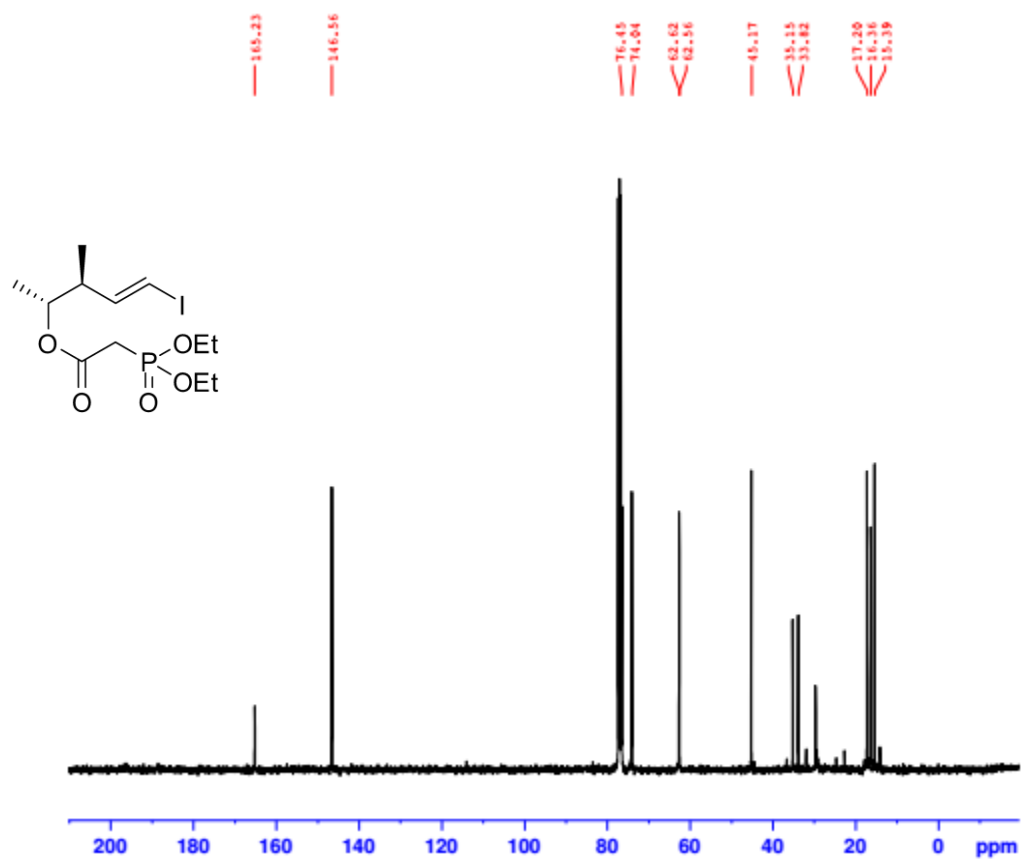
¹H NMR spectrum of 21 (CDCl₃, 500 MHz)



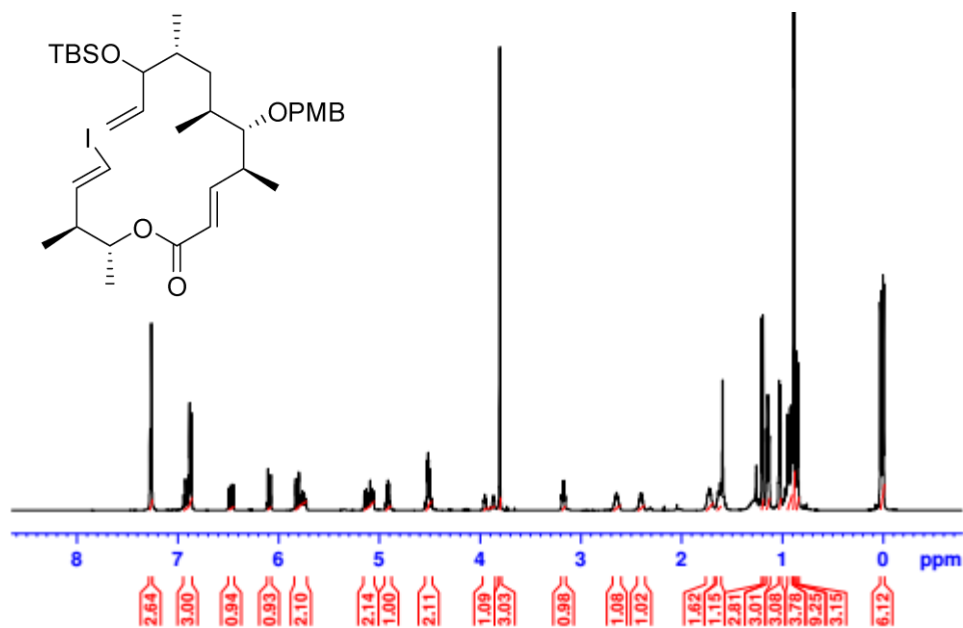
¹³C NMR spectrum of 21 (CDCl₃, 125 MHz)



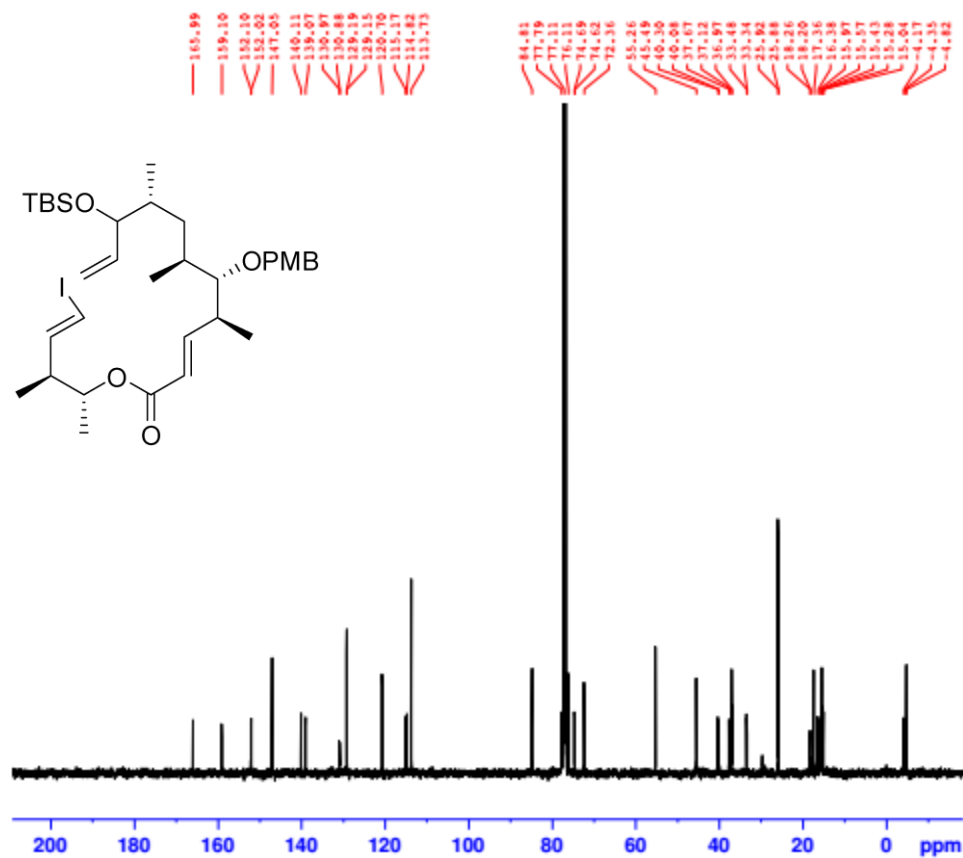
^1H NMR spectrum of 5 (CDCl_3 , 400 MHz)



^{13}C NMR spectrum of 5 (CDCl_3 , 100 MHz)



¹H NMR spectrum of 3 (CDCl₃, 500 MHz)



¹³C NMR spectrum of 3 (CDCl₃, 125 MHz)