

Supplementary Material

Synthesis of methoxychalcone derivatives with isobornyl substituents

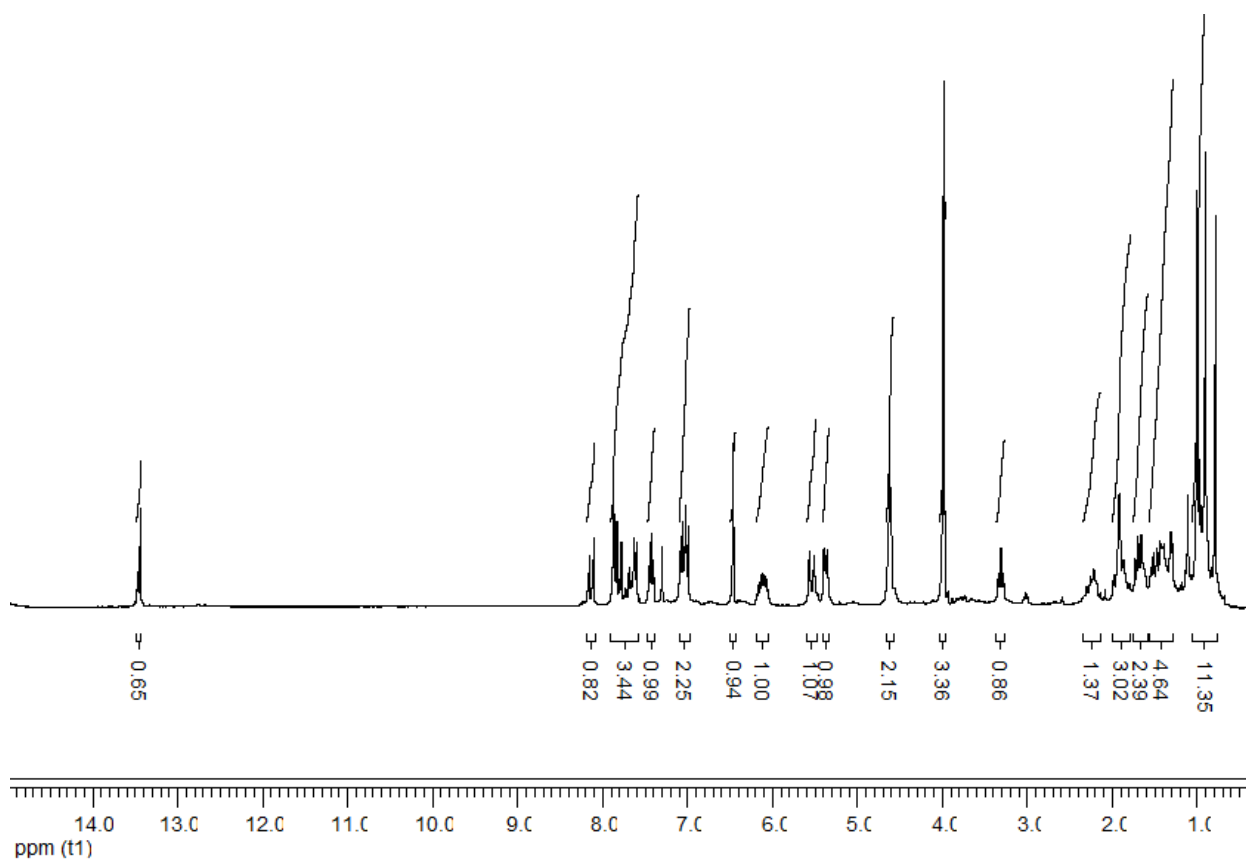
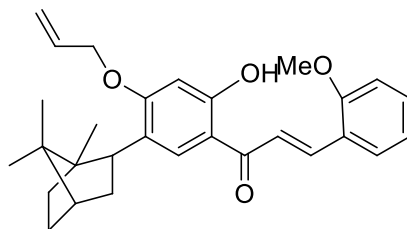
Svetlana A. Popova*, Evgeniya V. Pavlova, Irina Yu. Chukicheva

*Institute of Chemistry Komi Science Centre, Ural Branch of the Russian Academy of Sciences, 48,
Pervomayskaya St., Syktyvkar 167000, Russian Federation*

Email: popova-sa@chemi.komisc.ru

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3-(2-Methoxyphenyl)-1'-(5'-isobornyl-4'-allyloxy-2'-hydroxyphenyl)-propenone (12)**Figure 1:** ^1H NMR (CDCl_3) spectrum of compound **12**.

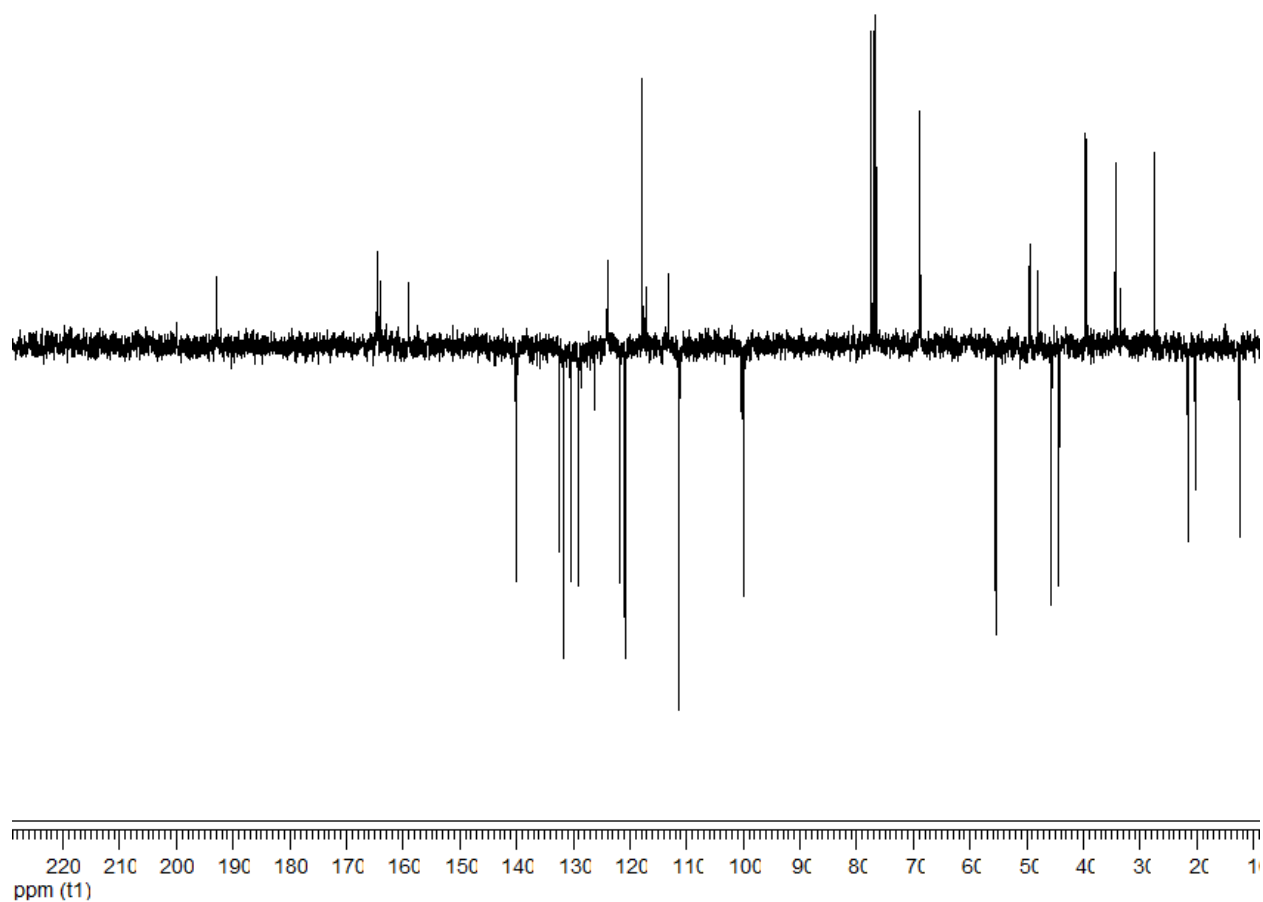
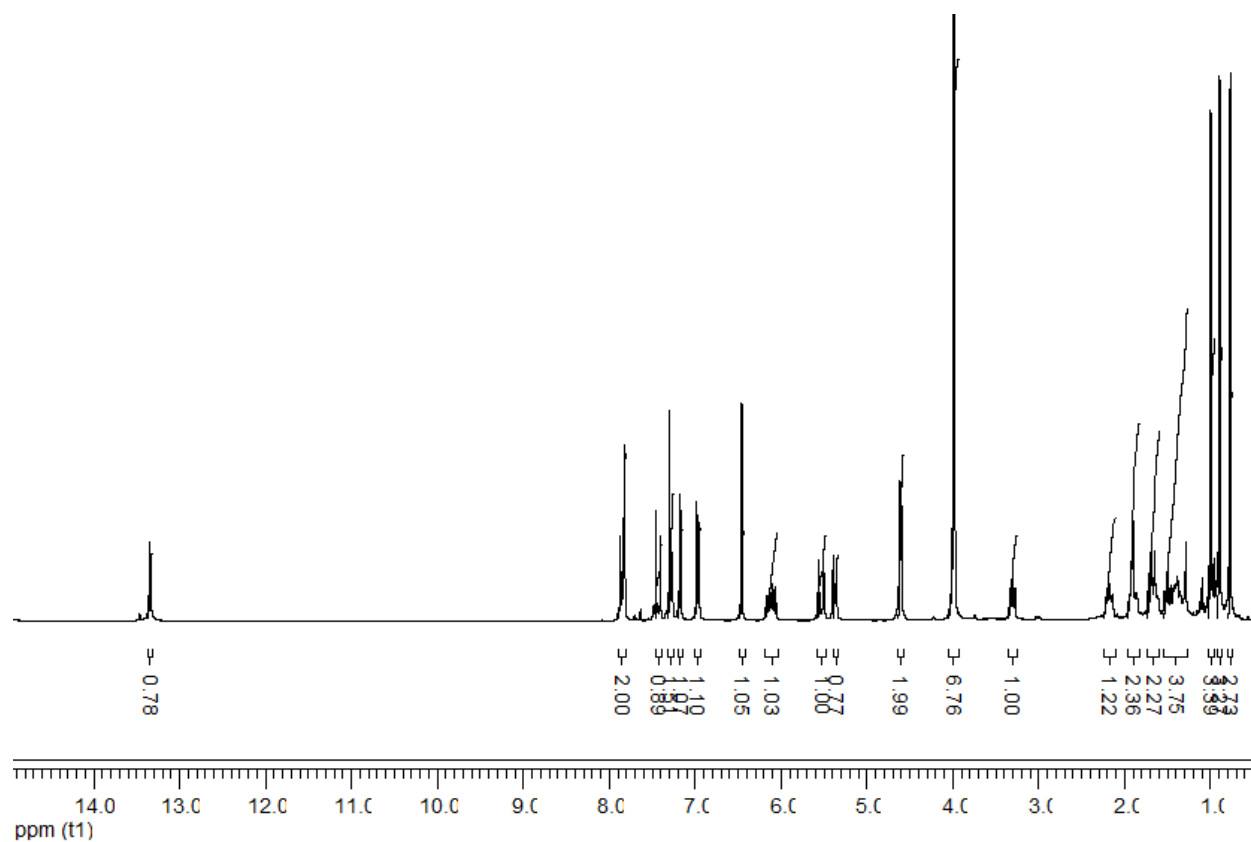
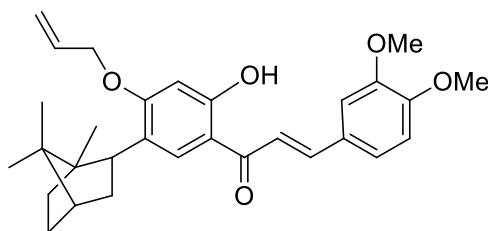


Figure 2: ^{13}C NMR (CDCl_3) spectrum of compound 12.

3-(3,4-Dimethoxyphenyl)-1'-(5'-isobornyl-4'-allyloxy-2'-hydroxyphenyl)-propenone (16)

Figure 3: ^1H NMR (CDCl_3) spectrum of compound **16**.

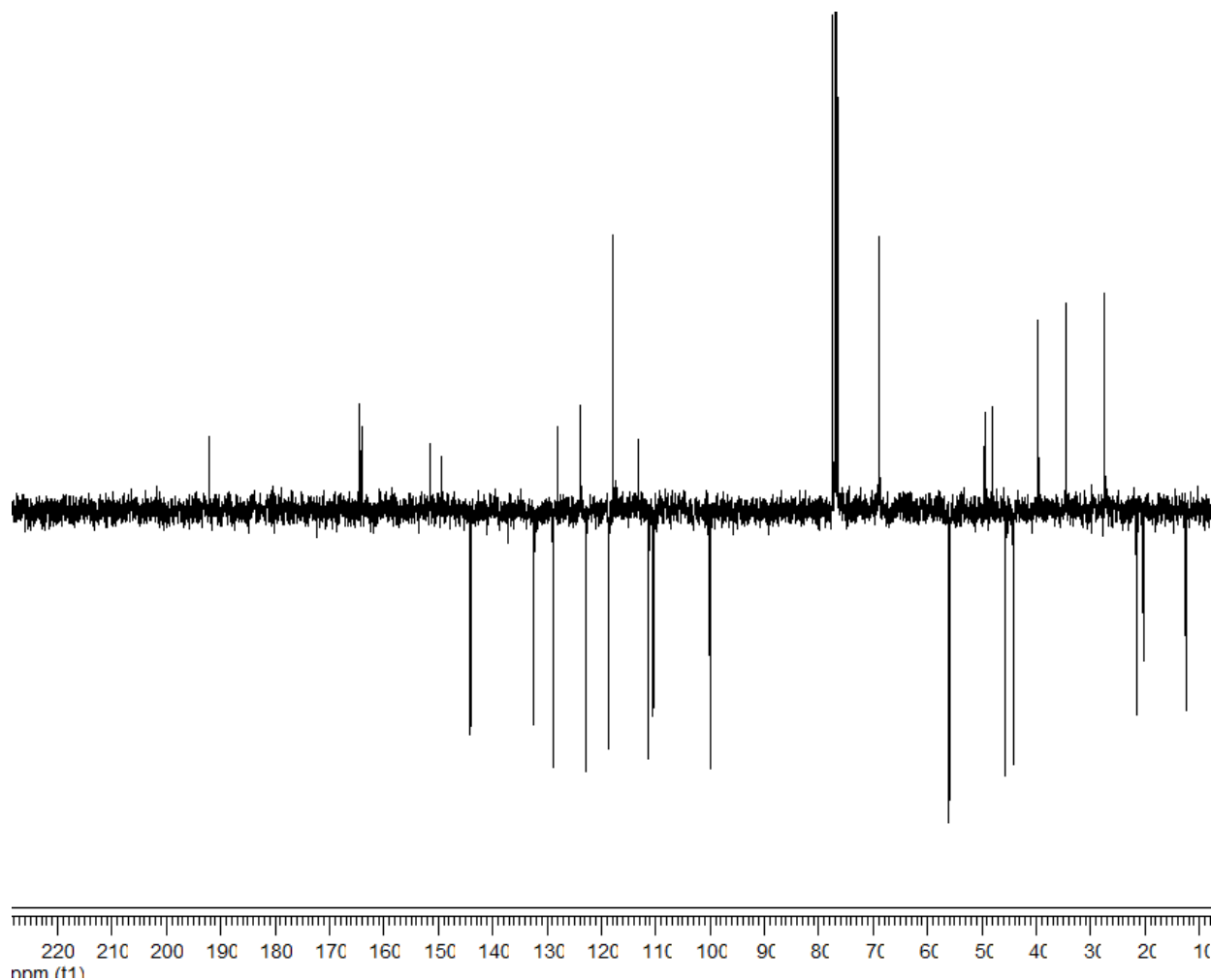
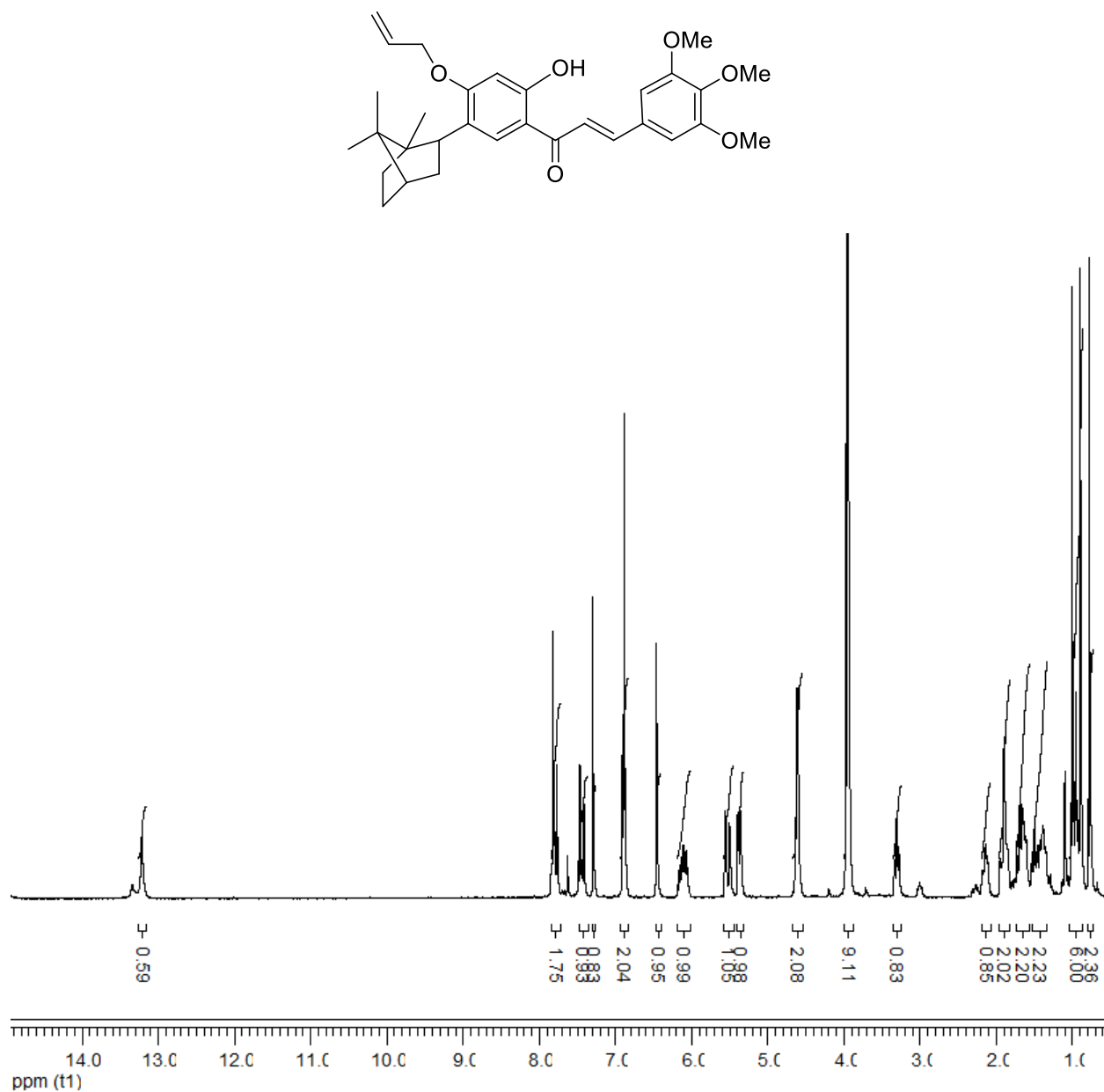


Figure 4: ^{13}C NMR (CDCl_3) spectrum of compound **16**.

3-(3,4,5-Trimethoxyphenyl)-1'-(5'-isobornyl-4'-allyloxy-2'-hydroxyphenyl)-propenone (18)**Figure 5:** ¹H NMR (CDCl₃) spectrum of compound 18.

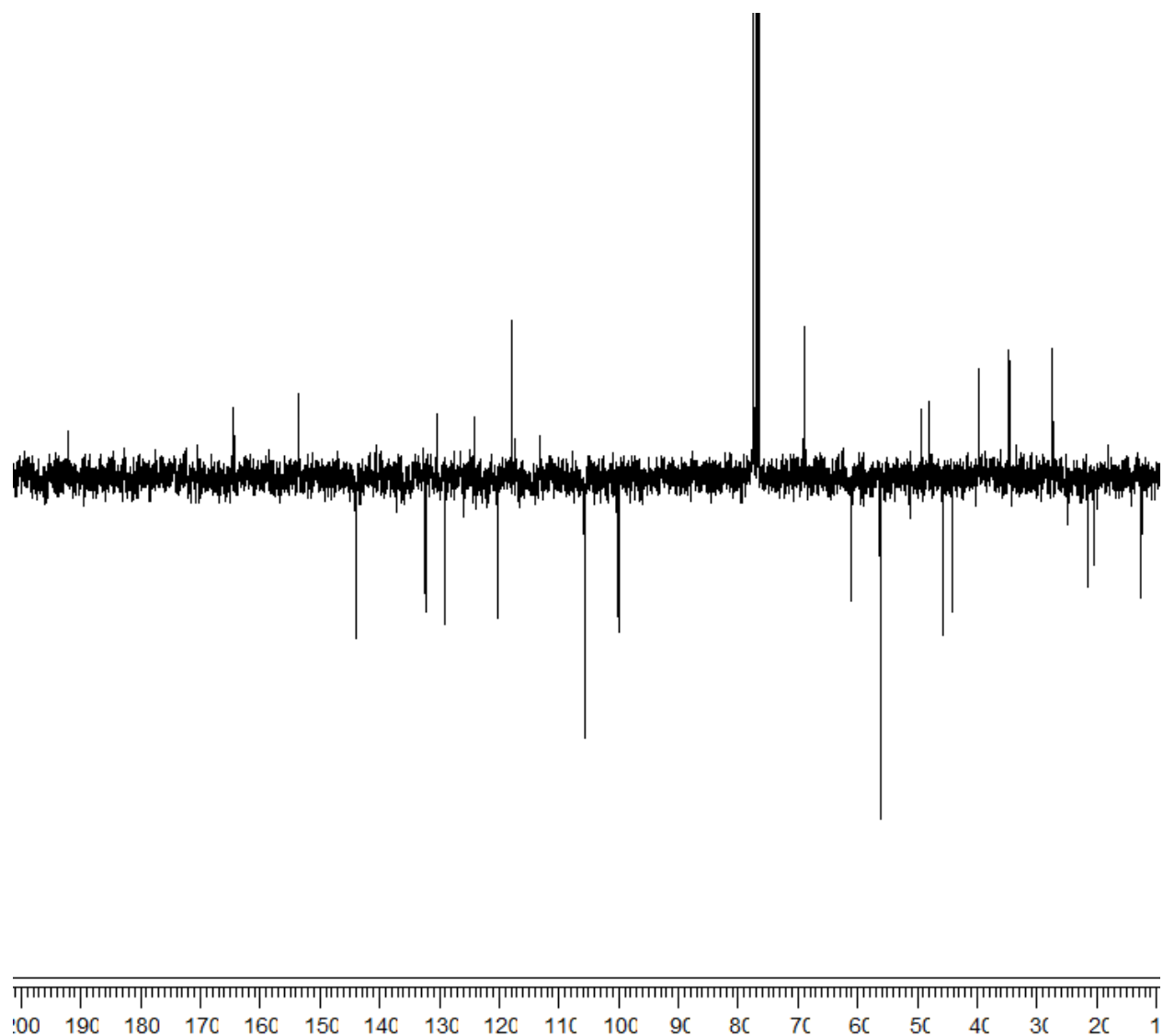
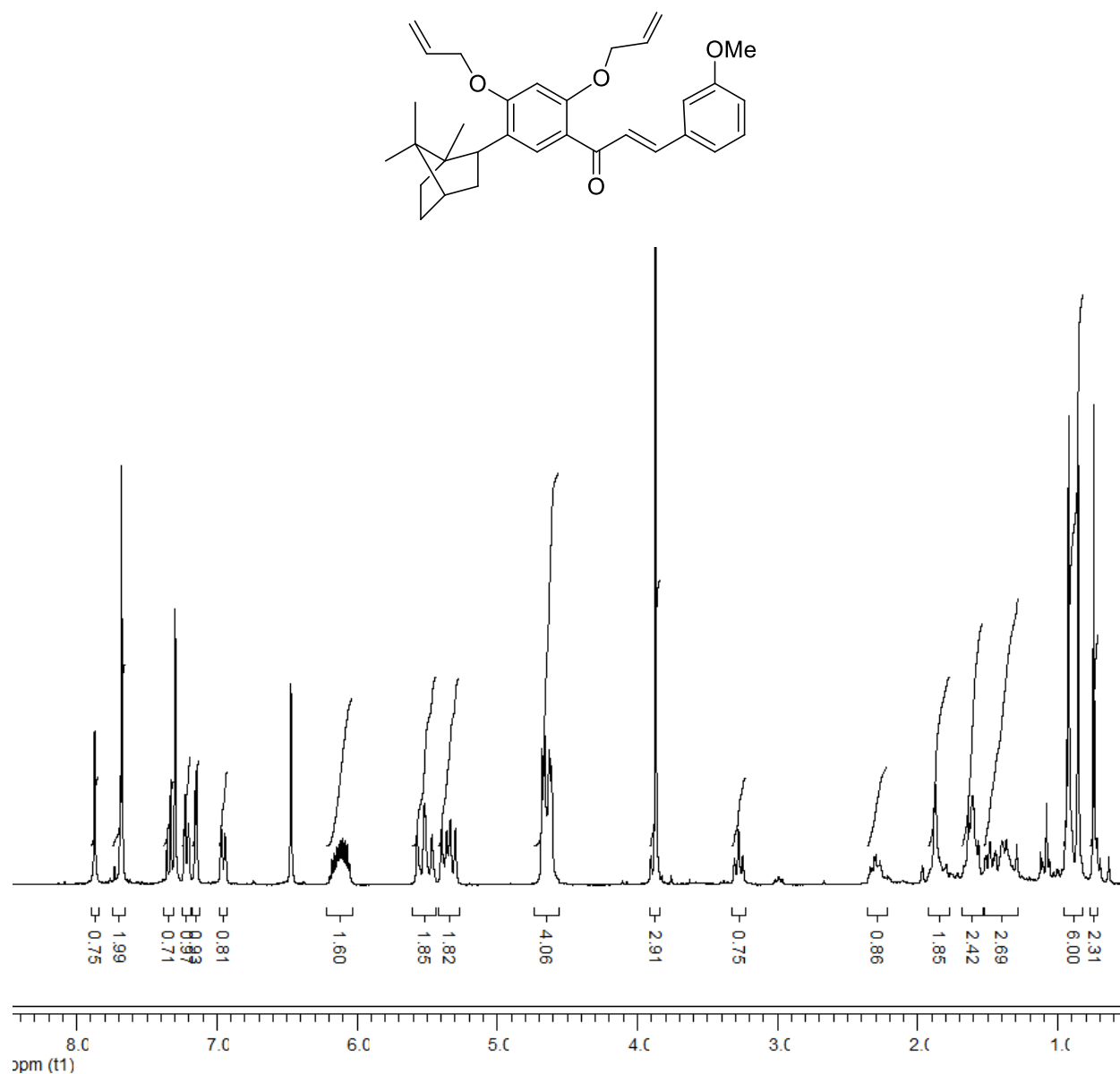


Figure 6: ^{13}C NMR (CDCl_3) spectrum of compound **18**.

3-(3-Methoxyphenyl)-1'-(5'-isobornyl -2,4'-diallyloxyphenyl)-propenone (20)

**Figure 7:** ^1H NMR (CDCl_3) spectrum of compound 20.

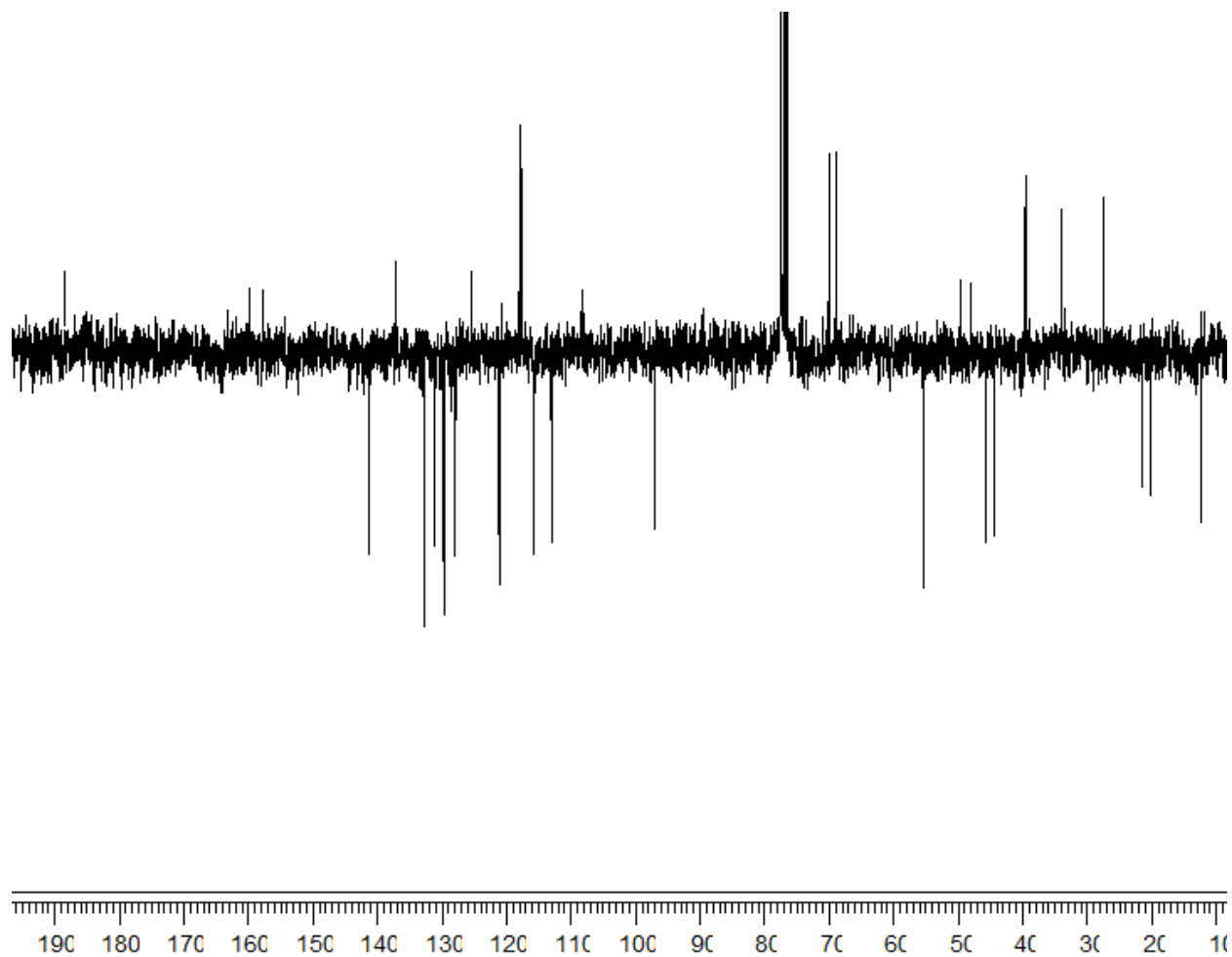
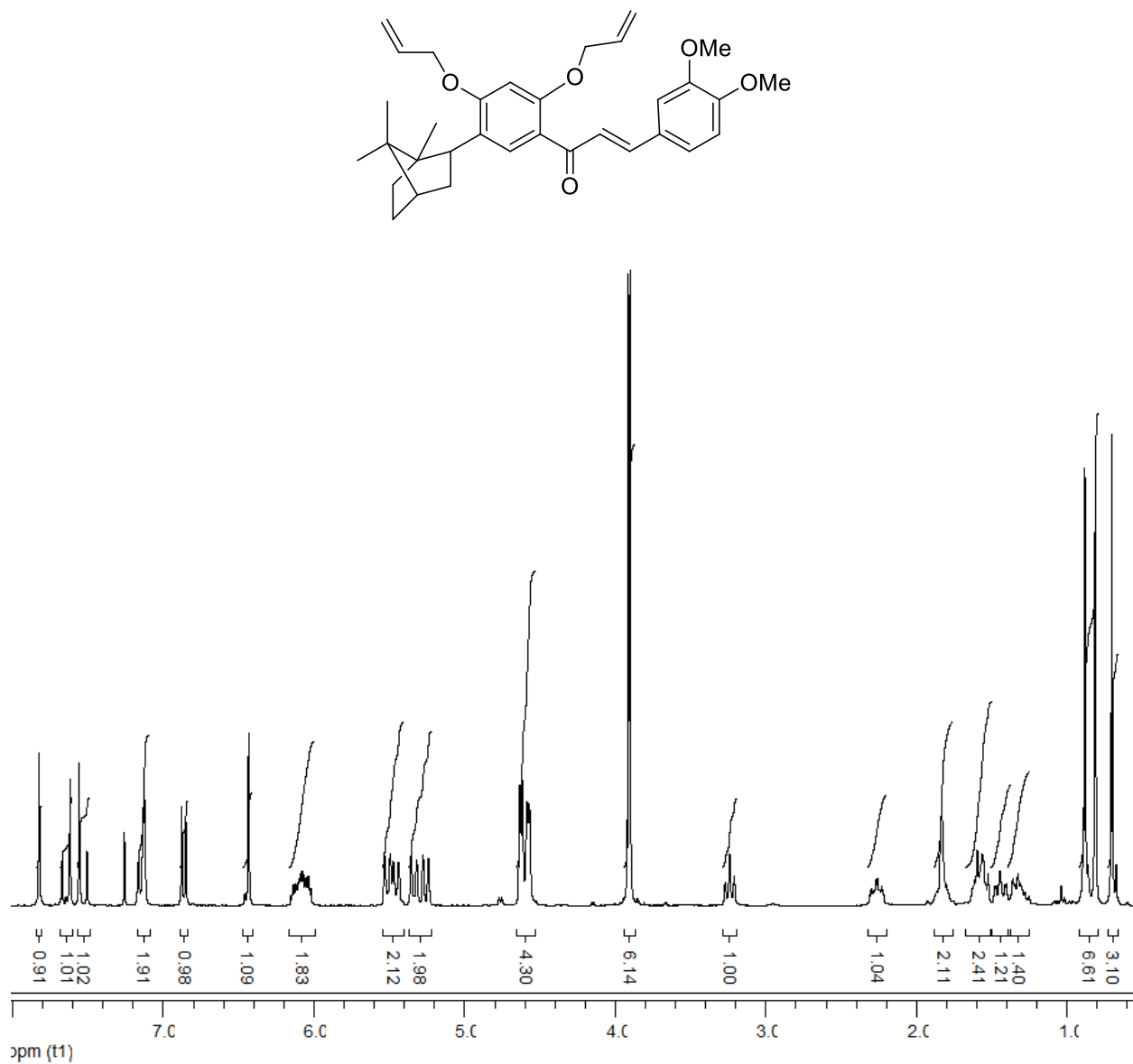


Figure 8: ^{13}C NMR (CDCl_3) spectrum of compound **20**.

3-(3,4-Dimethoxyphenyl)-1'-(5'-isobornyl-2',4'-diallyloxyphenyl)-propenone (23)**Figure 9:** ¹H NMR (CDCl₃) spectrum of compound 23.

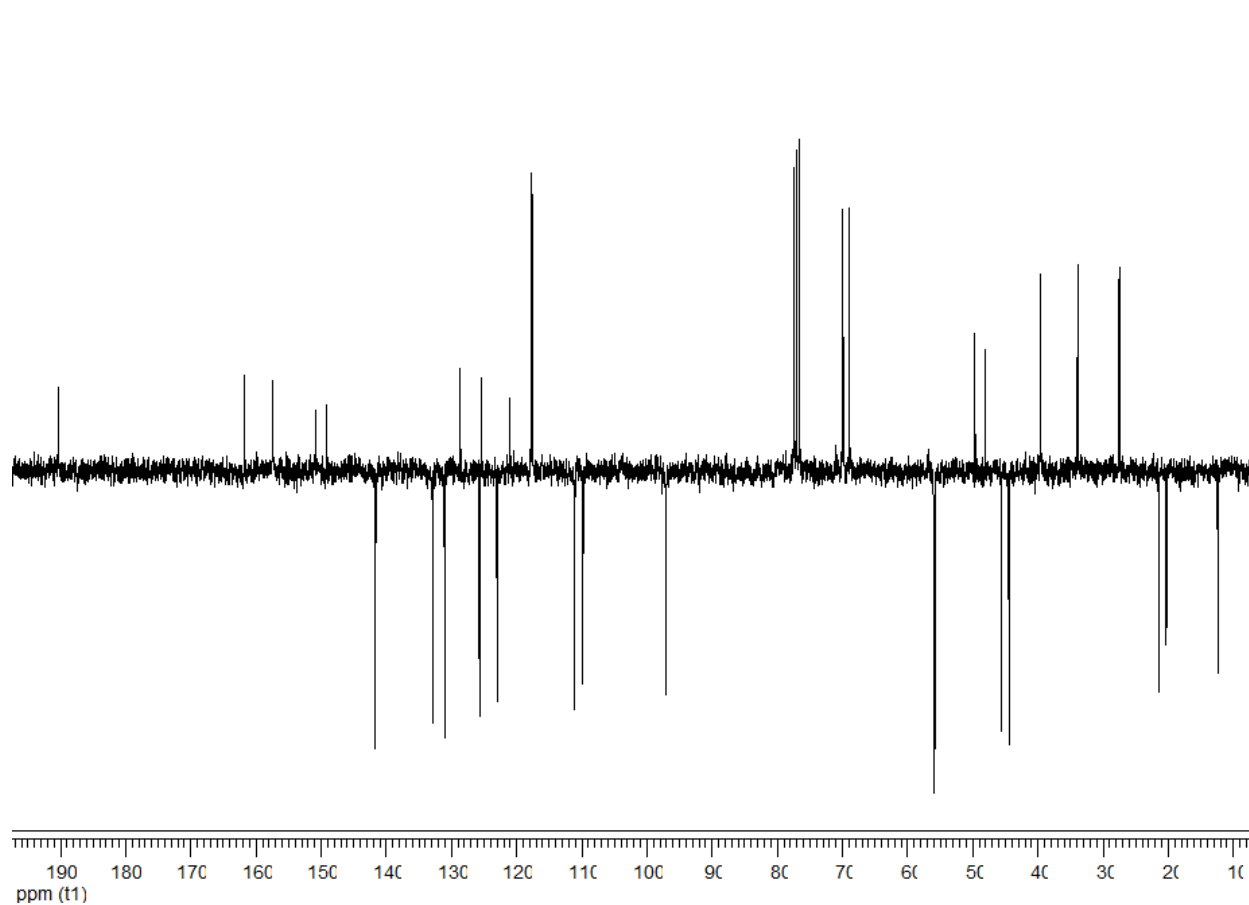
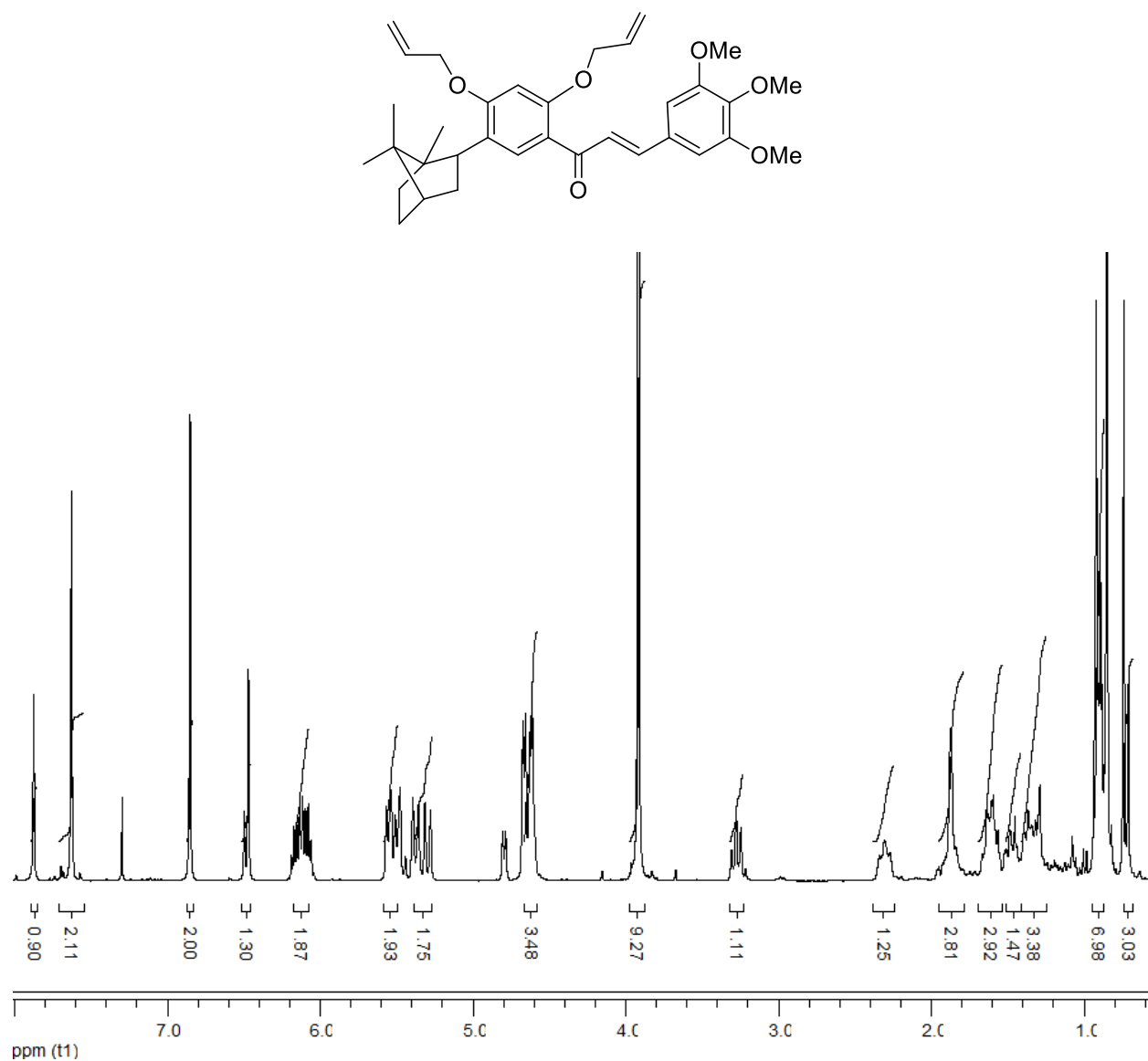


Figure 10: ^{13}C NMR (CDCl_3) spectrum of compound **23**.

3-(3,4,5-Trimethoxyphenyl)-1'-(5'-isobornyl-2',4'-diallyloxyphenyl)-propenone (25)

**Figure 11:** ^1H NMR (CDCl₃) spectrum of compound 25.

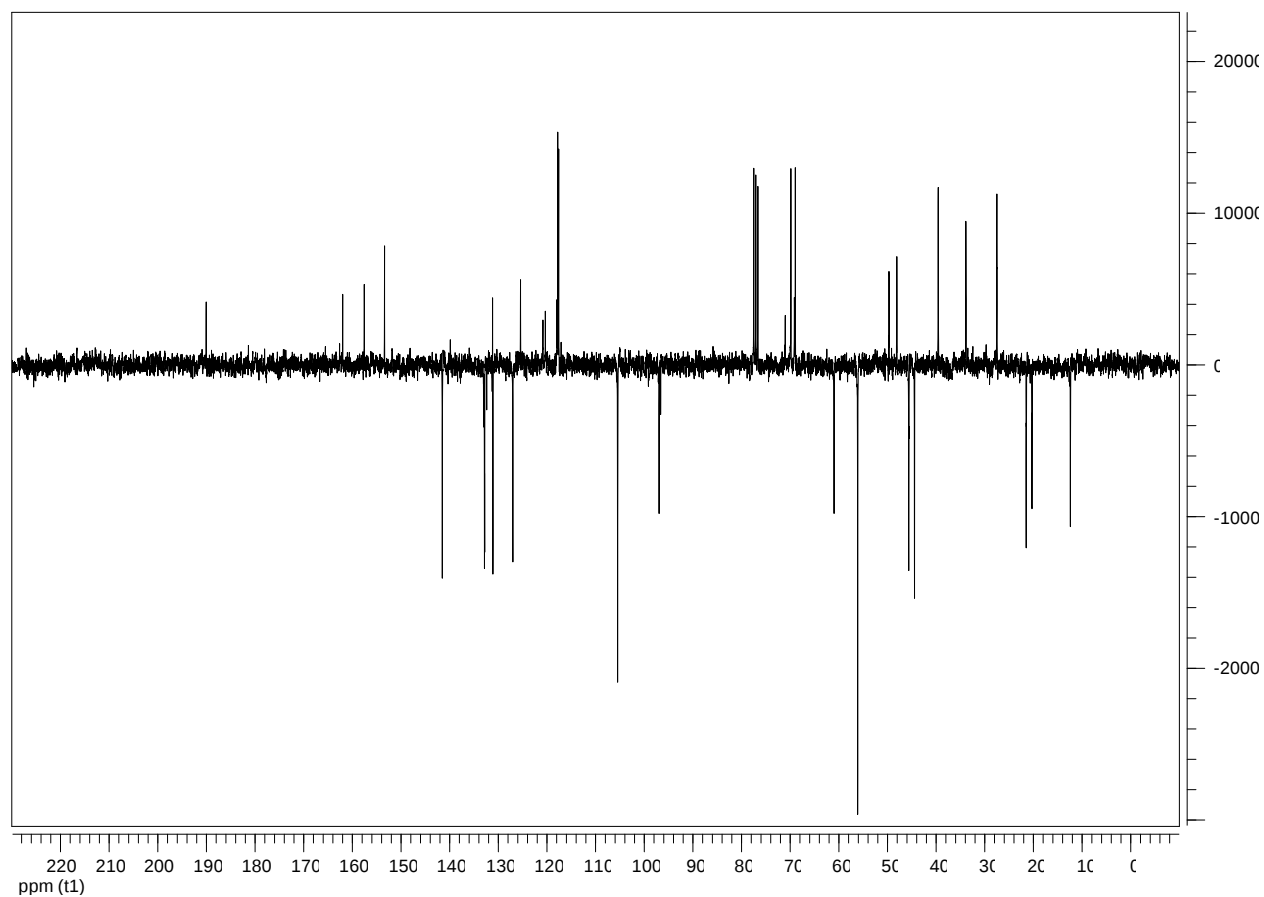


Figure 12: ^{13}C NMR (CDCl_3) spectrum of compound 25.