

APPENDIX 2**Spectra Relevant to Chapter 4**

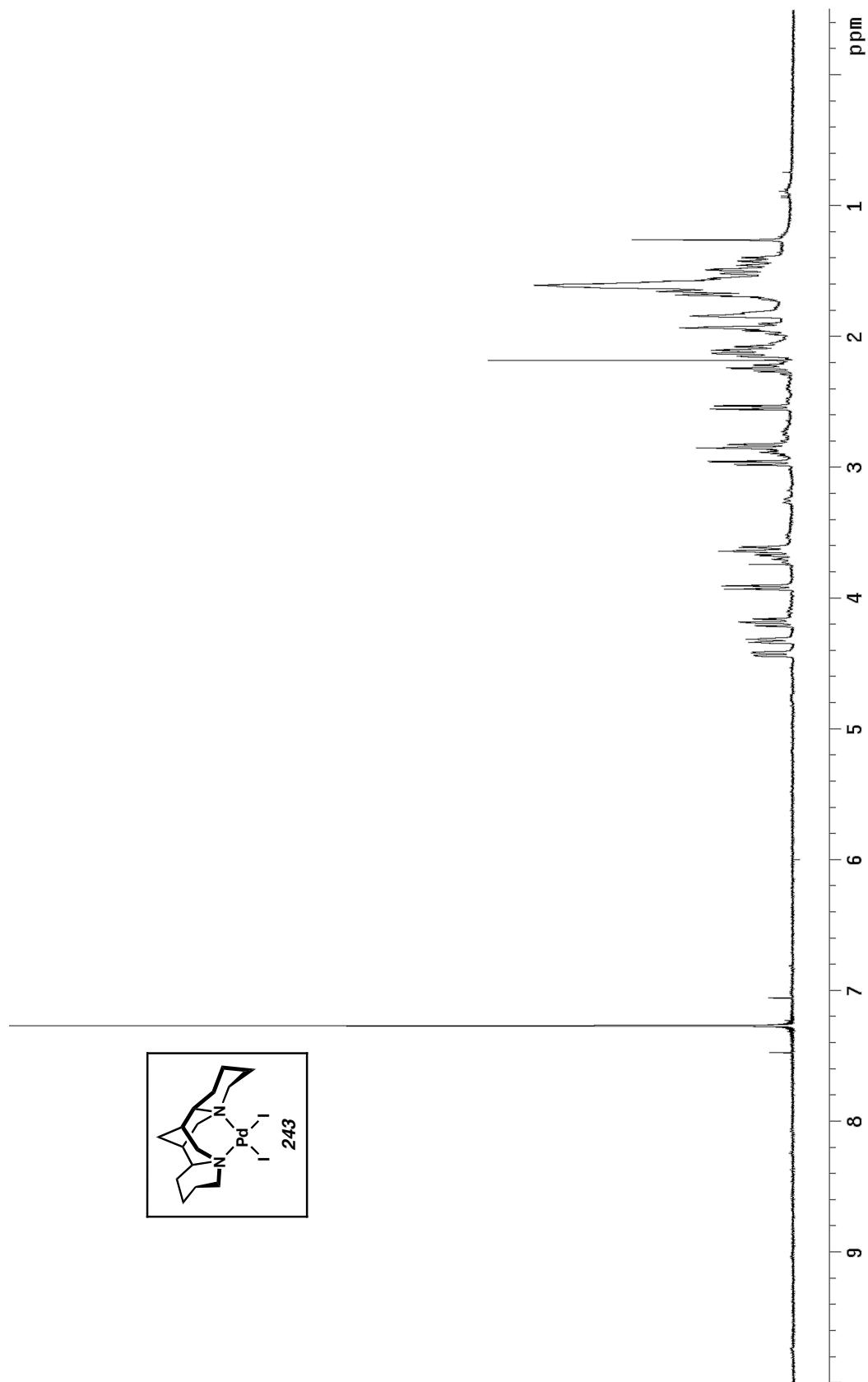


Figure A2.1 ^1H NMR (500 MHz, CDCl_3) of compound 243.

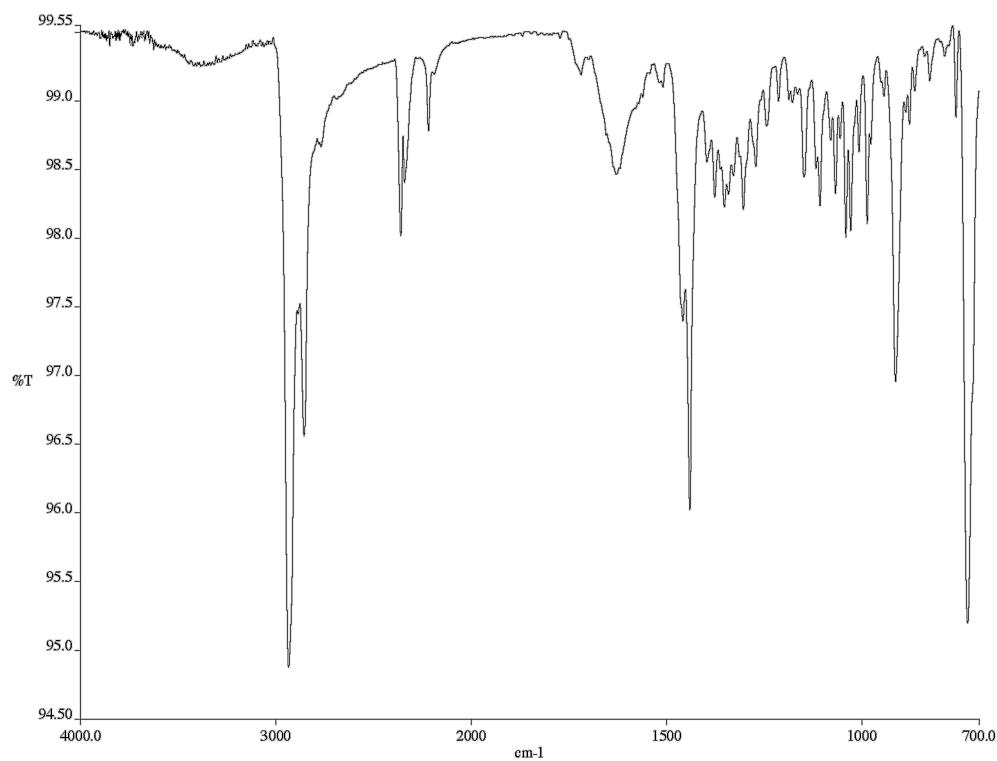


Figure A2.2 Infrared spectrum (thin film/NaCl) of compound **243**.

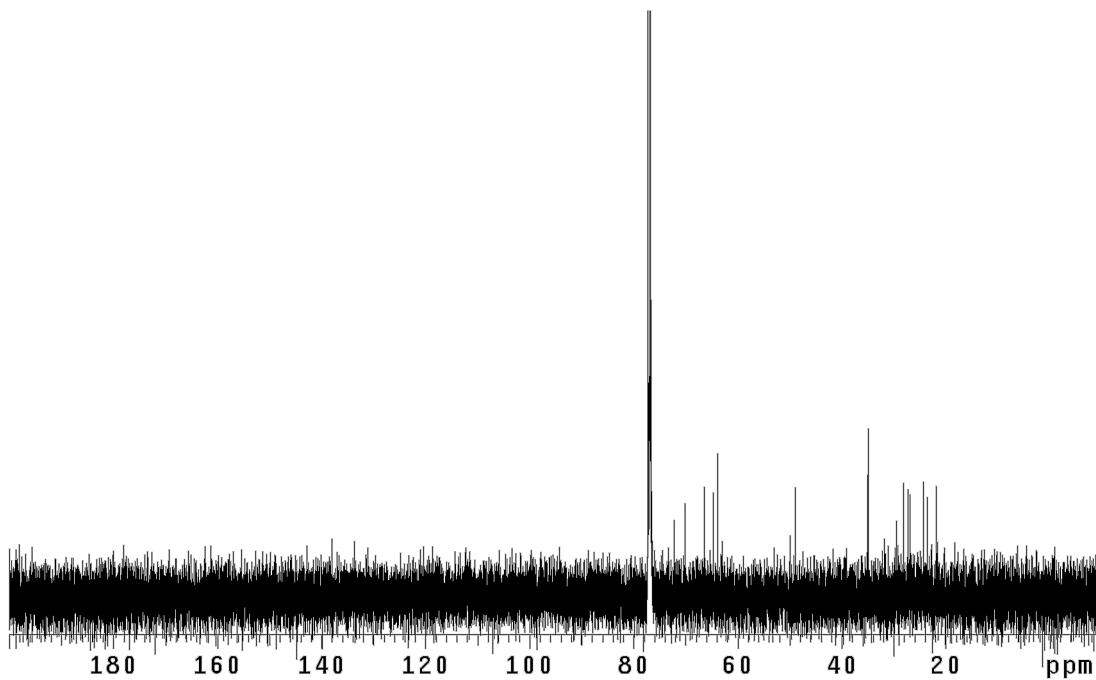


Figure A2.3 ^{13}C NMR (126 MHz, CDCl_3) of compound **243**.

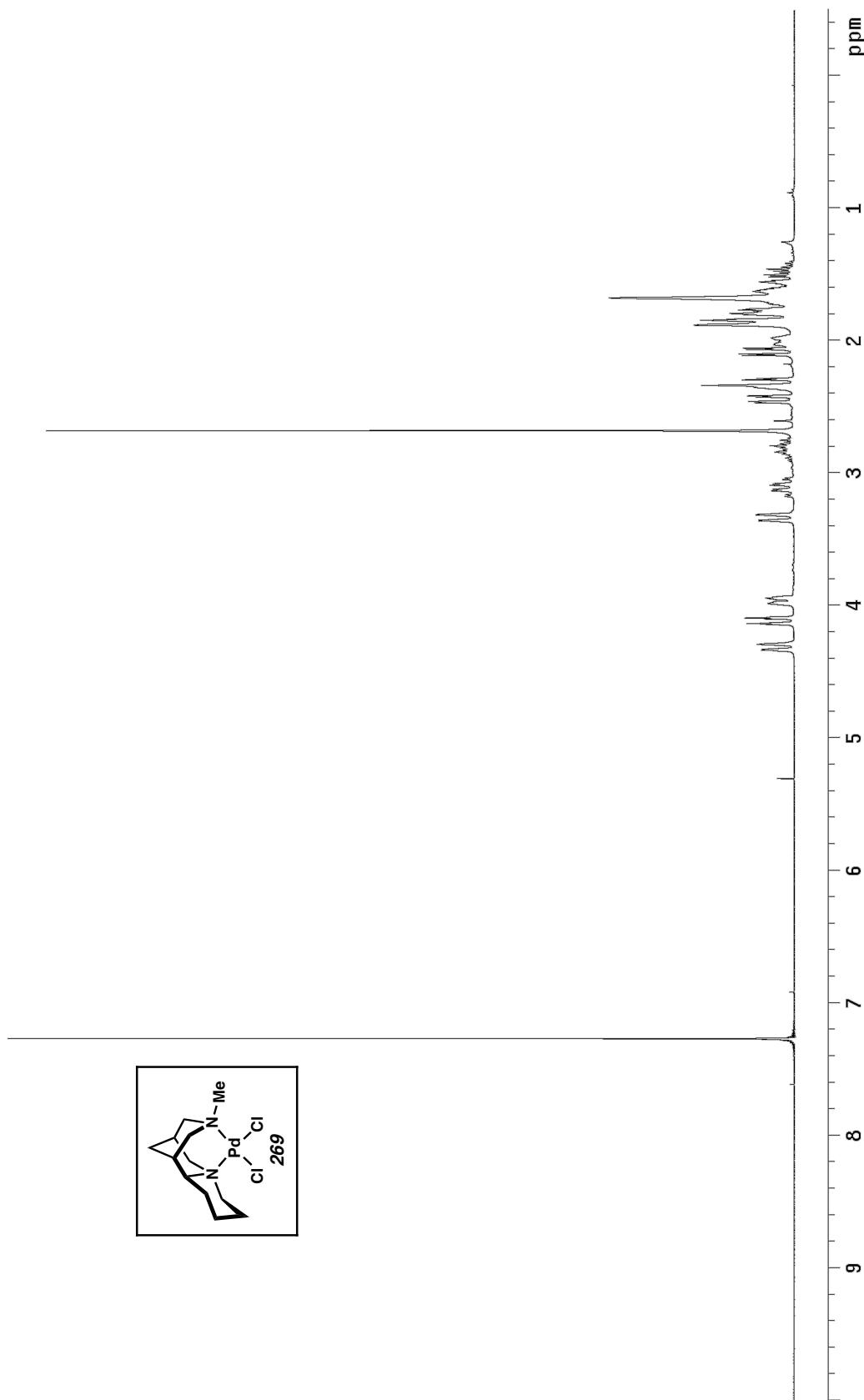


Figure A2.4 ^1H NMR (300 MHz, CDCl_3) of compound 269.

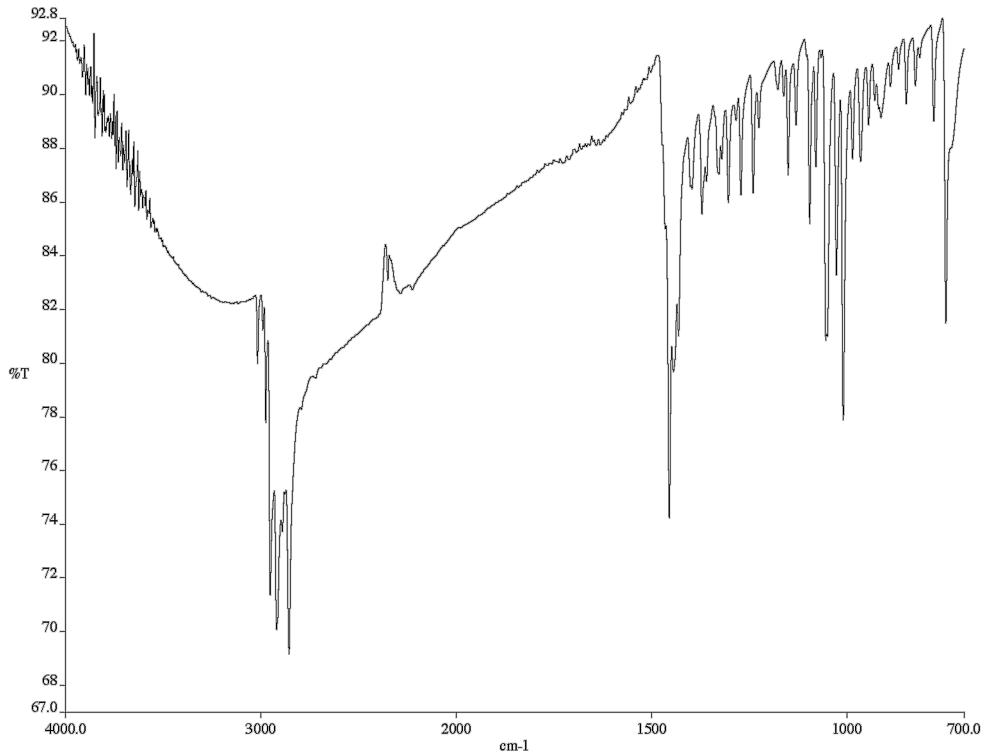


Figure A2.5 Infrared spectrum (thin film/NaCl) of compound **269**.

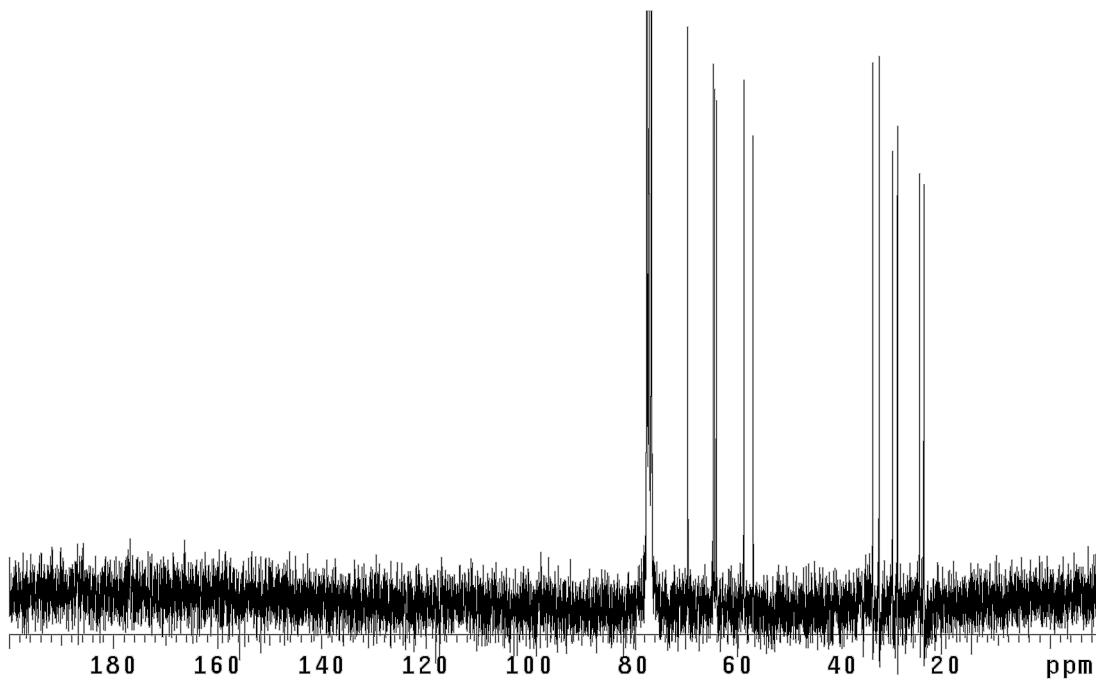


Figure A2.6 ^{13}C NMR (75 MHz, CDCl_3) of compound **269**.

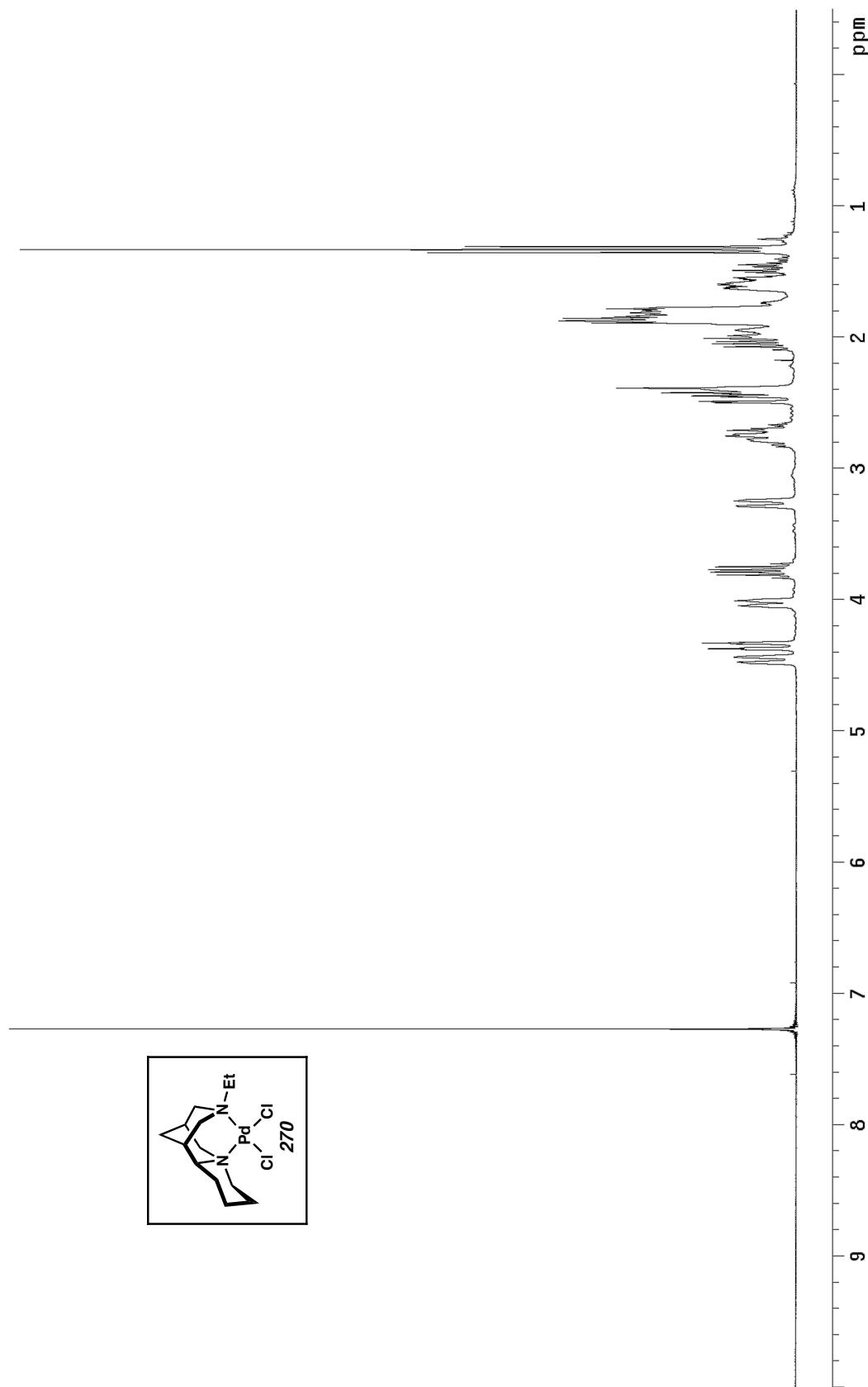


Figure A2.7 ${}^1\text{H}$ NMR (300 MHz, CDCl_3) of compound 270.

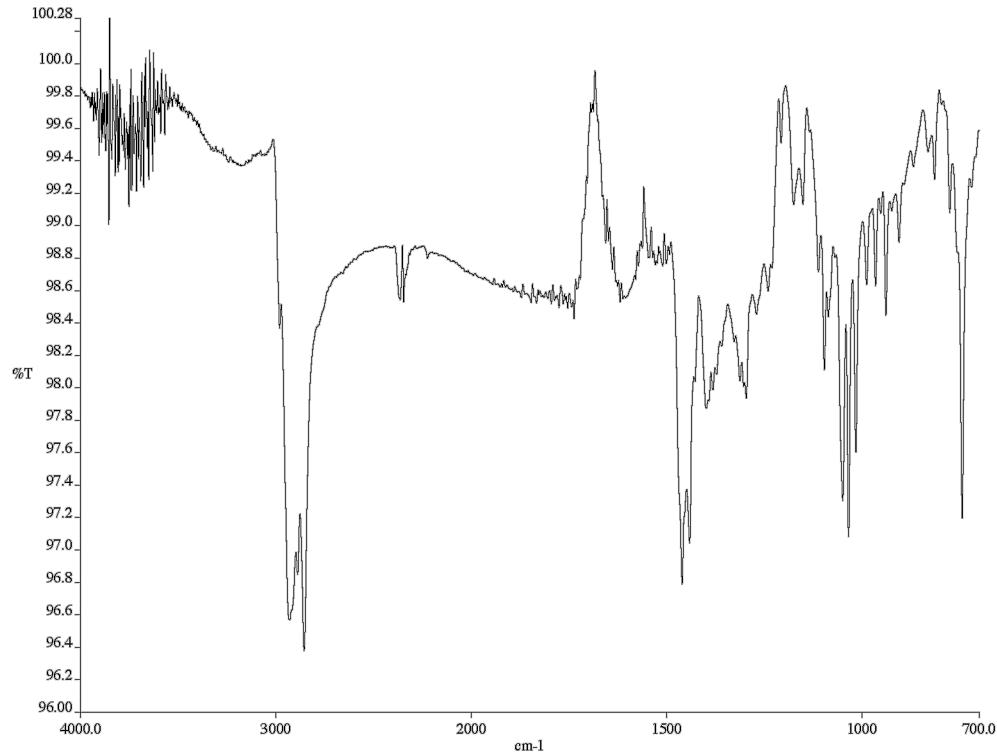


Figure A2.8 Infrared spectrum (thin film/NaCl) of compound **270**.

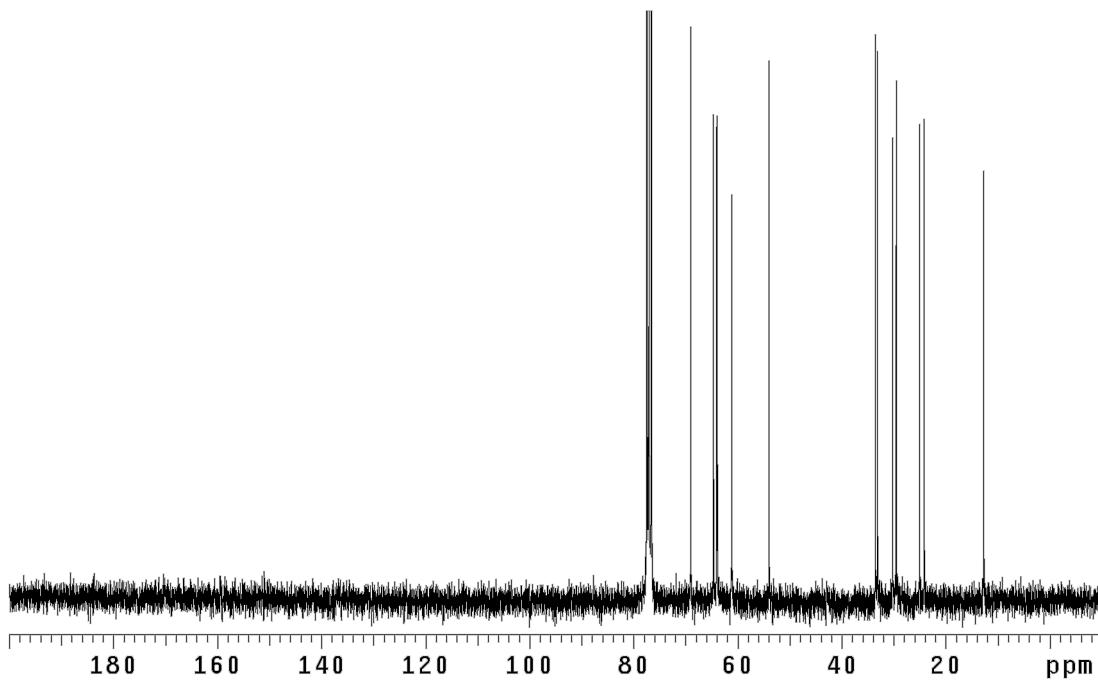


Figure A2.9 ^{13}C NMR (75 MHz, CDCl_3) of compound **270**.

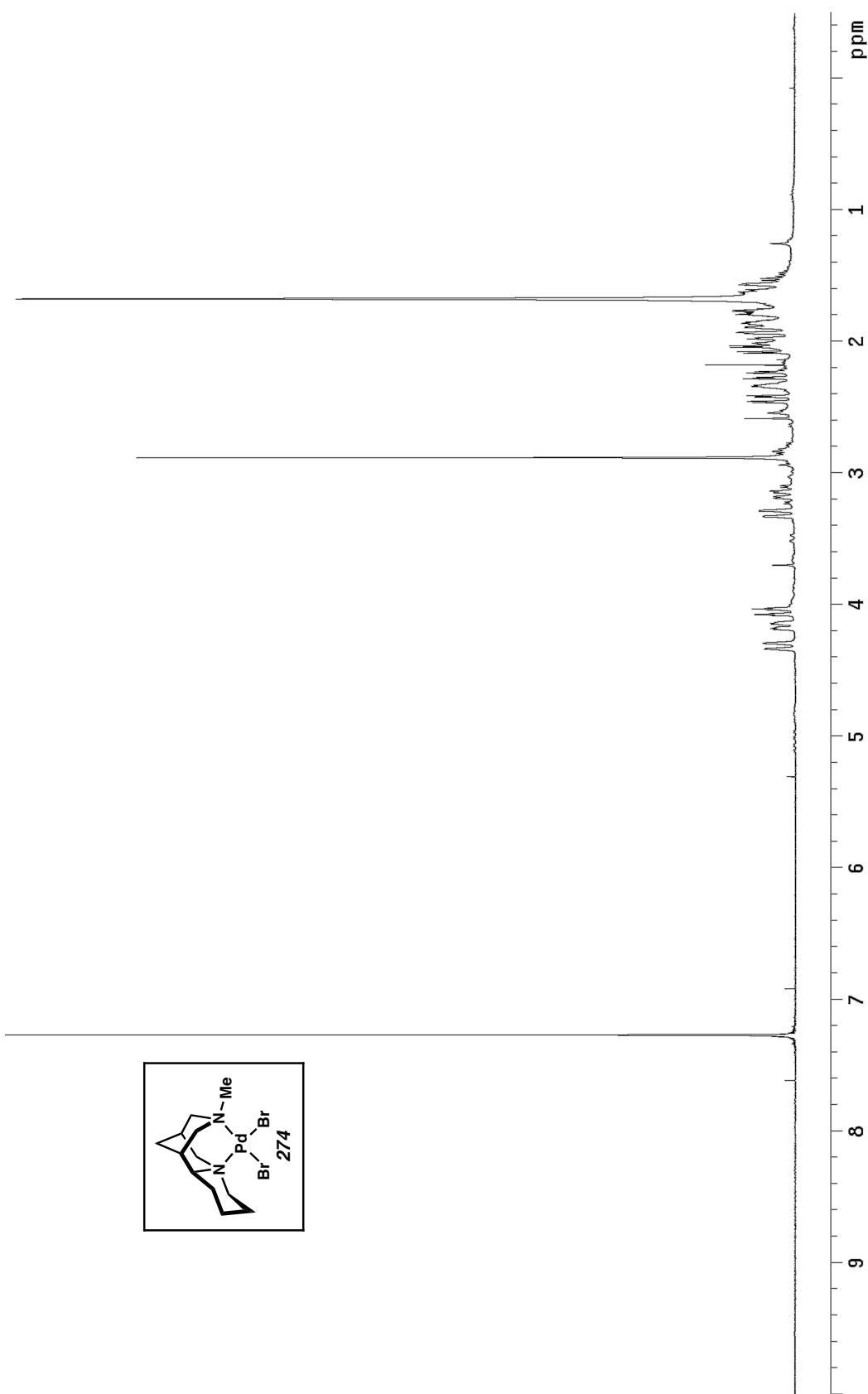


Figure A2.10 ${}^1\text{H}$ NMR (300 MHz, CDCl_3) of compound 274.

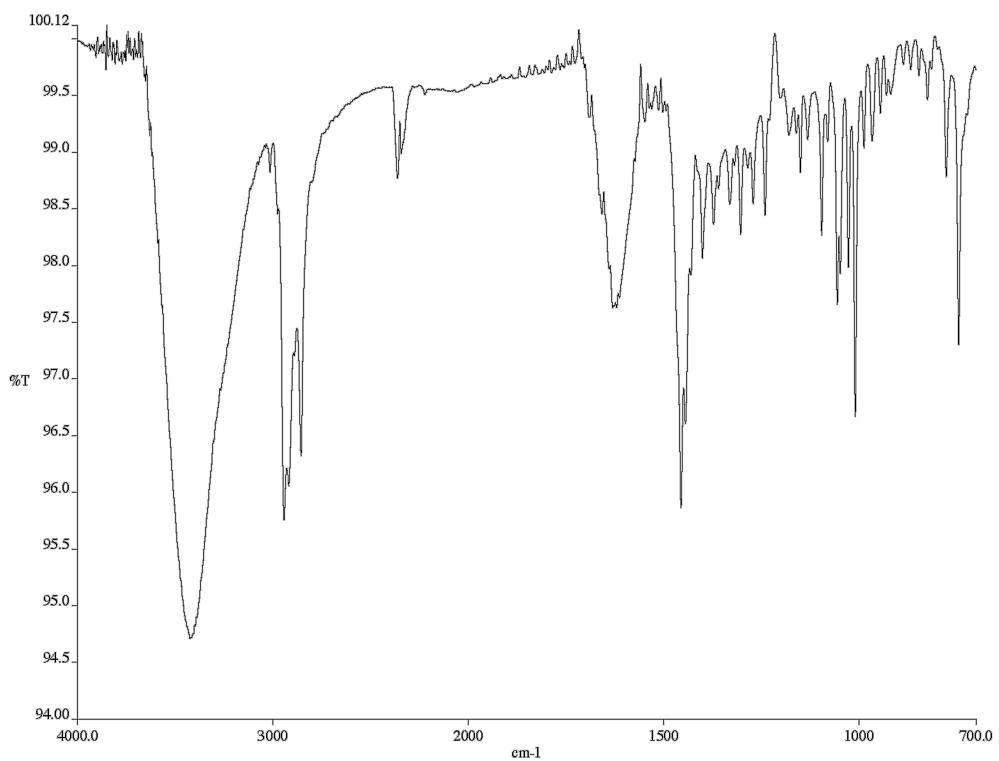


Figure A2.11 Infrared spectrum (thin film/NaCl) of compound 274.

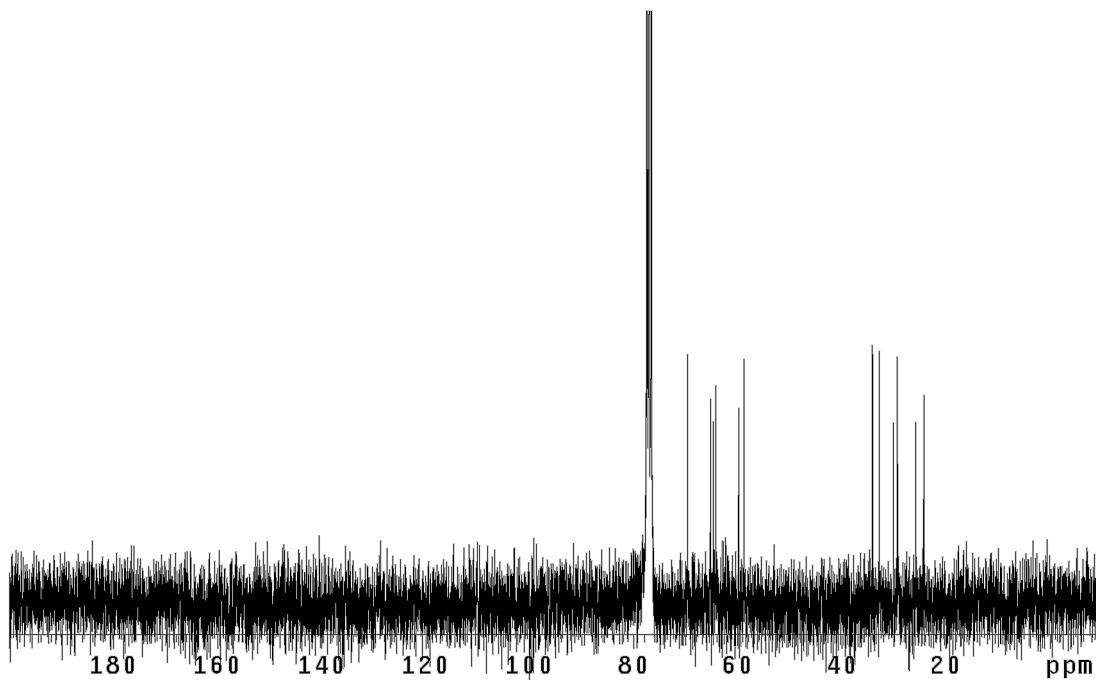


Figure A2.12 ^{13}C NMR (75 MHz, CDCl_3) of compound 274.

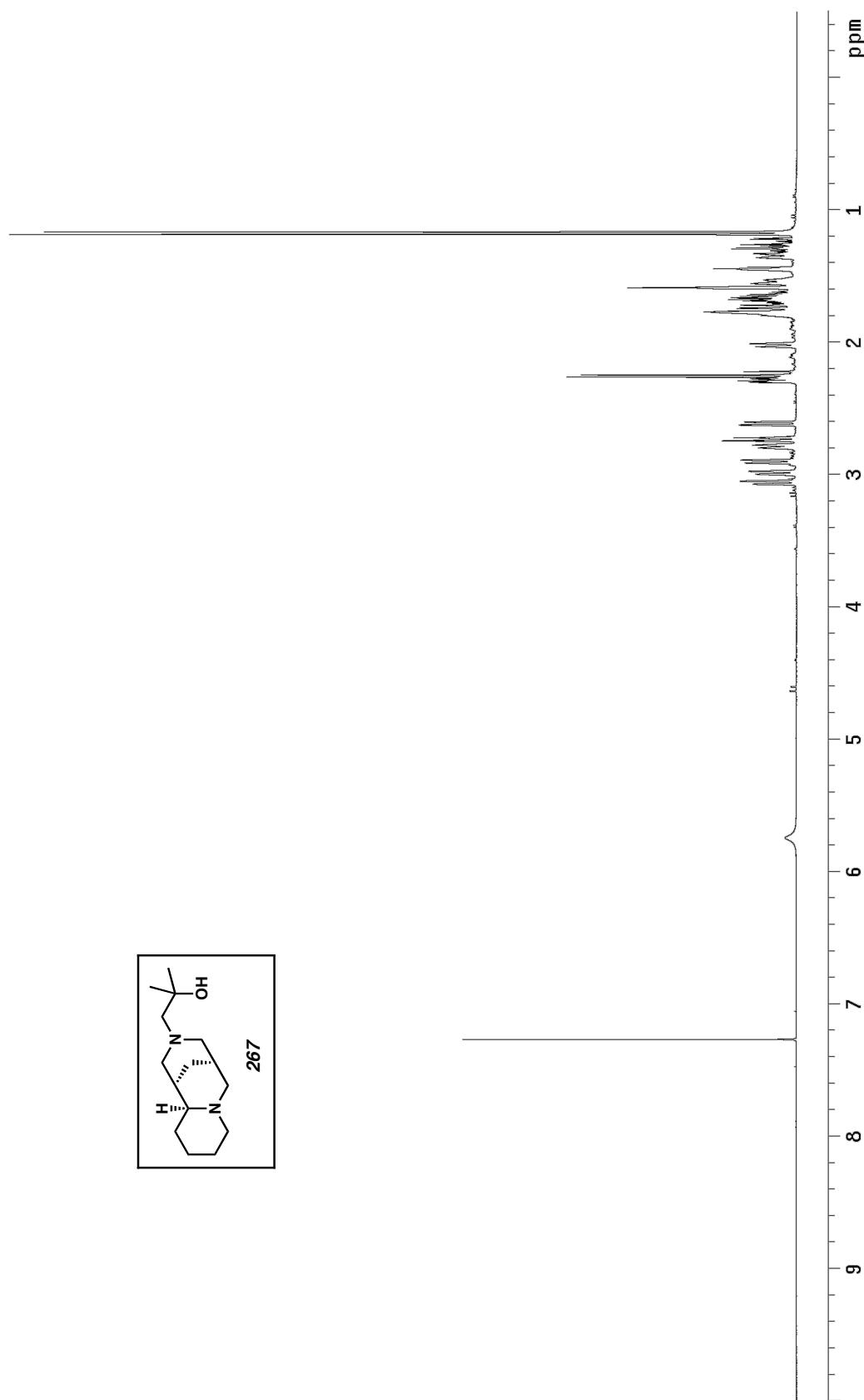


Figure A2.13 ^1H NMR (500 MHz, CDCl_3) of compound 267.

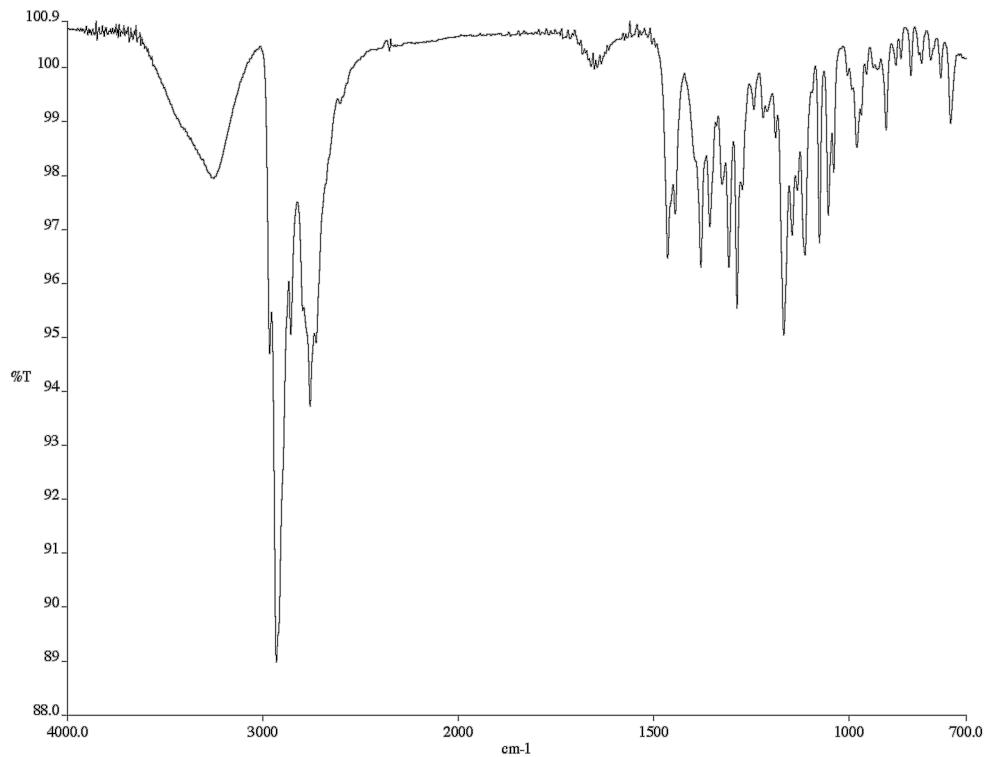


Figure A2.14 Infrared spectrum (thin film/NaCl) of compound **267**.

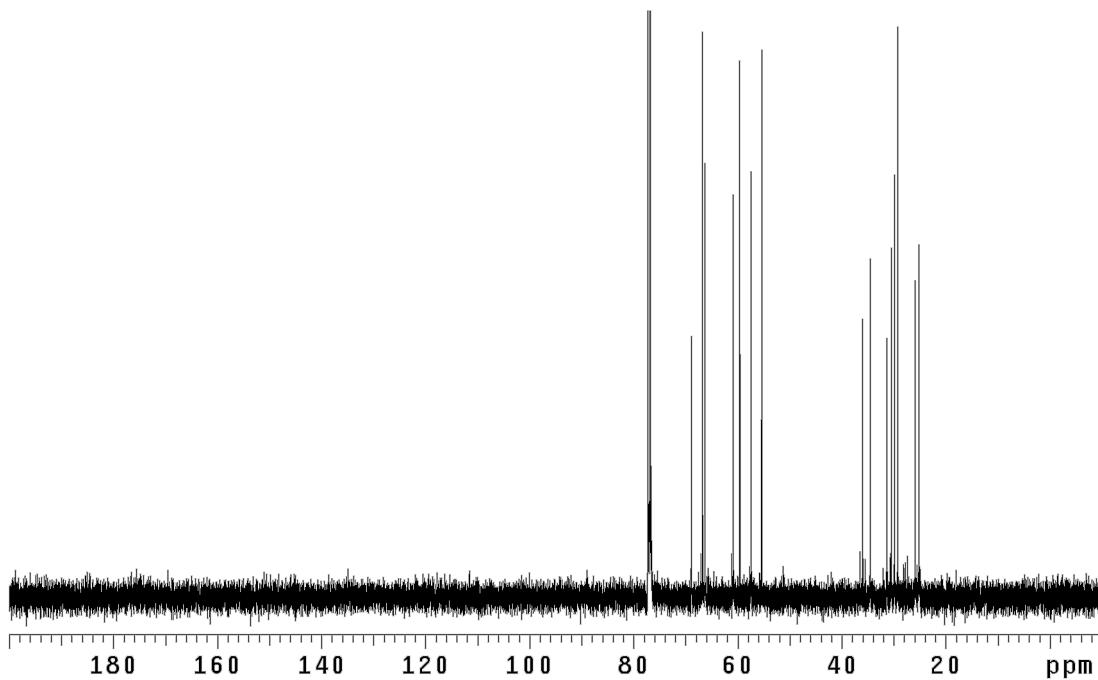


Figure A2.15 ^{13}C NMR (126 MHz, CDCl_3) of compound **267**.

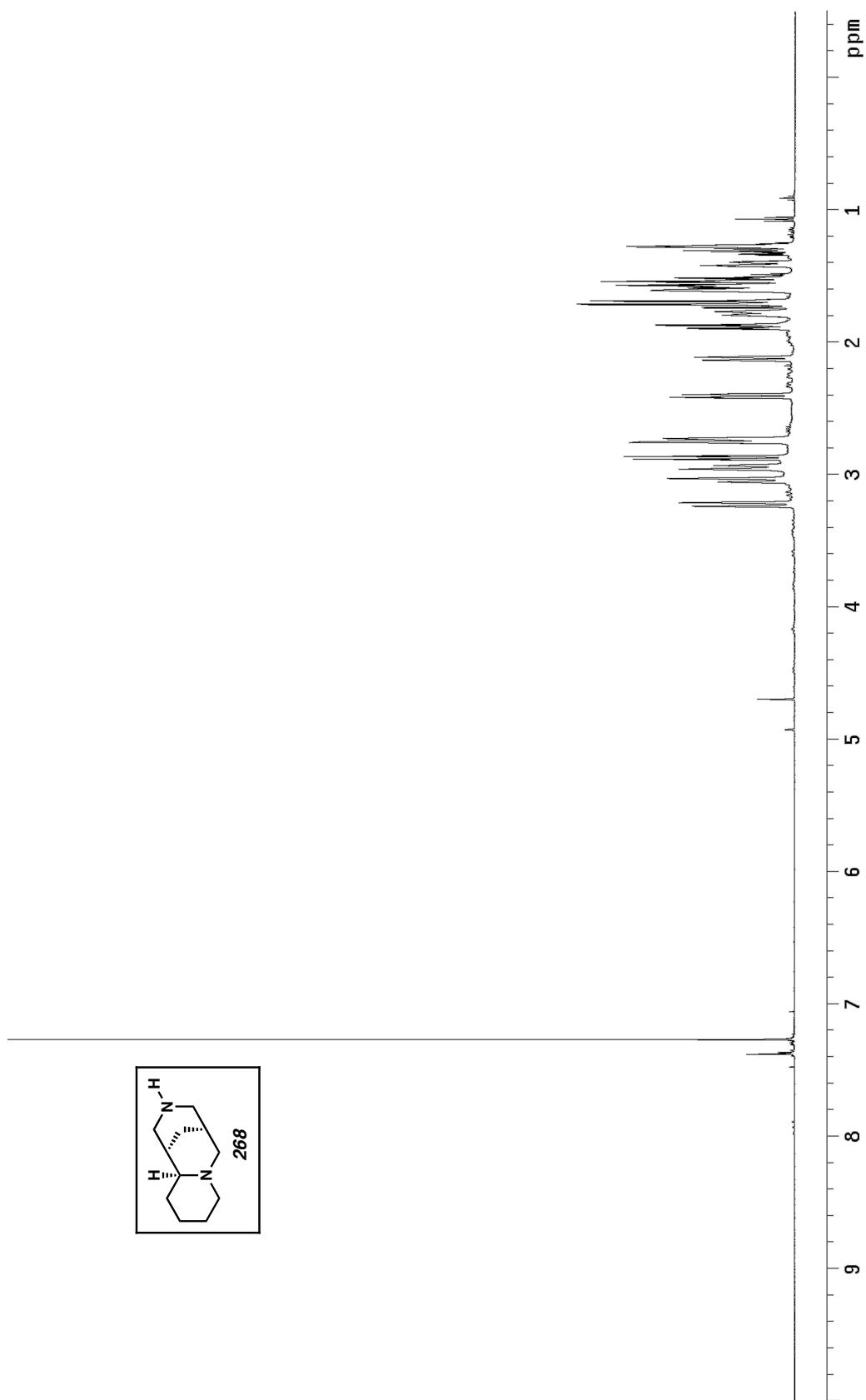


Figure A2.16 ^1H NMR (500 MHz, CDCl_3) of compound **268**.

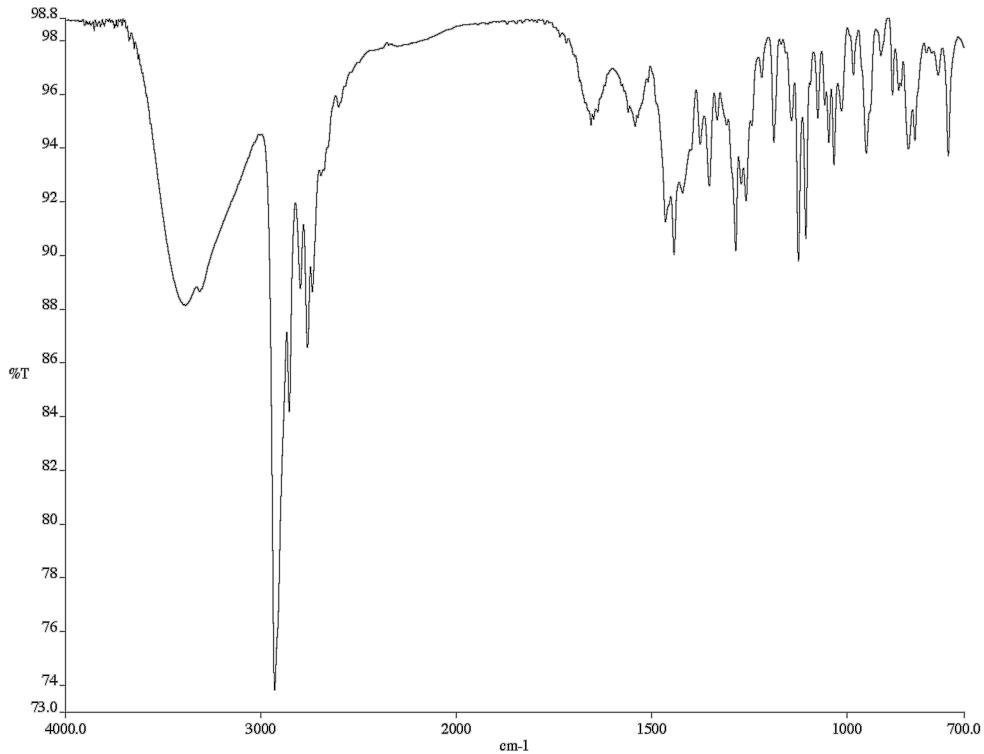


Figure A2.17 Infrared spectrum (thin film/NaCl) of compound **268**.

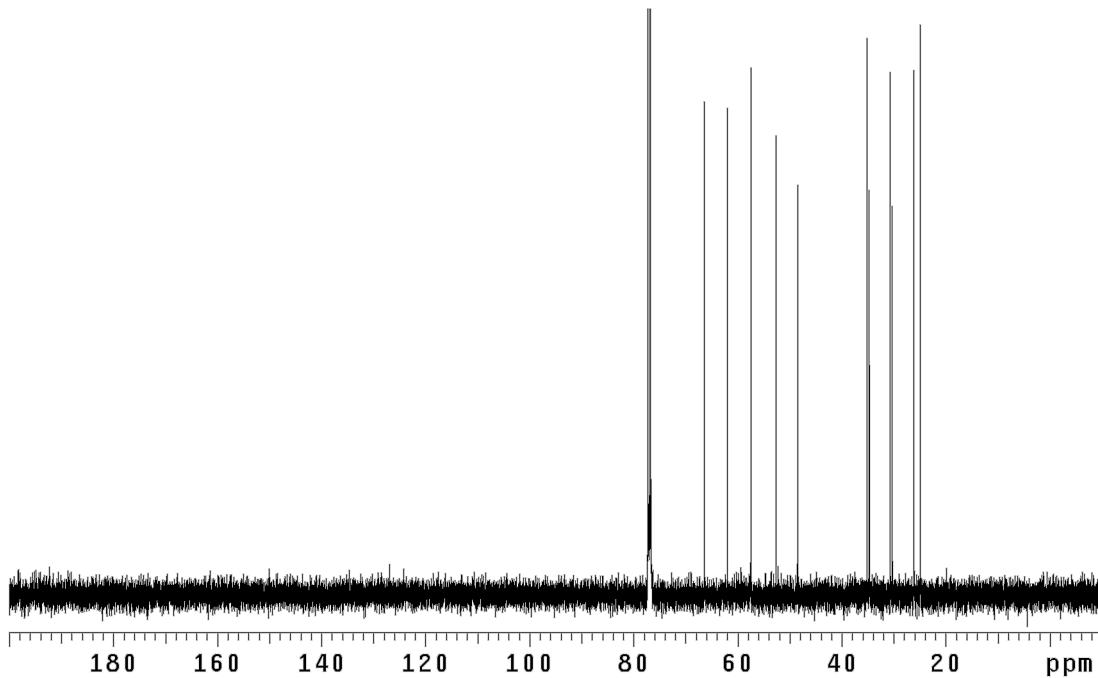


Figure A2.18 ^{13}C NMR (126 MHz, CDCl_3) of compound **268**.