



Supporting Information

for

First synthesis of cryptands with sucrose scaffold

Patrycja Sokołowska, Michał Kowalski and Sławomir Jarosz

Beilstein J. Org. Chem. **2019**, *15*, 210–217. doi:10.3762/bjoc.15.20

Copies of NMR spectra

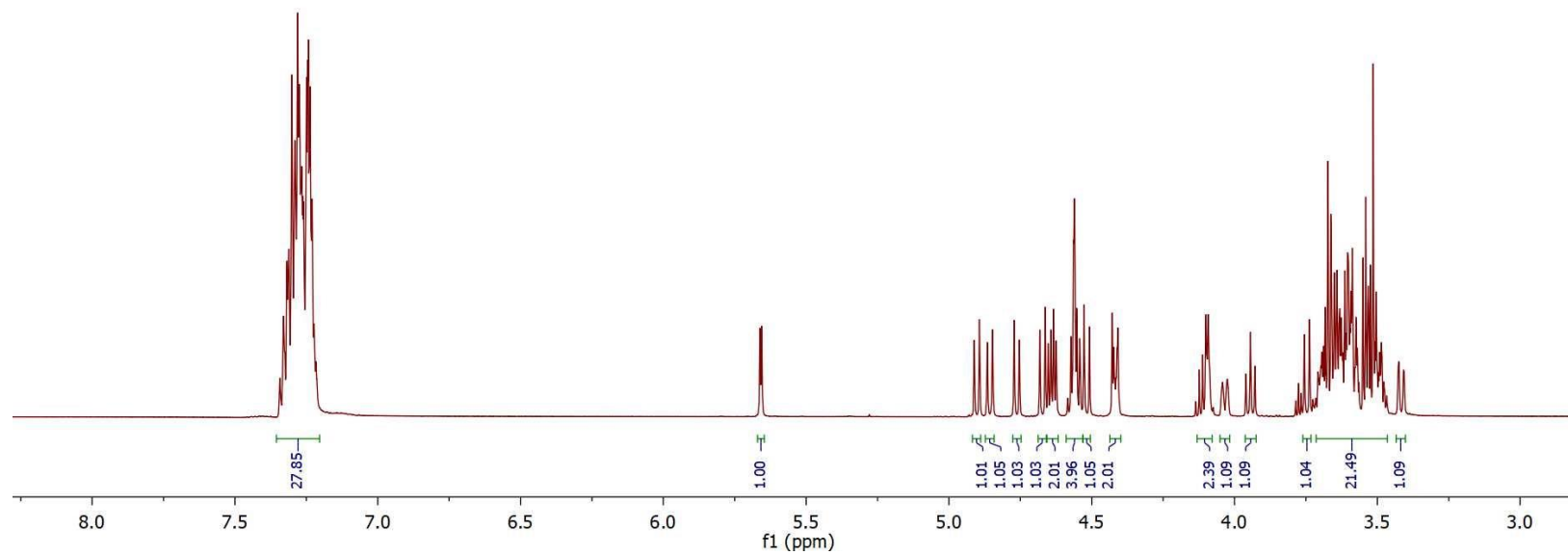
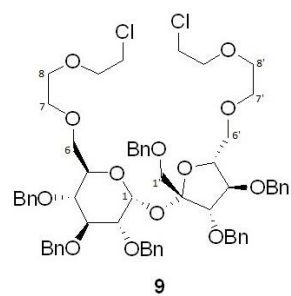


Figure S1 ¹H NMR spectrum of compound **9** (CDCl₃).

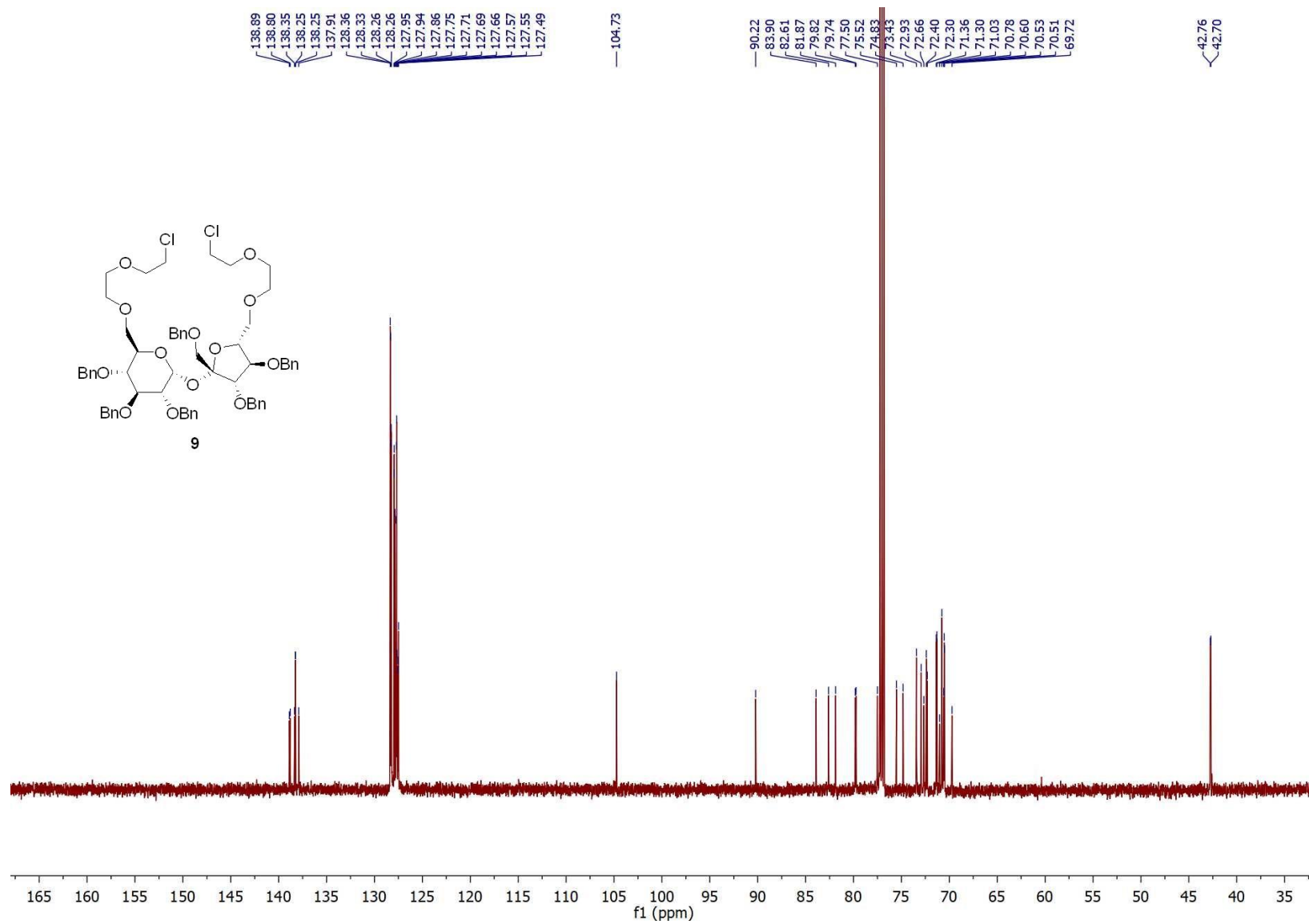


Figure S2 ¹³C NMR spectrum of compound **9** (CDCl₃).

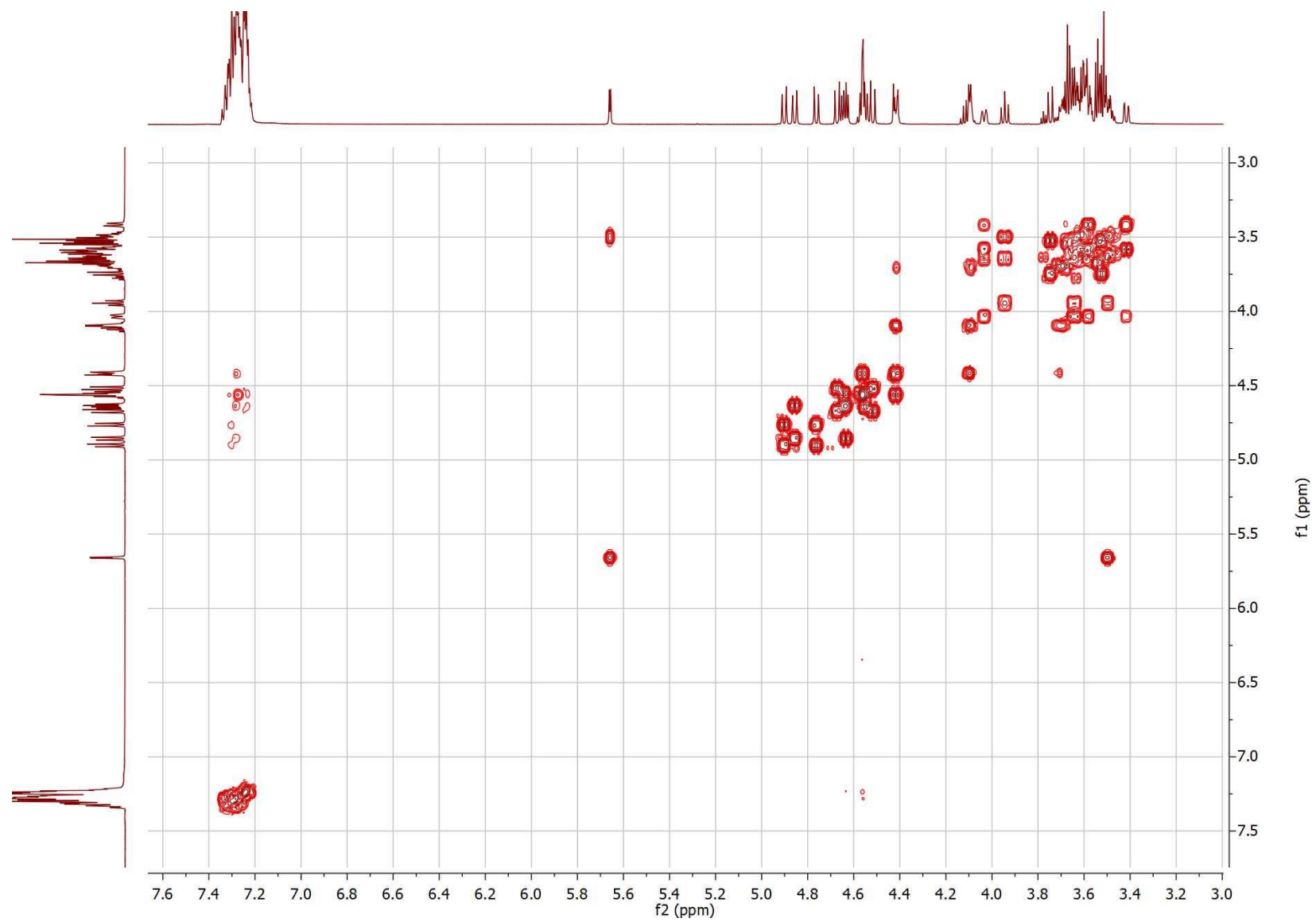


Figure S3 gCOSY spectrum of compound **9**.

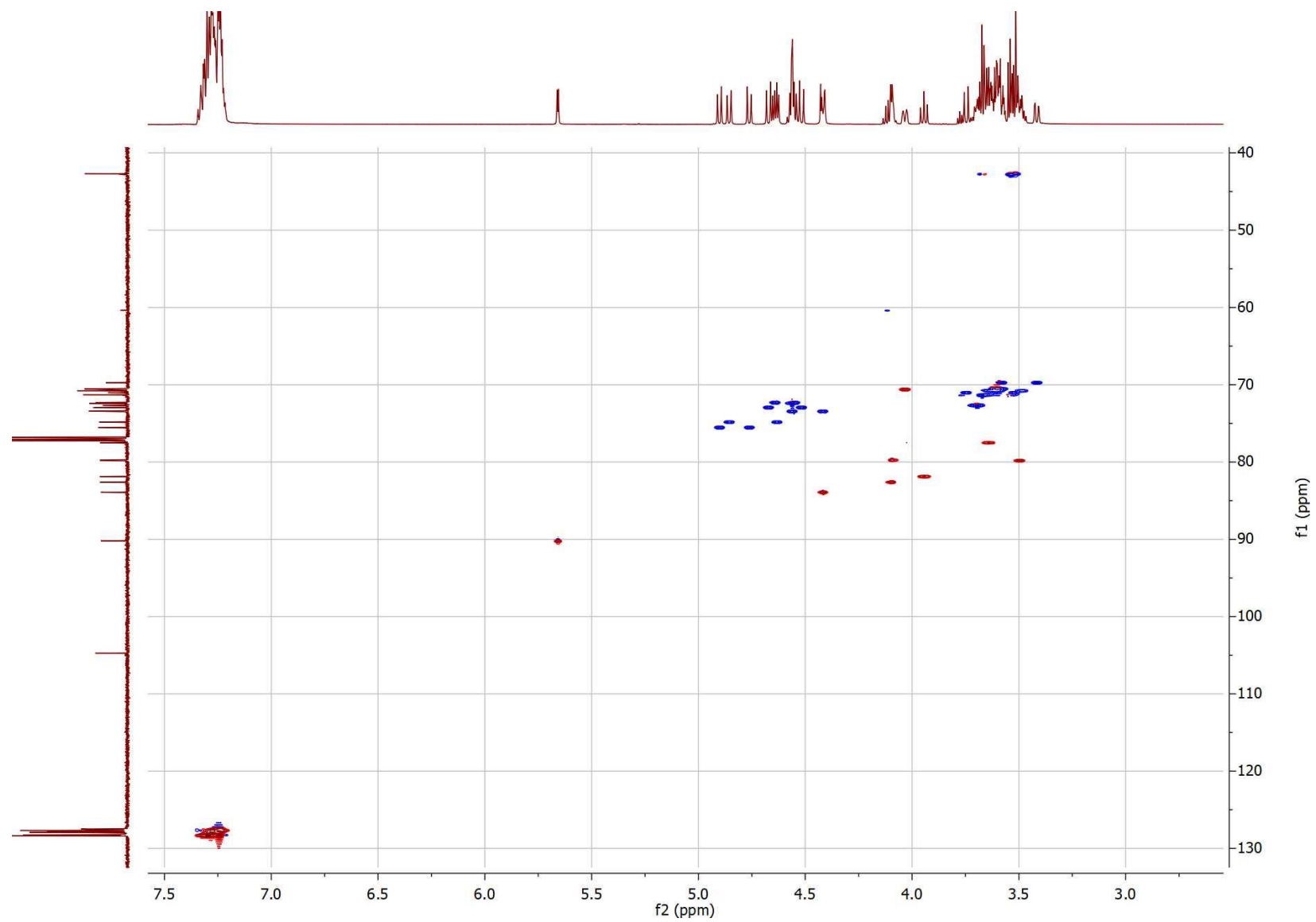


Figure S4 gHSQCAD spectrum of compound **9**.

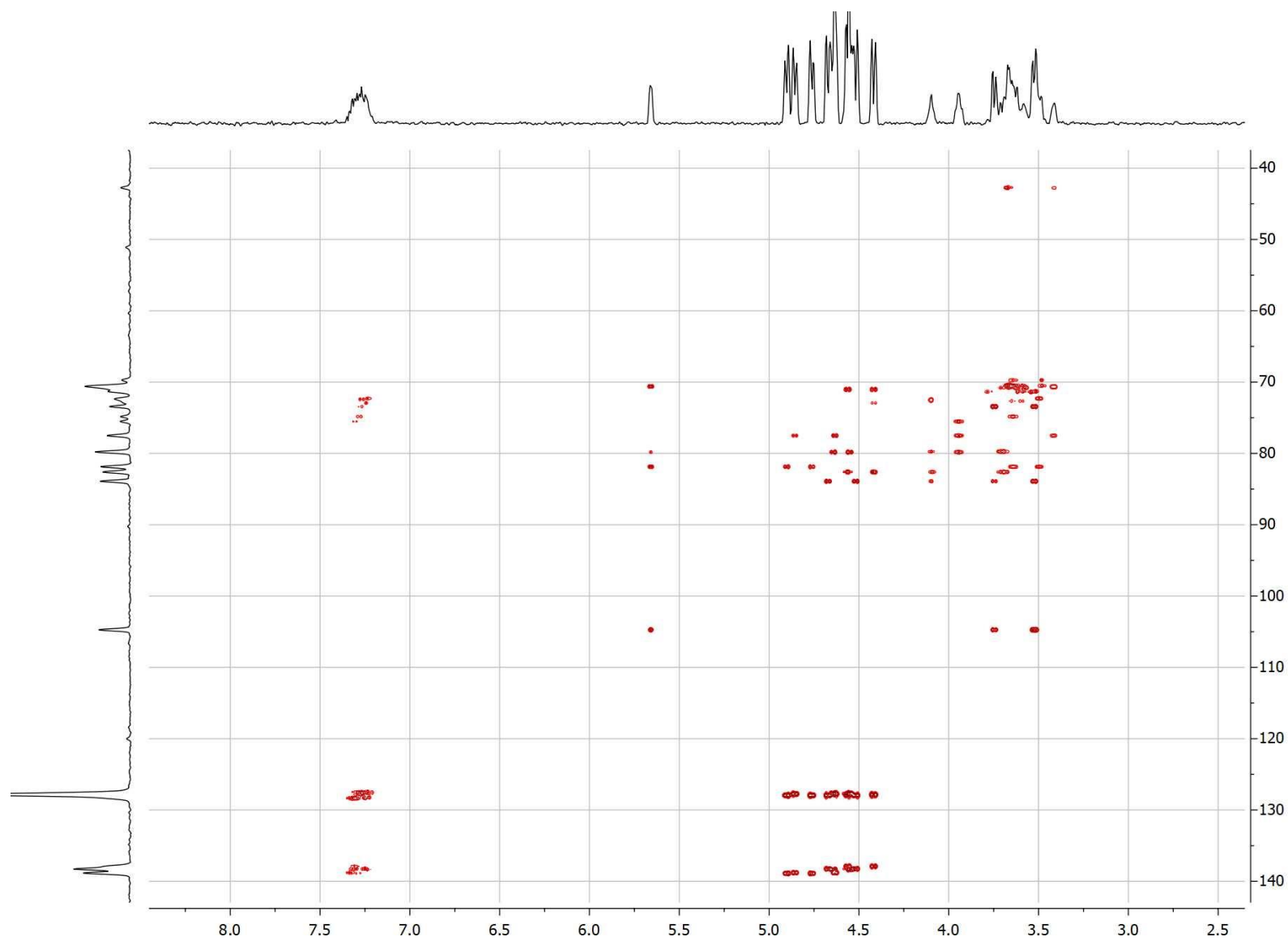


Figure S5 gHMBCAD spectrum of compound **9**.

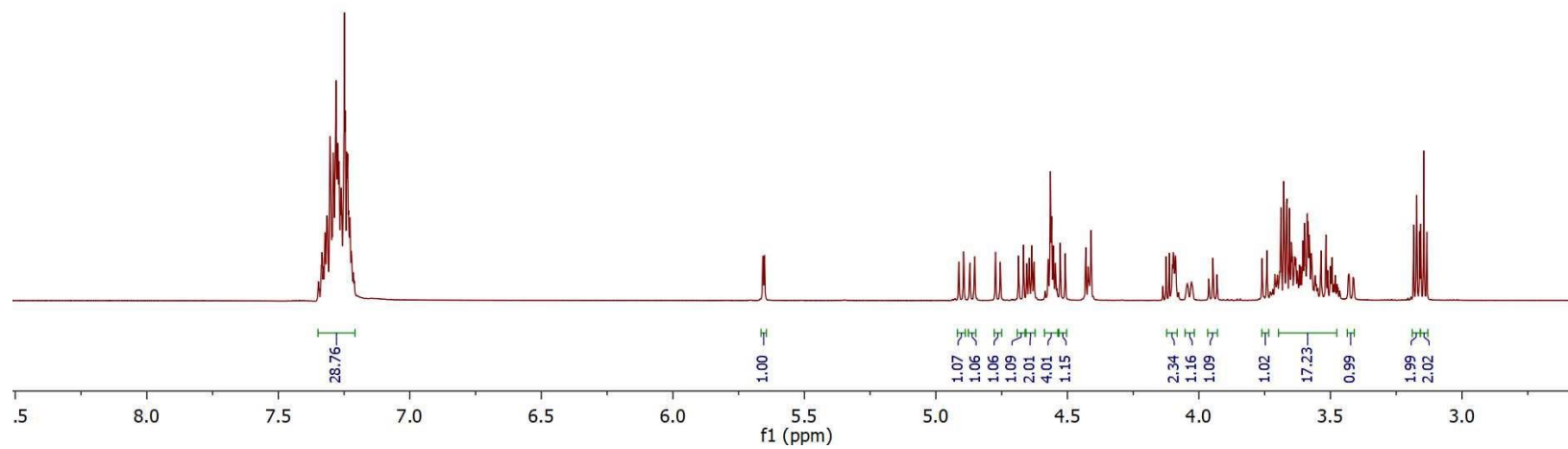
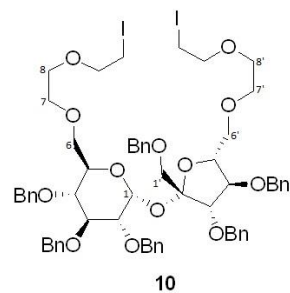


Figure S6 ^1H NMR spectrum of compound **10** (CDCl_3).

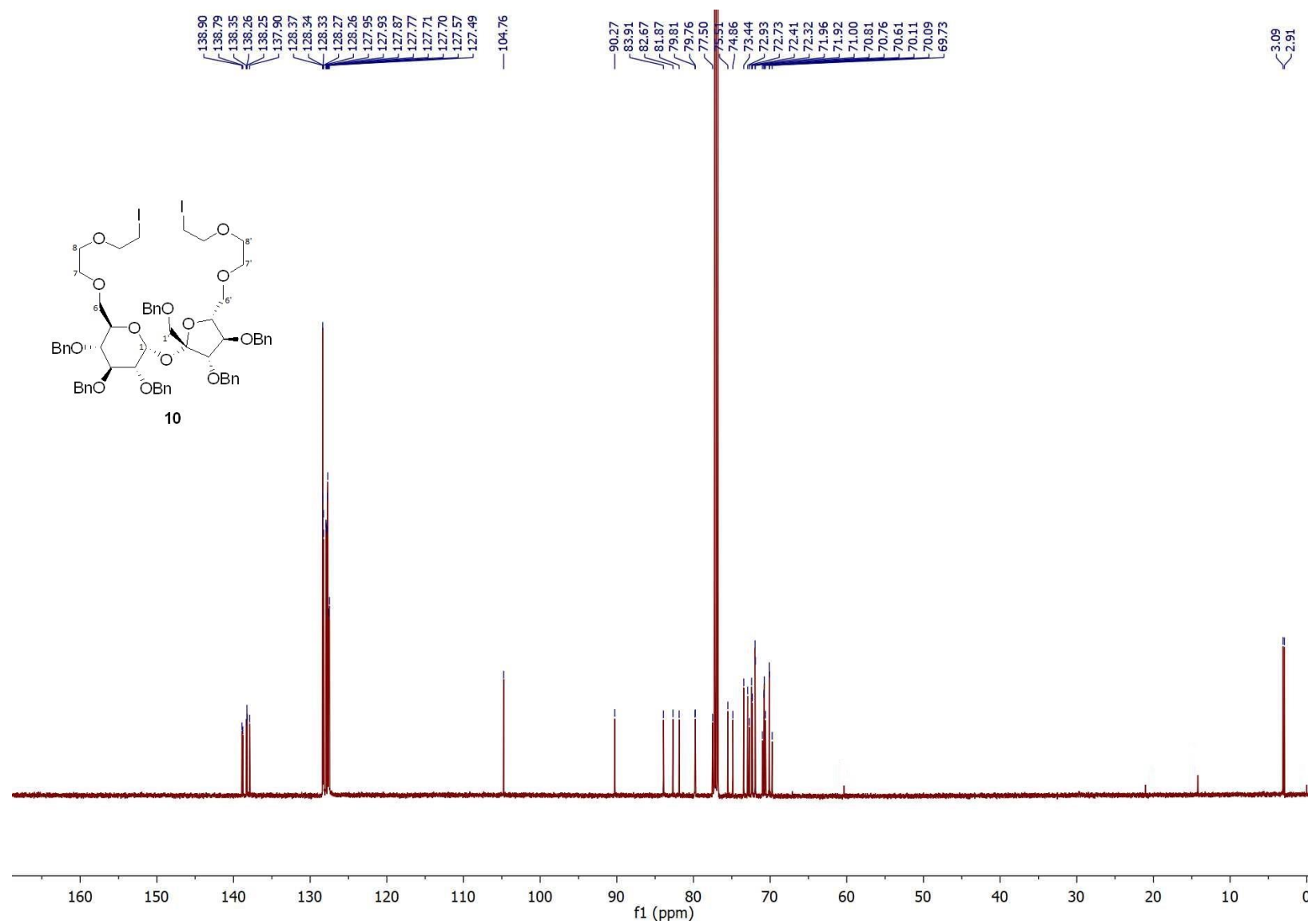


Figure S7 ^{13}C NMR spectrum of compound **10** (CDCl₃).

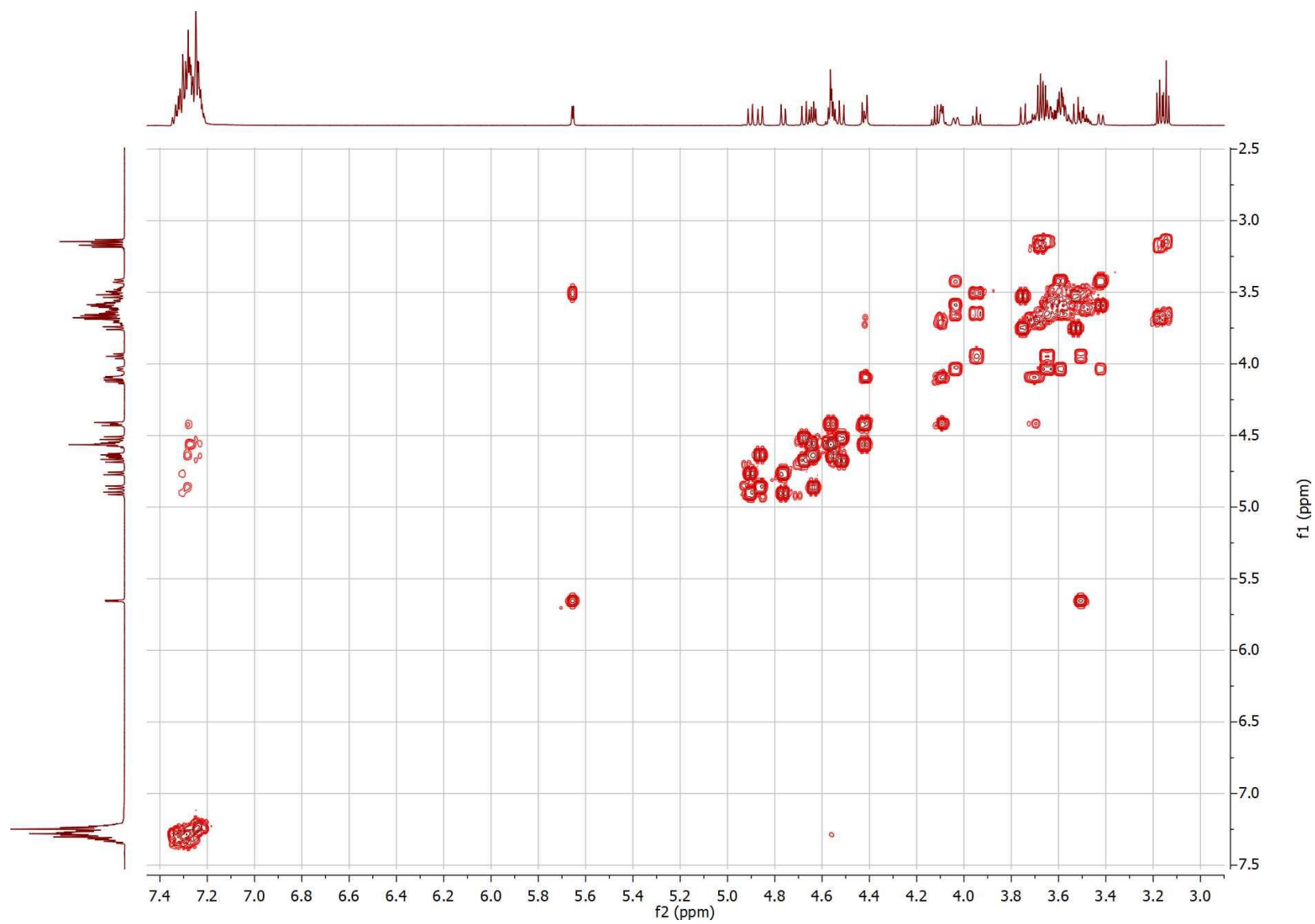


Figure S8 gCOSY spectrum of compound **10**.

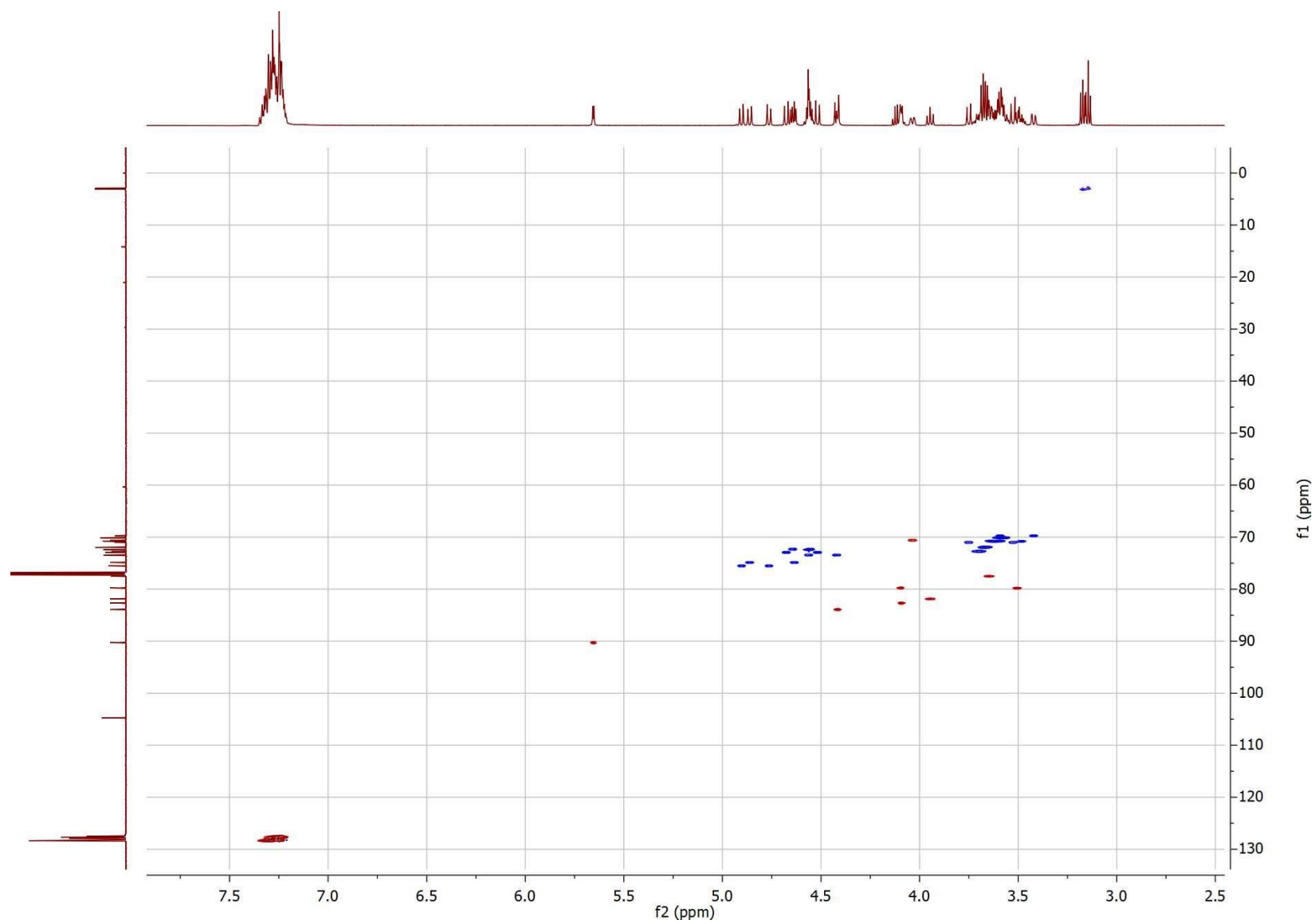


Figure S9 gHSQCAD spectrum of compound **10**

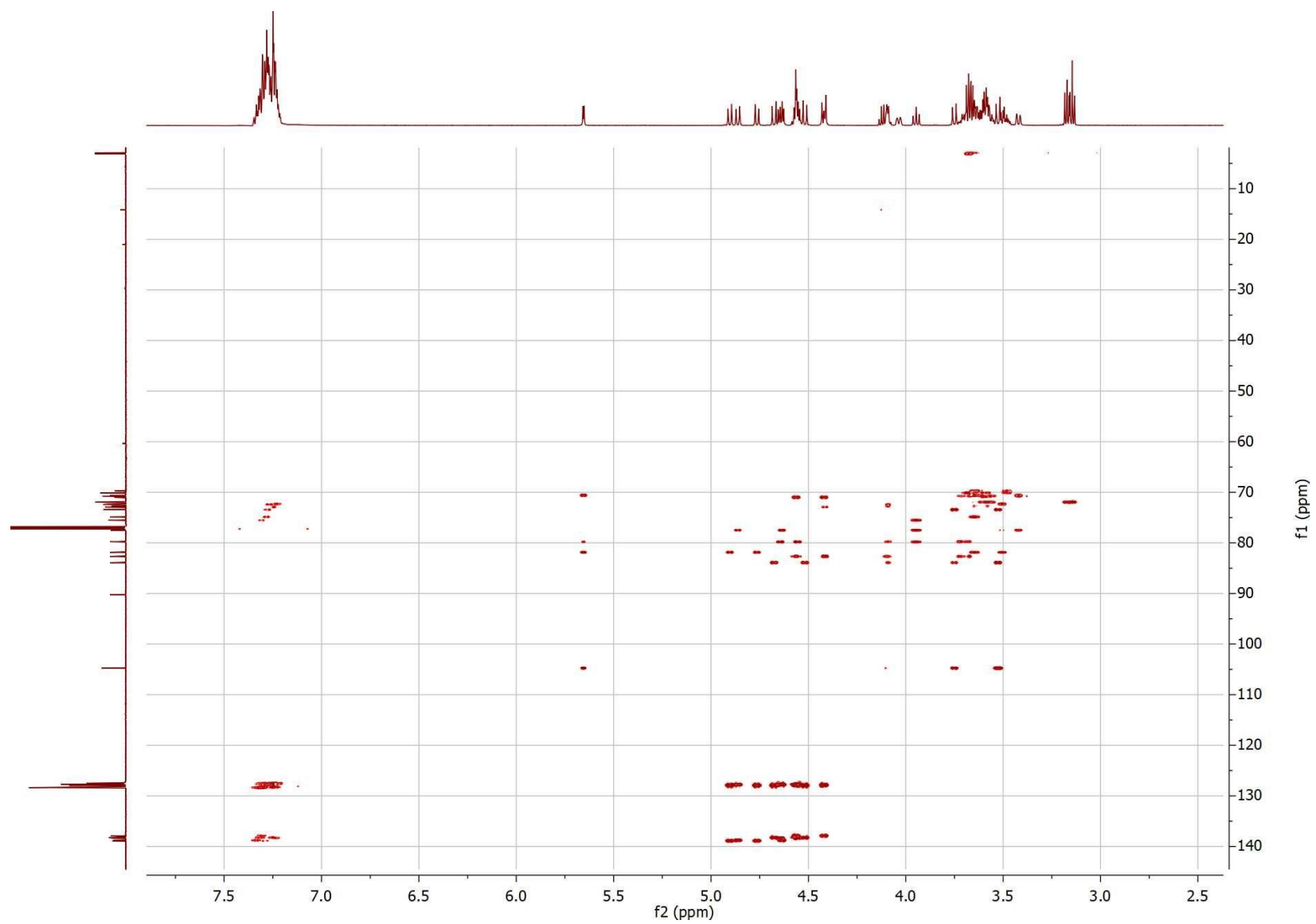


Figure S10 gHMBCAD spectrum of compound **10**.

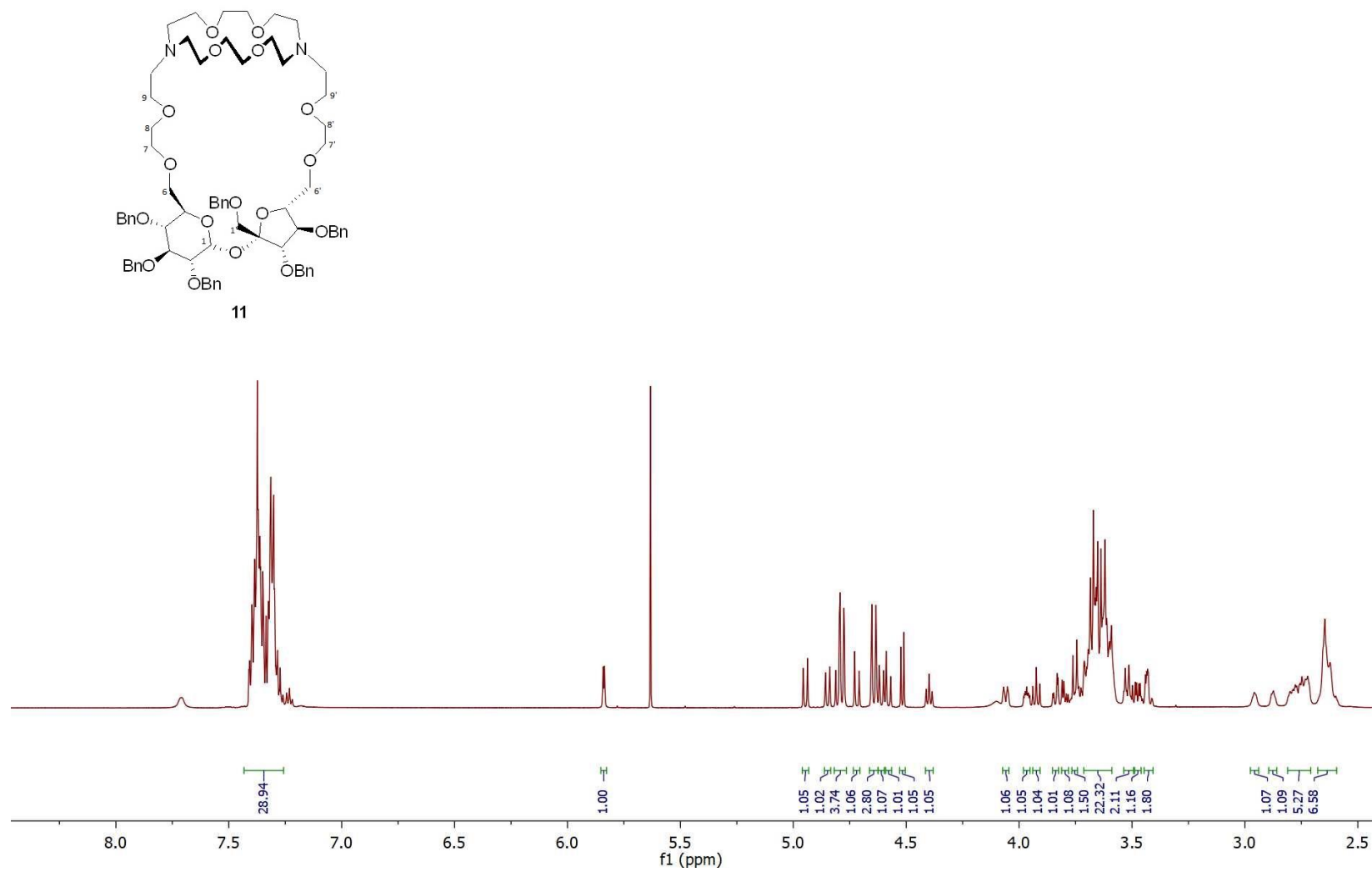


Figure S11 ^1H NMR spectrum of compound **11** (acetone- d_6).

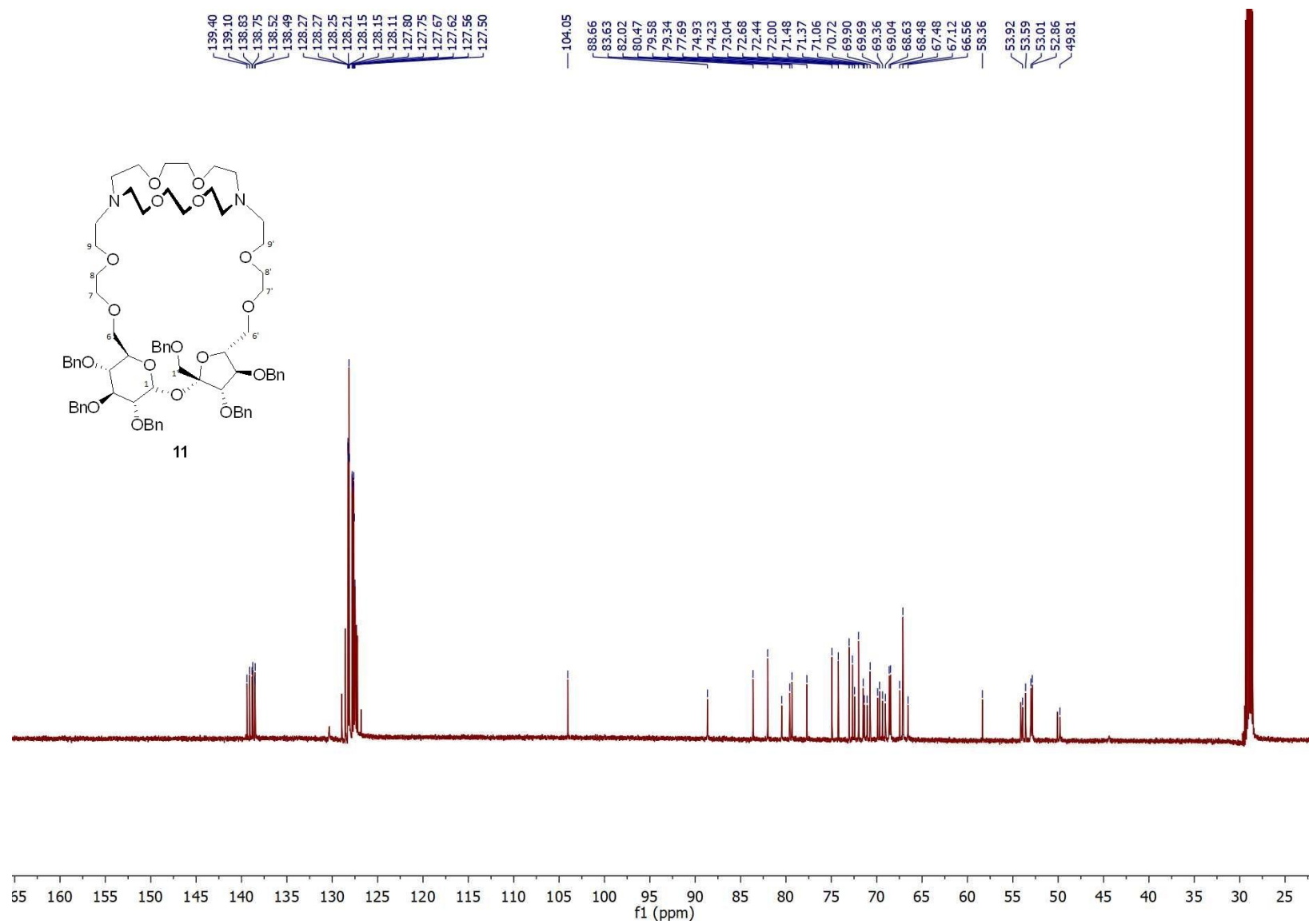


Figure S12 ^{13}C NMR spectrum of compound **11** (acetone- d_6).

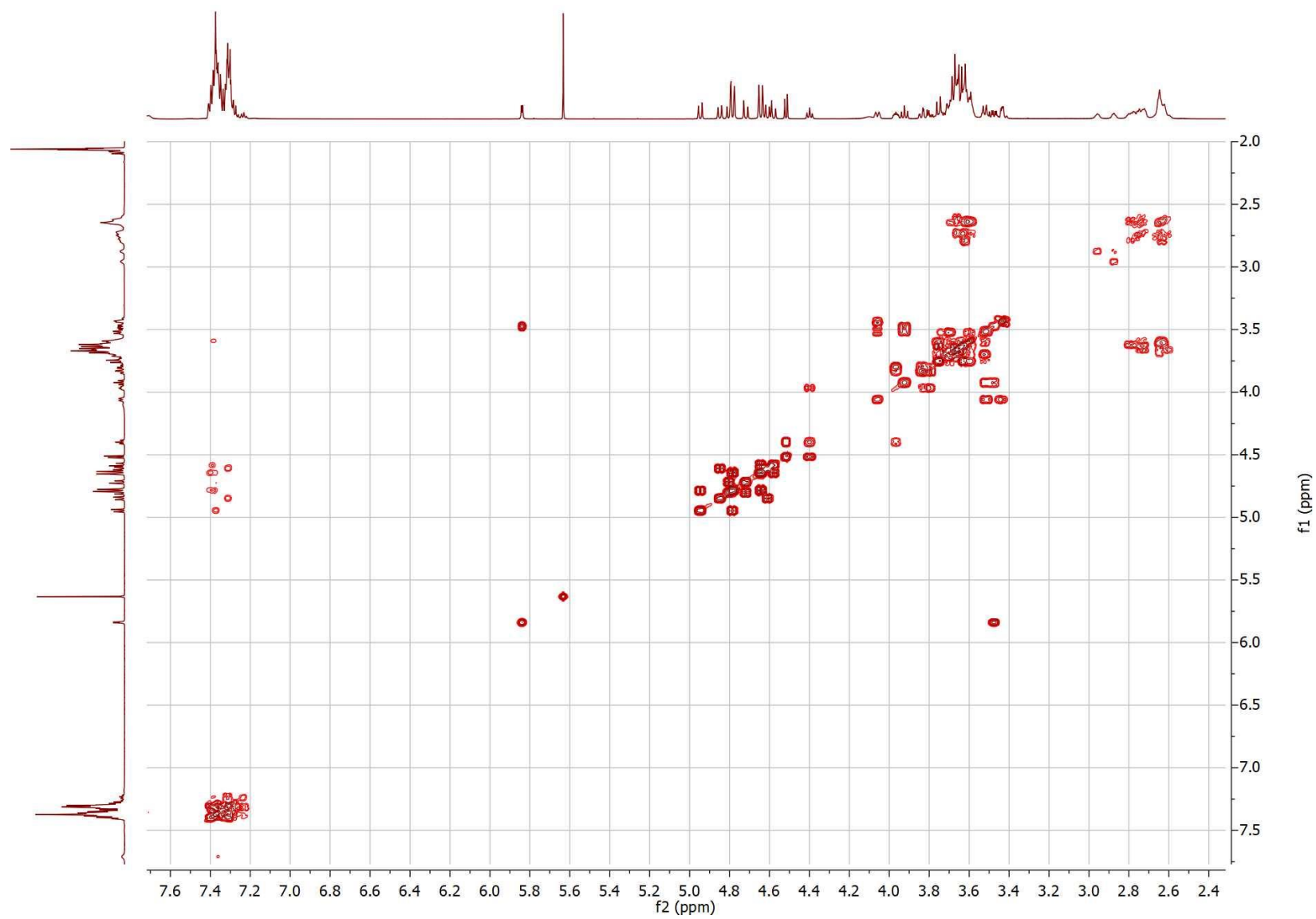


Figure S13 gCOSY spectrum of compound **11**.

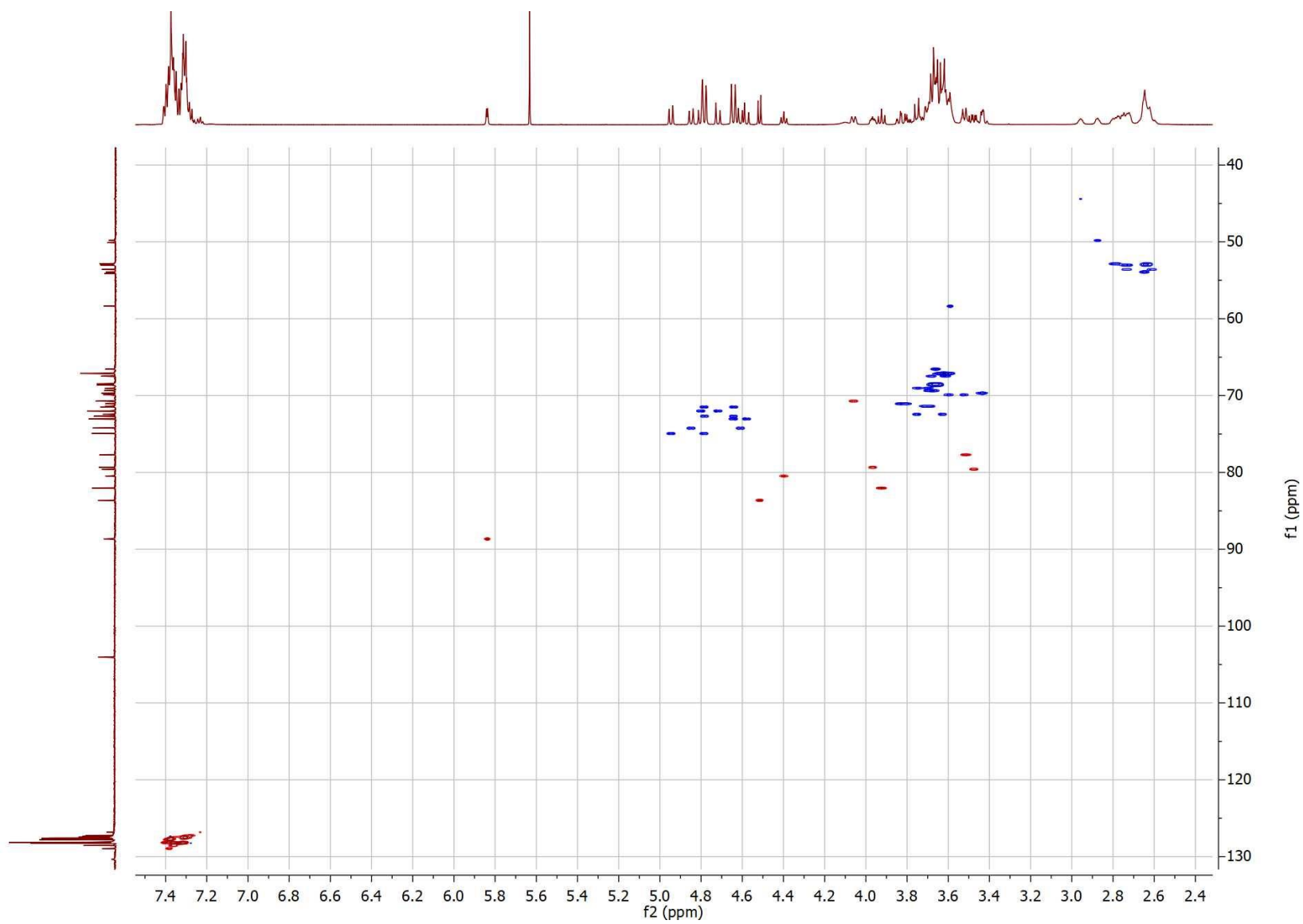


Figure S14 gHSQCAD spectrum of compound **11**.

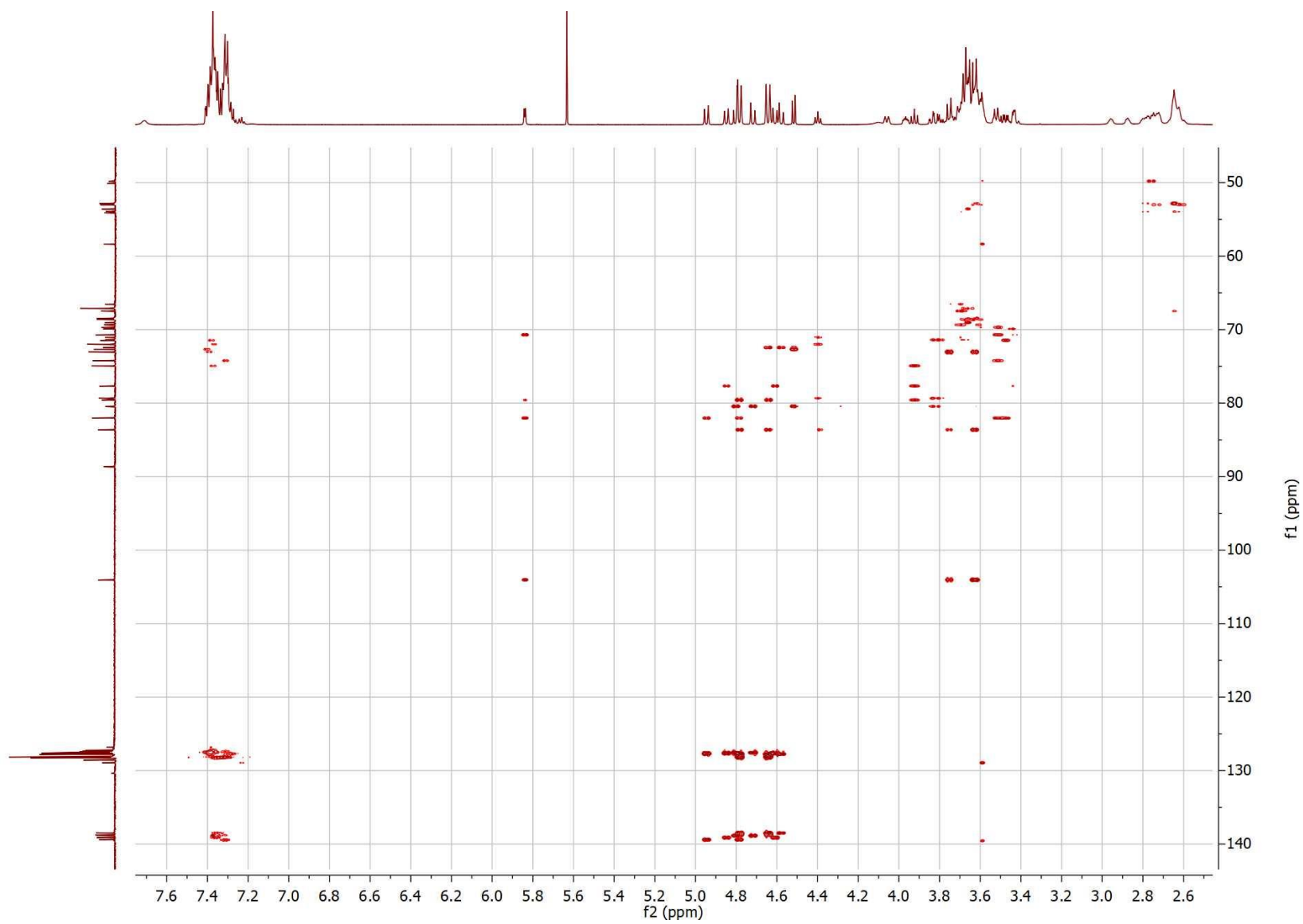


Figure S15 gHMBCAD spectrum of compound **11**.

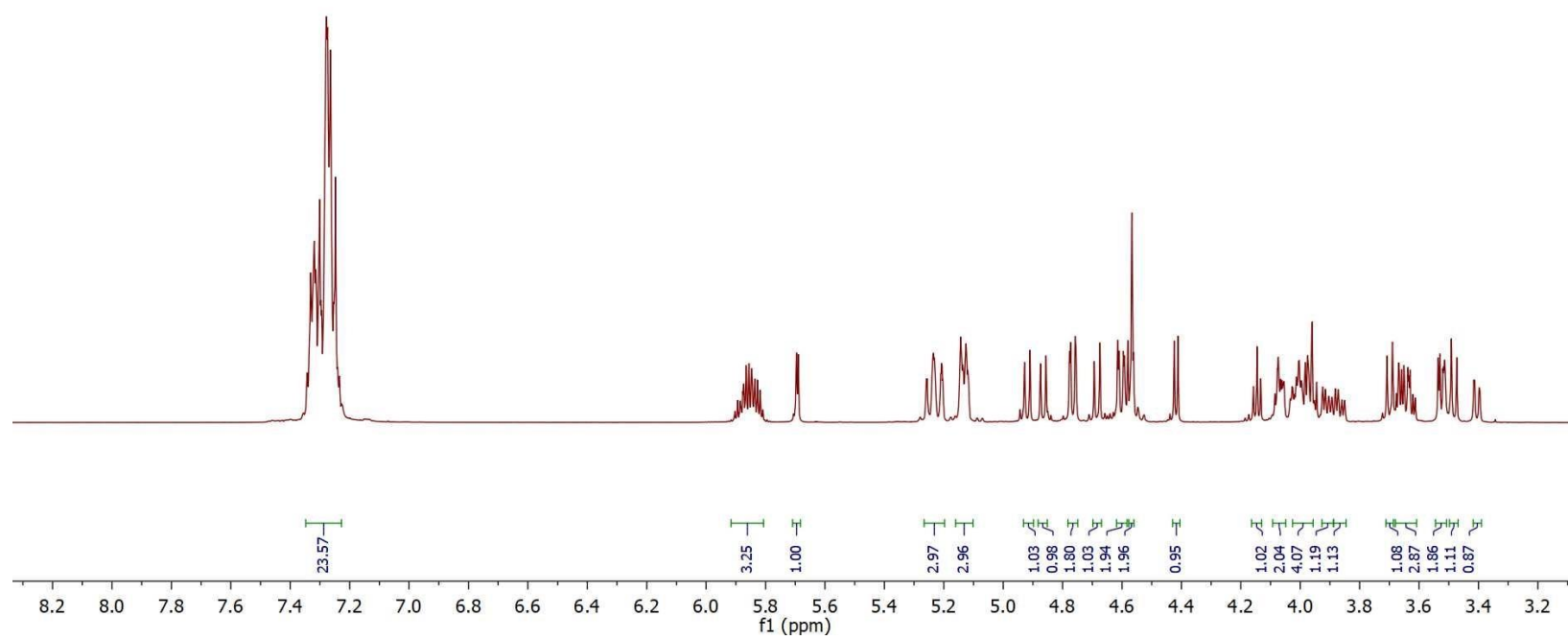
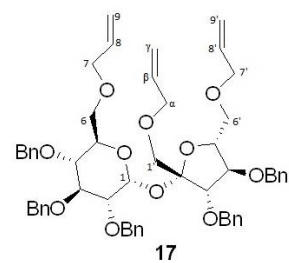


Figure S16 ^1H NMR spectrum of compound **17** (CDCl_3).

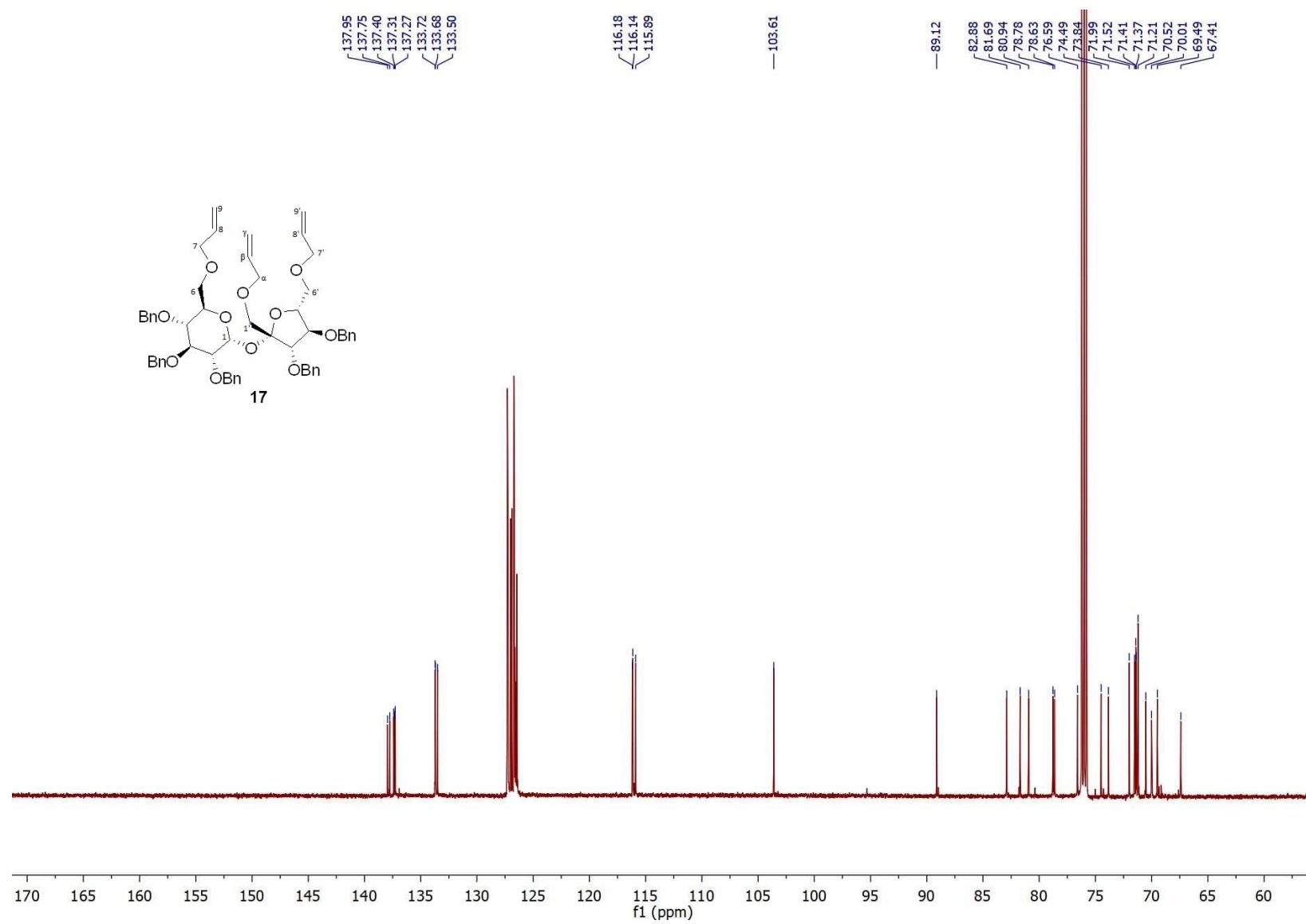


Figure S17 ^{13}C NMR spectrum of compound **17** (CDCl_3).

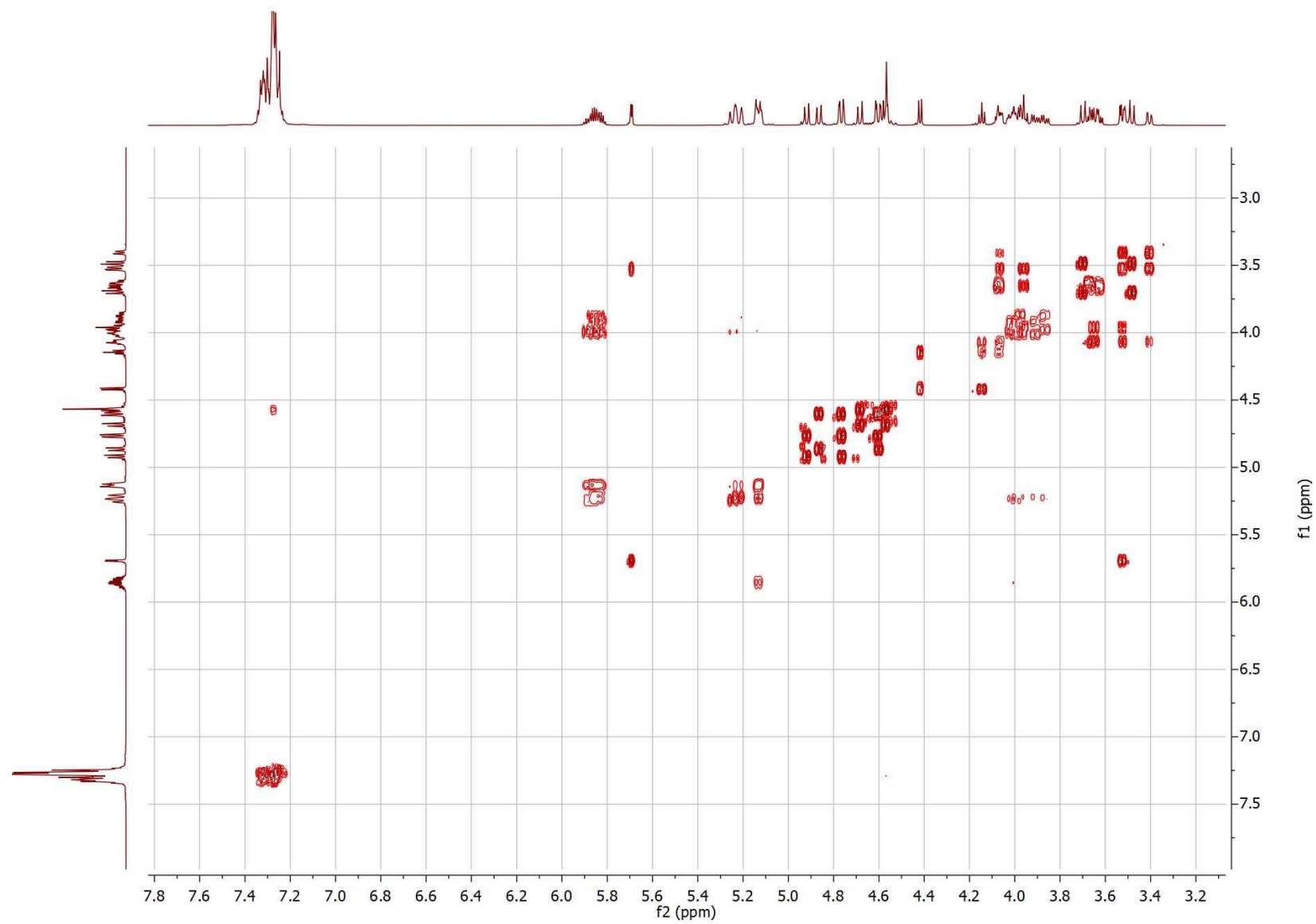


Figure S18 gCOSY spectrum of compound **17**.

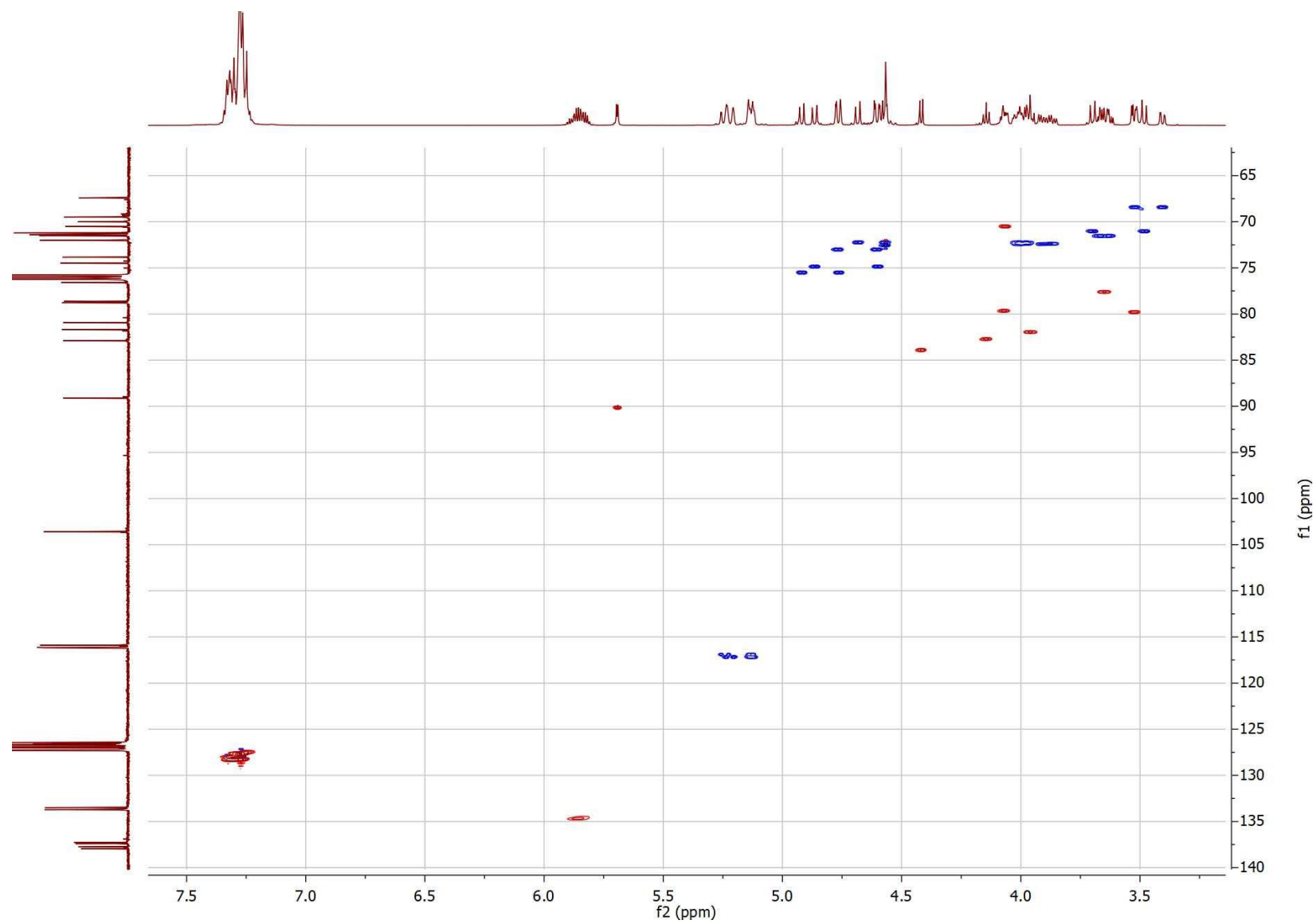


Figure S19 gHSQCAD spectrum of compound **17**.

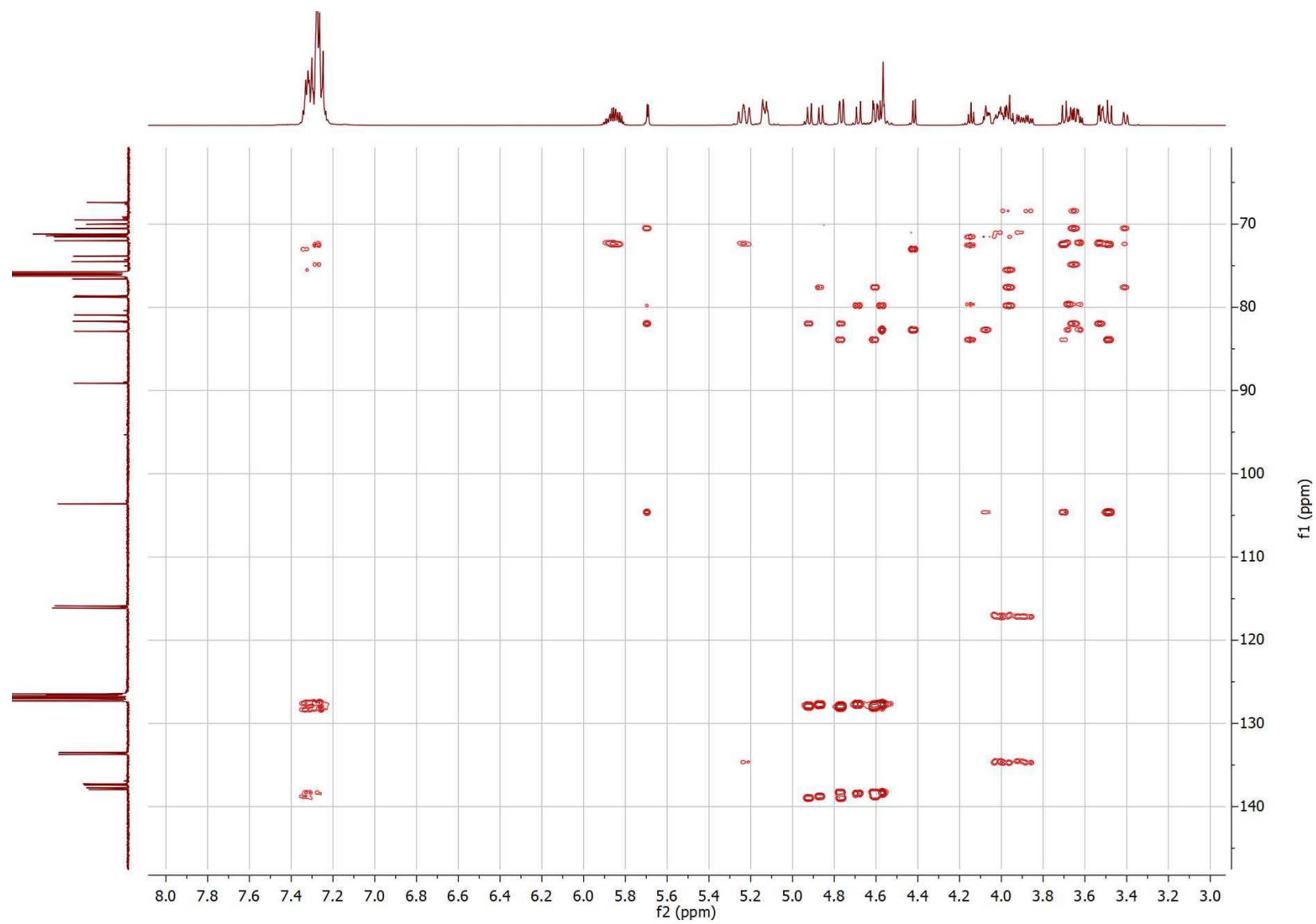


Figure S20 gHMBCAD spectrum of compound **17**.

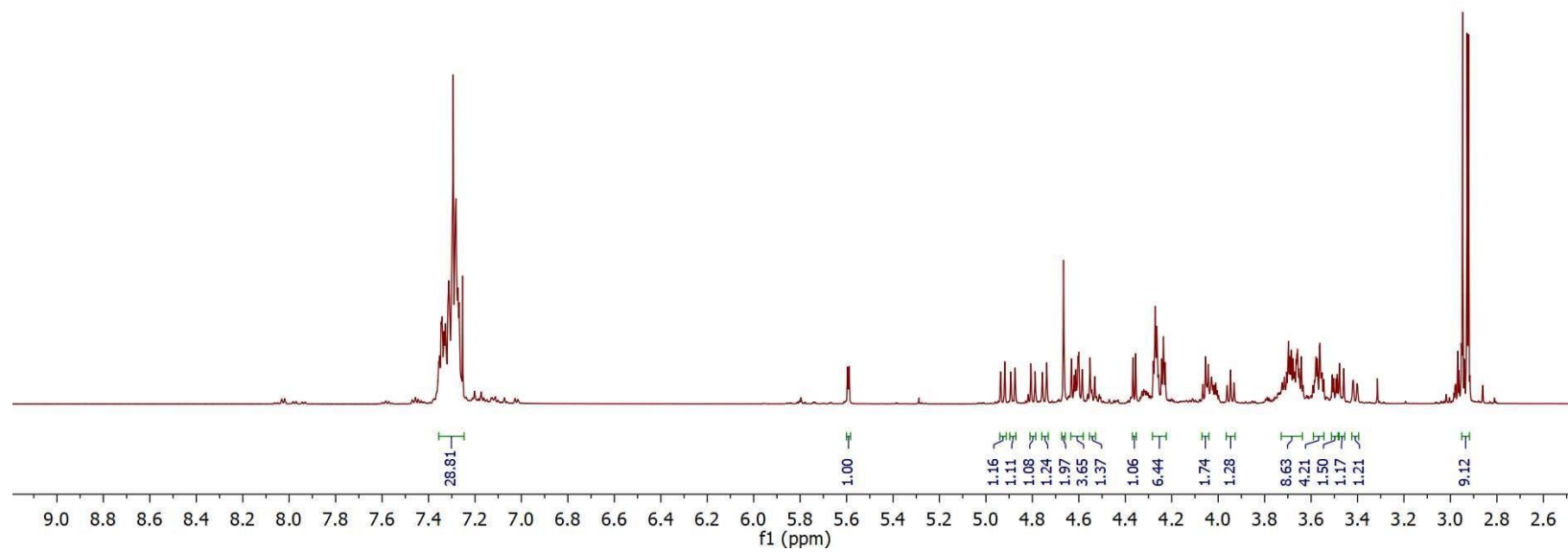
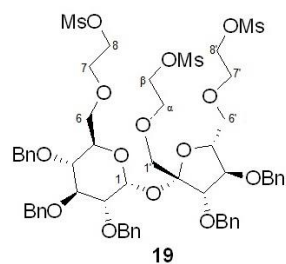


Figure S21 ^1H NMR spectrum of compound **19** (CDCl_3).

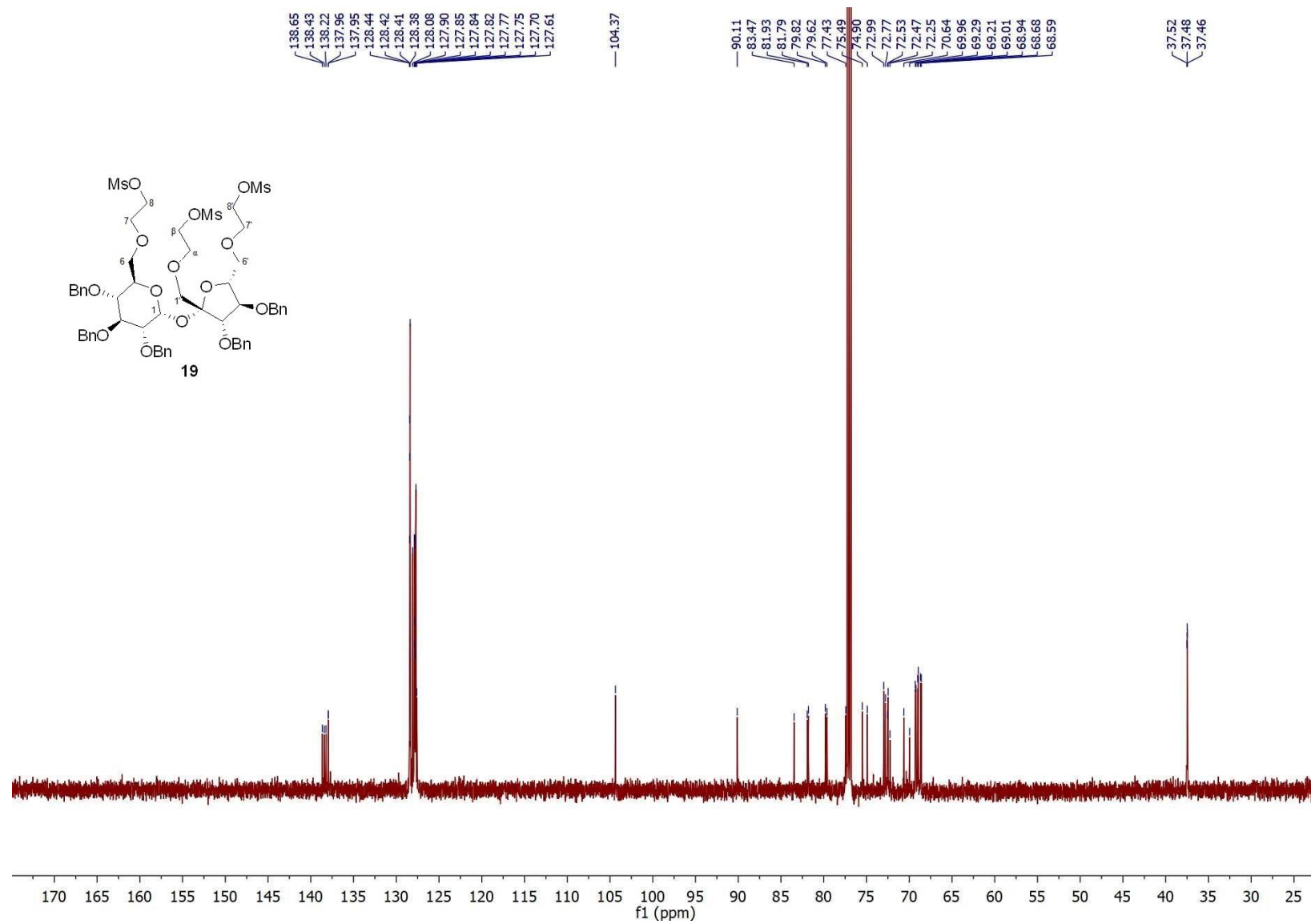


Figure S22 ^{13}C NMR spectrum of compound **19** (CDCl₃).

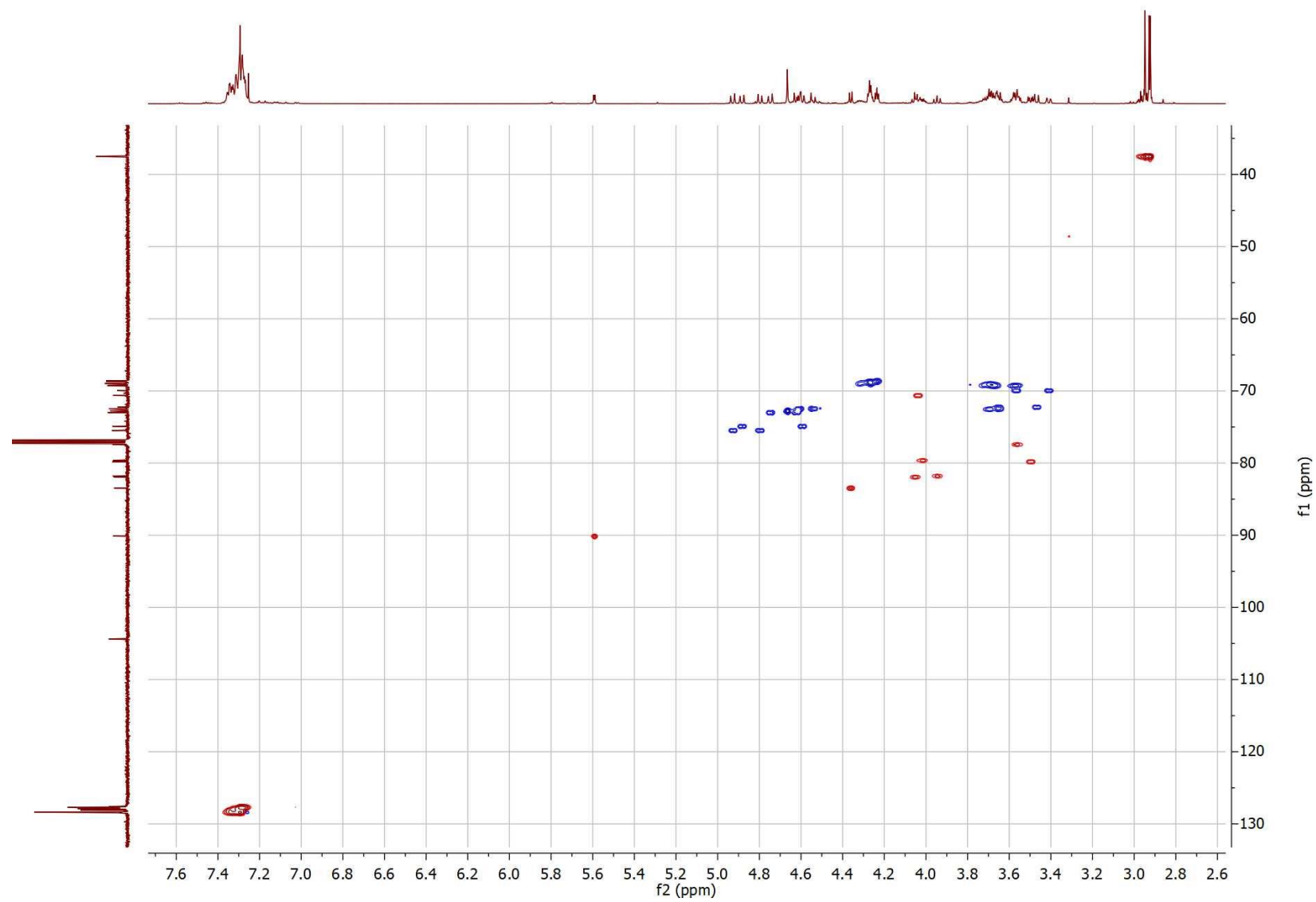


Figure S24 gHSQCAD spectrum of compound 19.

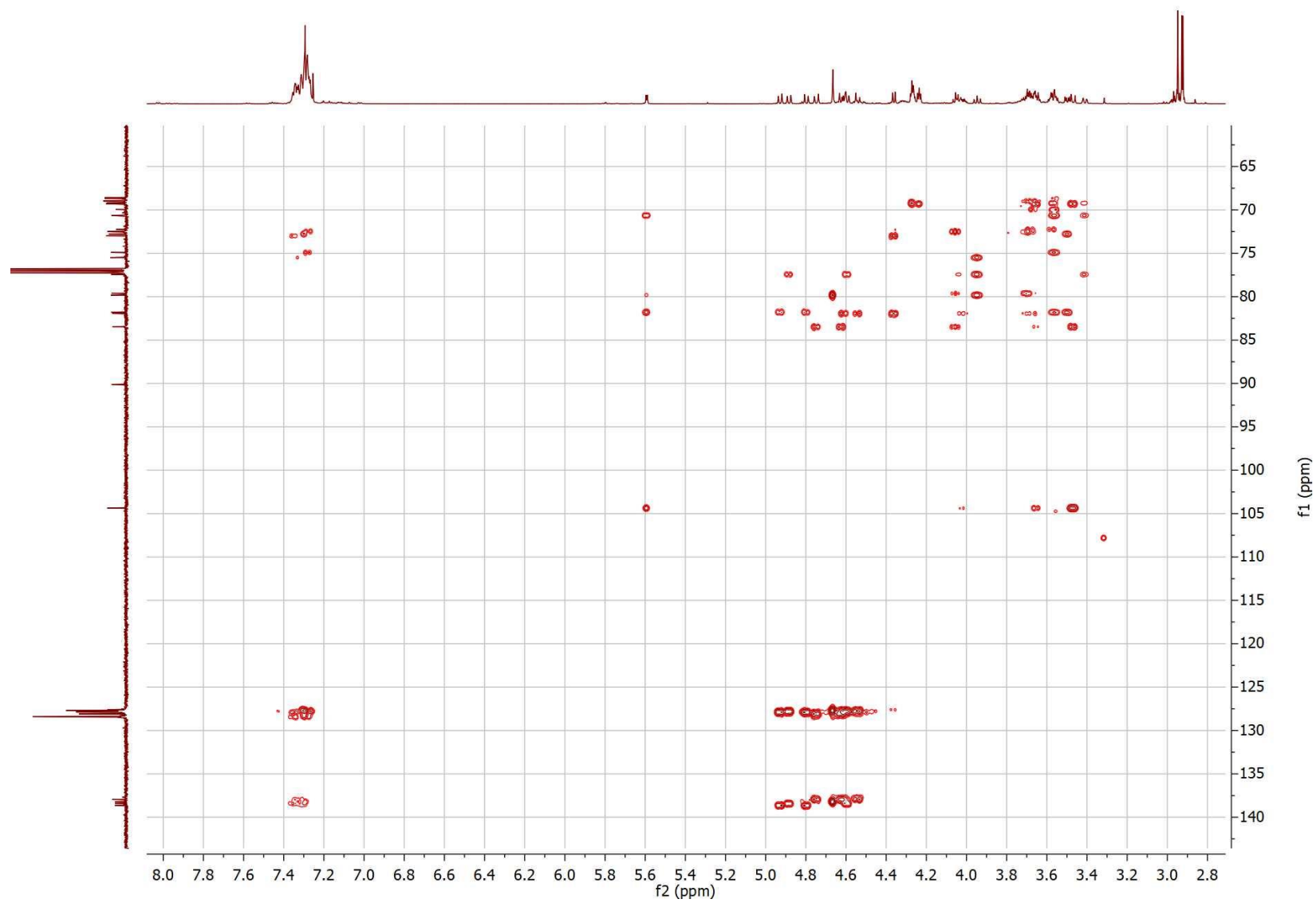


Figure S25 gHMBCAD spectrum of compound **19**.

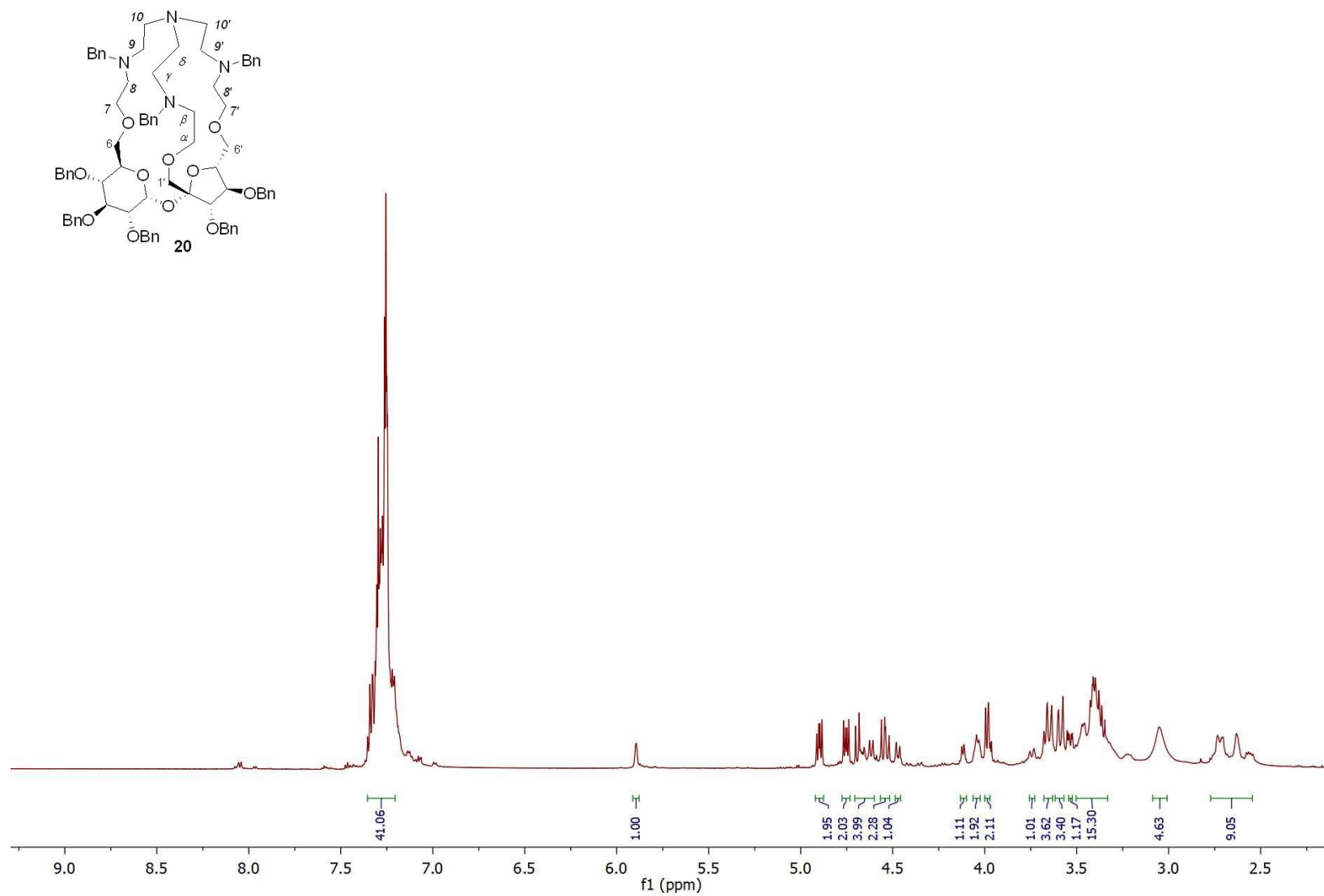


Figure S26 ^1H NMR spectrum of compound **20** (CDCl_3).

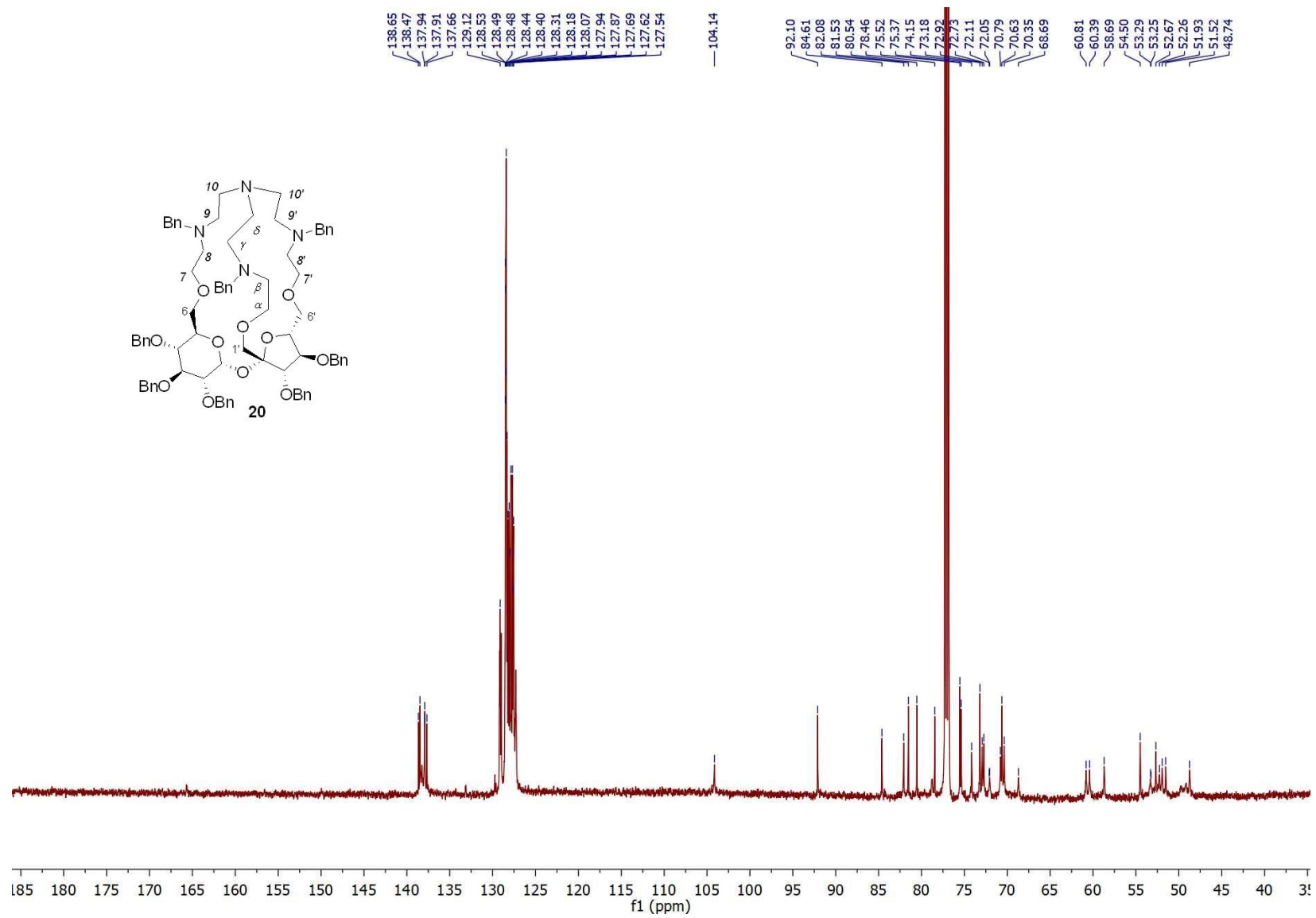


Figure S27 ¹³C NMR spectrum of compound **20** (CDCl₃).

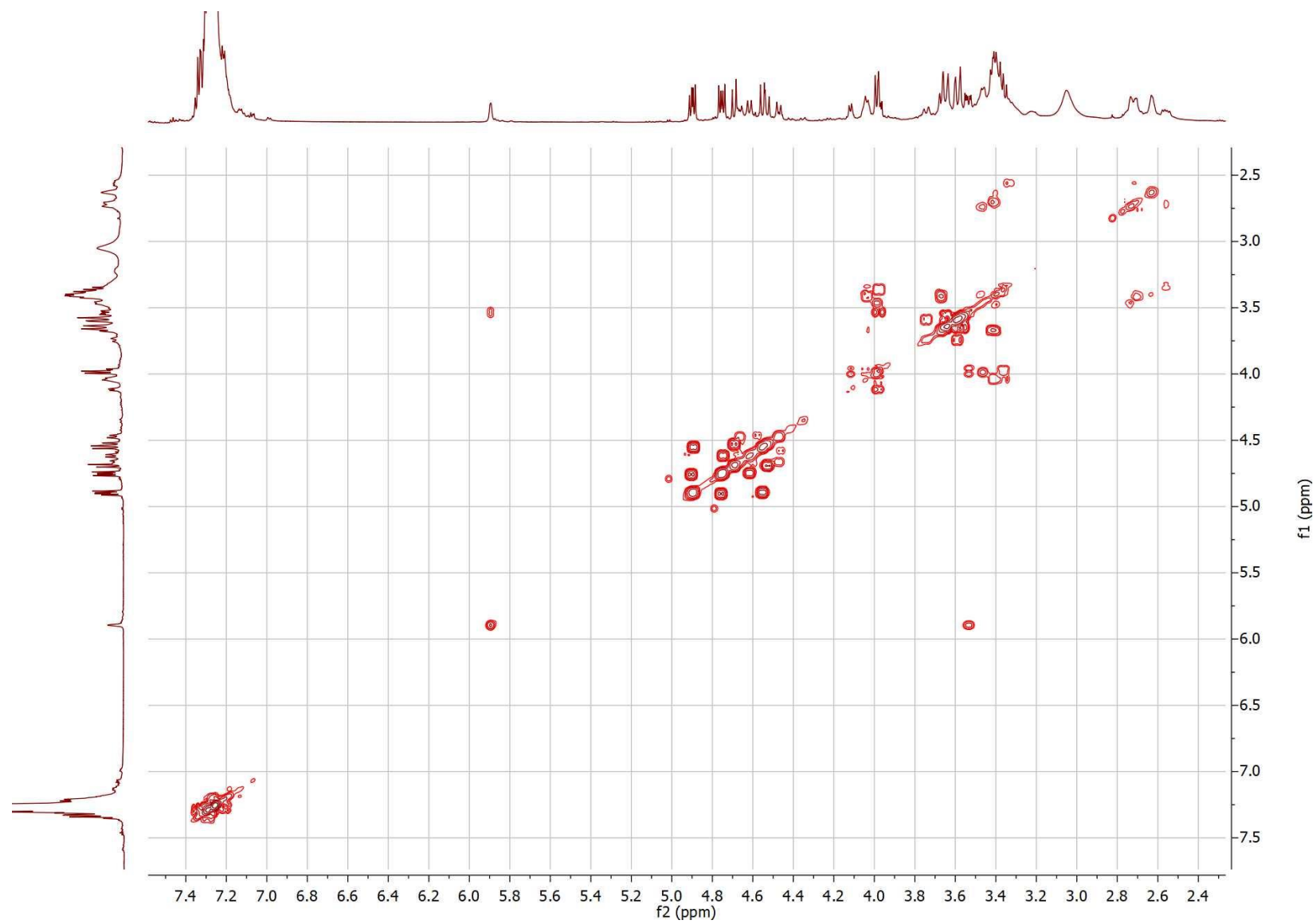


Figure S28 gCOSY spectrum of compound **20**.

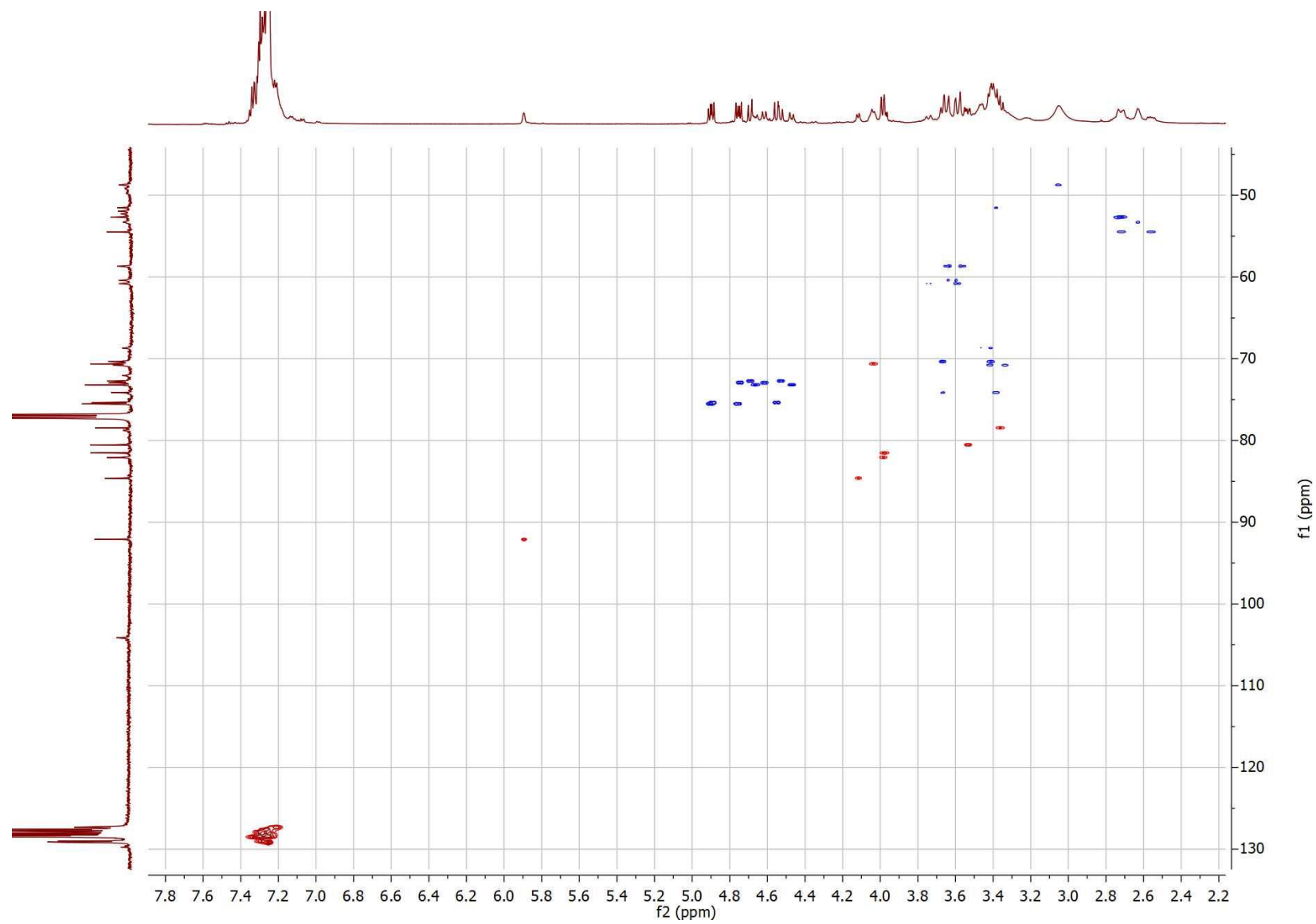


Figure S29 gHSQCAD spectrum of compound 20.

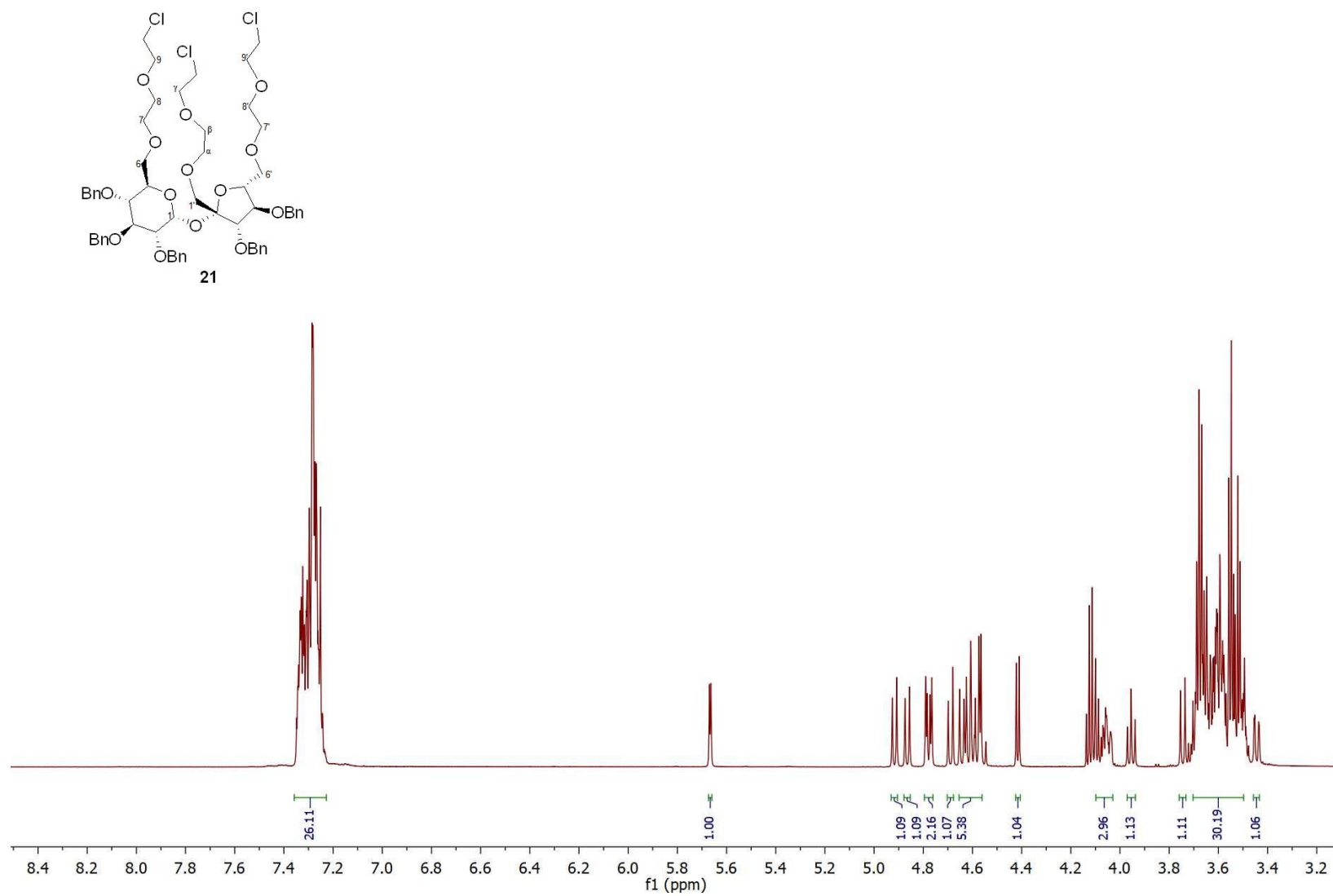


Figure S30 ^1H NMR spectrum of compound **21** (CDCl₃).

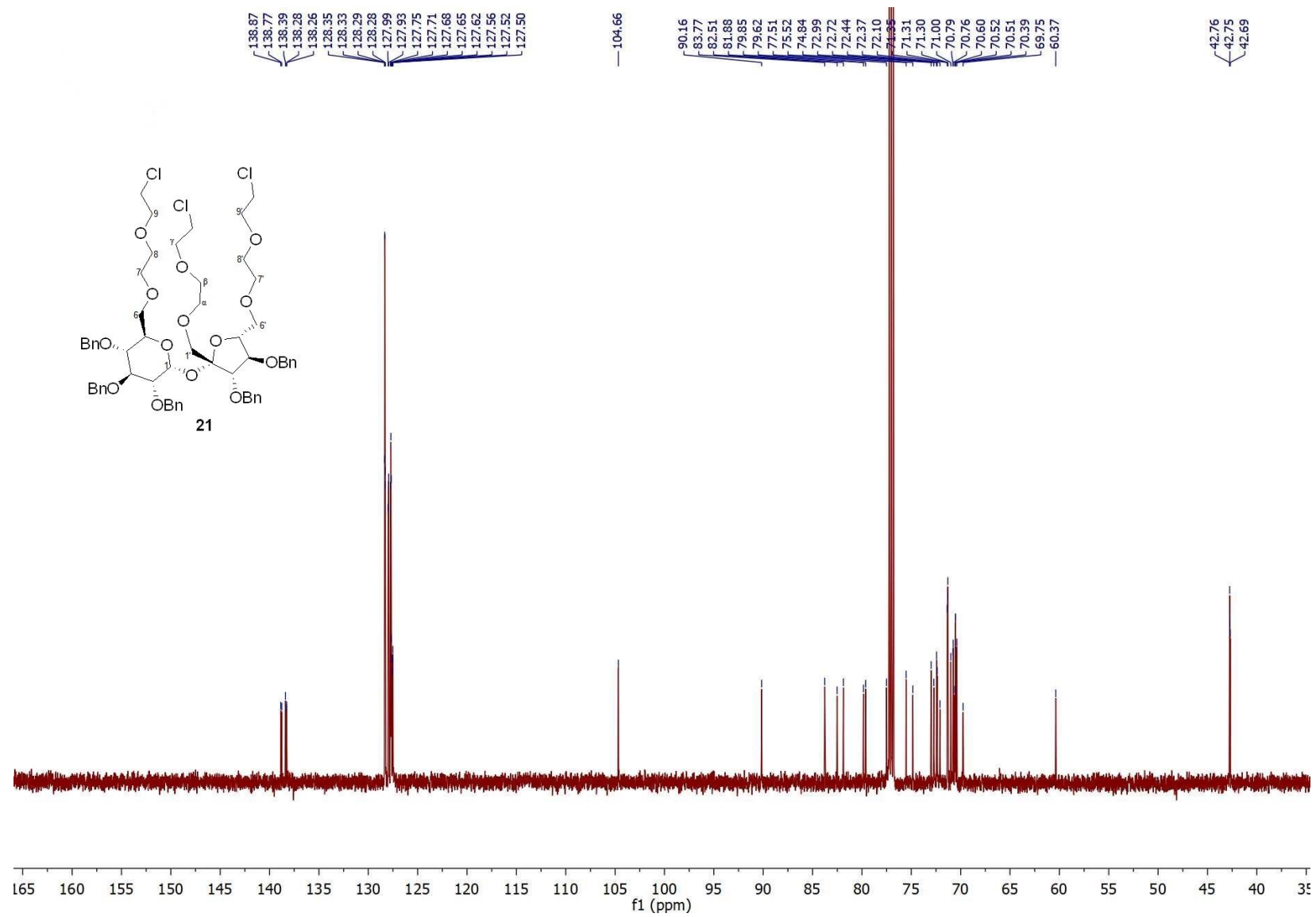


Figure S31 ¹³C NMR spectrum of compound **21** (CDCl₃).

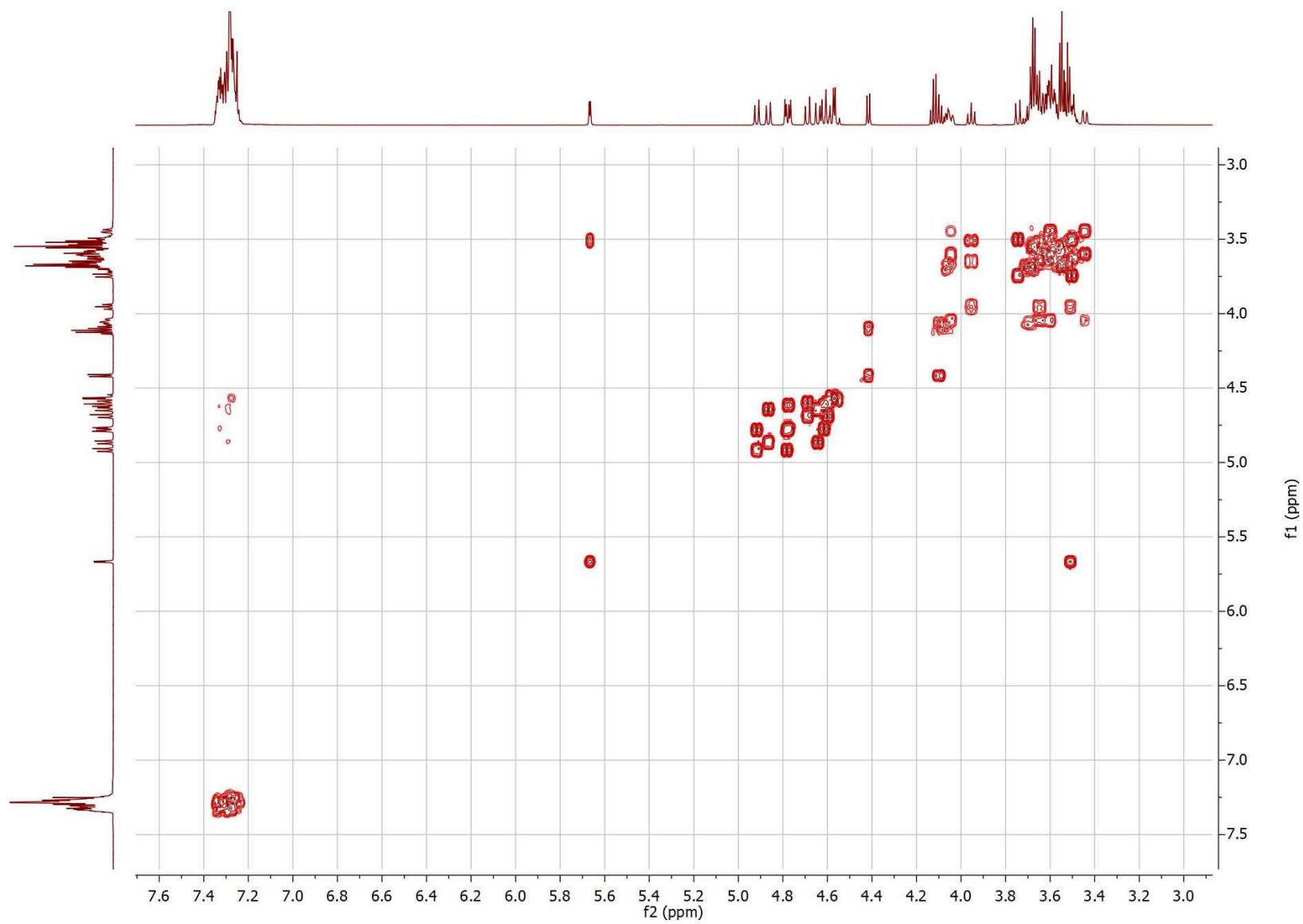


Figure S32 gCOSY spectrum of compound **21**.

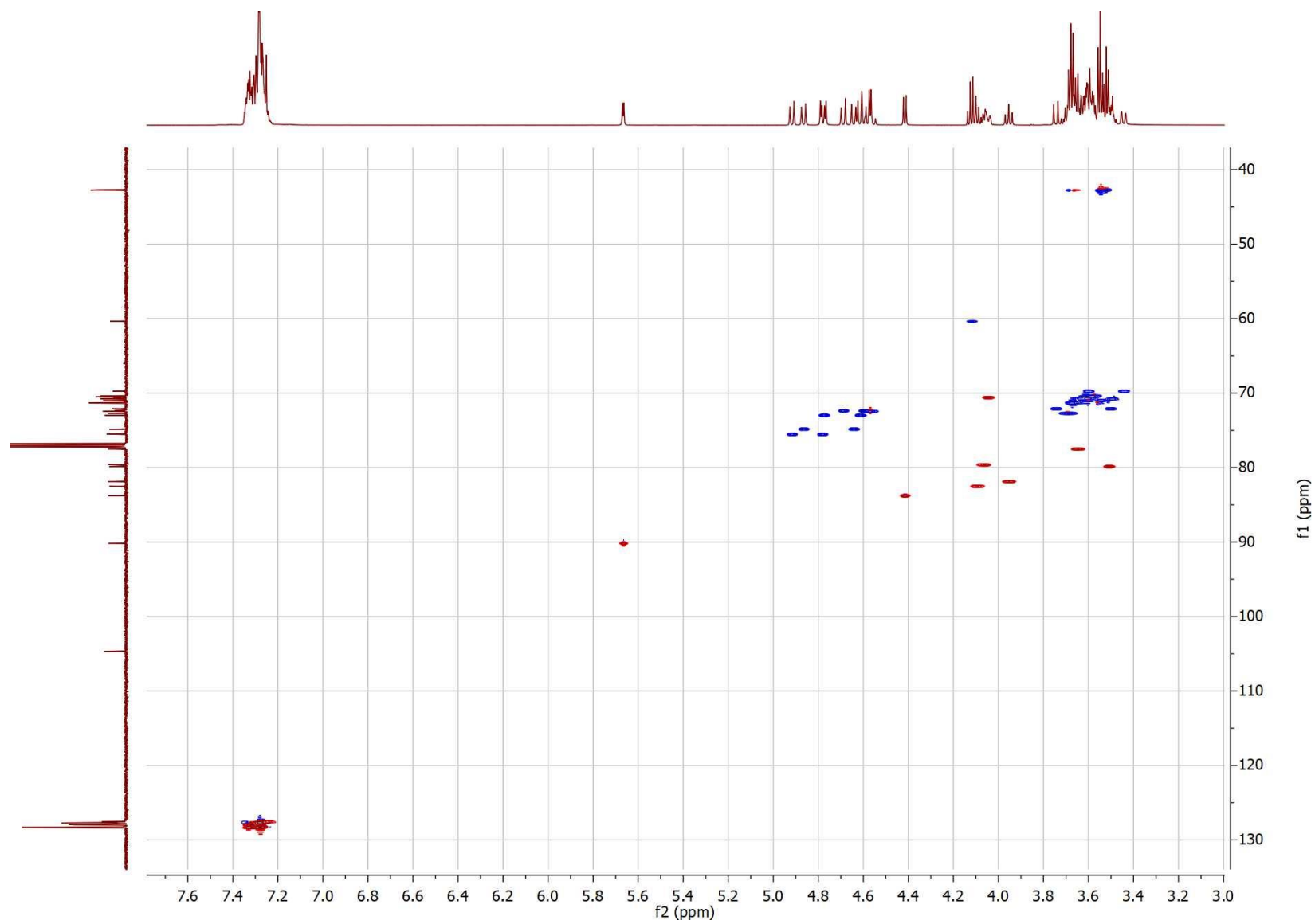


Figure S33 gHSQCAD spectrum of compound **21**.

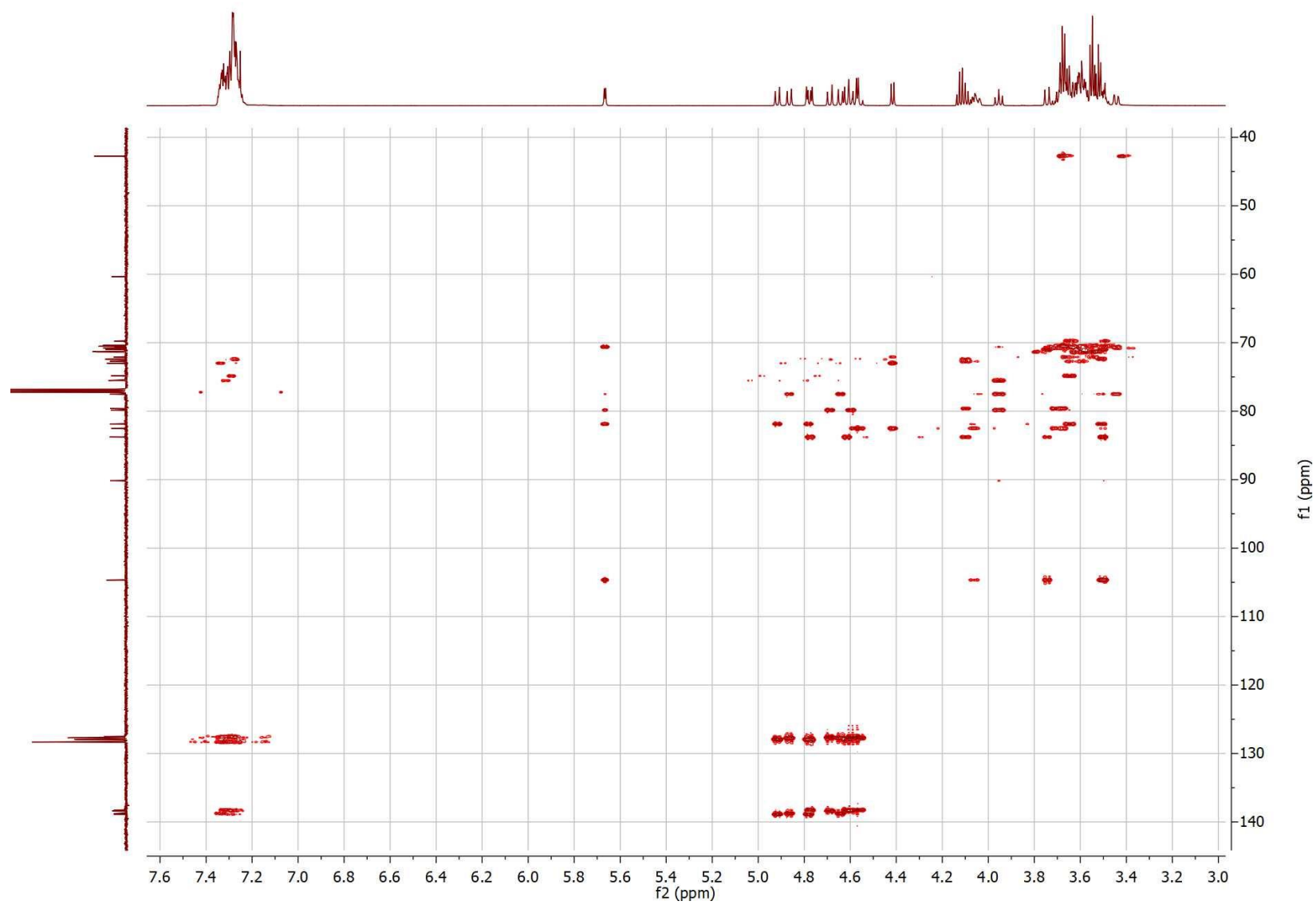


Figure S34 gHMBCAD spectrum of compound **21**.

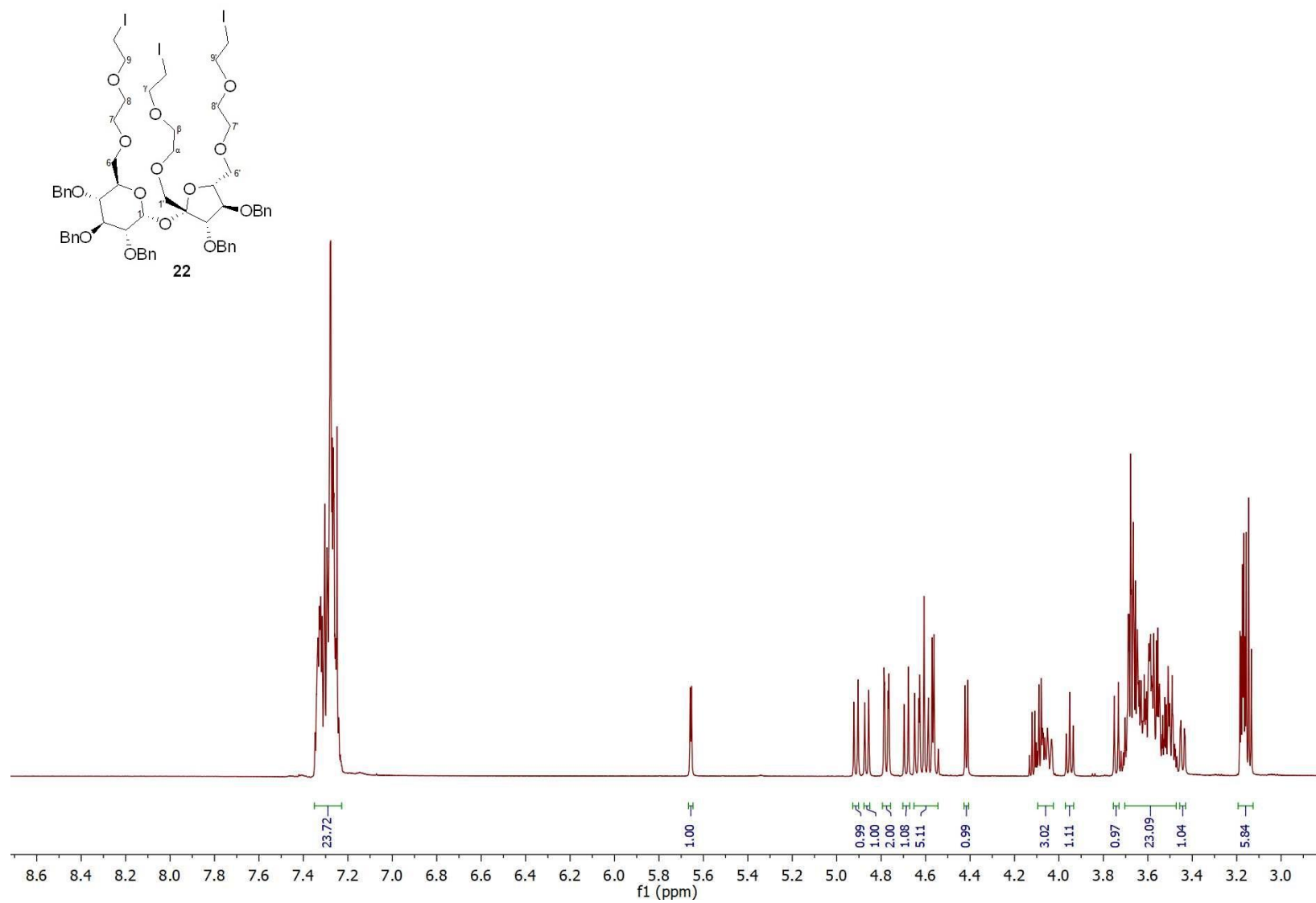


Figure S35 ^1H NMR spectrum of compound **22** (CDCl_3).

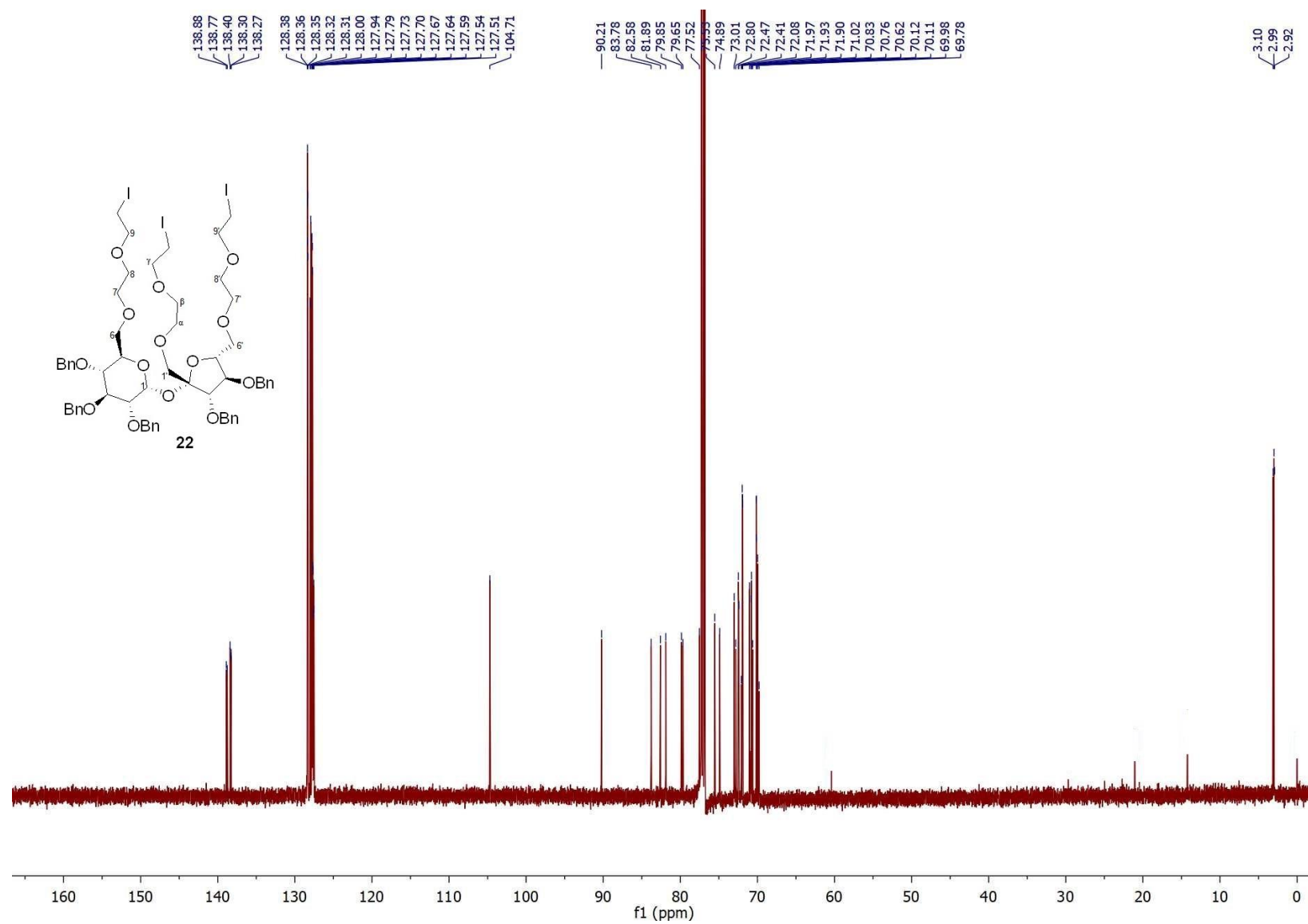


Figure S36 ^{13}C NMR spectrum of compound **22** (CDCl₃).



Figure S37 gCOSY spectrum of compound **22**.

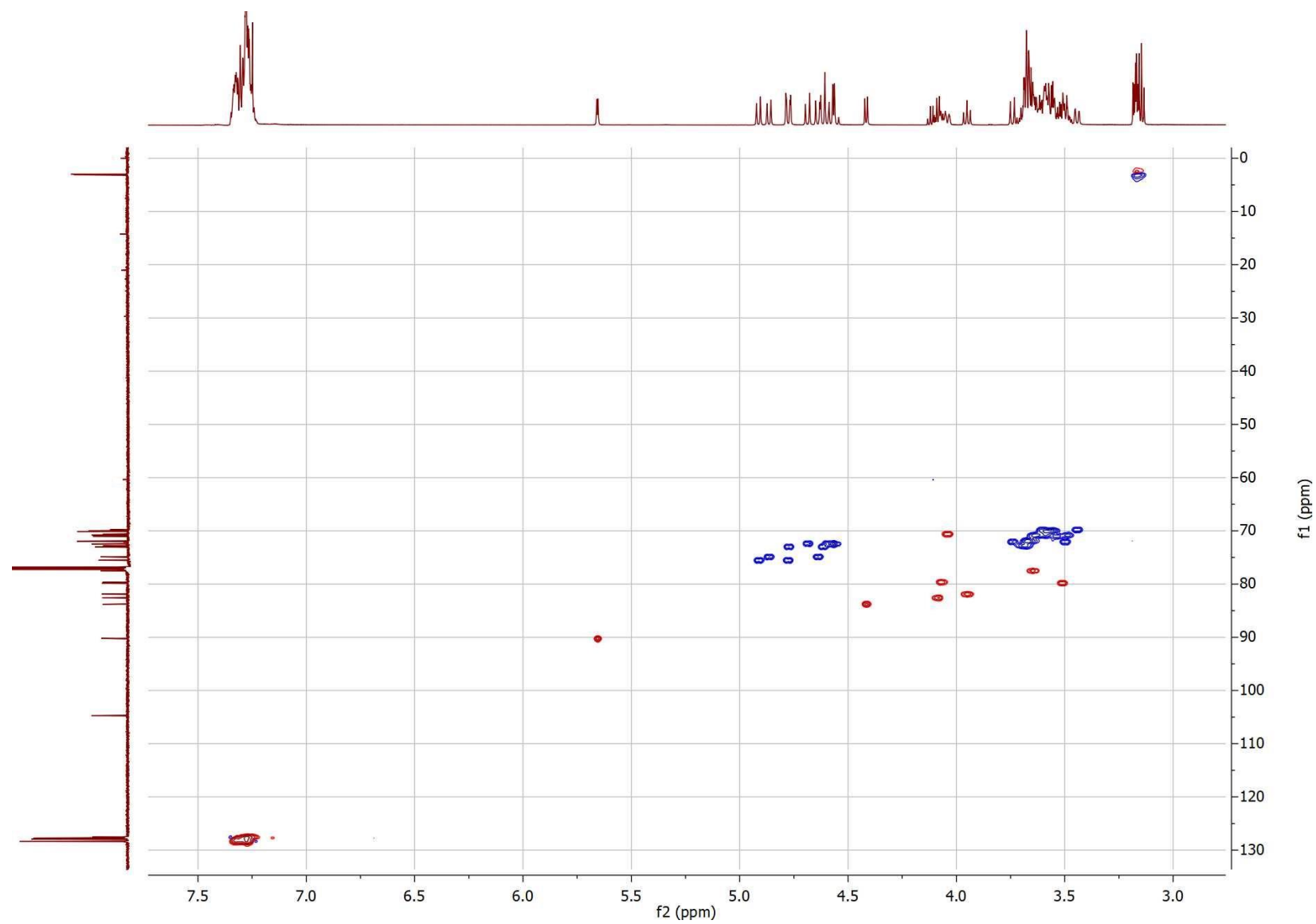


Figure S38 gHSQCAD spectrum of compound **22**.

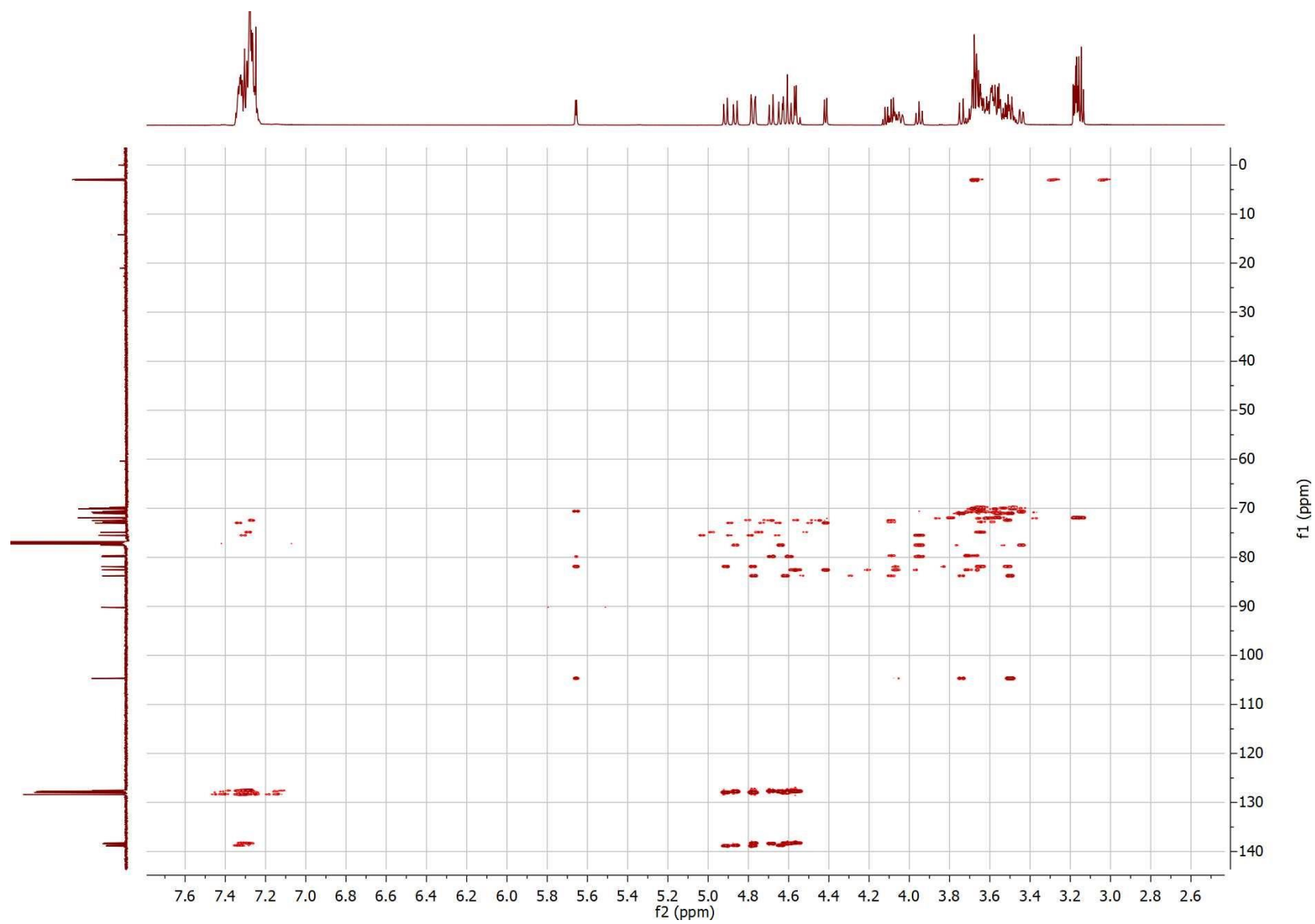


Figure S39 gHMBCAD spectrum of compound **22**.

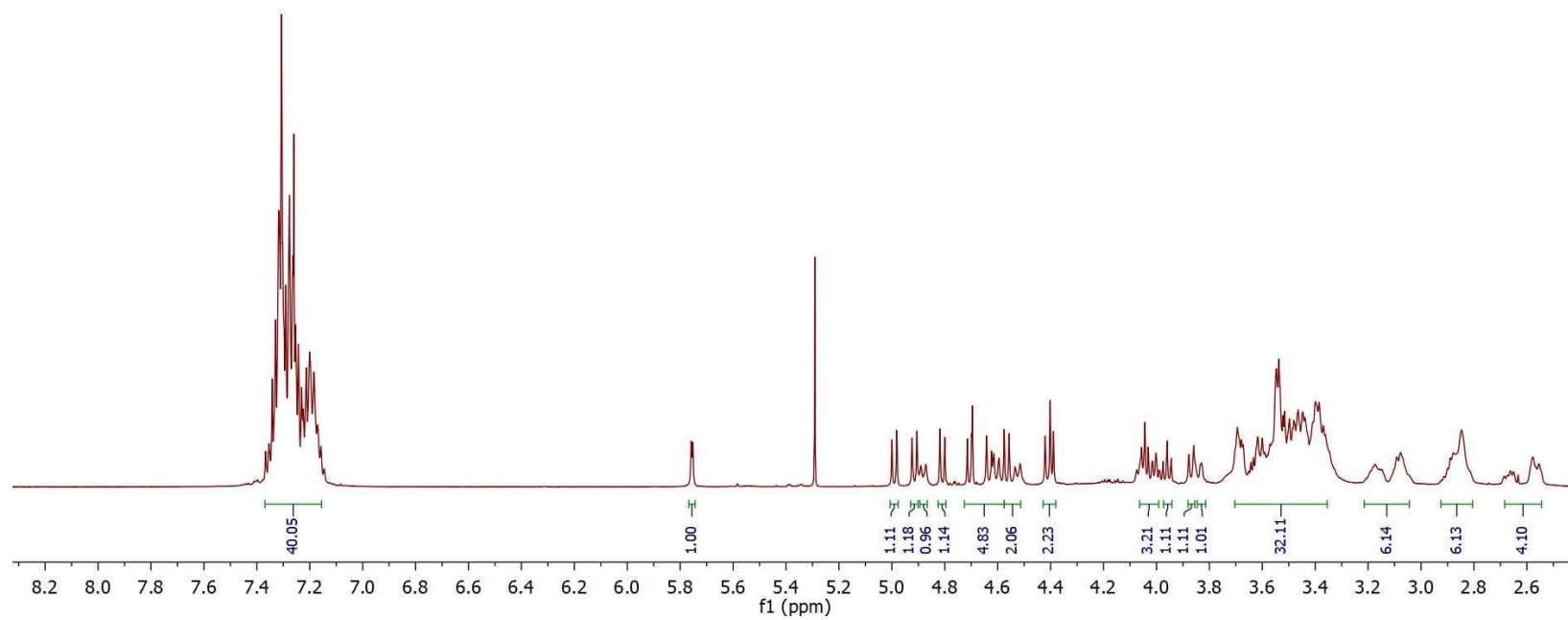
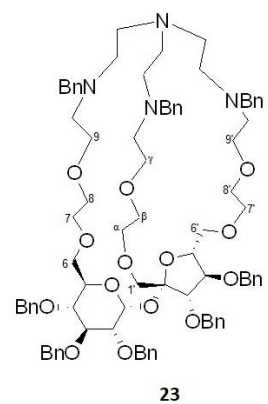


Figure S40 ^1H NMR spectrum of compound **23** (acetone- d_6).

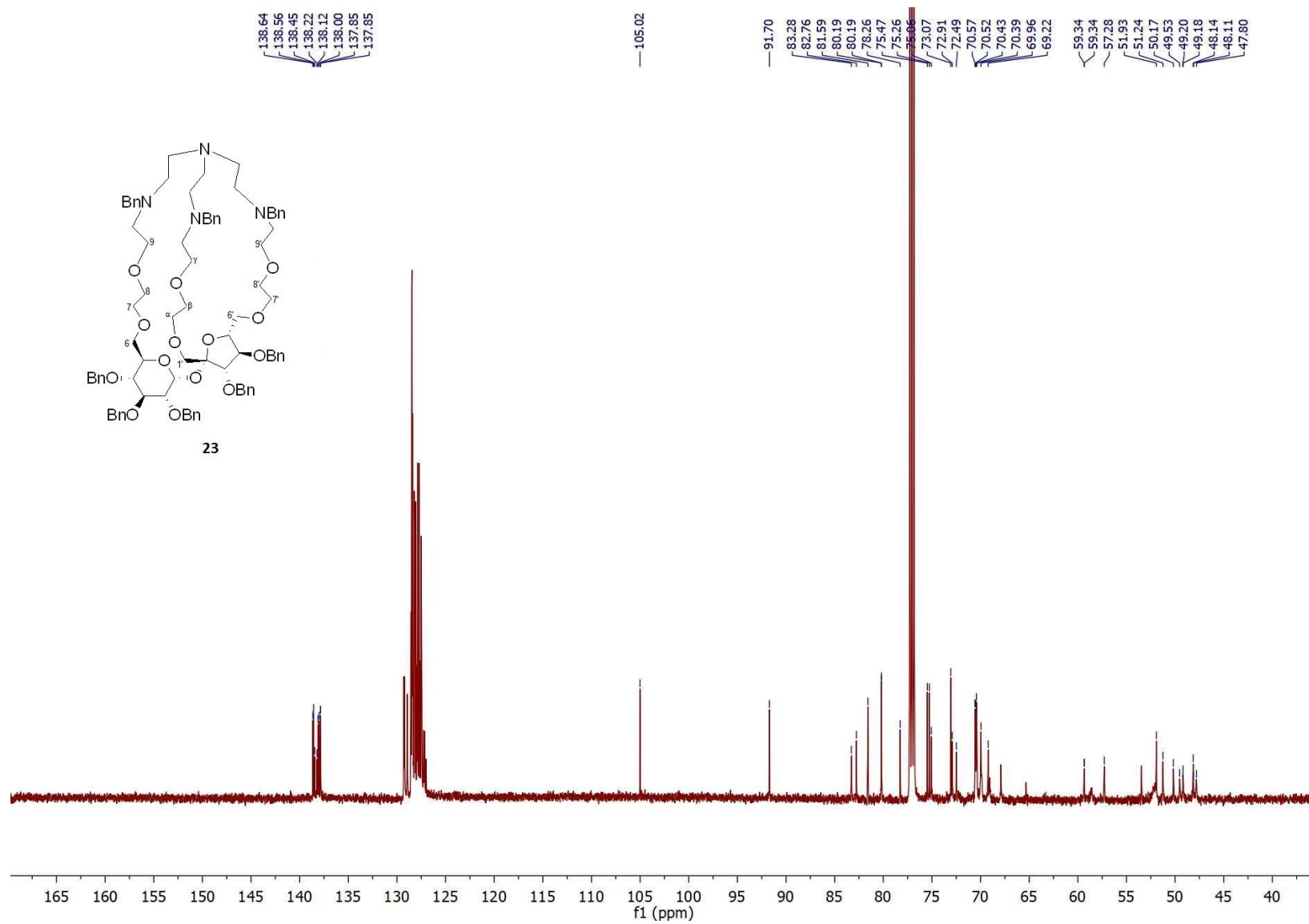


Figure S41 ^{13}C NMR spectrum of compound **23** (acetone- d_6).

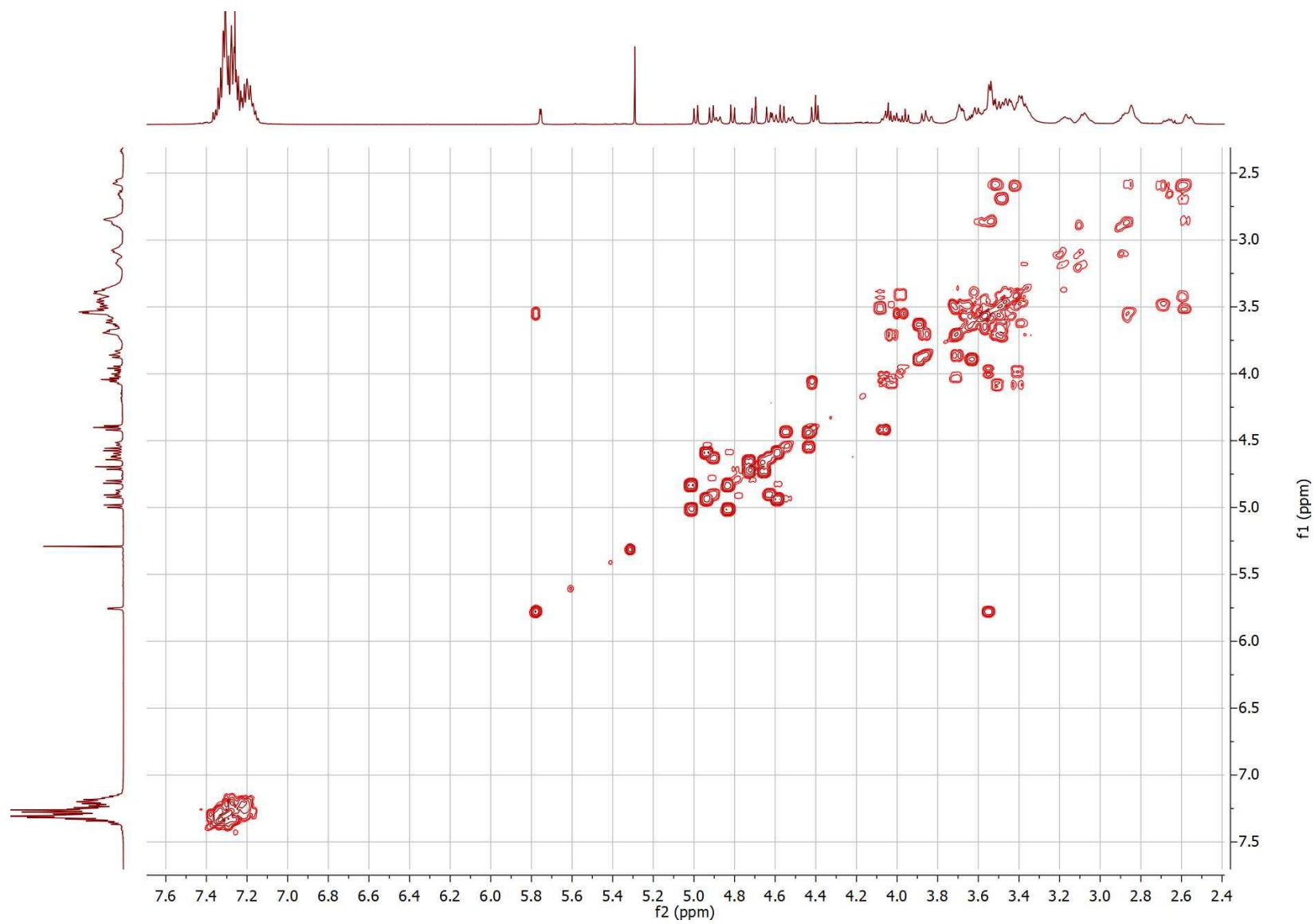


Figure S42 gCOSY spectrum of compound **23**.

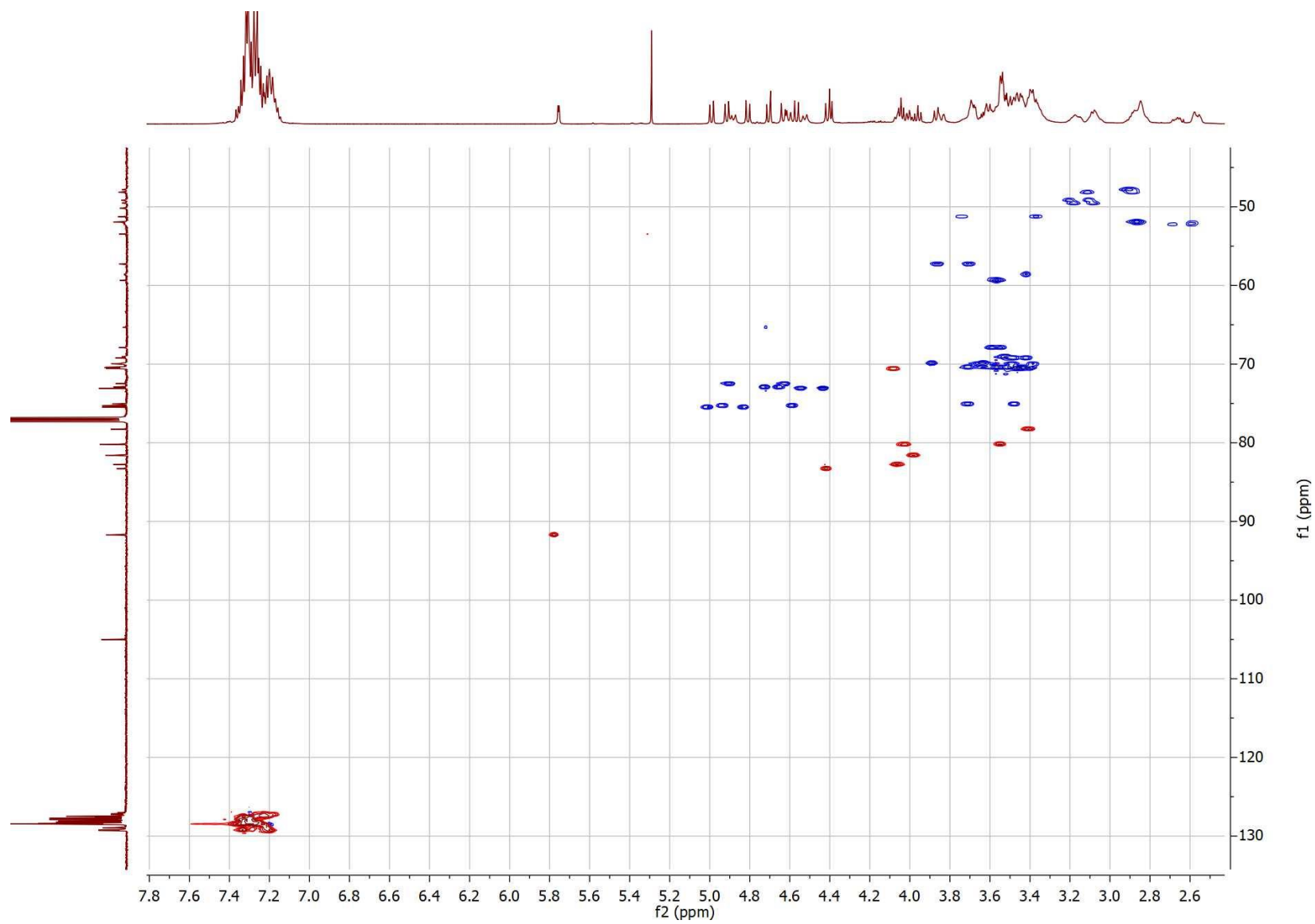


Figure S43 gHSQCAD spectrum of compound **23**.