

Supplementary Material for:

**Electrocyclic Ring-opening of 6,6-Dichlorobicyclo[3.1.0]hexanes and
Trapping of the Resulting π -Allyl Cations by C-1 Tethered Hydroxyamine Derivatives: Formation of 2-Oxa-1-azaspiro[4.5]decan-3-ones**

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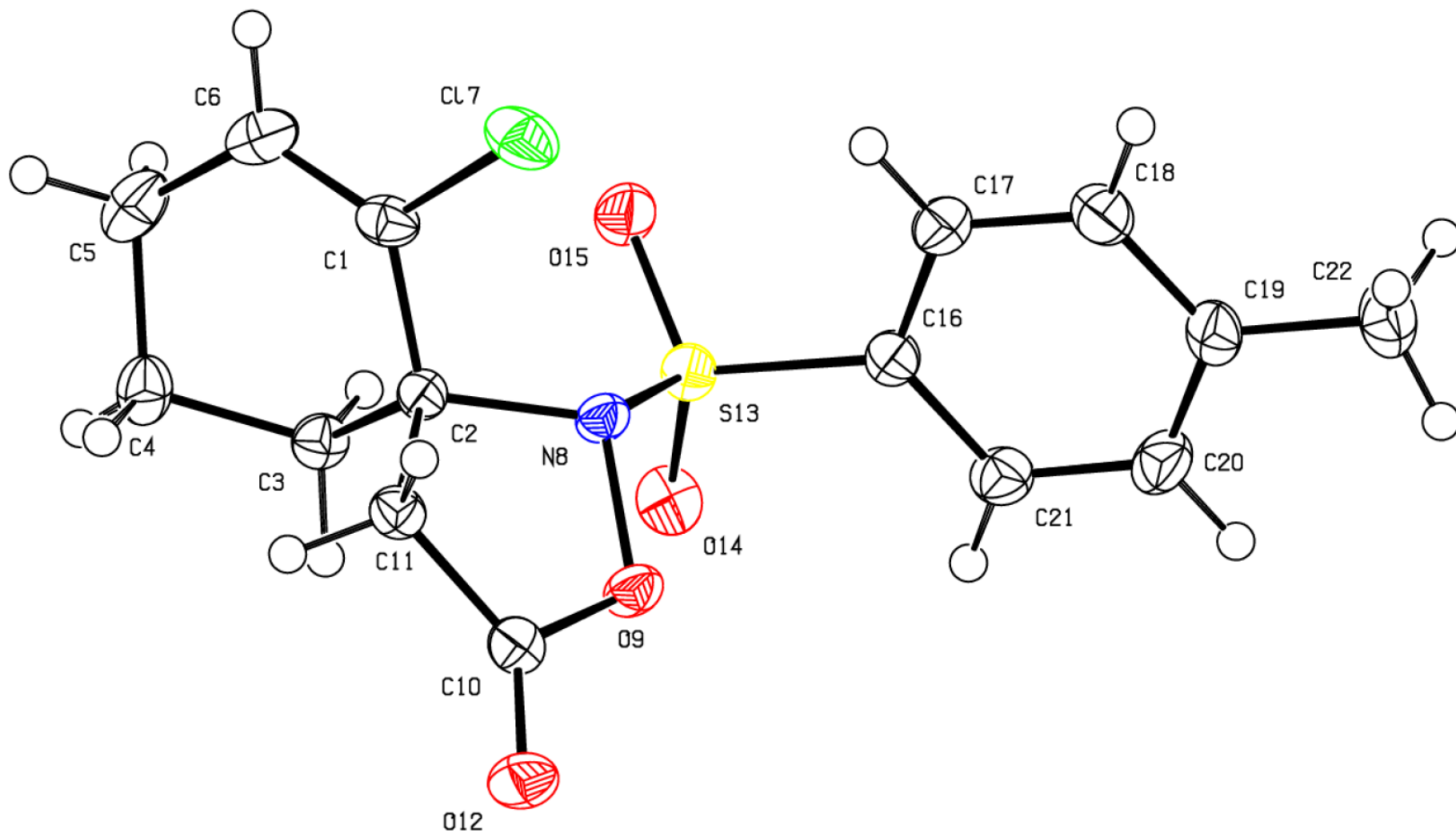


Figure S1: Structure of compound **3b** (CCDC 1885836) with labelling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.

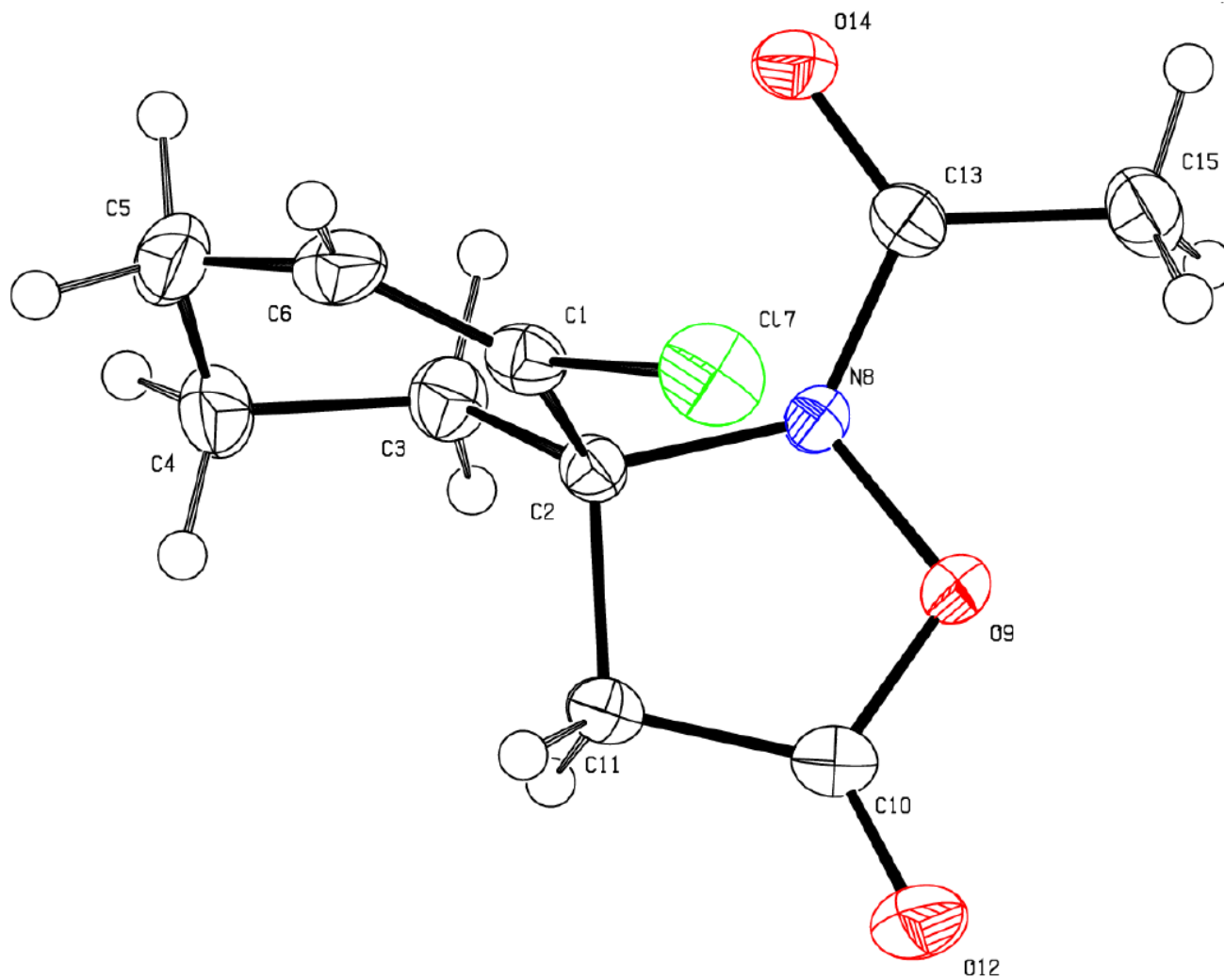


Figure S2: Structure of compound **3c** (CCDC 1885837) with labelling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.

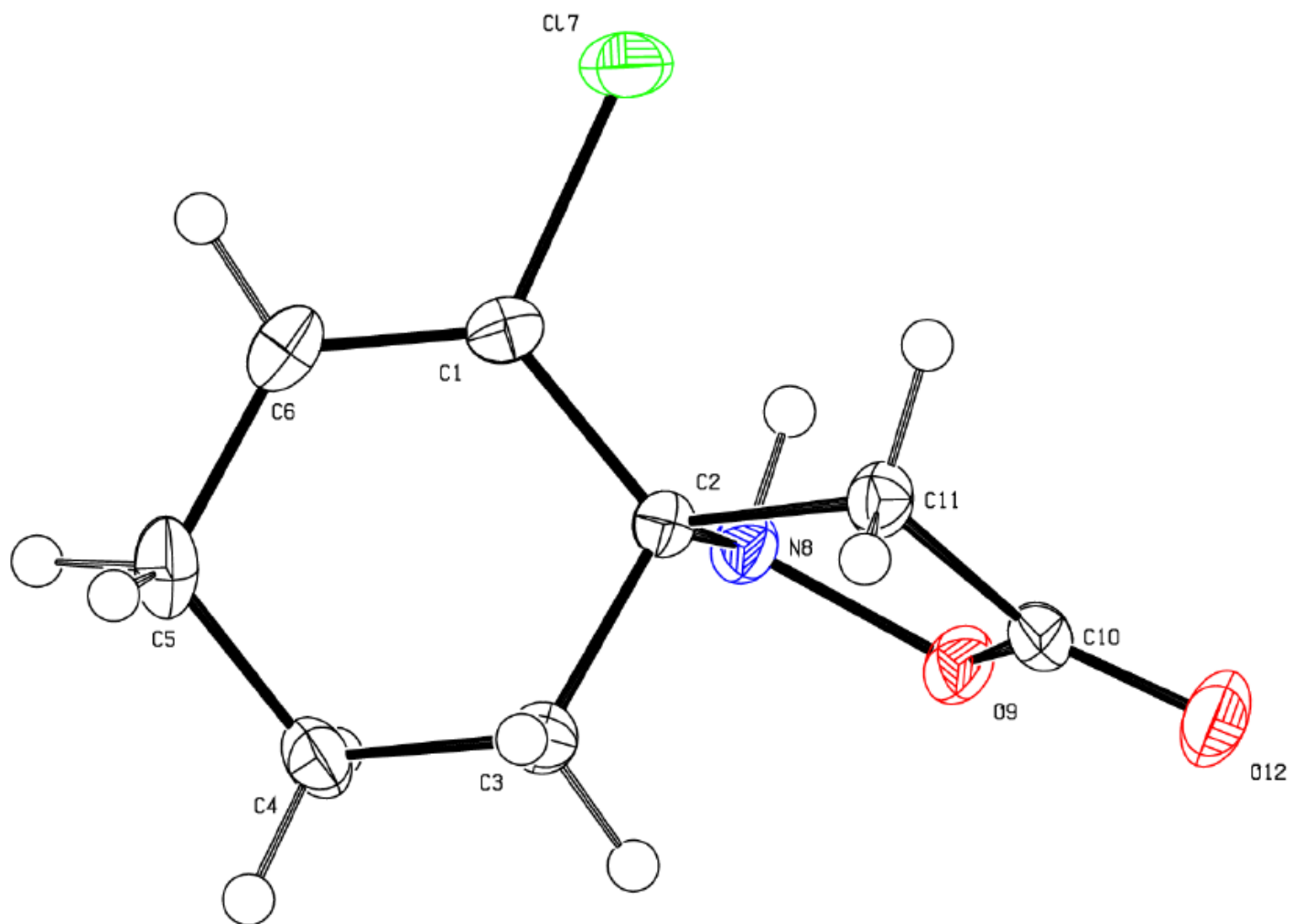
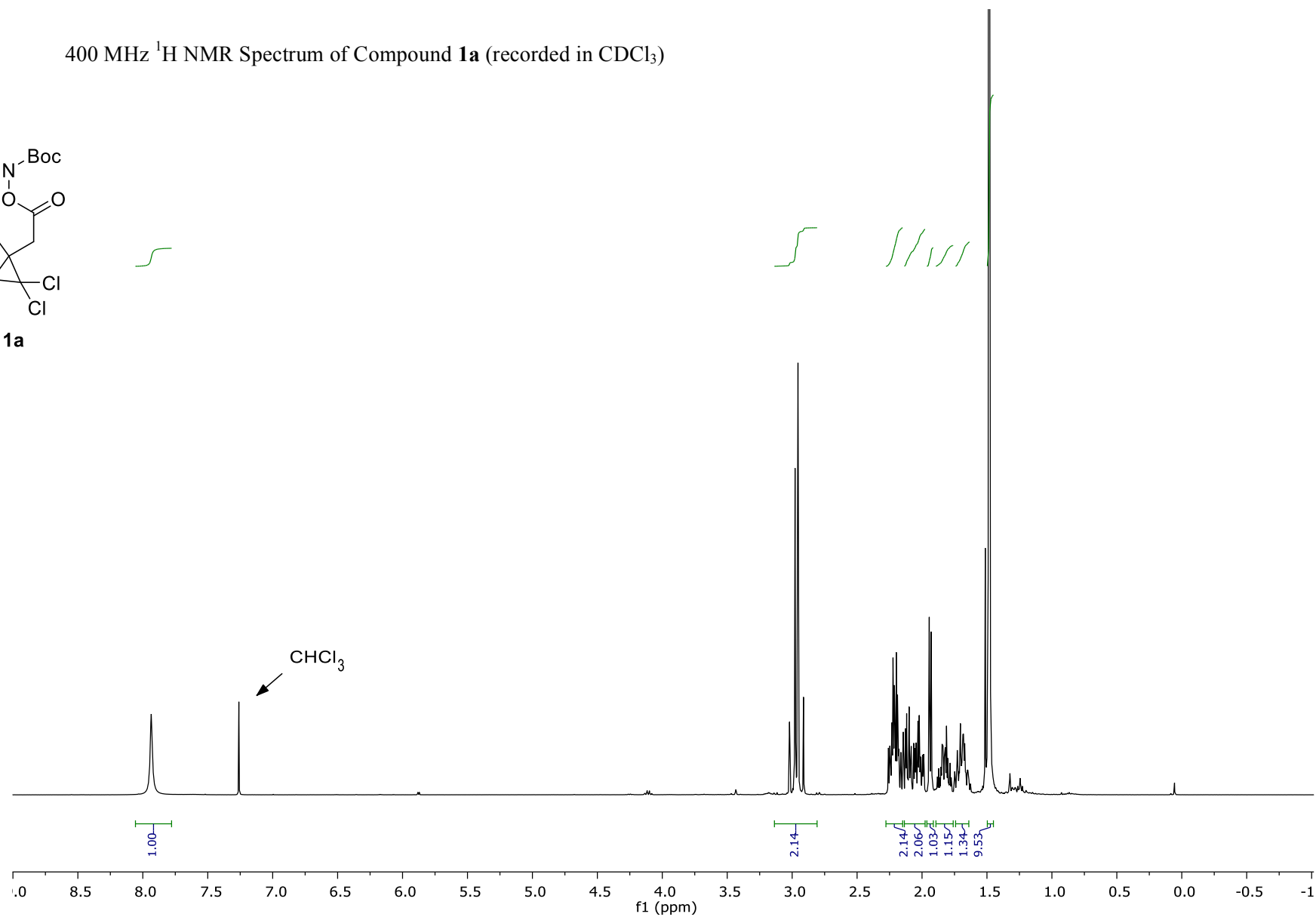
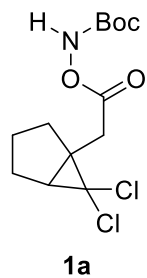
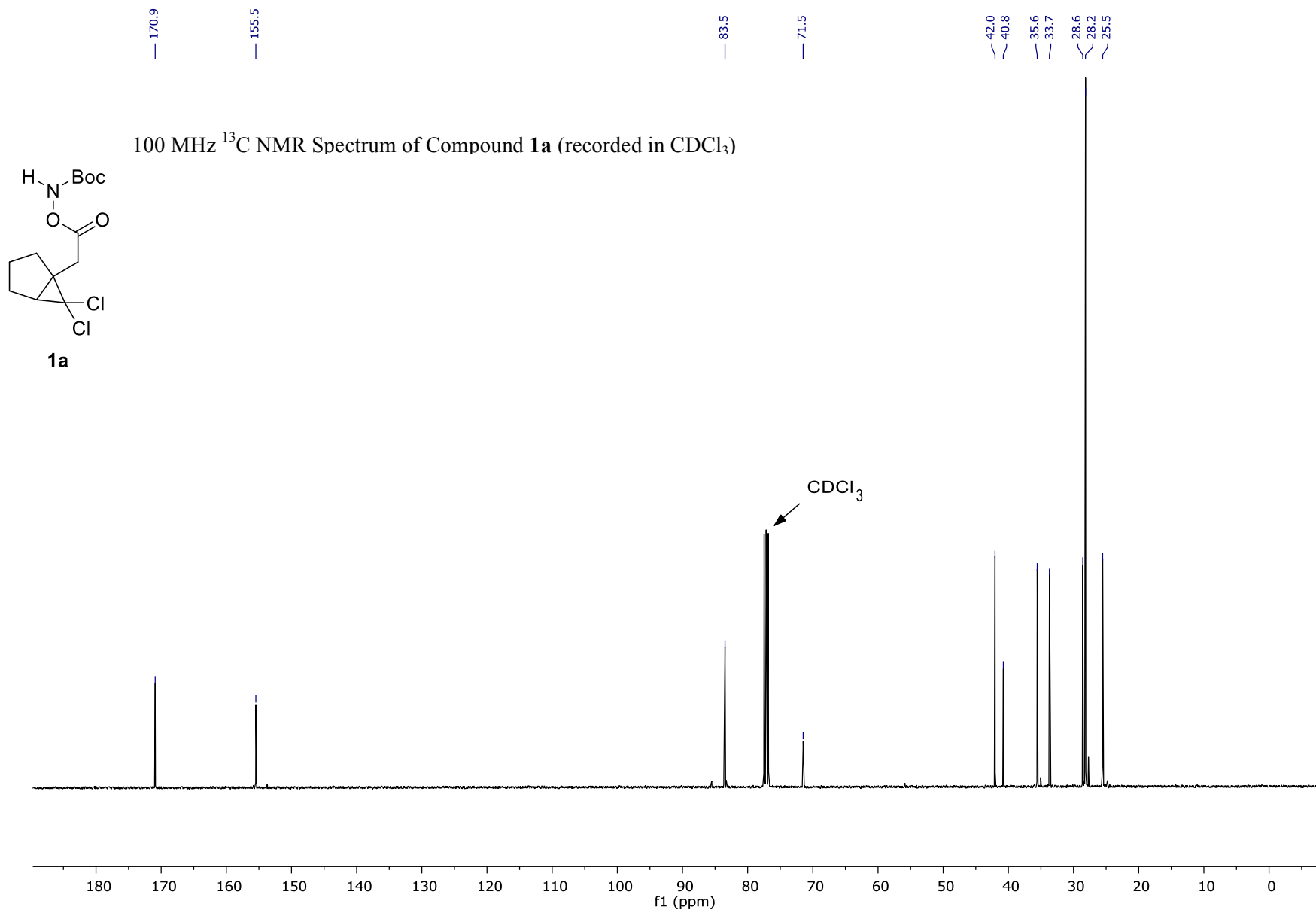


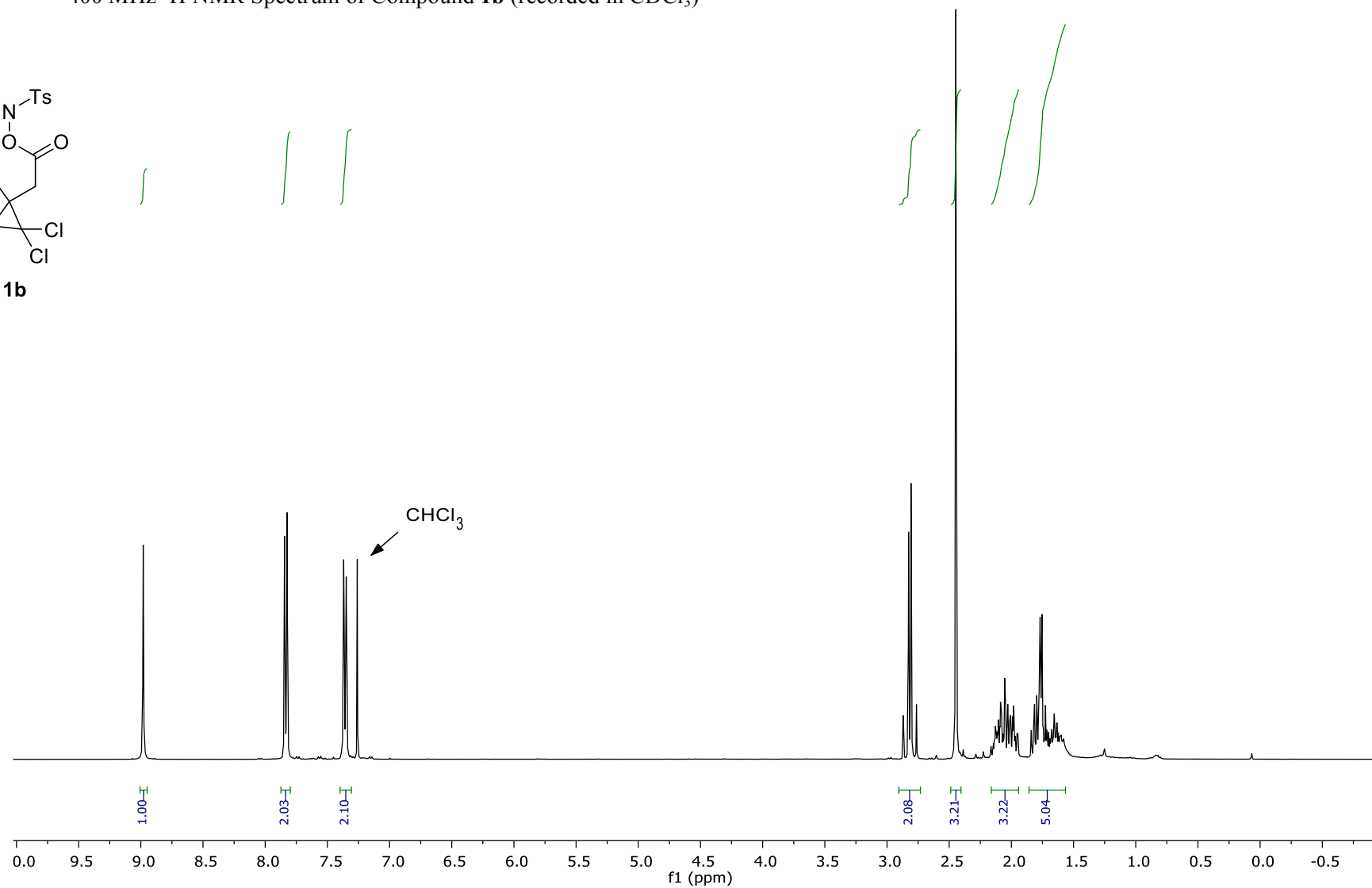
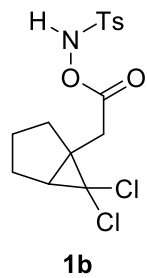
Figure S3: Structure of compound **3d** (CCDC 1885838) with labelling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.

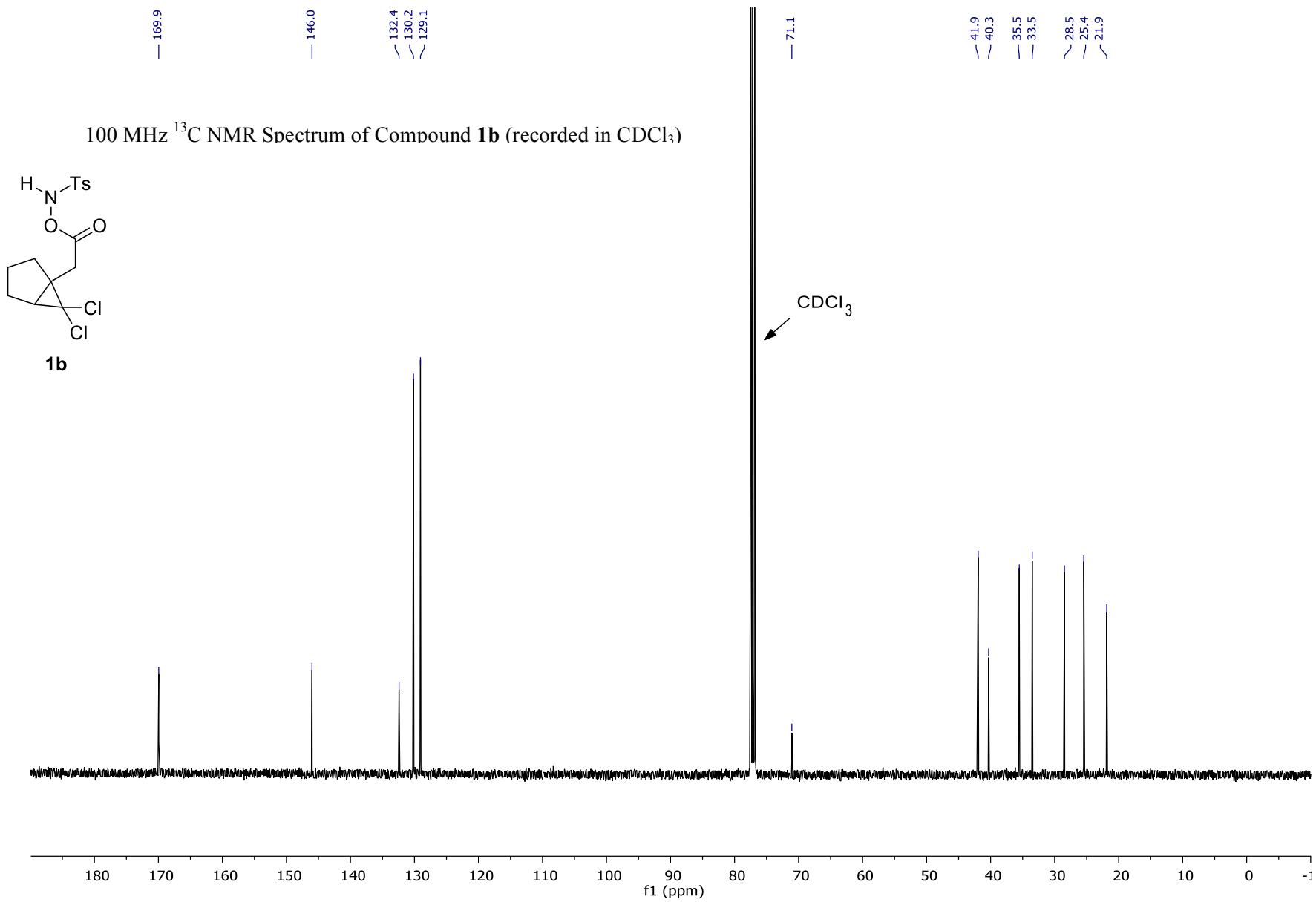
400 MHz ^1H NMR Spectrum of Compound **1a** (recorded in CDCl_3)



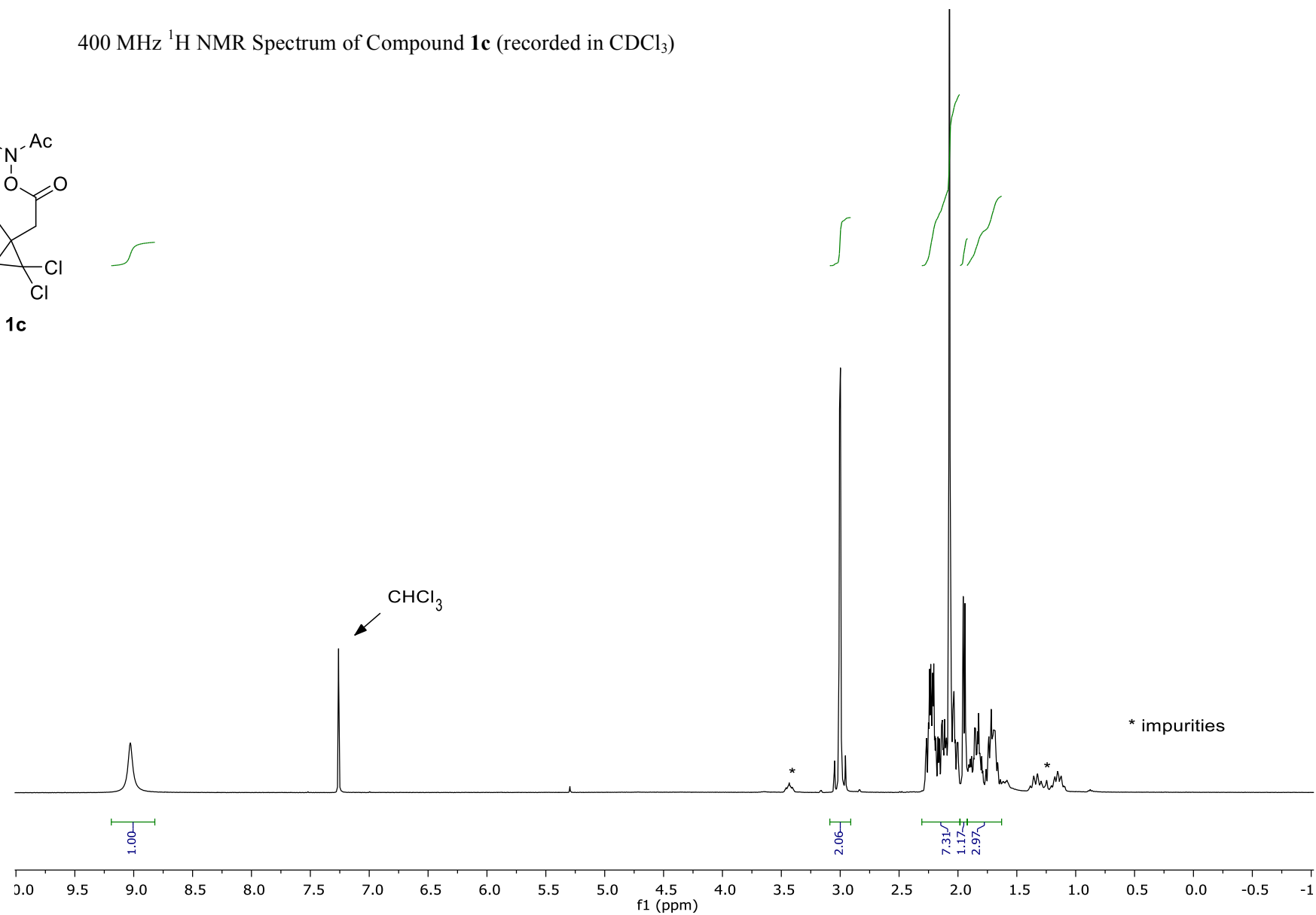
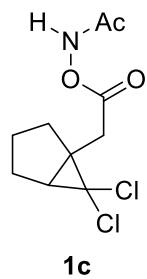


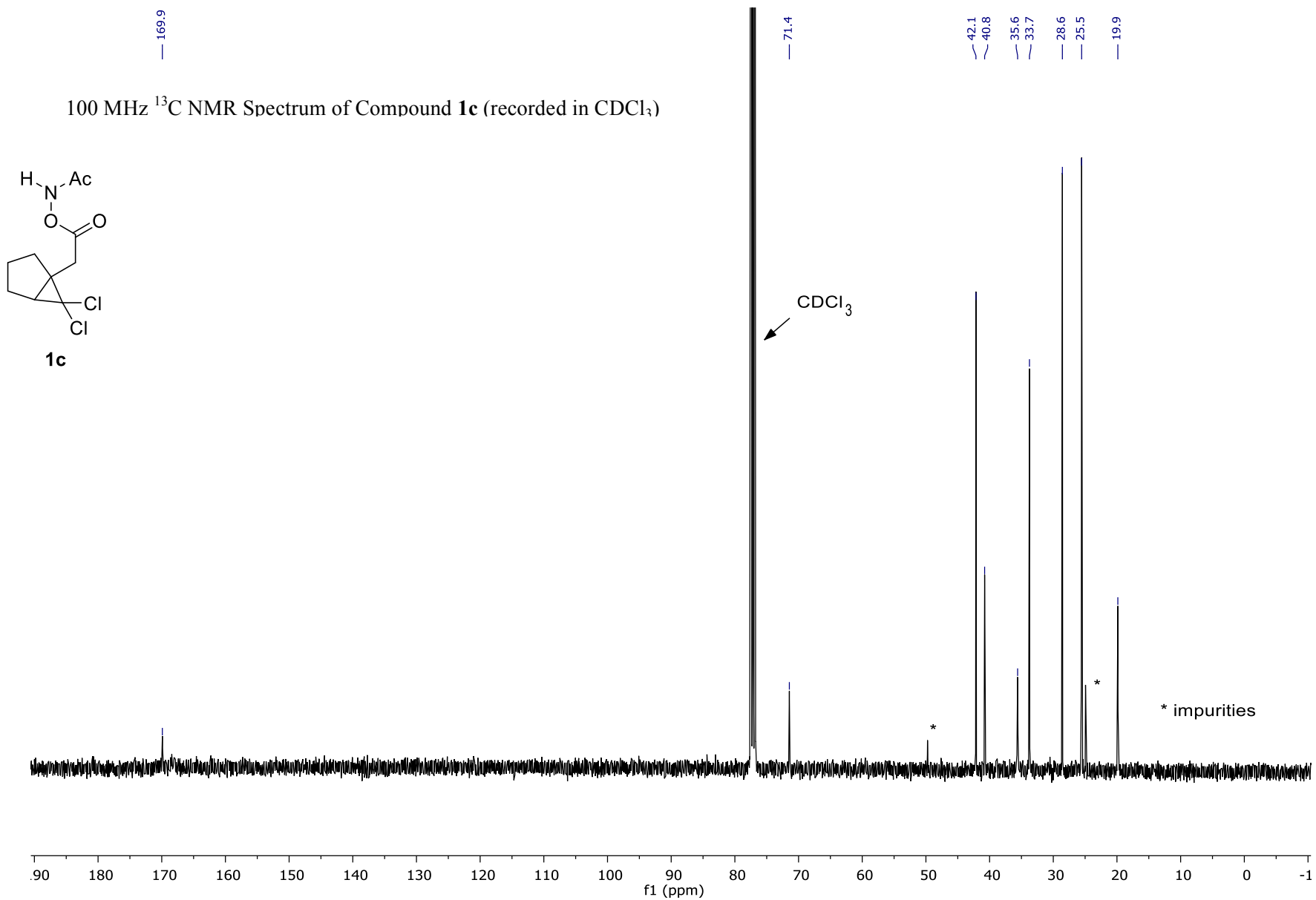
400 MHz ^1H NMR Spectrum of Compound **1b** (recorded in CDCl_3)



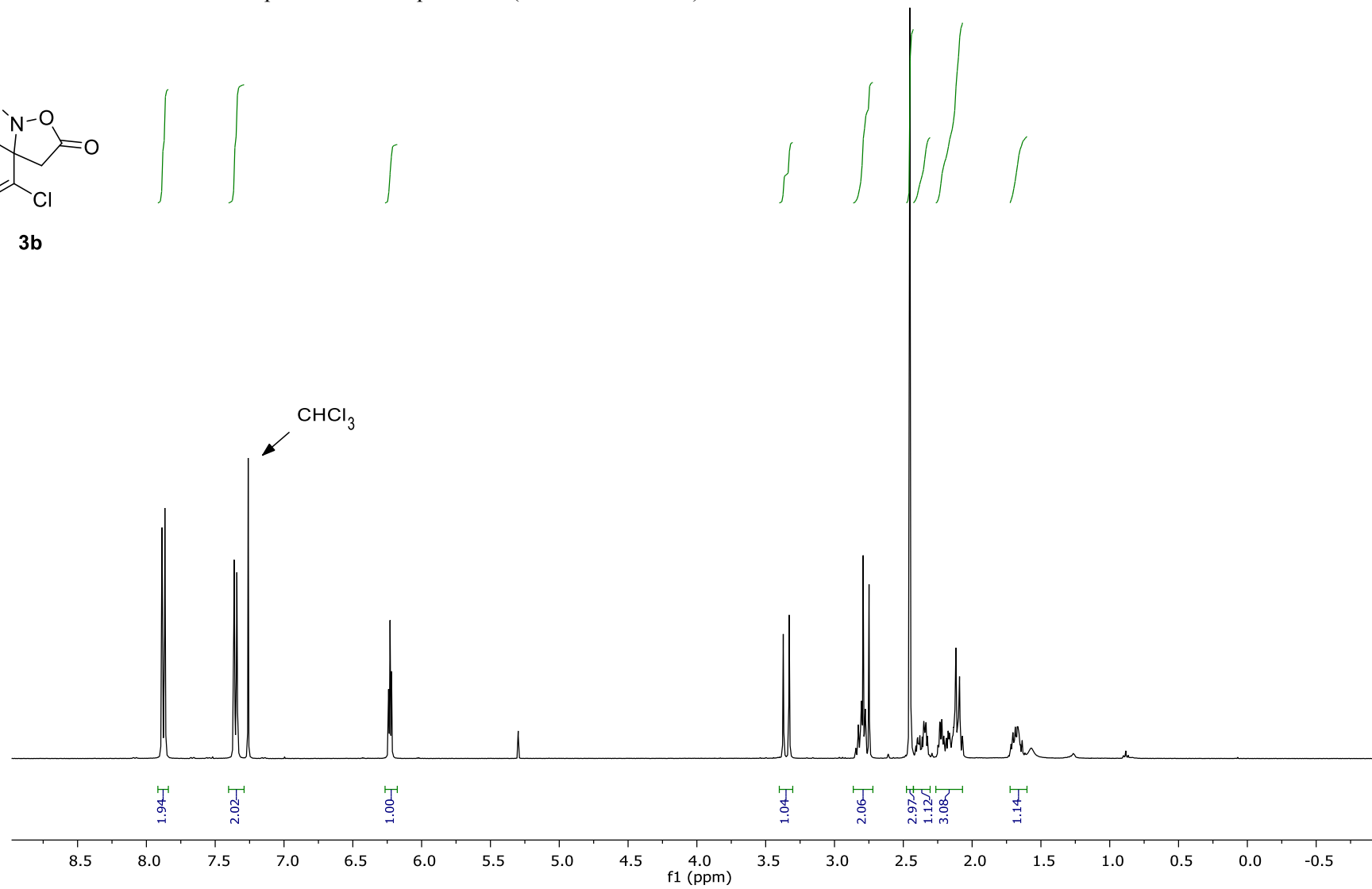
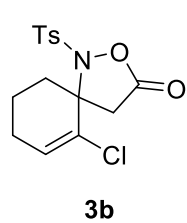


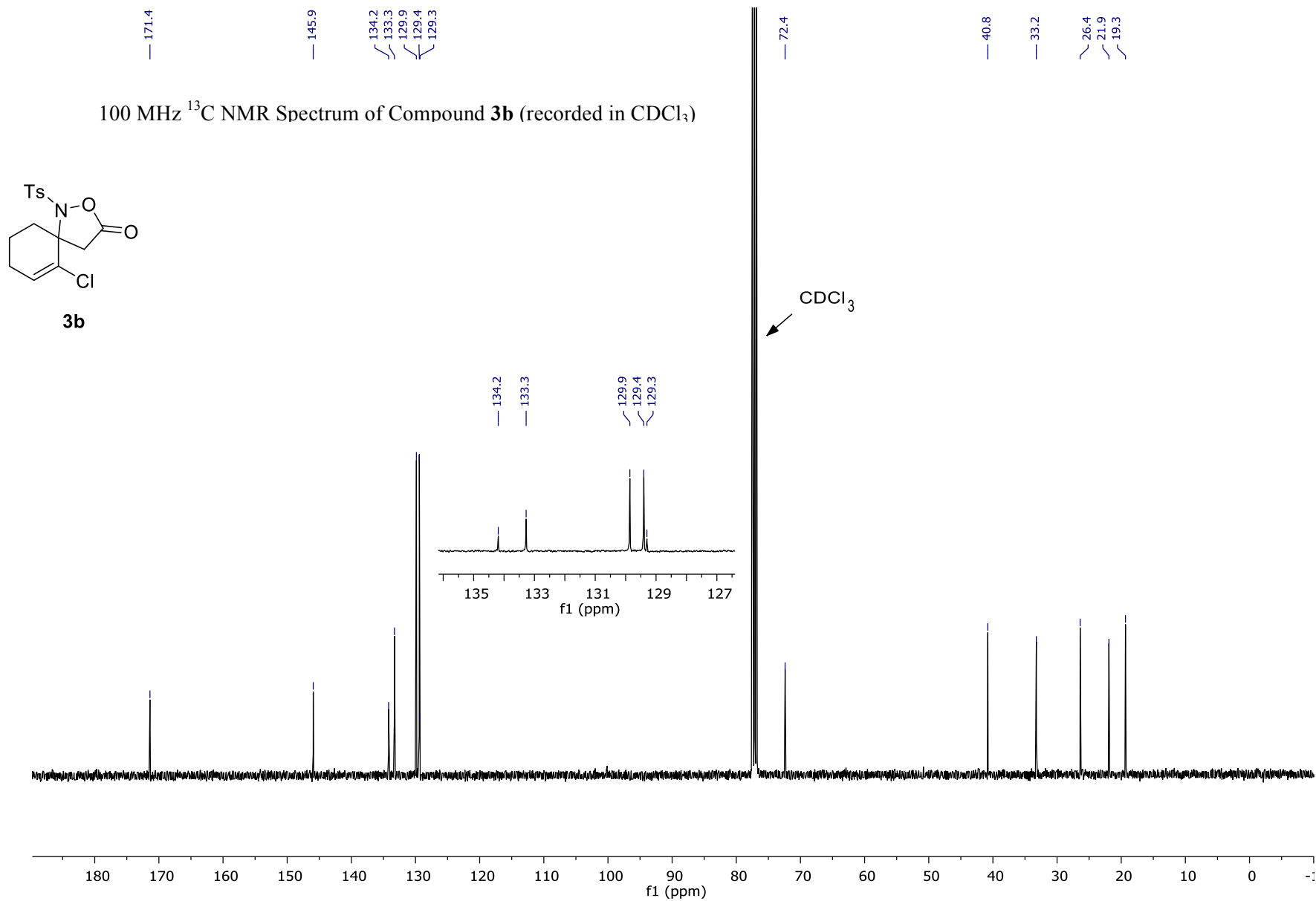
400 MHz ^1H NMR Spectrum of Compound **1c** (recorded in CDCl_3)



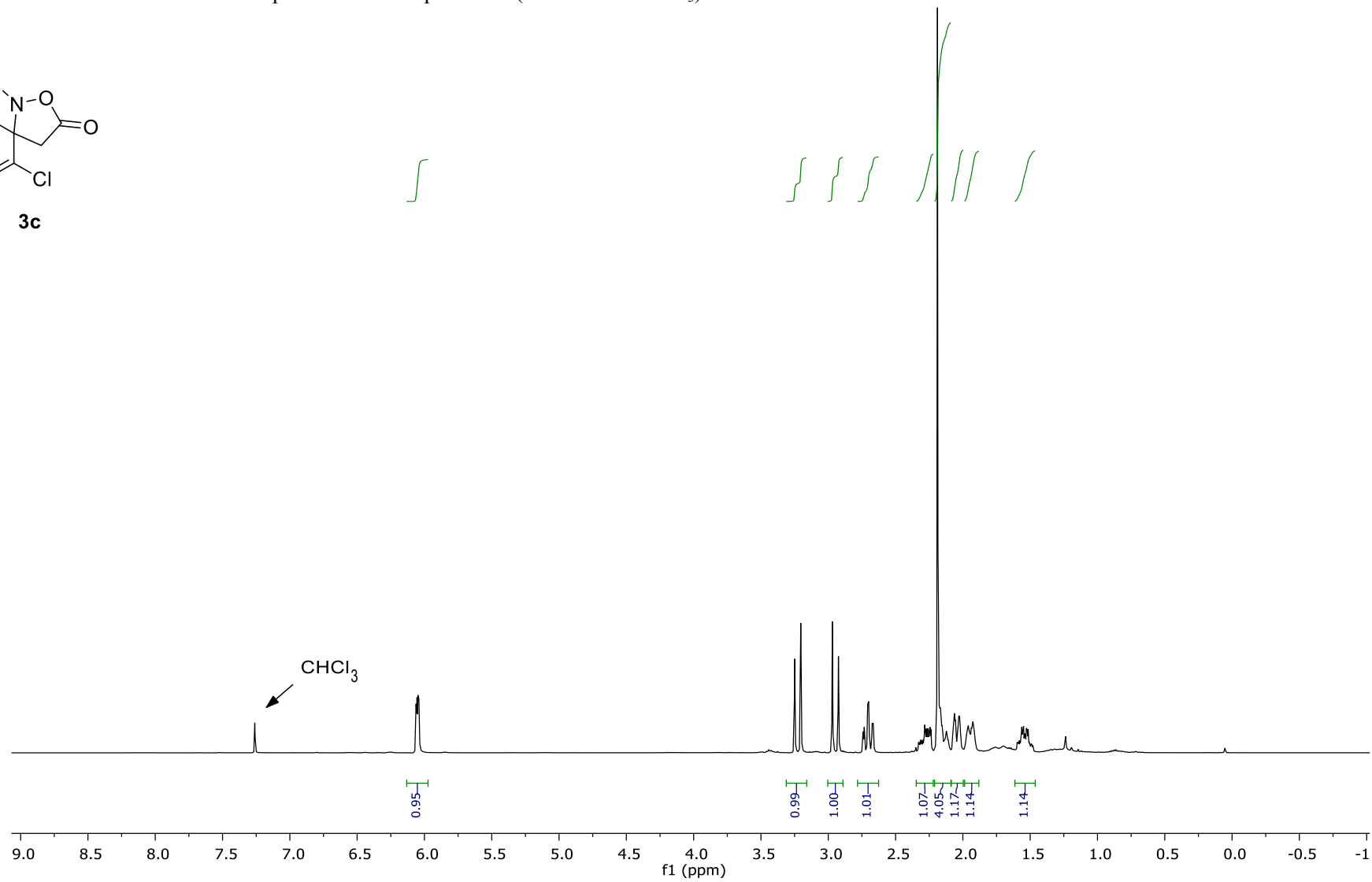
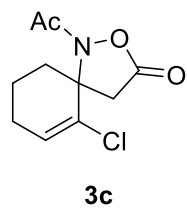


400 MHz ^1H NMR Spectrum of Compound **3b** (recorded in CDCl_3)





400 MHz ^1H NMR Spectrum of Compound **3c** (recorded in CDCl_3)



169.7
168.4

130.4
130.4

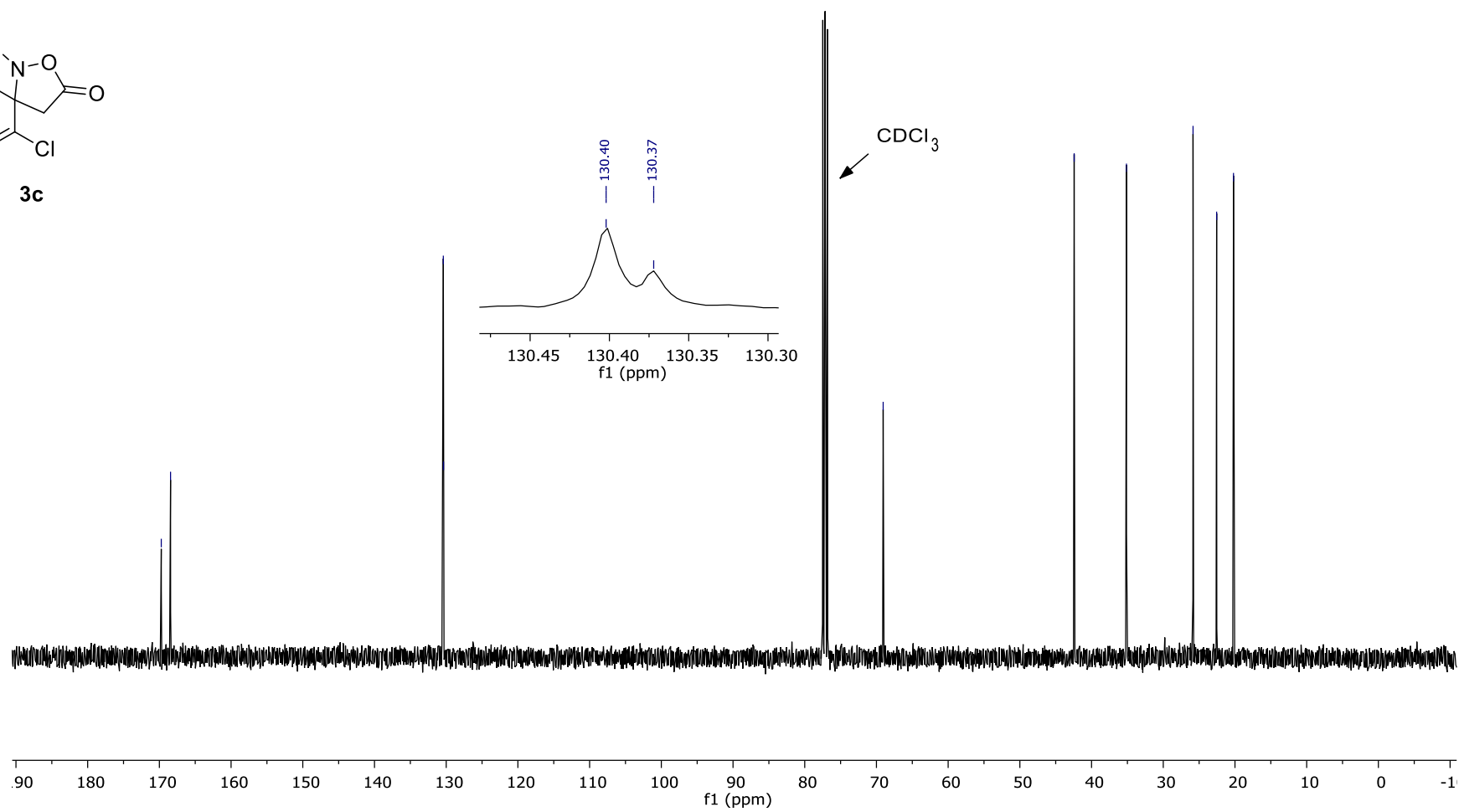
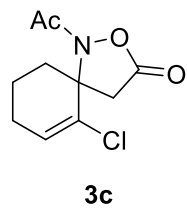
69.1

42.4

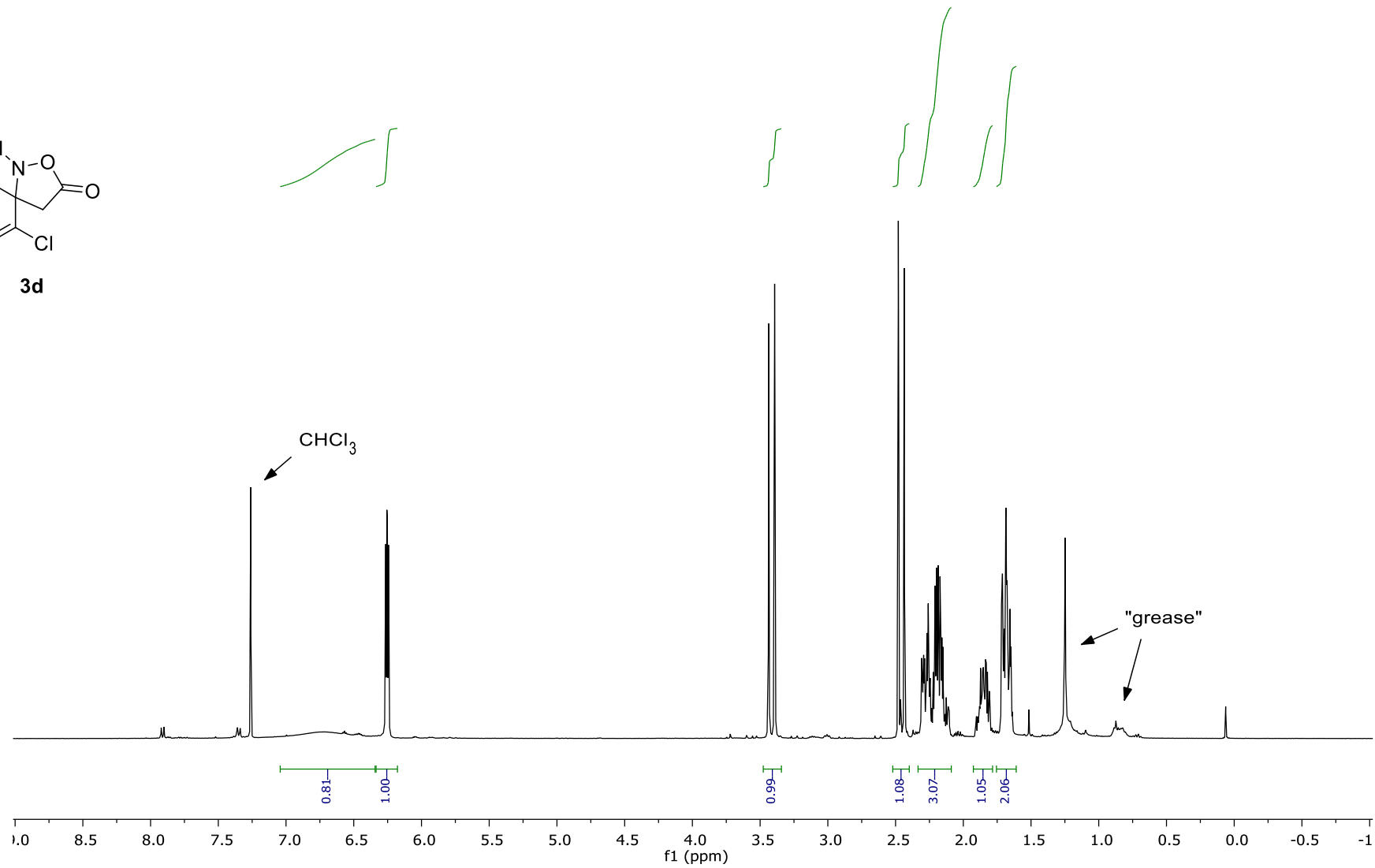
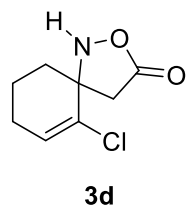
35.1

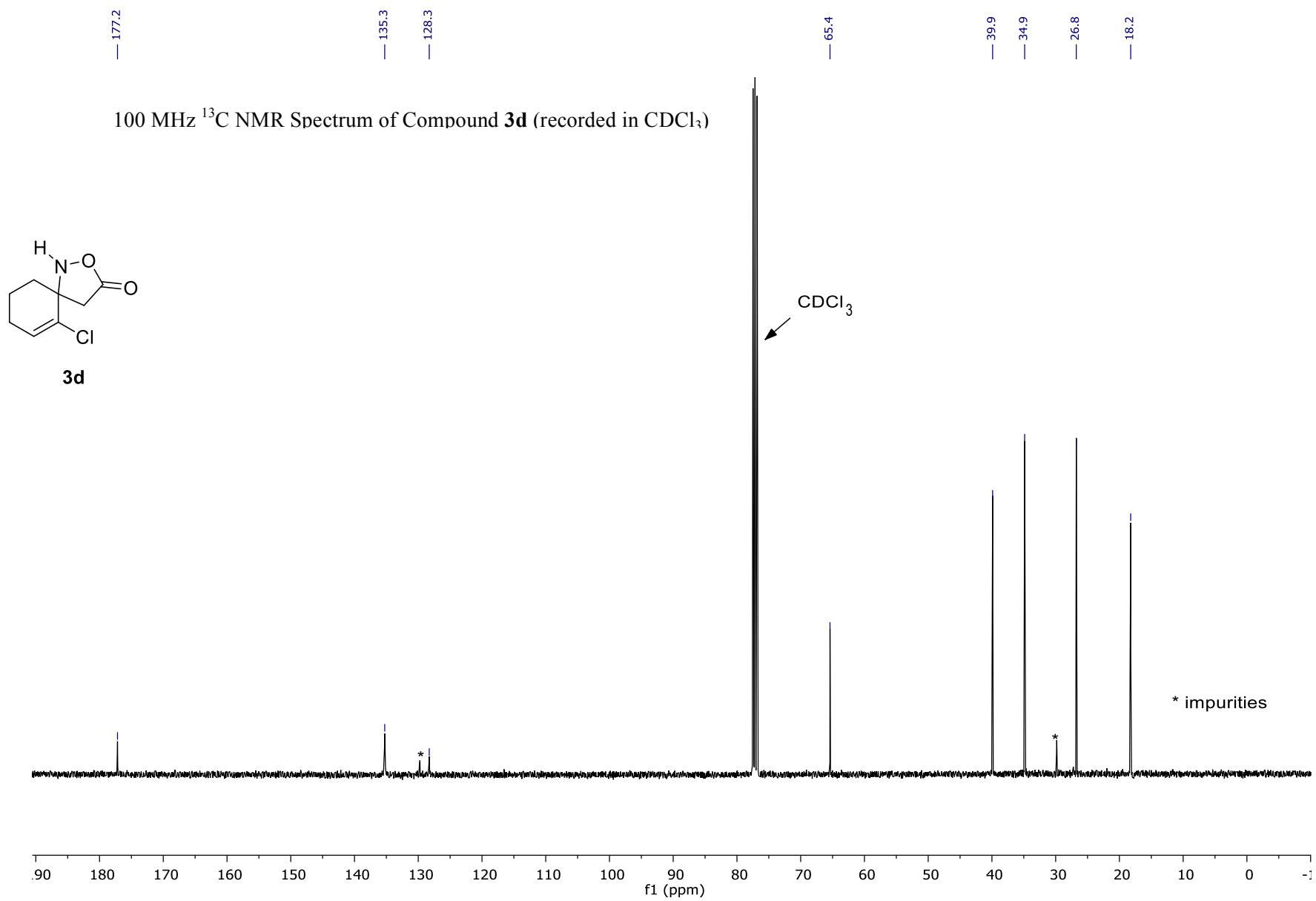
25.8
22.6
20.2

100 MHz ^{13}C NMR Spectrum of Compound **3c** (recorded in CDCl_3)



400 MHz ^1H NMR Spectrum of Compound **3d** (recorded in CDCl_3)





400 MHz ^1H NMR Spectrum of Compound **10** (recorded in CDCl_3)

