

Supporting Information
for
**Synthesis of a sucrose-based macrocycle with unsymmetrical
monosaccharides "arms"**

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Copies of NMR spectra

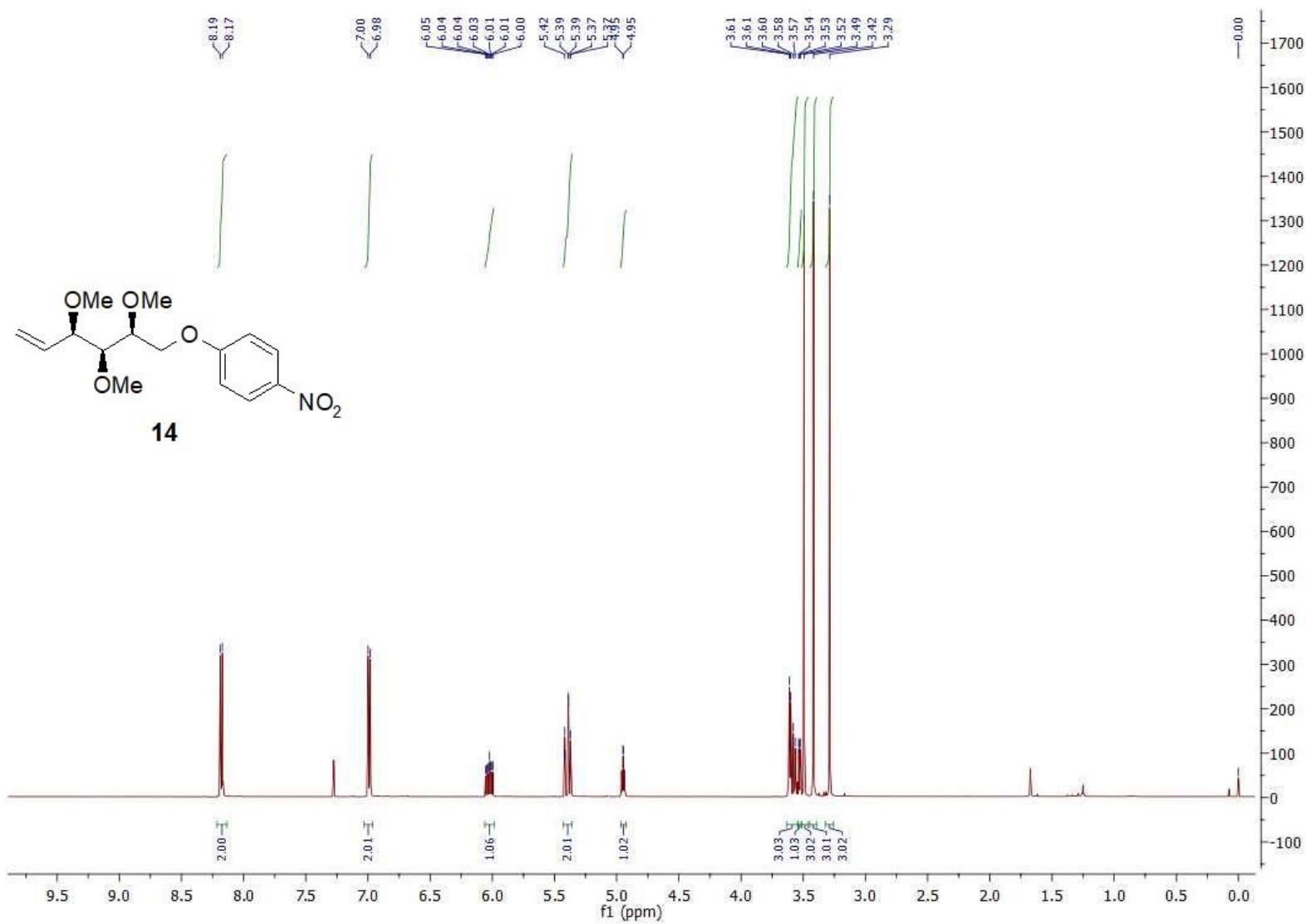


Figure S1 ^1H NMR spectrum of compound **14**.

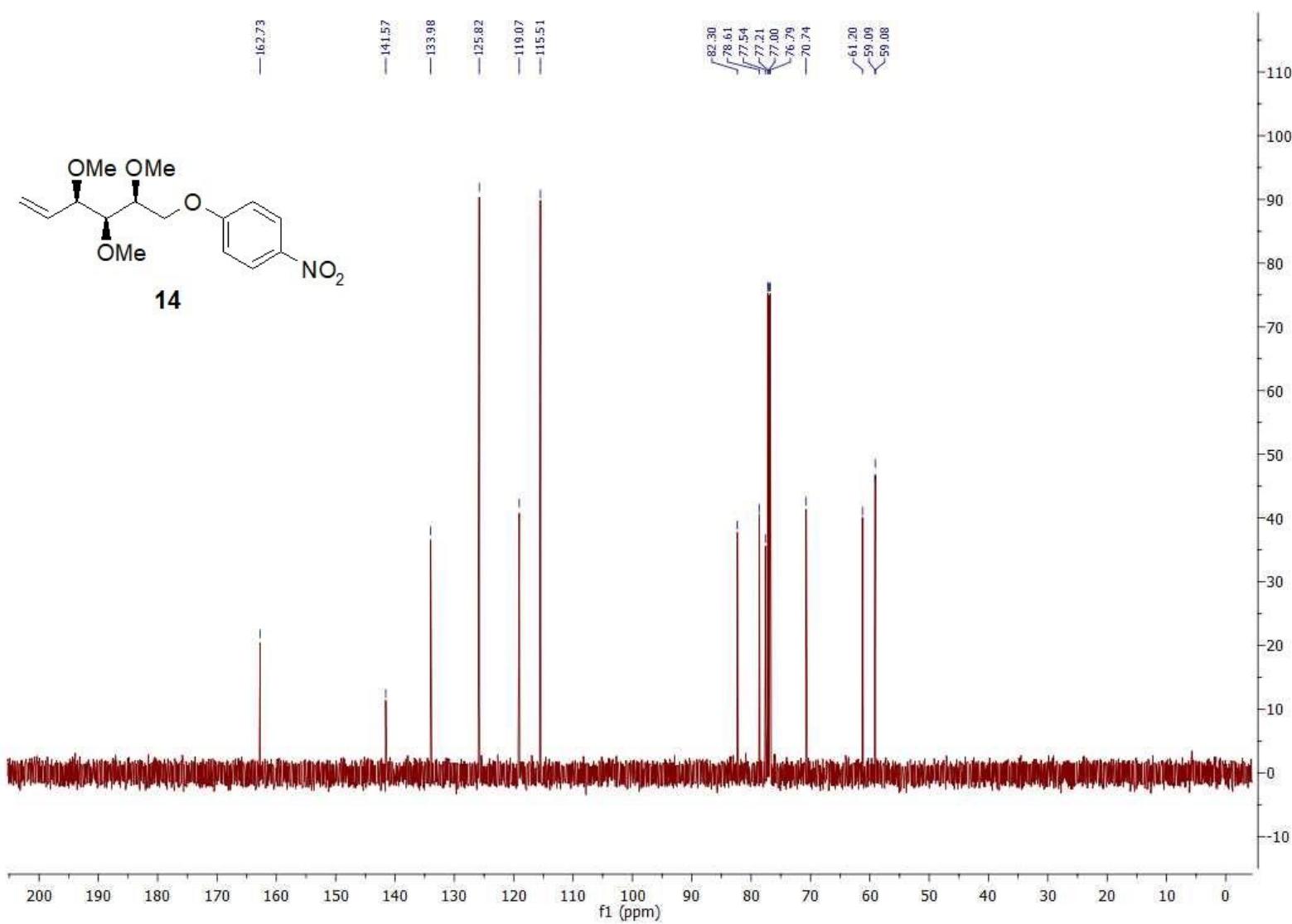


Figure S2 ^{13}C NMR spectrum of compound 14.

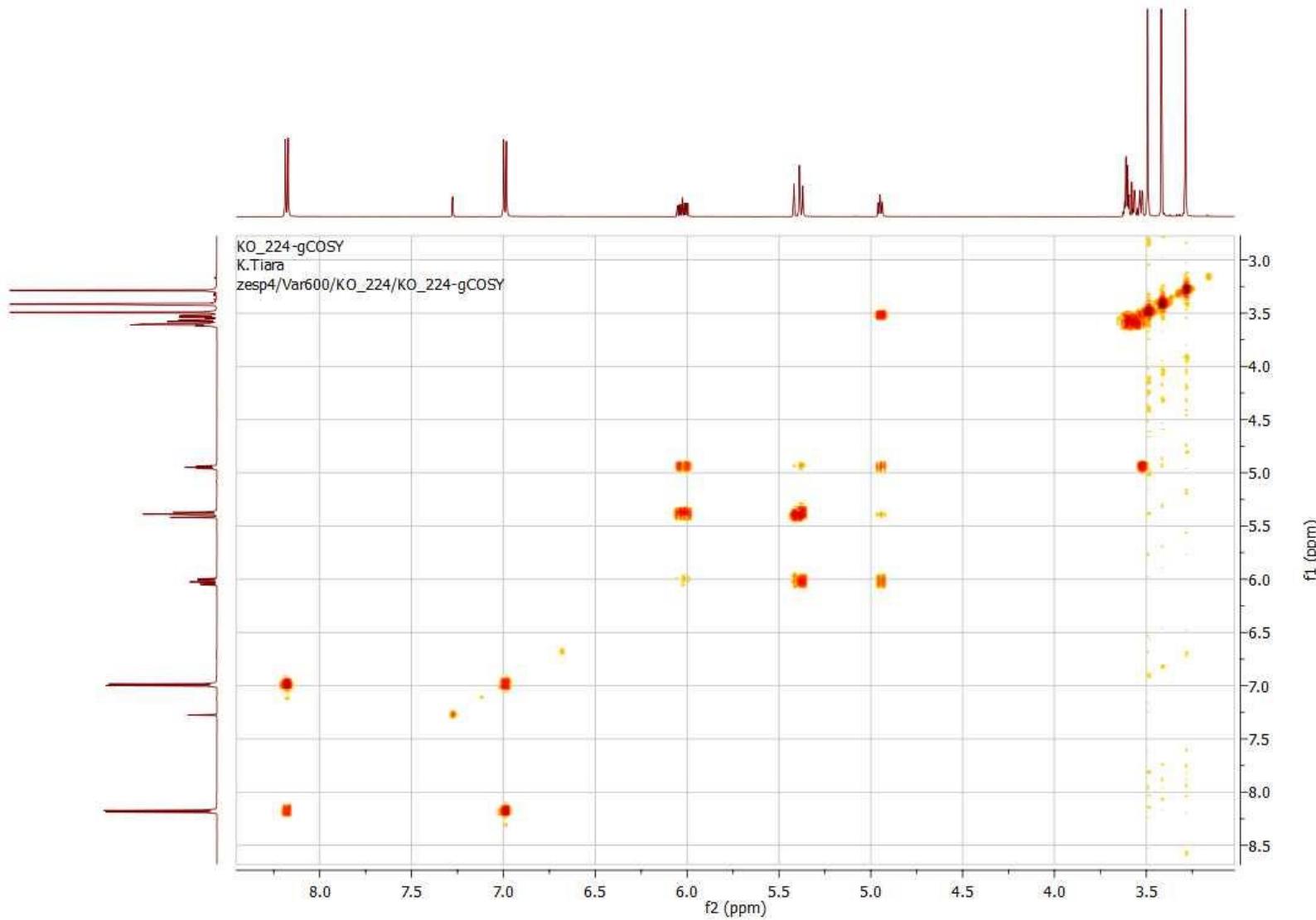


Figure S3 gCOSY spectrum of compound **14**.

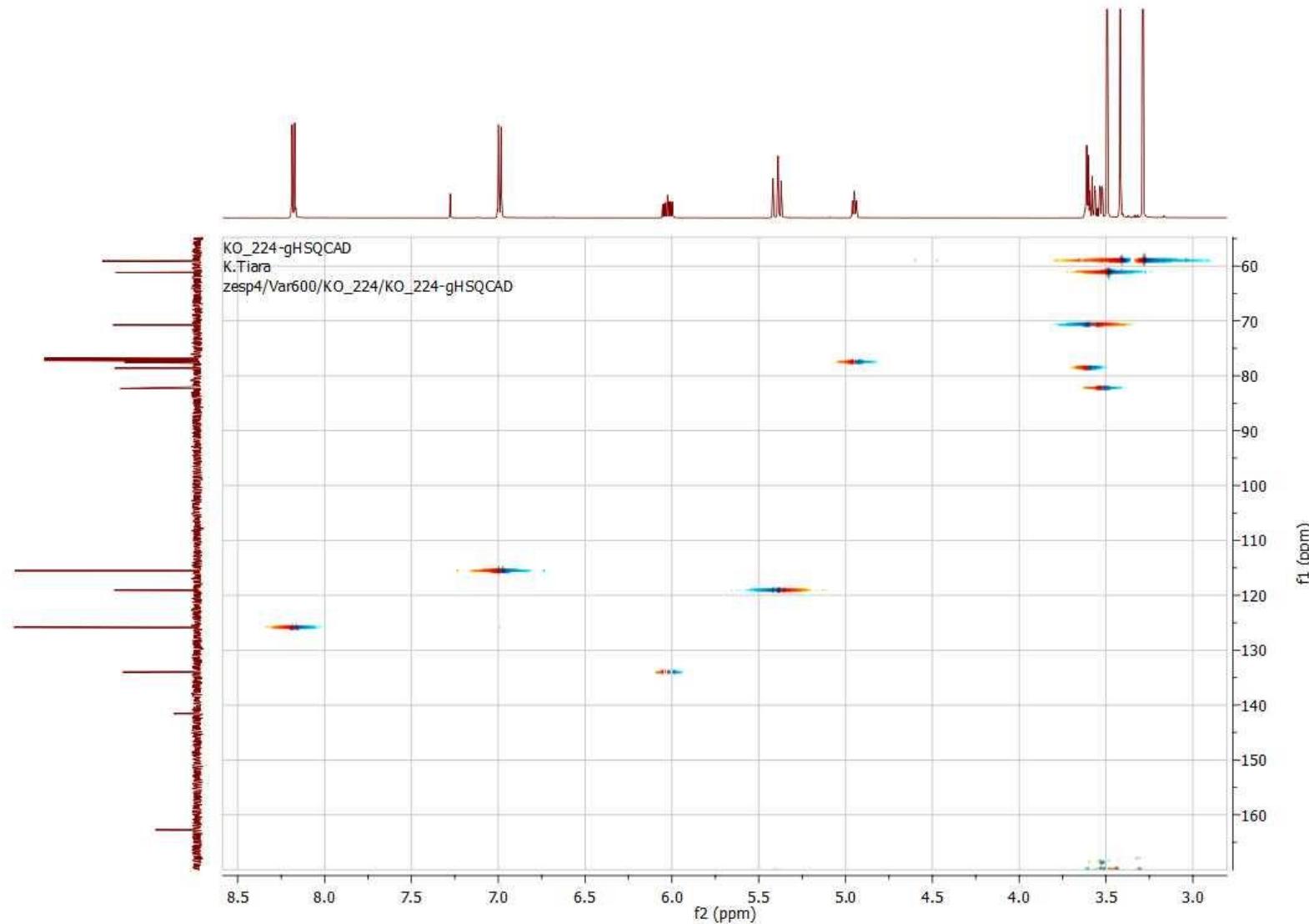


Figure S4 gHSQCAD spectrum of compound **14**.

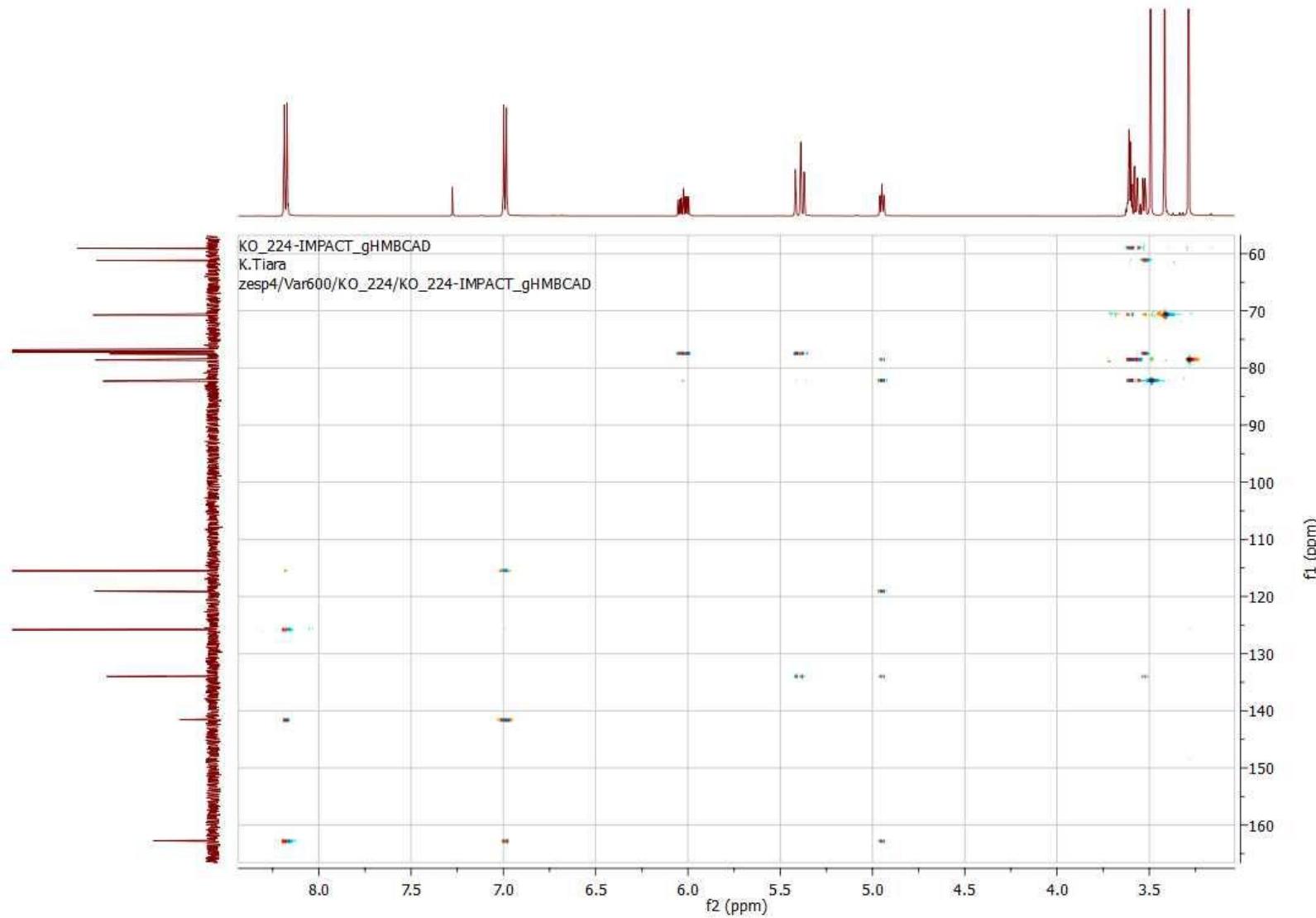


Figure S5 gHMBCAD spectrum of compound **14**.

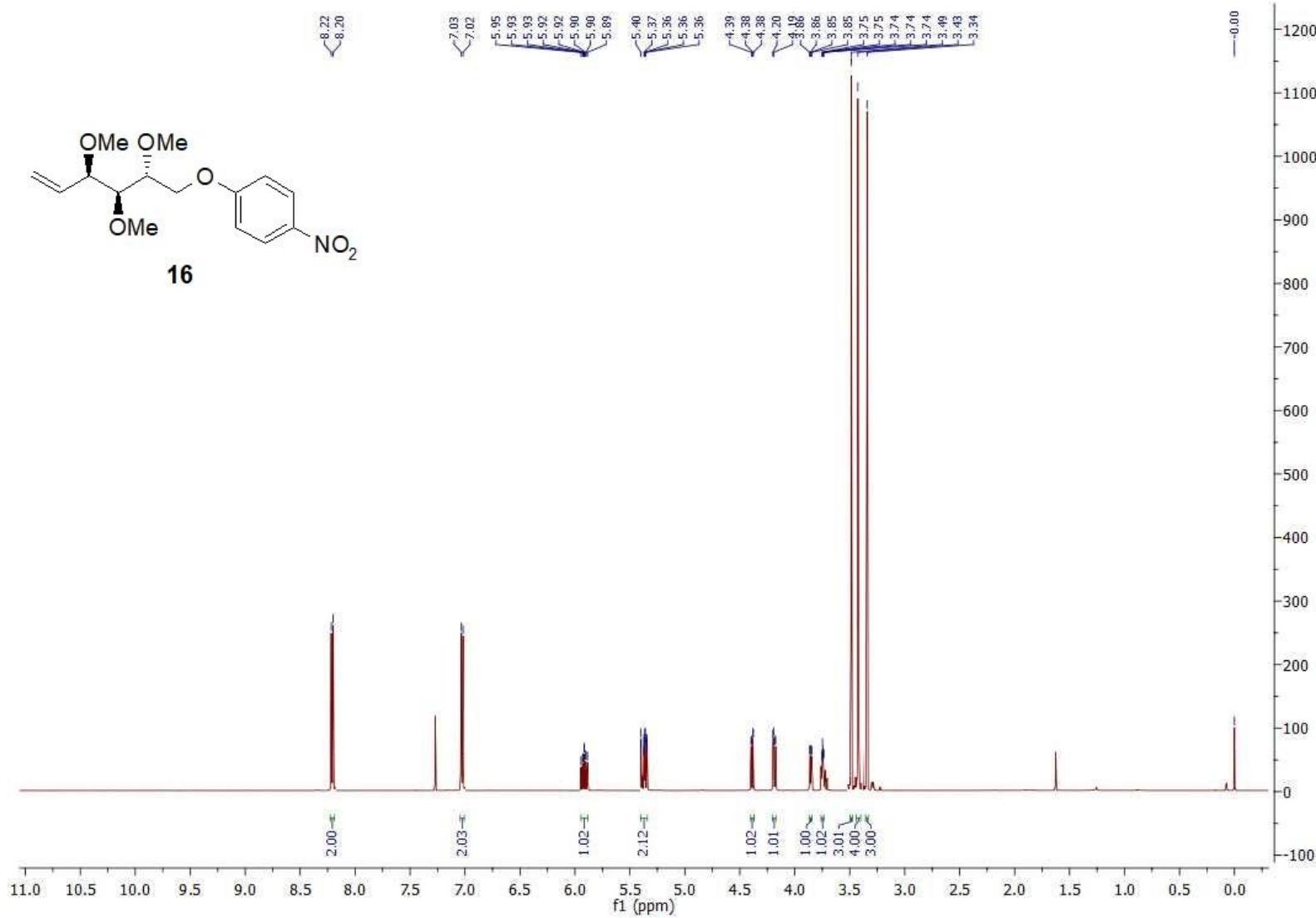


Figure S6 ^1H NMR spectrum of compound **16**.

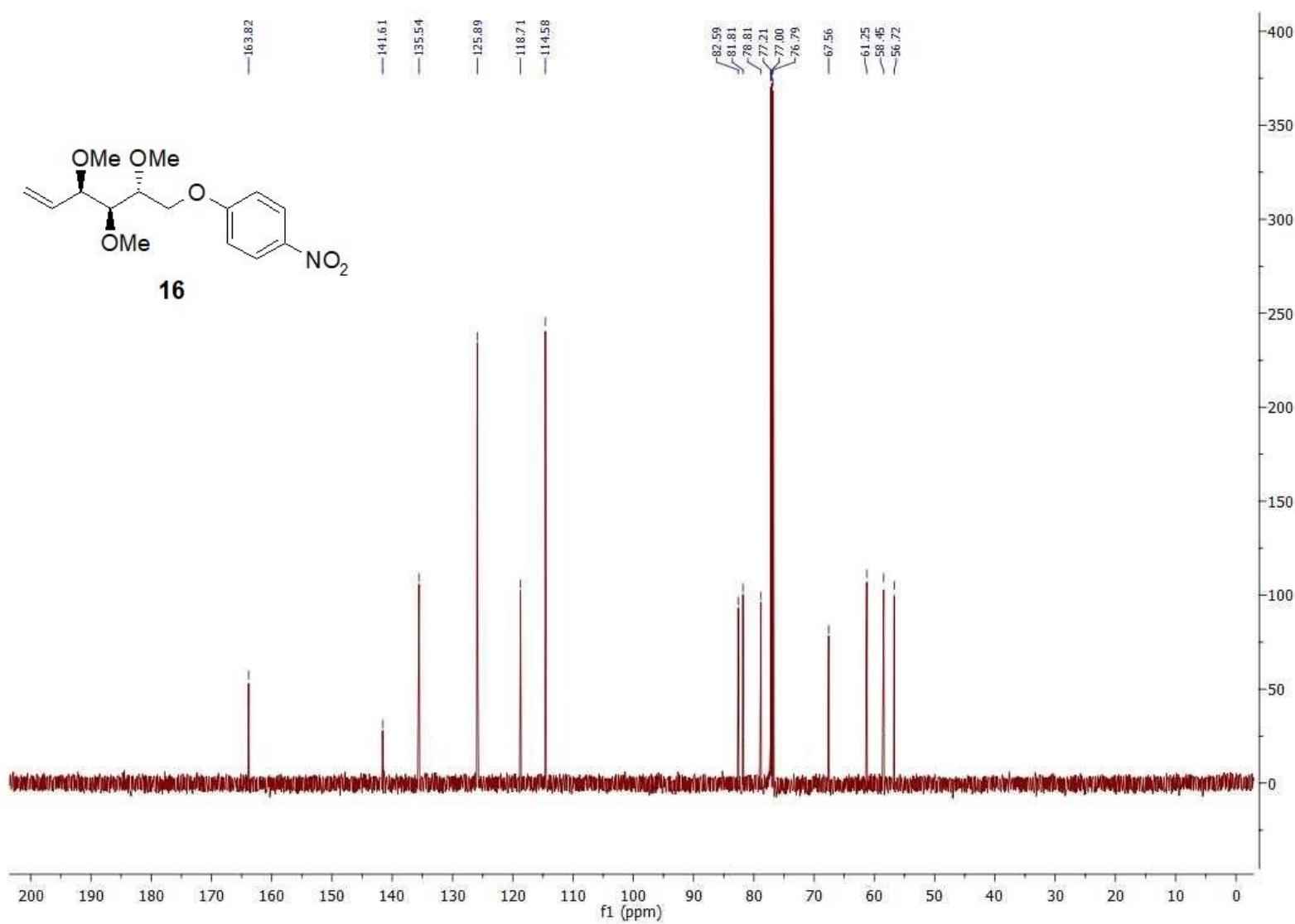


Figure S7 ^{13}C NMR spectrum of compound 16.

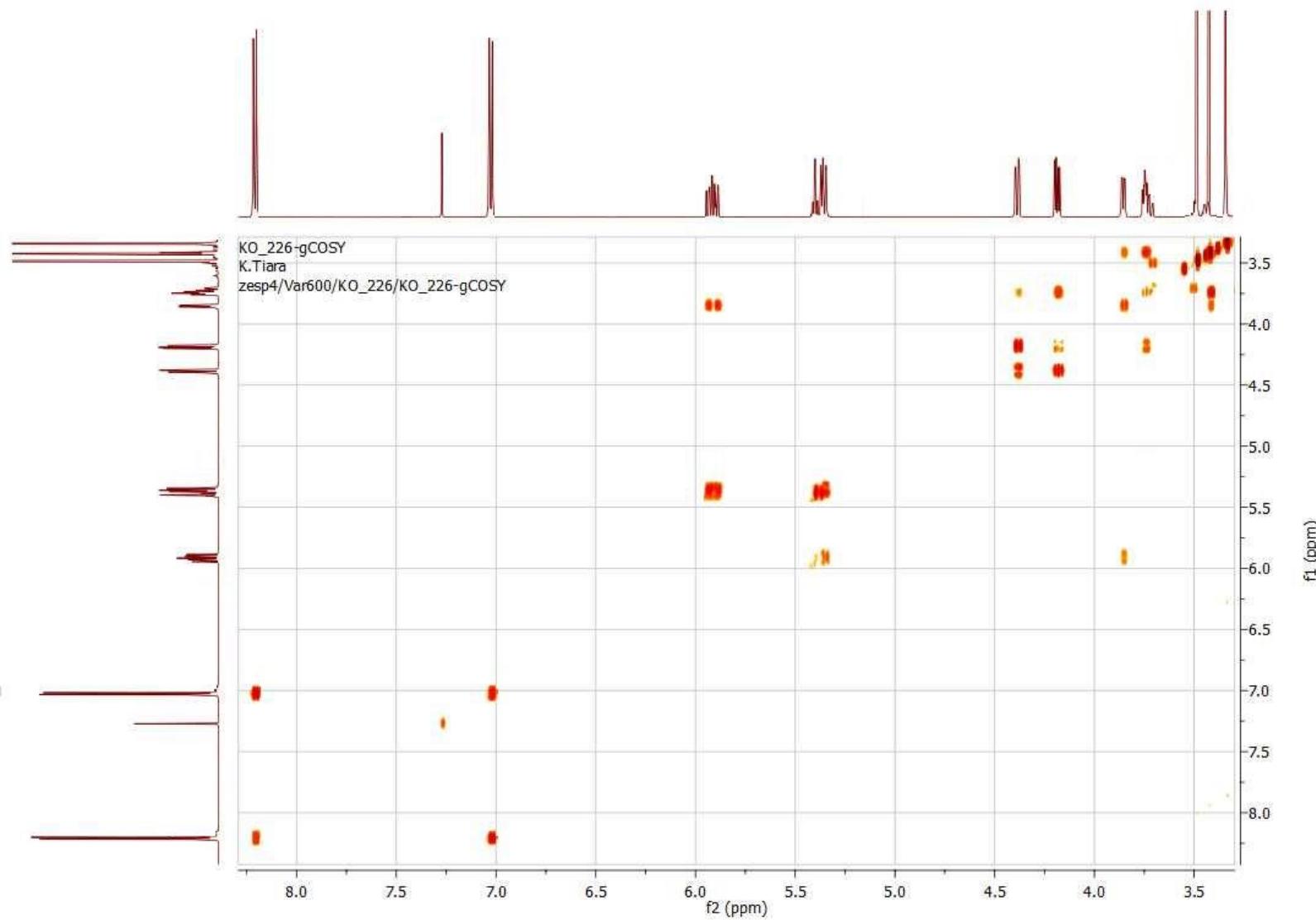


Figure S8 gCOSY spectrum of compound **16**.

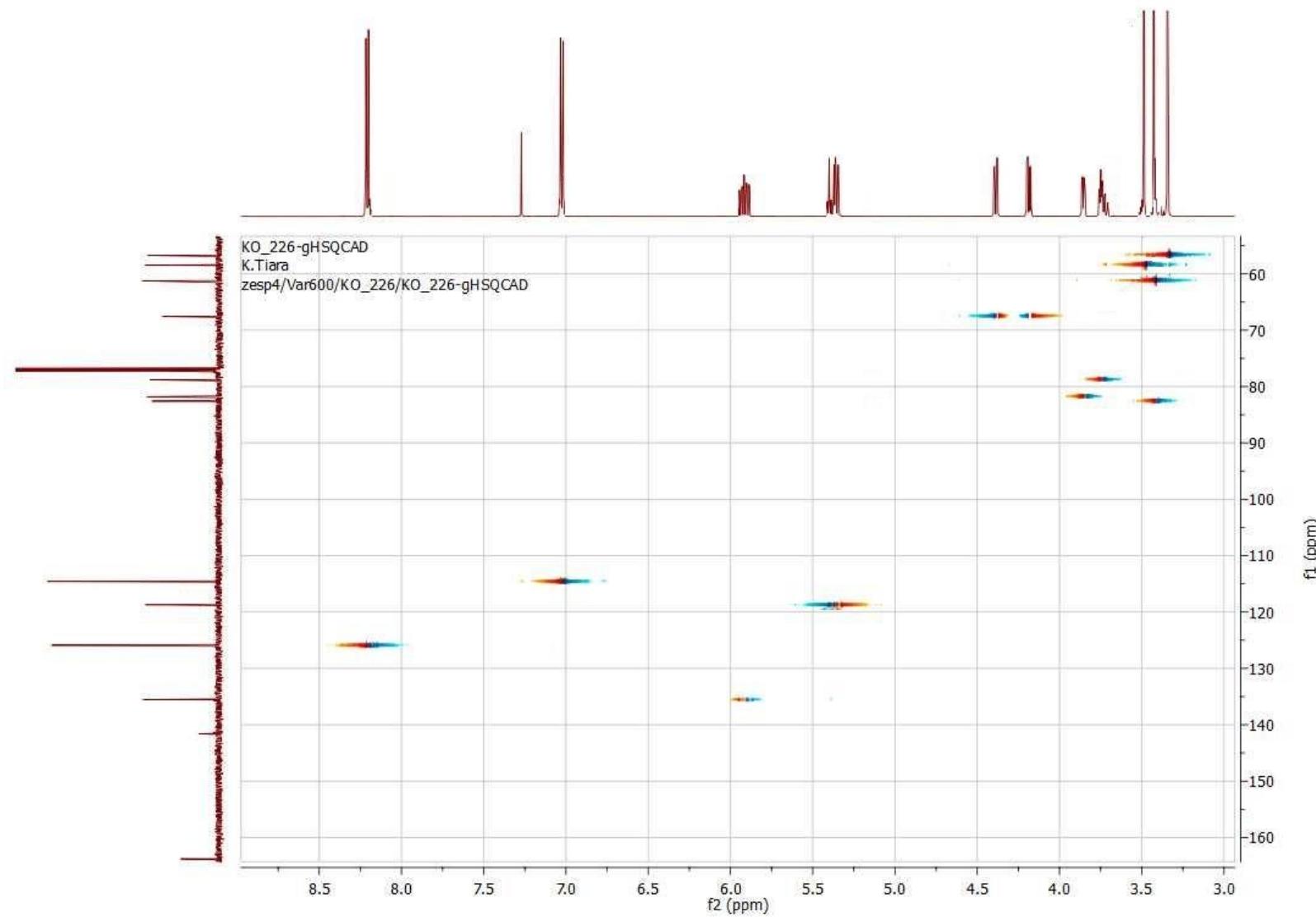


Figure S9 gHSQCAD spectrum of compound **16**.

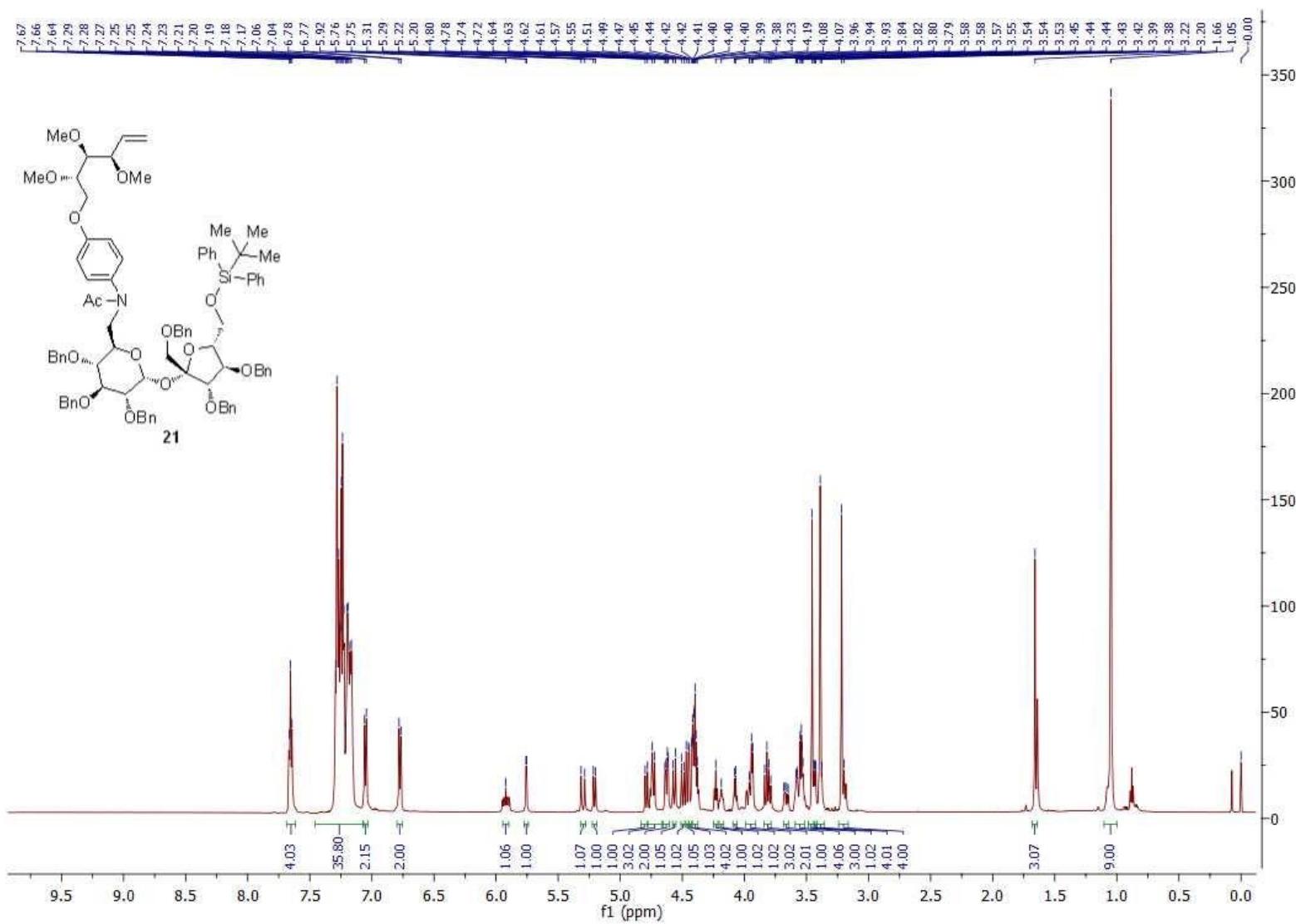


Figure S10 ¹H NMR spectrum of compound **21**.

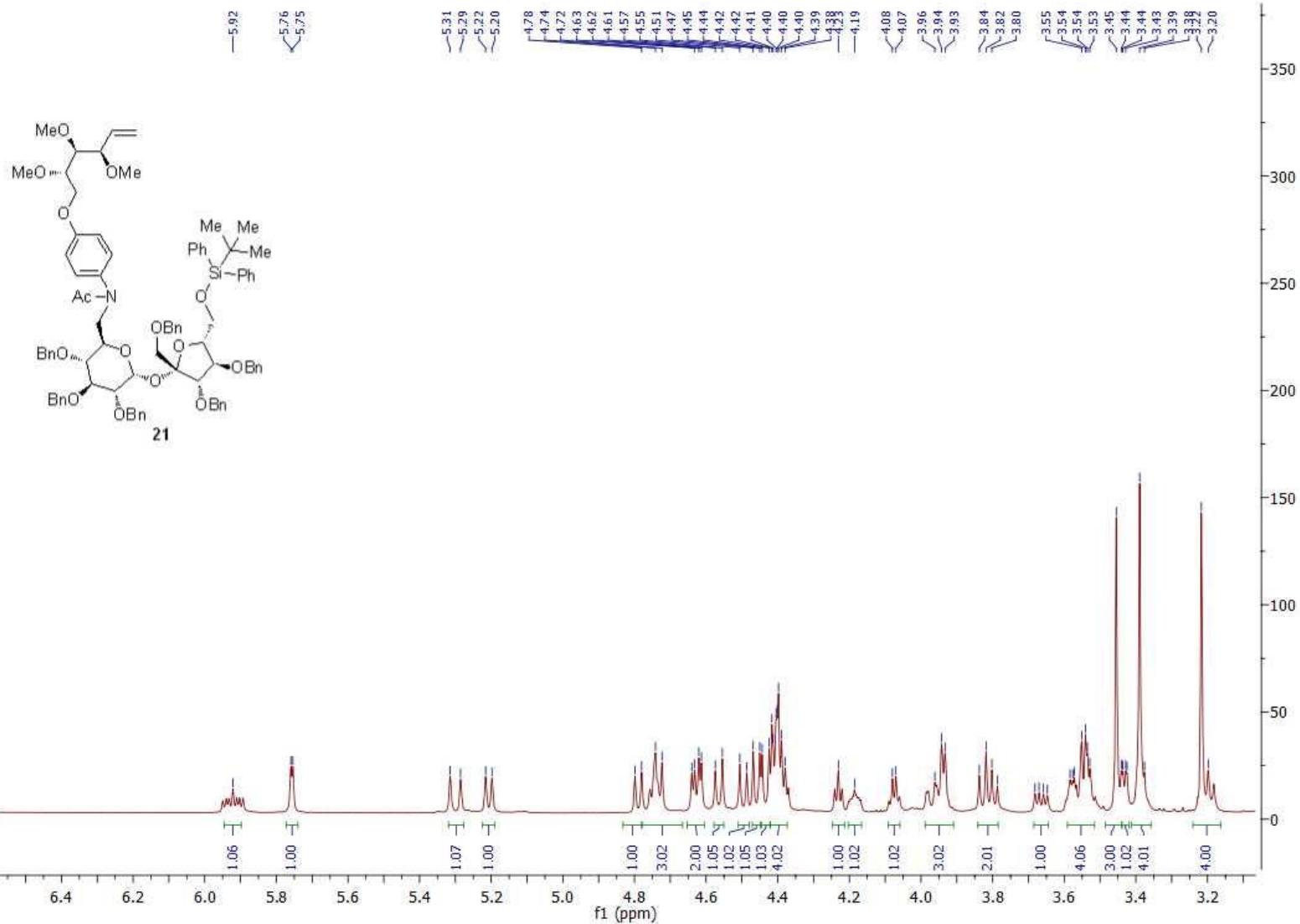


Figure S11 ^1H NMR spectrum (aliphatic part) of compound **21**.

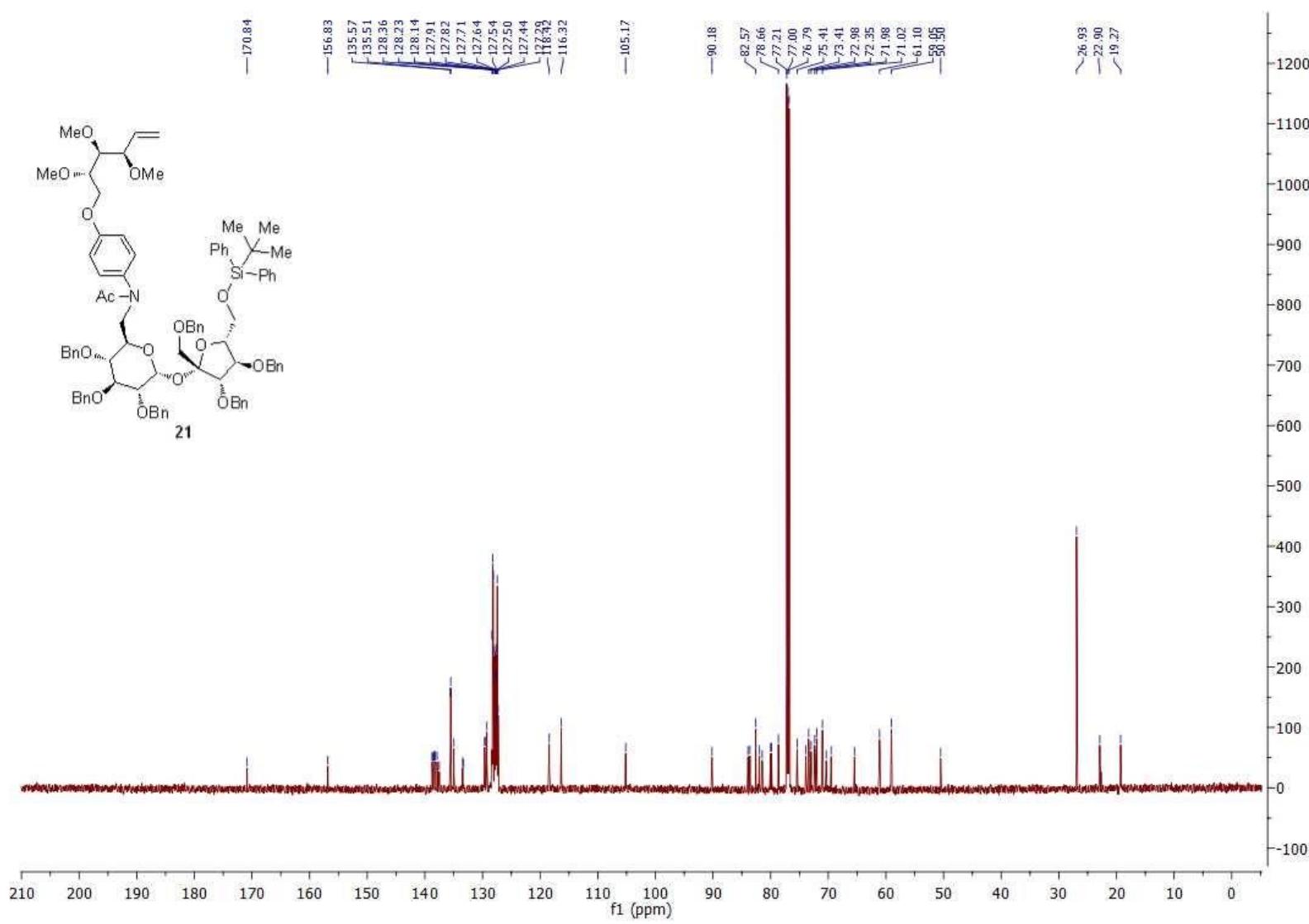


Figure S12 ^{13}C NMR spectrum of compound 21.

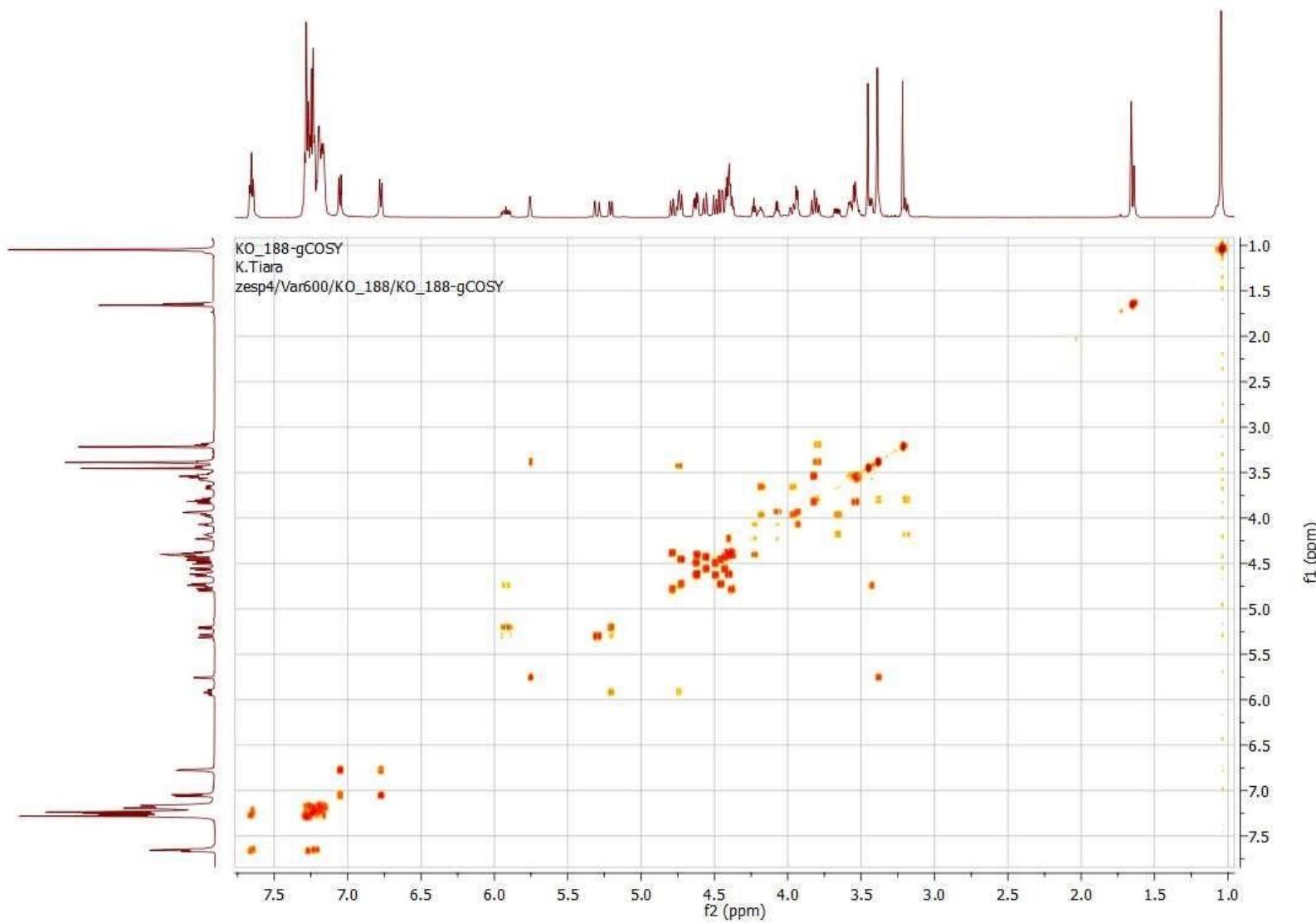


Figure S13 COSY spectrum of compound **21**.

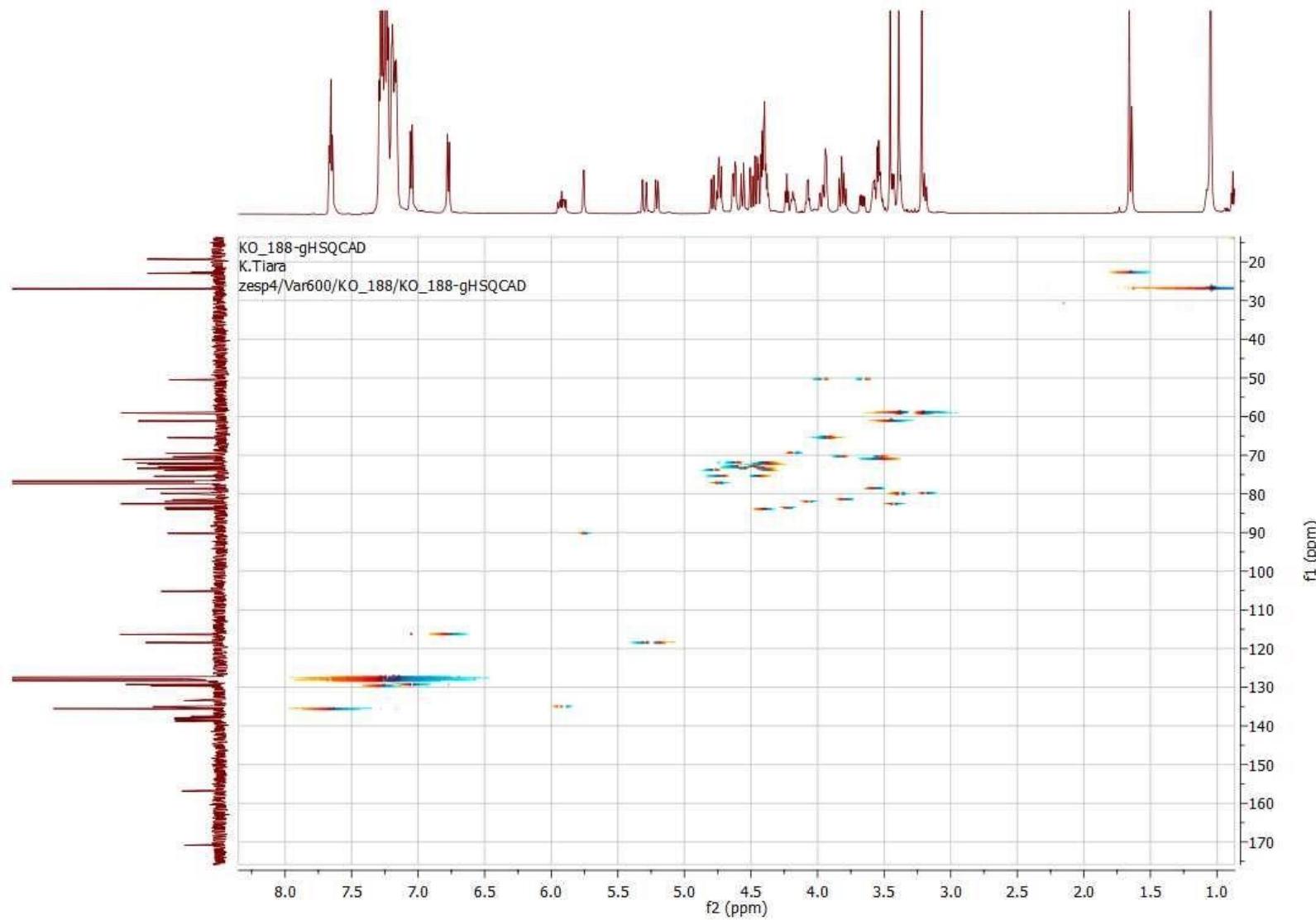


Figure S14 gHSQCAD spectrum of compound **21**.

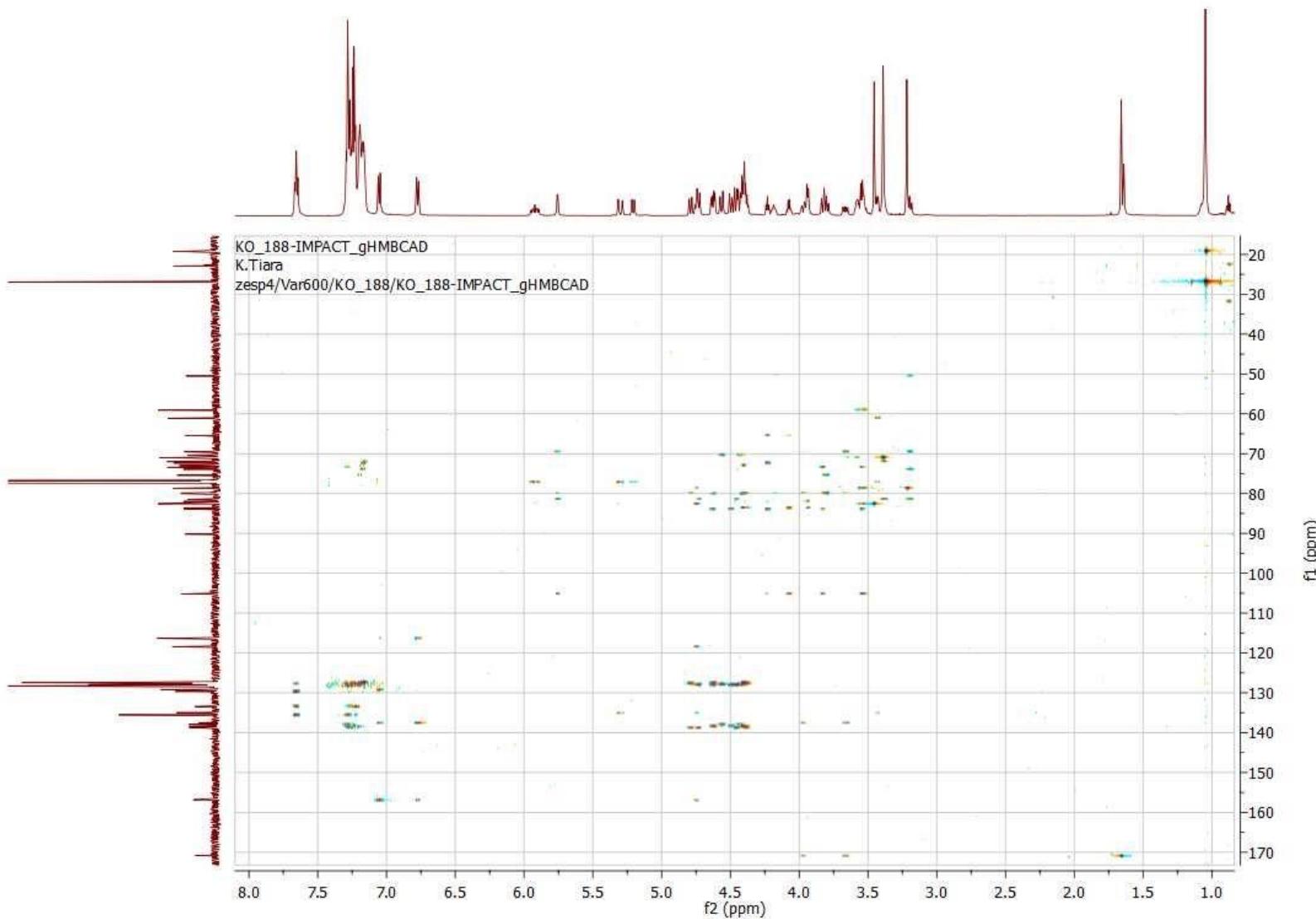


Figure S15 gHMBCAD spectrum of compound **21**.

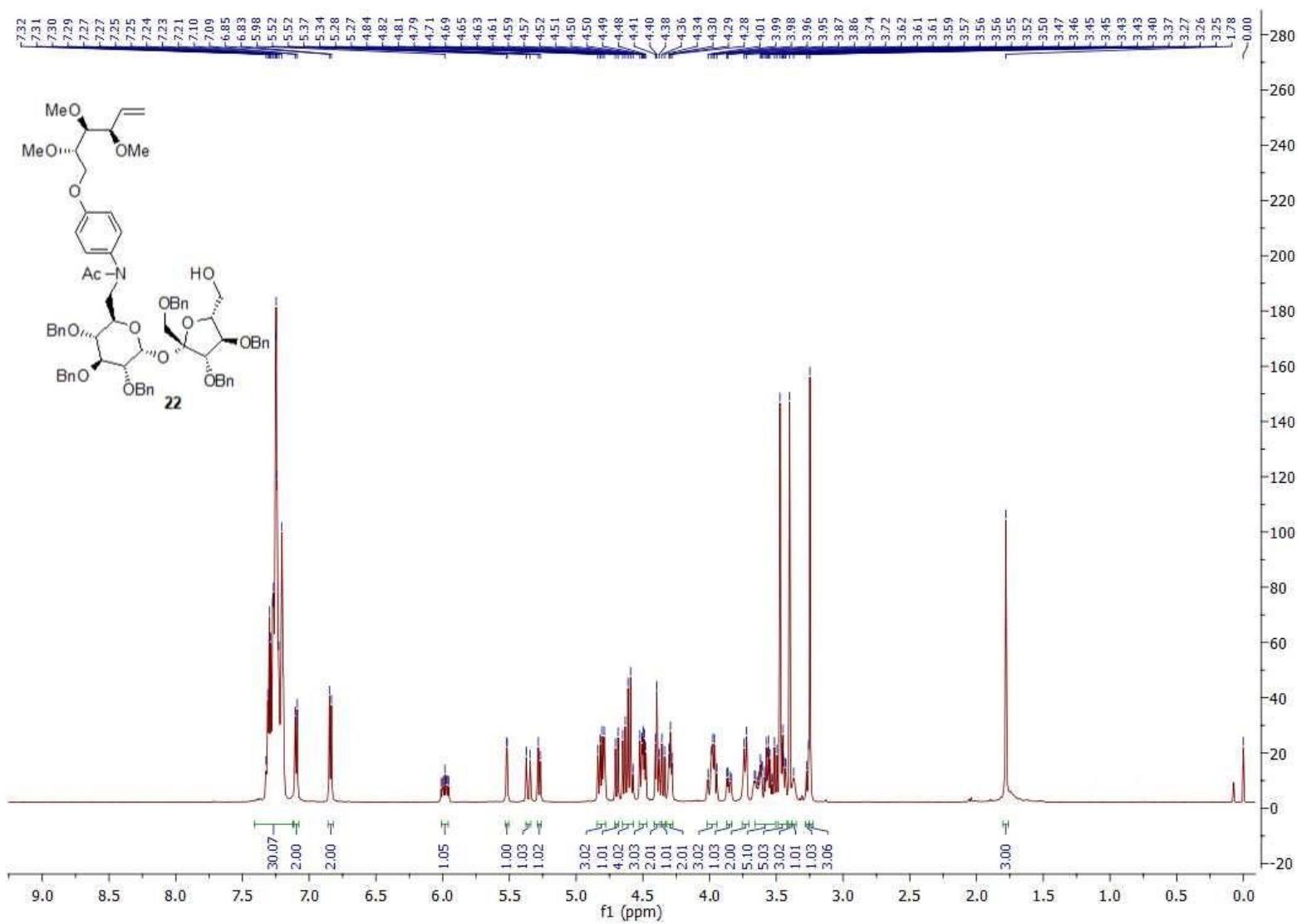


Figure S16 ^1H NMR spectrum of compound **22**.

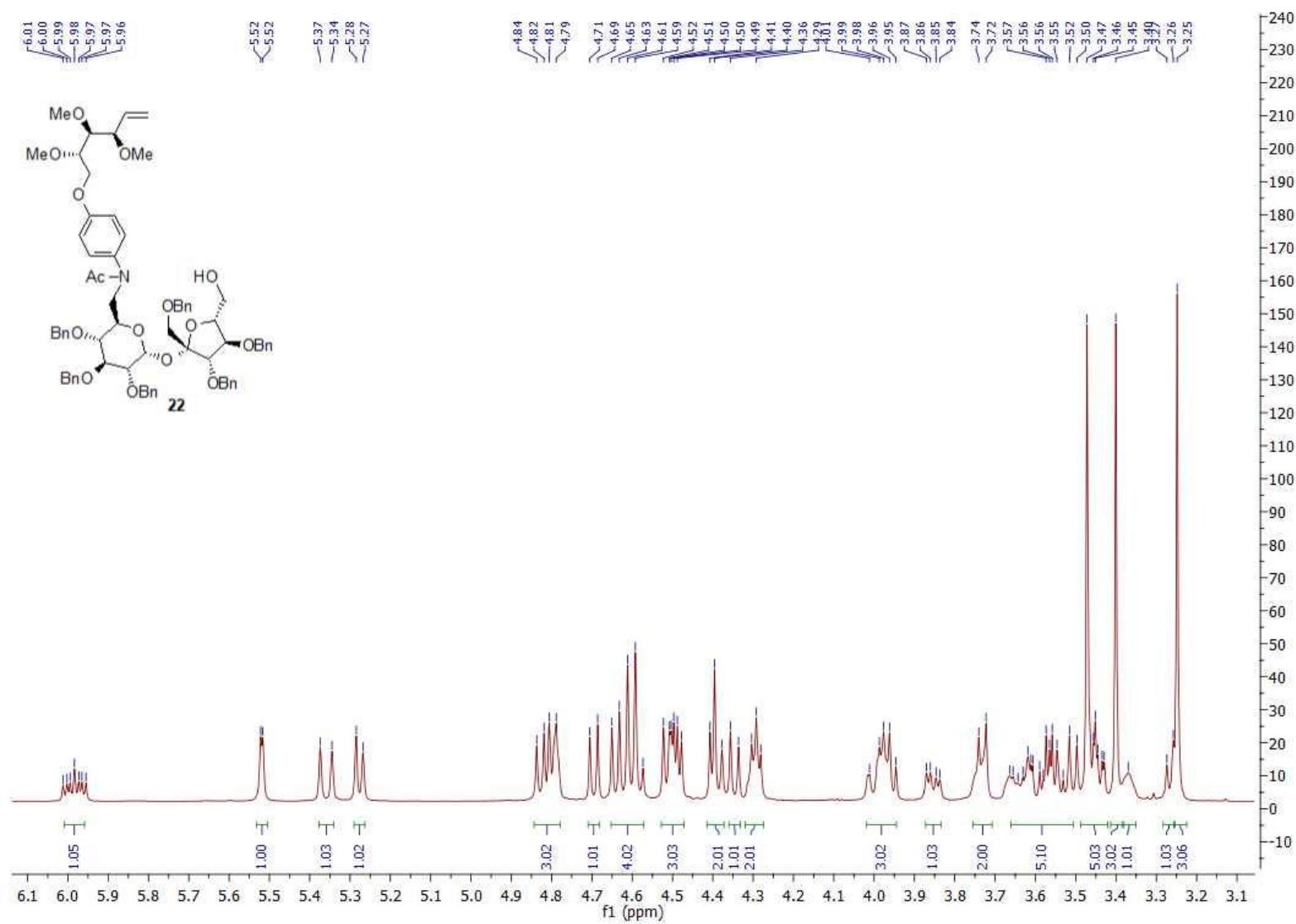


Figure S17 ^1H NMR spectrum (aliphatic part) of compound **22**.

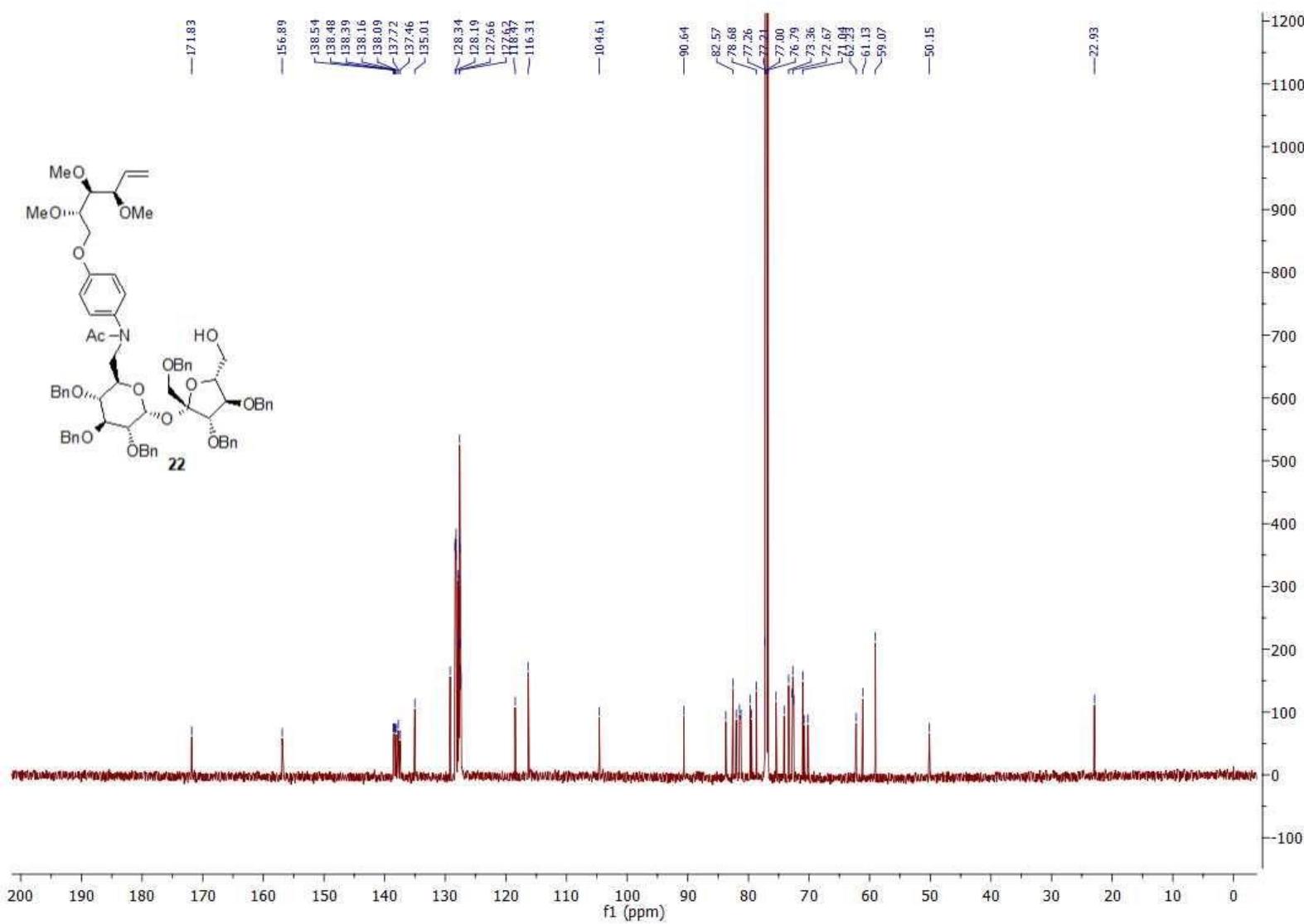


Figure S18 ^{13}C NMR spectrum of compound **22**.

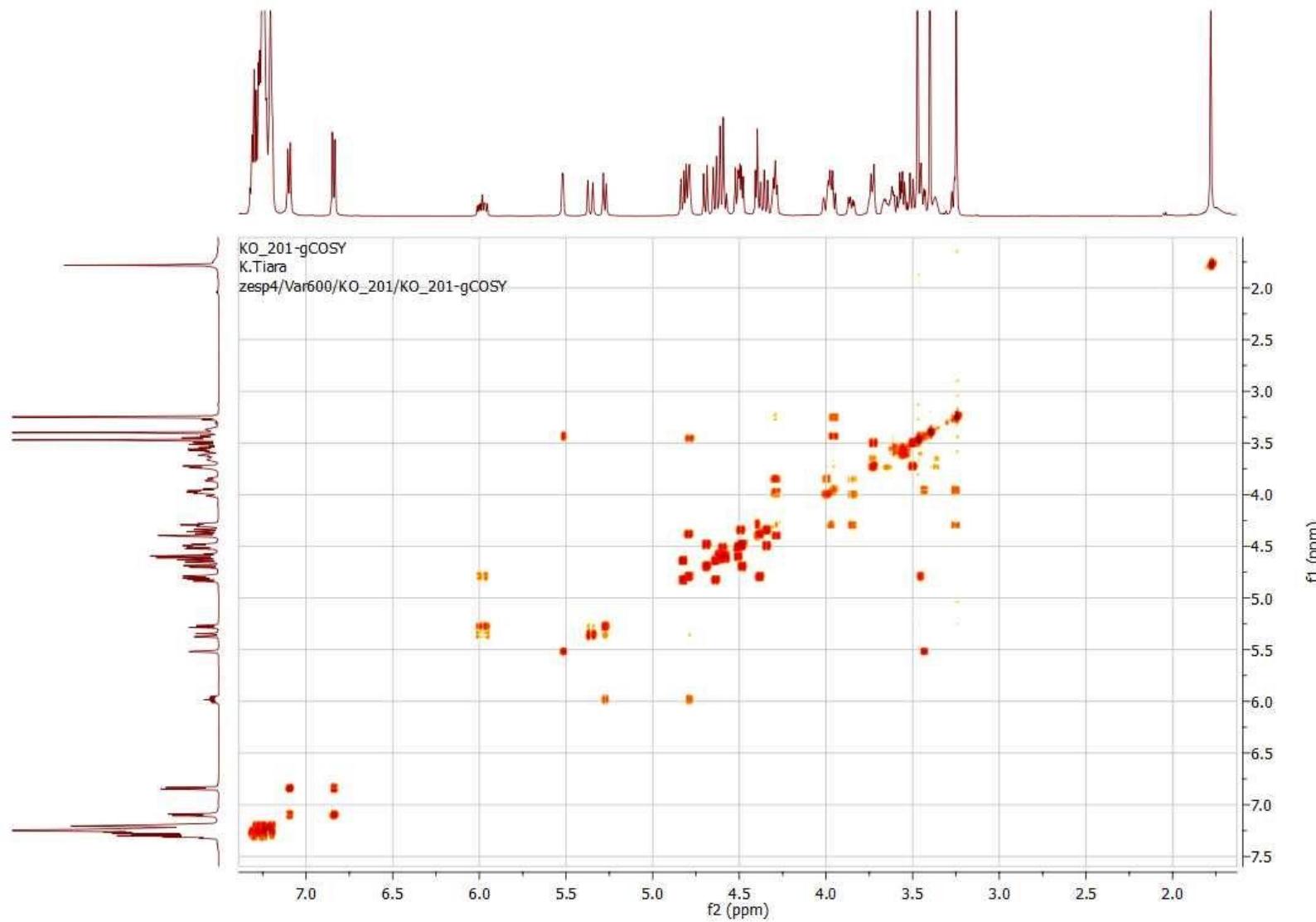


Figure S19 gCOSY spectrum of compound **22**.

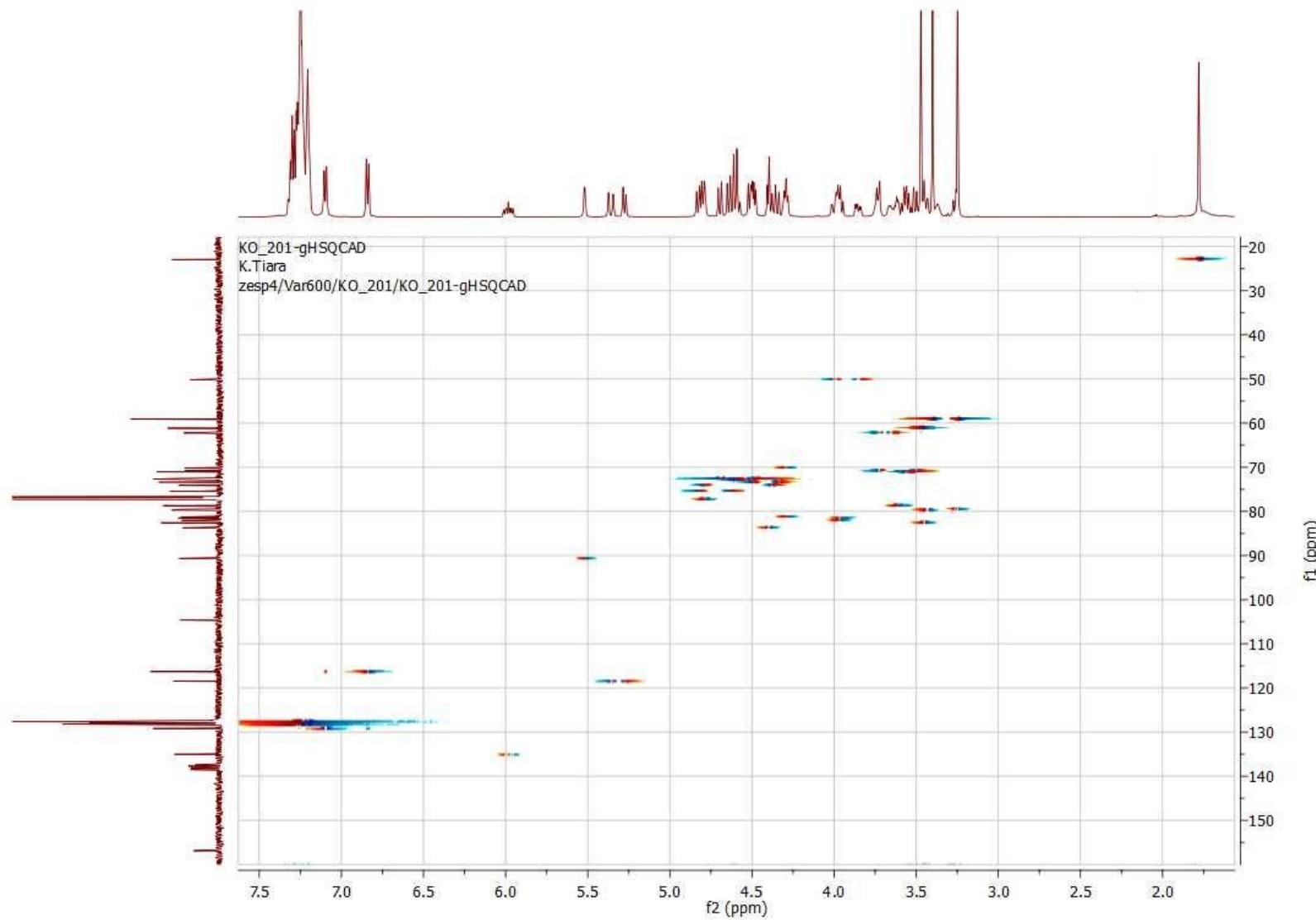


Figure S20 gHSQCAD spectrum of compound **22**.

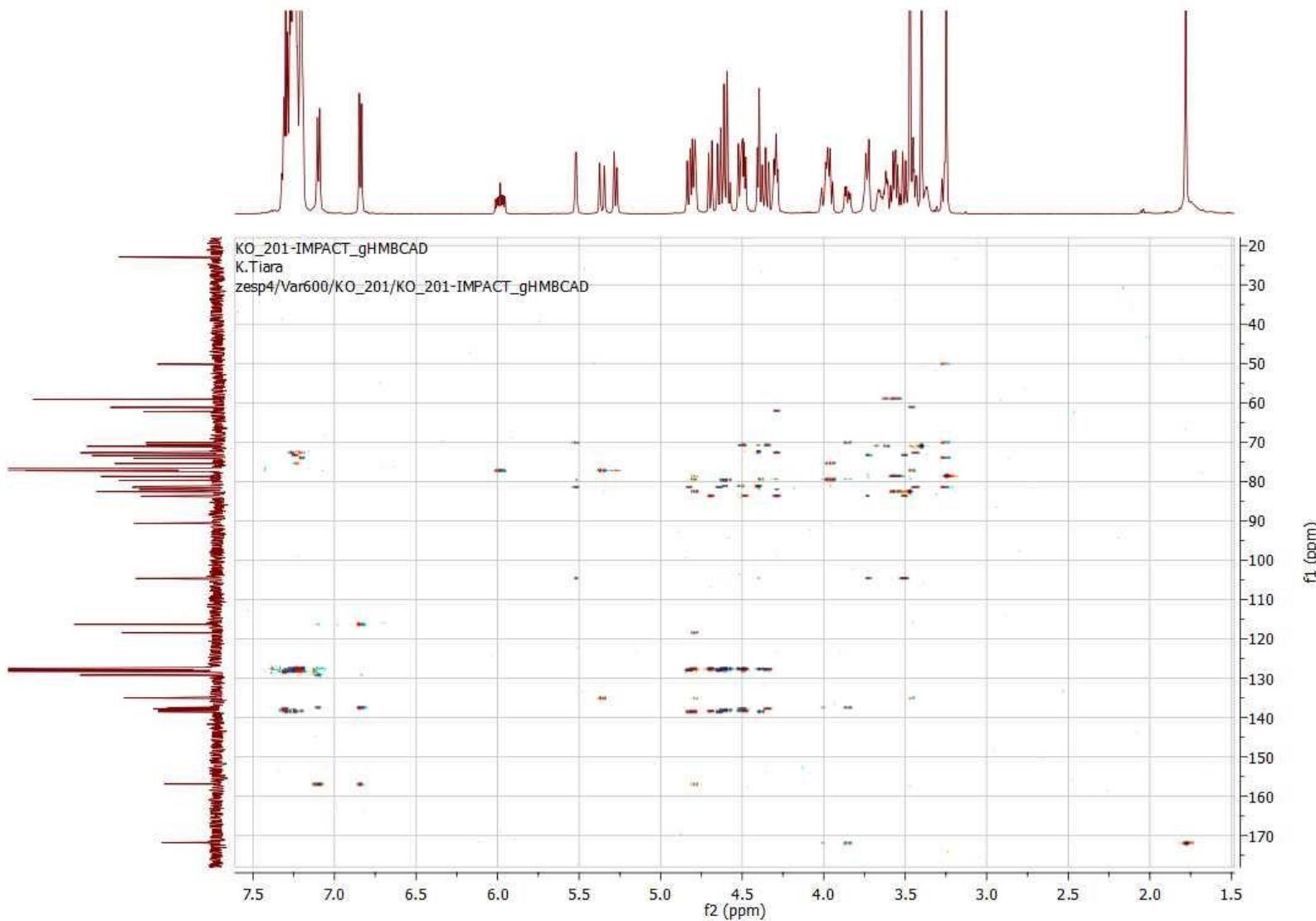


Figure S21 gHMBCAD spectrum of compound **22**.

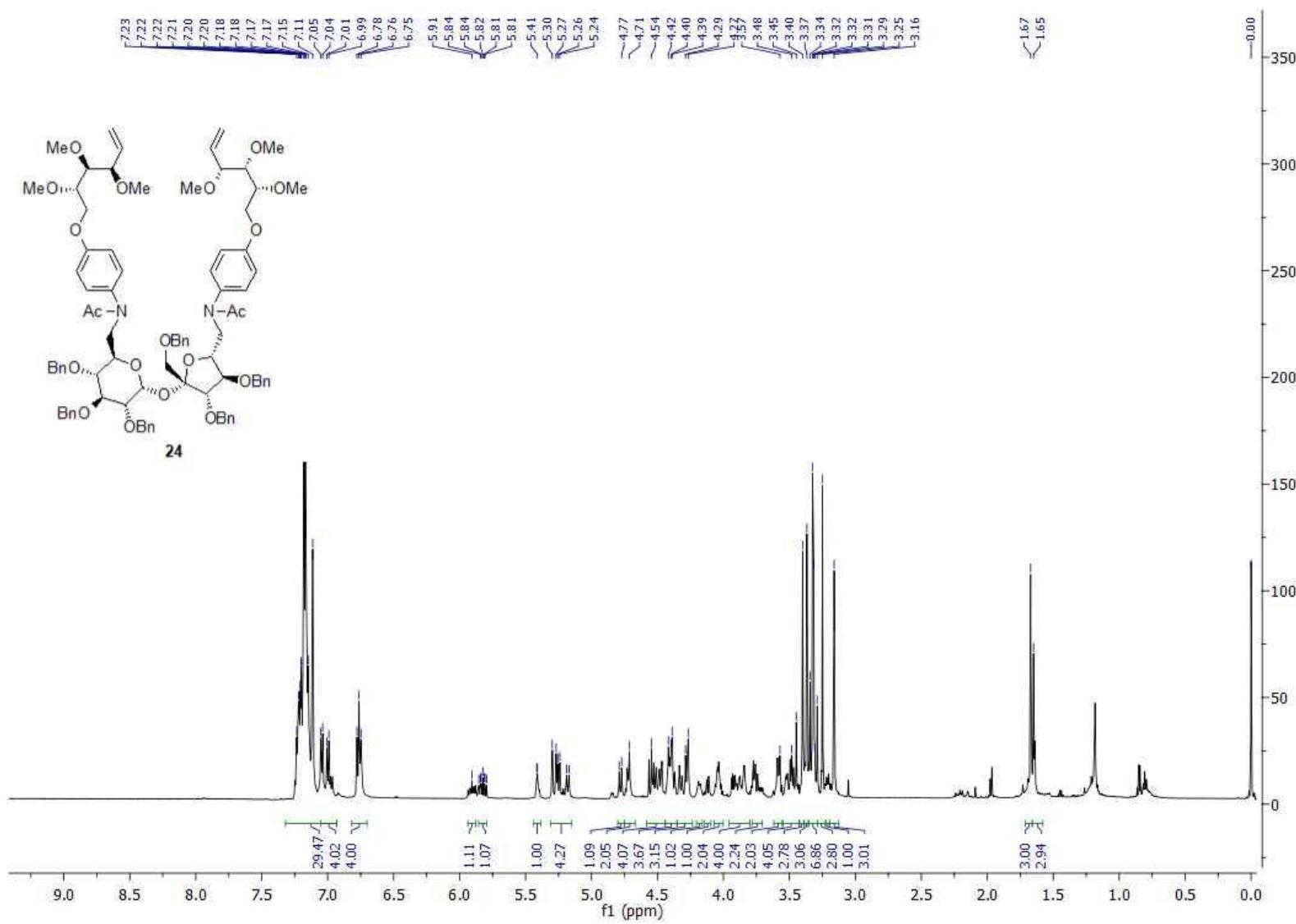


Figure S22 ^1H NMR spectrum of compound **24**.

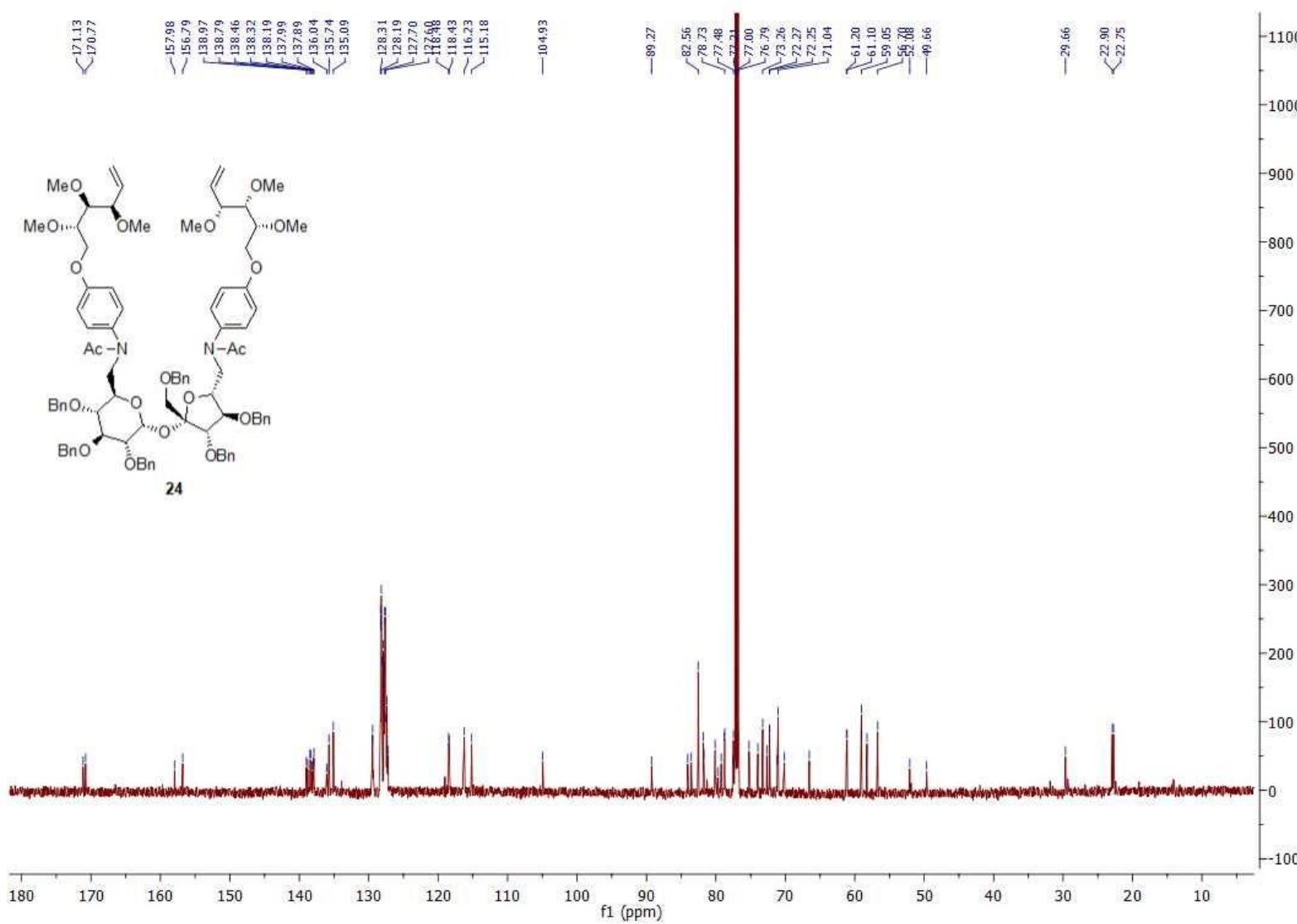


Figure S23 ^{13}C NMR spectrum of compound **24**.

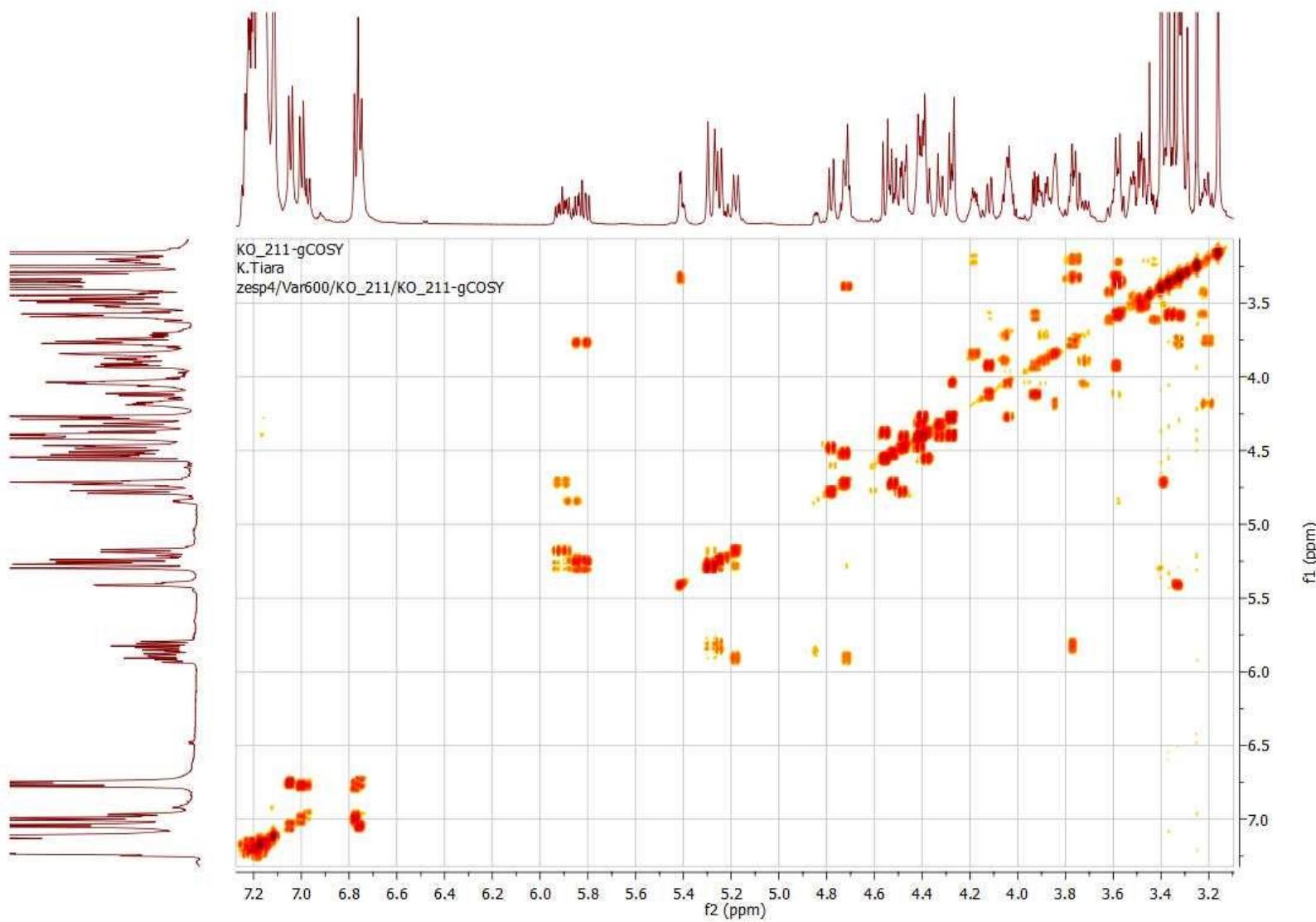


Figure S24 gCOSY NMR spectrum of compound **24**.

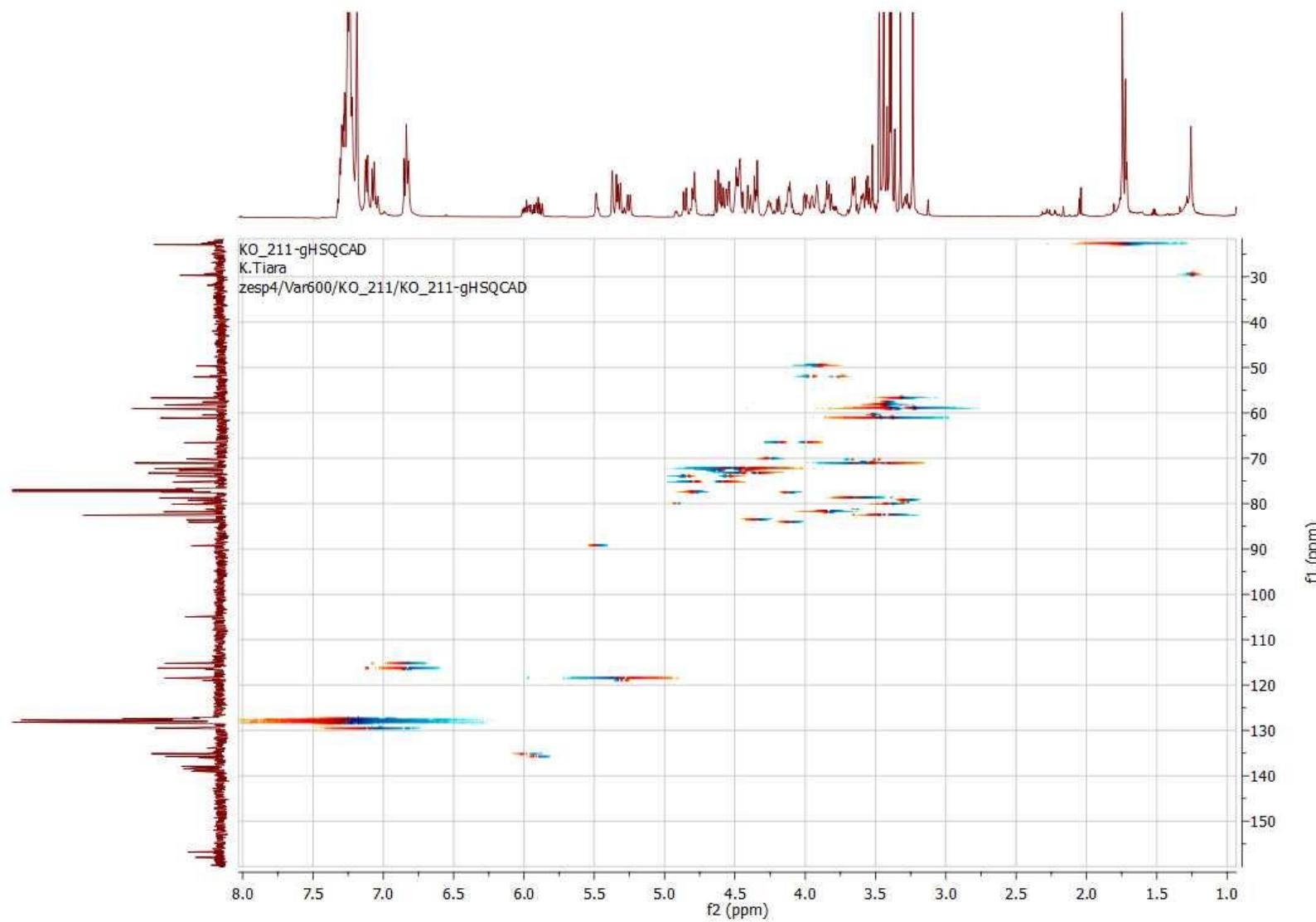
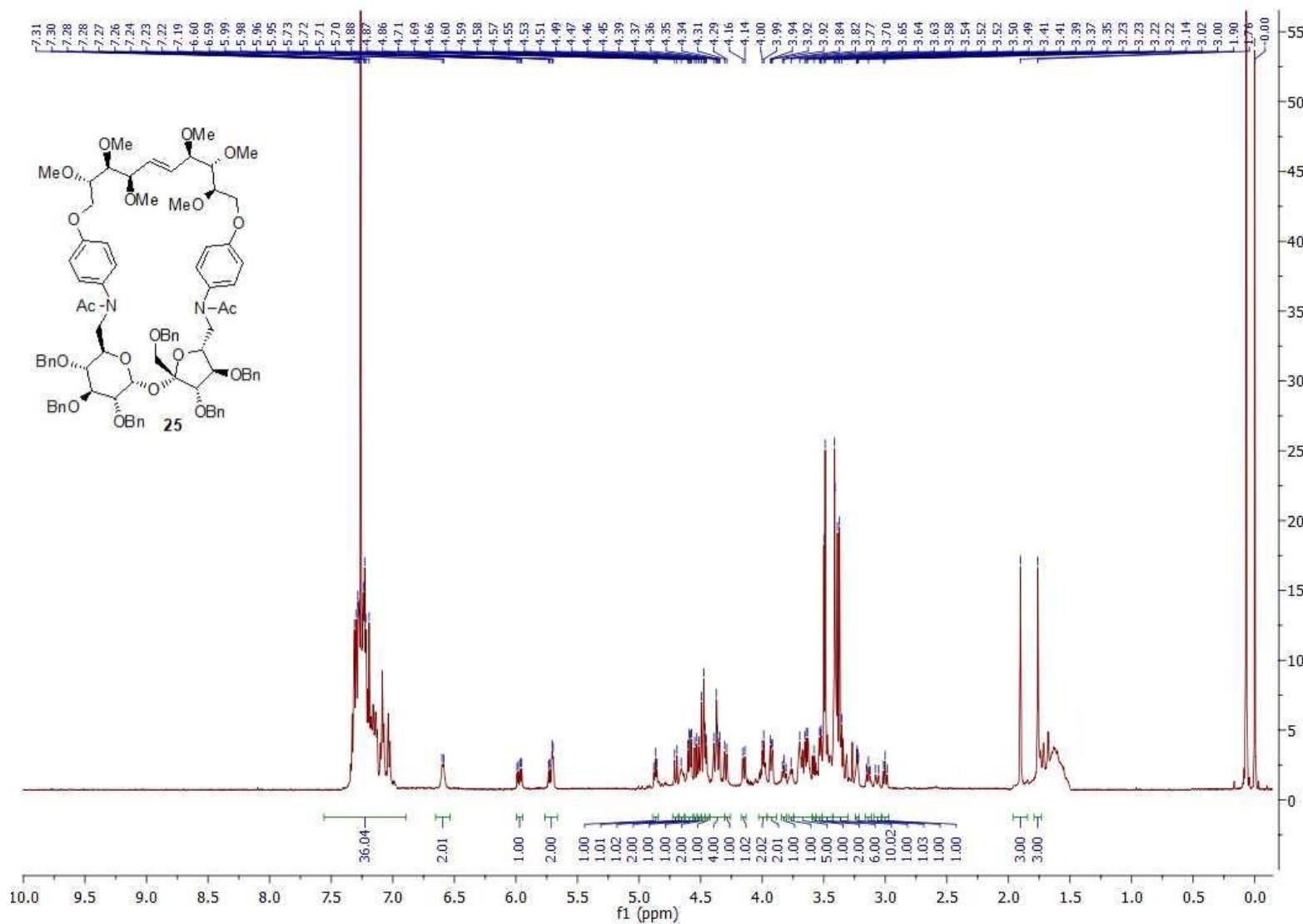


Figure S25 gHSQCAD NMR spectrum of compound **24**.



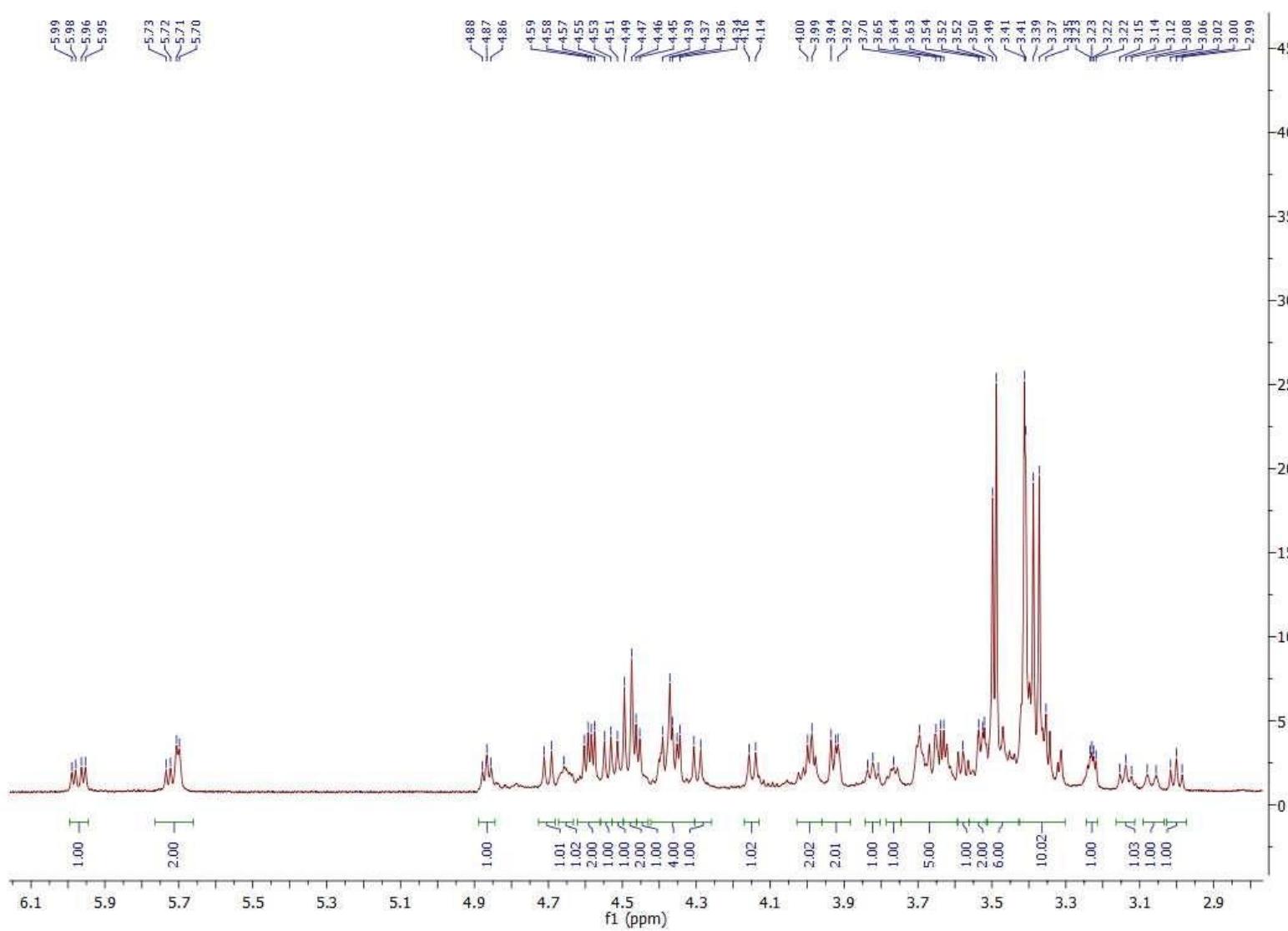


Figure S27 ^1H NMR spectrum (aliphatic part) of compound 25.

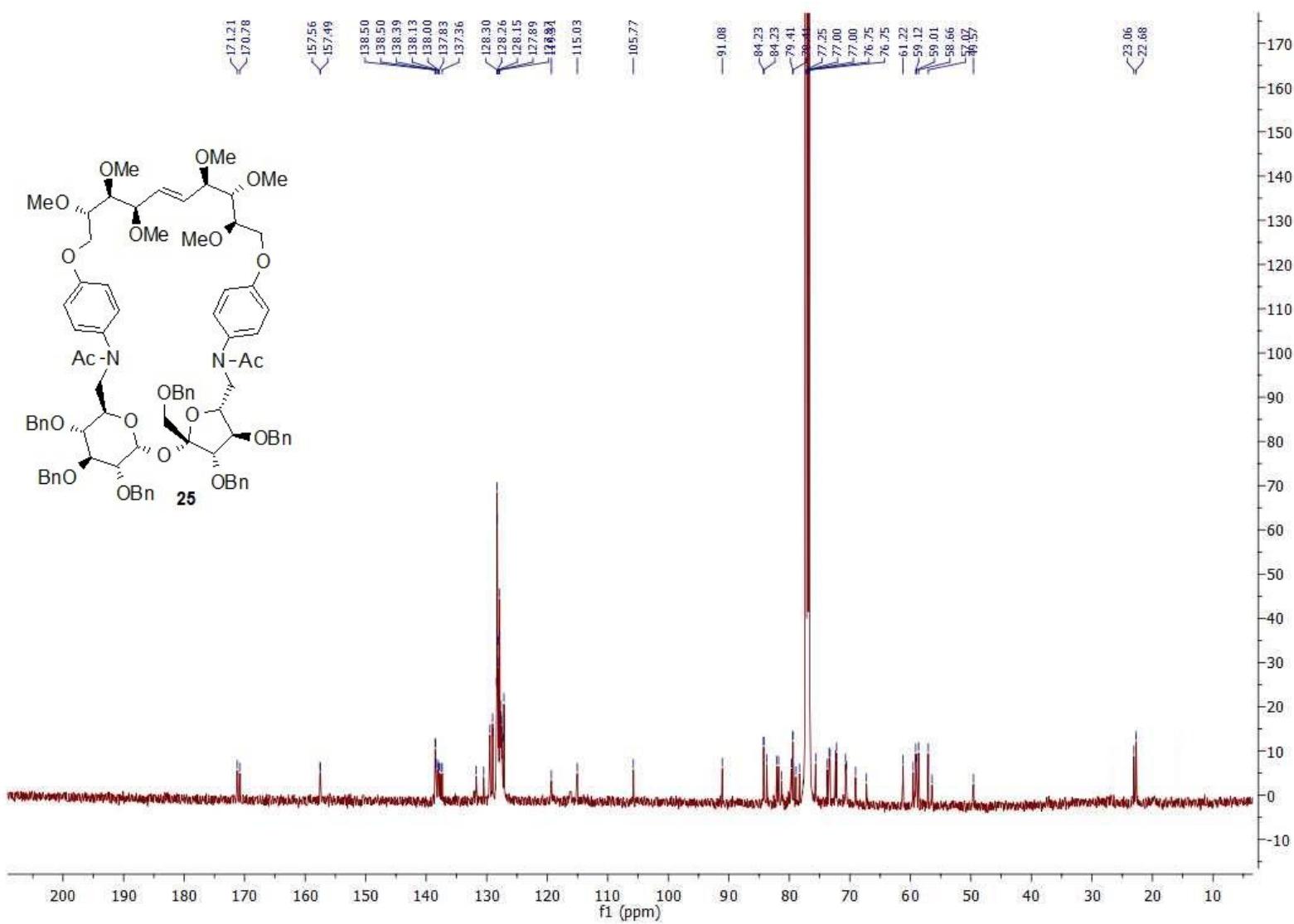


Figure S28 ^{13}C NMR spectrum of compound **25**.

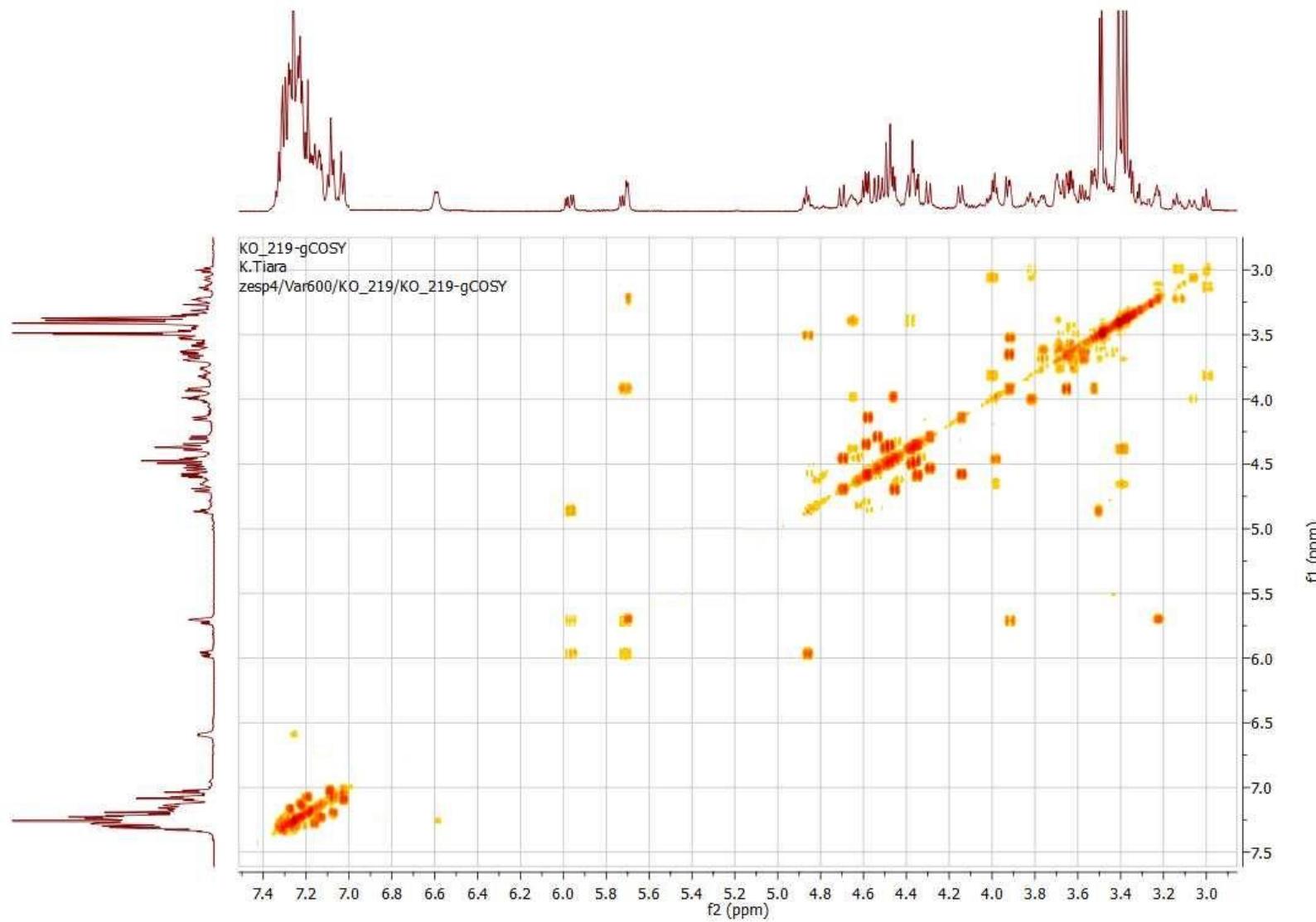


Figure S29 gCOSY spectrum of compound 25.

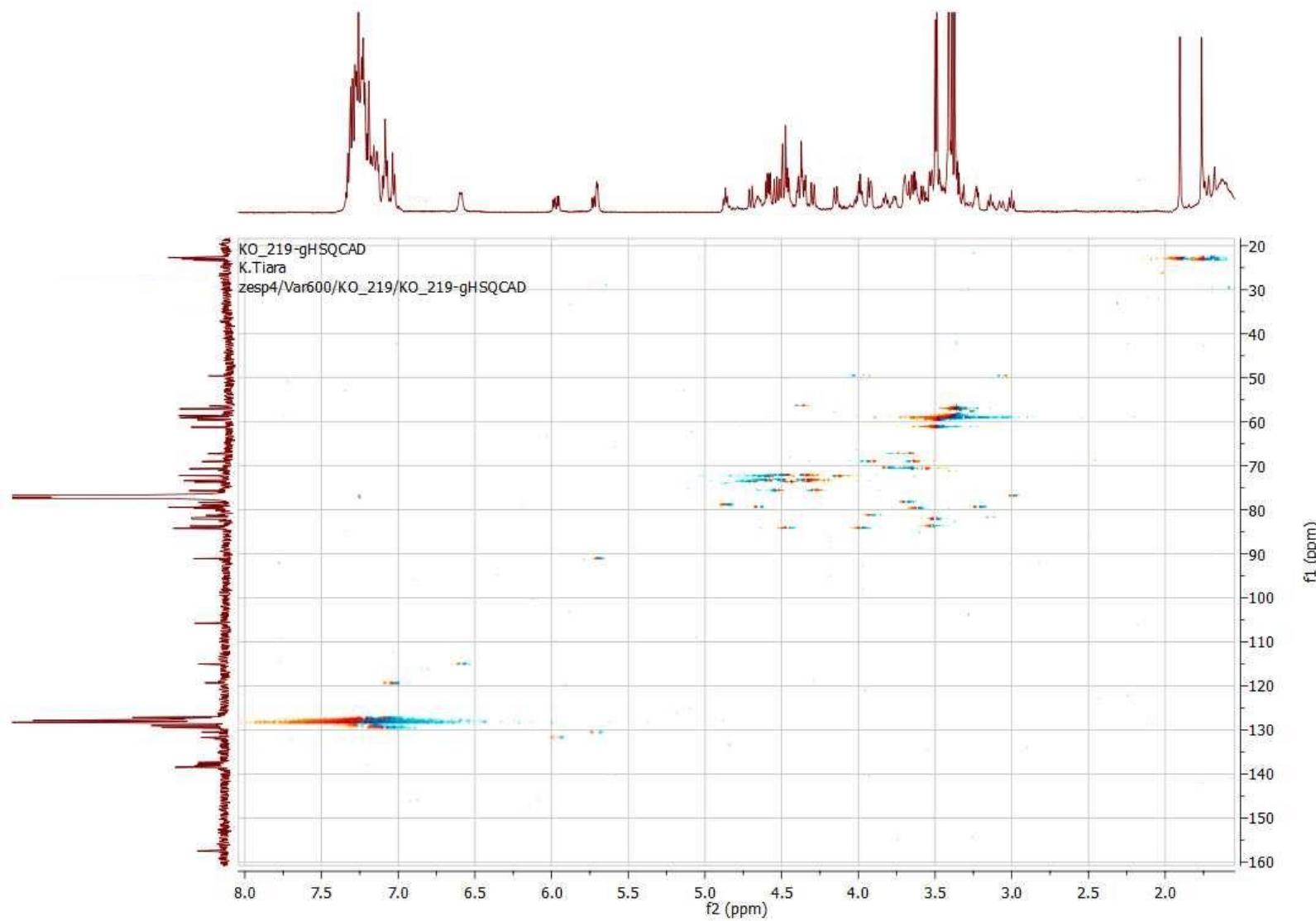


Figure S30 gHSQCAD spectrum of compound **25**.

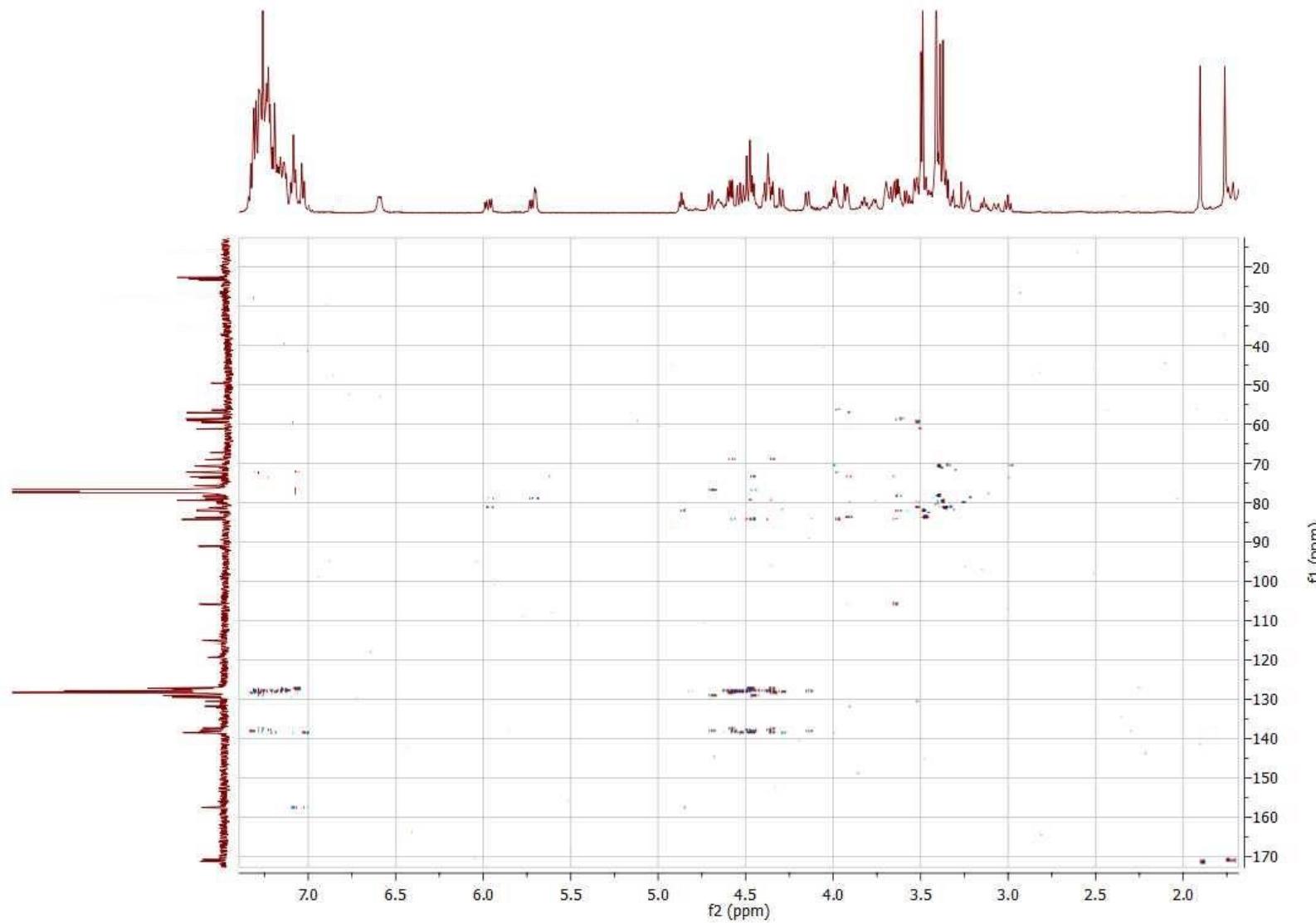


Figure S31 gHMBCAD NMR spectrum of compound **25**.