Supplementary Material

First total synthesis of Artekeiskeanol B and D

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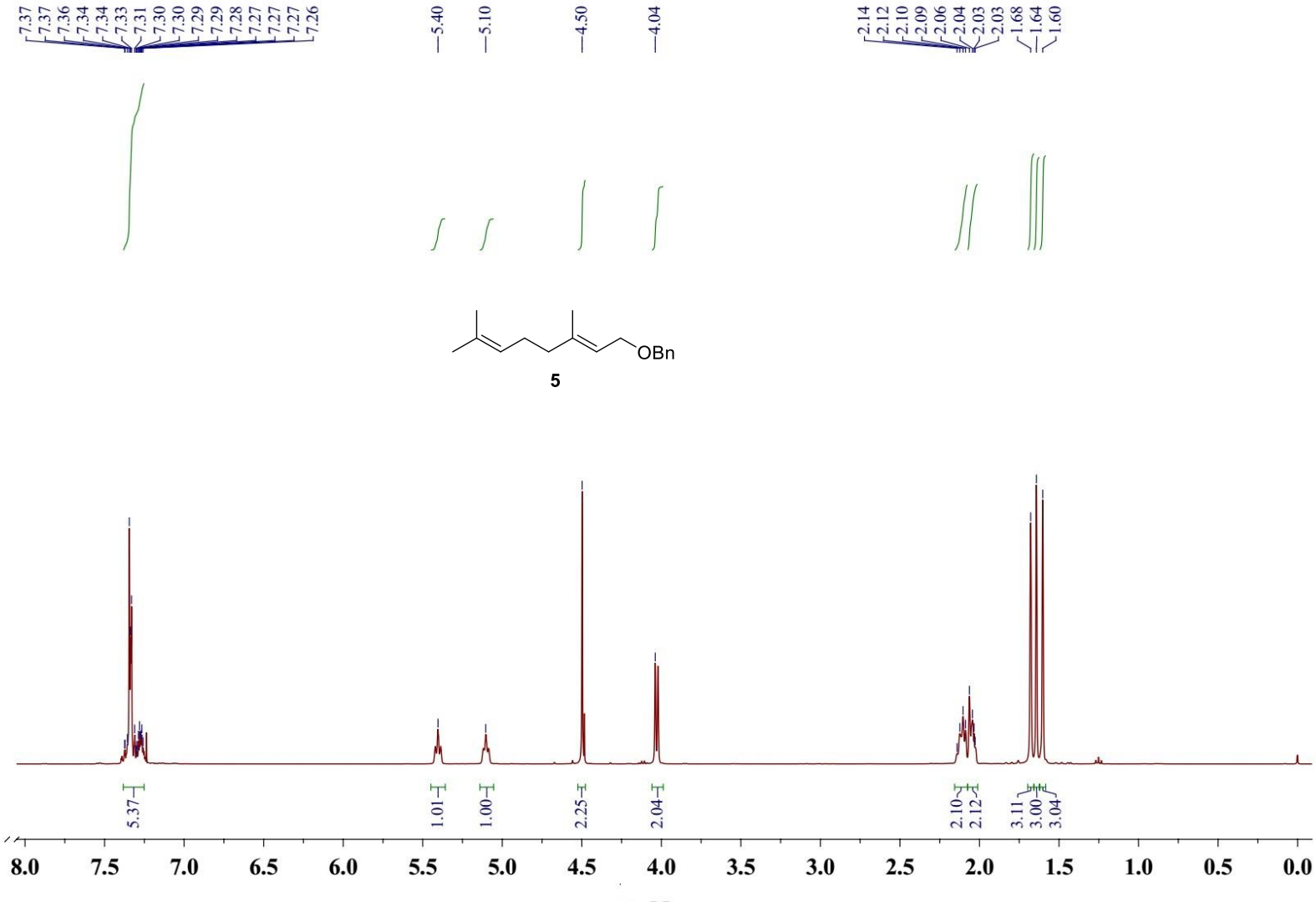
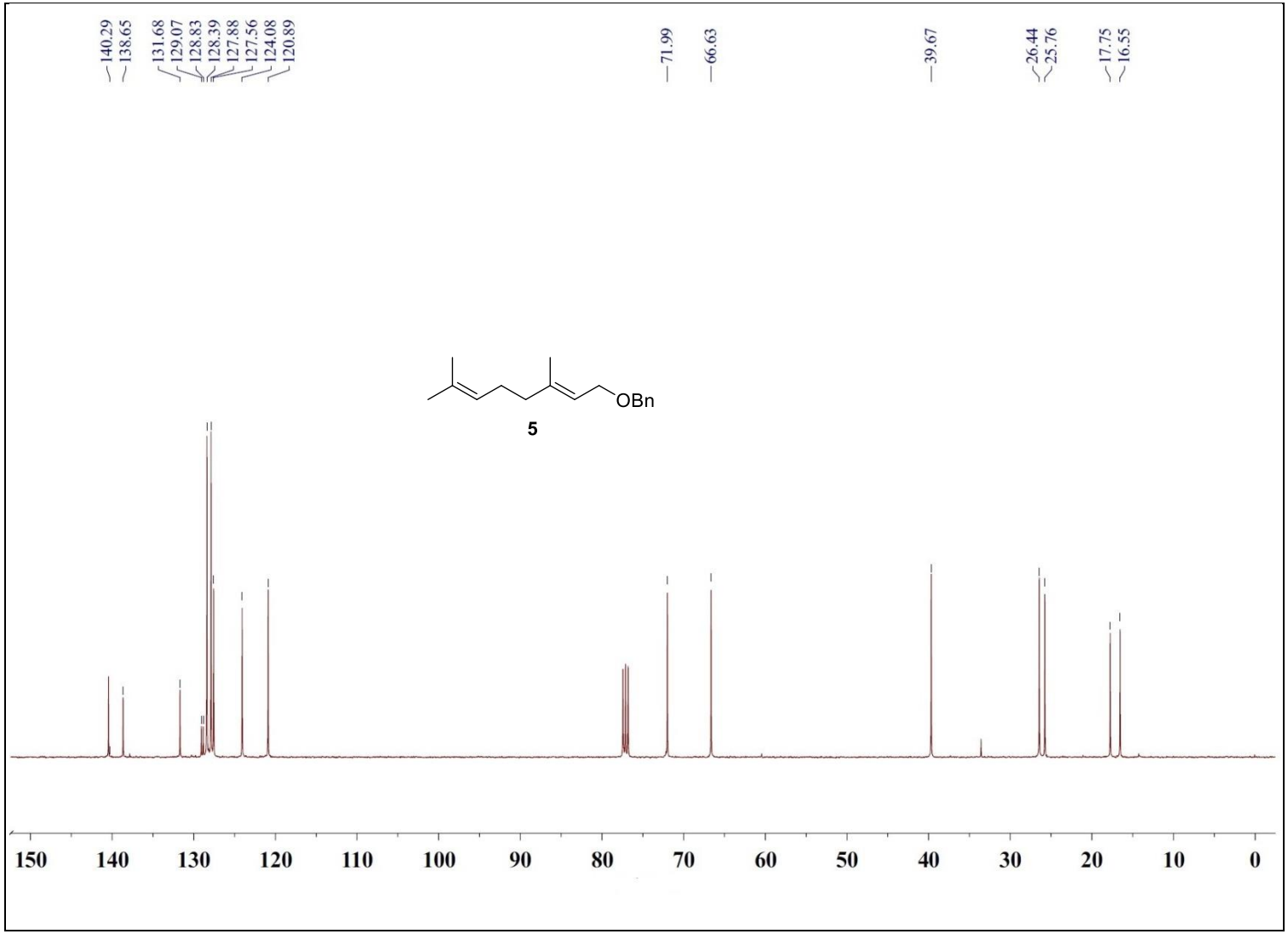
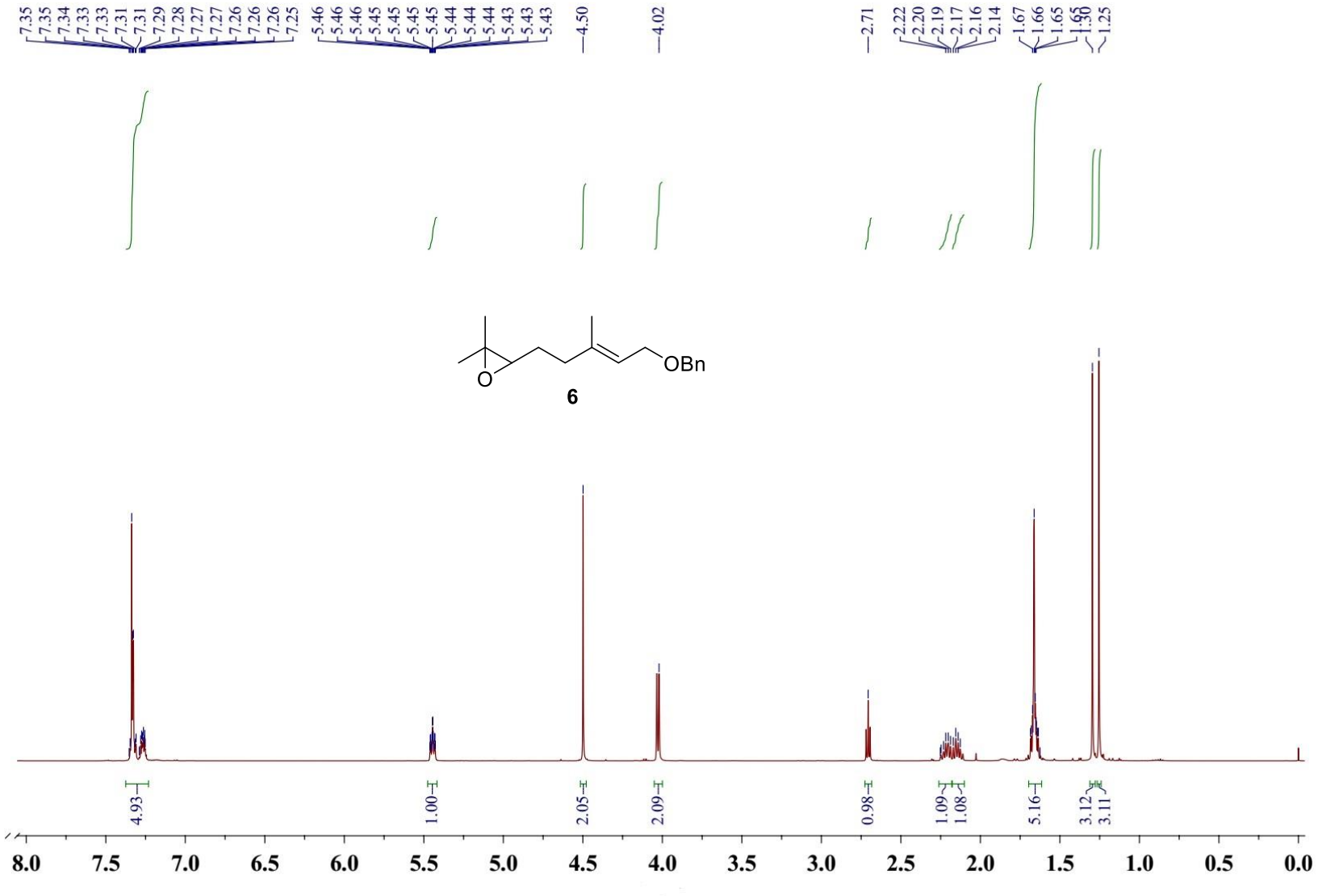


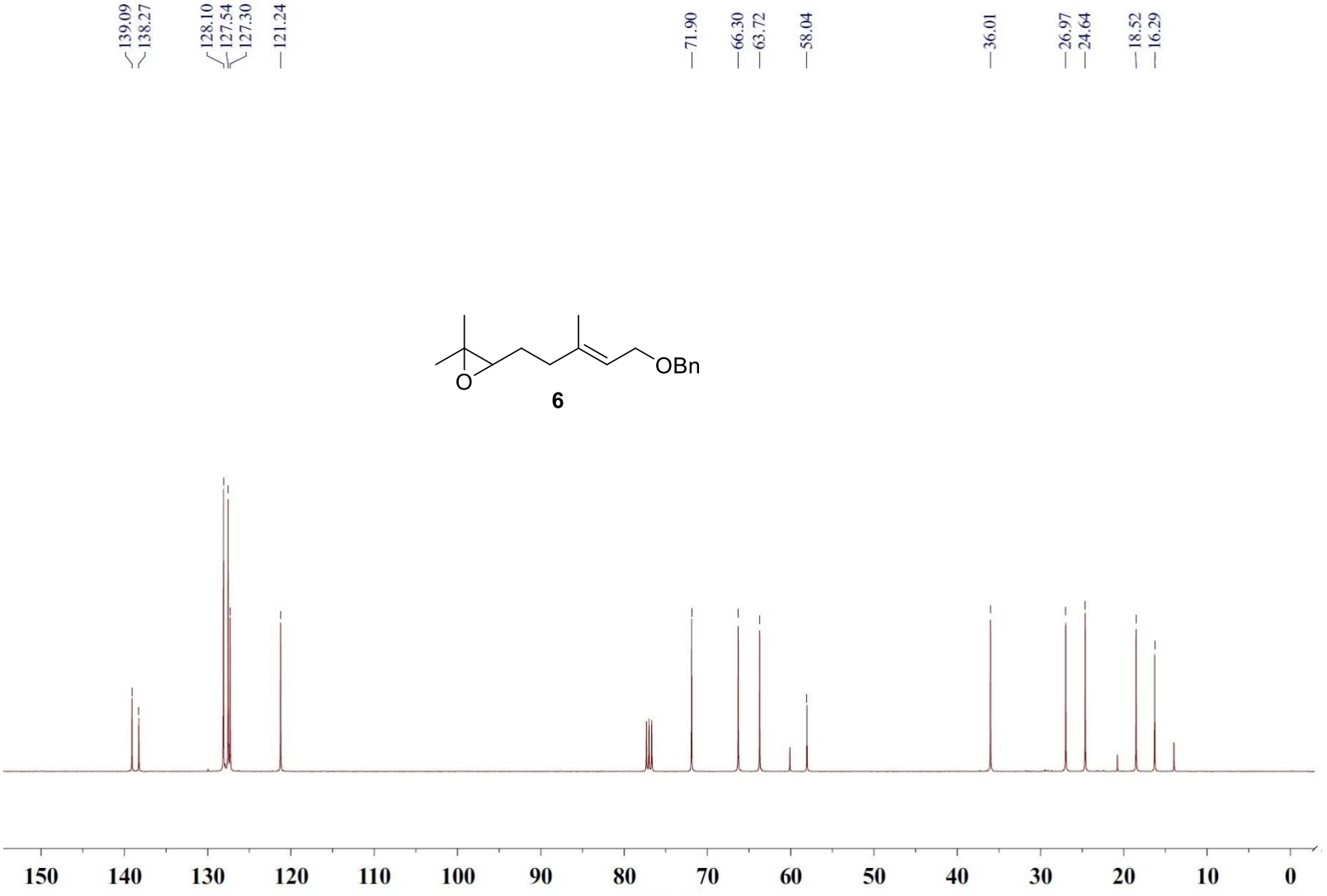
^{1}HNMR of compound 5 in $CDCl_3$ (400 MHz)



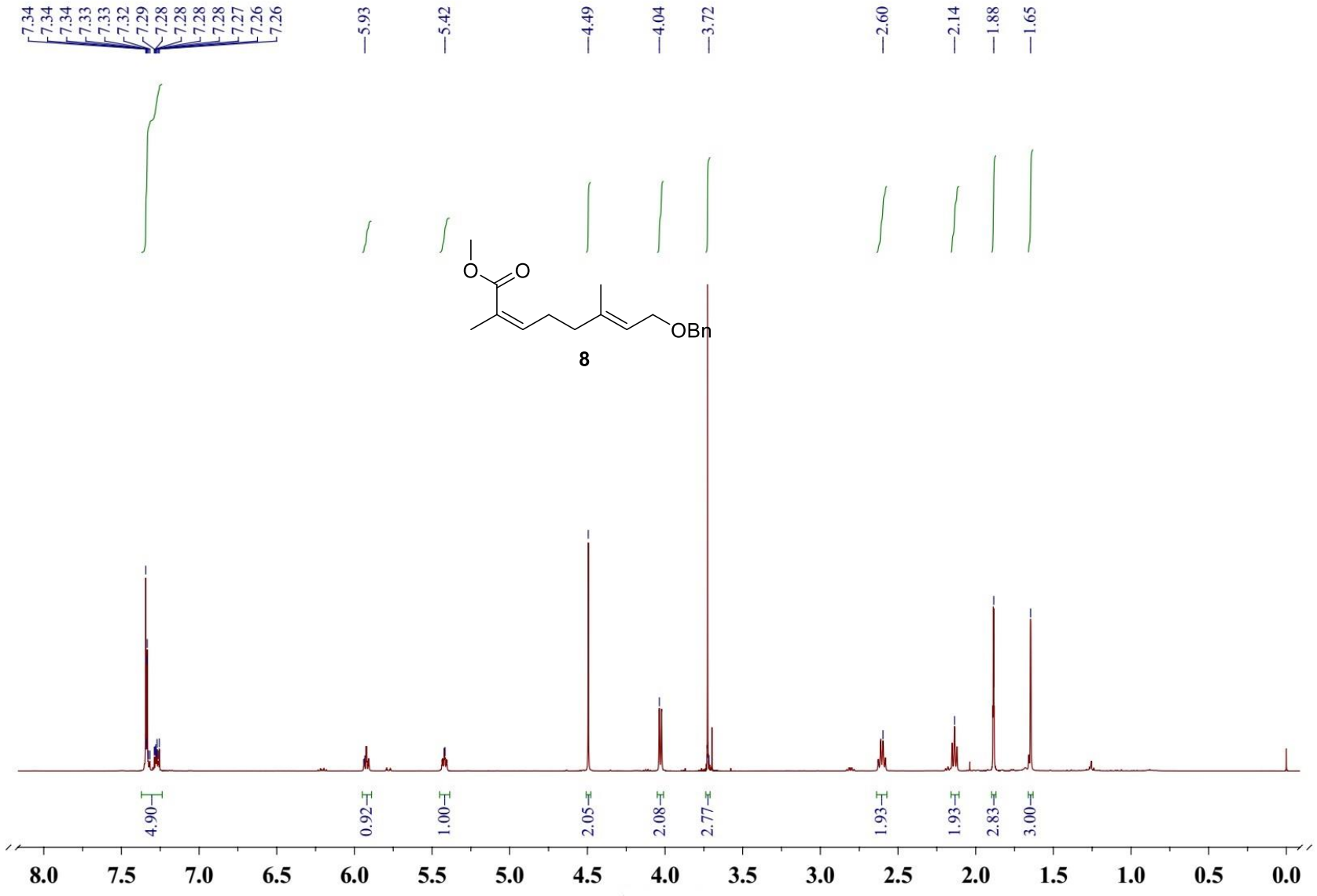
^{13}C NMR of compound 5 in $CDCl_3$ (100 MHz)



^{1}H NMR of compound 6 in $CDCl_3$ (400 MHz)



^{13}C NMR of compound 6 in $CDCl_3$ (100 MHz)



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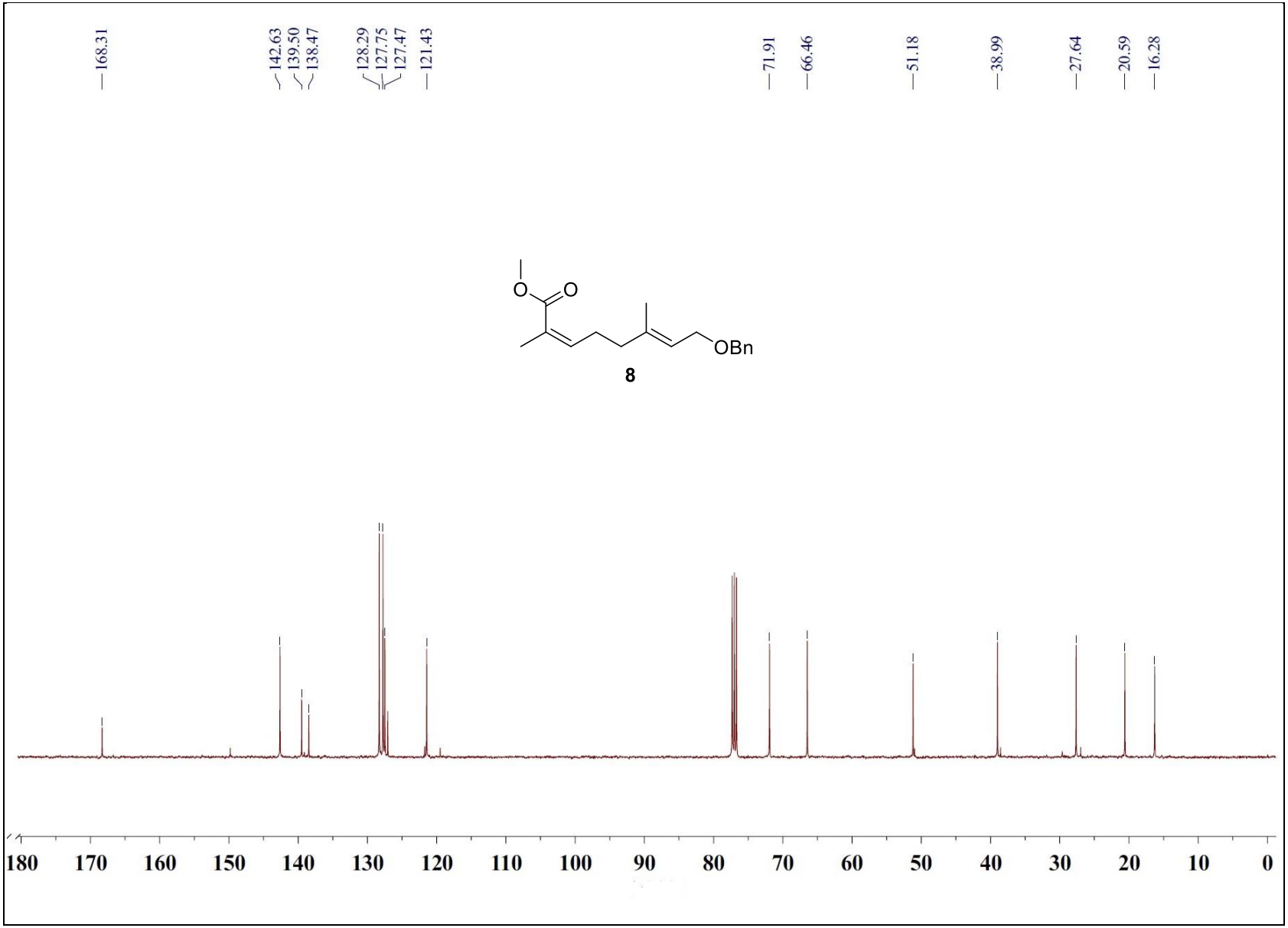
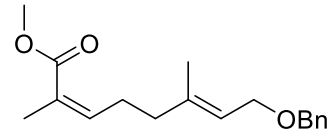
^{1}H NMR of compound 8 in $CDCl_3$ (400 MHz)



^{13}C NMR of compound 8 in $CDCl_3$ (100 MHz)



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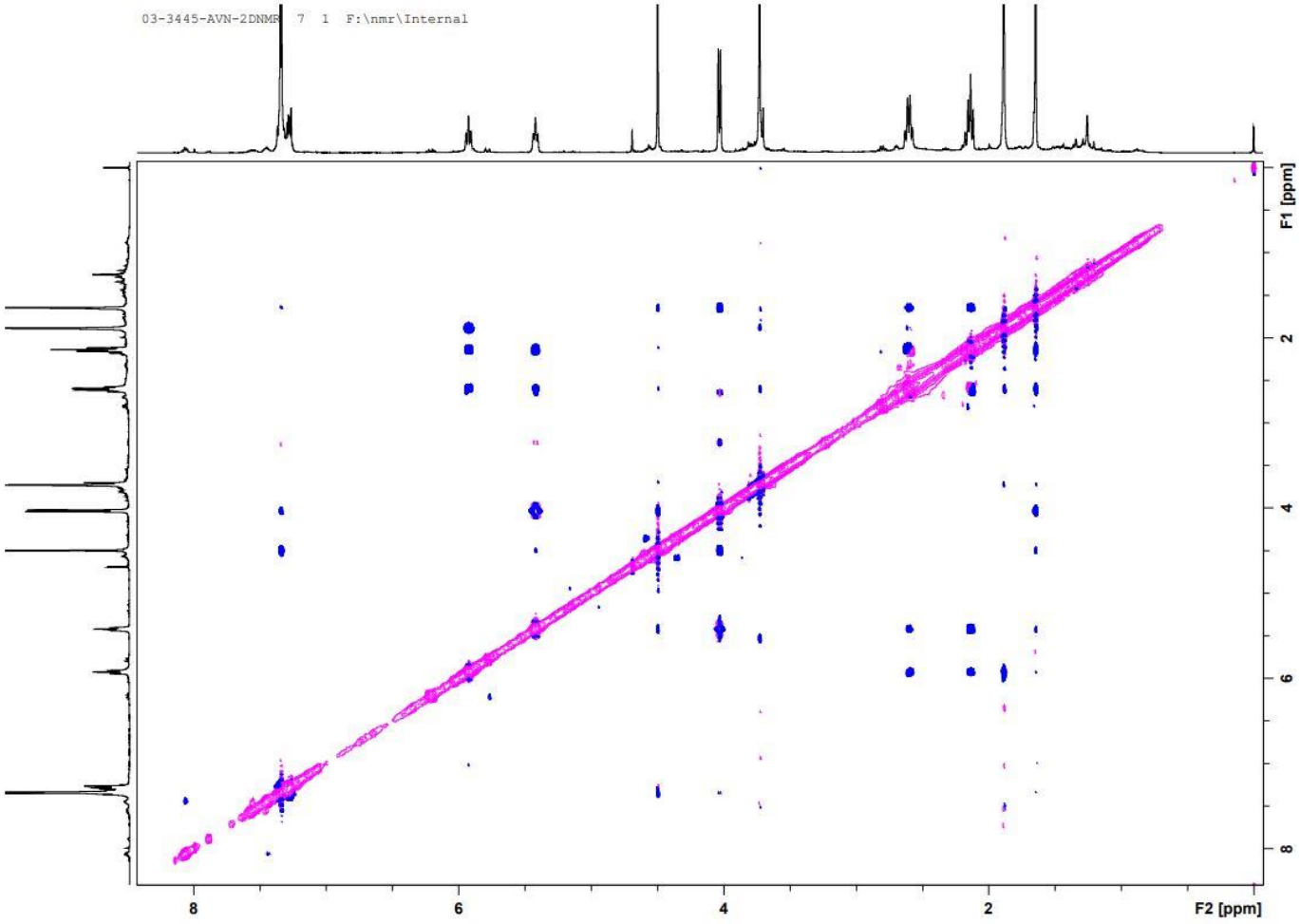
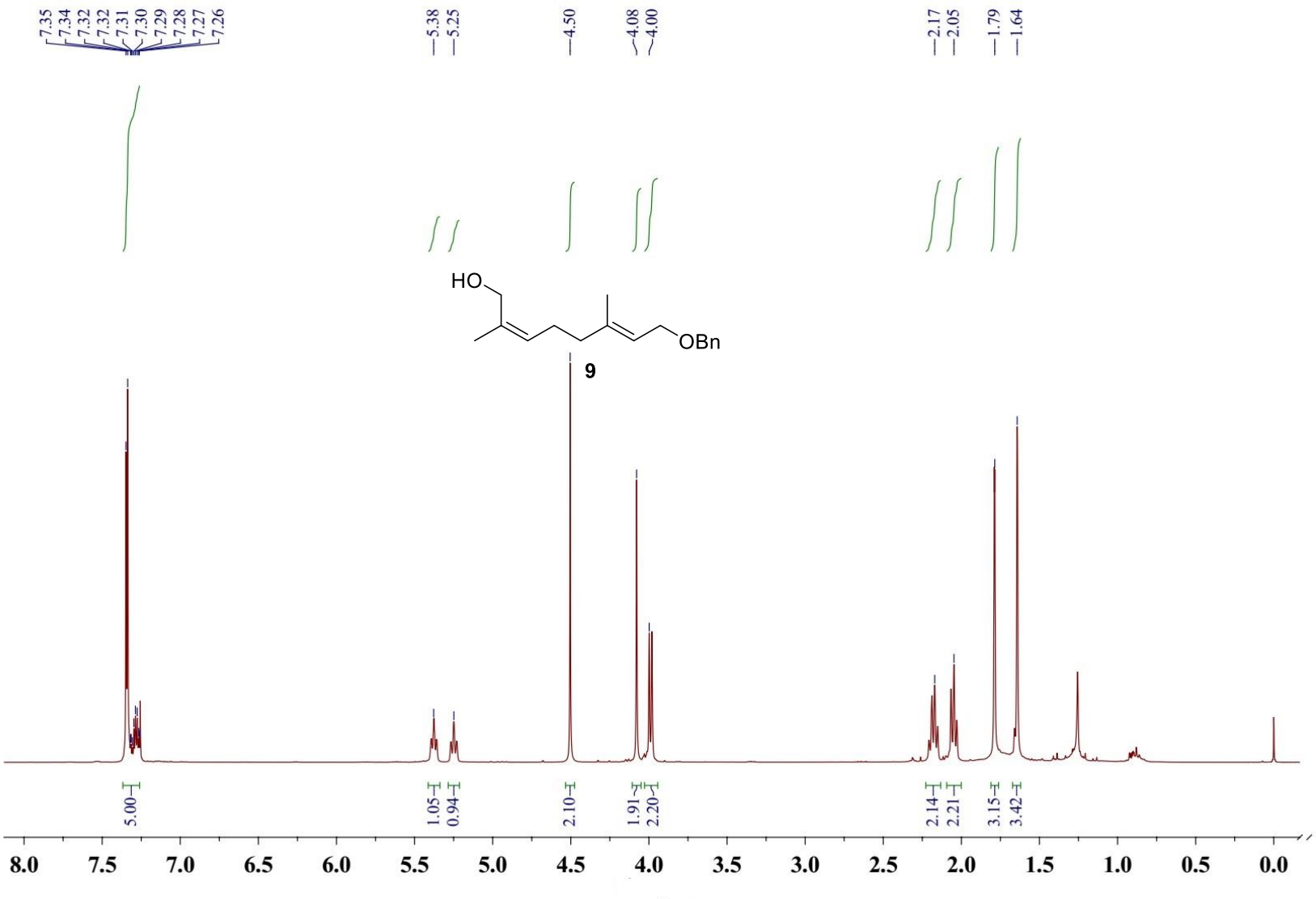
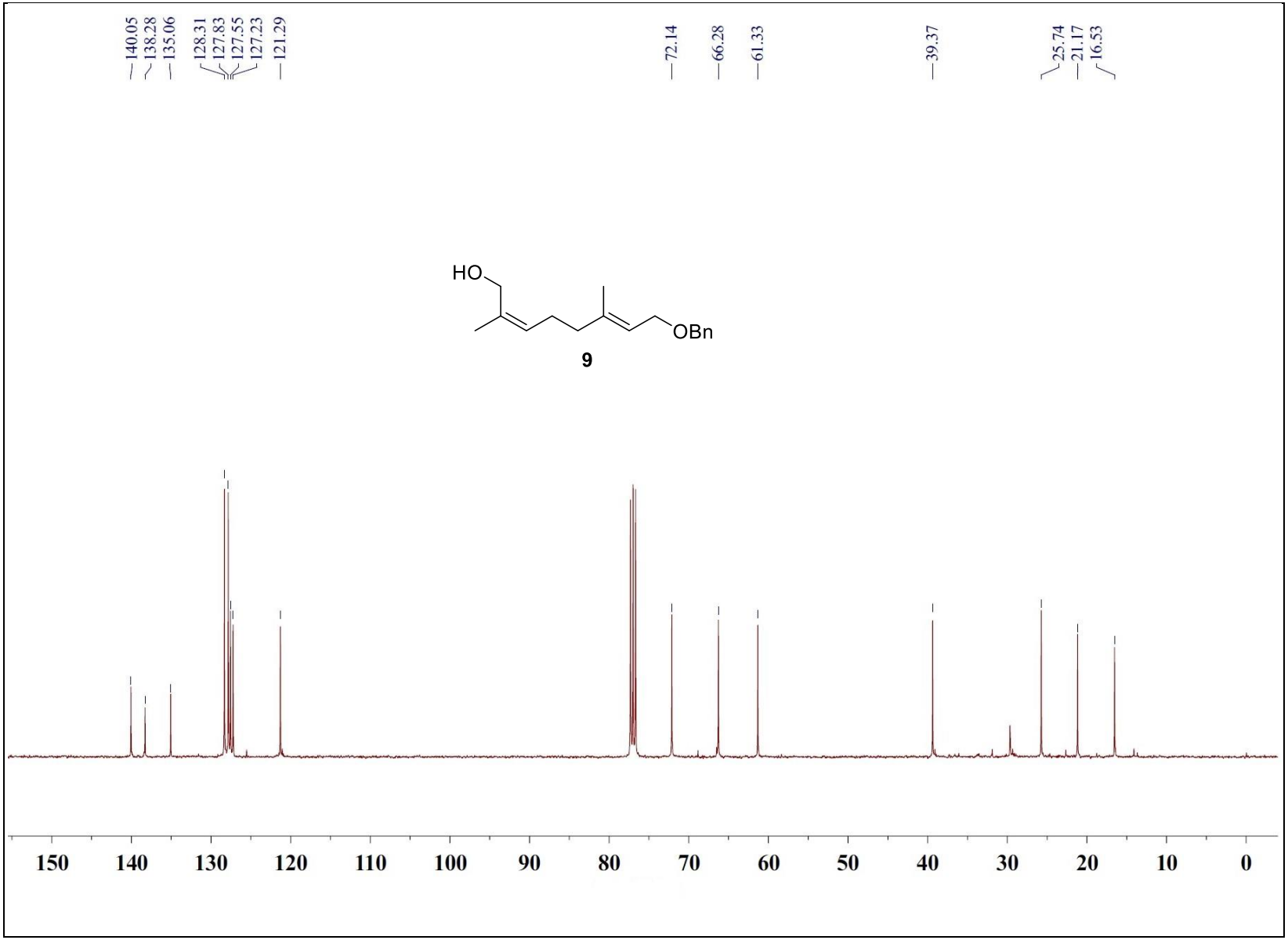


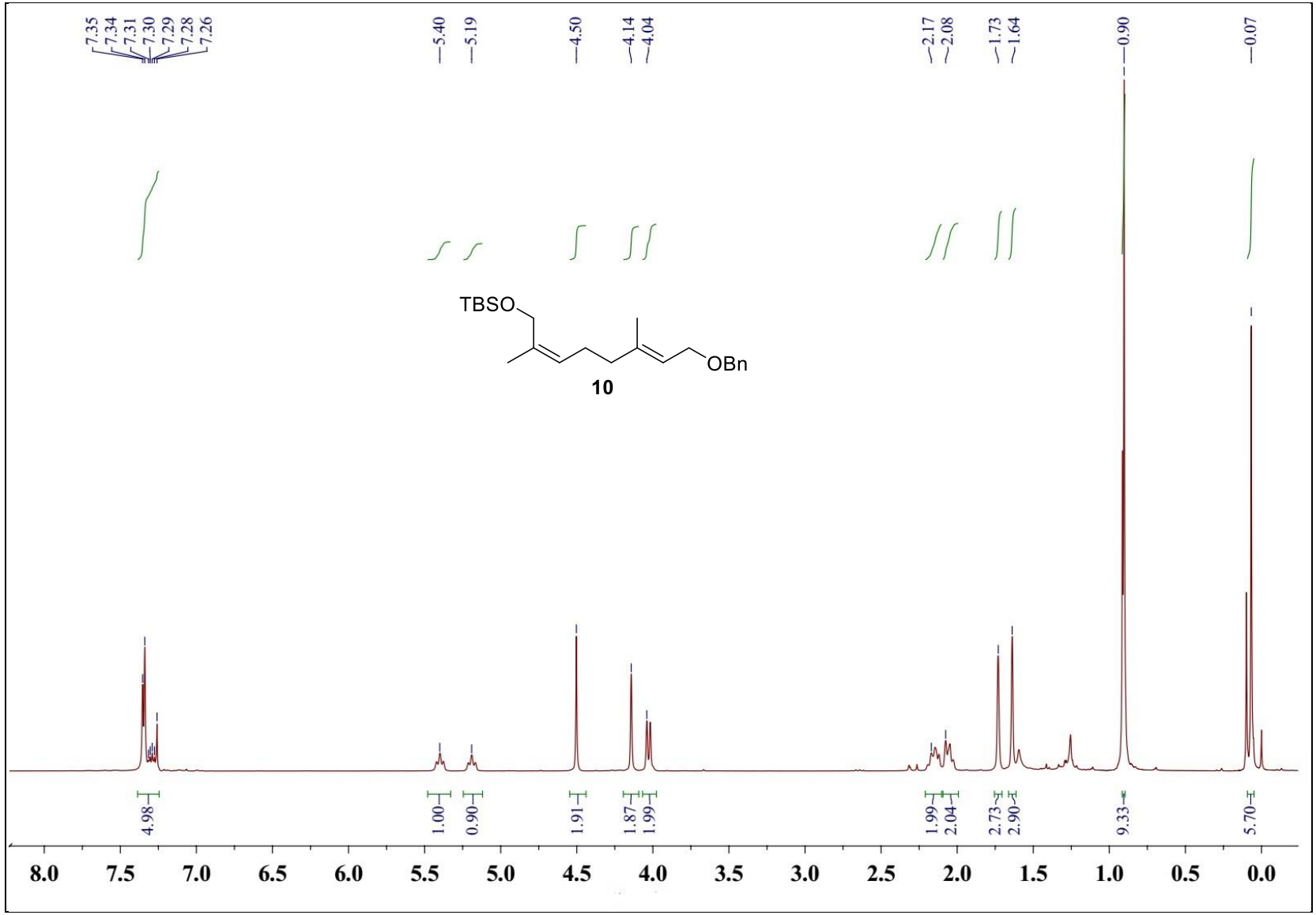
2D NOE of compound 8 in 400 MHz



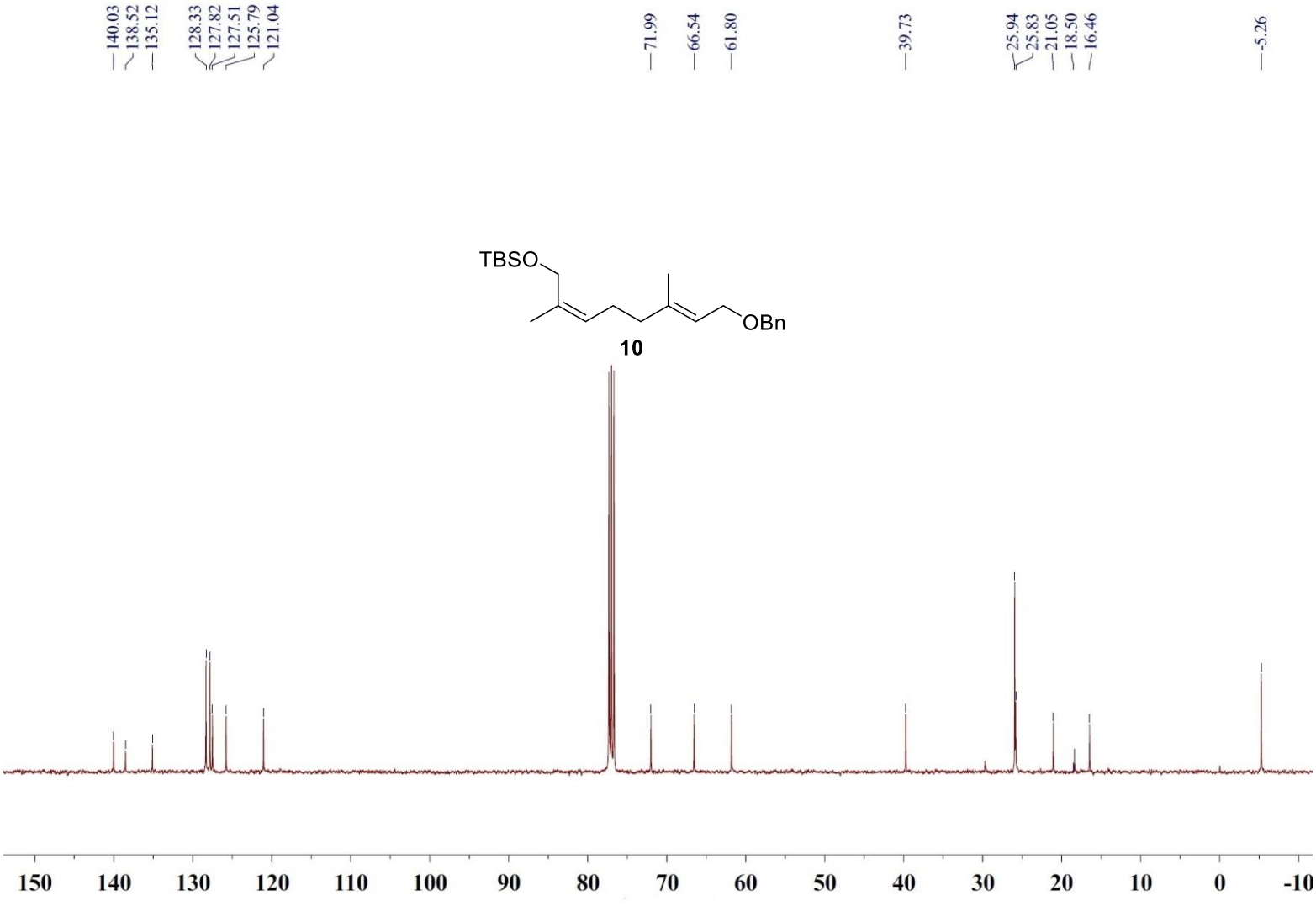
^{1}H NMR of compound 9 in $CDCl_3$ (400 MHz)



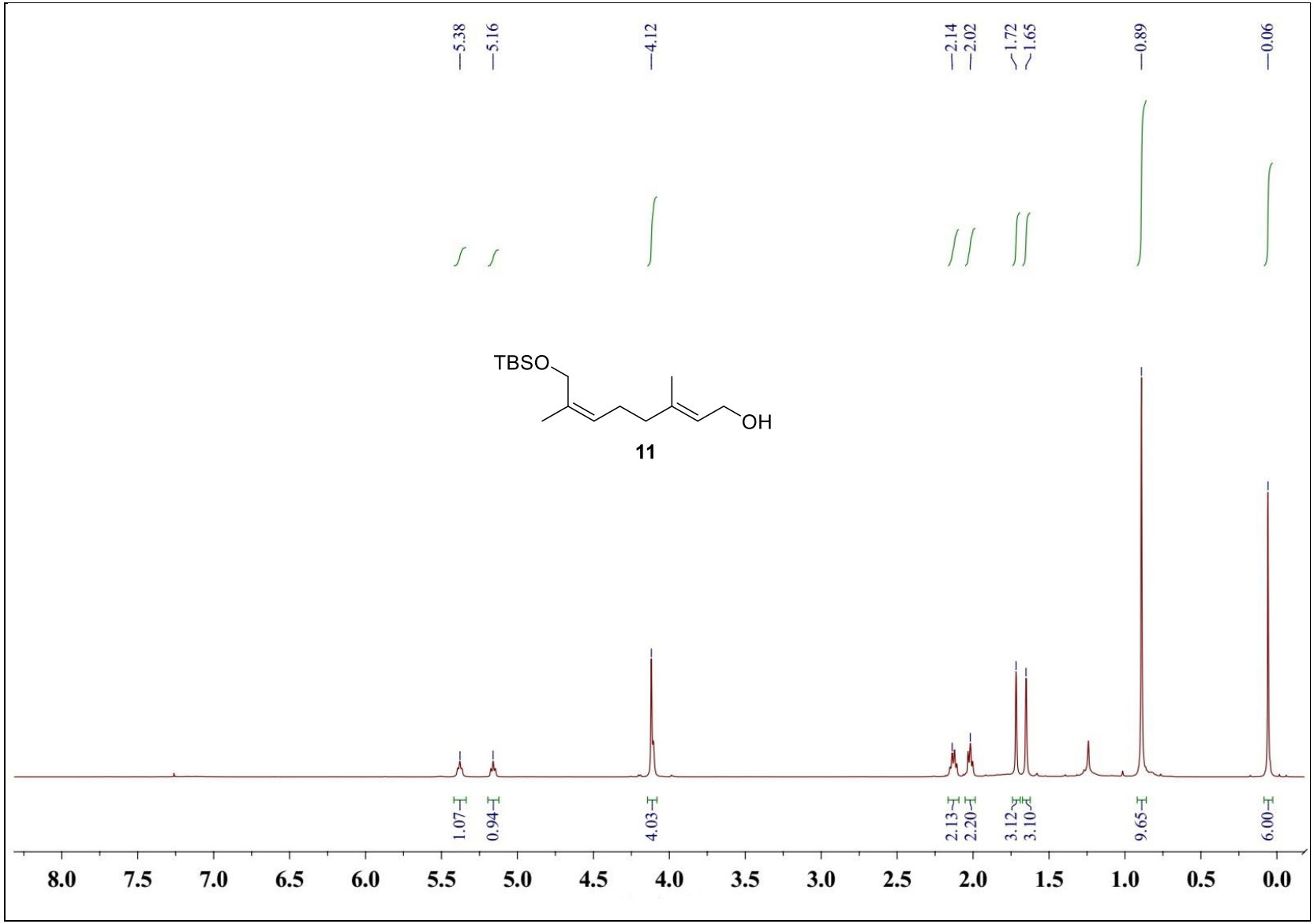
^{13}C NMR of compound 9 in $CDCl_3$ (100 MHz)



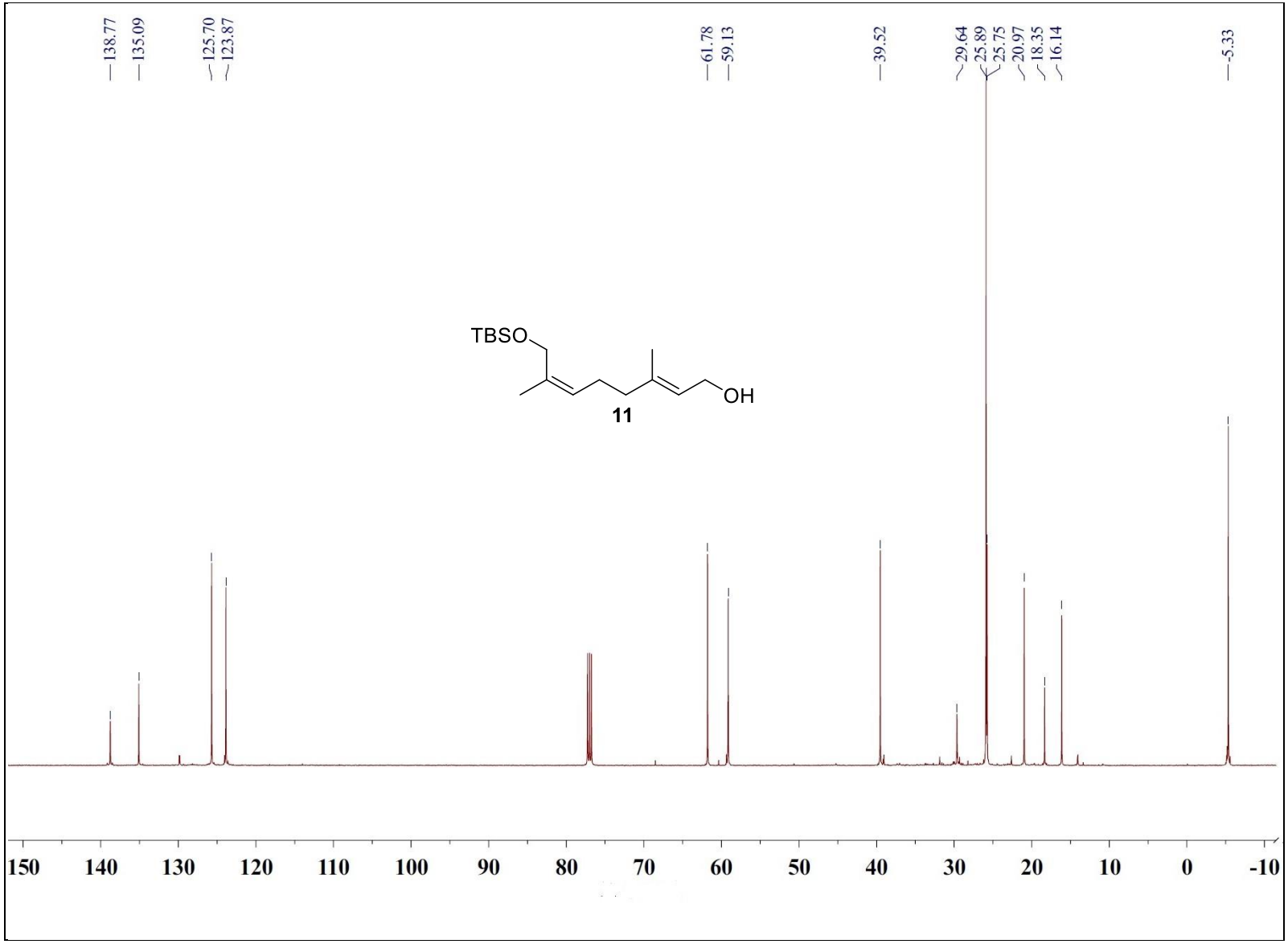
^{1}H NMR of compound 10 in $CDCl_3$ (400 MHz)



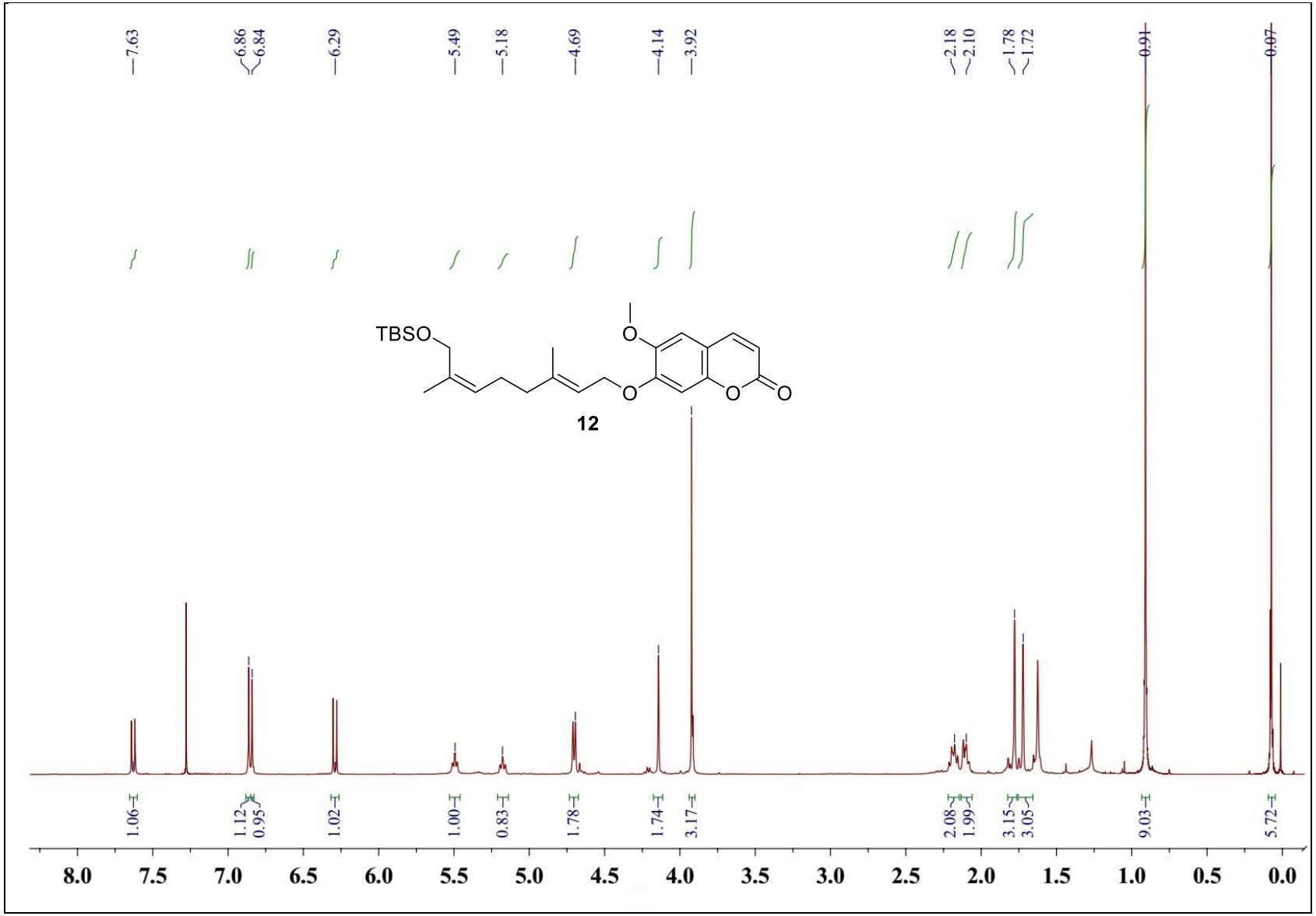
^{13}C NMR of compound 10in $CDCl_3$ (100 MHz)



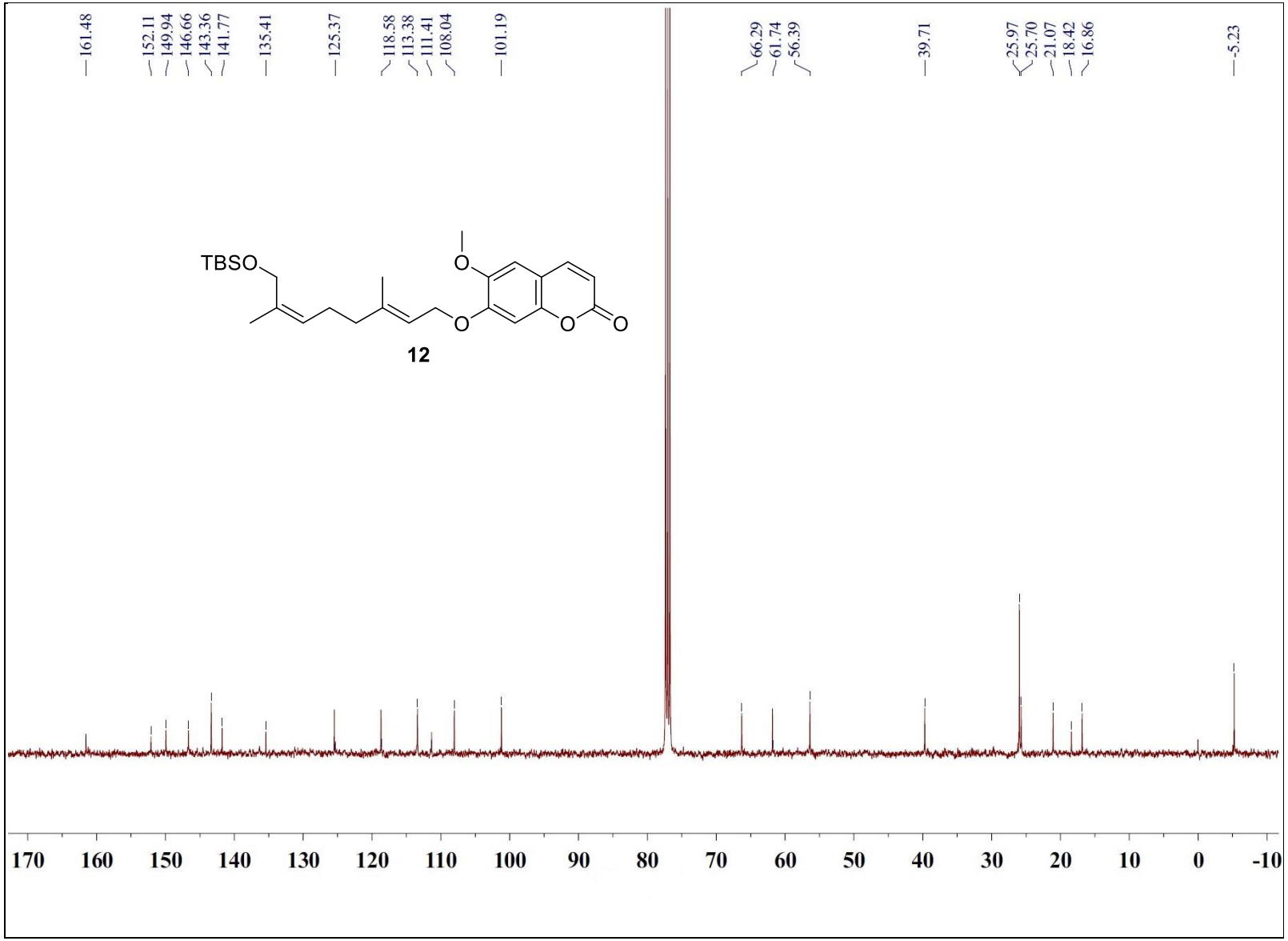
^{1}H NMR of compound 11 in $CDCl_3$ (400 MHz)



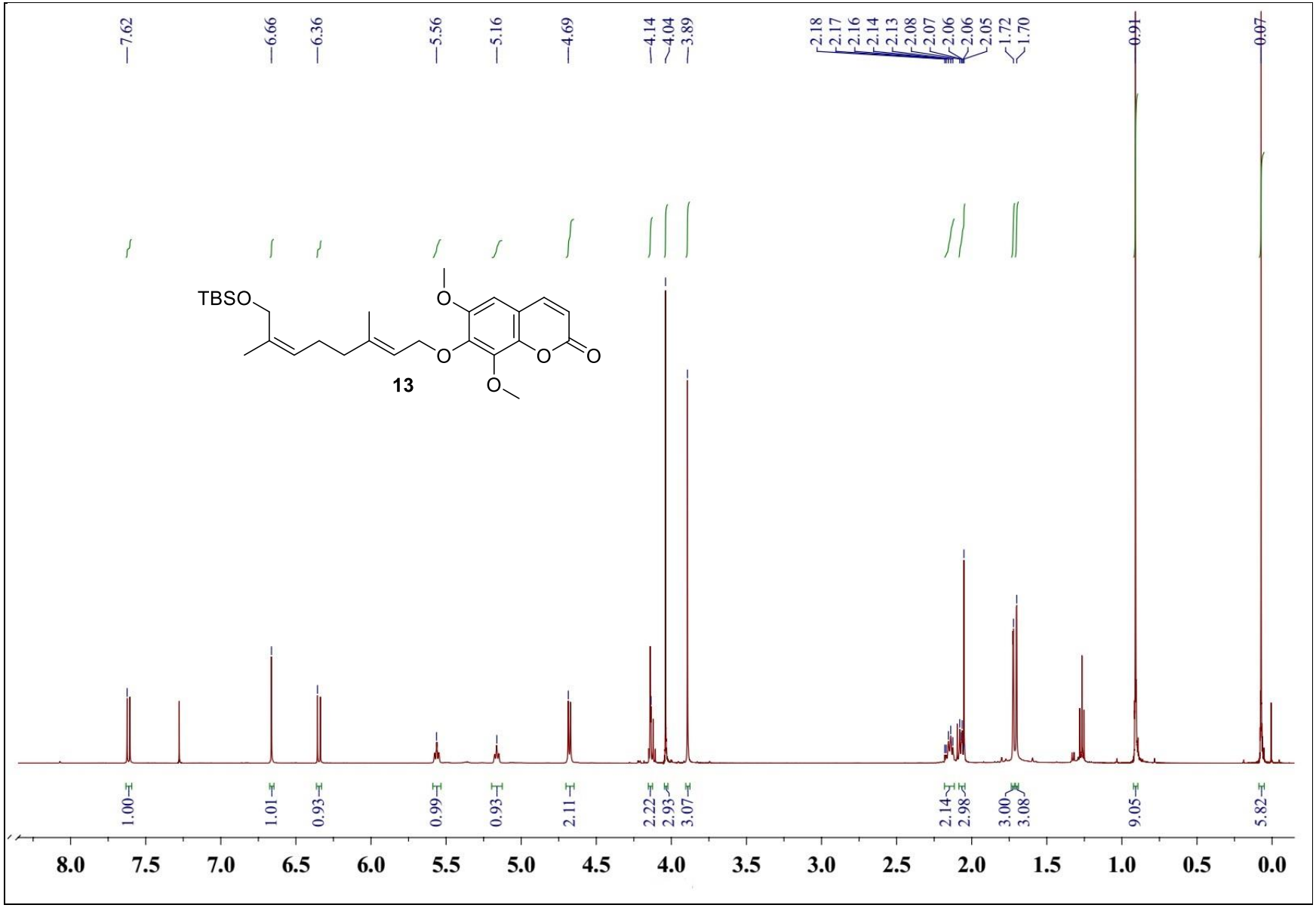
^{13}C NMR of compound 11 in $CDCl_3$ (100 MHz)



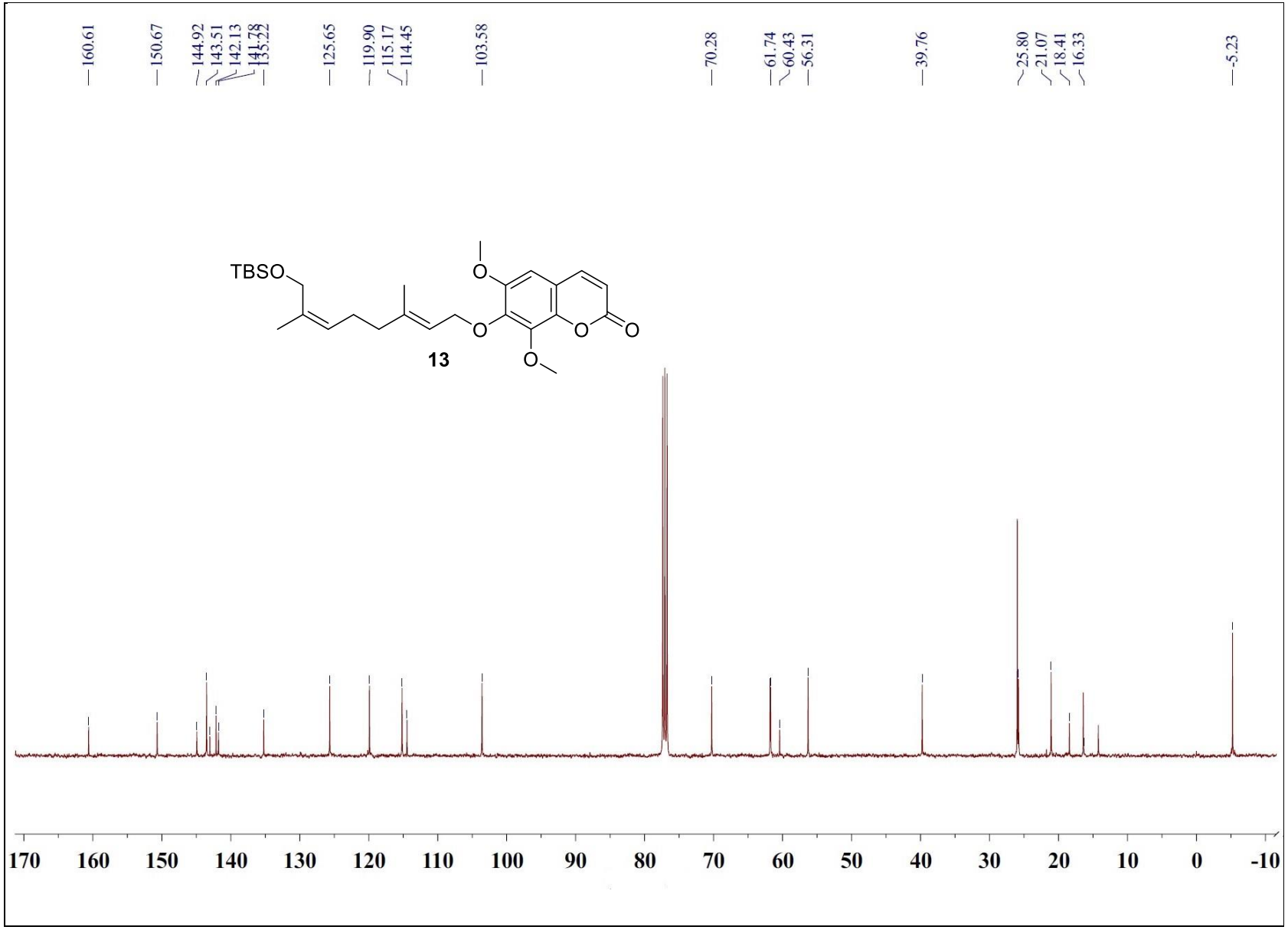
^{1}H NMR of compound 12 in $CDCl_3$ (400 MHz)



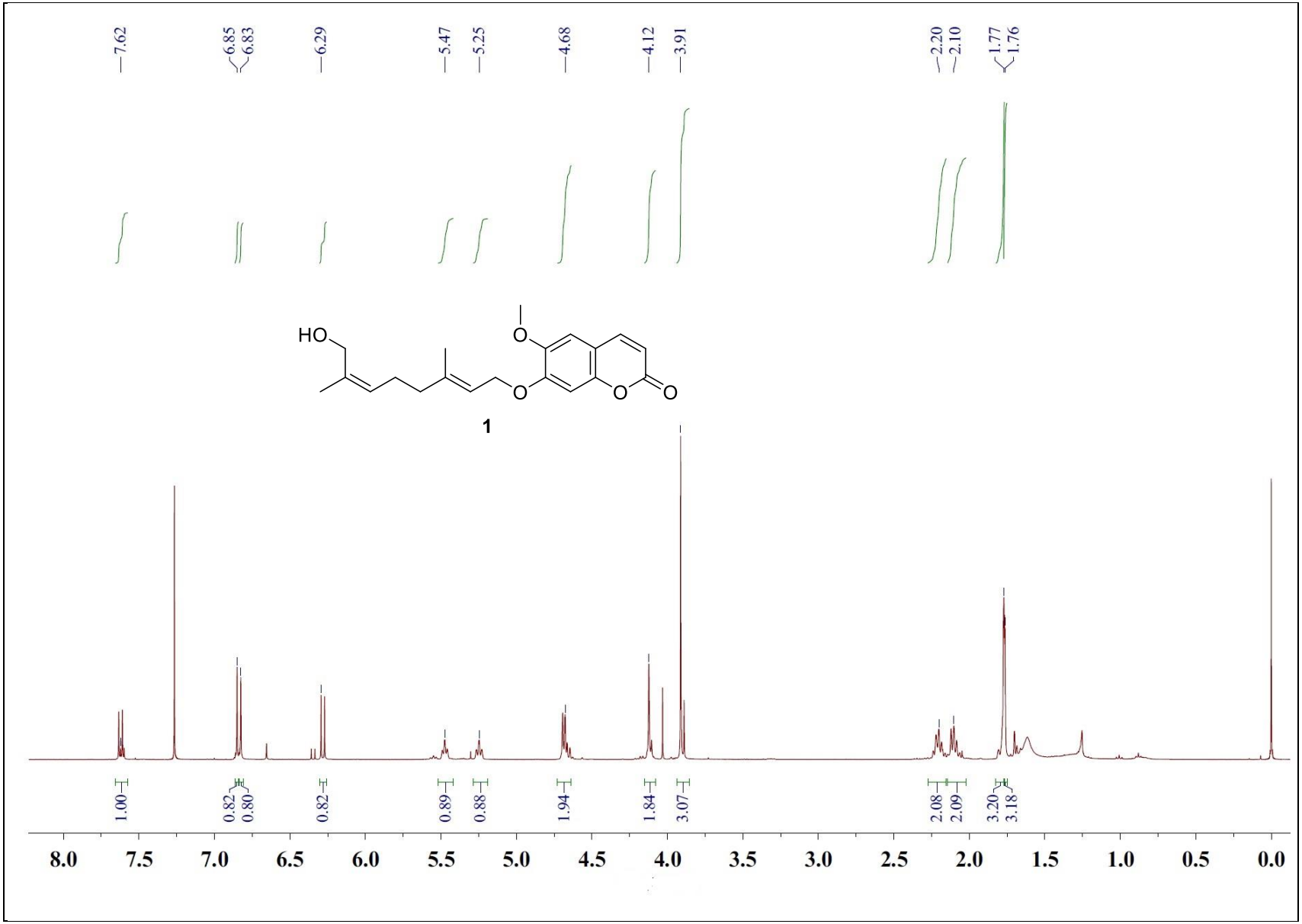
^{13}C NMR of compound 12 in $CDCl_3$ (100 MHz)



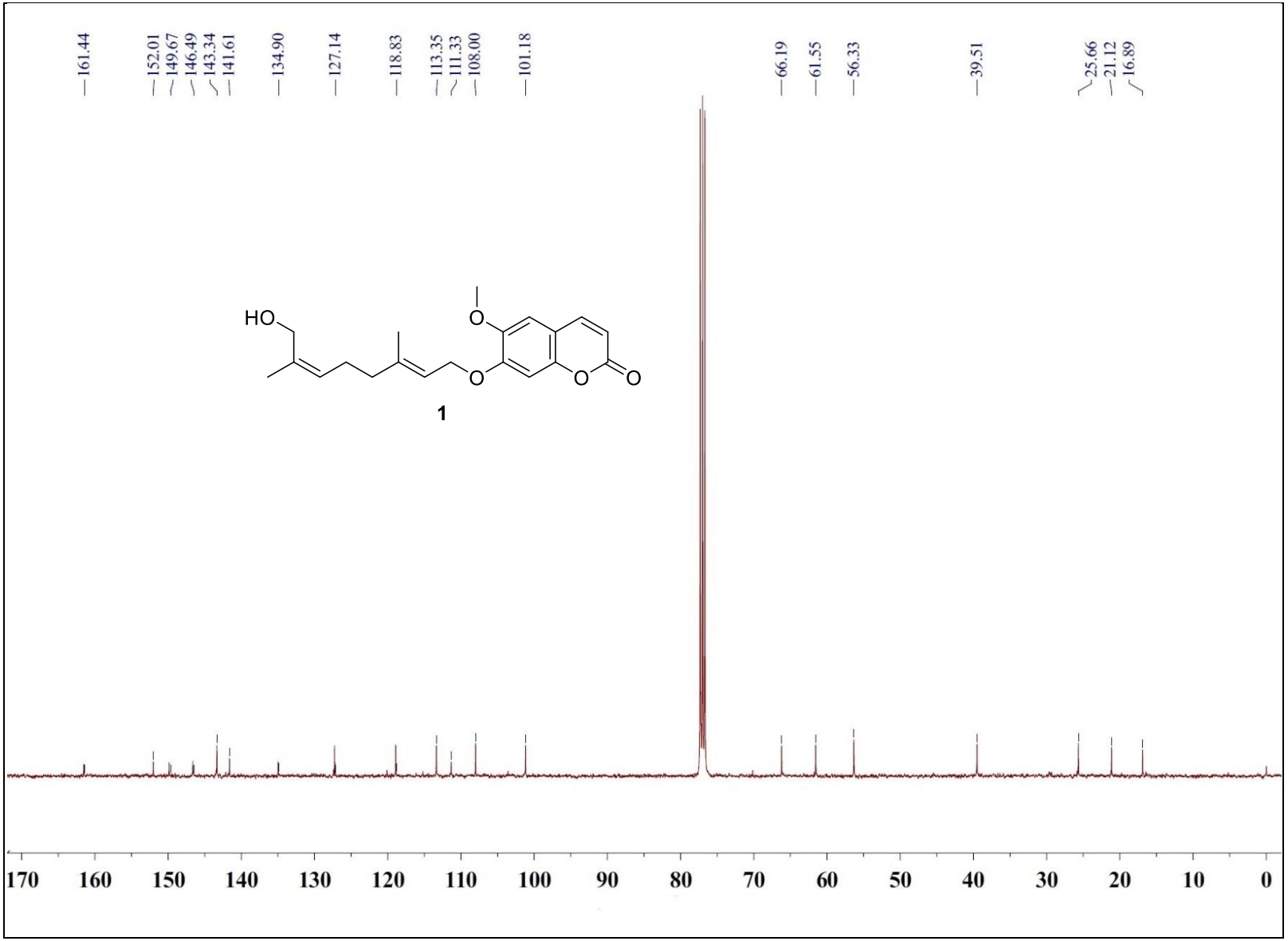
^{1}H NMR of compound 13 in $CDCl_3$ (400 MHz)



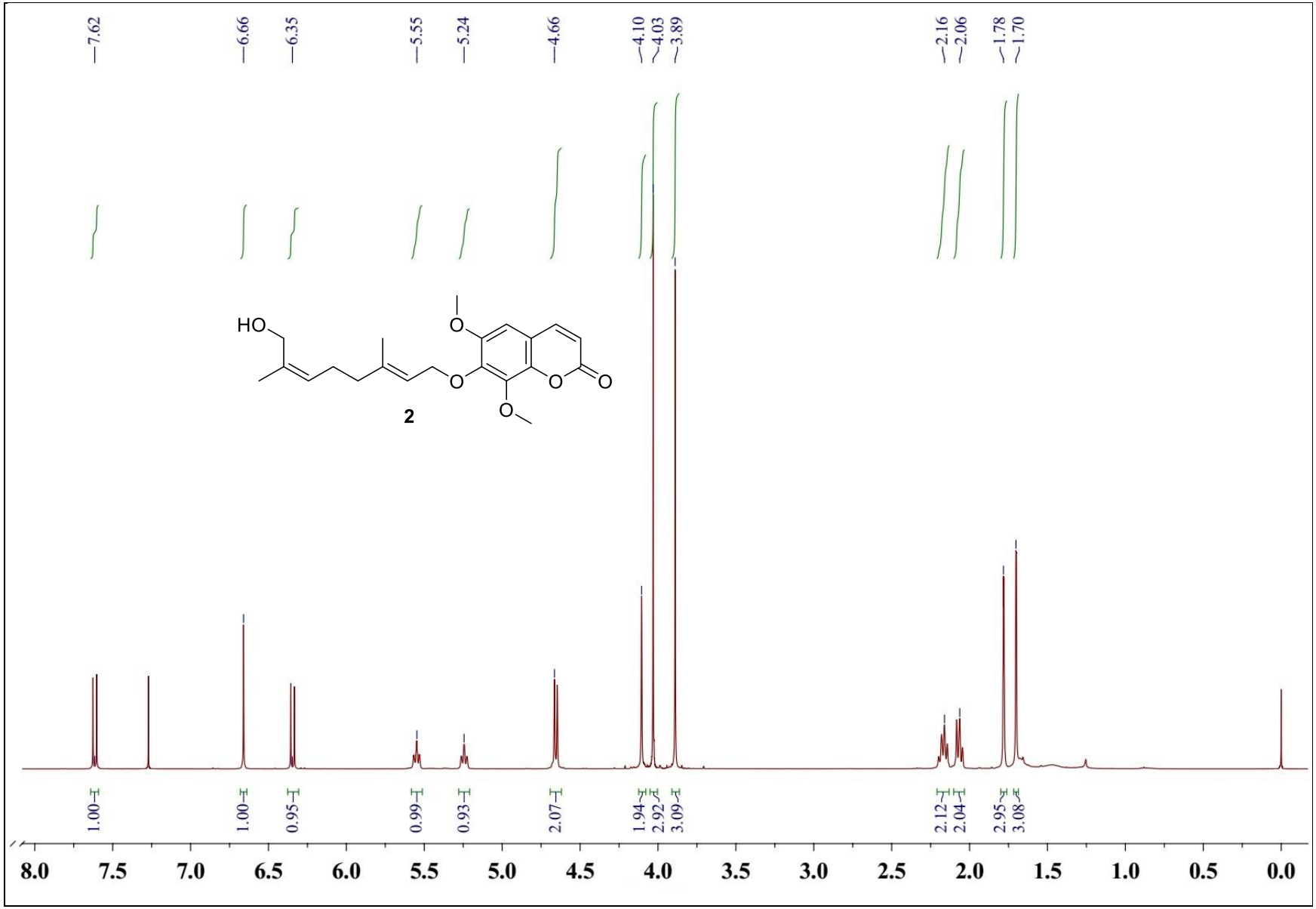
^{13}C NMR of compound 13 in $CDCl_3$ (100 MHz)



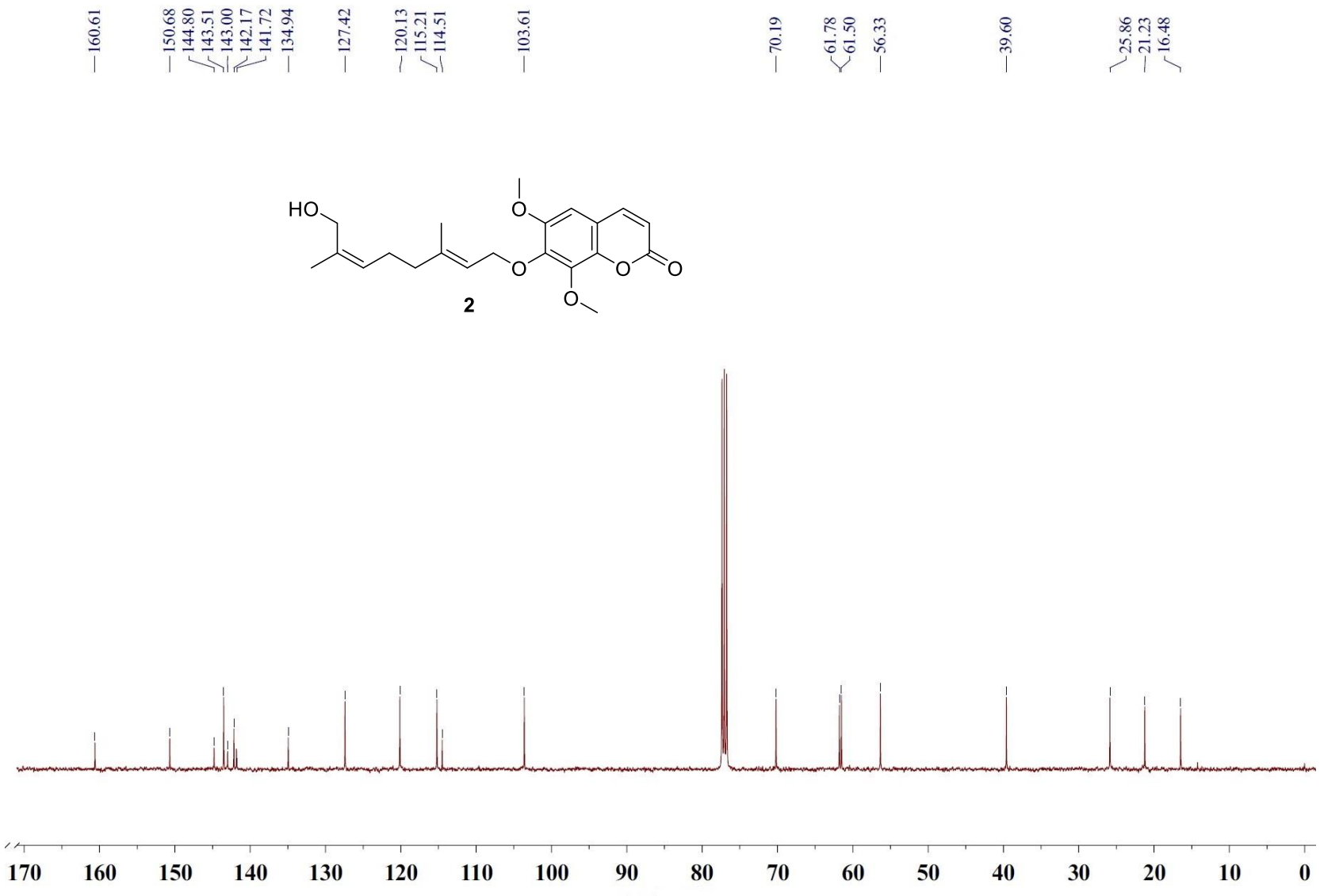
^{1}H NMR of compound 1 in $CDCl_3$ (100 MHz)



^{13}C NMR of compound 1 in $CDCl_3$ (100 MHz)



^{1}H NMR of compound 2 in $CDCl_3$ (400 MHz)



^{13}C NMR of compound 2 in $CDCl_3$ (100 MHz)