

Supplementary Info

Syntheses, Spectral and Chiral Properties, and DNA Interactions of Multi-Heterocyclic Di- and Trinuclear Boron Complexes

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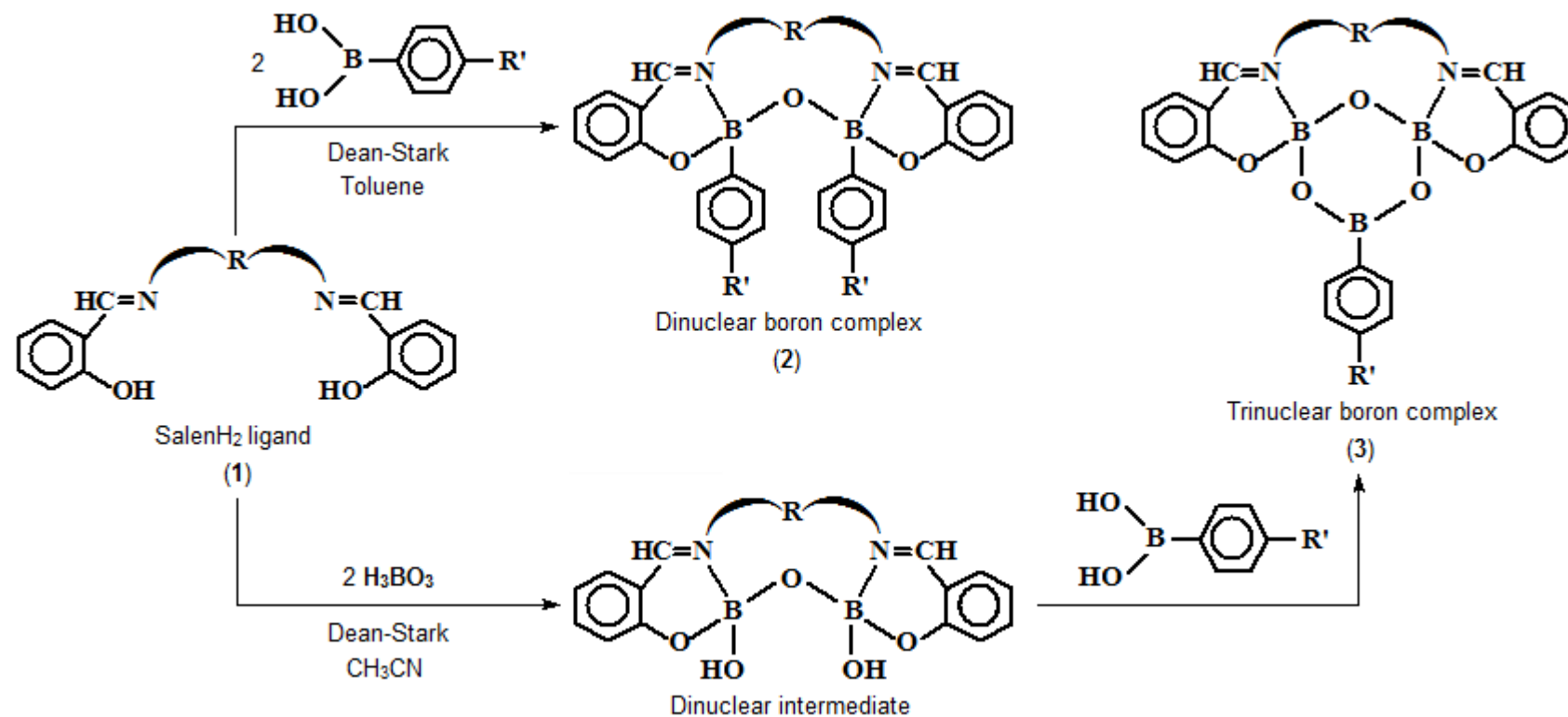


Fig. S1 Schematic presentation of the syntheses of dinuclear (2aI–2cI and 2aII–2cII) and trinuclear (3aI–3cI and 3aII–3cII) boron complexes.

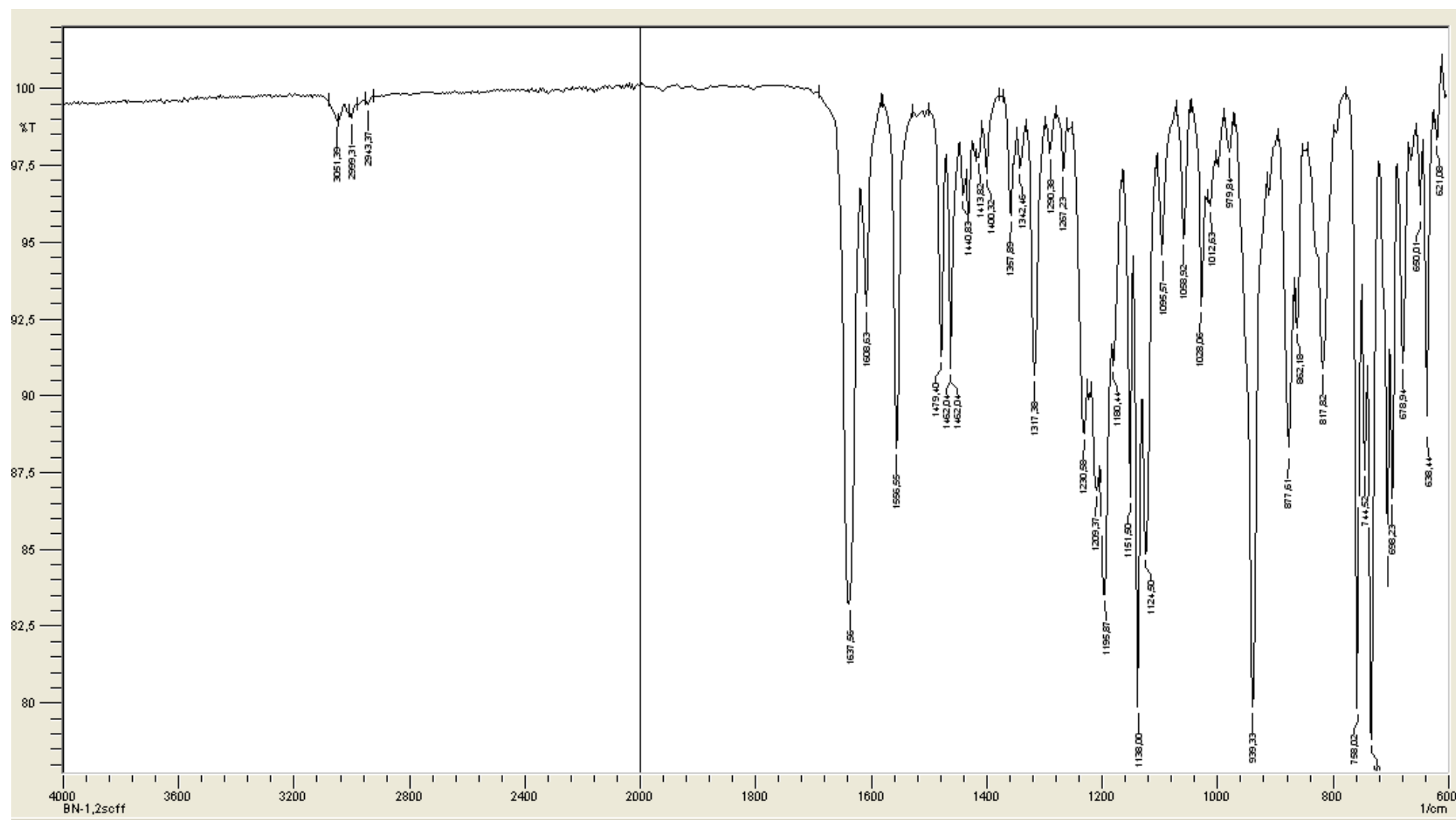


Fig. S2 IR spectrum of 2al.

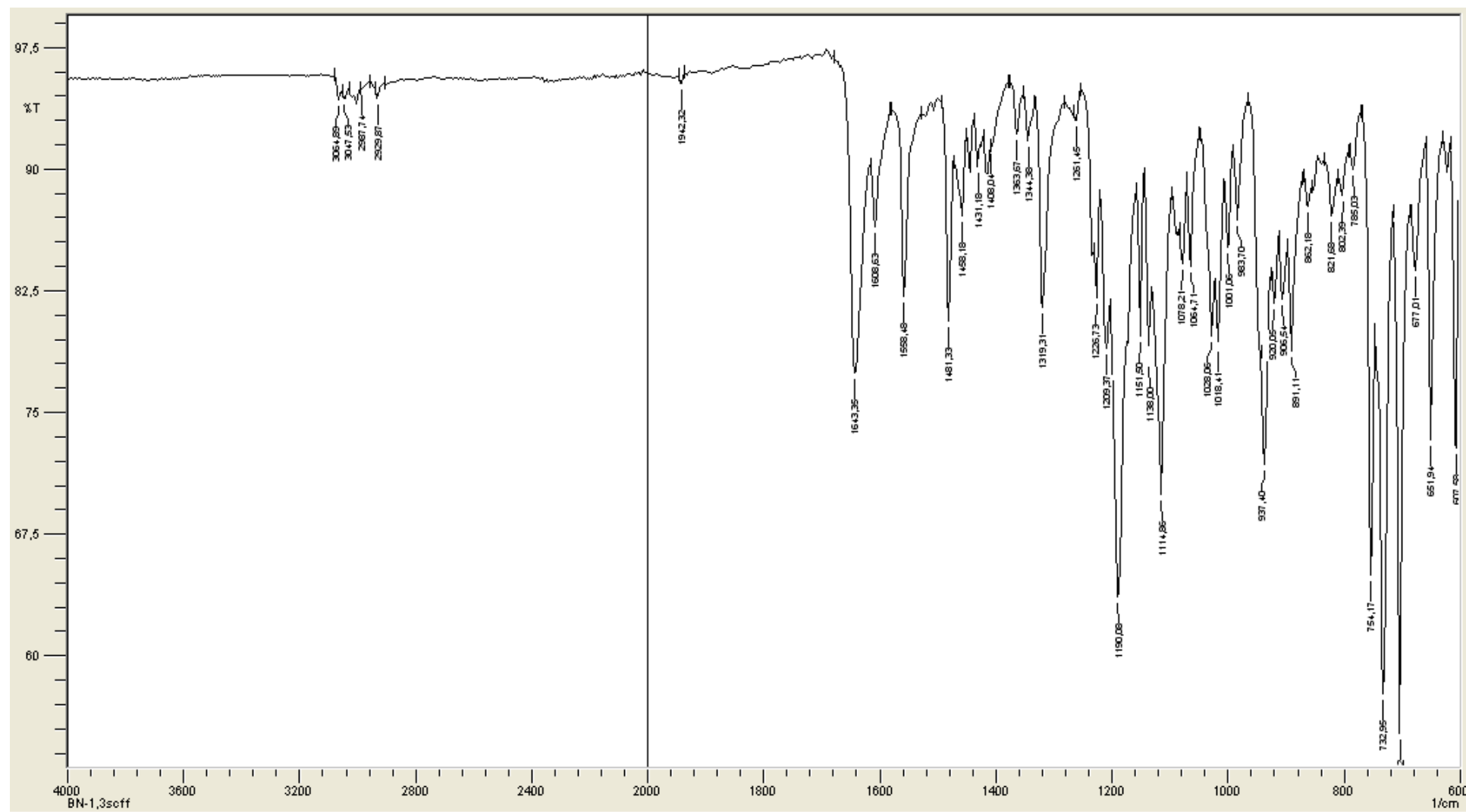


Fig. S3 IR spectrum of **2bl**.

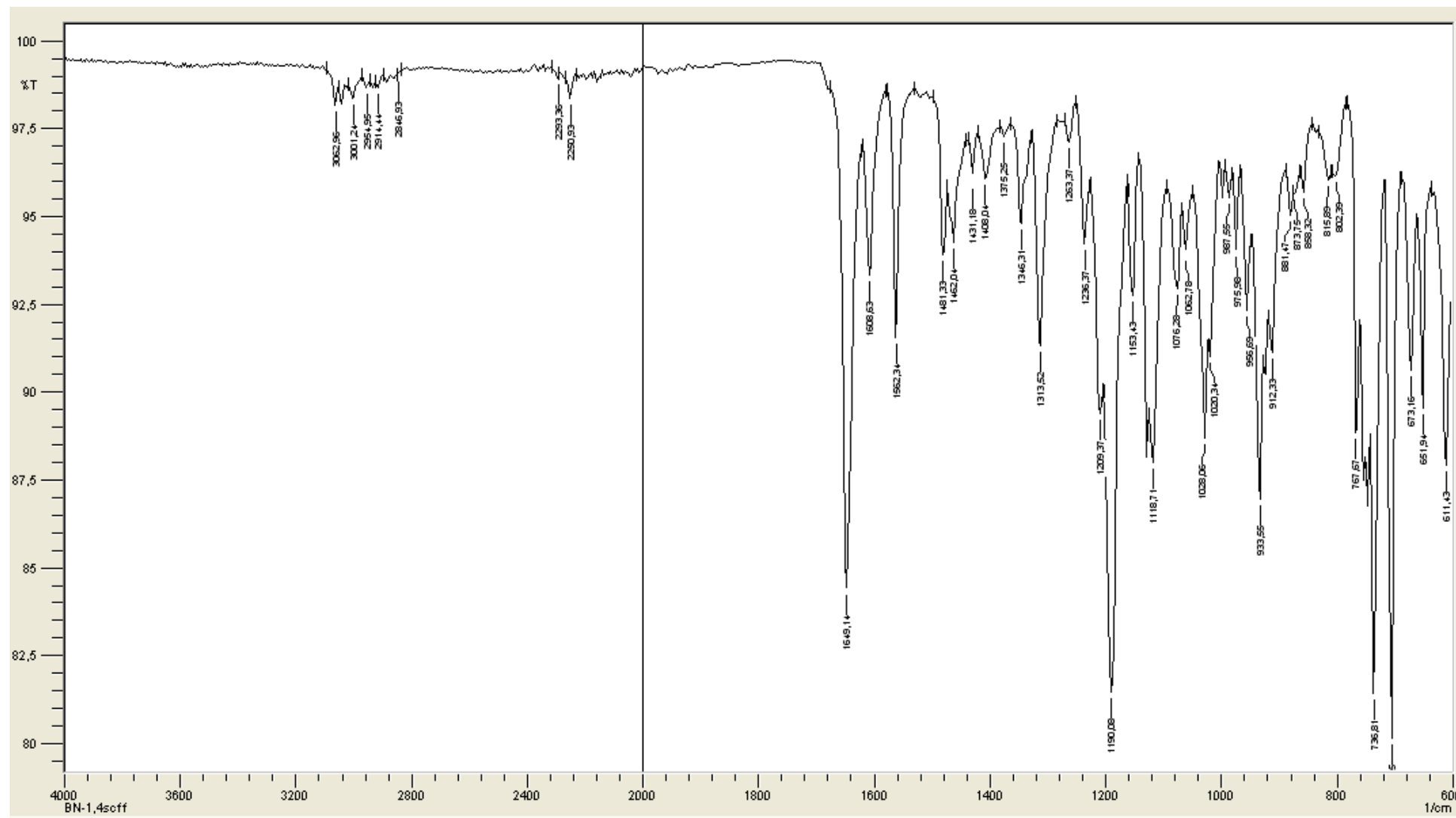


Fig. S4 IR spectrum of 2cl.

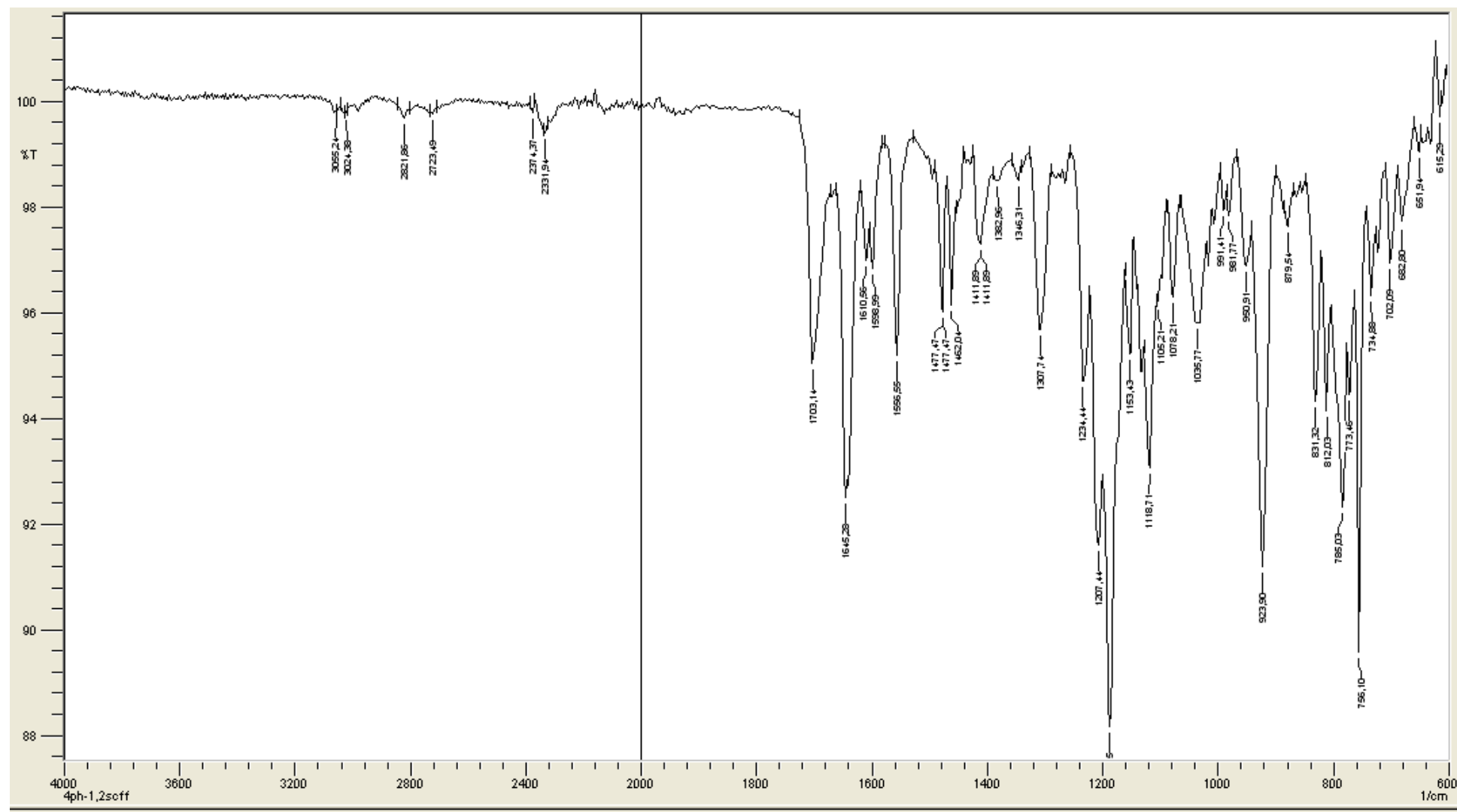


Fig. S5 IR spectrum of **2all**.

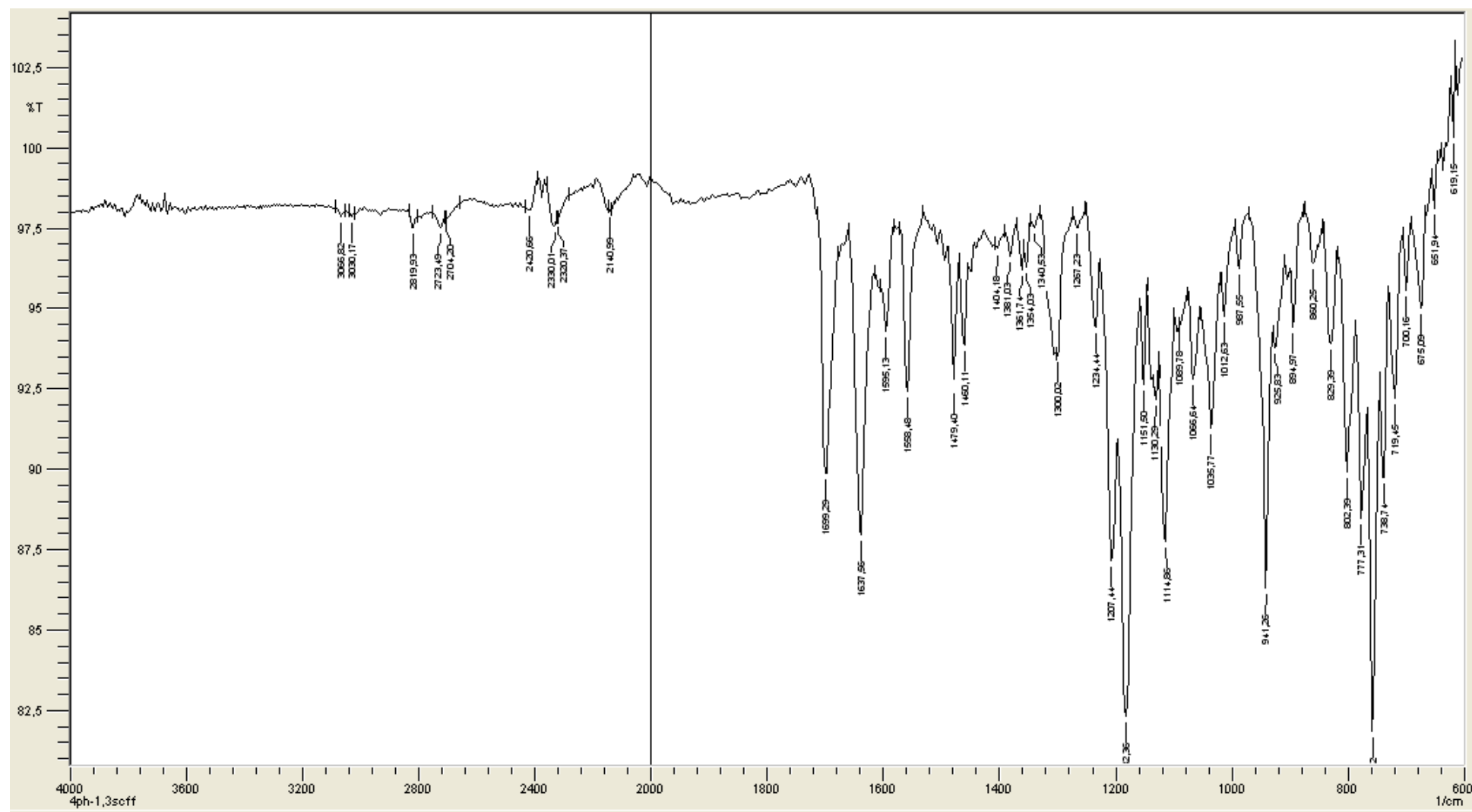


Fig. S6 IR spectrum of 2bII.

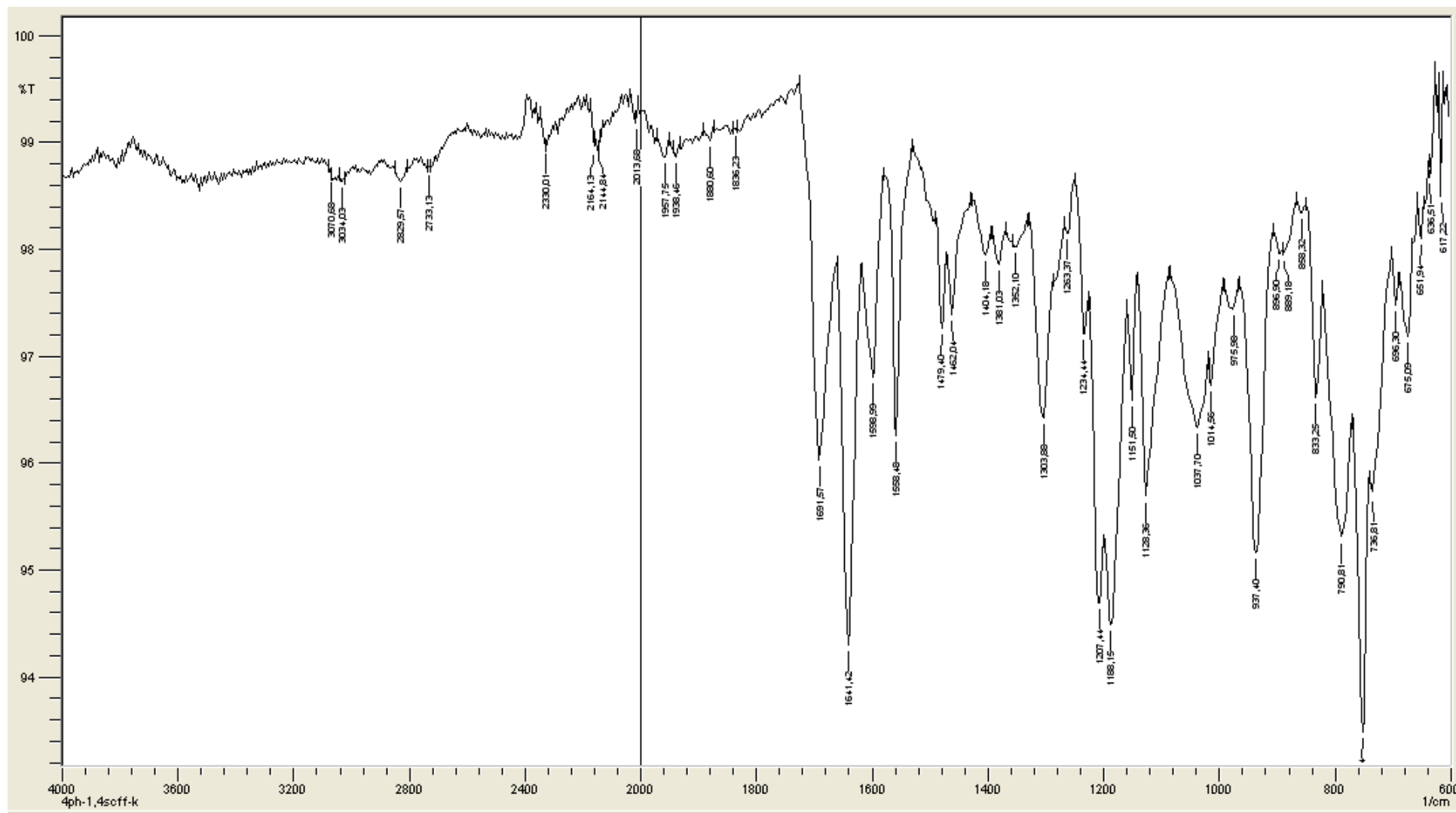


Fig. S7 IR spectrum of 2cII.

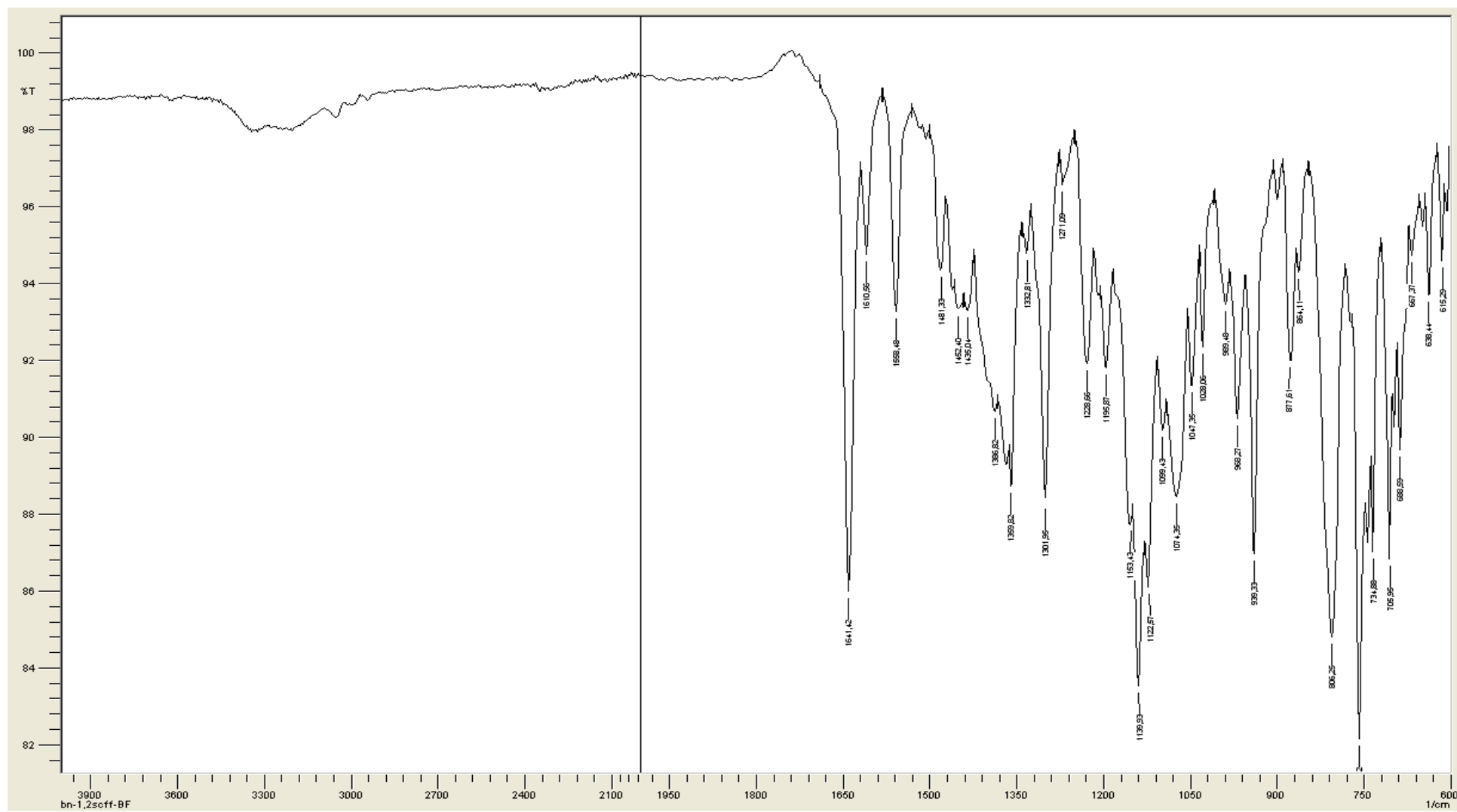


Fig. S8 IR spectrum of **3al**.

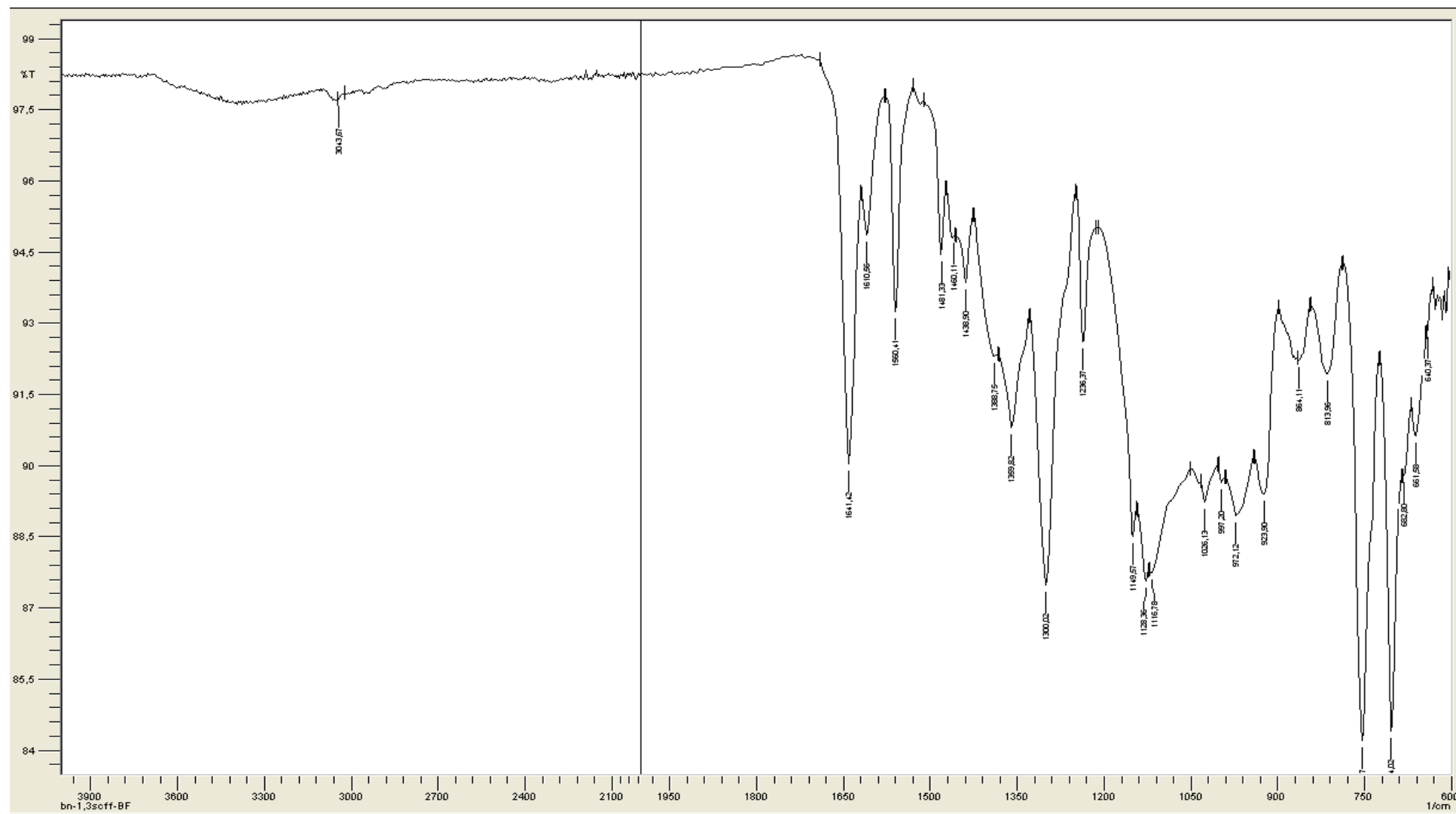


Fig. S9 IR spectrum of 3bl.

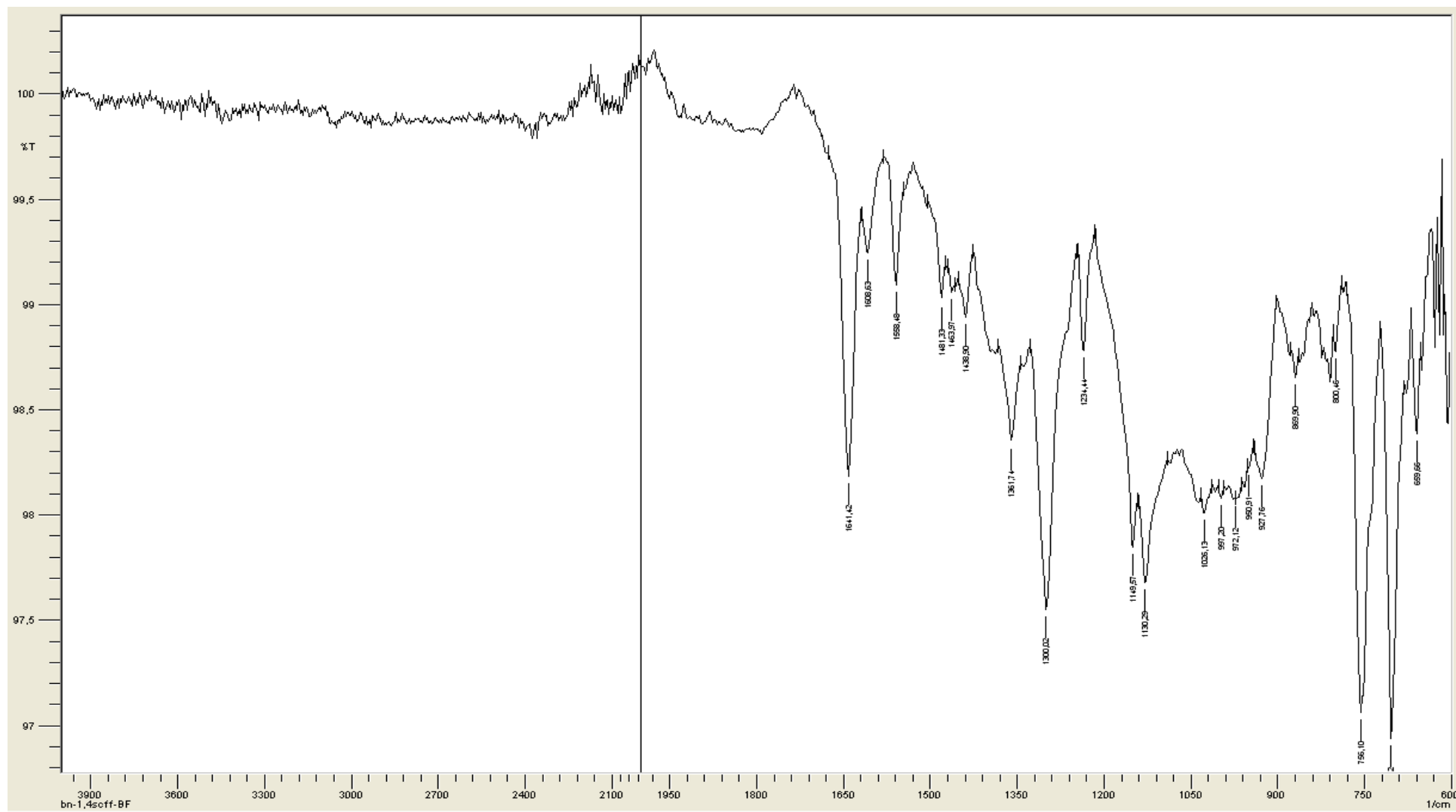


Fig. S10 IR spectrum of **3cl**.

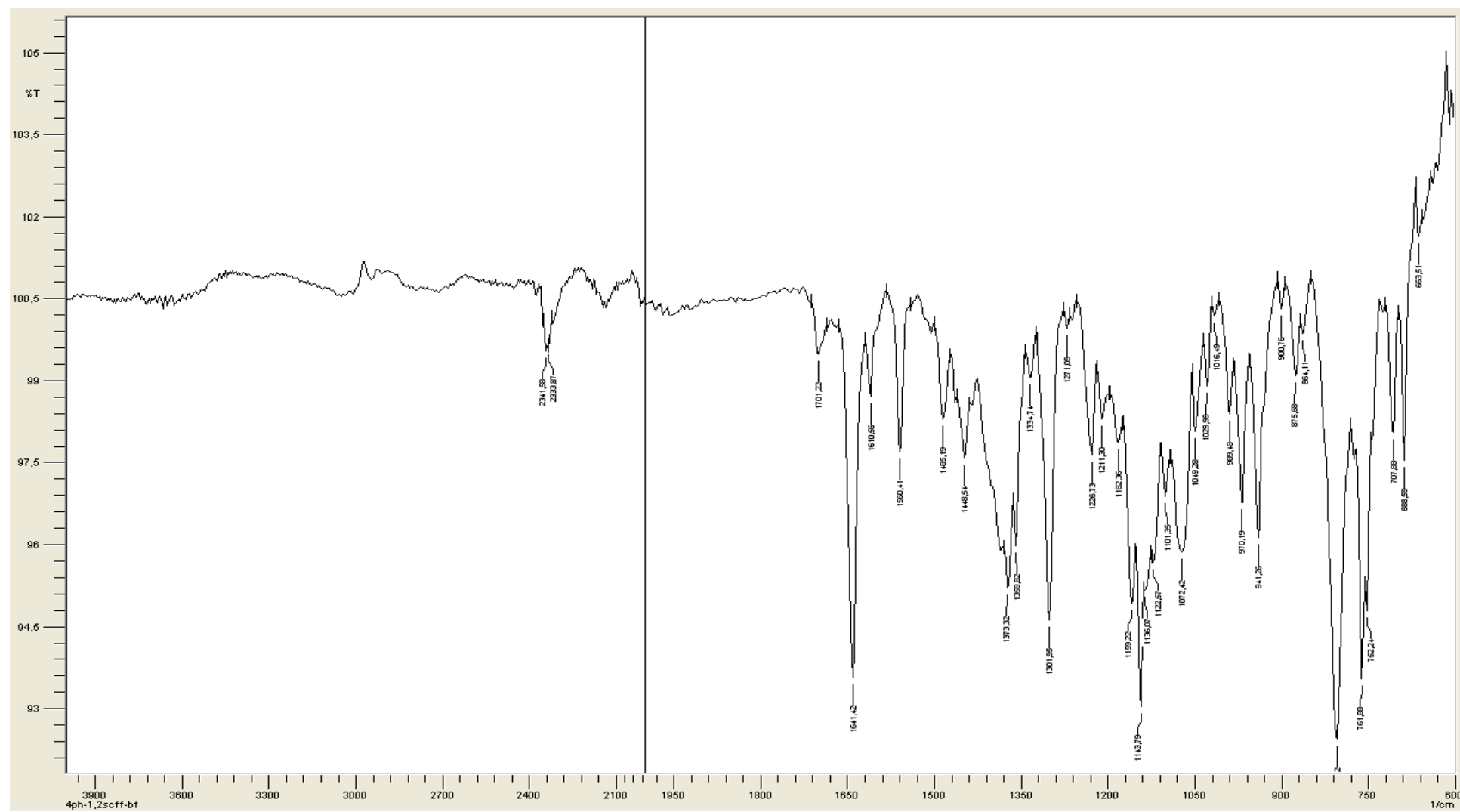


Fig. S11 IR spectrum of **3all**.

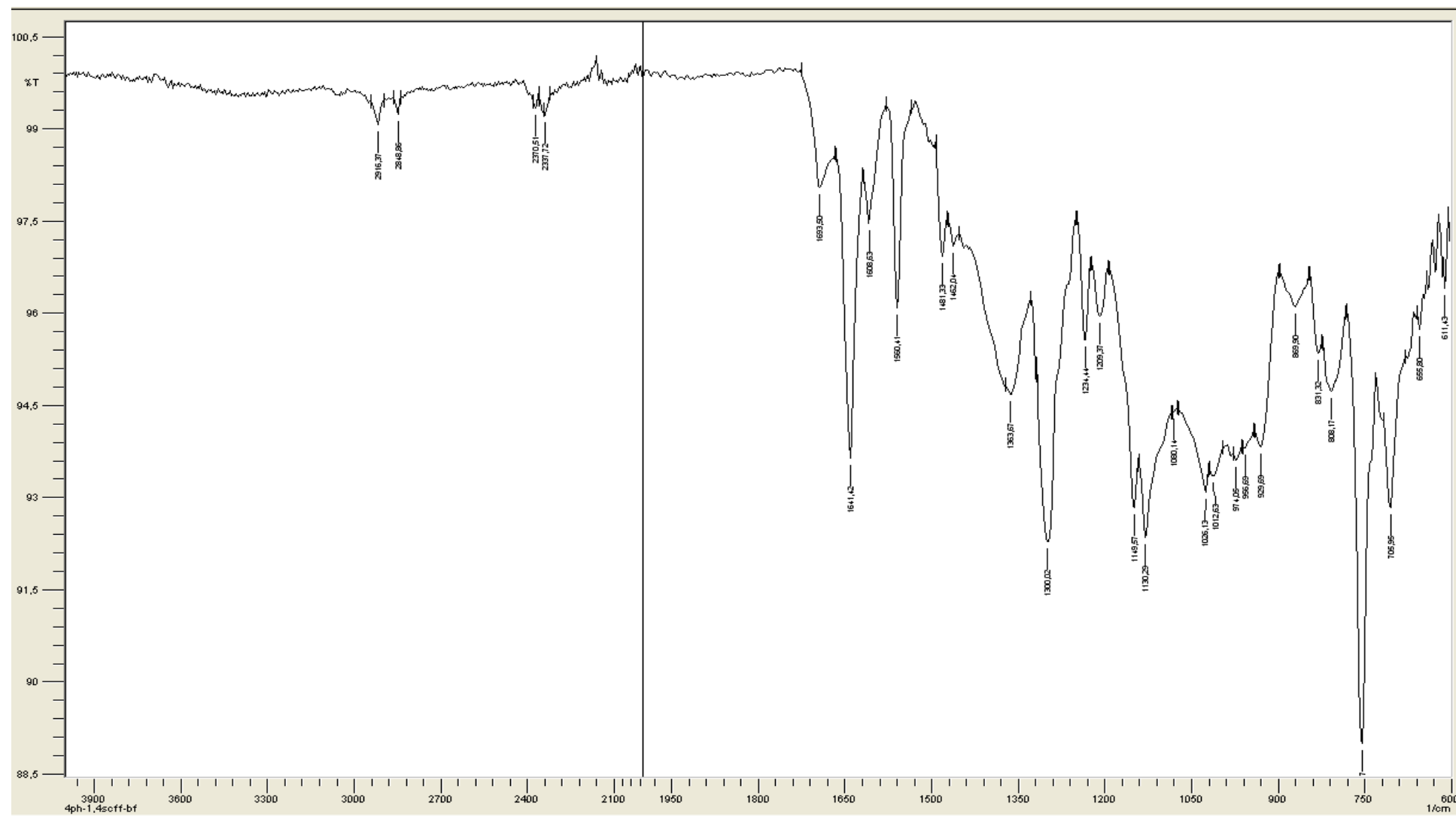


Fig. S12 IR spectrum of 3bII.

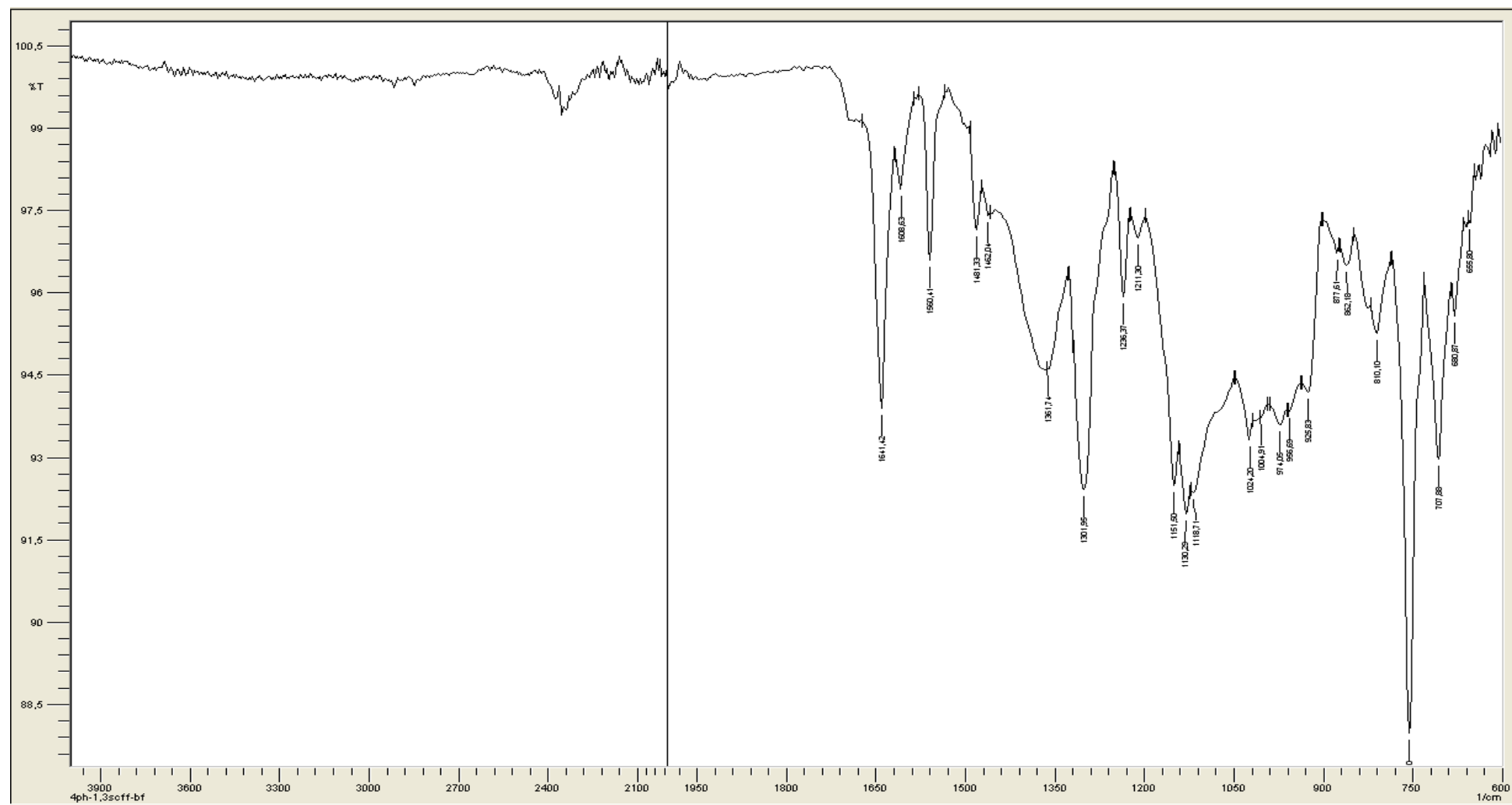


Fig. S13 IR spectrum of 3cII.

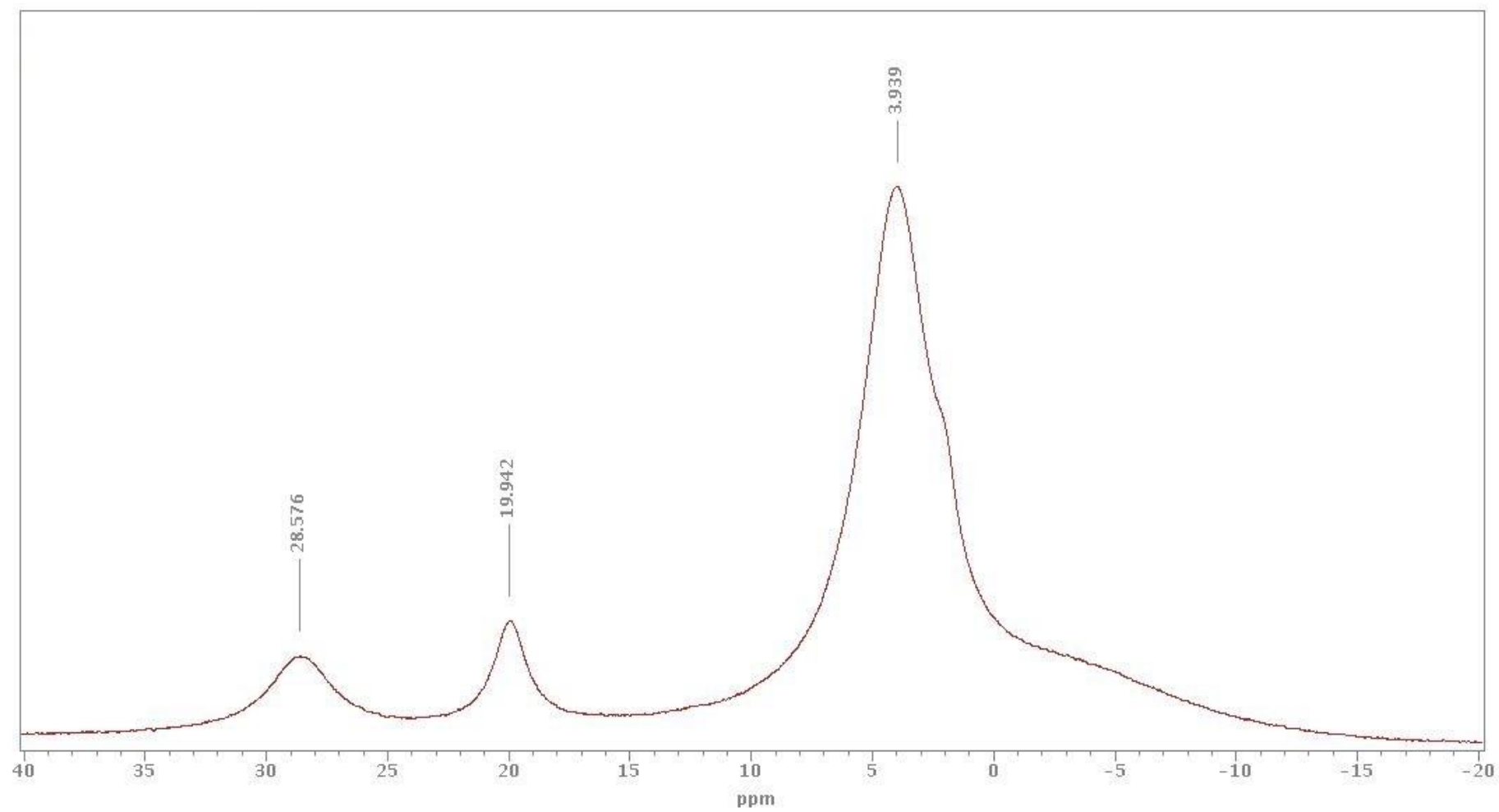


Fig. S14 ^{11}B NMR spectrum of **2al**.

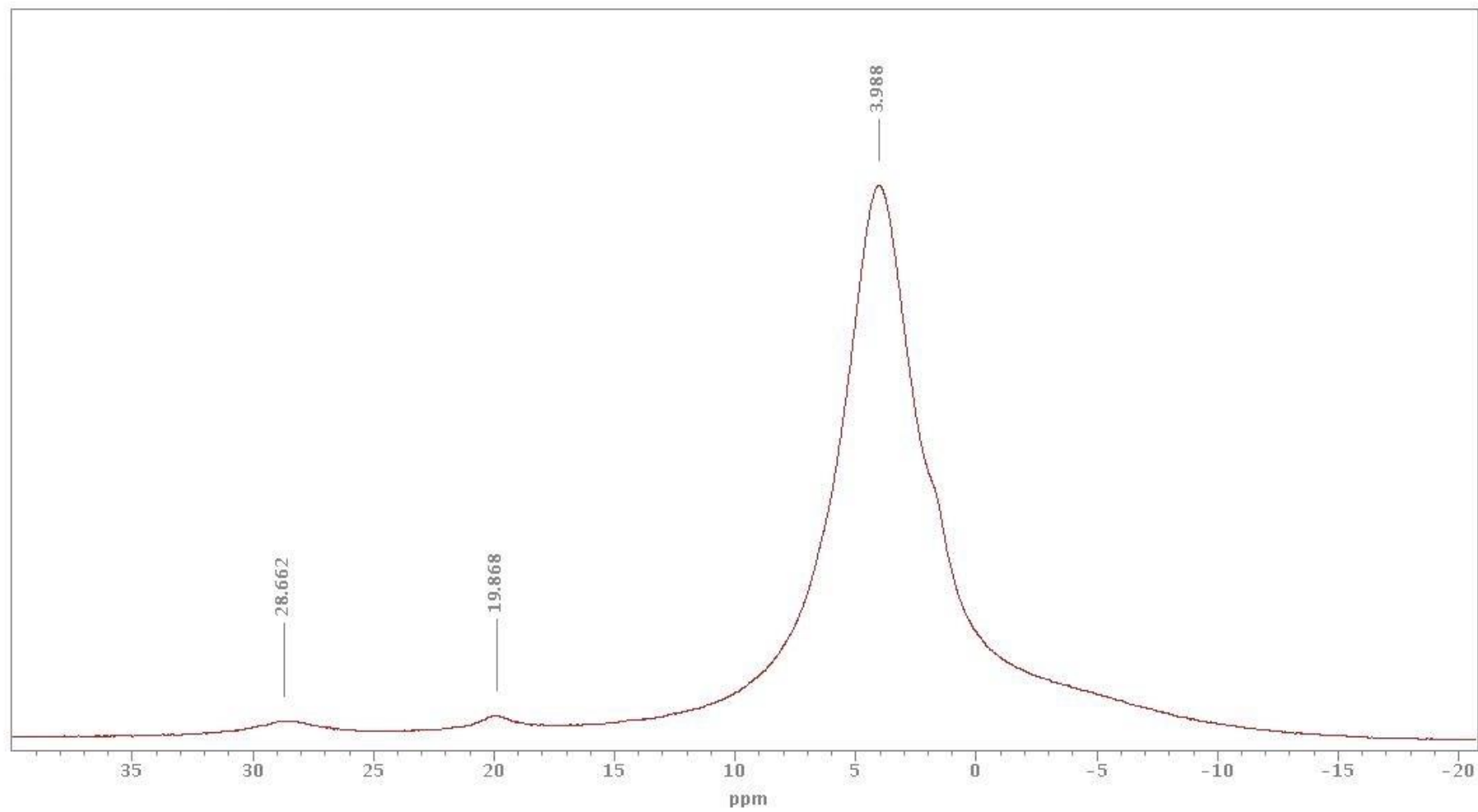


Fig. S15 ^{11}B NMR spectrum of **2bl**.

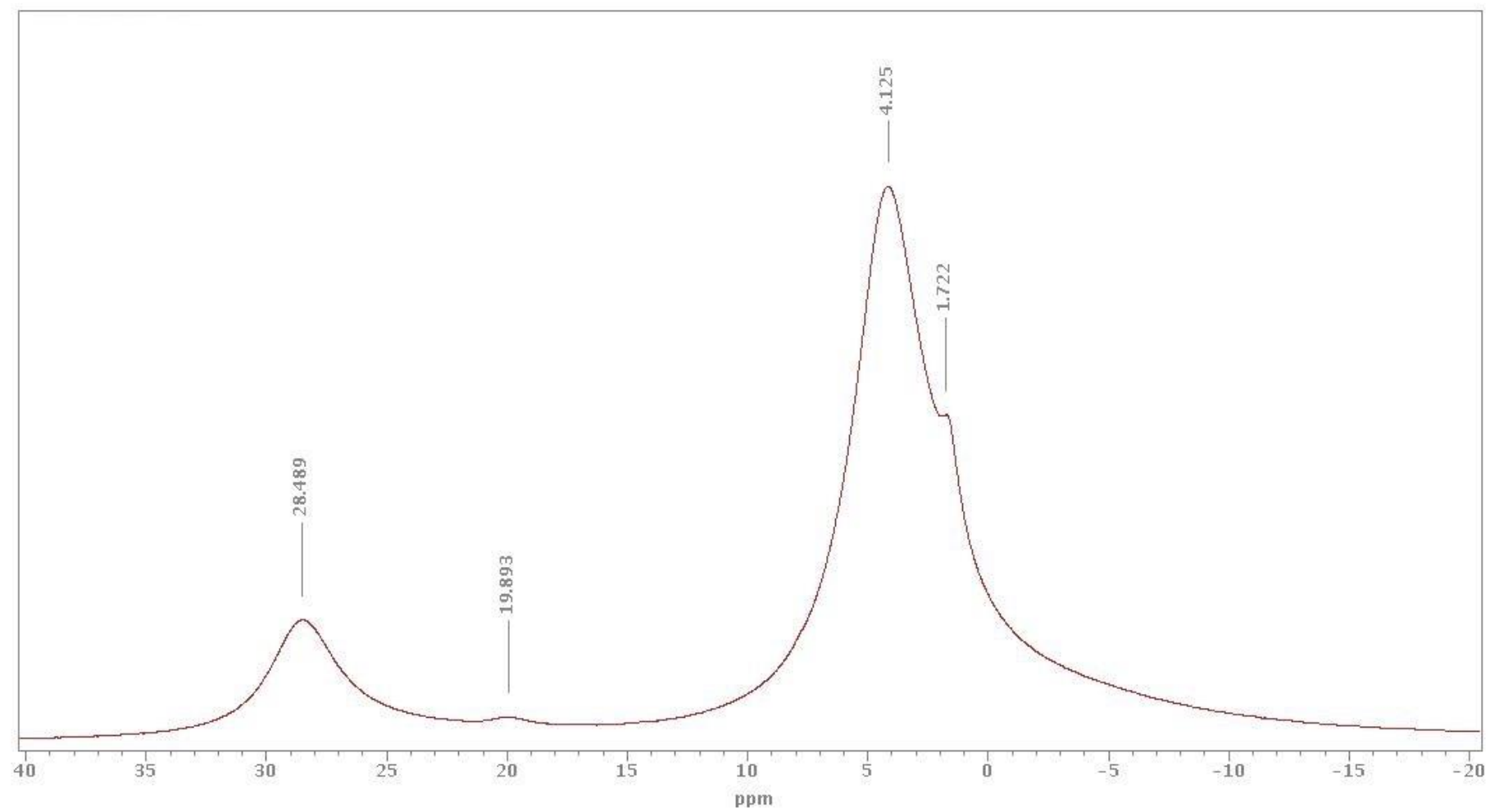


Fig. S16 ^{11}B NMR spectrum of **2cl**.

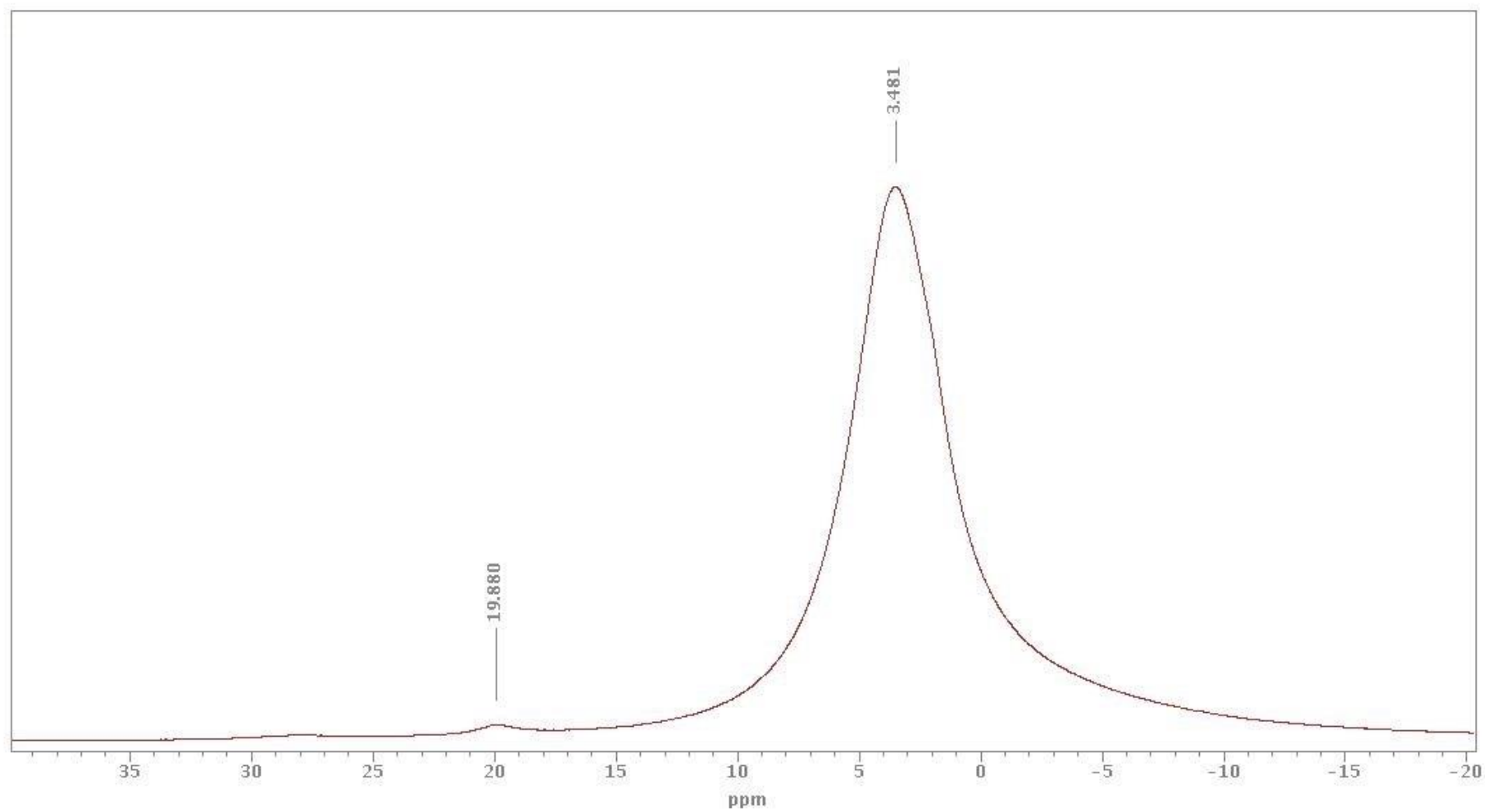


Fig. S17 ^{11}B NMR spectrum of **2all**.

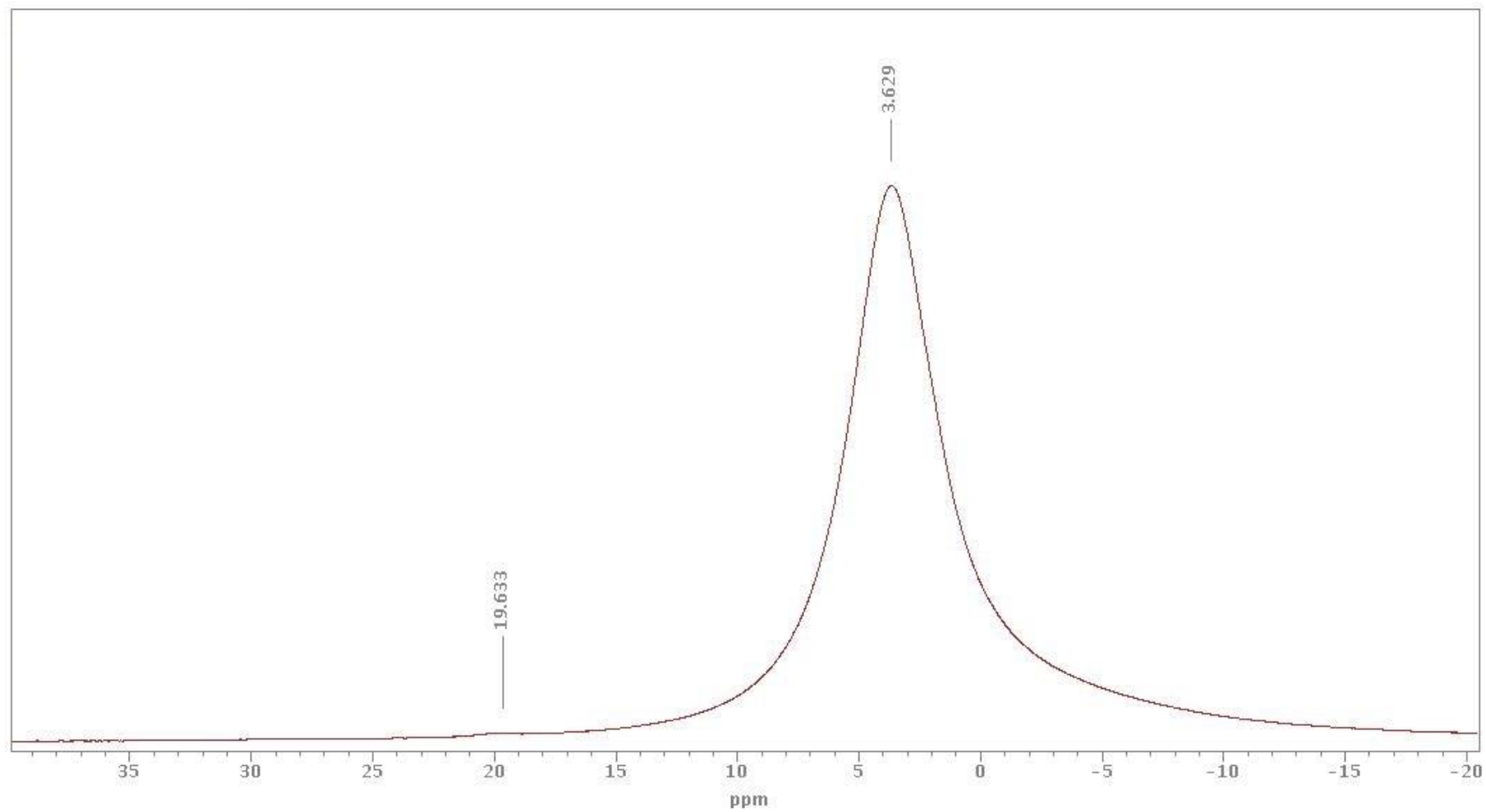


Fig. S18 ^{11}B NMR spectrum of **2bII**.

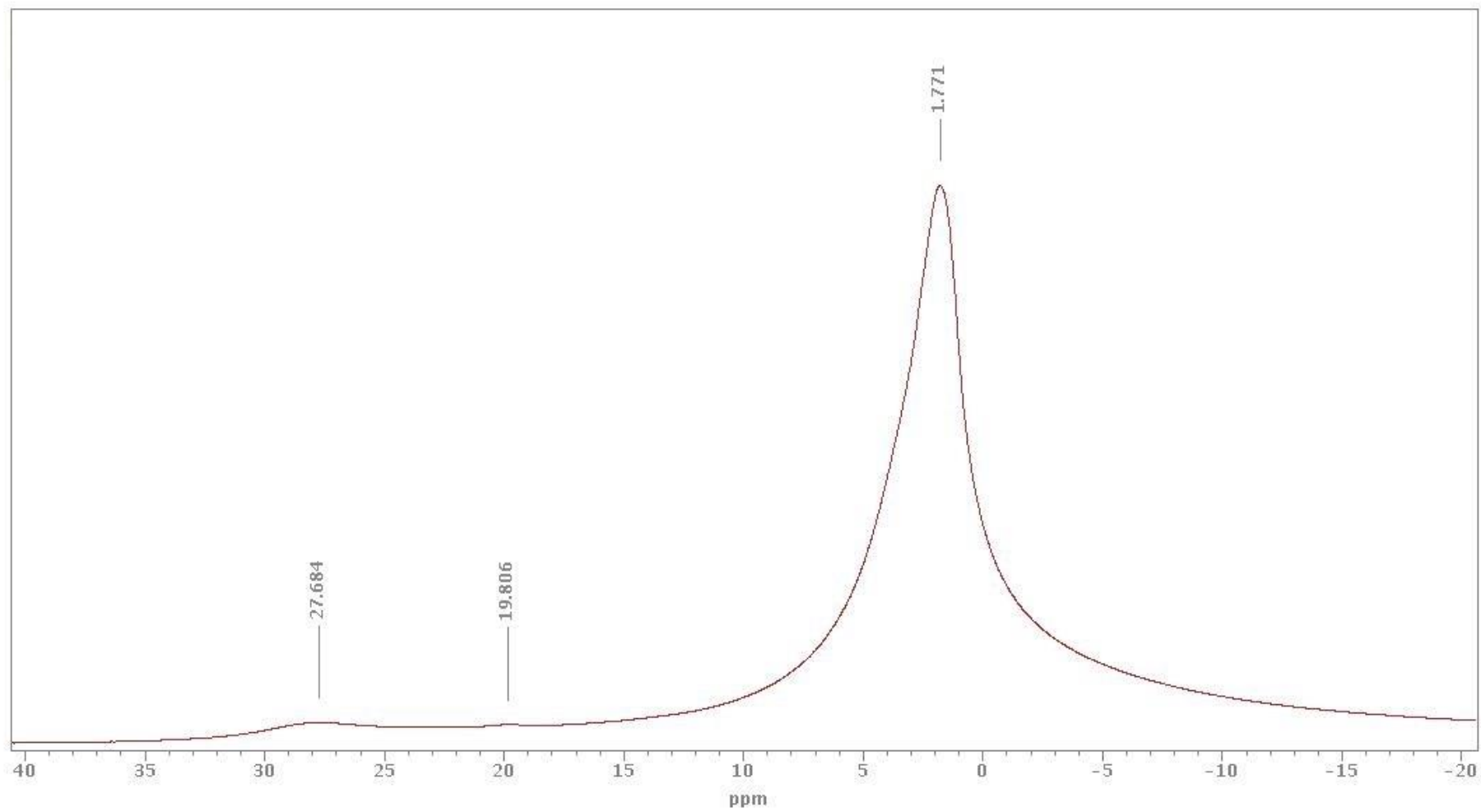


Fig. S19 ^{11}B NMR spectrum of **2cII**.

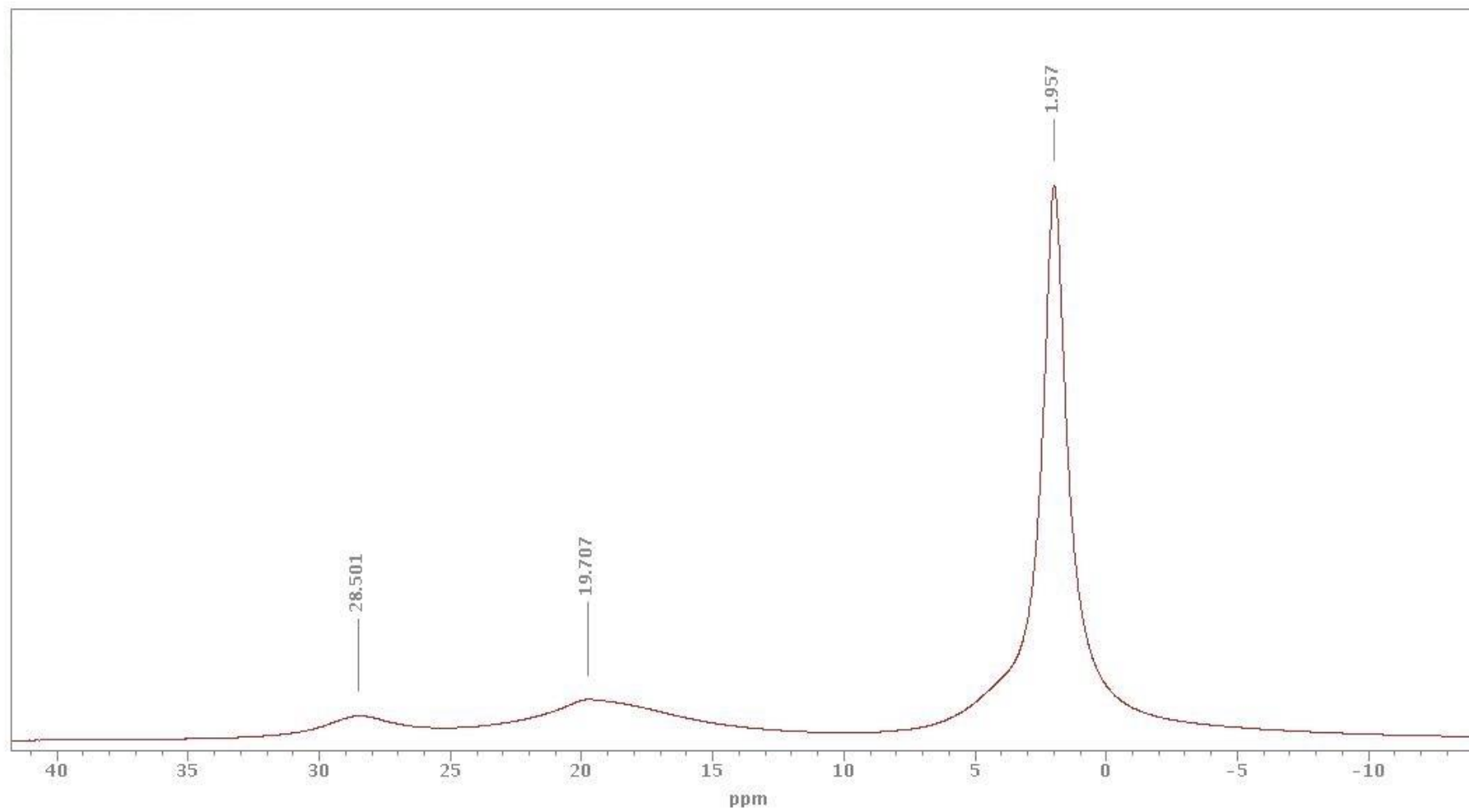


Fig. S20 ^{11}B NMR spectrum of **3al**.

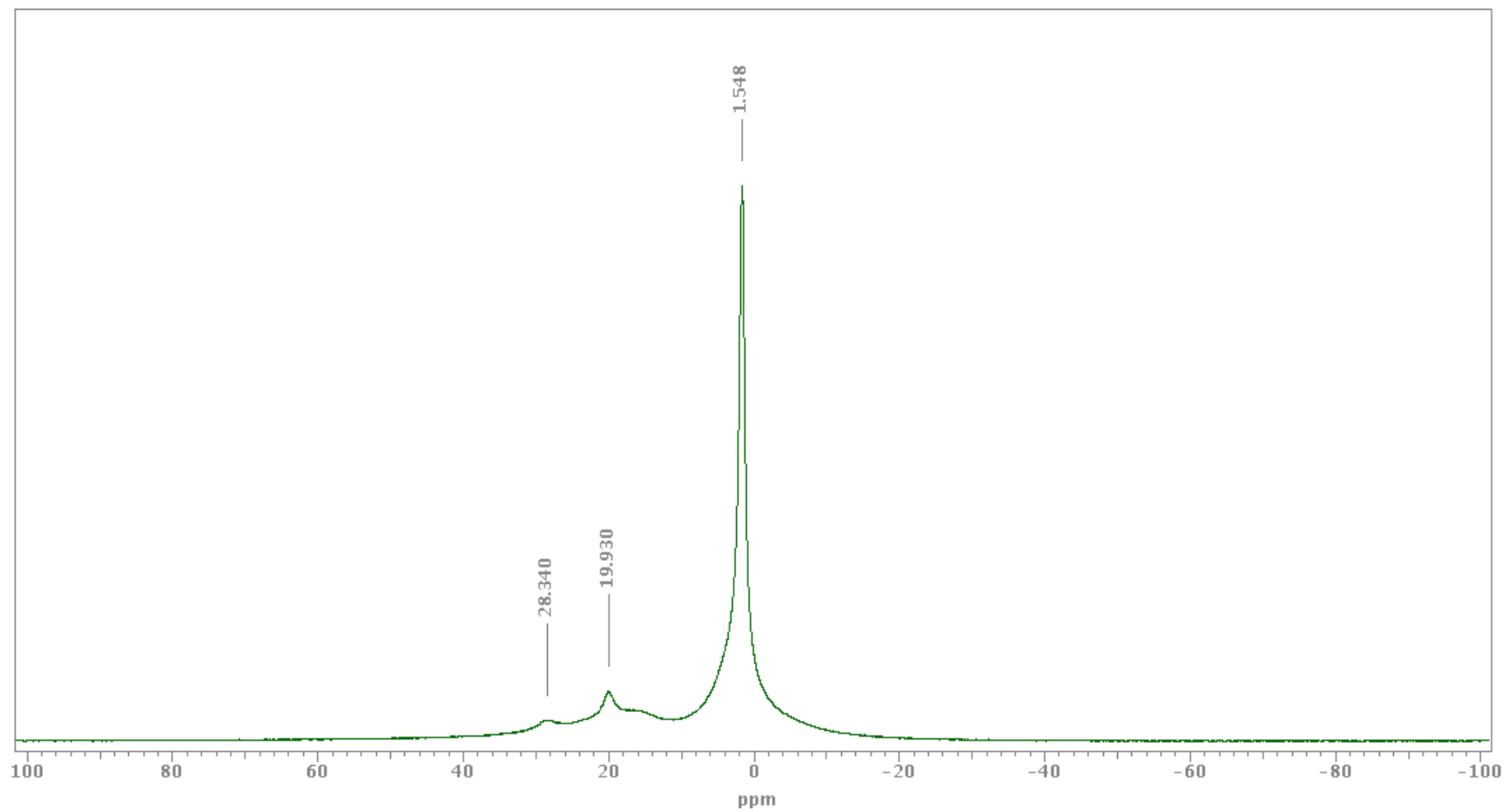


Fig. S21 ^{11}B NMR spectrum of **3bl**.

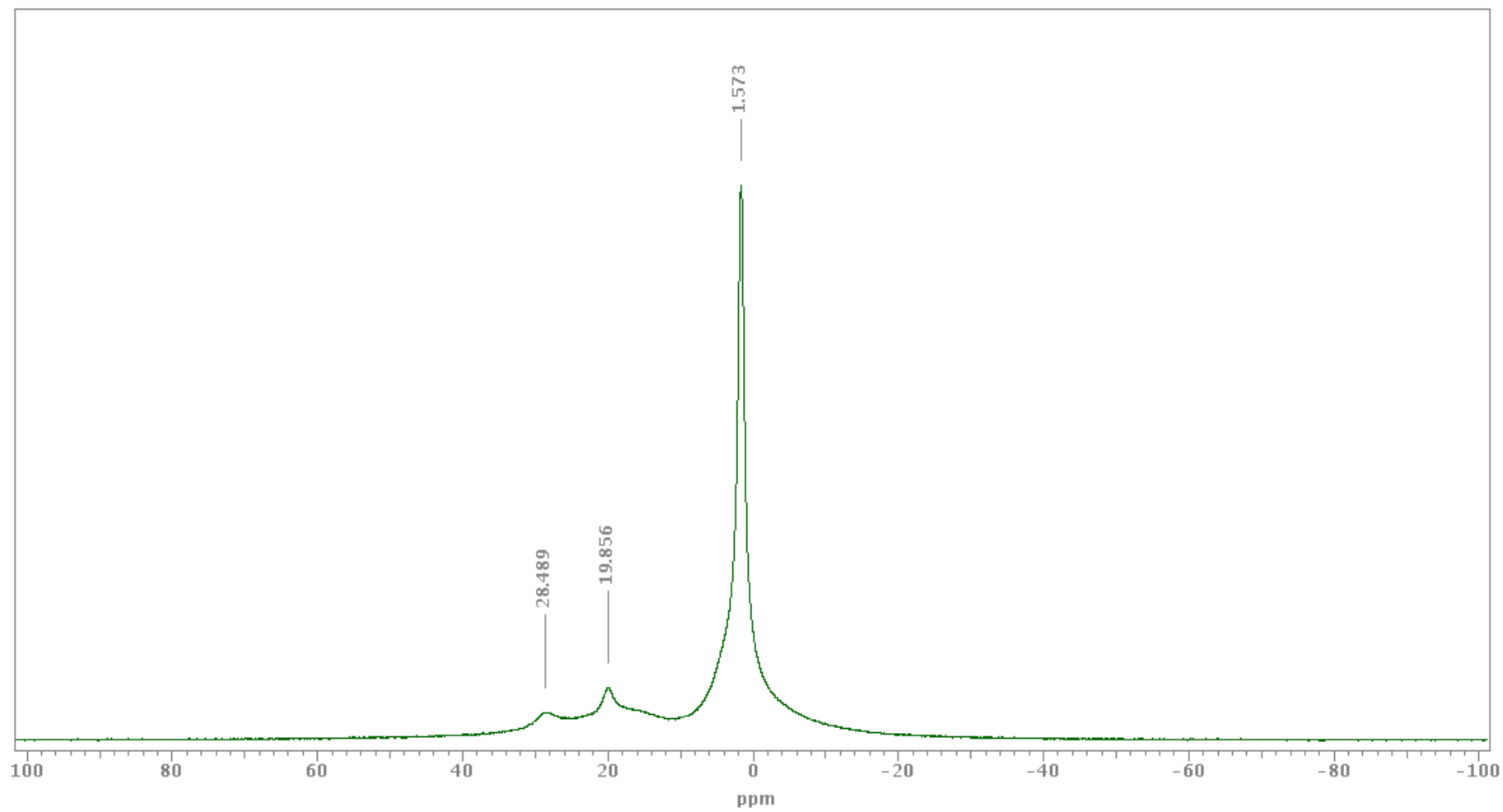


Fig. S22 ^{11}B NMR spectrum of **3cl**.

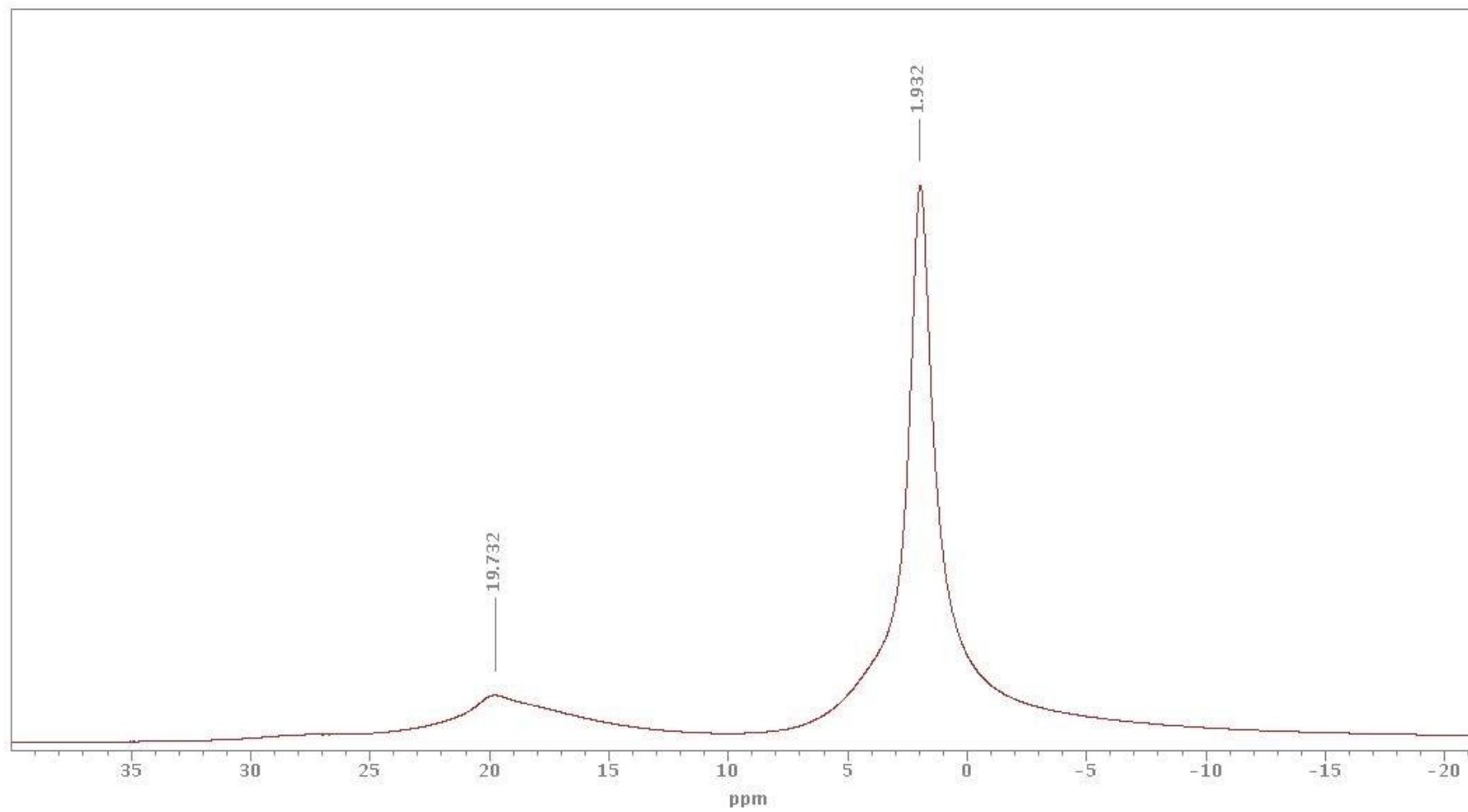


Fig. S23 ^{11}B NMR spectrum of **3all**.

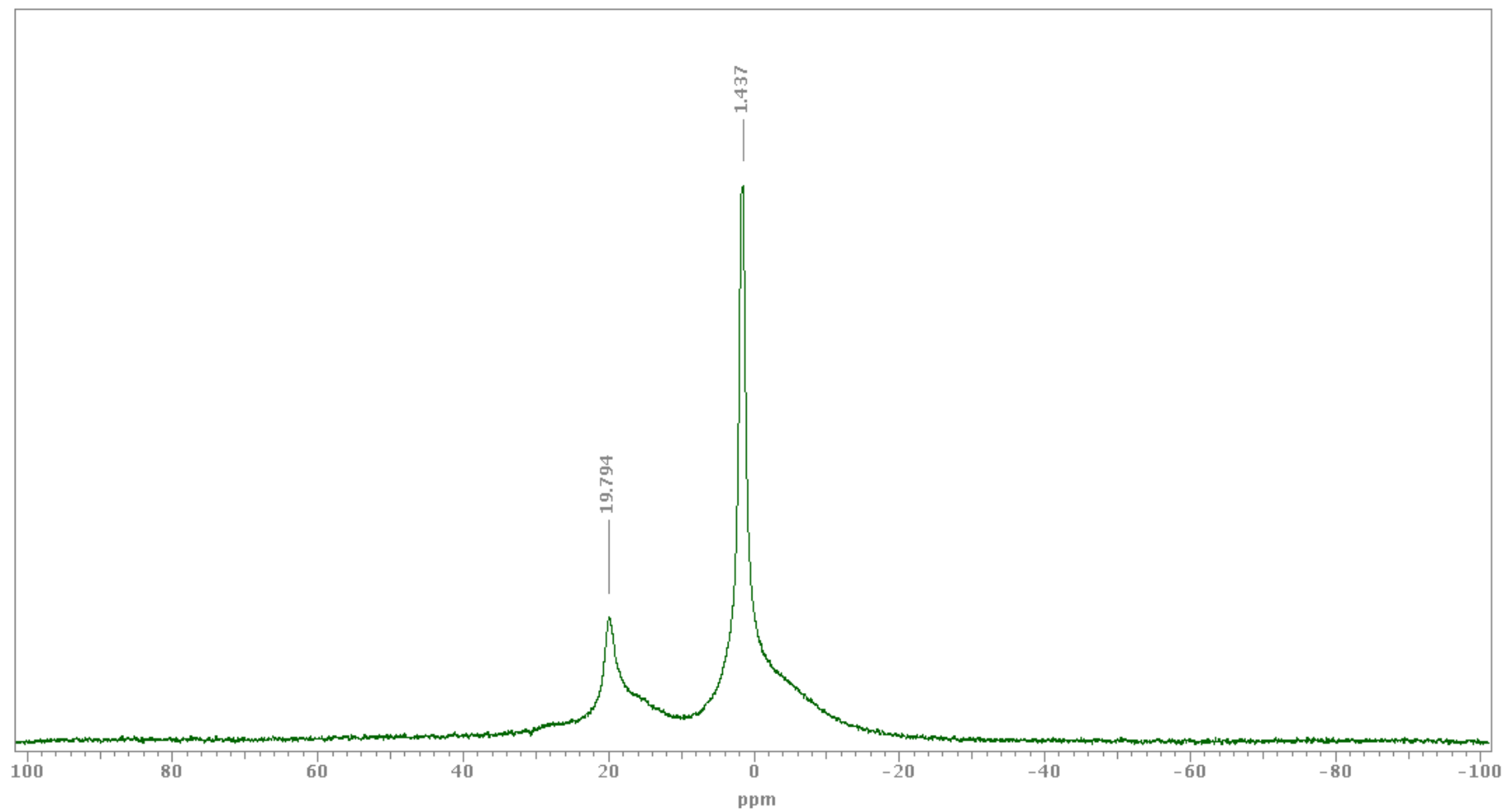


Fig. S24 ^{11}B NMR spectrum of **3bII**.

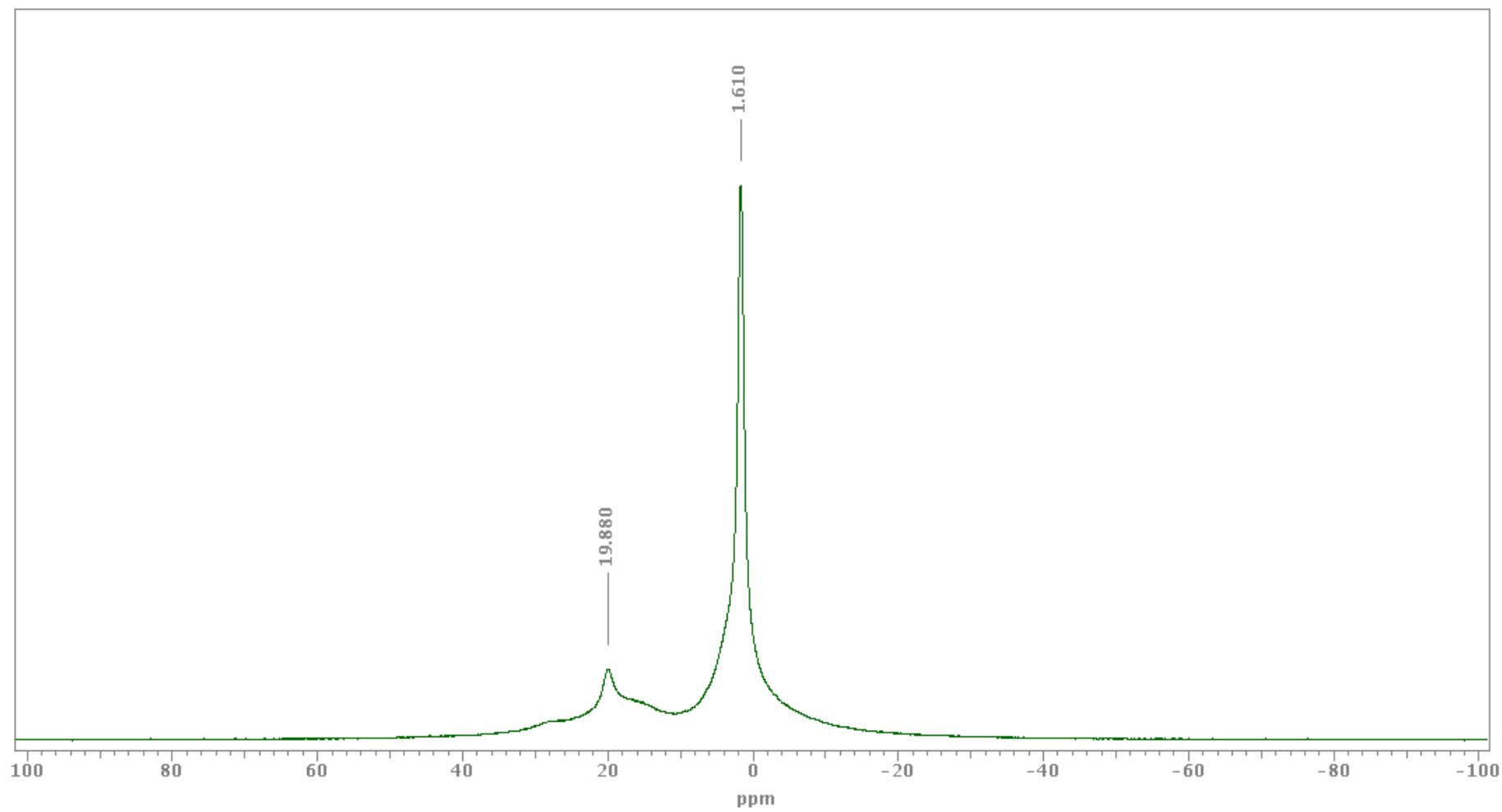


Fig. S25 ^{11}B NMR spectrum of **3cII**.

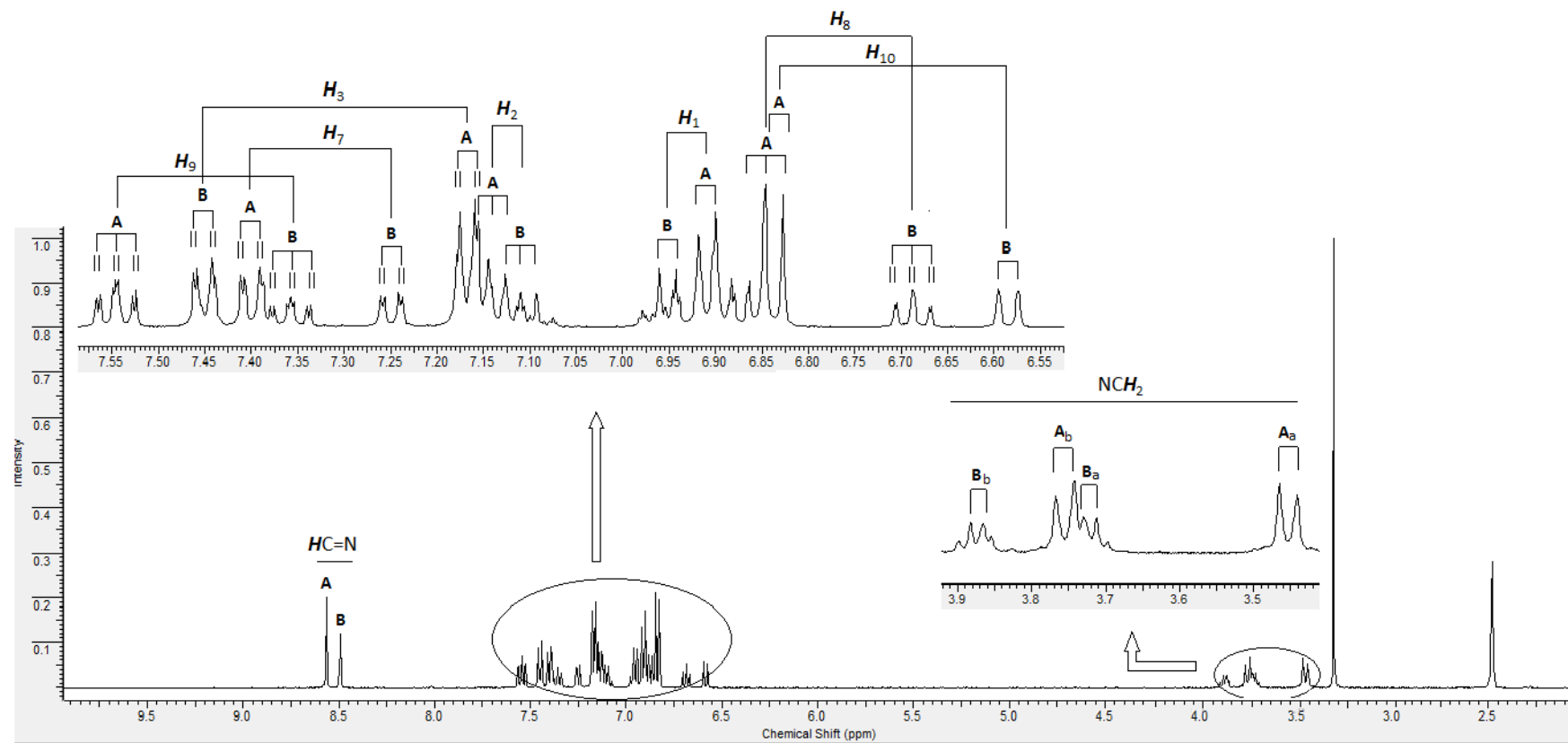


Fig. S26 ^1H NMR spectrum of **2al**.

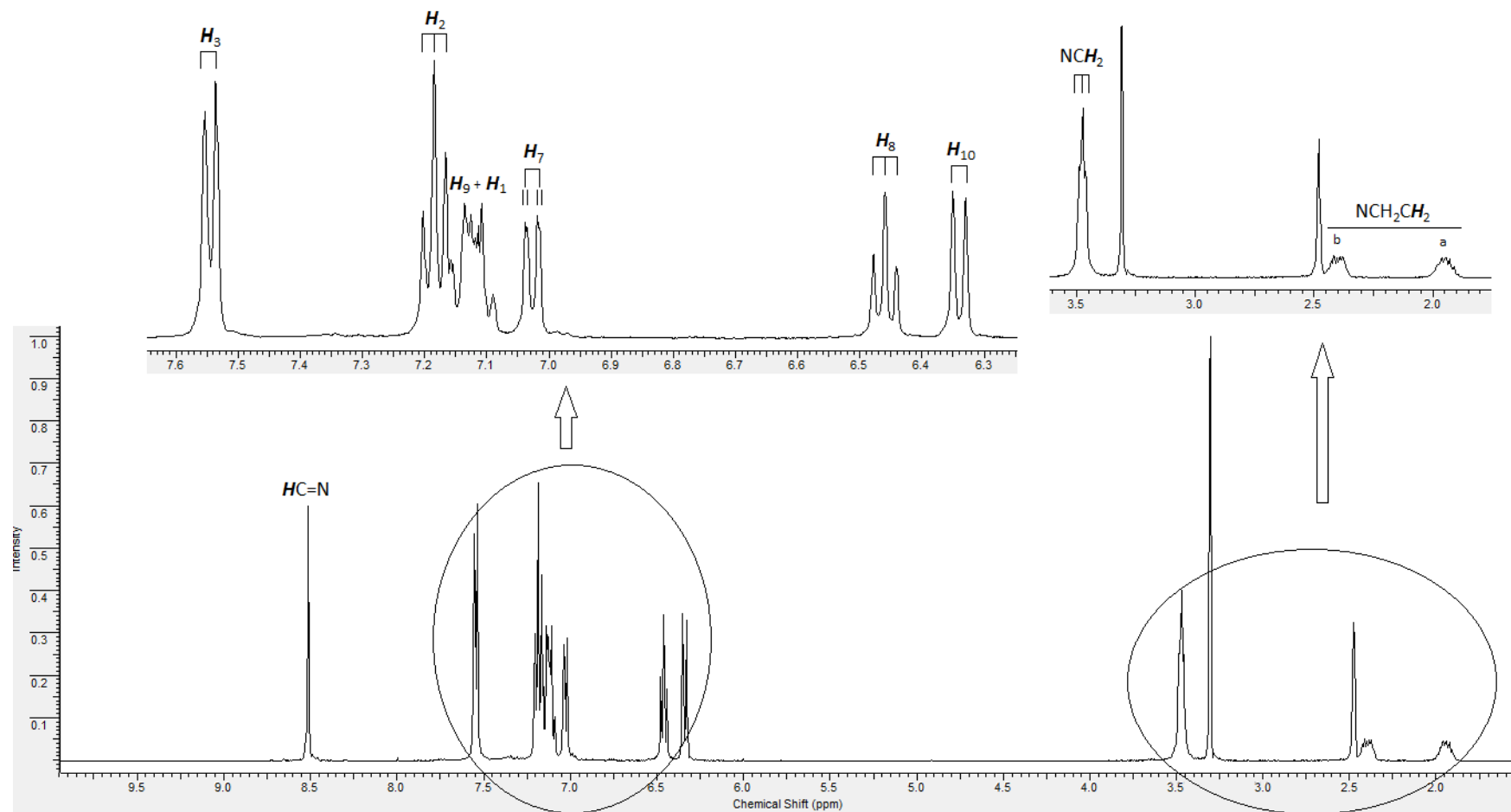


Fig. S27 ^1H NMR spectrum of **2bl**.

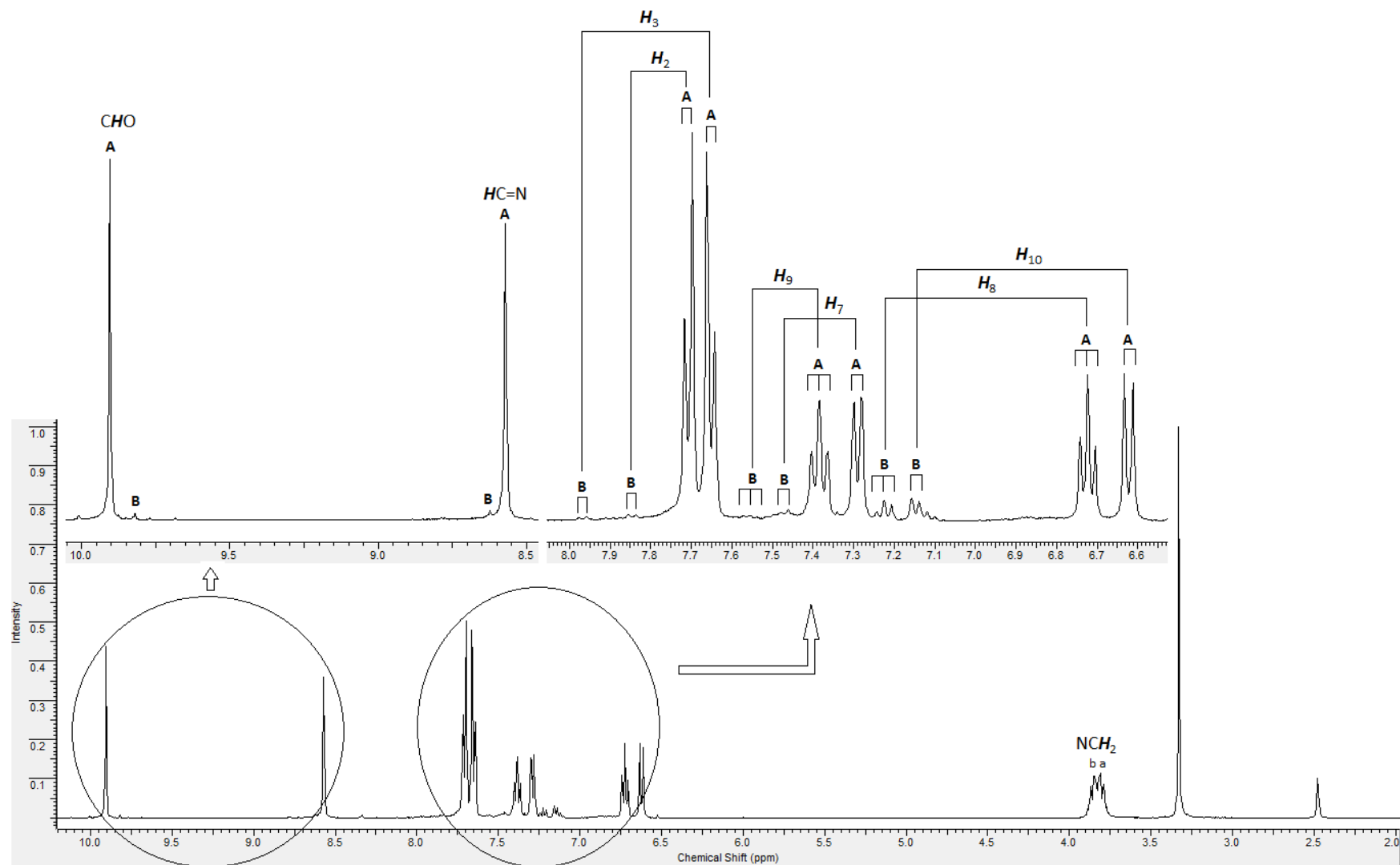


Fig. S28 ^1H NMR spectrum of **2all**.

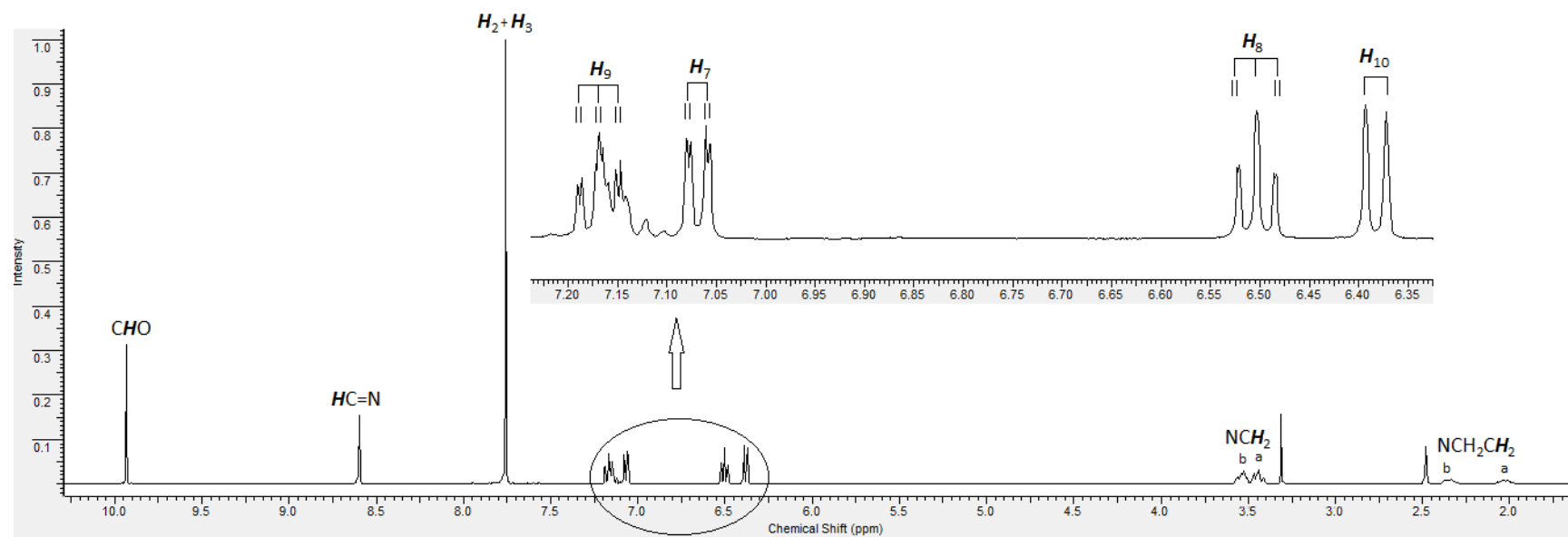


Fig. S29 ^1H NMR spectrum of **2bII**.

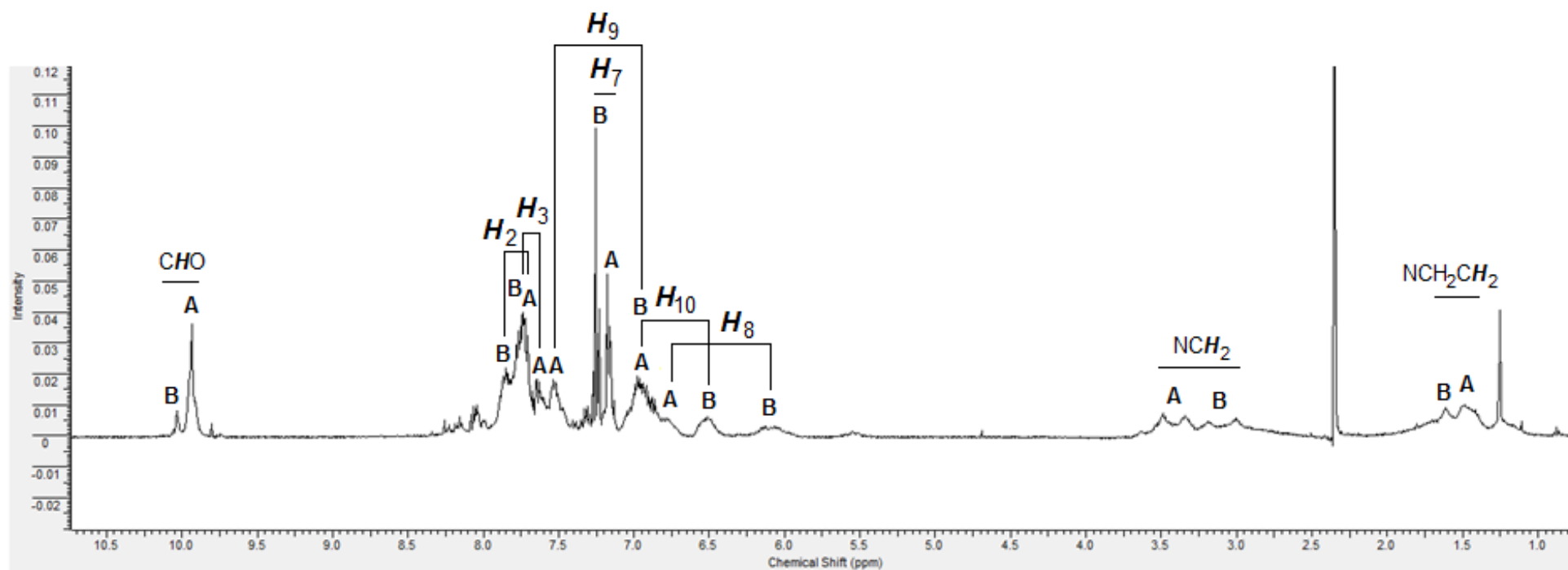


Fig. S30 ^1H NMR spectrum of 2cII.

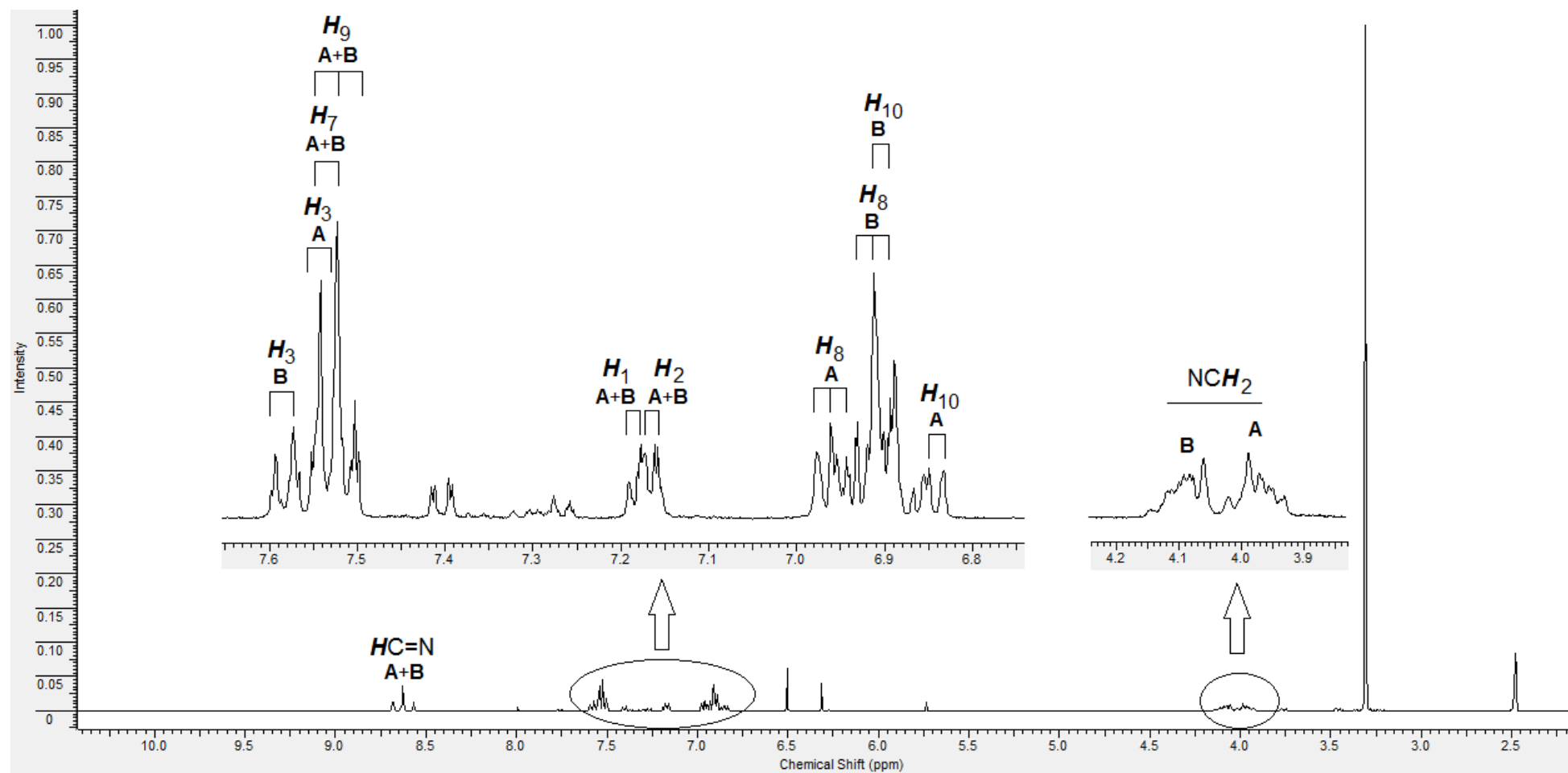


Fig. S31 ^1H NMR spectrum of **3al**.

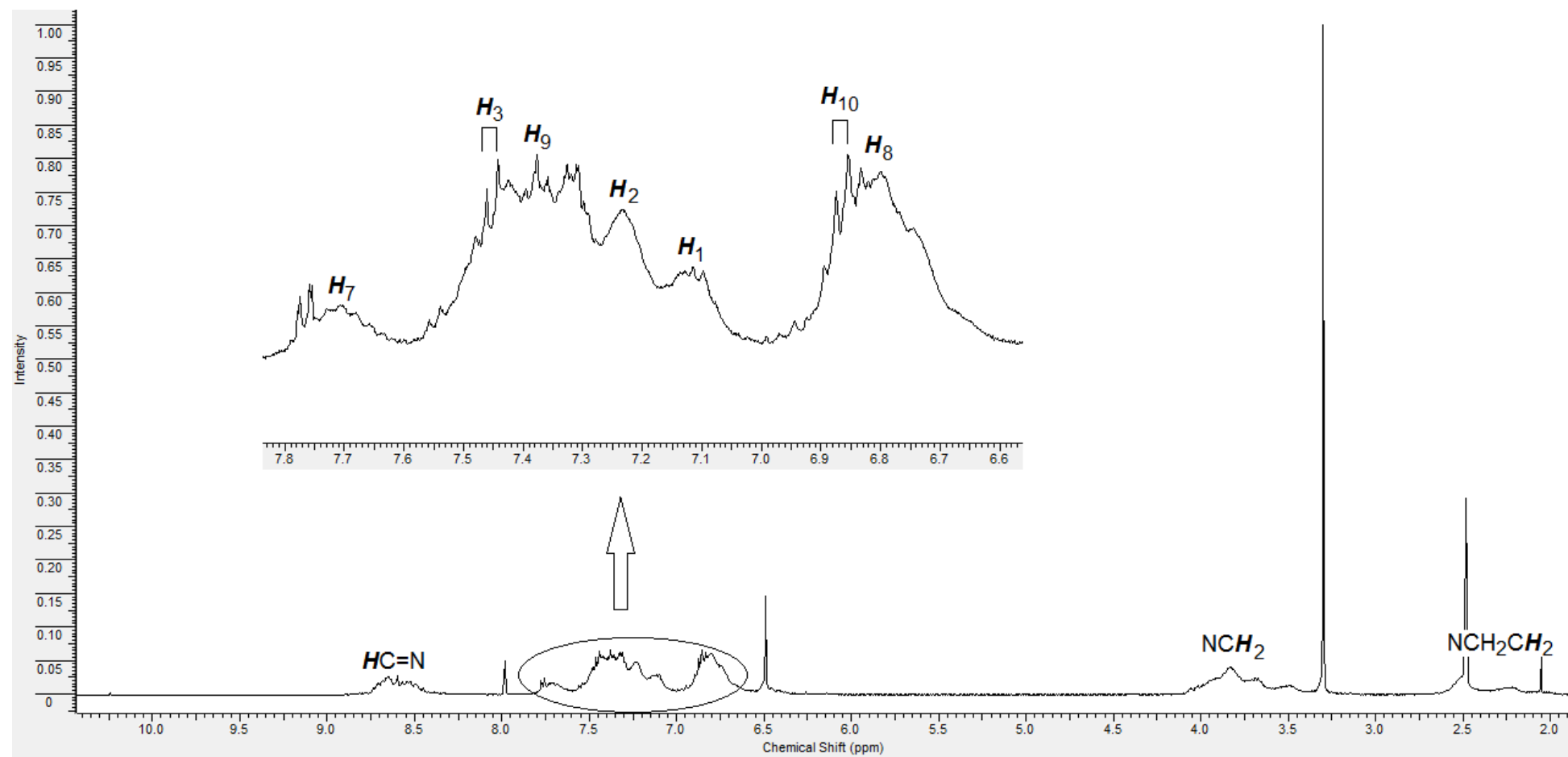


Fig. S32 ^1H NMR spectrum of **3bl**.

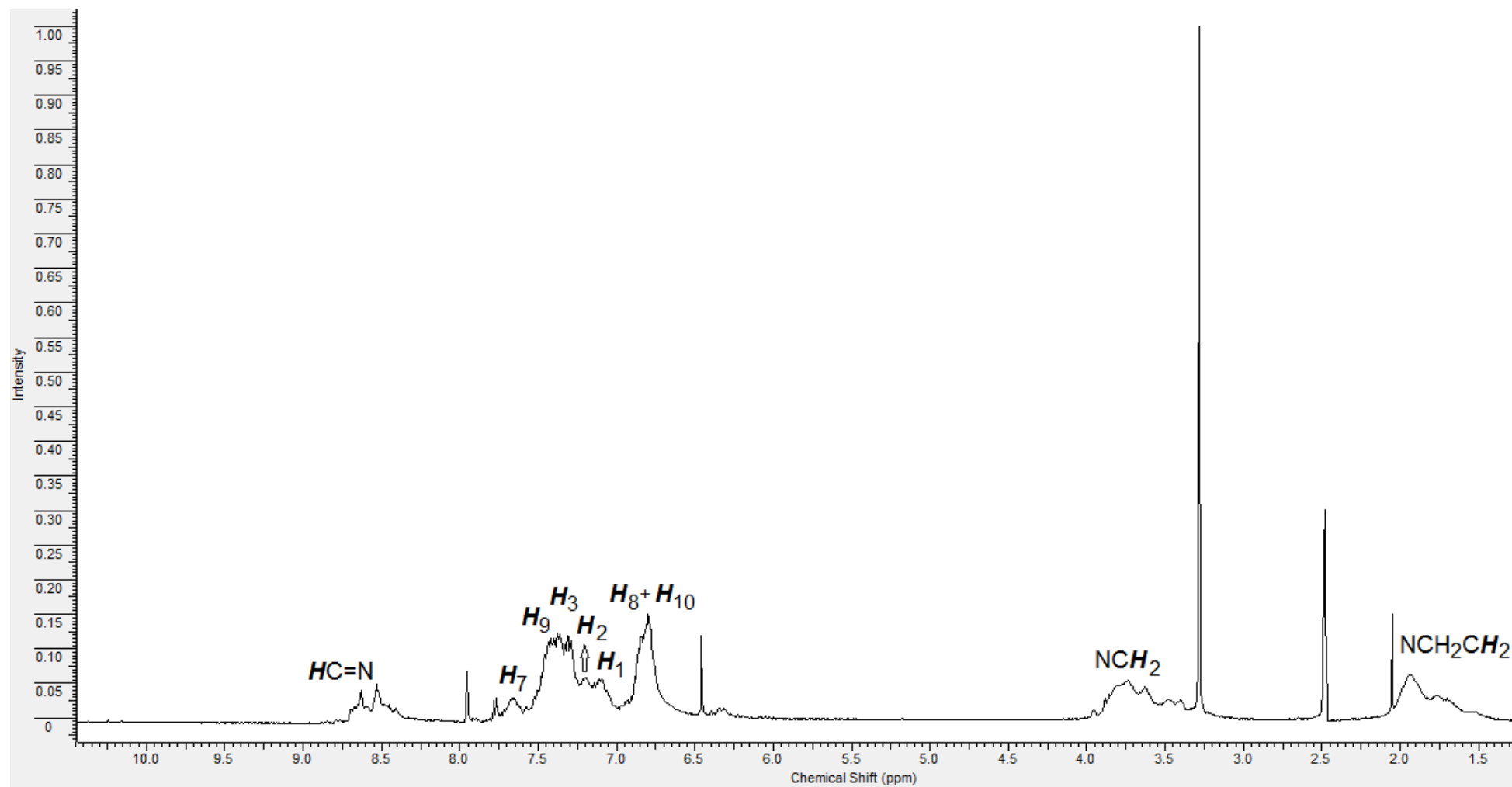


Fig. S33 ^1H NMR spectrum of **3cl**.

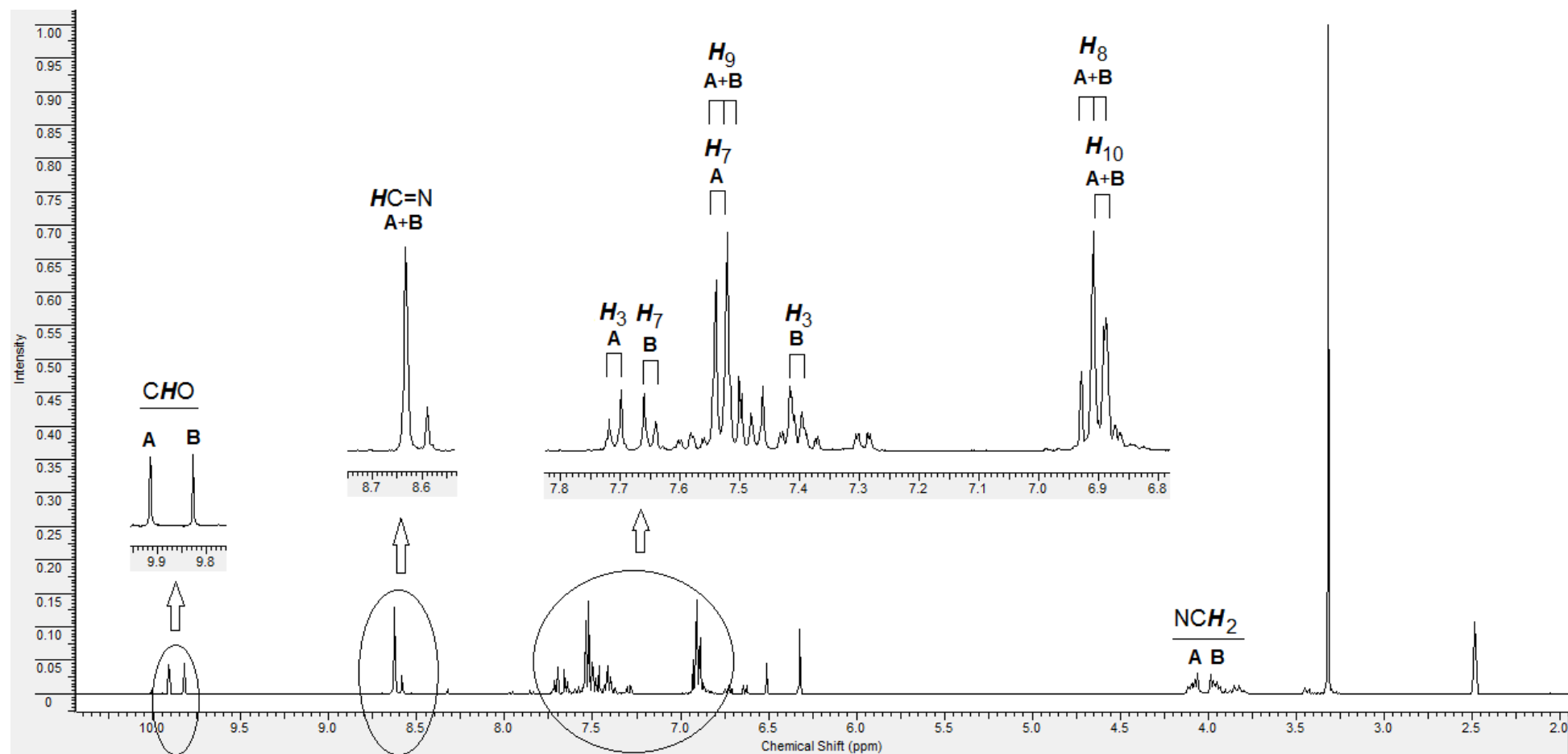


Fig. S34 ^1H NMR spectrum of **3all**.

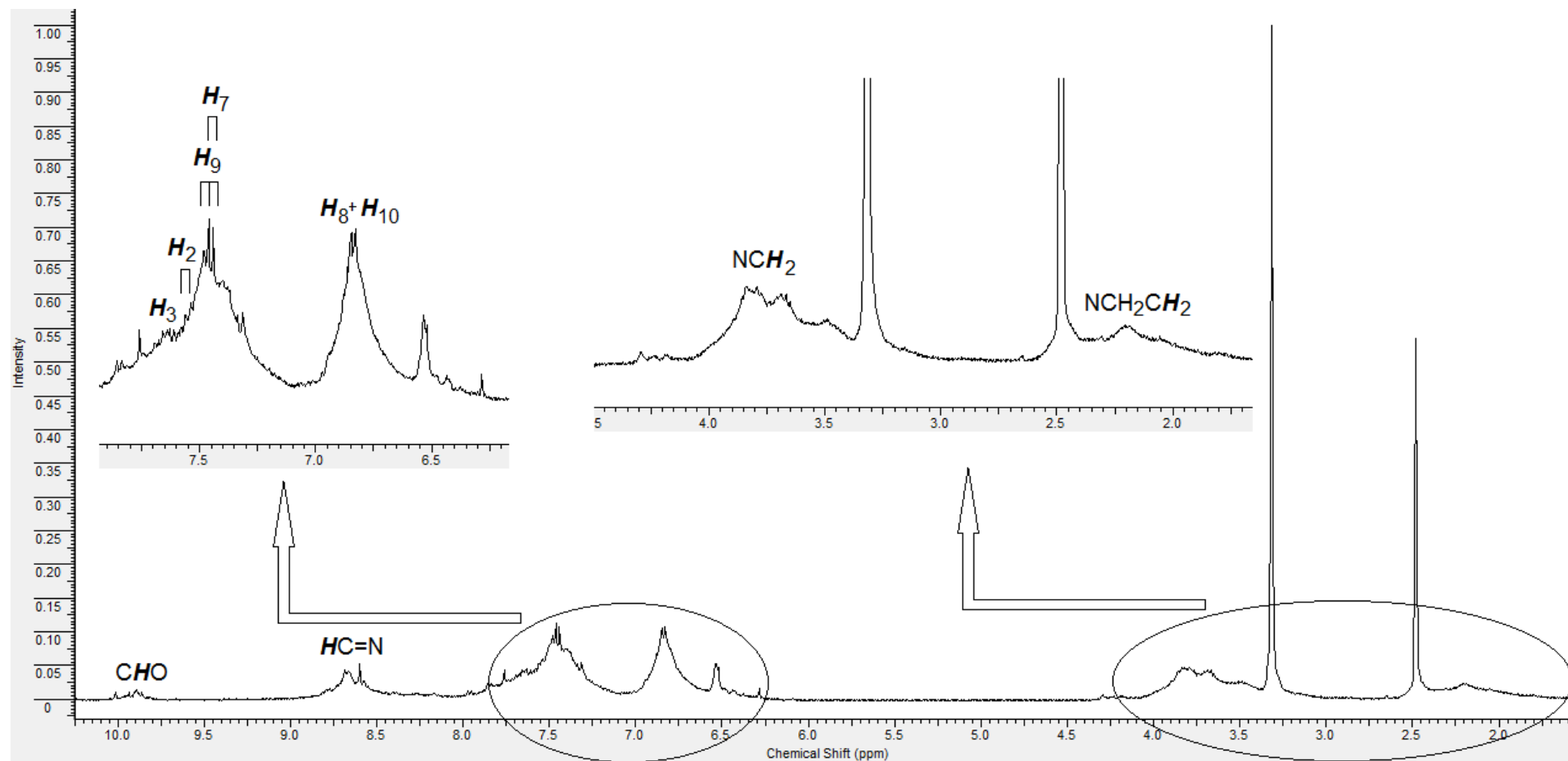


Fig. S35 ^1H NMR spectrum of **3bII**.

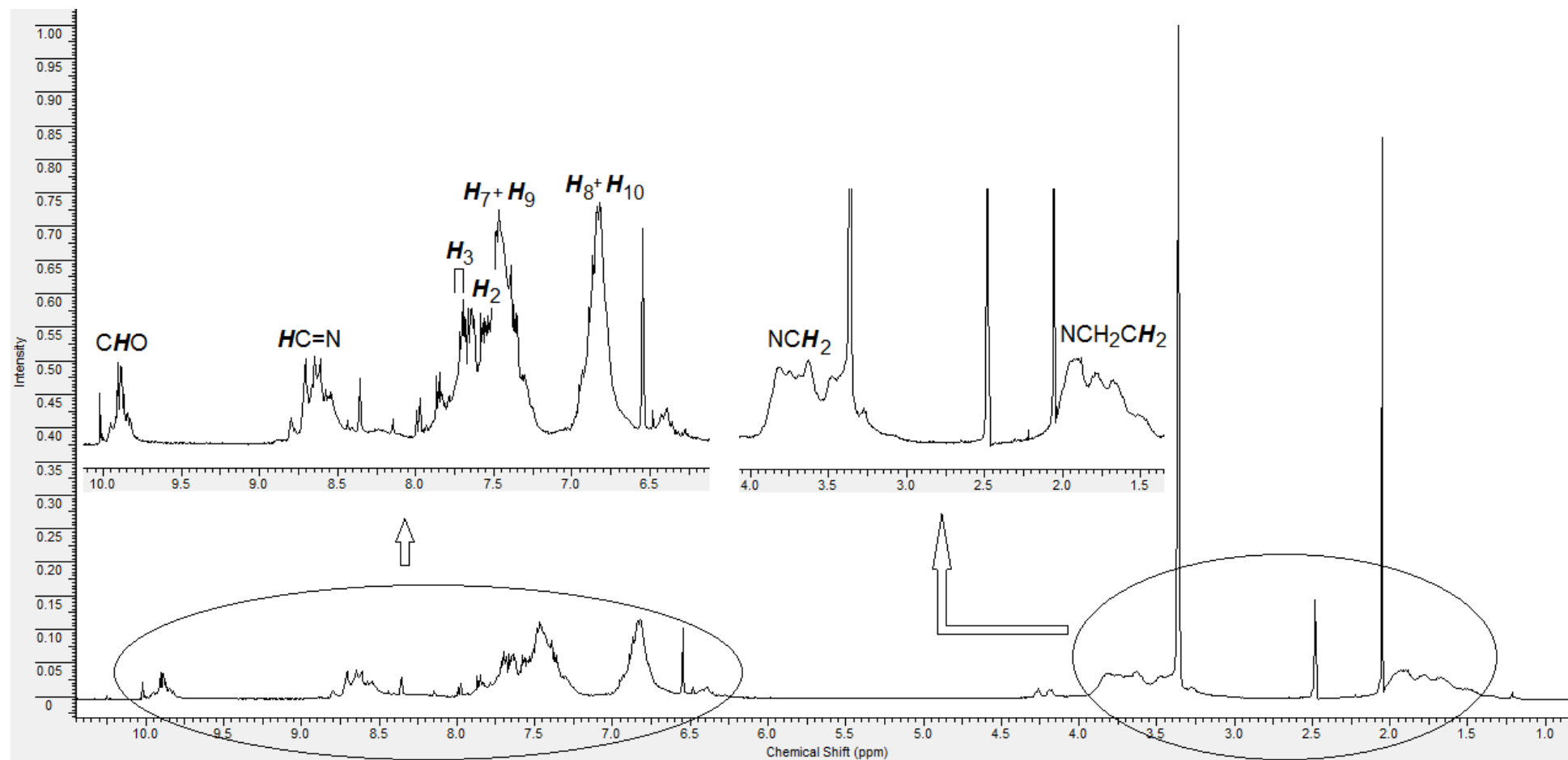


Fig. S36 ^1H NMR spectrum of **3cII**.

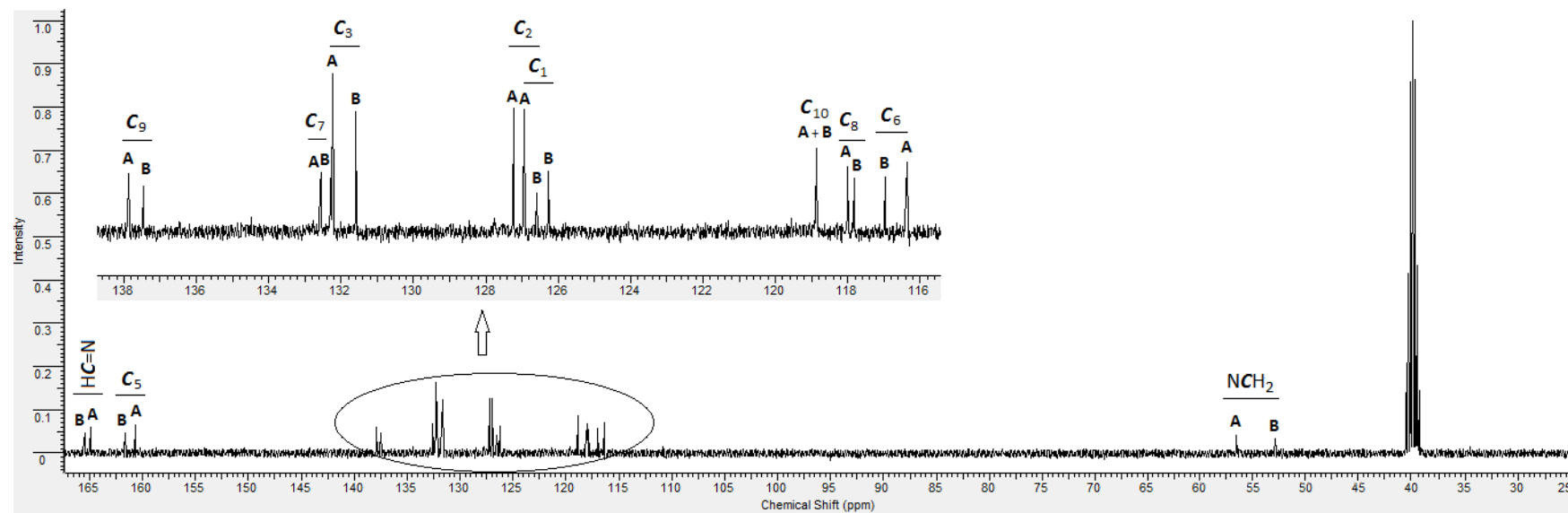


Fig. S37 ^{13}C NMR spectrum of **2al**.

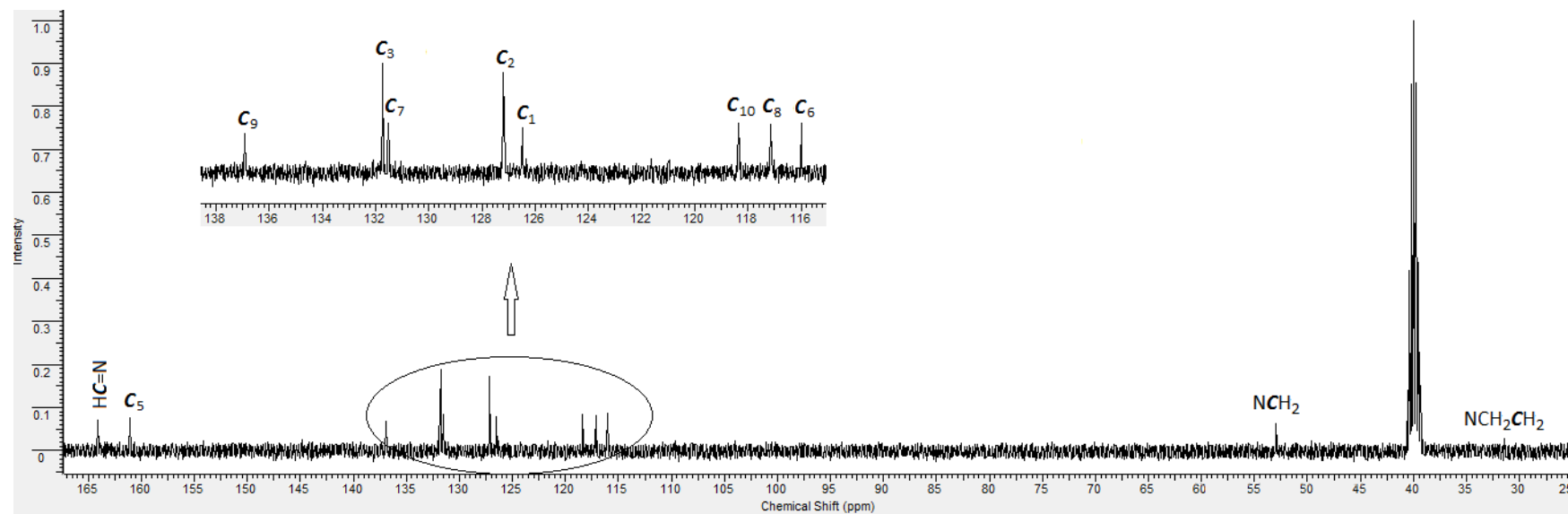


Fig. S38 ^{13}C NMR spectrum of **2bl**.

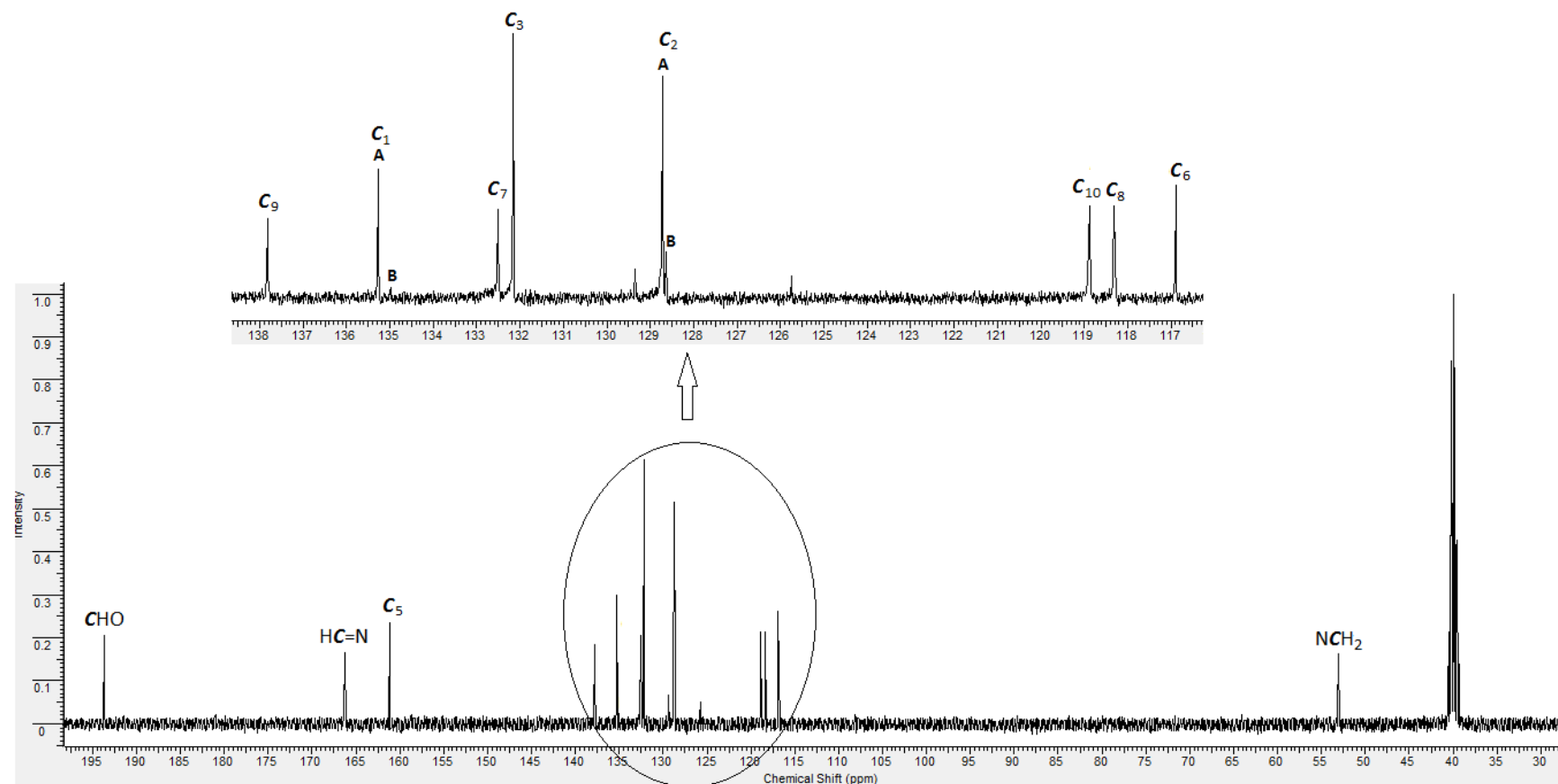


Fig. S39 ^{13}C NMR spectrum of **2all**.

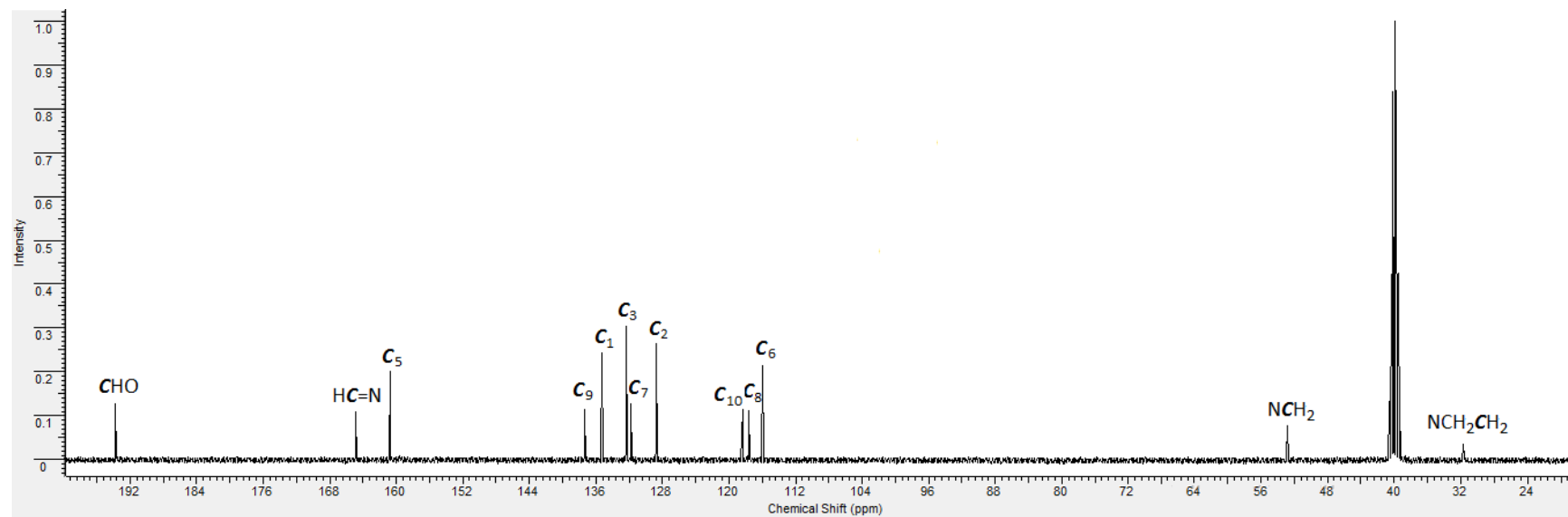


Fig. S40 ^{13}C NMR spectrum of **2bII**.

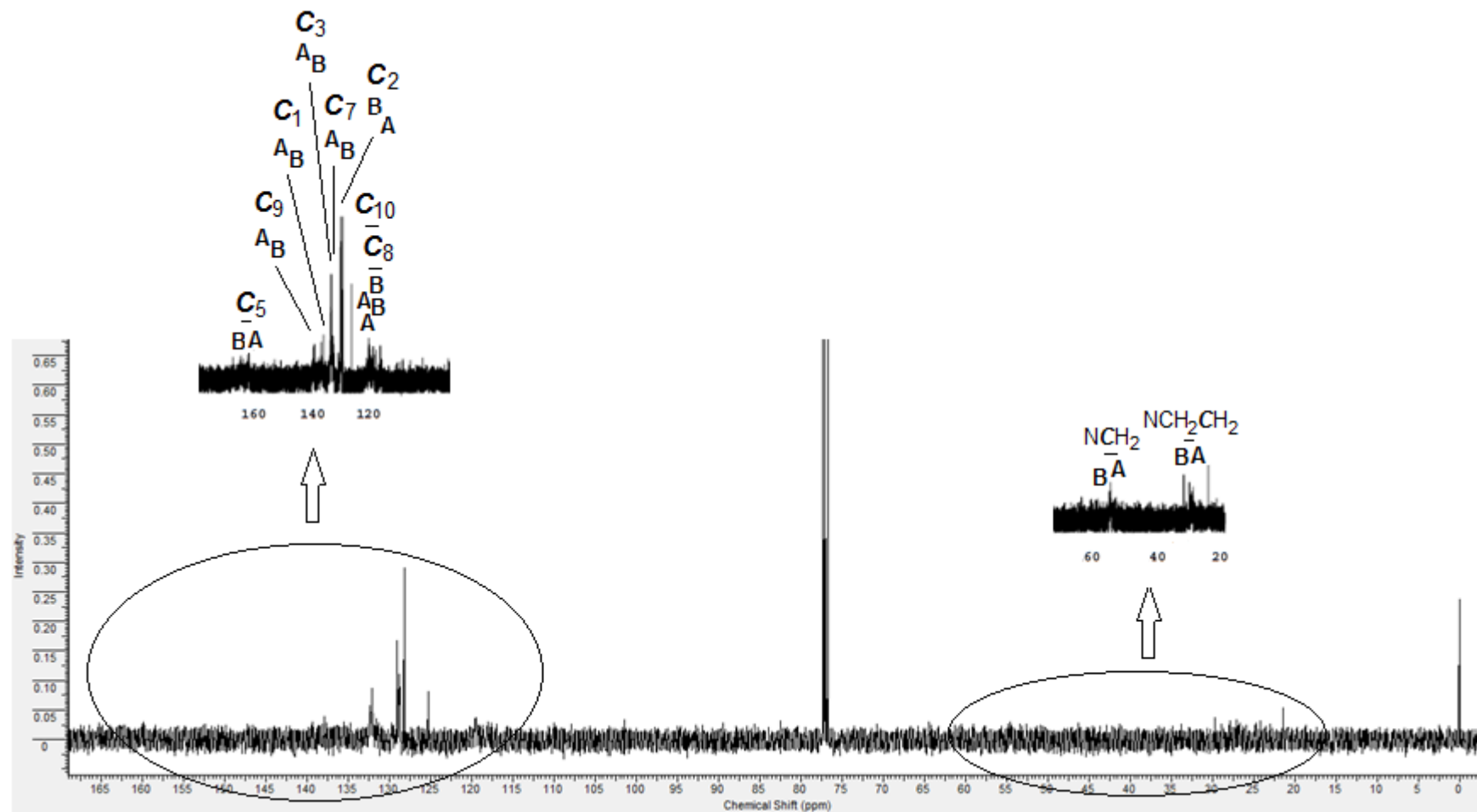


Fig. S41 ^{13}C NMR spectrum of 2cII.

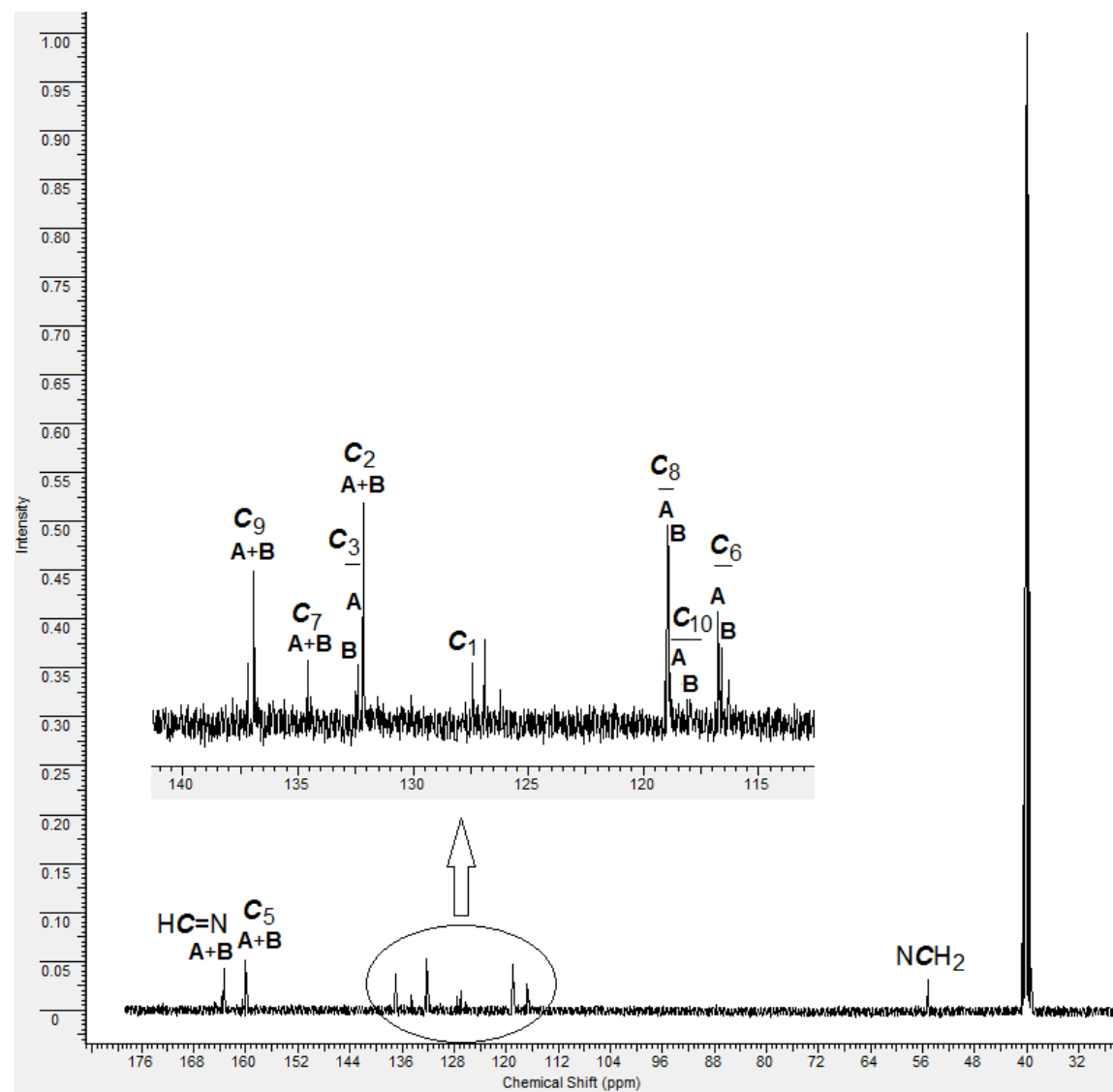


Fig. S42 ^{13}C NMR spectrum of **3al**.

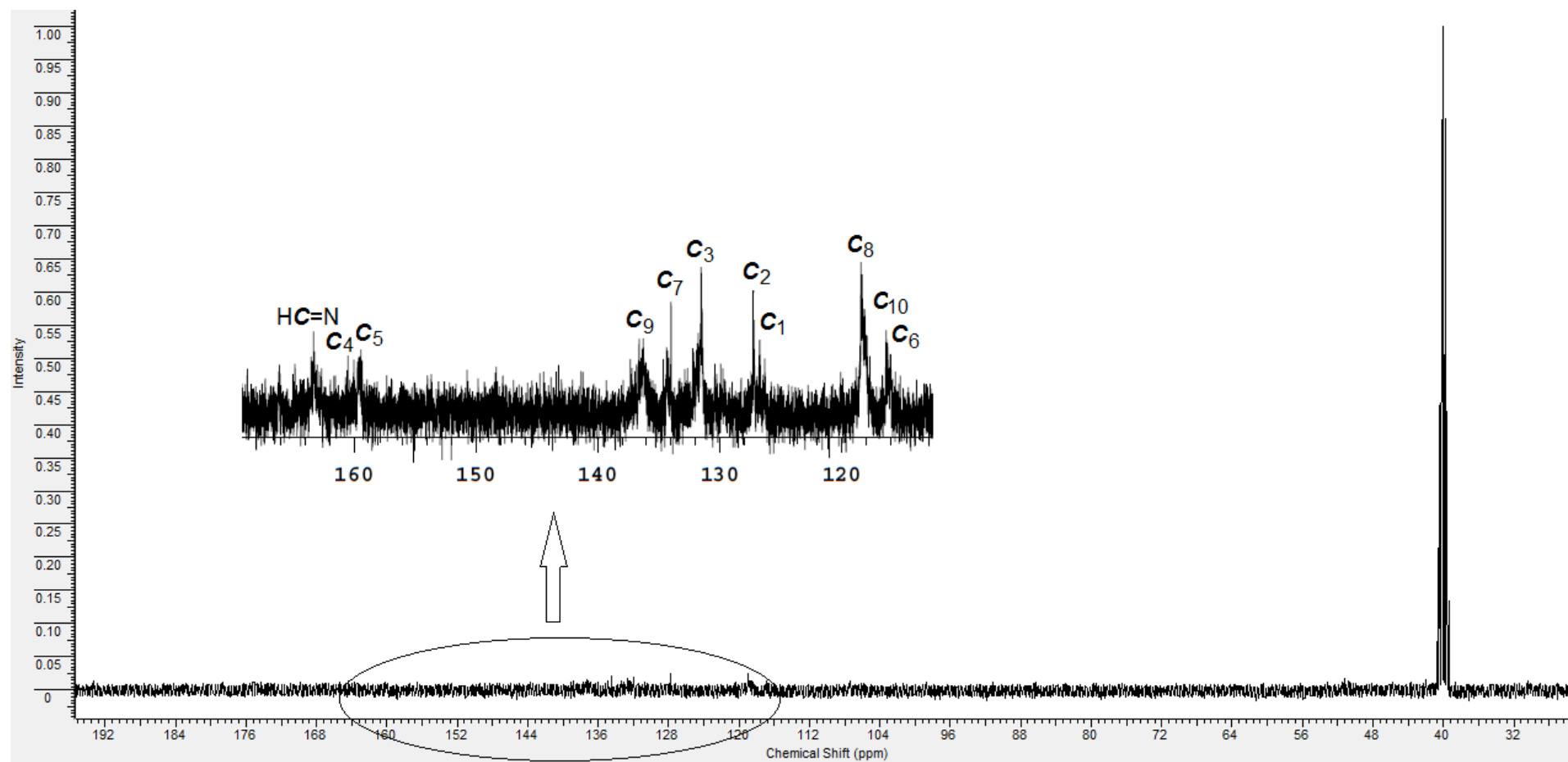


Fig. S43 ^{13}C NMR spectrum of **3bl**.

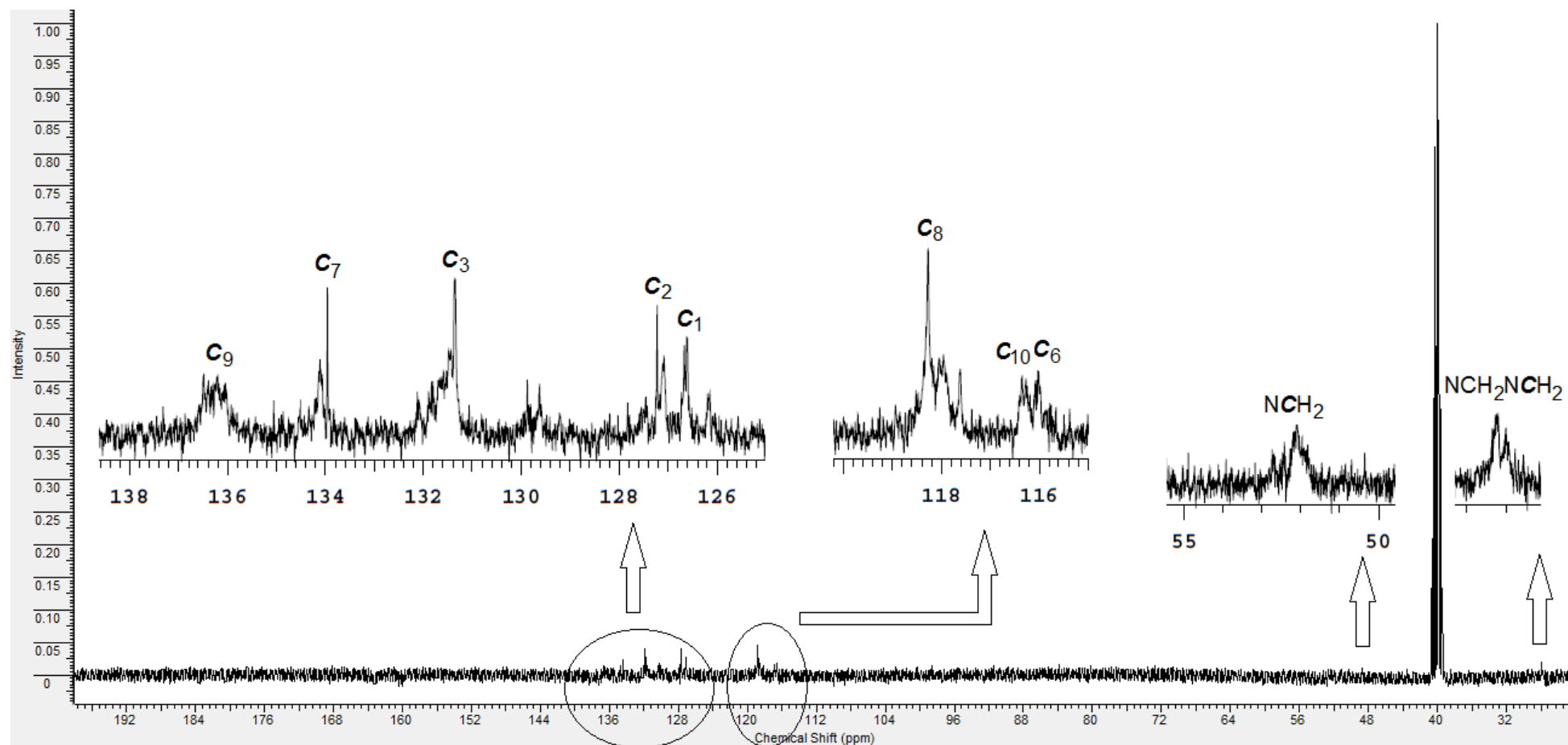


Fig. S44 ^{13}C NMR spectrum of **3cl**.

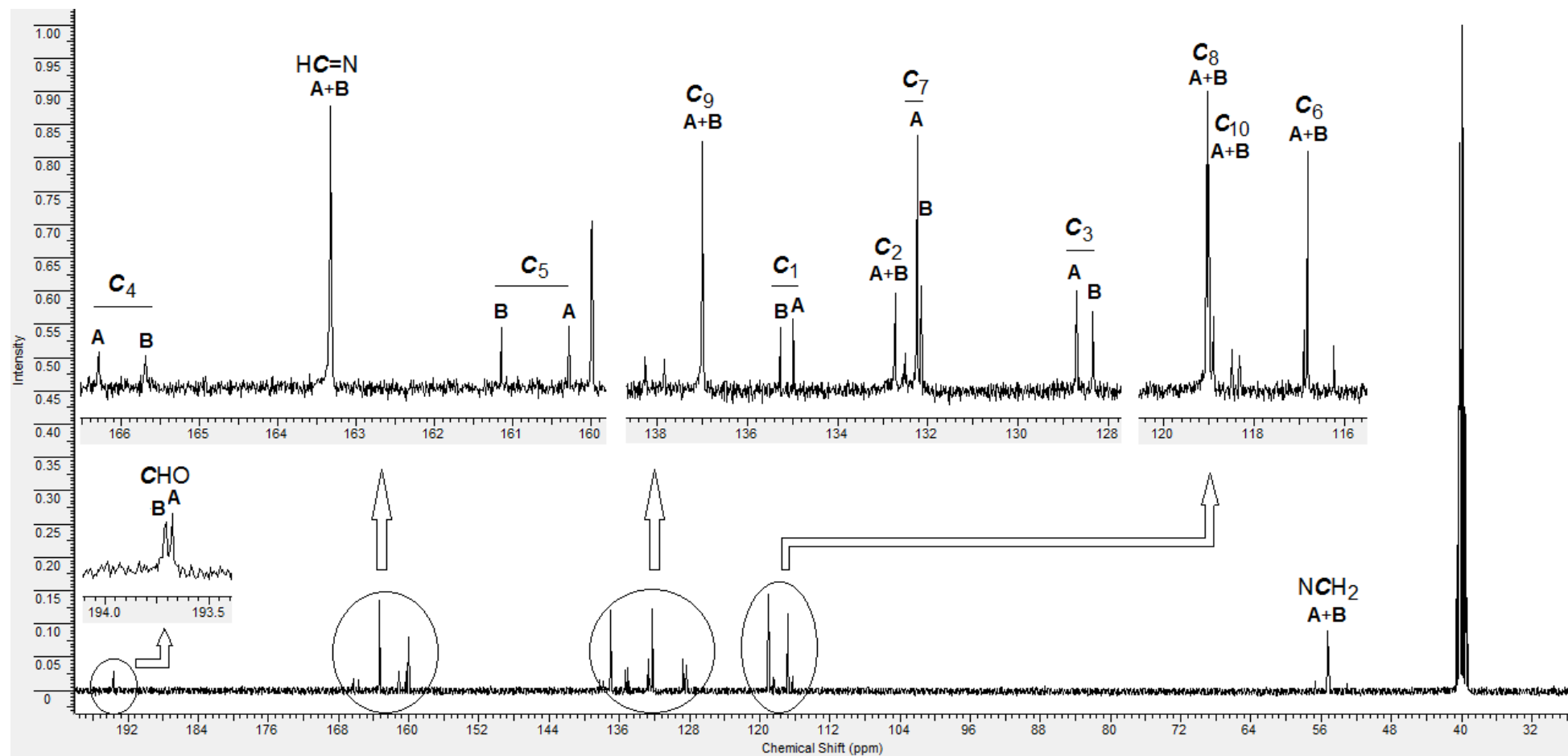


Fig. S45 ^{13}C NMR spectrum of **3all**.

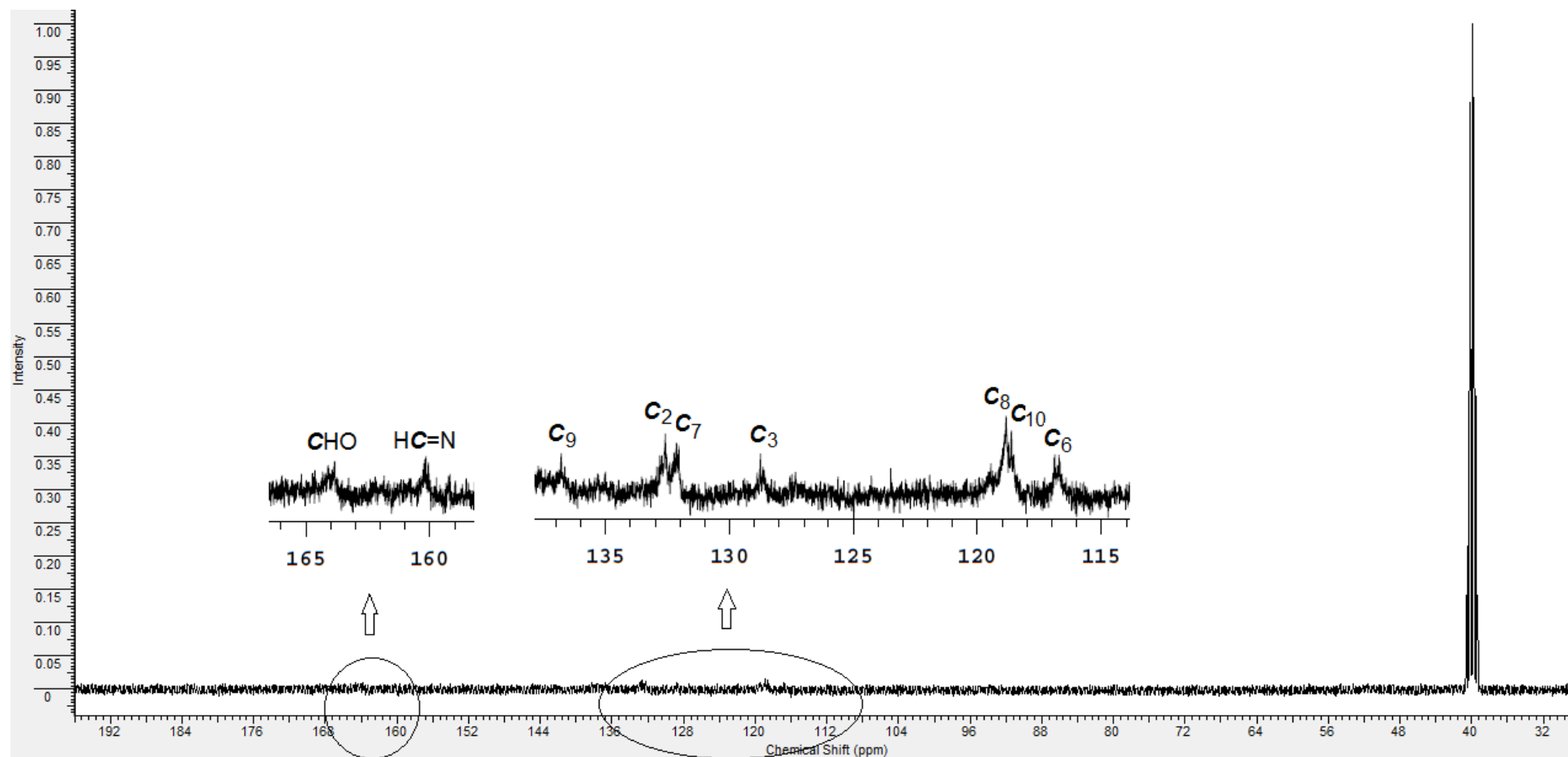


Fig. S46 ^{13}C NMR spectrum of **3bII**.

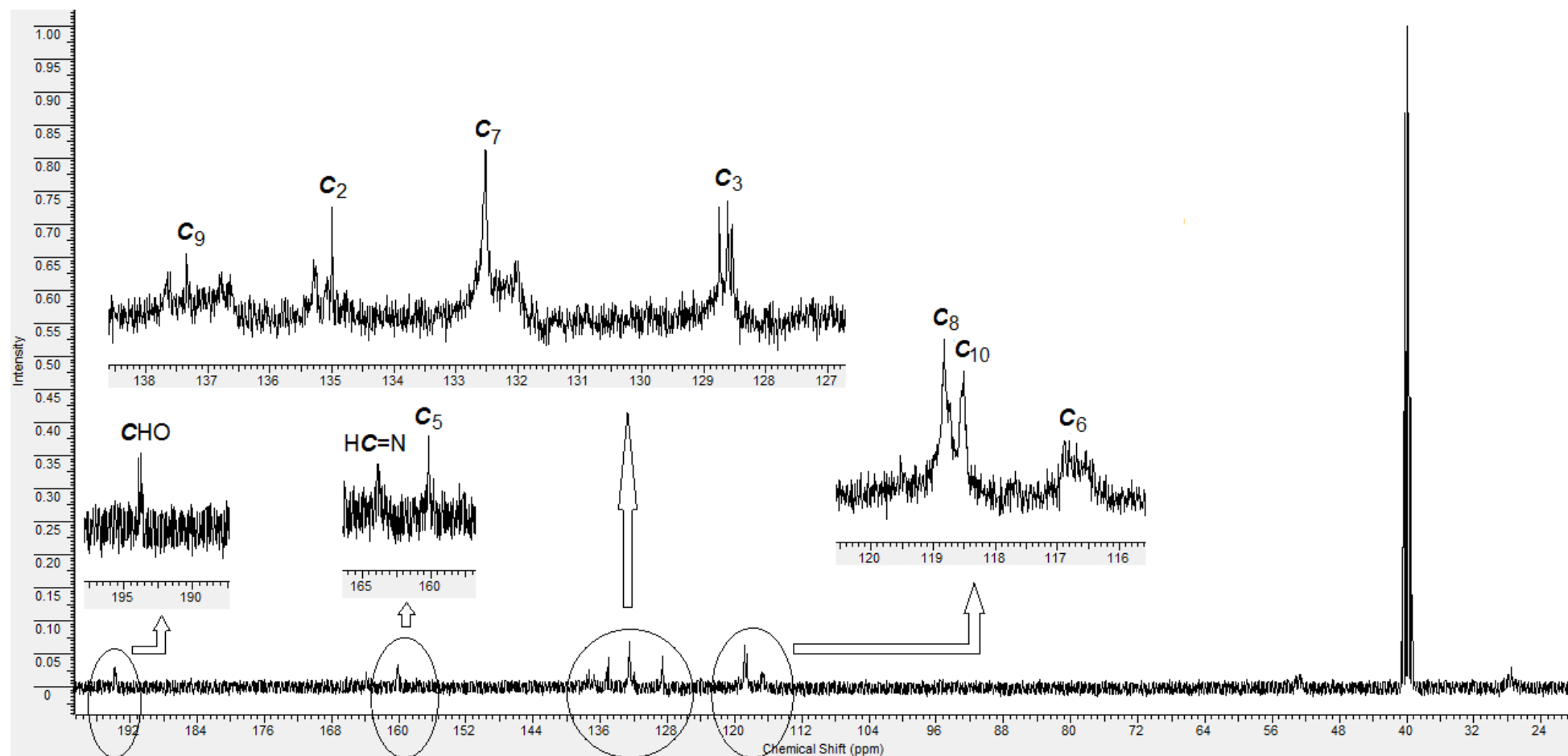


Fig. S47 ^{13}C NMR spectrum of 3cII.

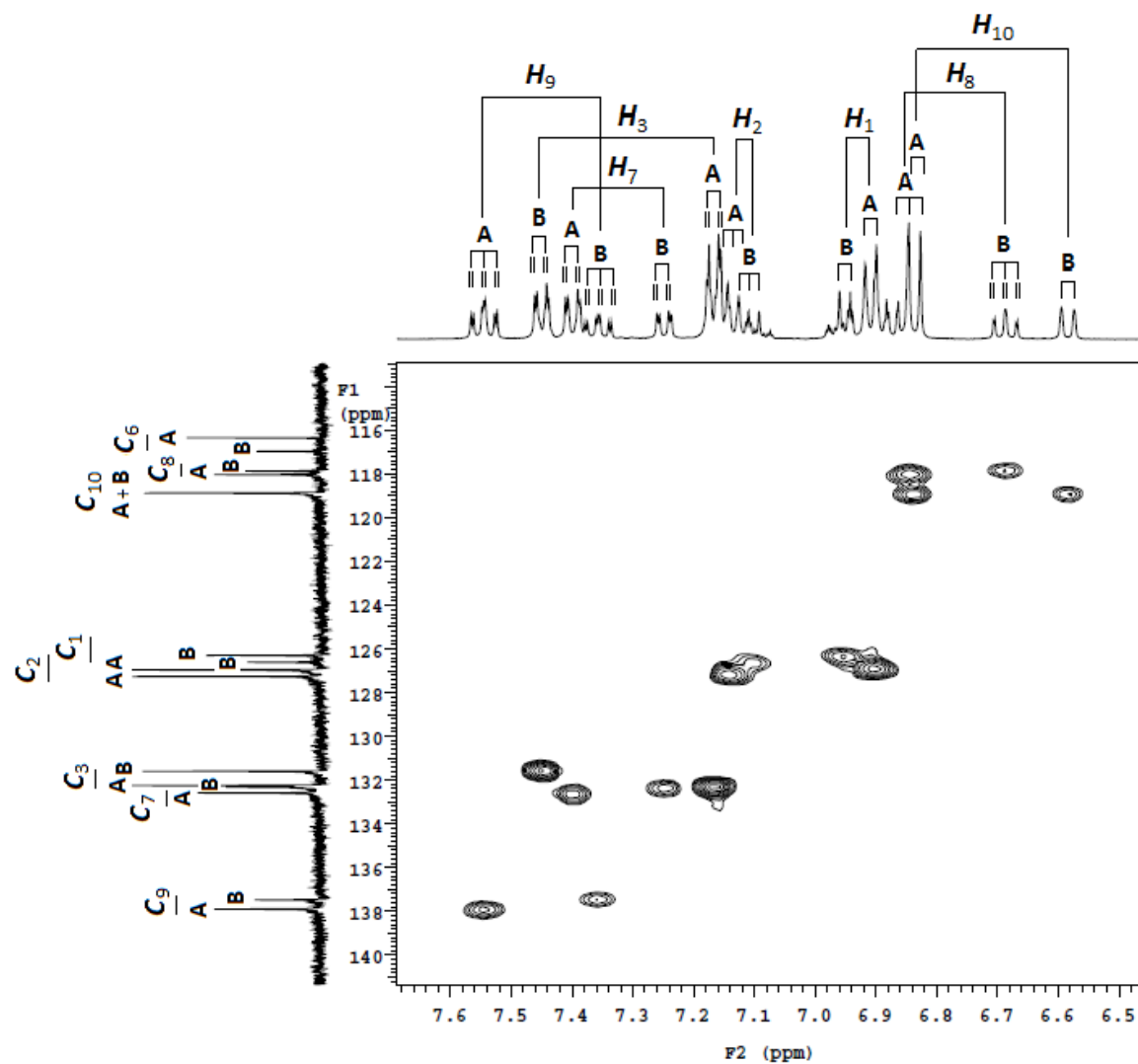
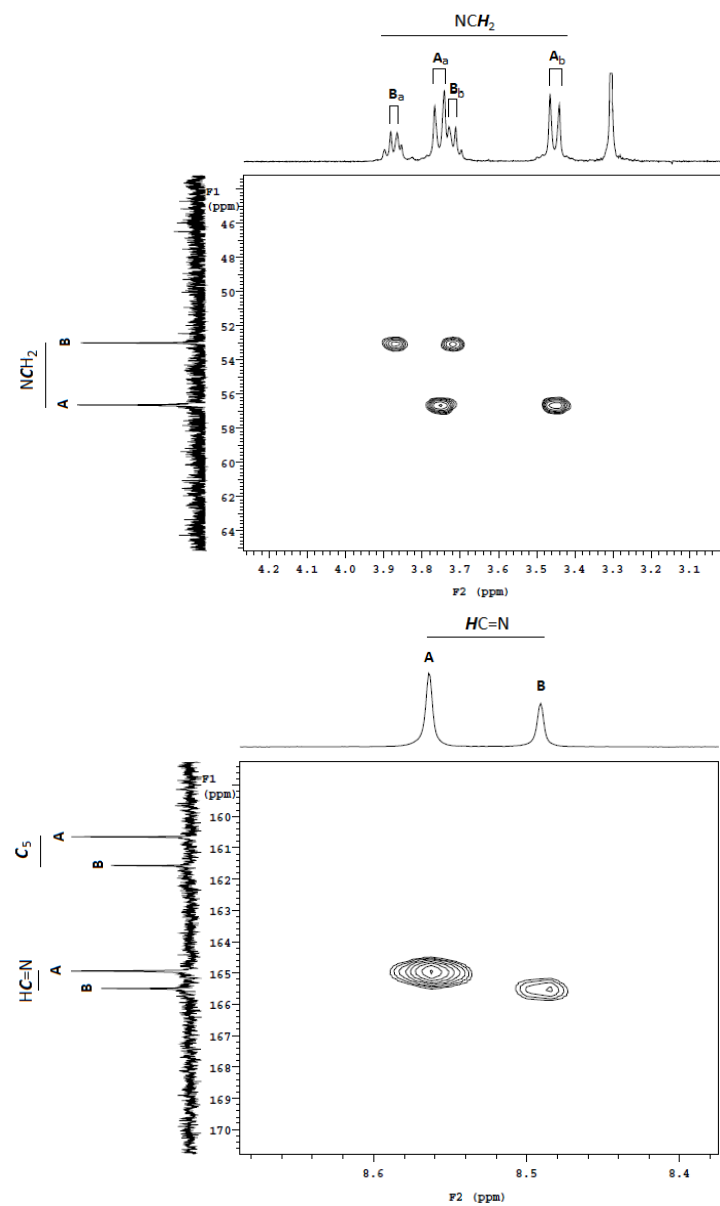


Fig. S48 HSQC spectrum of **2al**.

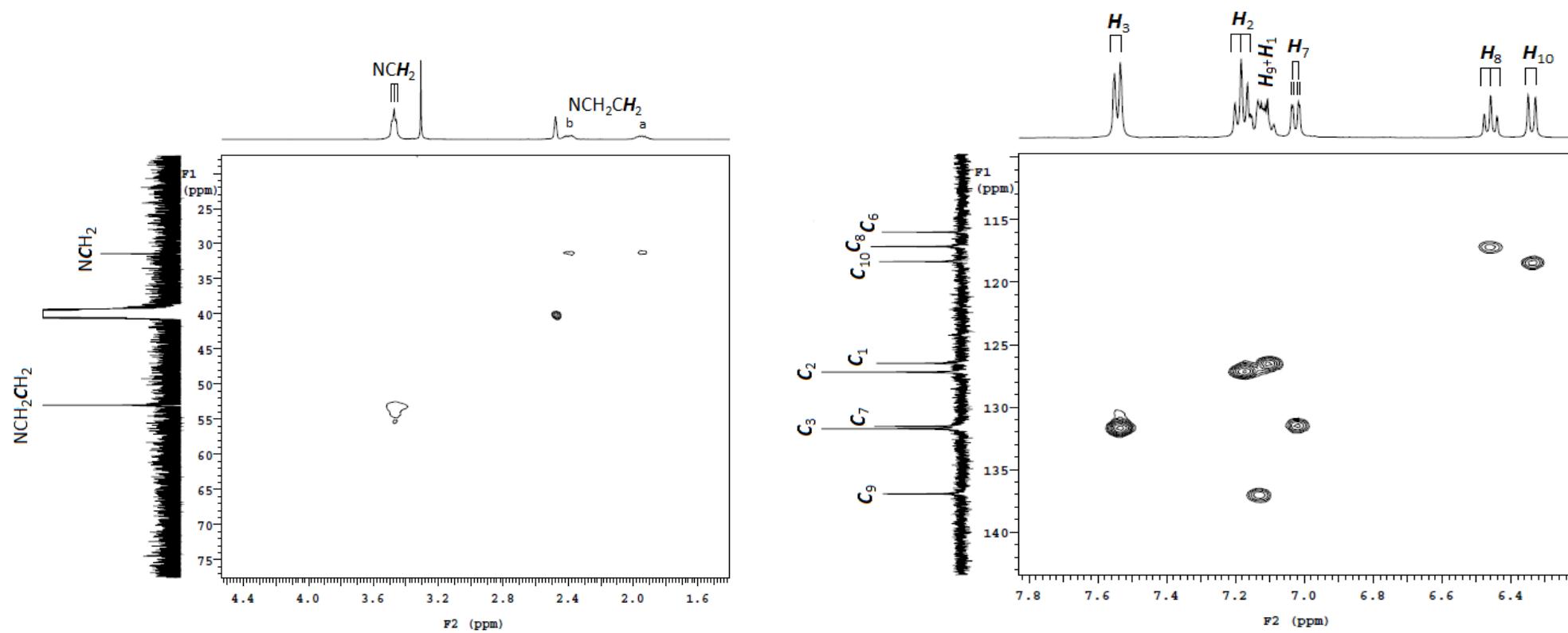


Fig. S49 HSQC spectrum of **2bl**.

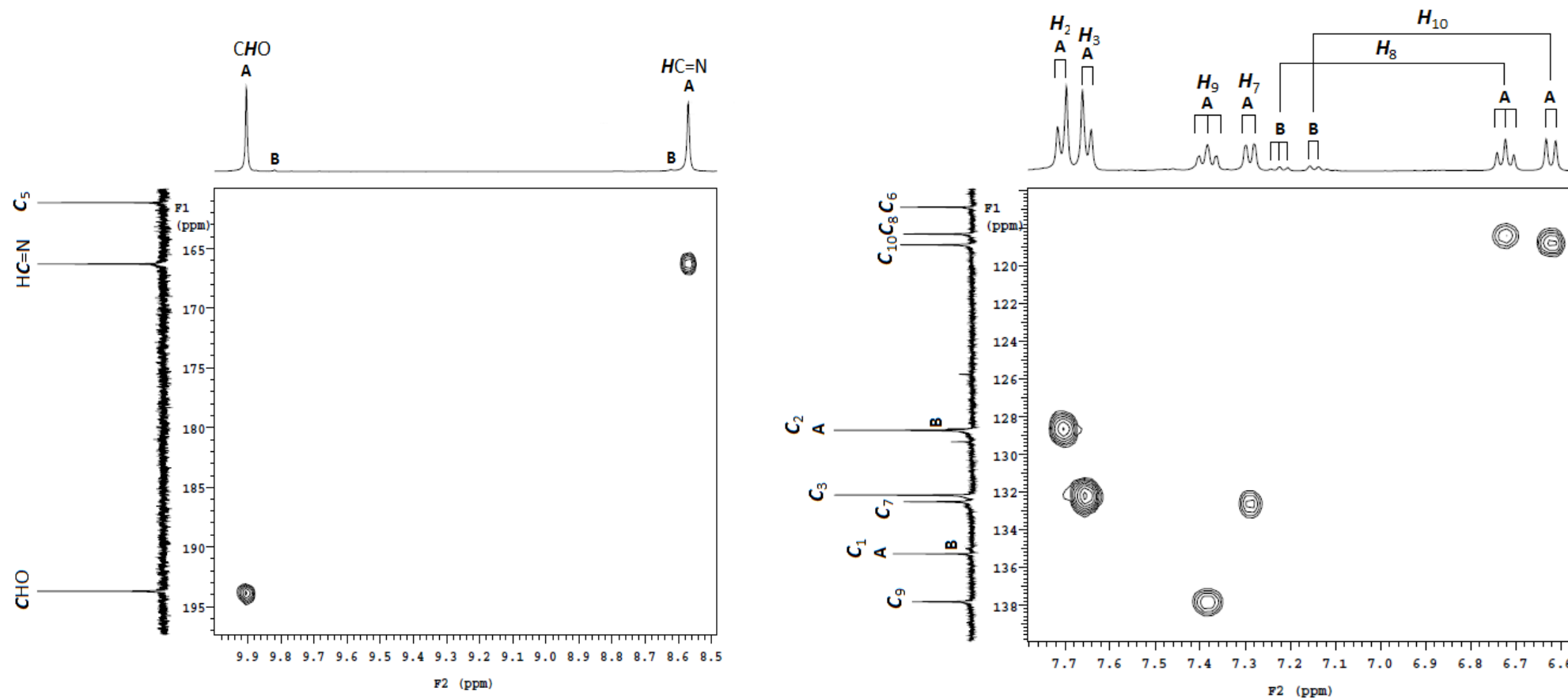


Fig. S50 HSQC spectrum of **2all**.

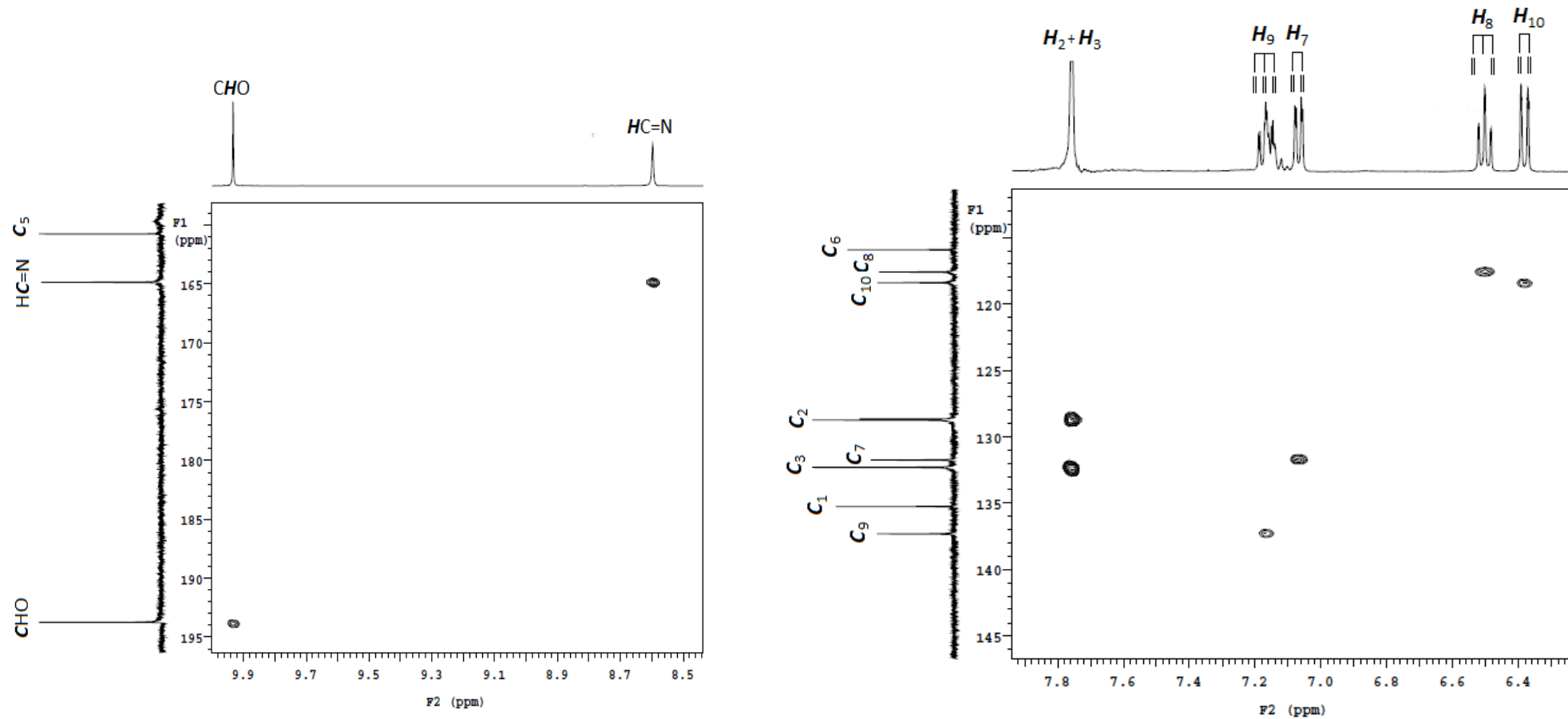


Fig. S51 HSQC spectrum of **2bII**.

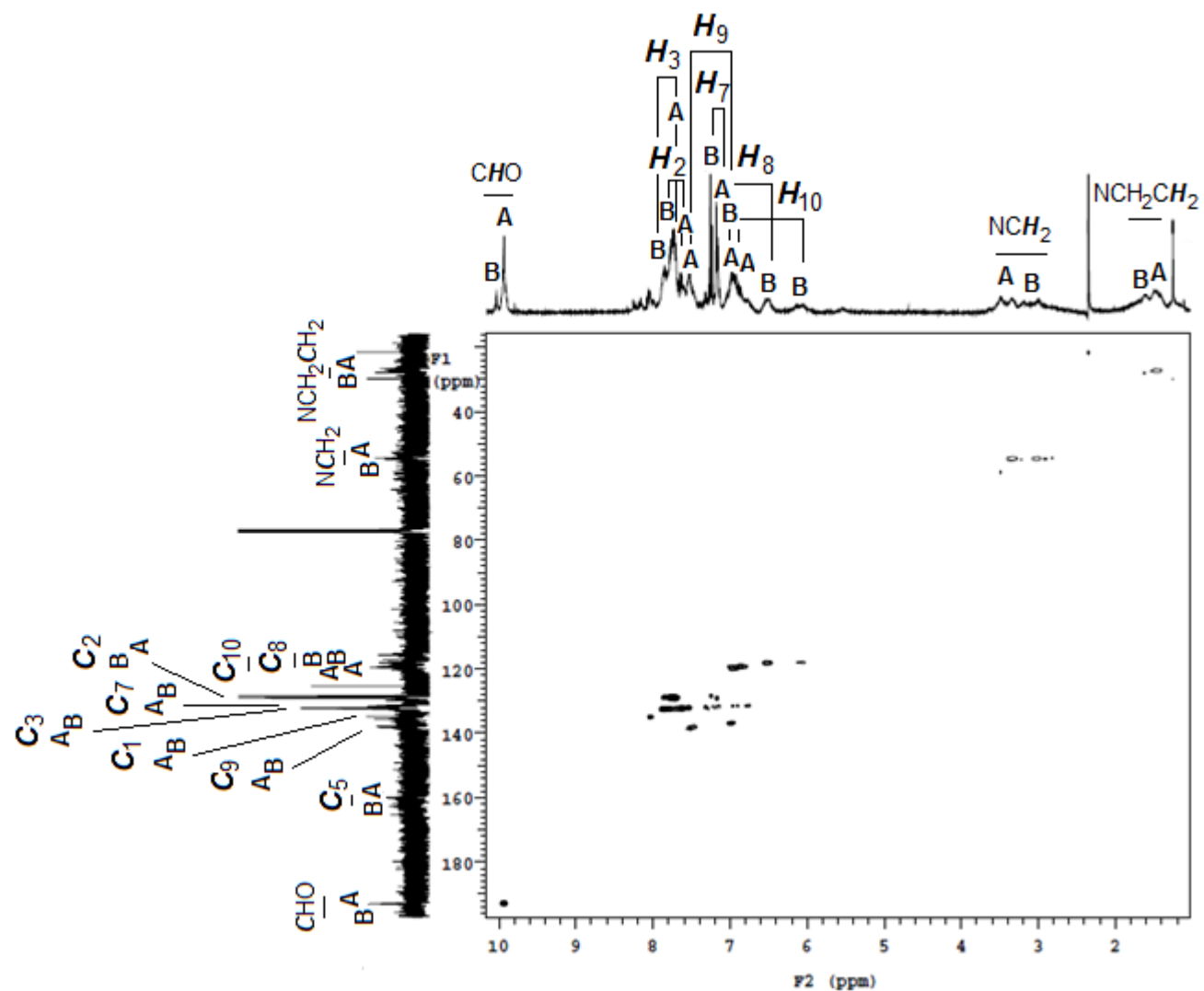


Fig. S52 HSQC spectrum of 2cII.

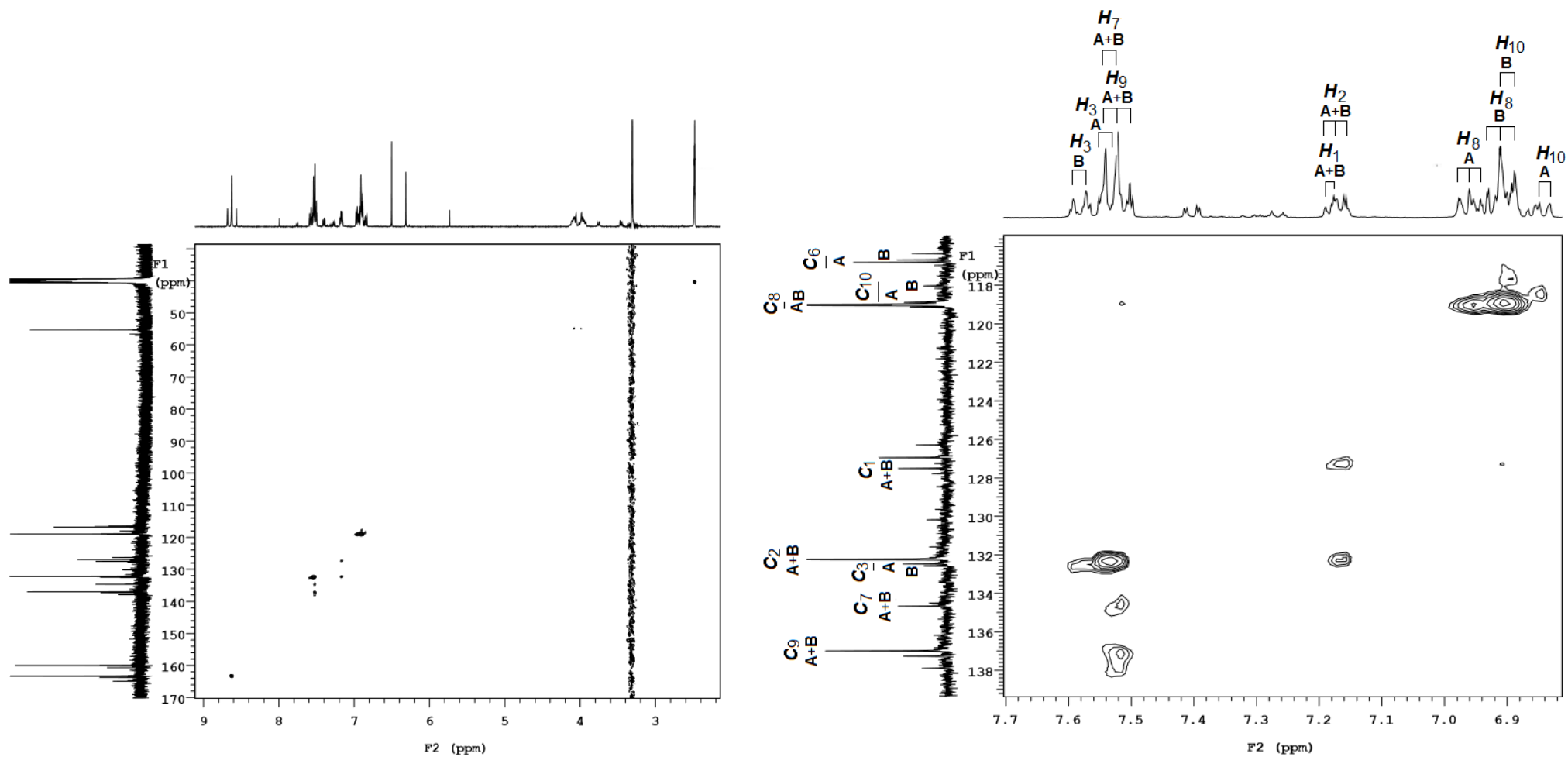


Fig. S53 HSQC spectrum of **3al**.

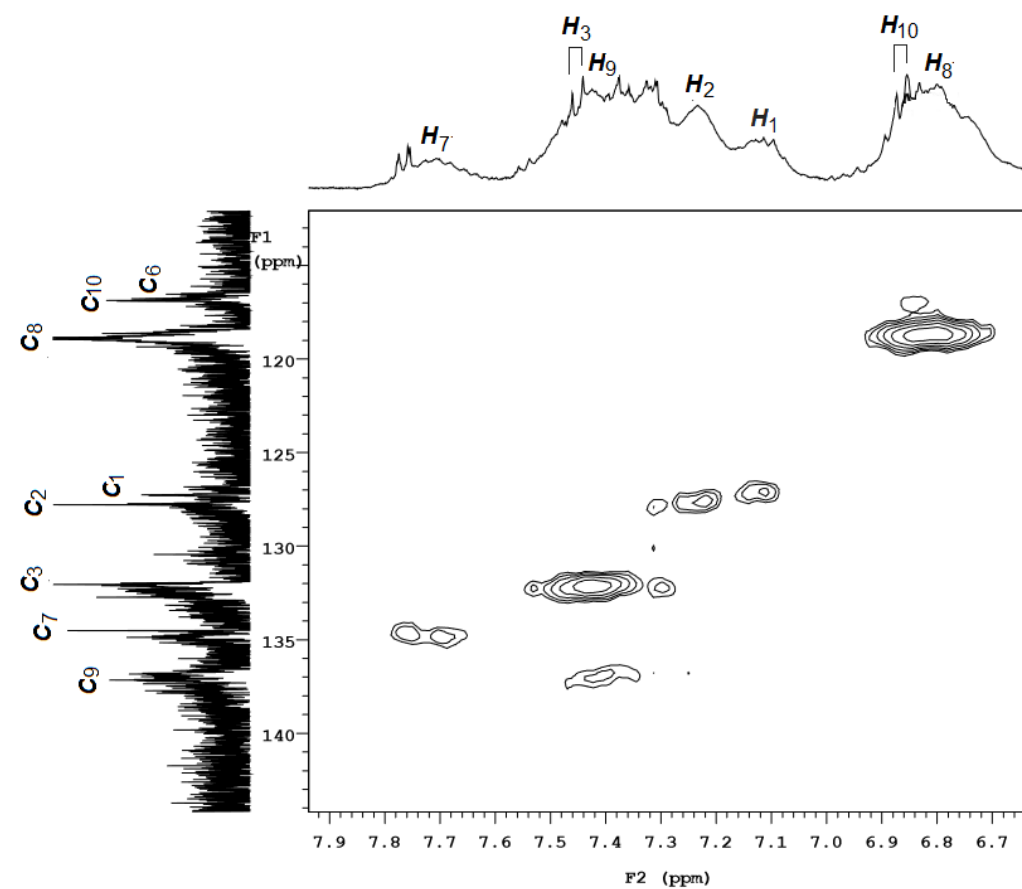
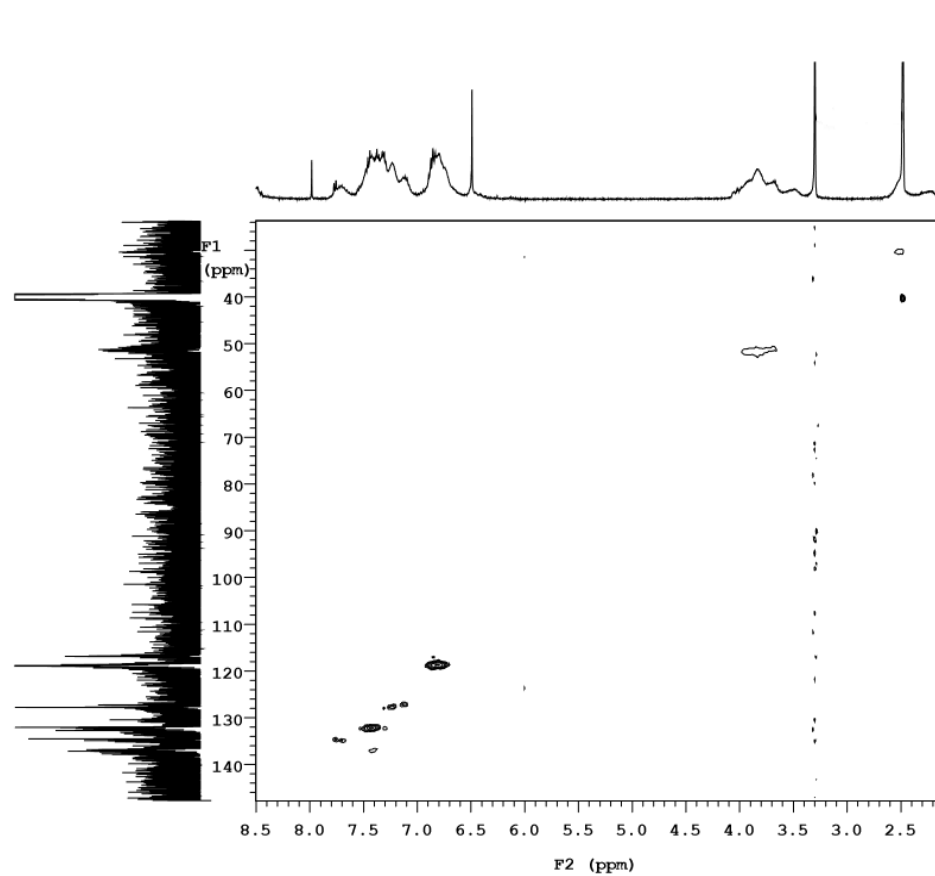


Fig. S54 HSQC spectrum of **3bl**.

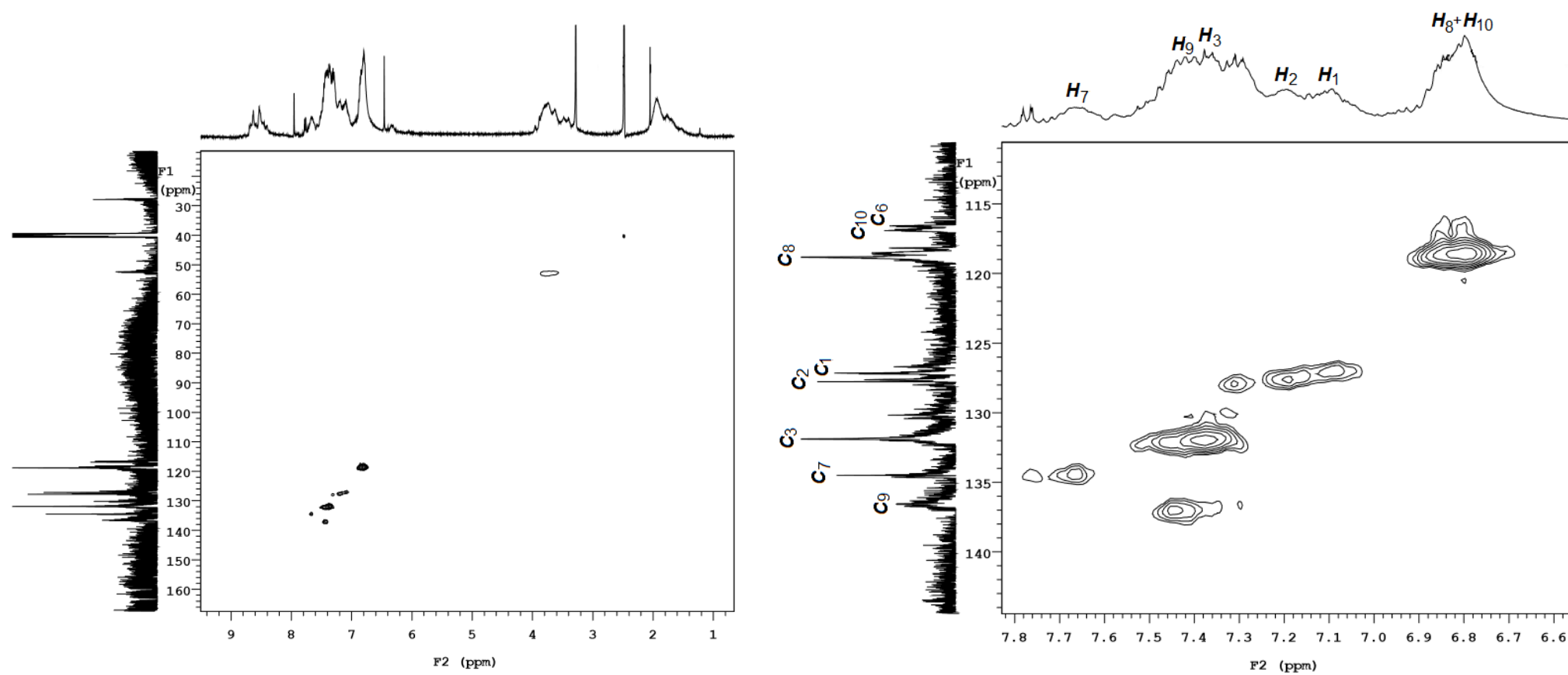


Fig. S55 HSQC spectrum of 3cl.

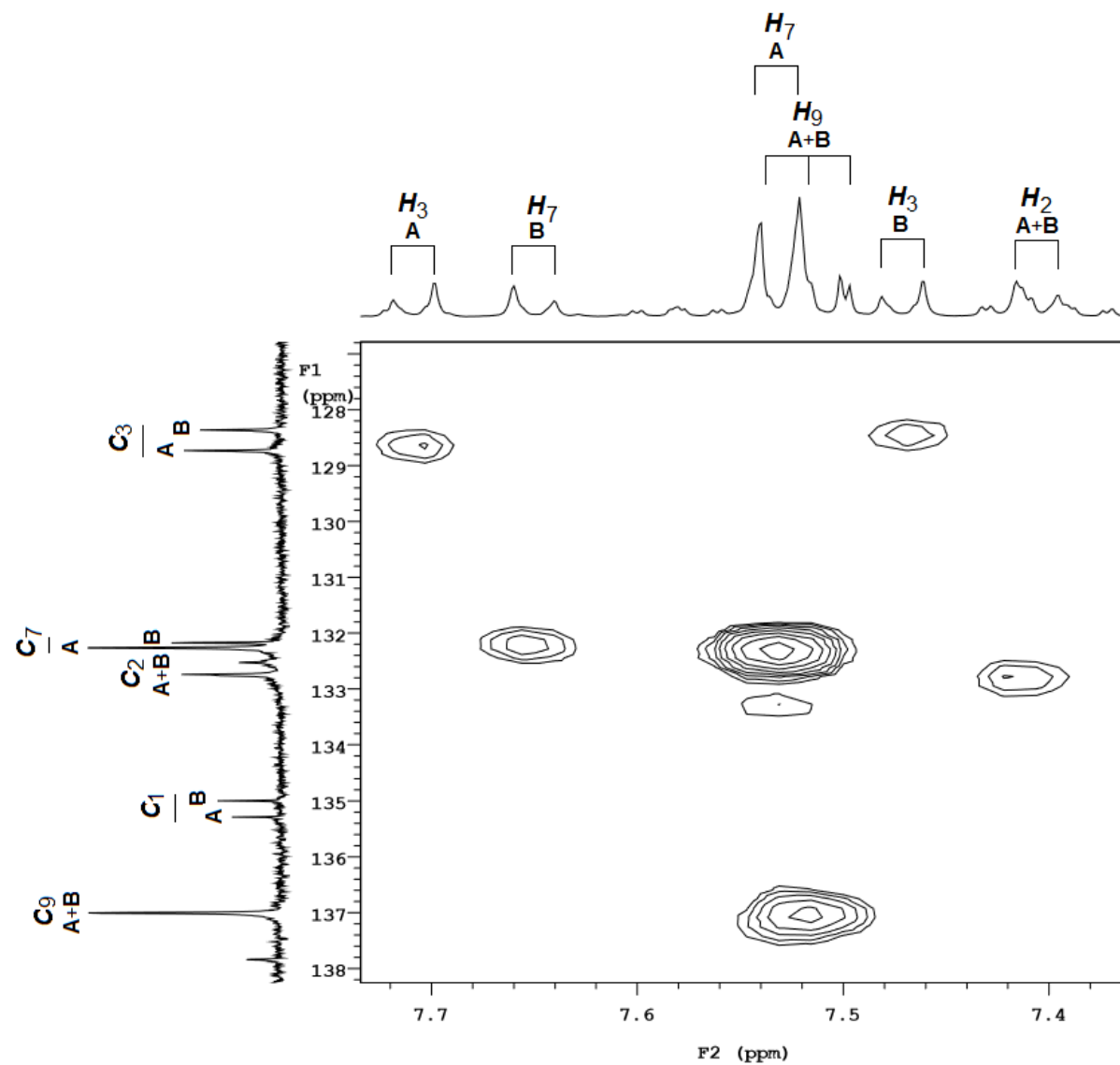
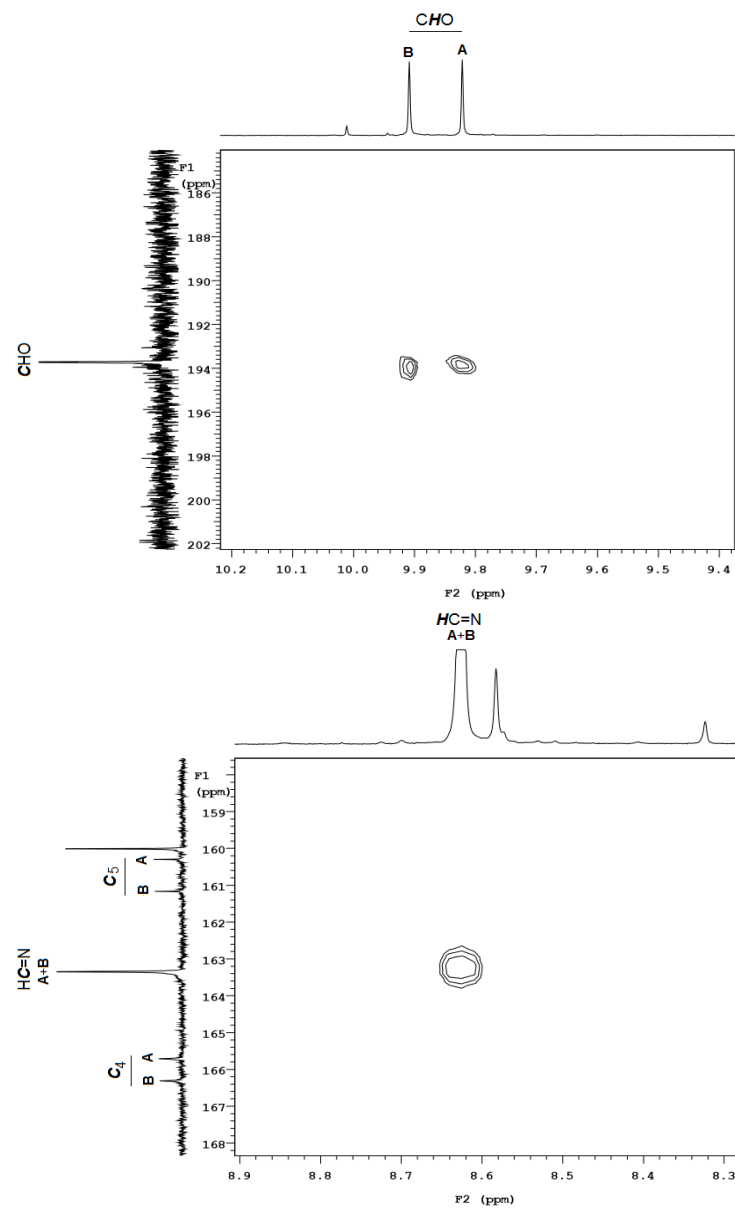


Fig. S56 HSQC spectrum of **3all**.

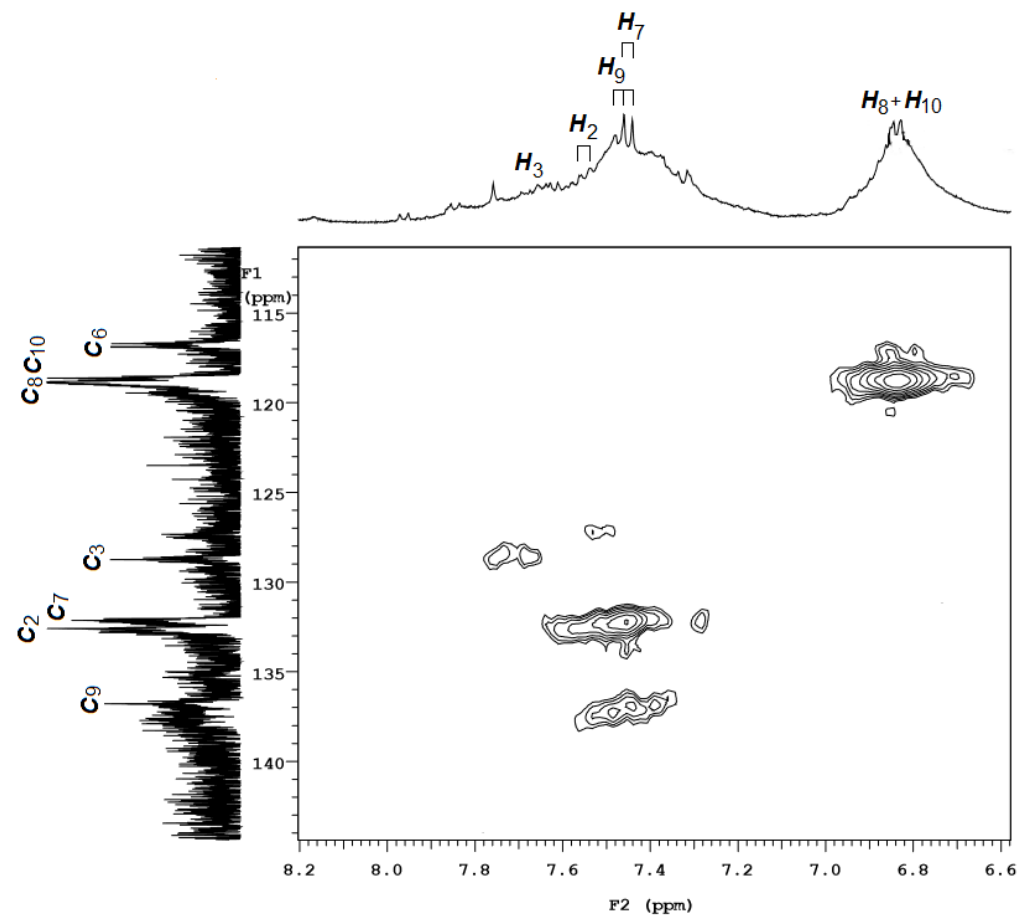
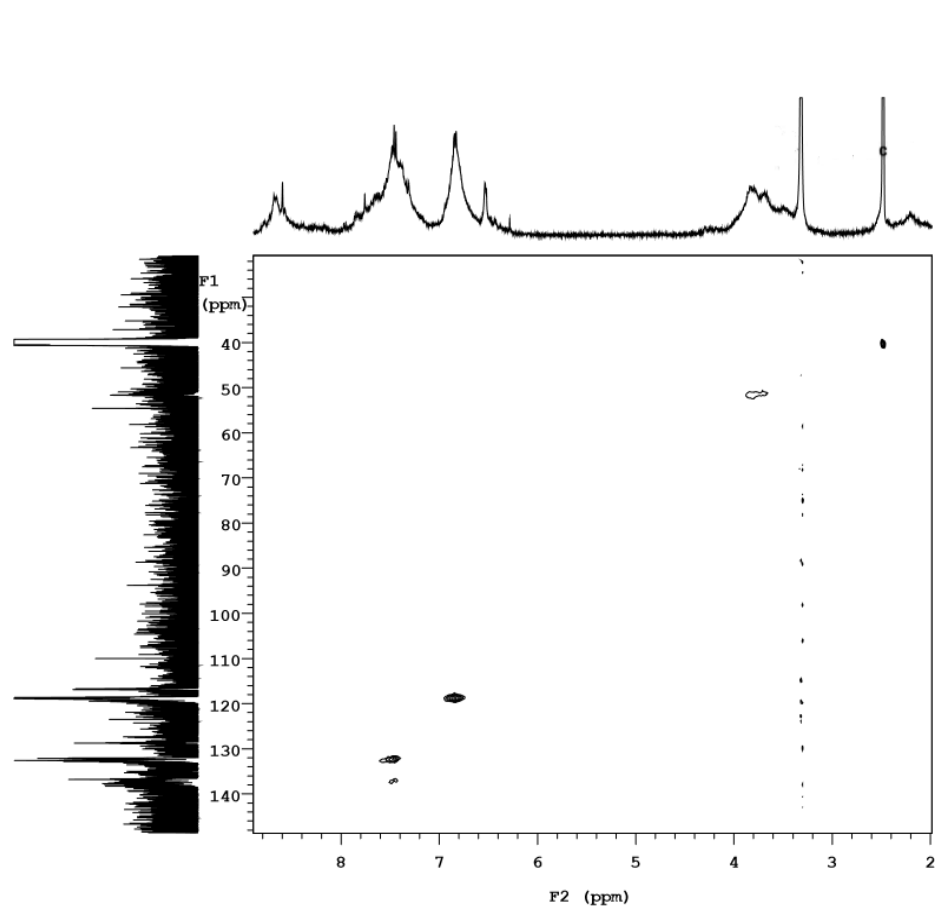


Fig. S57 HSQC spectrum of **3bII**.

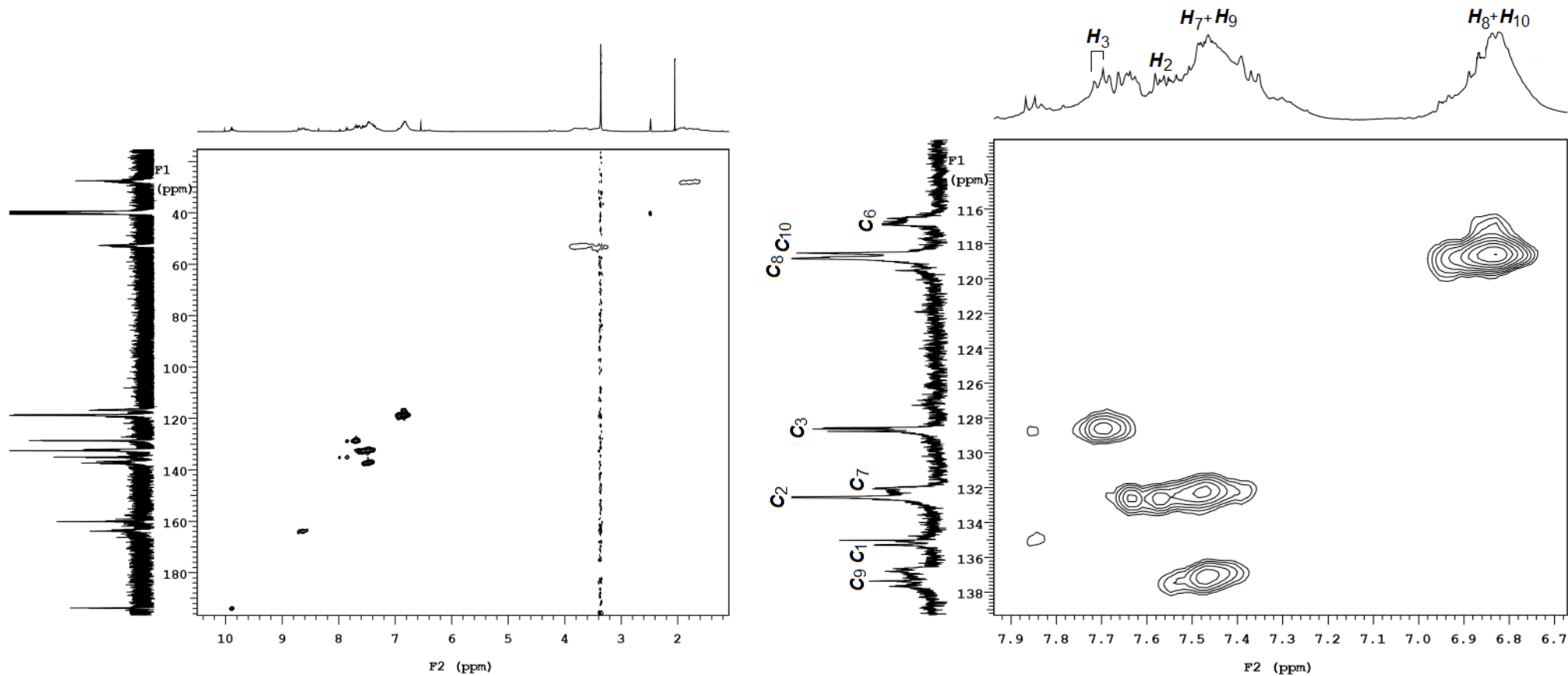


Fig. S58 HSQC spectrum of 3cII.