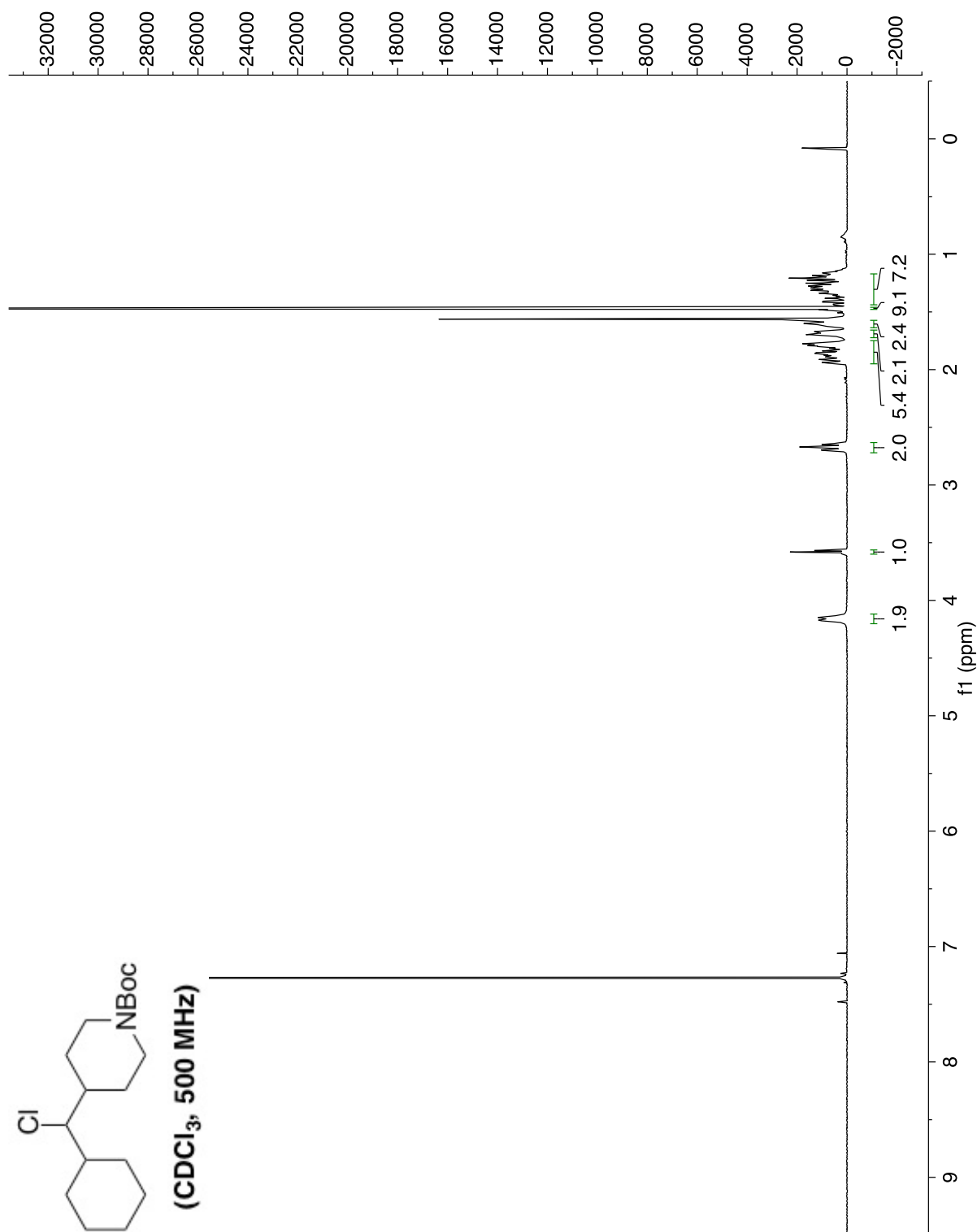
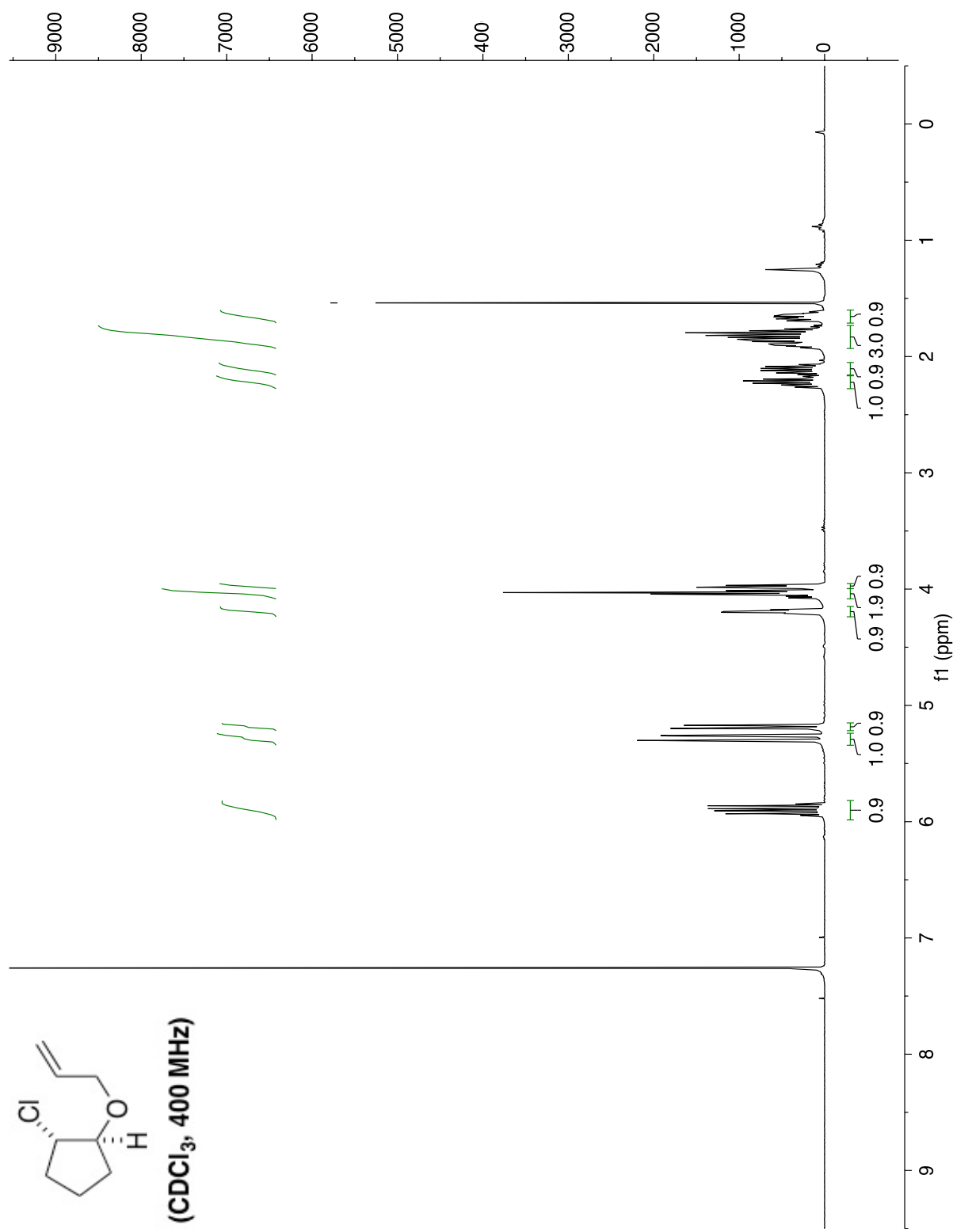


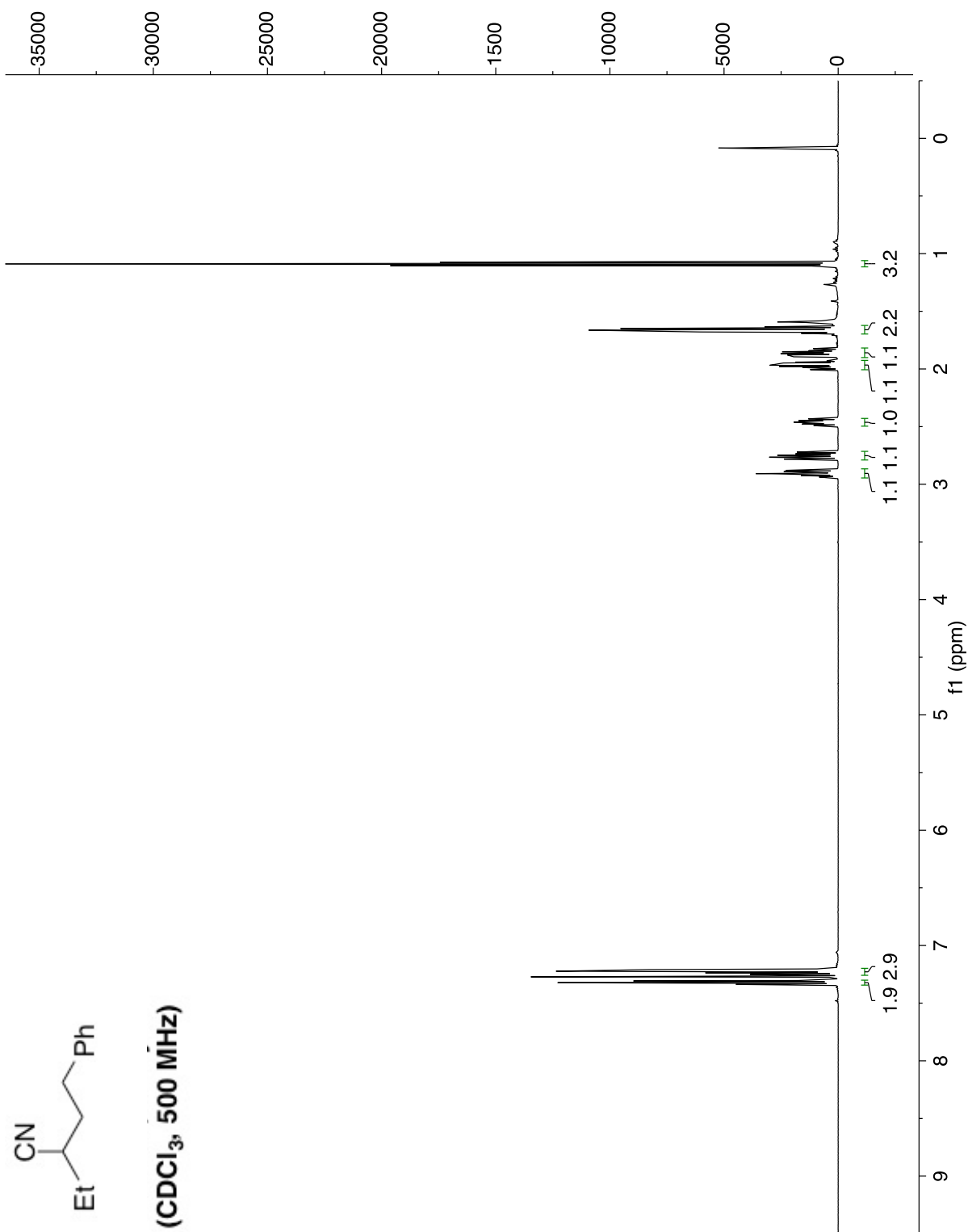
APPENDIX 2

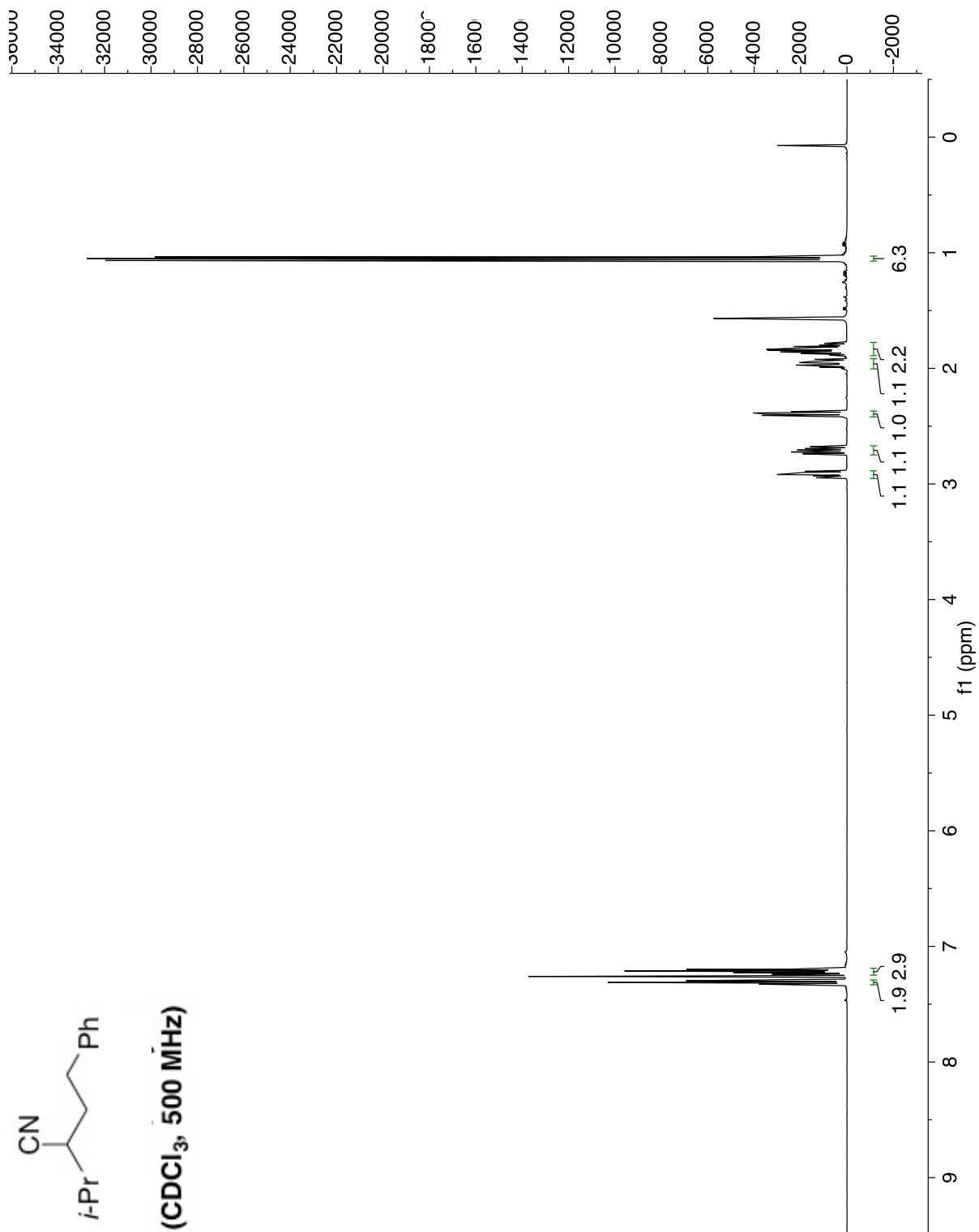
Spectra Relevant to Chapter 2:

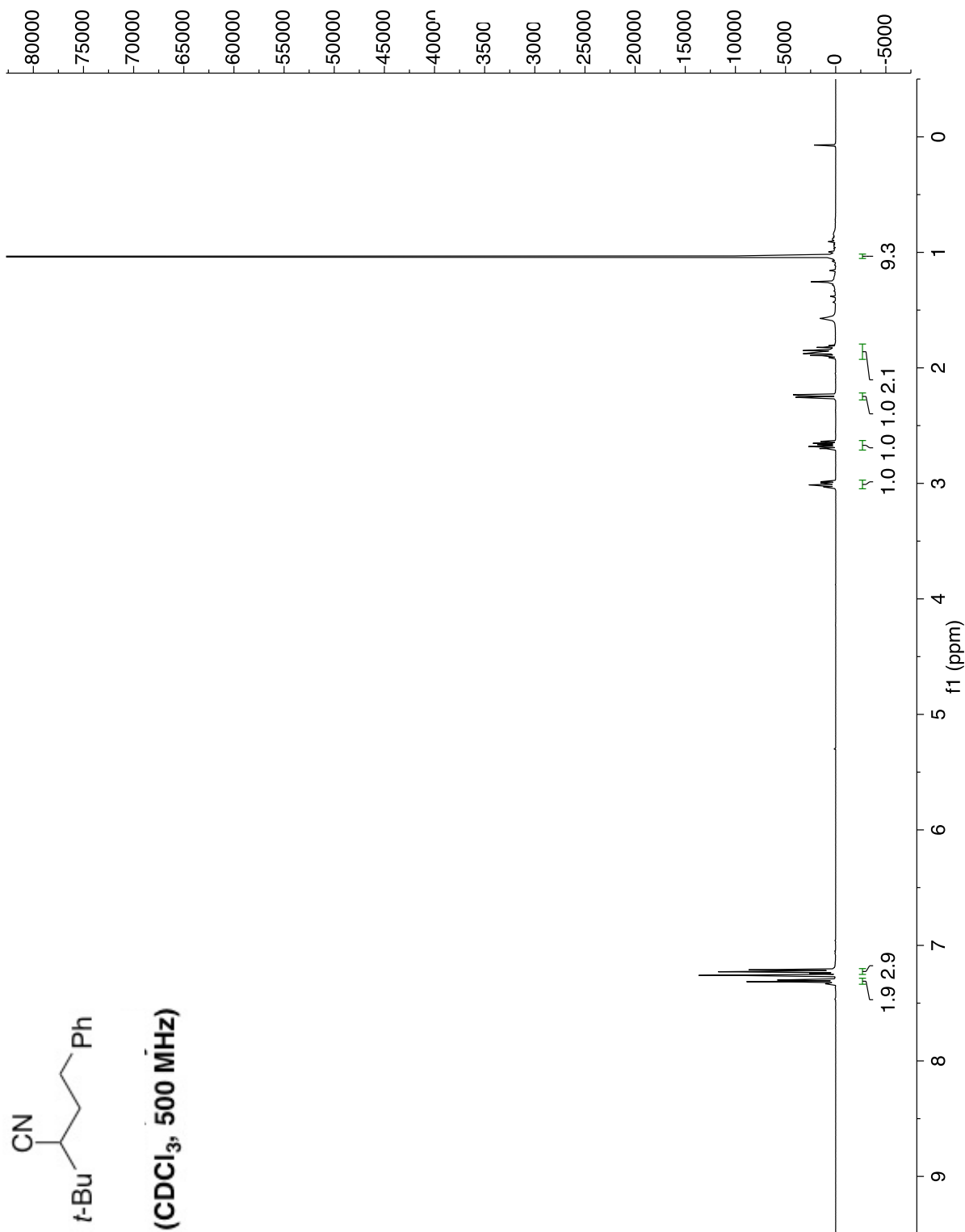
Photoinduced, Copper-Catalyzed Carbon–Carbon Bond Formation: Cyanation of Unactivated Secondary Alkyl Chlorides at Room Temperature

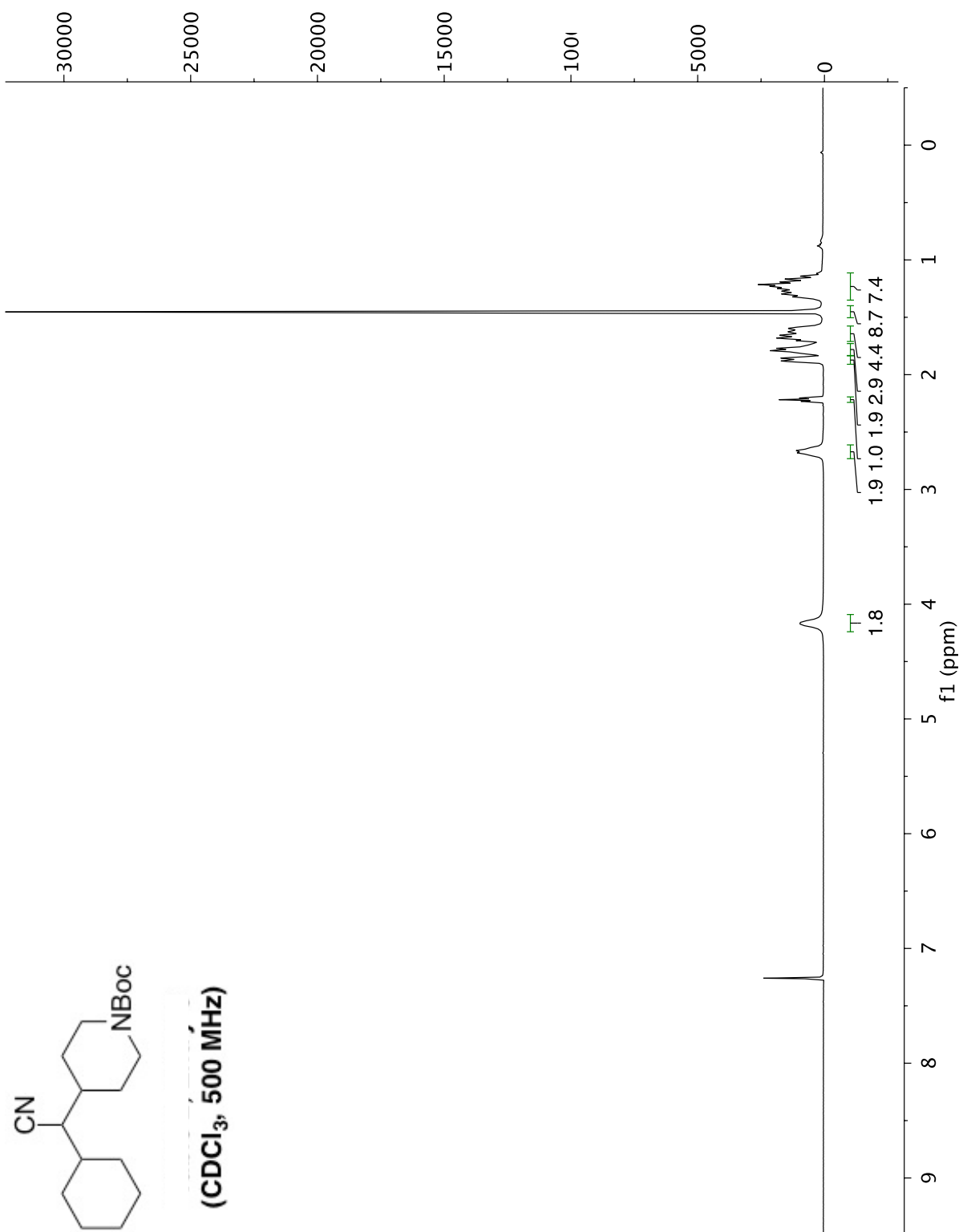
Figure A2.1. $^1\text{H NMR}$ (500 MHz, CDCl_3) of compound **27d**.

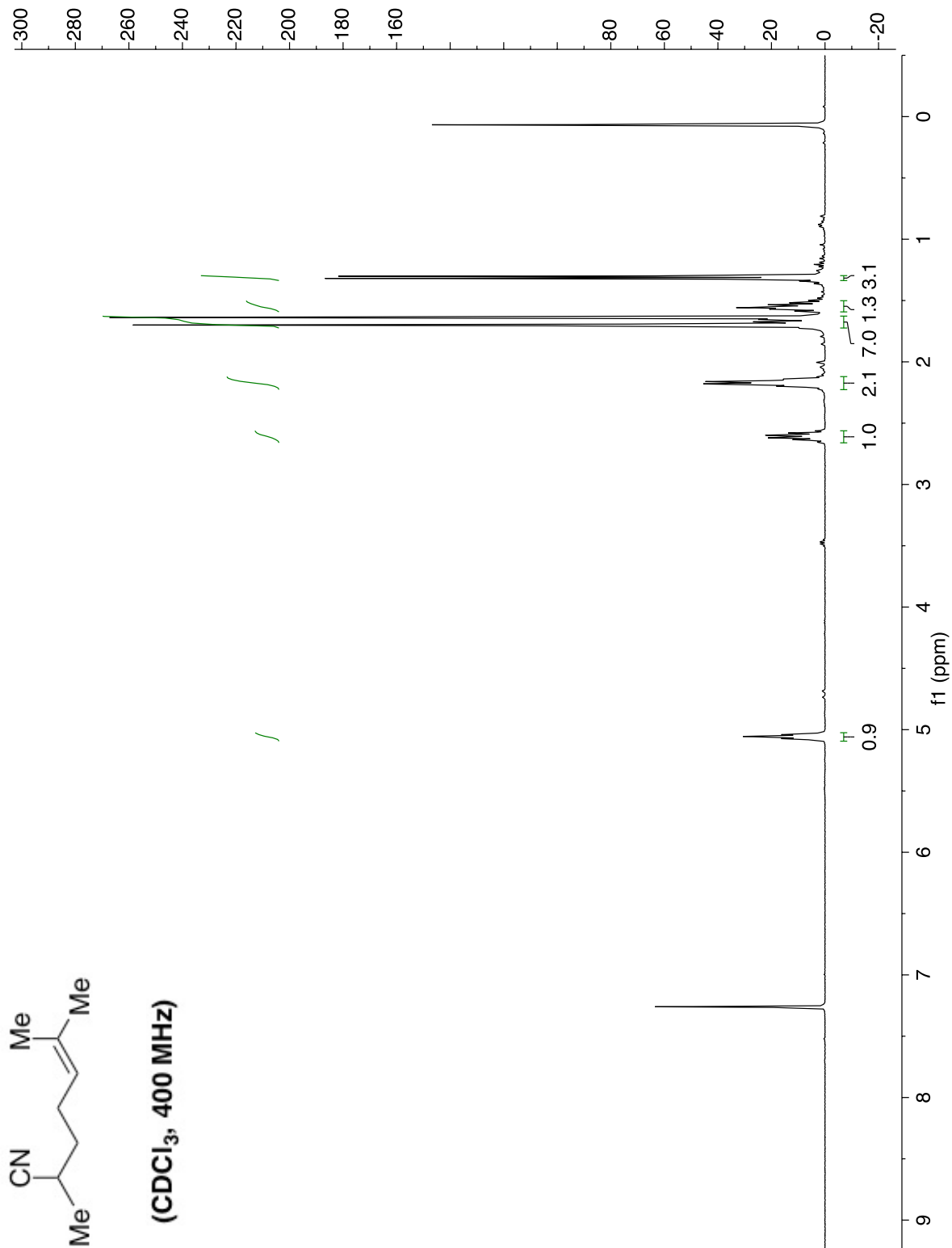
Figure A2.2. ¹H NMR (500 MHz, CDCl₃) of compound 27n.

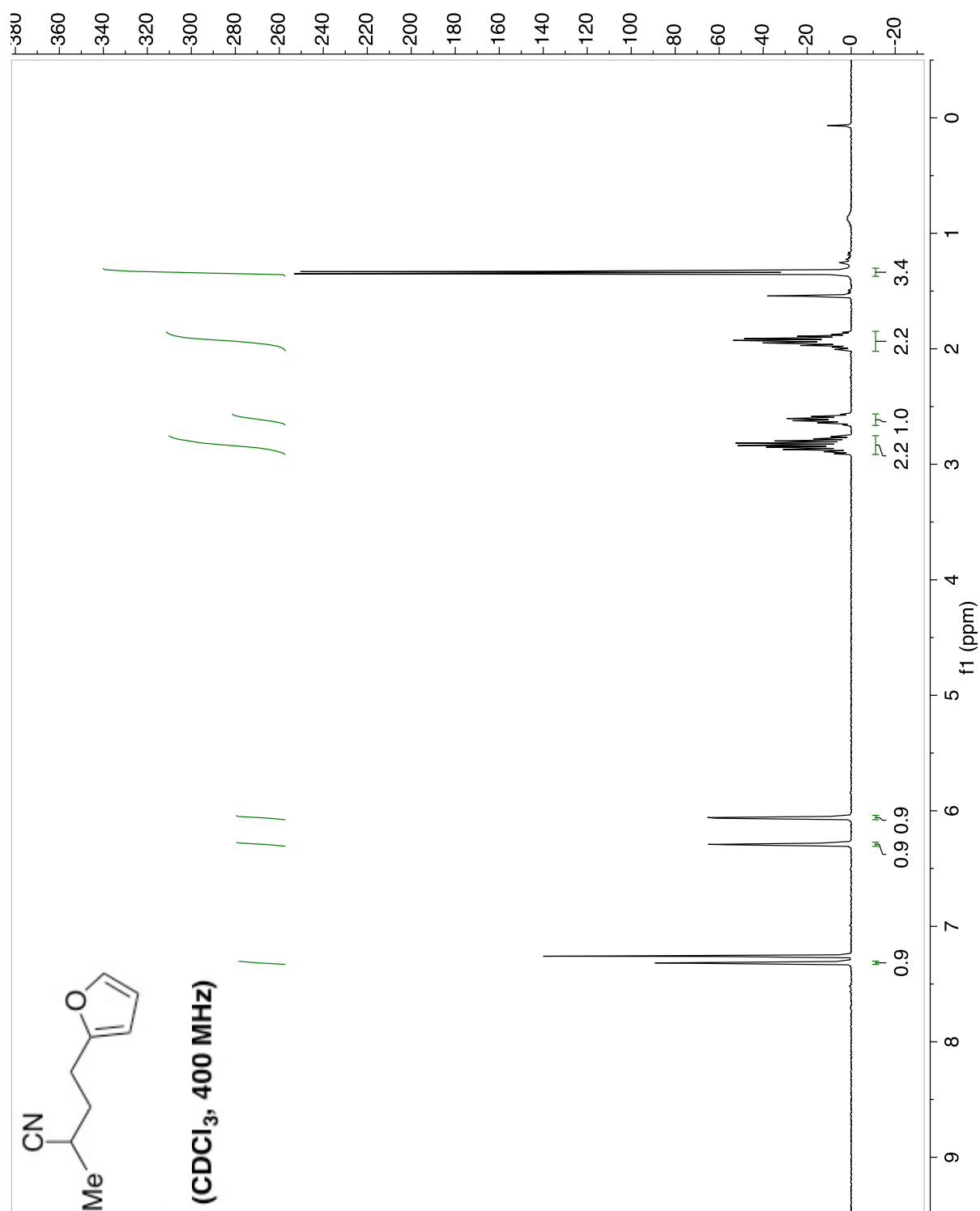
Figure A2.3. ^1H NMR (500 MHz, CDCl_3) of compound 40a.

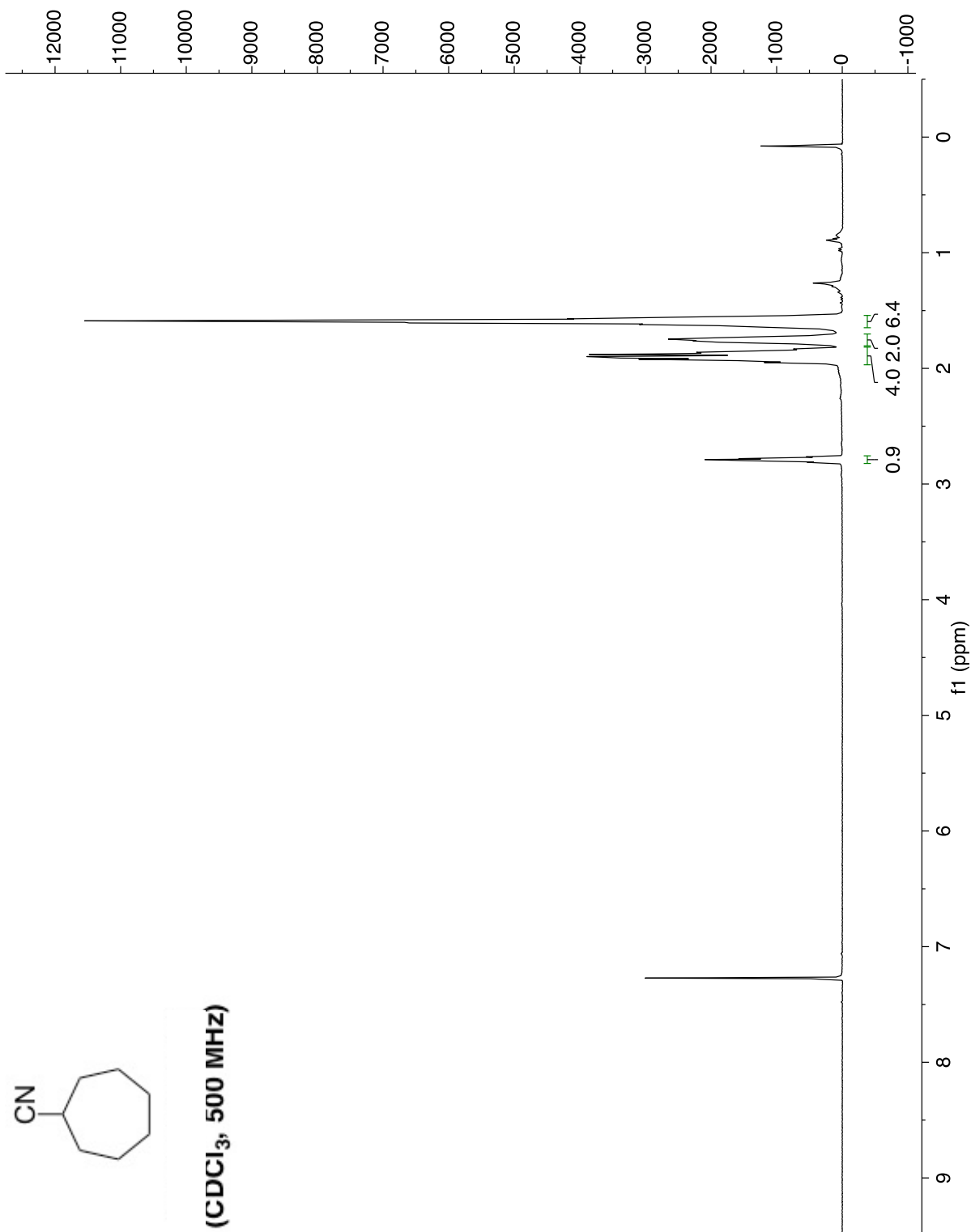
Figure A2.4. ¹H NMR (500 MHz, CDCl₃) of compound 40b.

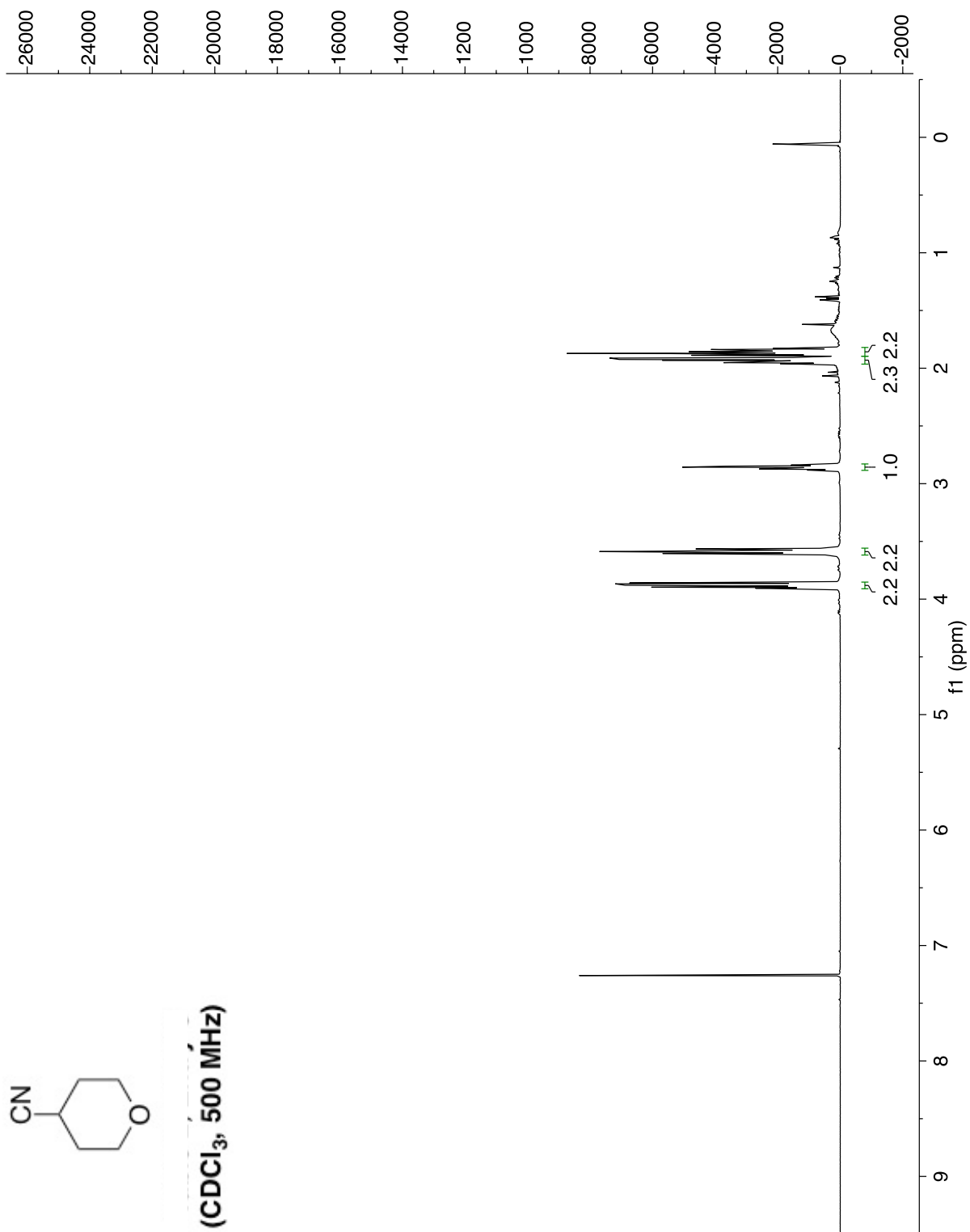
Figure A2.5. ¹H NMR (500 MHz, CDCl₃) of compound **40c**.

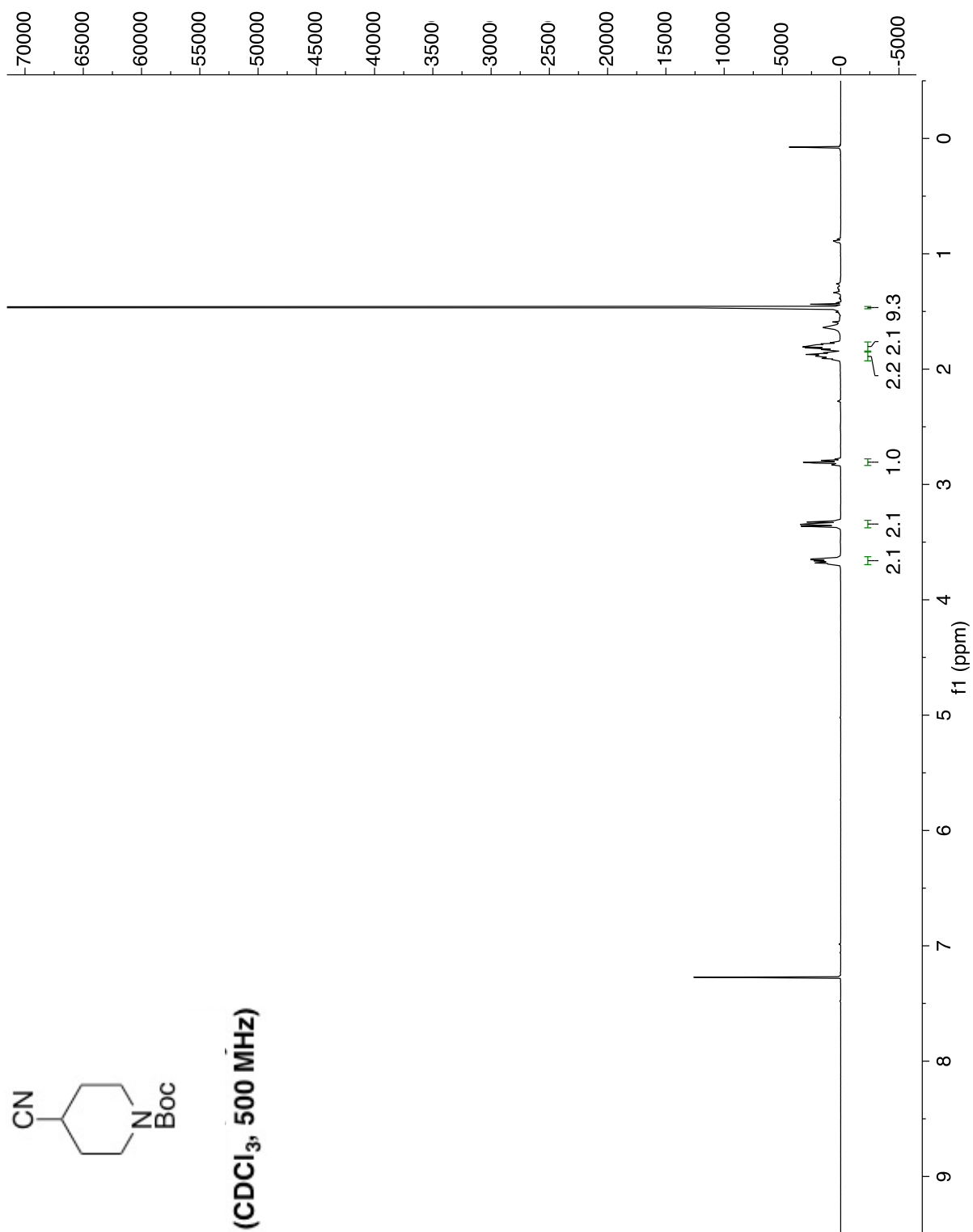
Figure A2.6. ¹H NMR (500 MHz, CDCl₃) of compound **40d**.

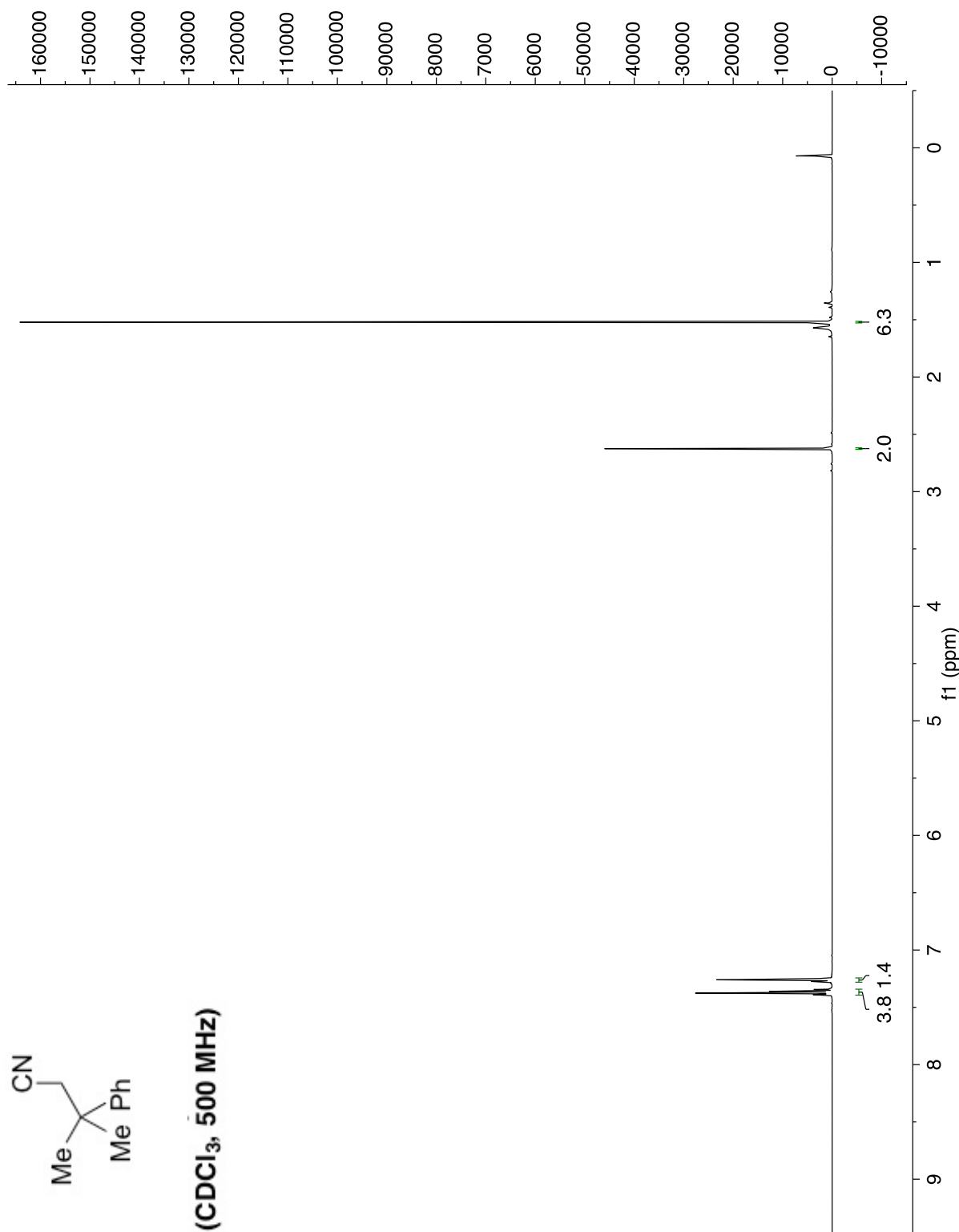
Figure A2.7. ¹H NMR (500 MHz, CDCl₃) of compound **40c**.

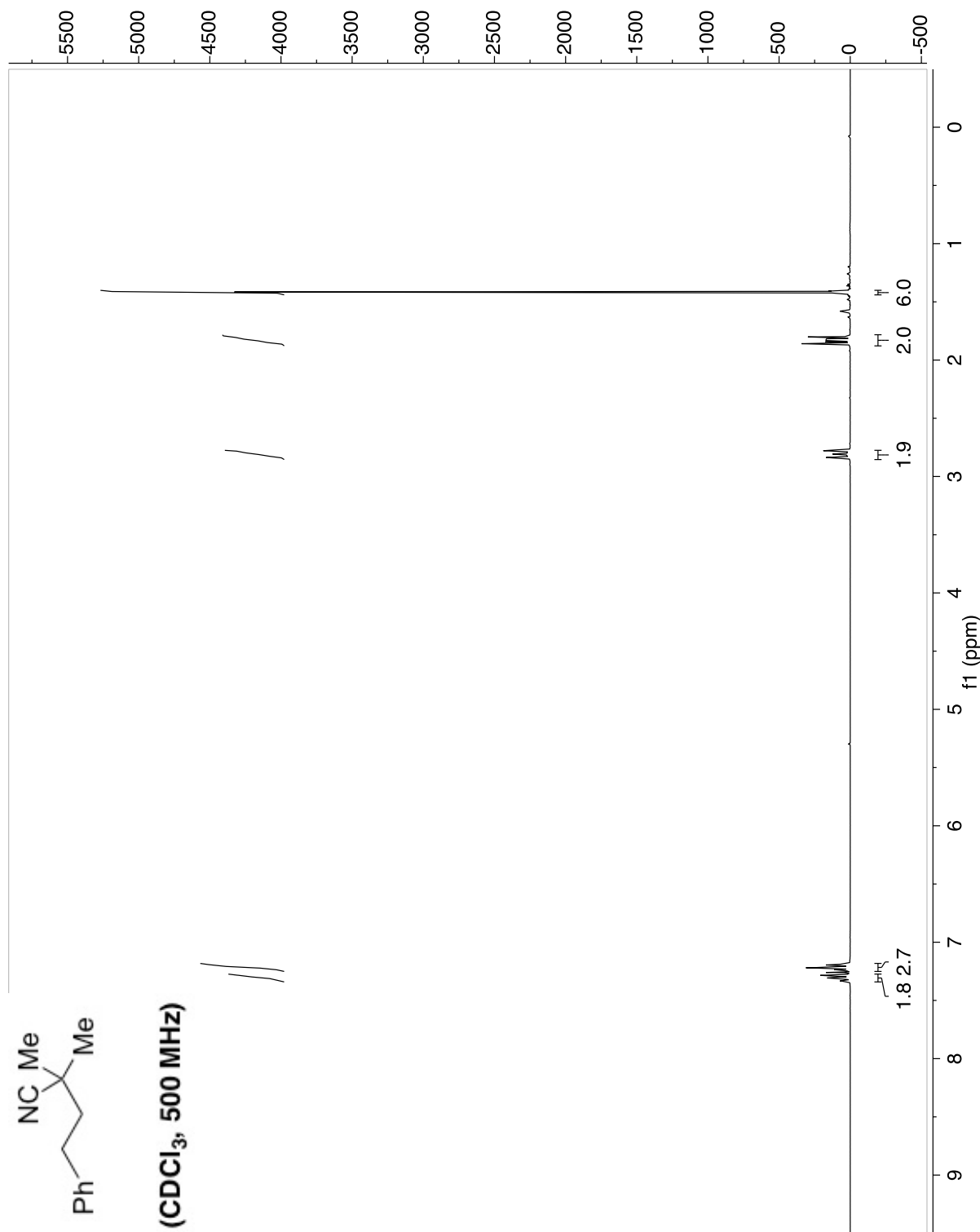
Figure A2.8. ¹H NMR (400 MHz, CDCl₃) of compound **40f**.

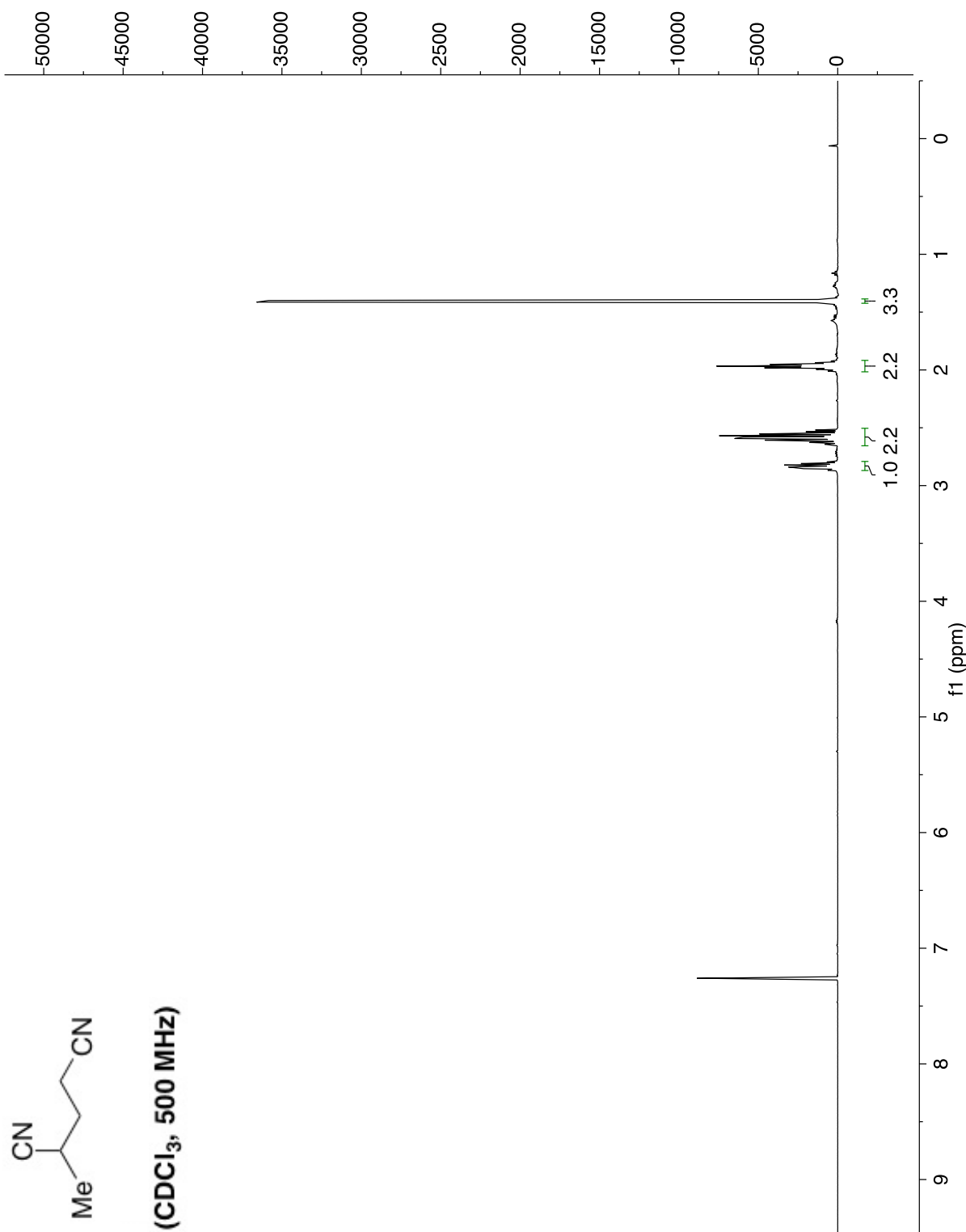
Figure A2.9. ¹H NMR (500 MHz, CDCl₃) of compound **40g**.

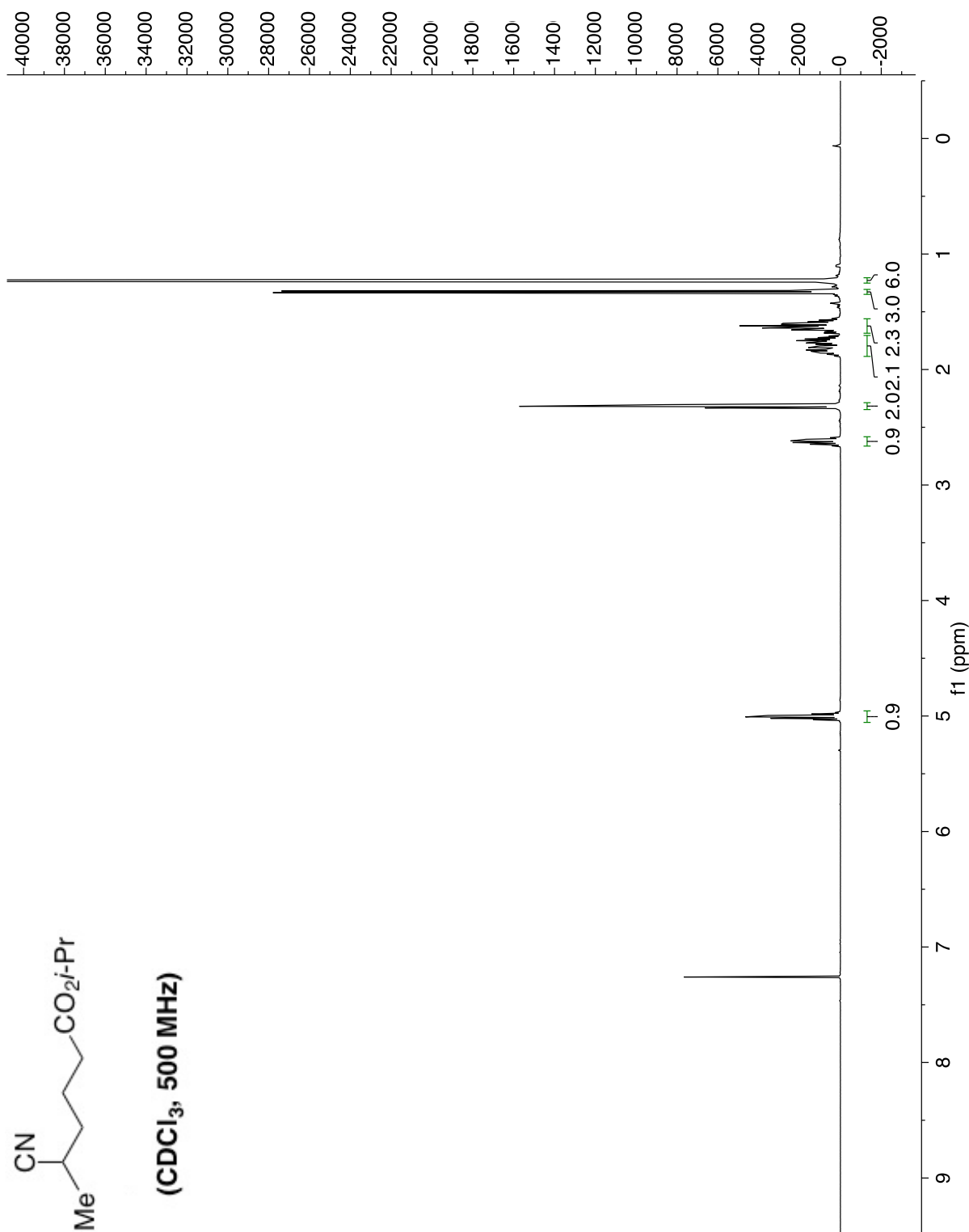
Figure A2.10. ¹H NMR (500 MHz, CDCl₃) of compound 40h.

Figure A2.11. ¹H NMR (500 MHz, CDCl₃) of compound **40i**.

Figure A2.12. ¹H NMR (500 MHz, CDCl₃) of compound **40j**.

Figure A2.13. ¹H NMR (500 MHz, CDCl₃) of compound **42**.





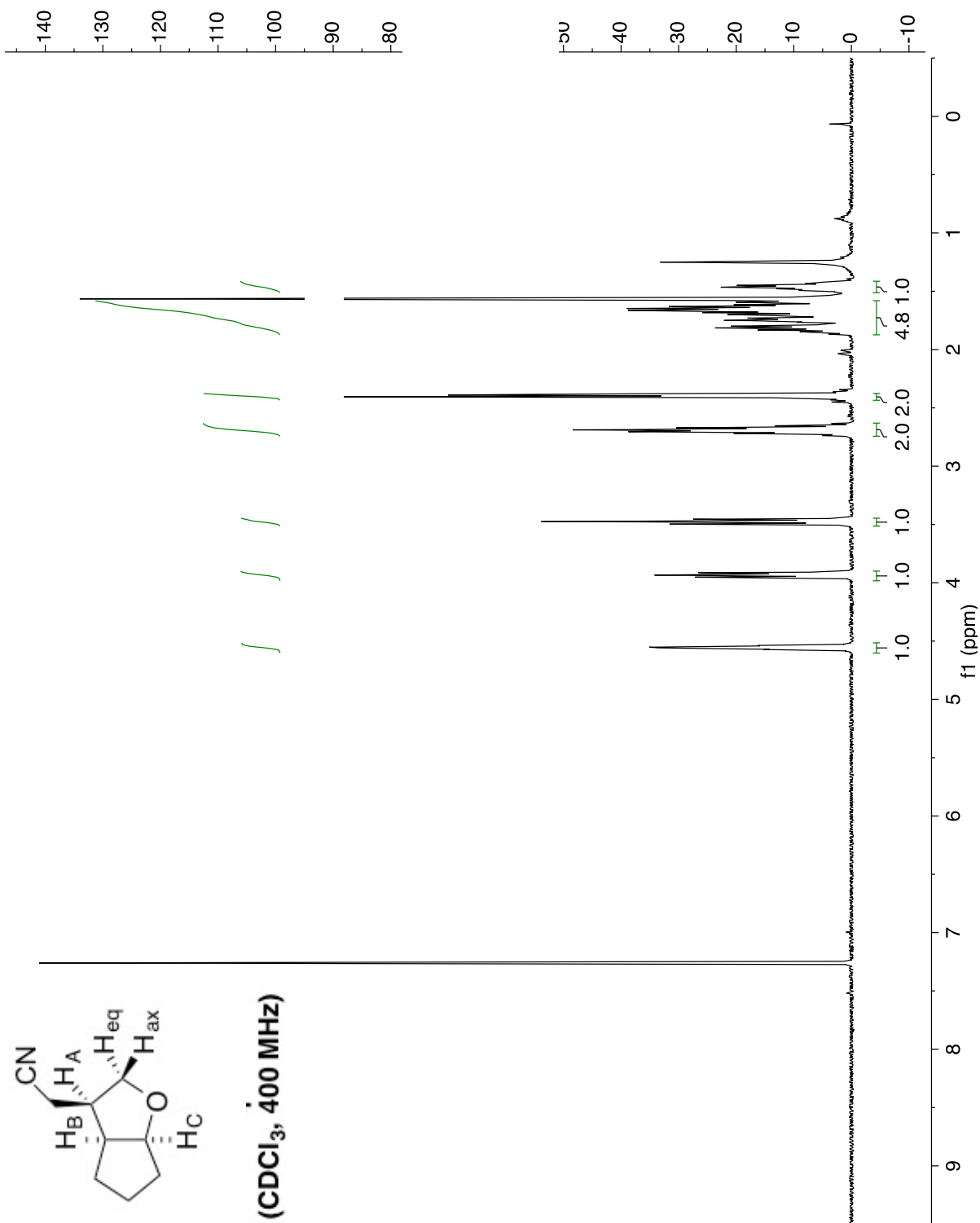


Figure A2.16. ^1H NMR (500 MHz, CDCl_3) of compound **40n**.