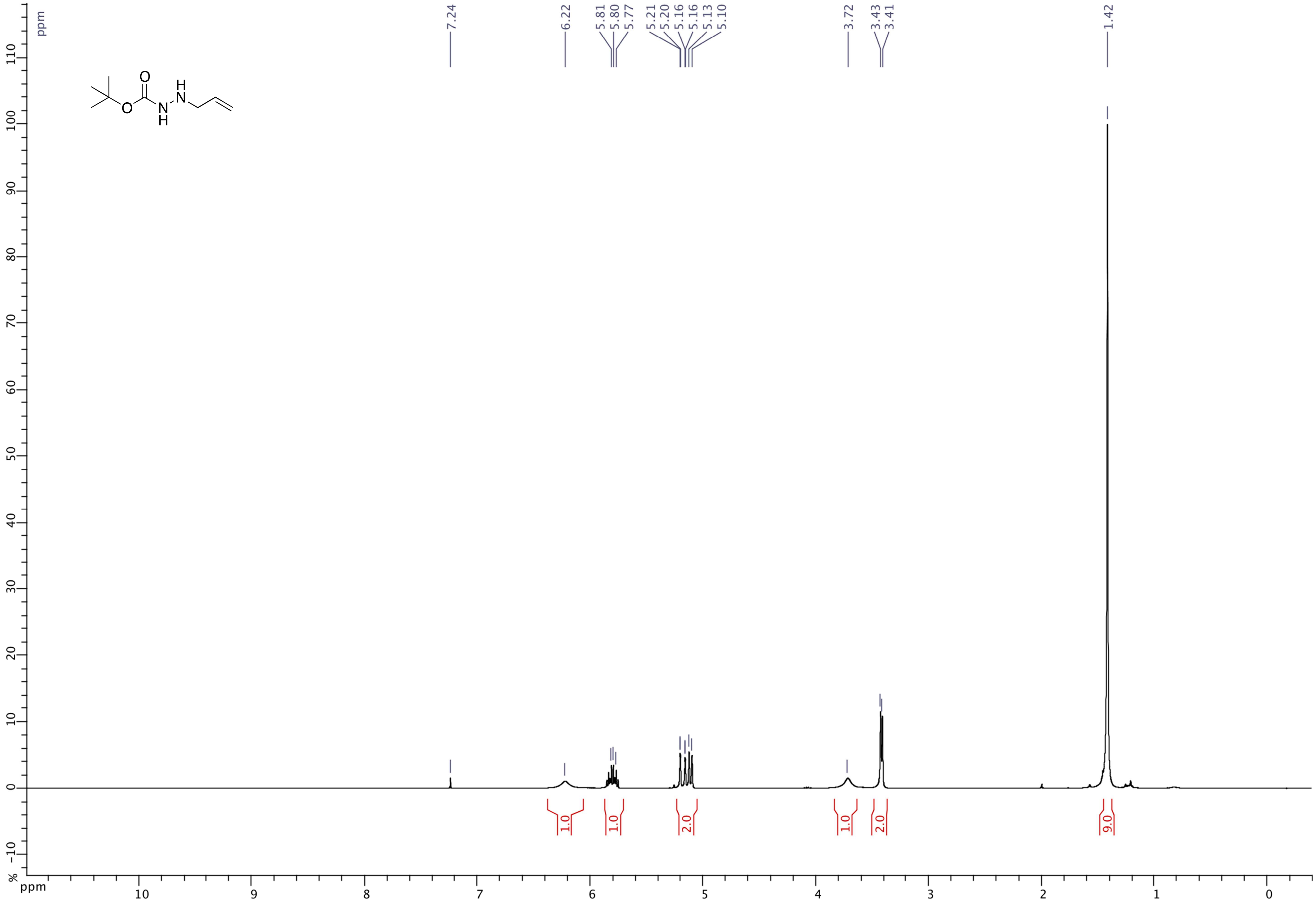
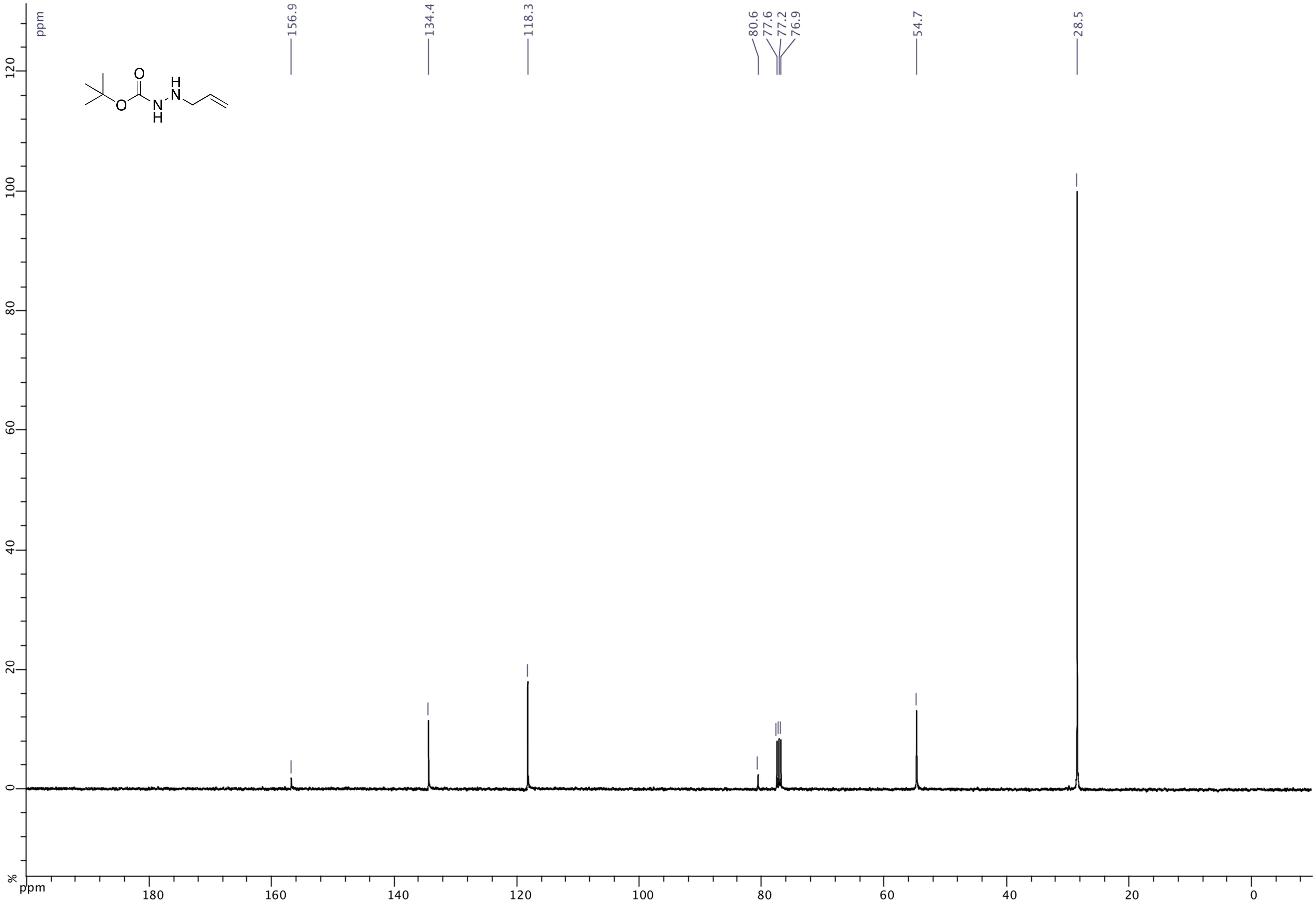
Electronic Supplementary Material (ESI) for ChemComm.

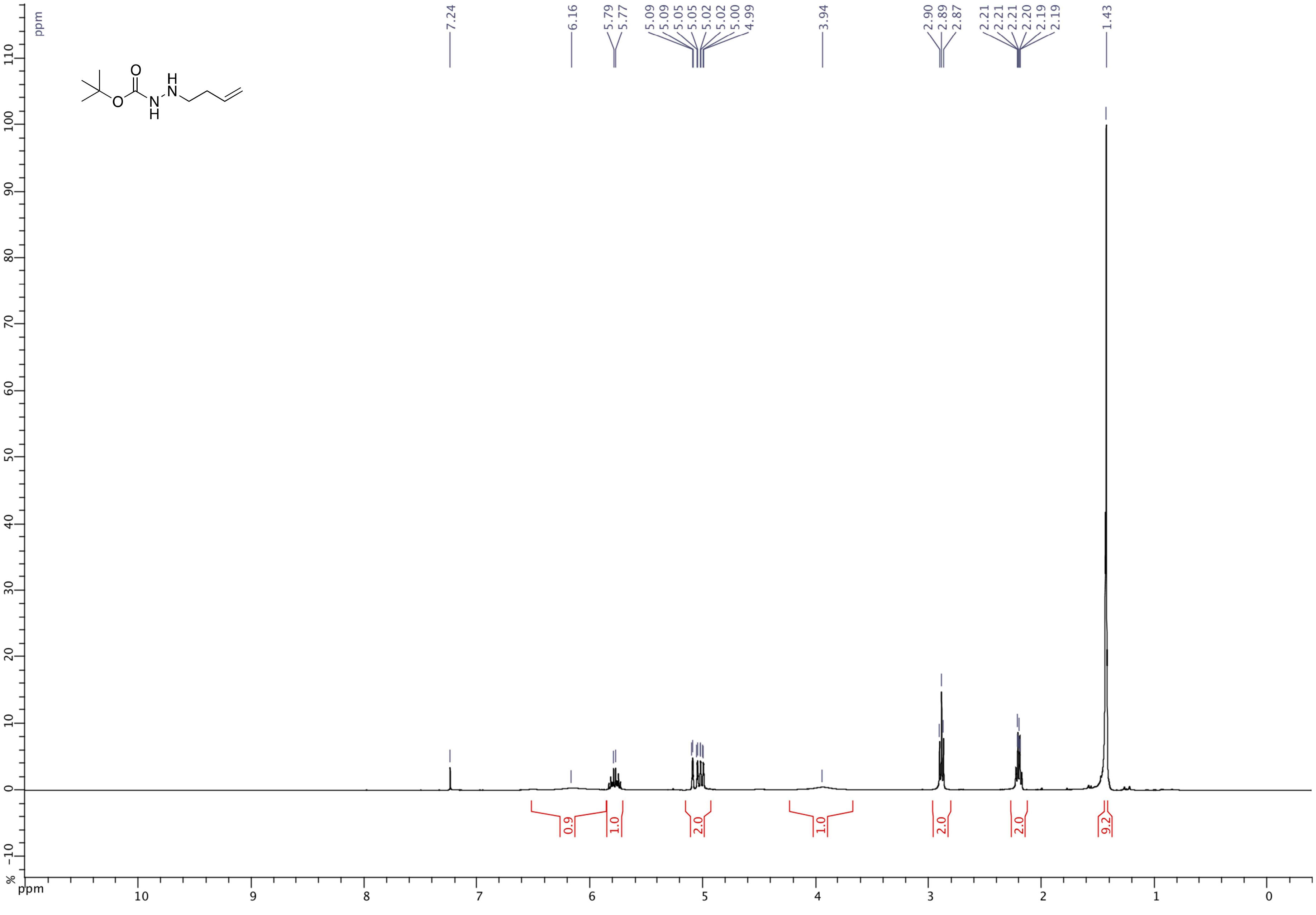
^{1}**H NMR** for **1a** (400 MHz, $CDCl_3$)



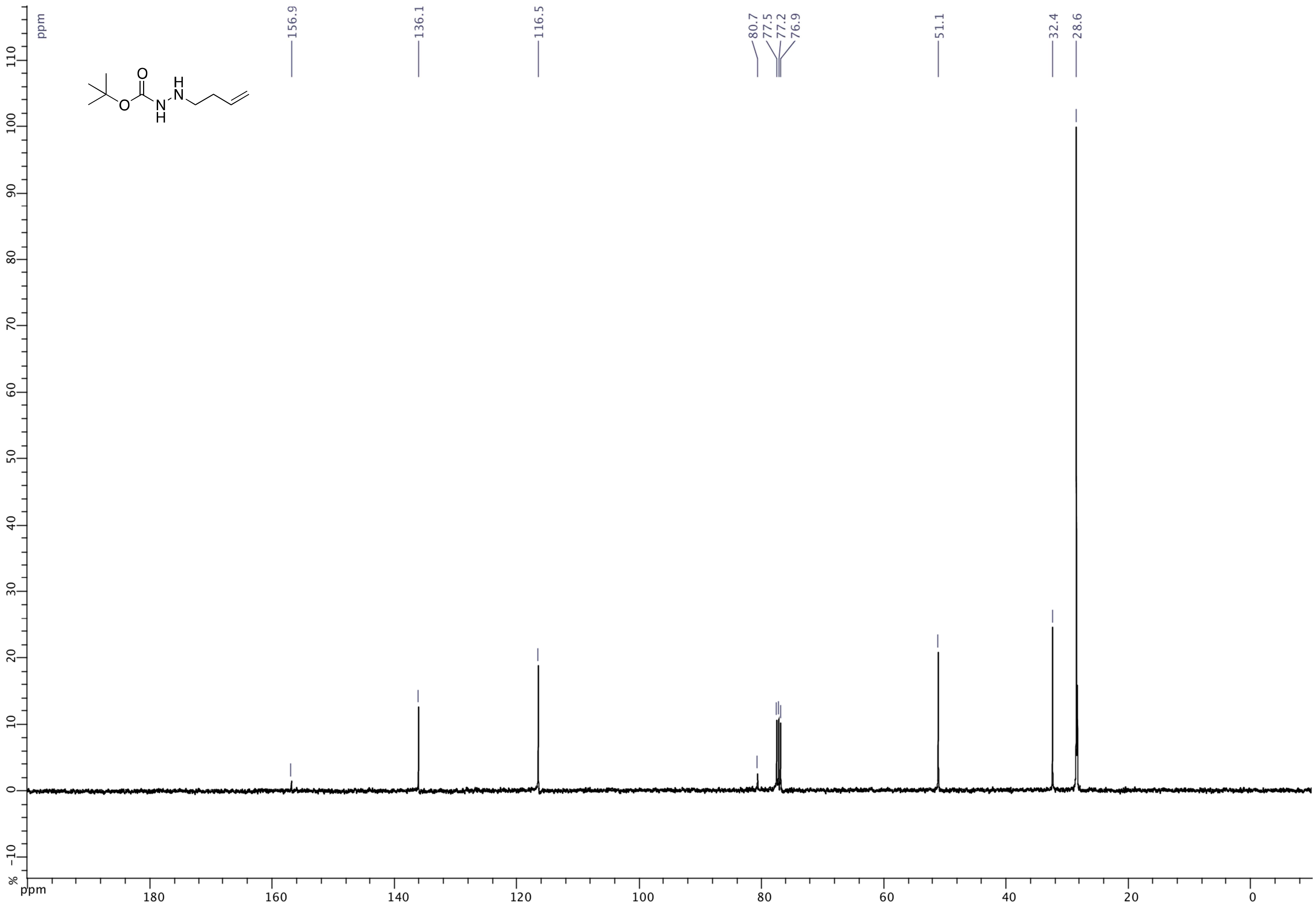
^{13}**C NMR** for **1a** (100 MHz, $CDCl_3$)



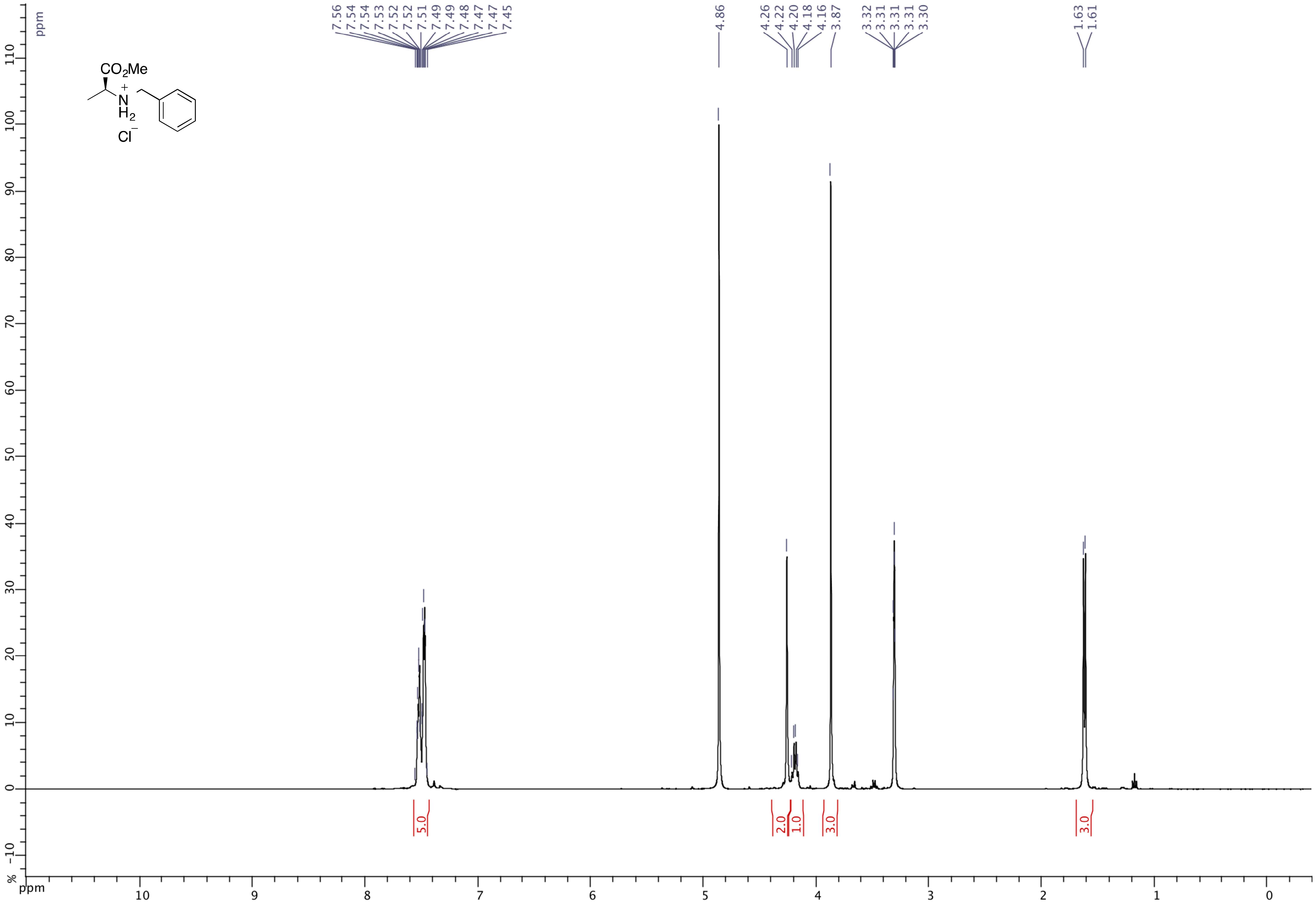
[1]H NMR for **1b** (400 MHz, $CDCl_3$):



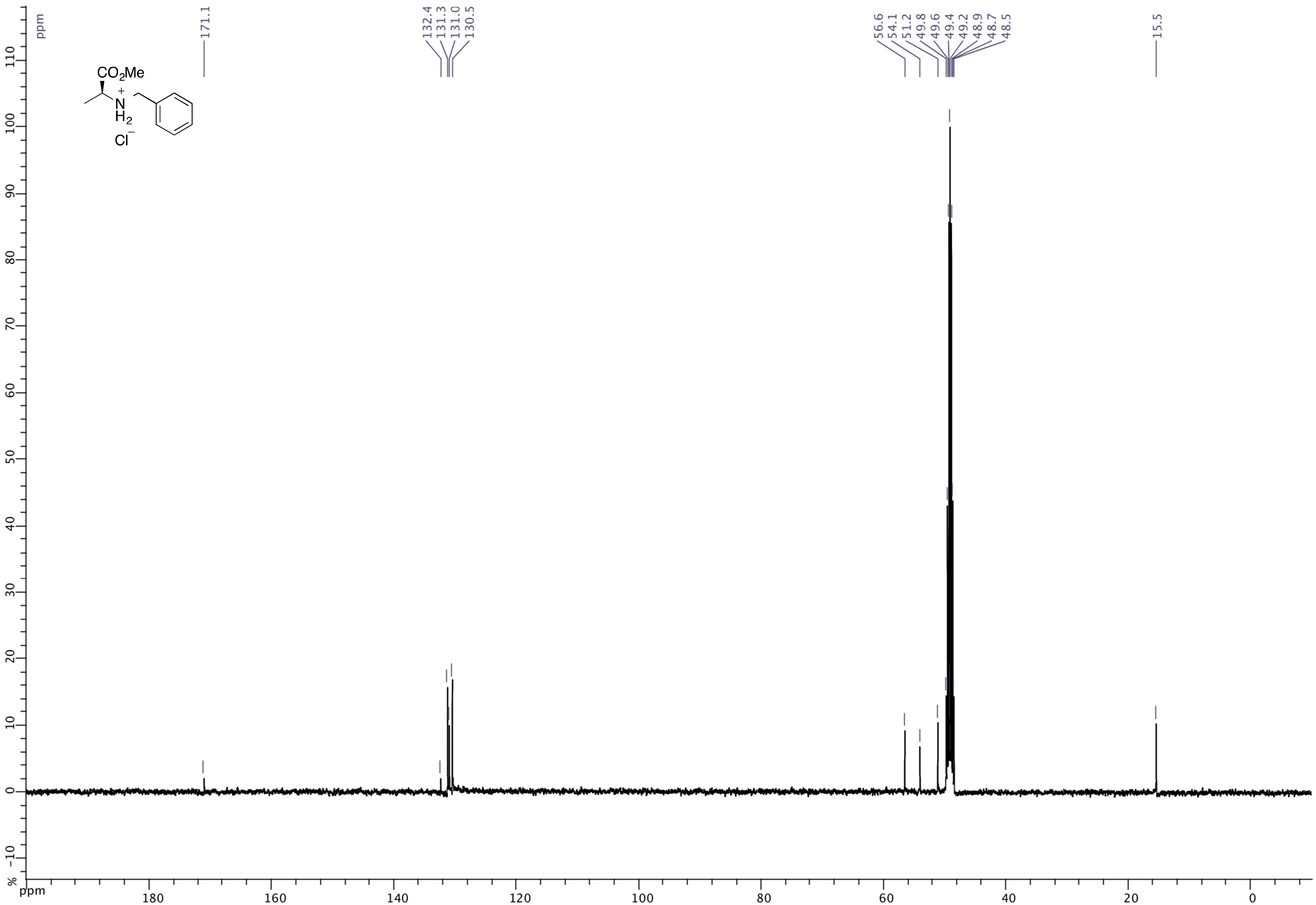
[13]C NMR for **1b** (100 MHz, CDCl$_3$)



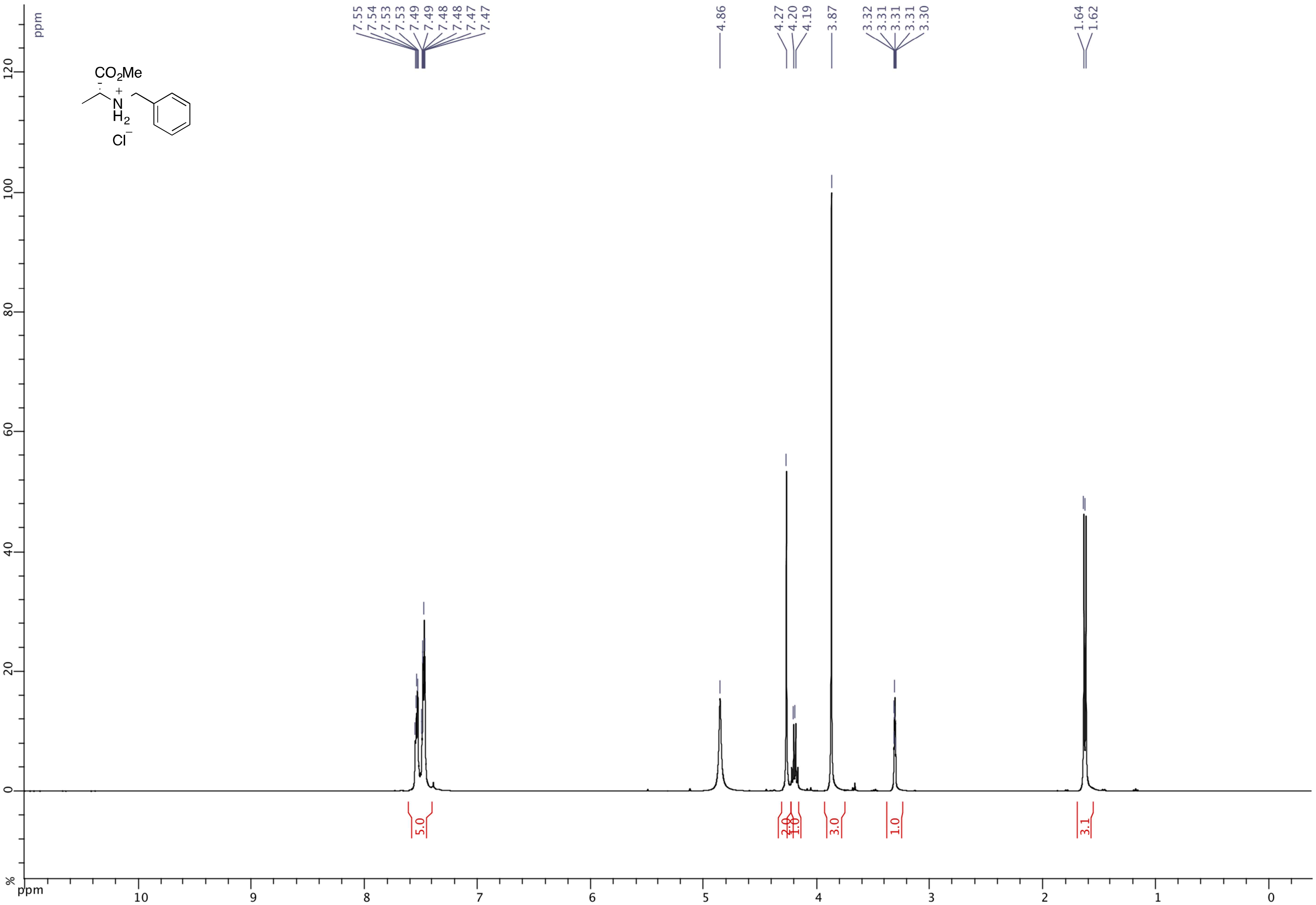
^{1}**H NMR** for **2a** (400 MHz, MeOD-d_4)



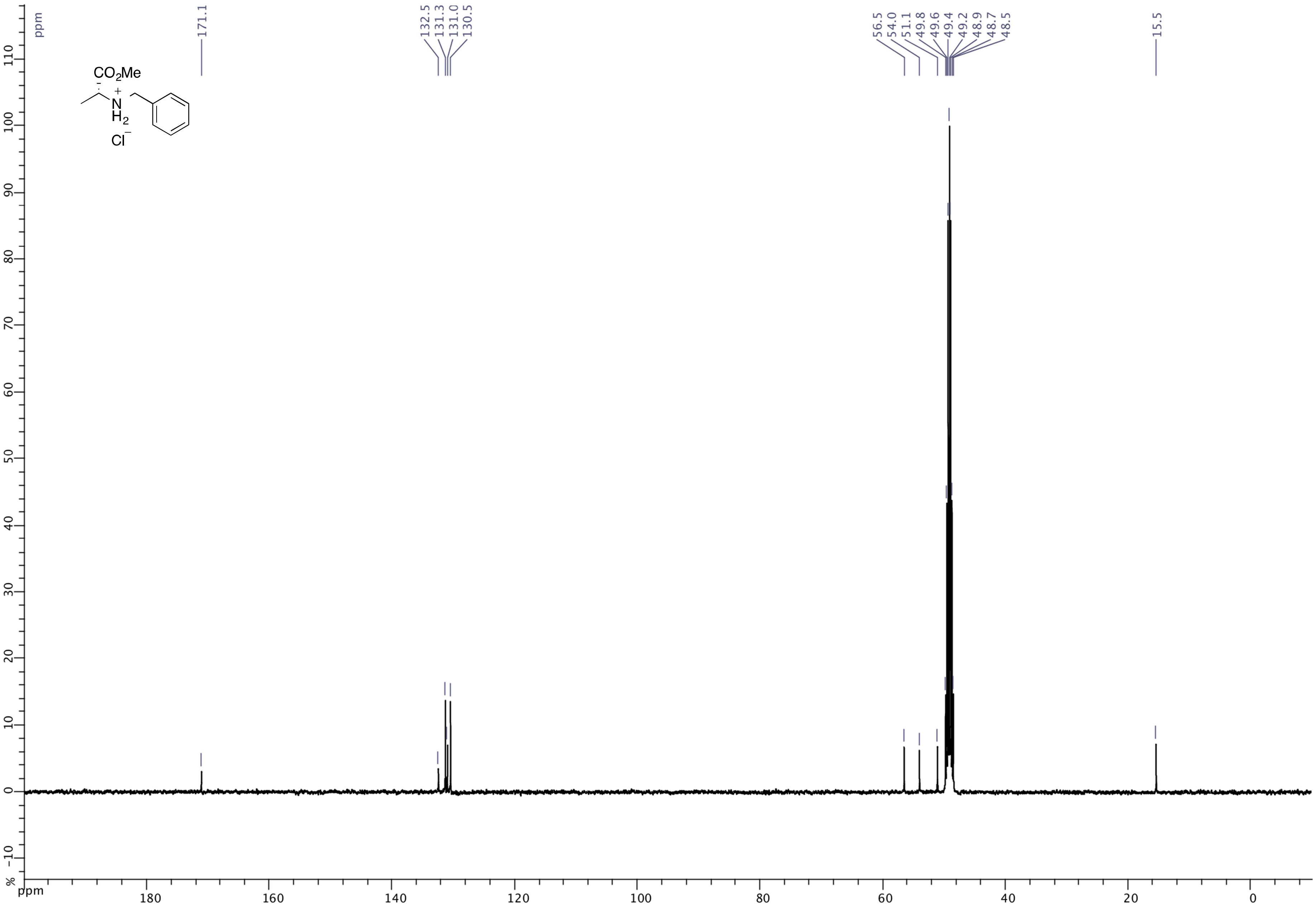
^{13}C NMR for **2a** (100 MHz, MeOD-d_4)



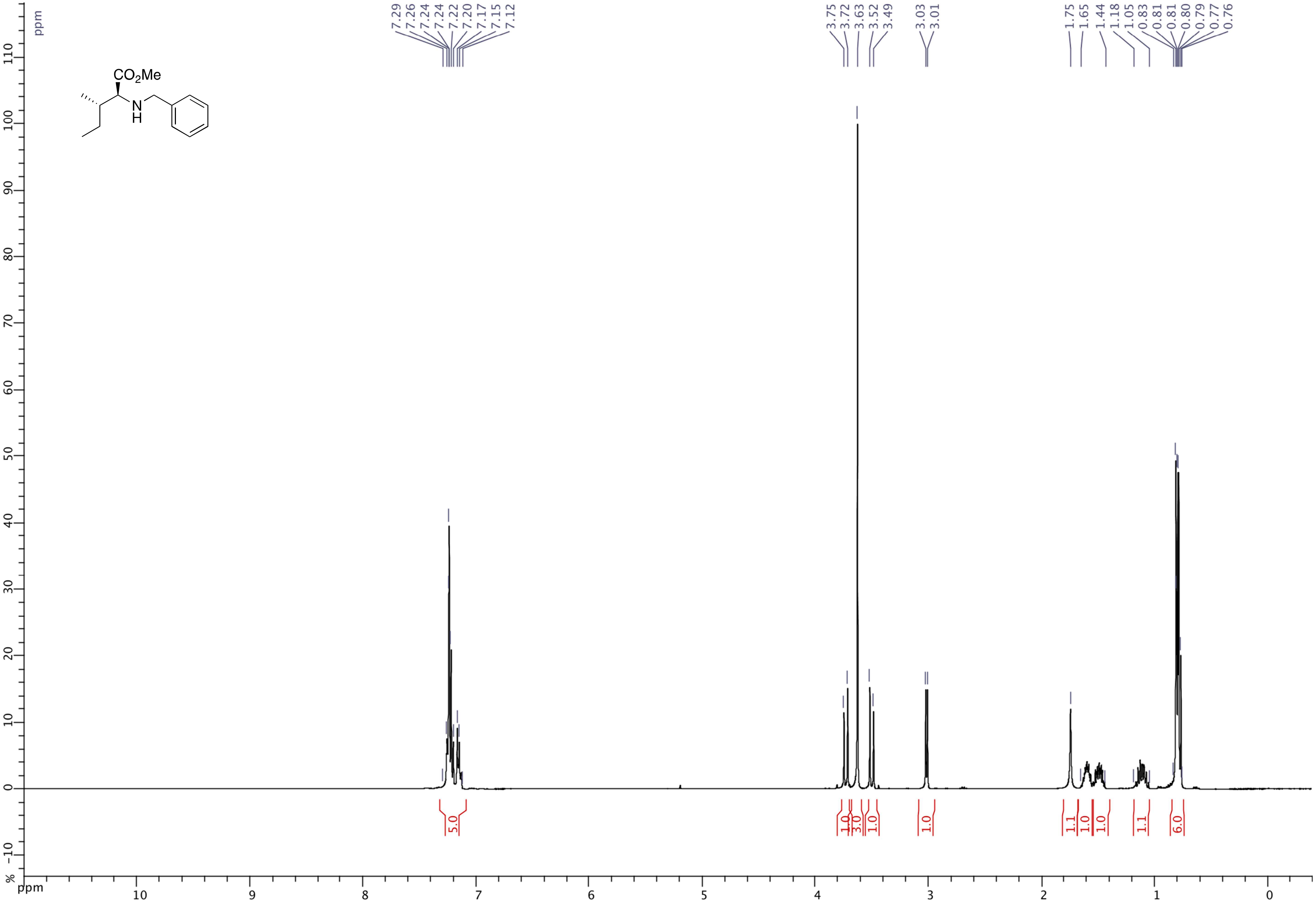
^{1}H NMR for **2b** (400 MHz, MeOD-d_4)



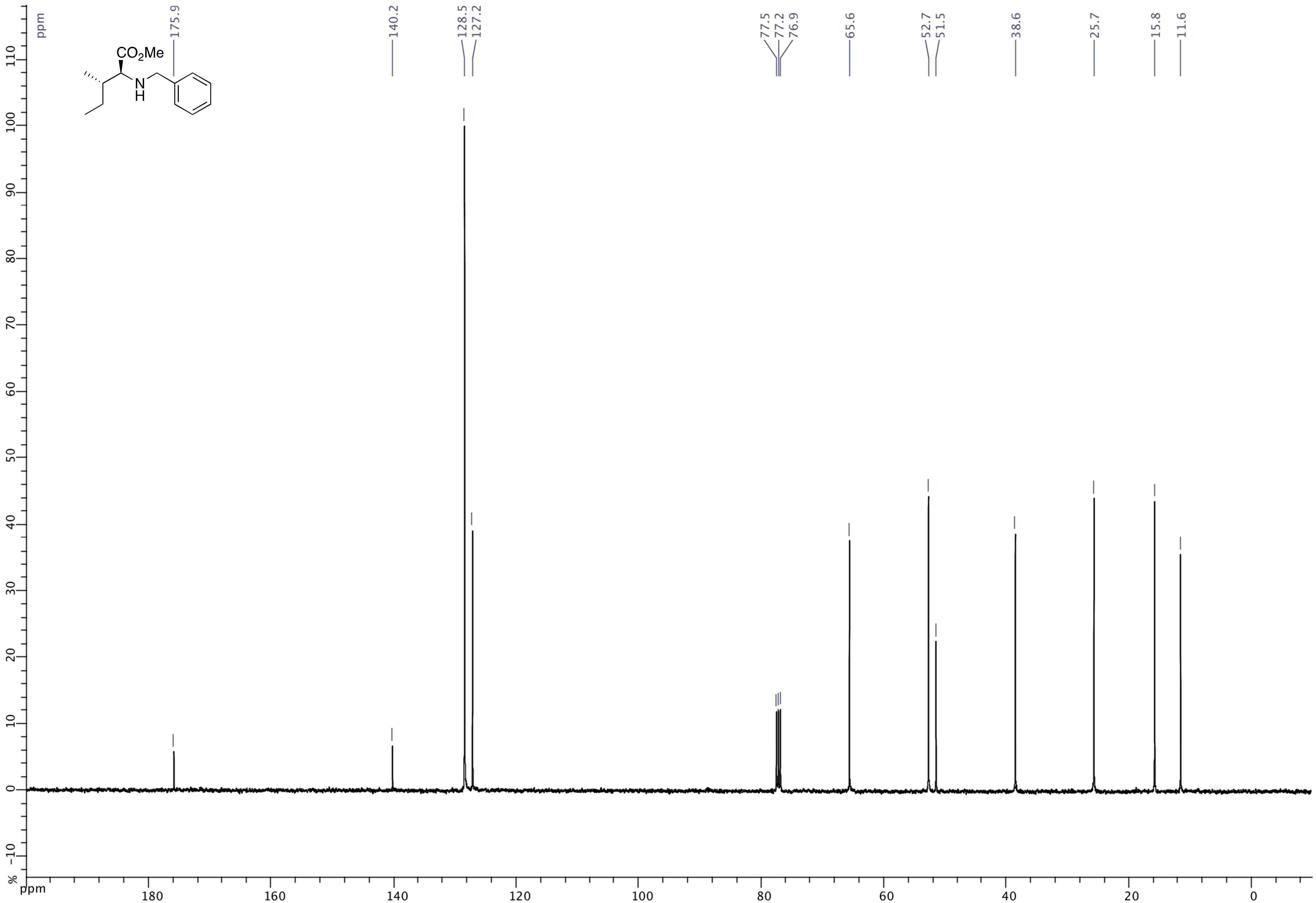
^{13}**C NMR** for **2b** (100 MHz, MeOD-d_4)



^{1}**H NMR** for **2c** (400 MHz, $CDCl_3$)

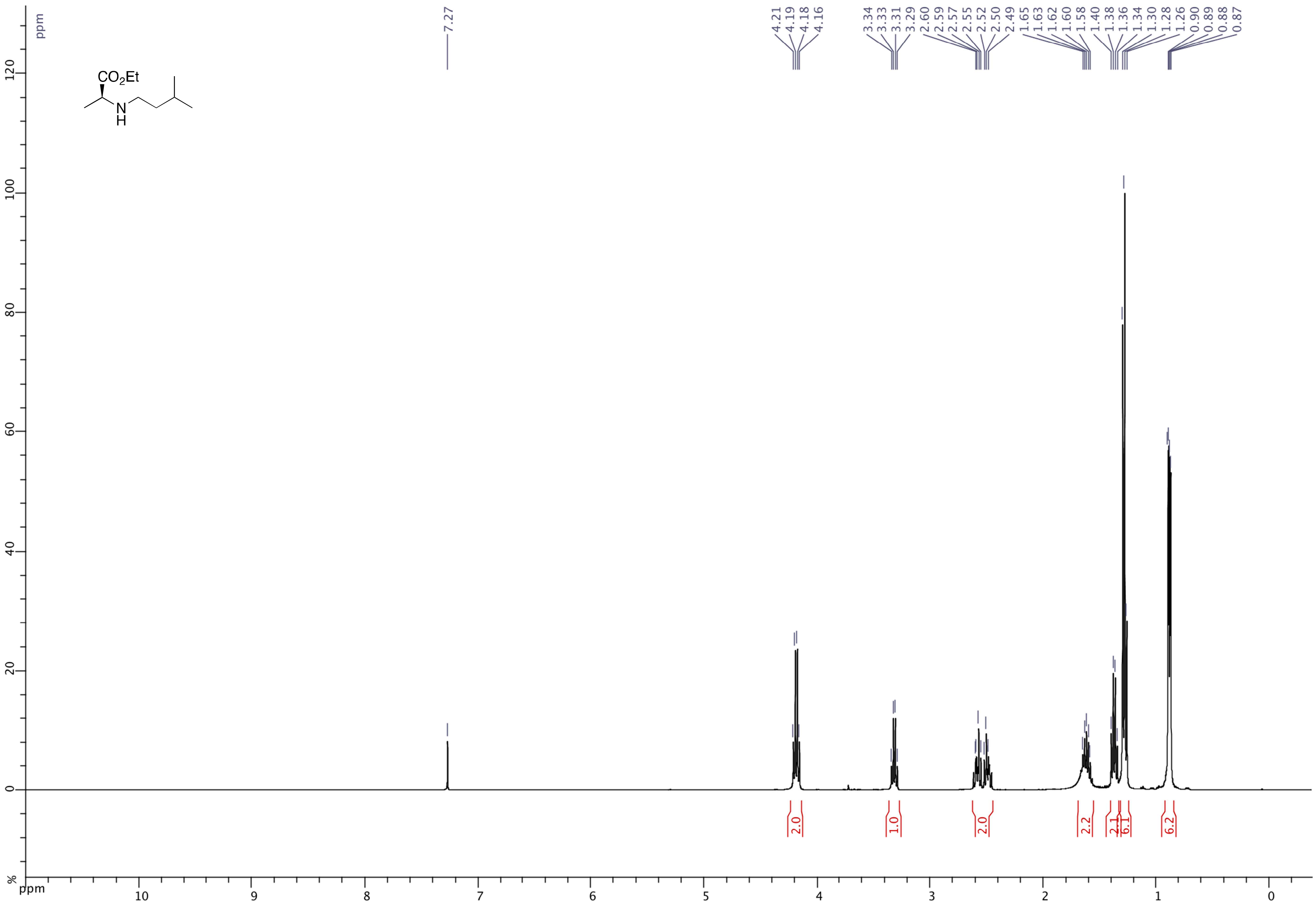


^{13}C NMR for **2c** (100 MHz, $CDCl_3$)

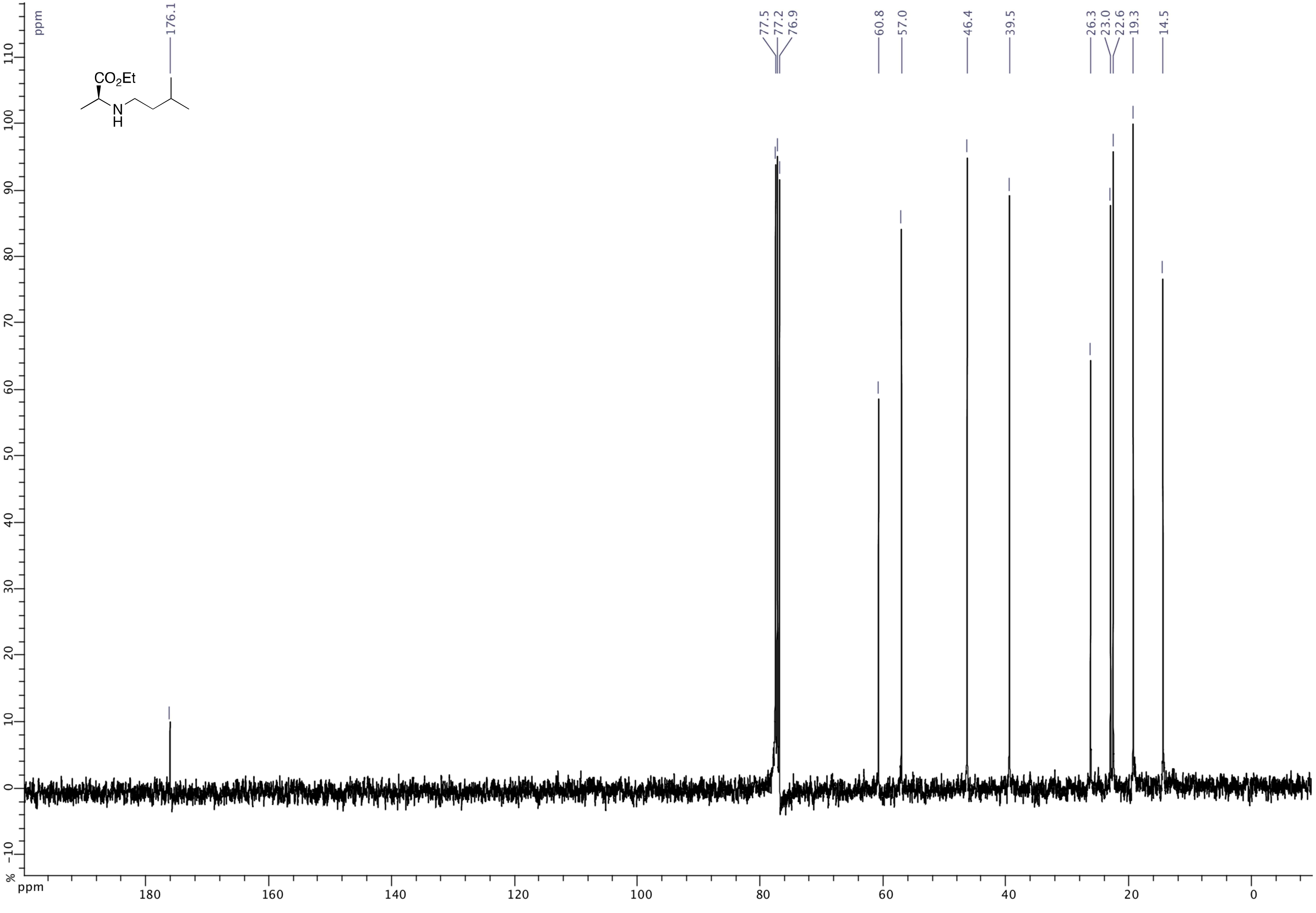


^{1}H **NMR**

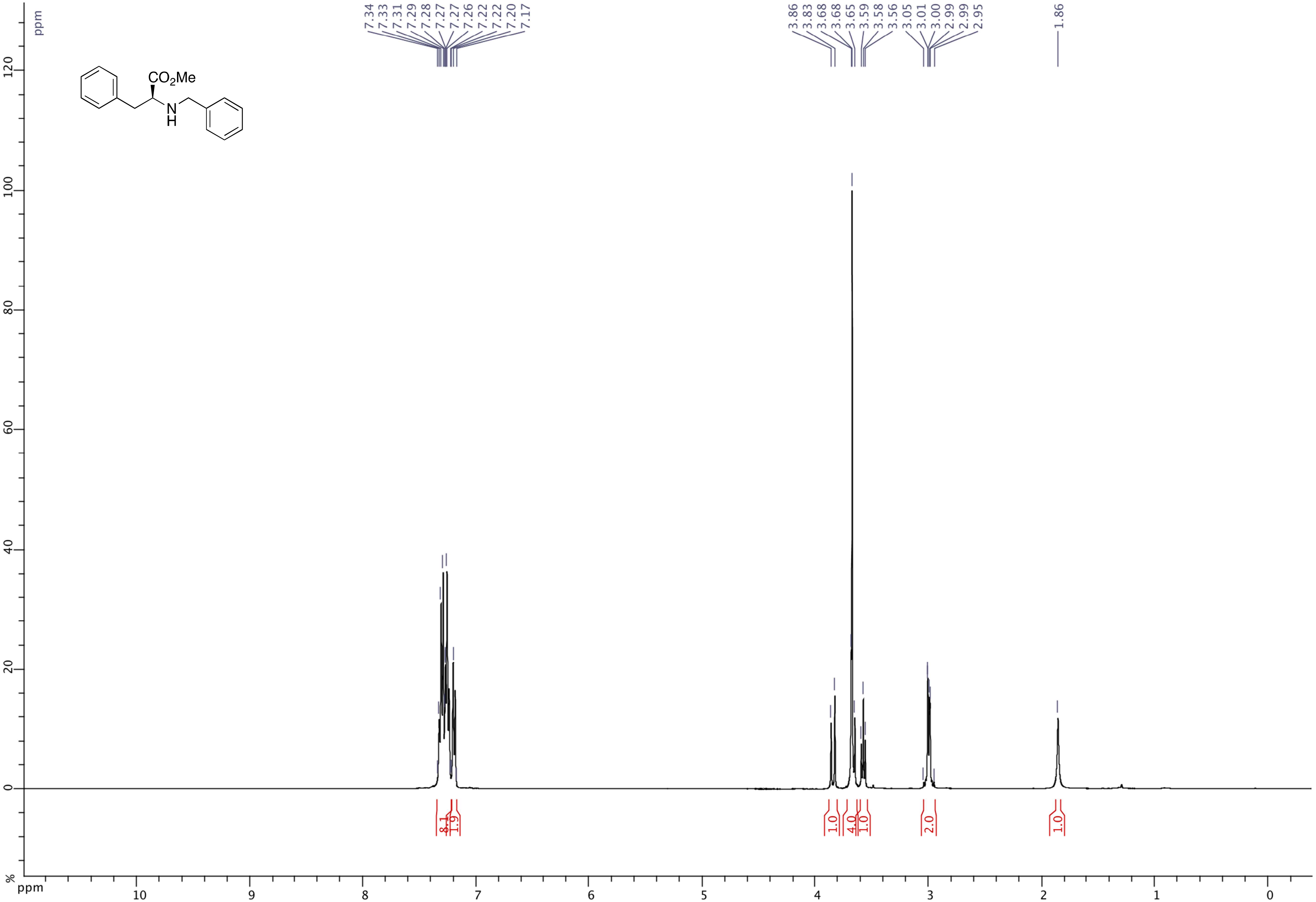
for **2d** (400 MHz, $CDCl_3$)



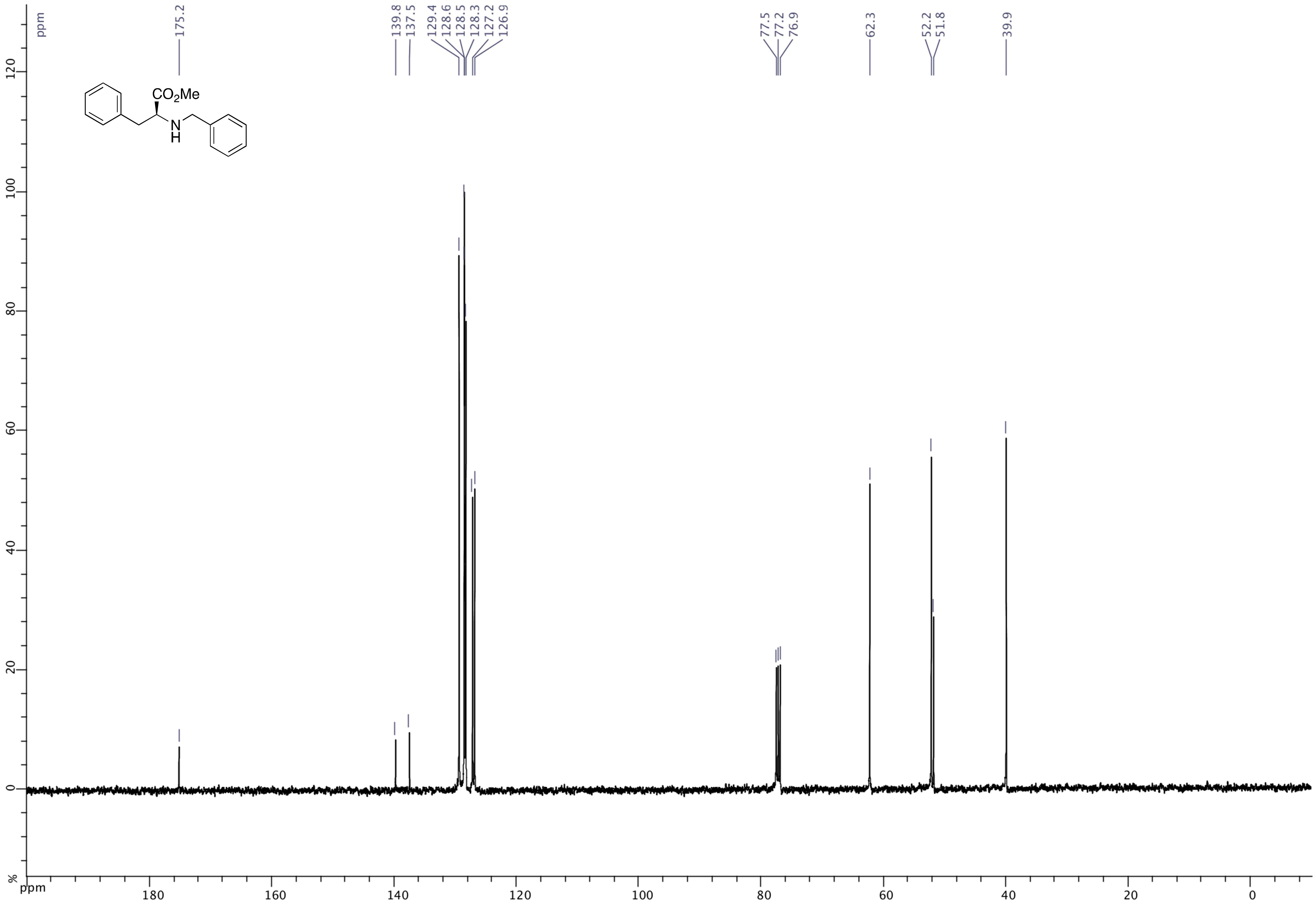
^{13}**C NMR** for **2d** (100 MHz, $CDCl_3$)



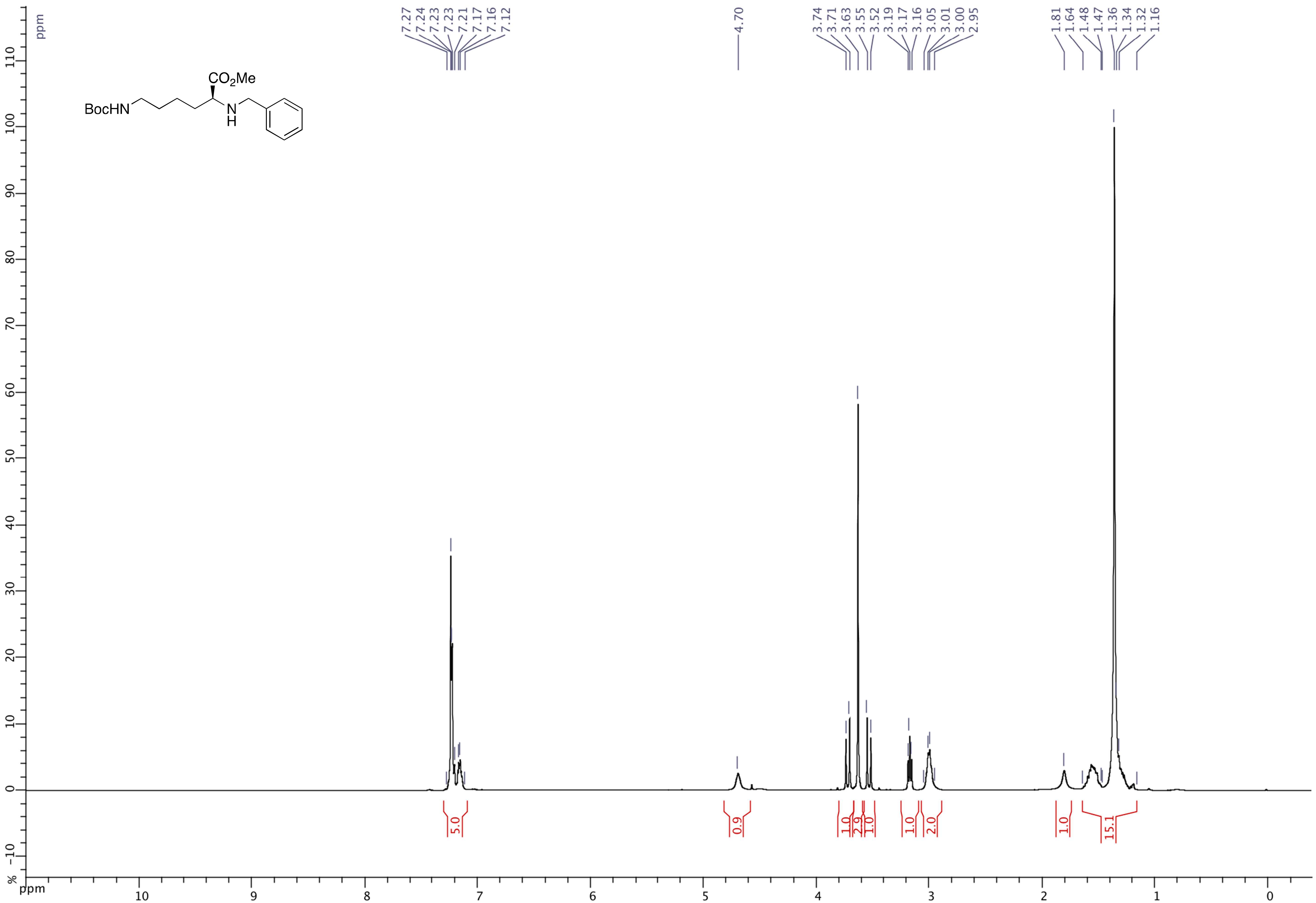
^{1}H NMR for **2e** (400 MHz, $CDCl_3$)



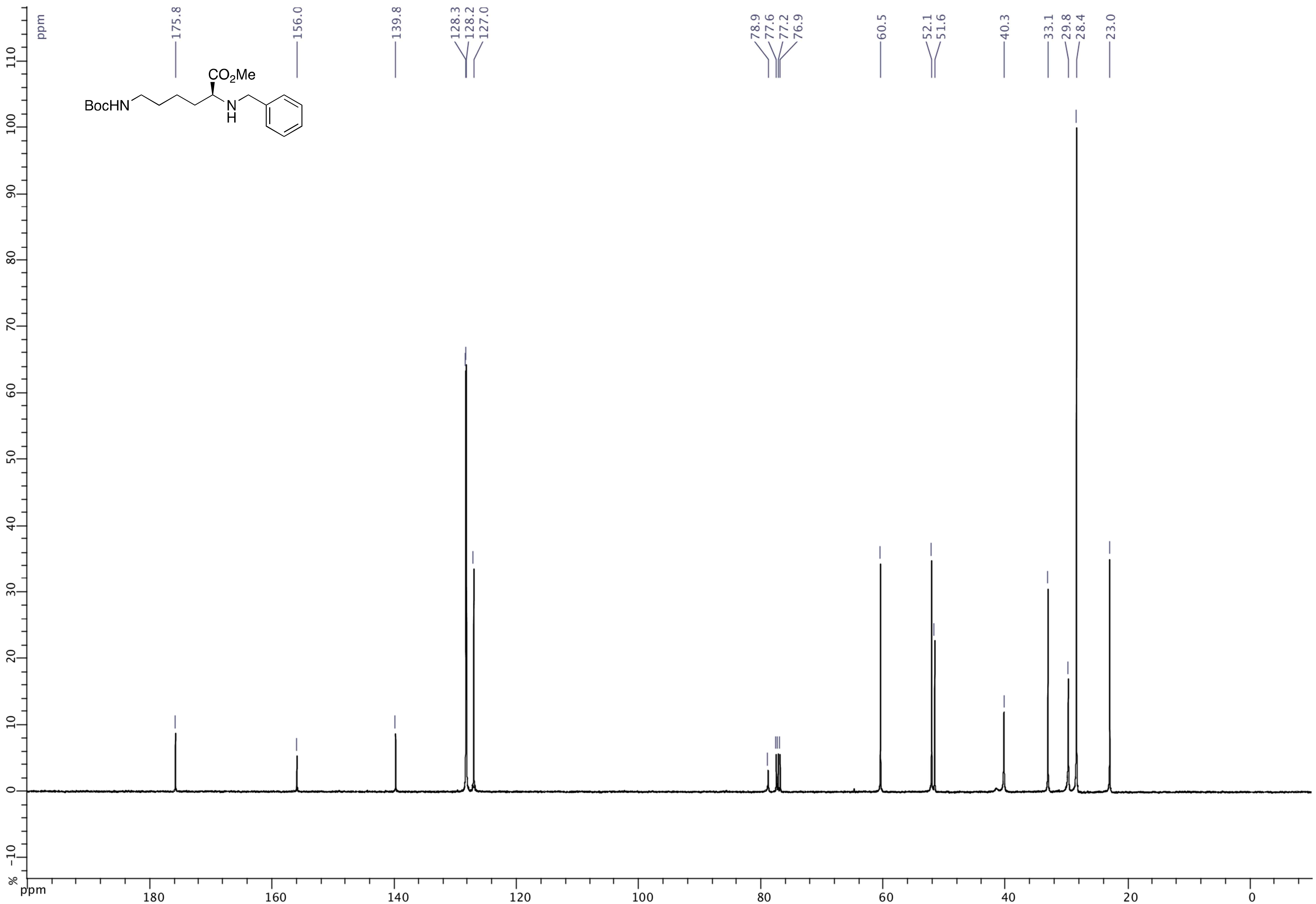
^{13}C NMR for **2e** (100 MHz, $CDCl_3$)



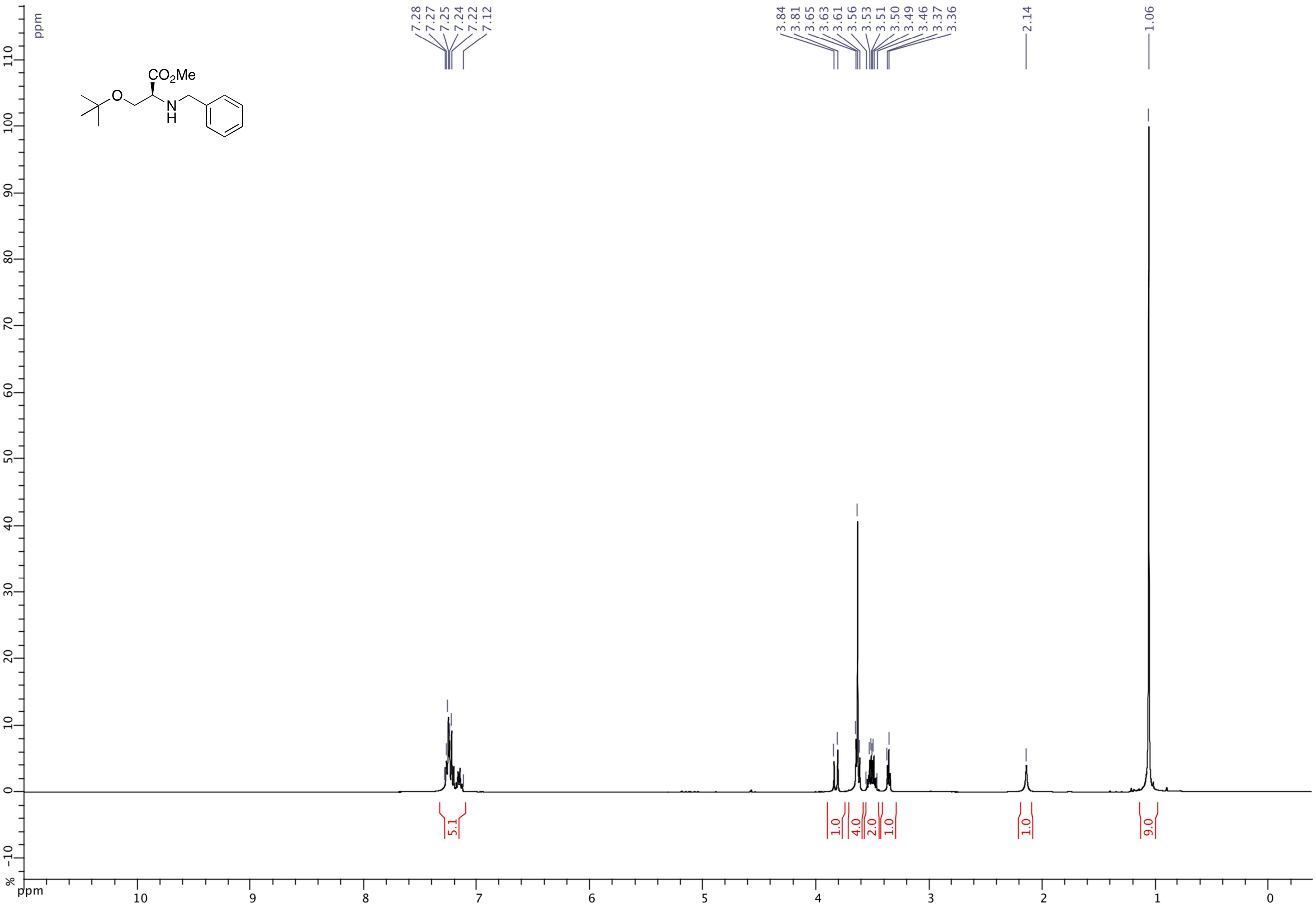
^{1}**H NMR** for **2f** (400 MHz, $CDCl_3$)



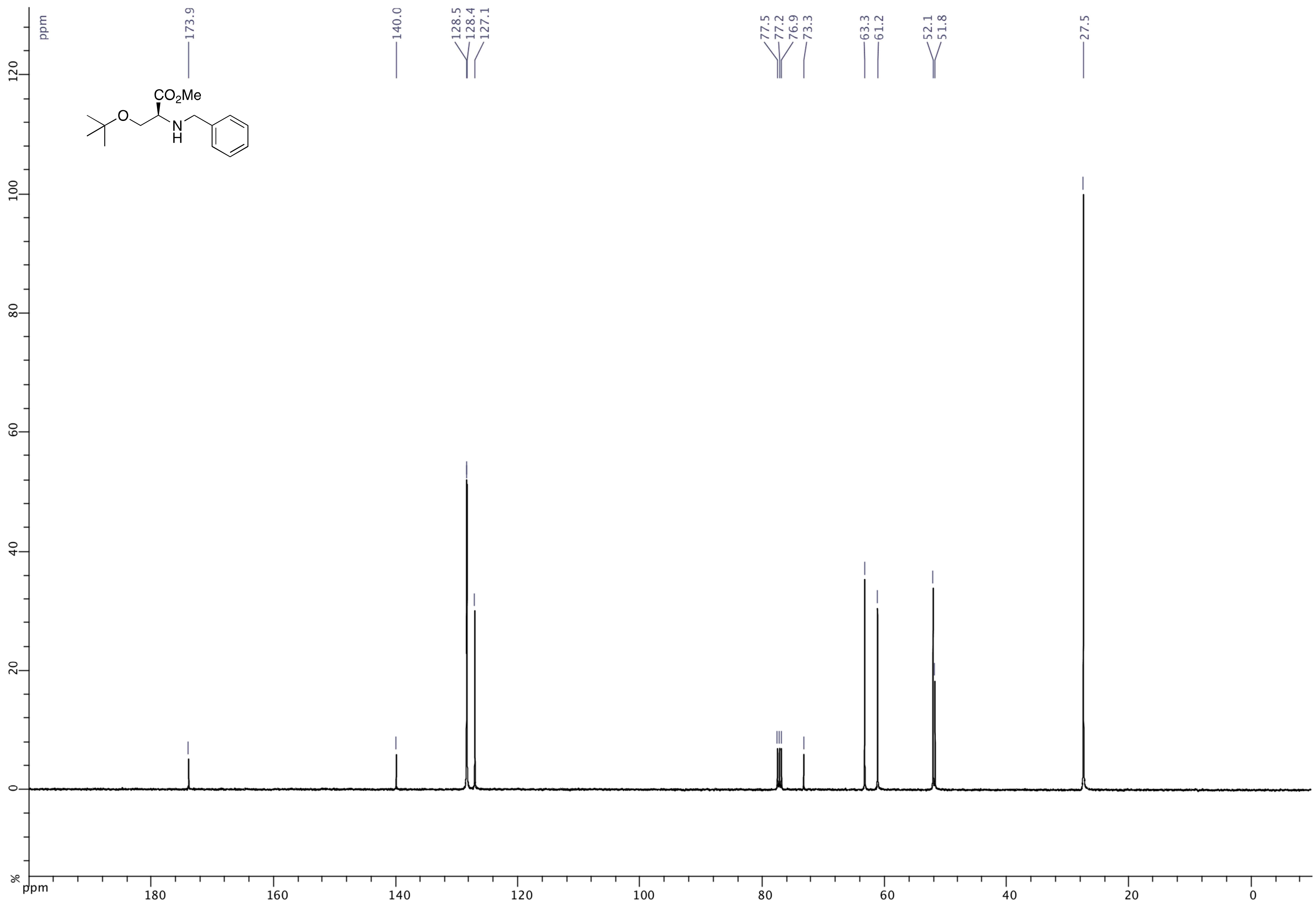
^{13}**C NMR** for **2f** (100 MHz, $CDCl_3$)



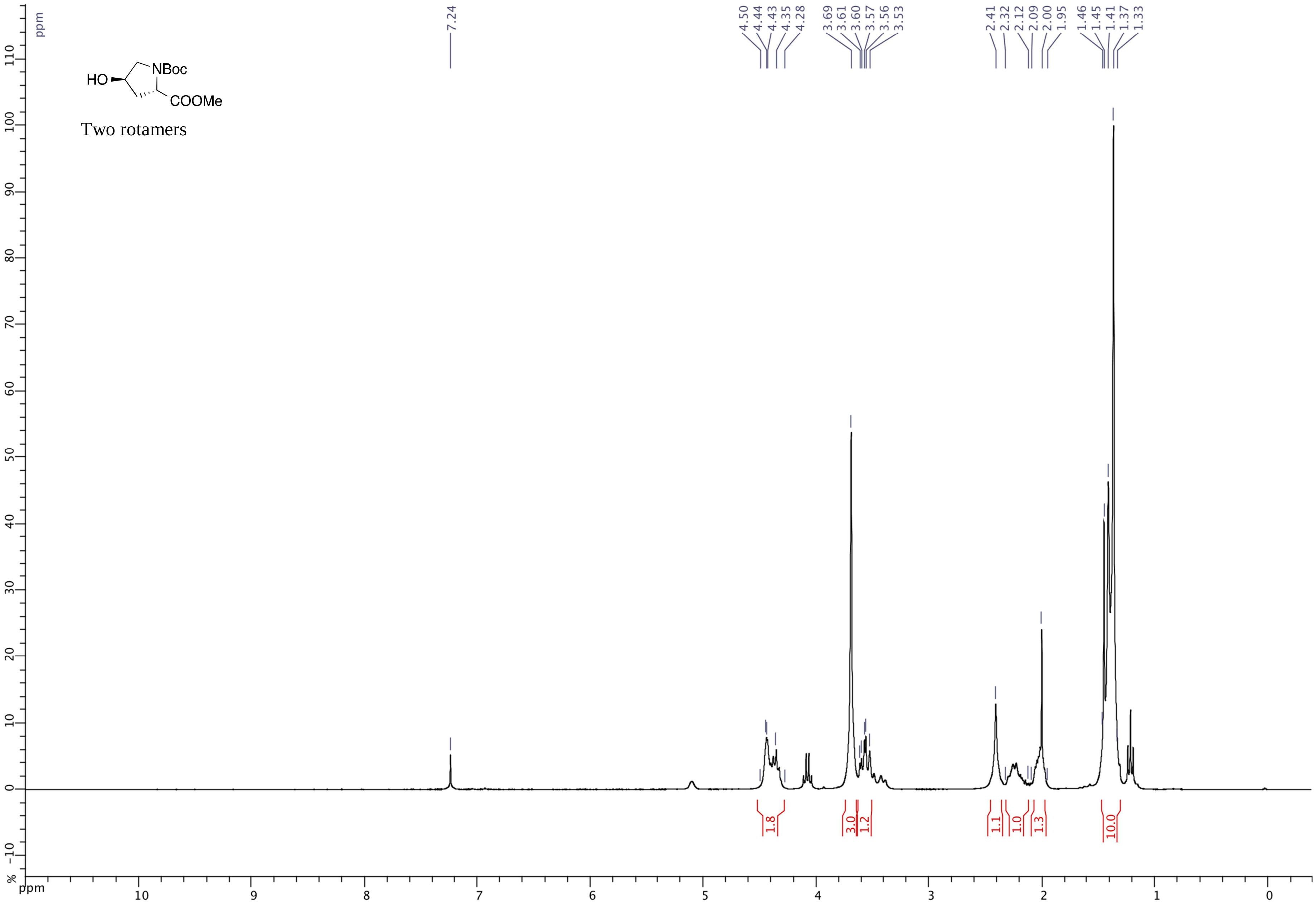
^{1}**H NMR** for **2g** (400 MHz, $CDCl_3$)



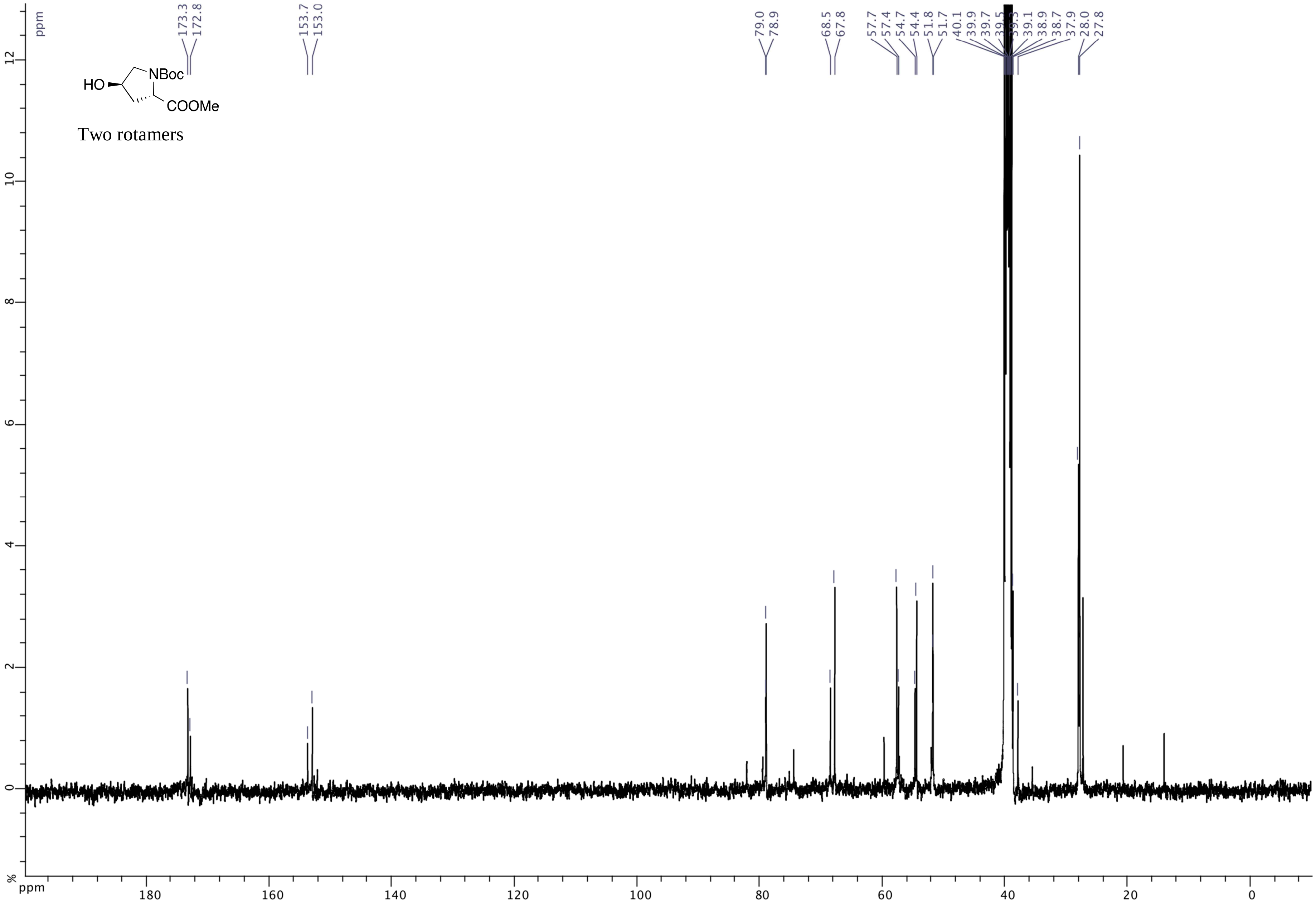
^{13}**C NMR** for **2g** (100 MHz, $CDCl_3$)



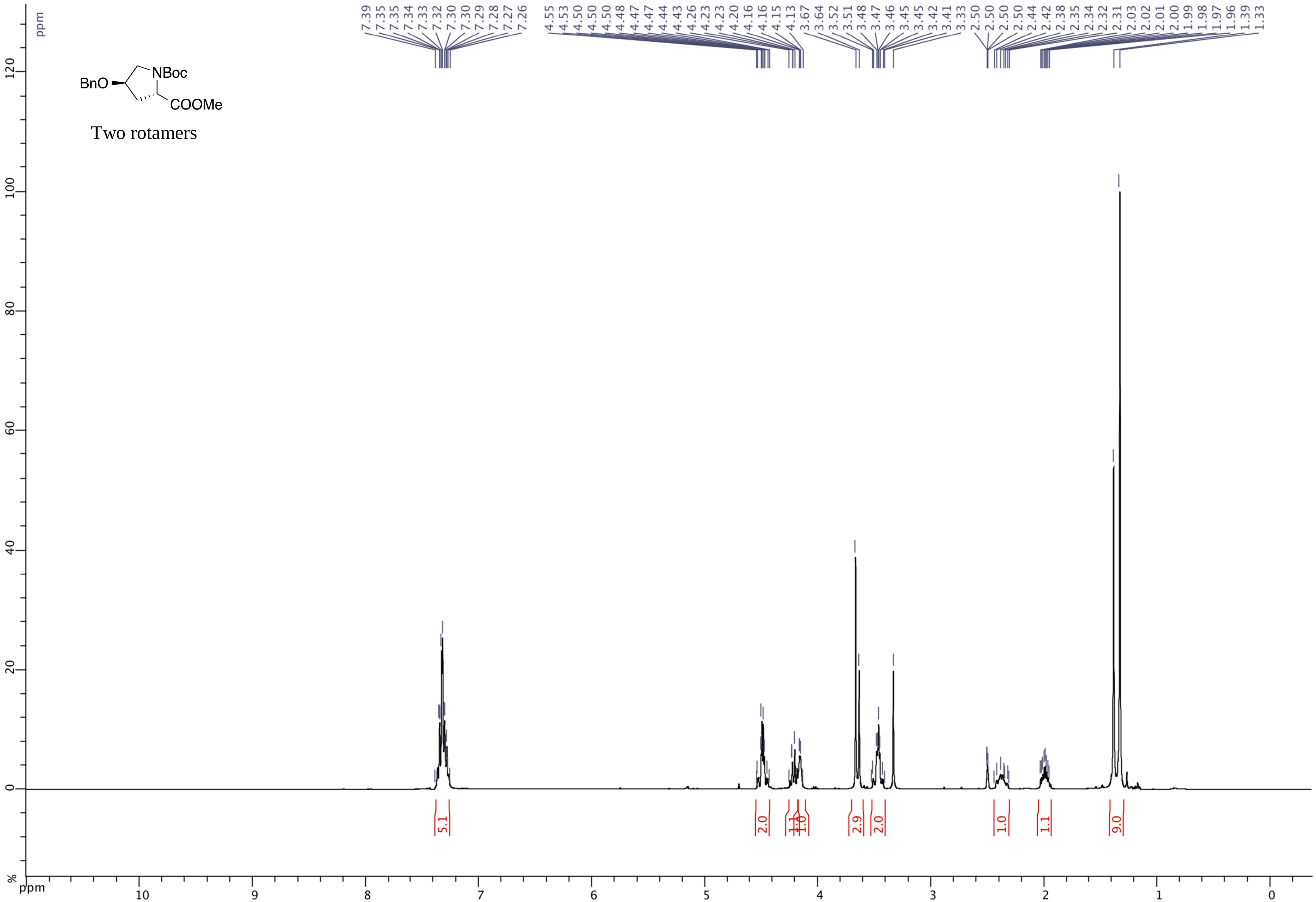
^{1}H NMR for **I** (400 MHz, $CDCl_3$)



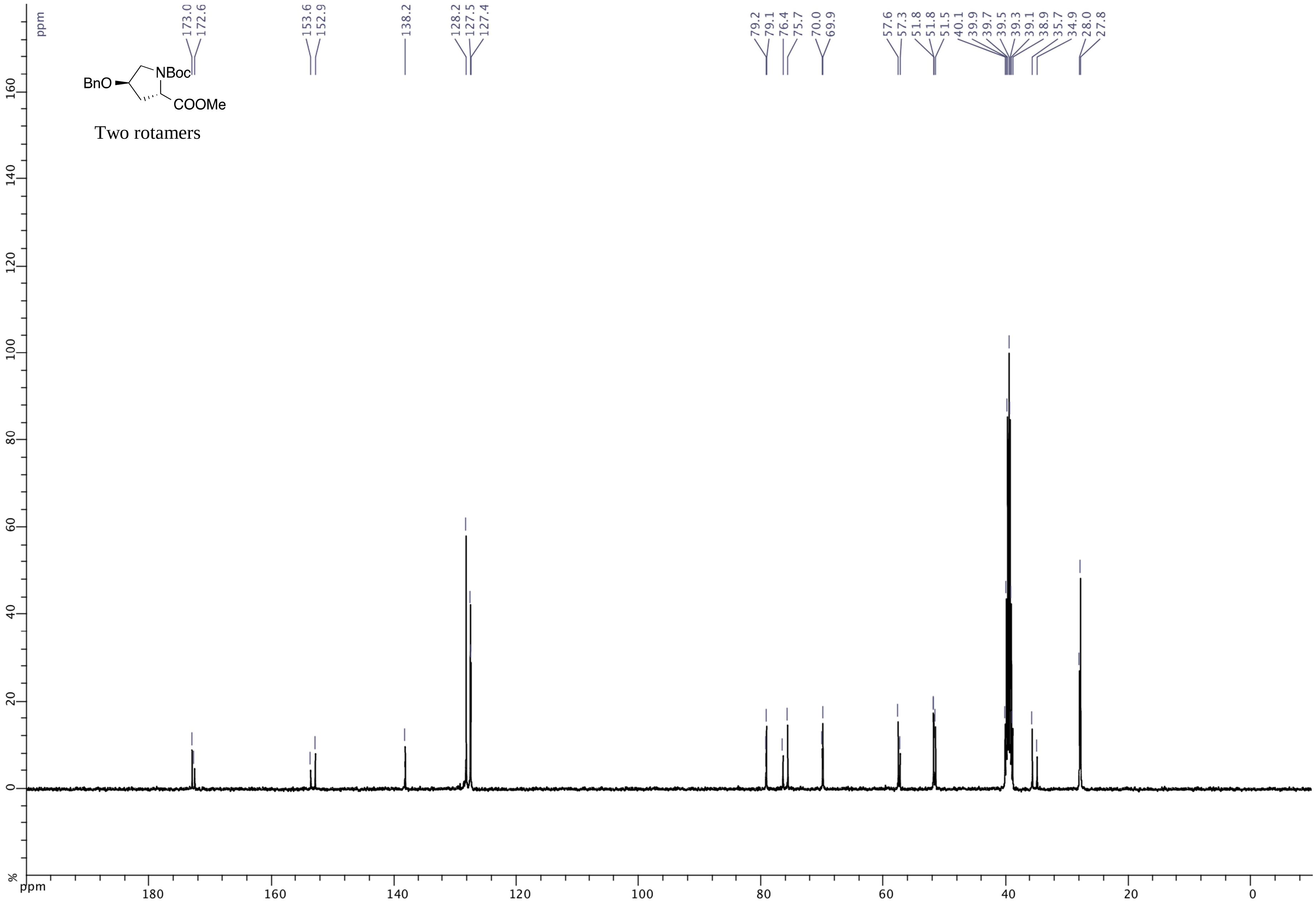
^{13}C NMR for **I** (100 MHz, DMSO-d_6)



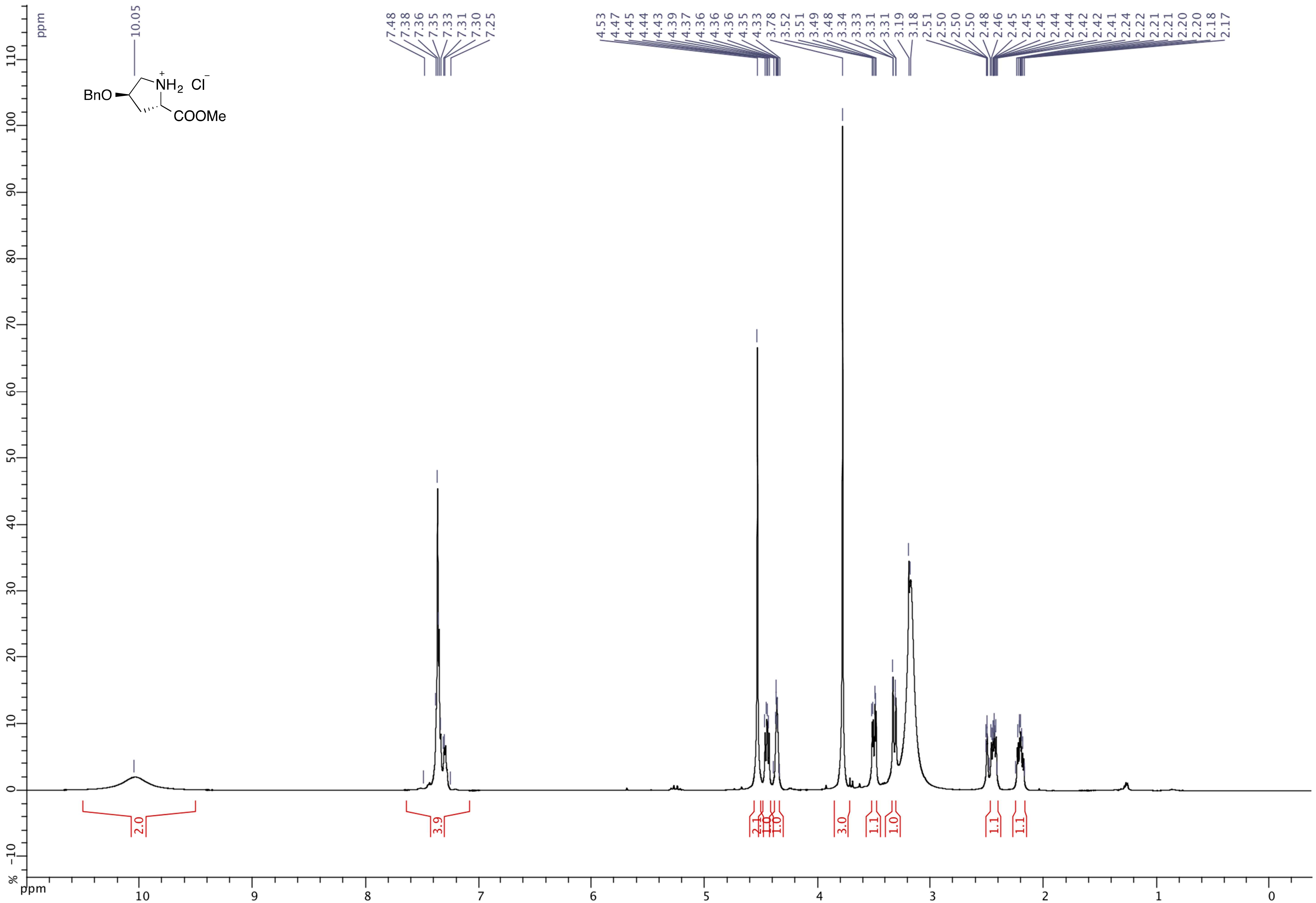
[1]H NMR for II (400 MHz, DMSO-d_6)



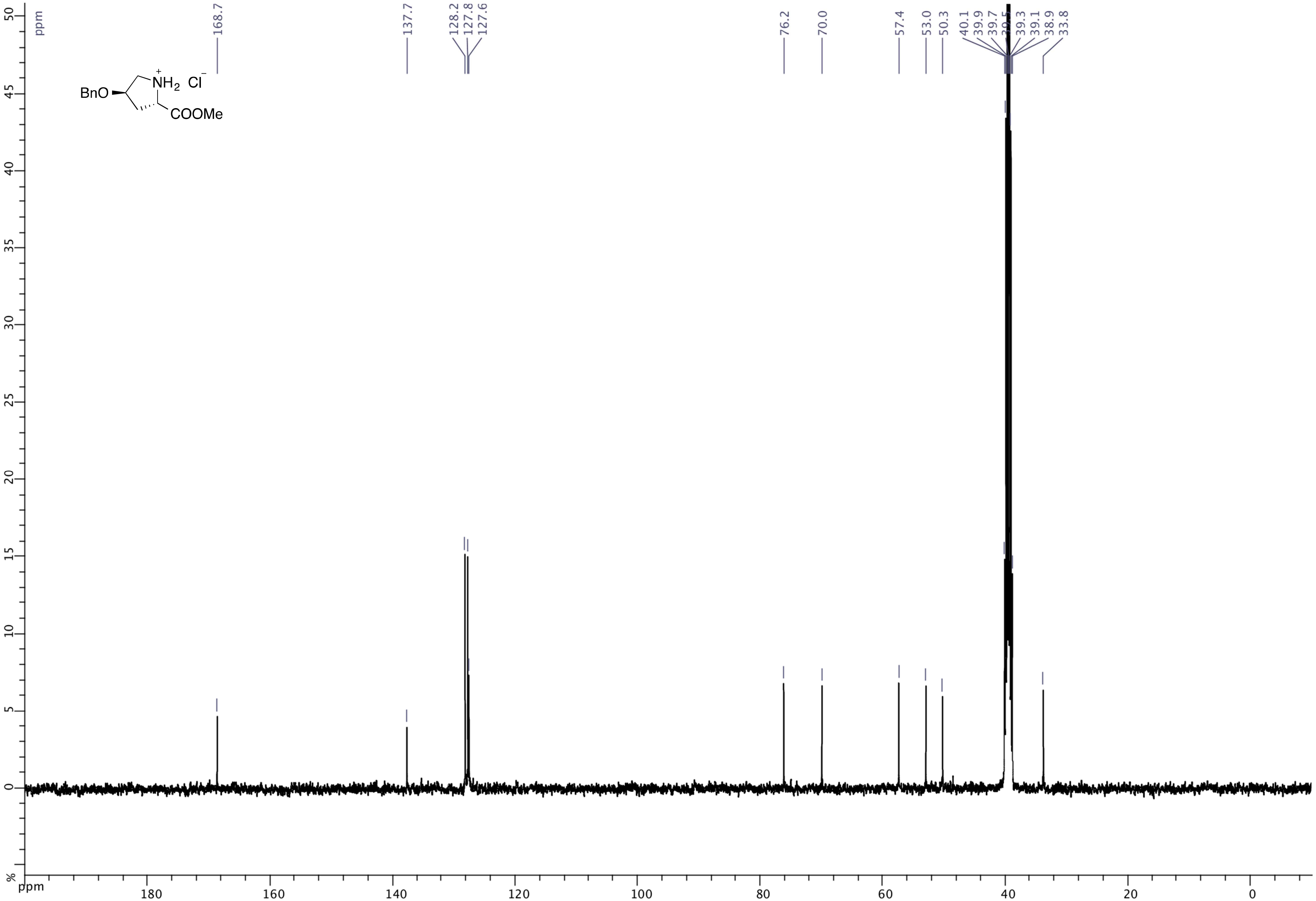
^{13}**C NMR** for **II** (100 MHz, DMSO-d_6)



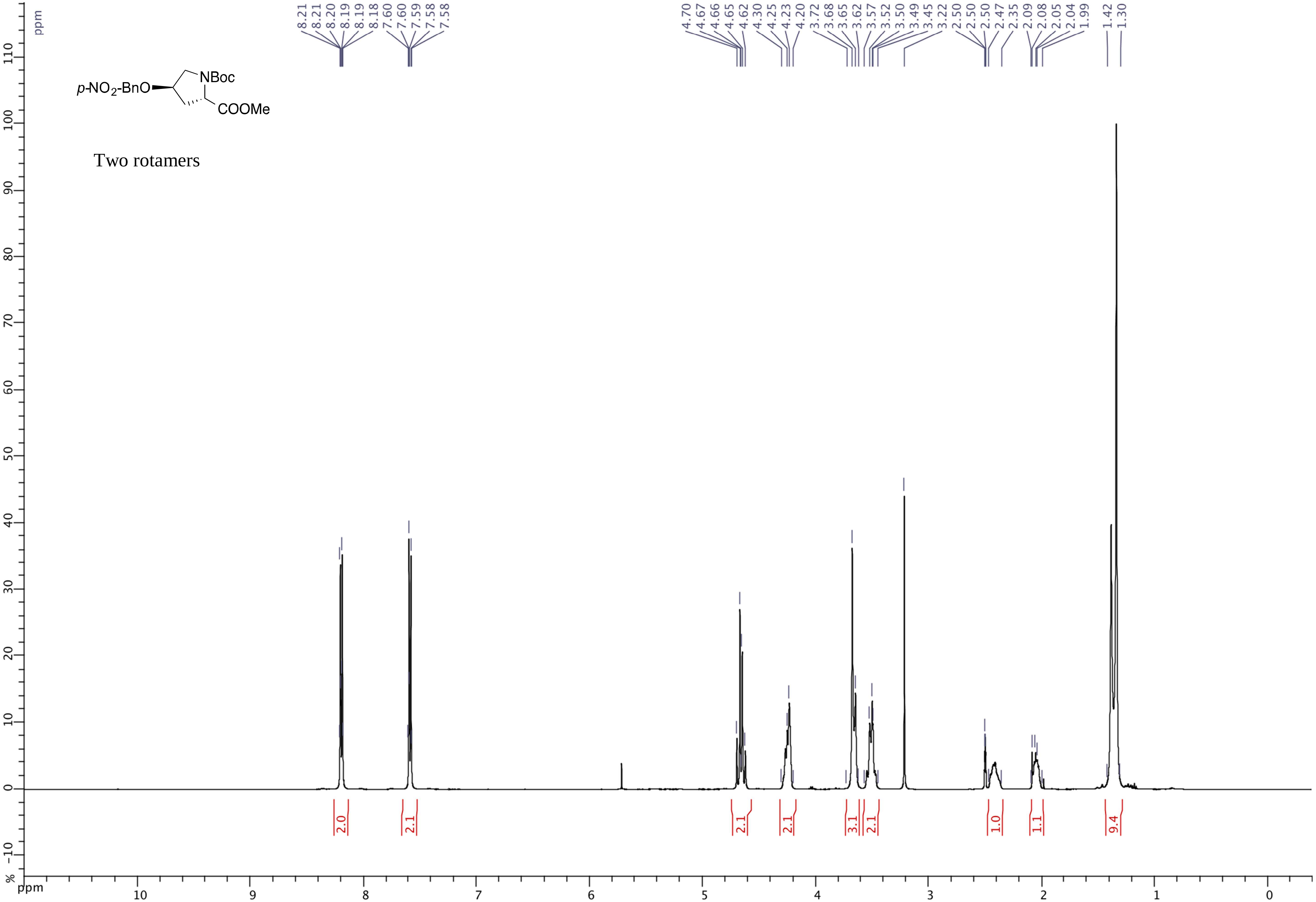
^{1}H NMR for **2i** (500 MHz, DMSO-d_6, 100 °C)



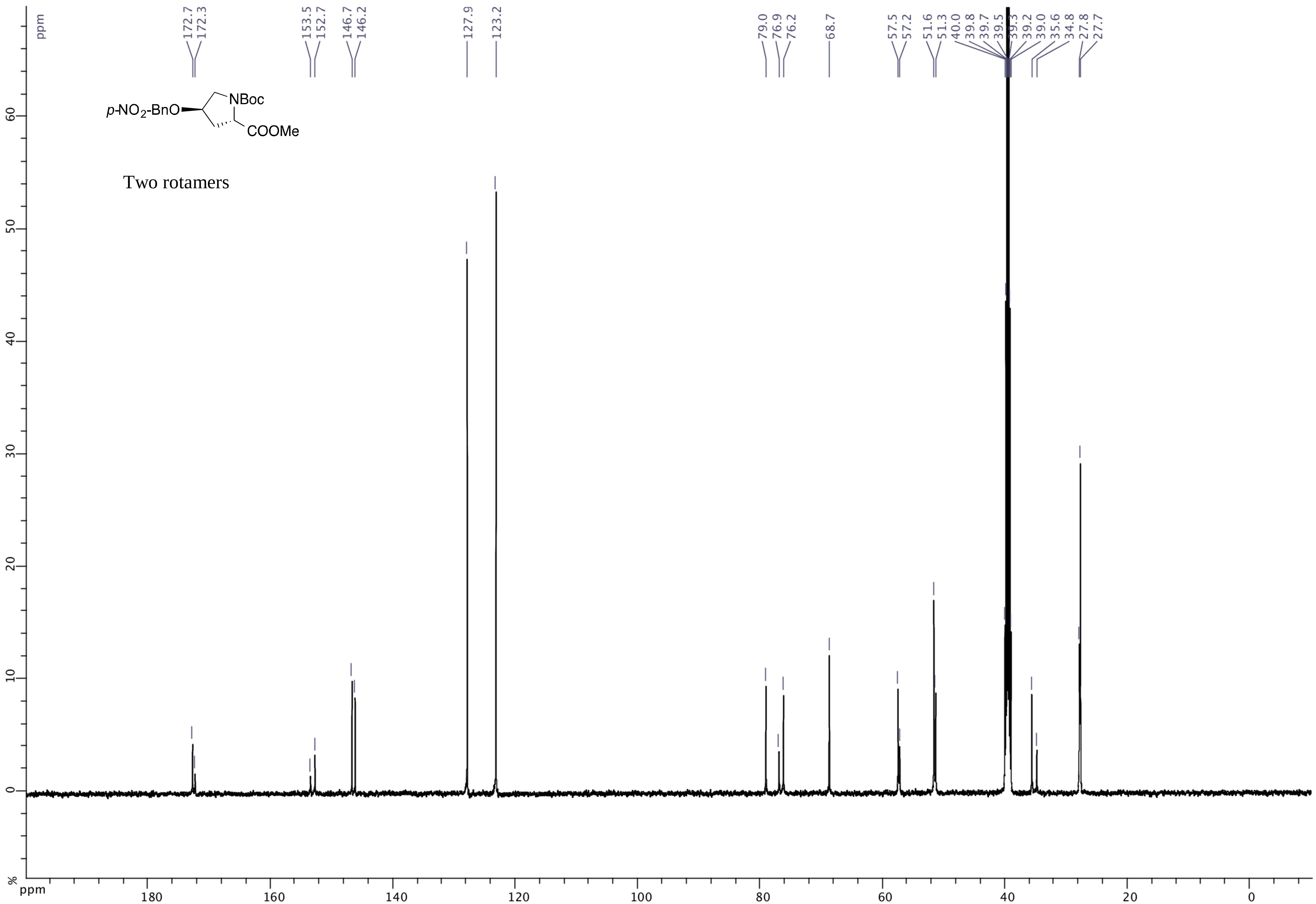
^{13}C NMR for **2i** (125 MHz, DMSO-d_6)



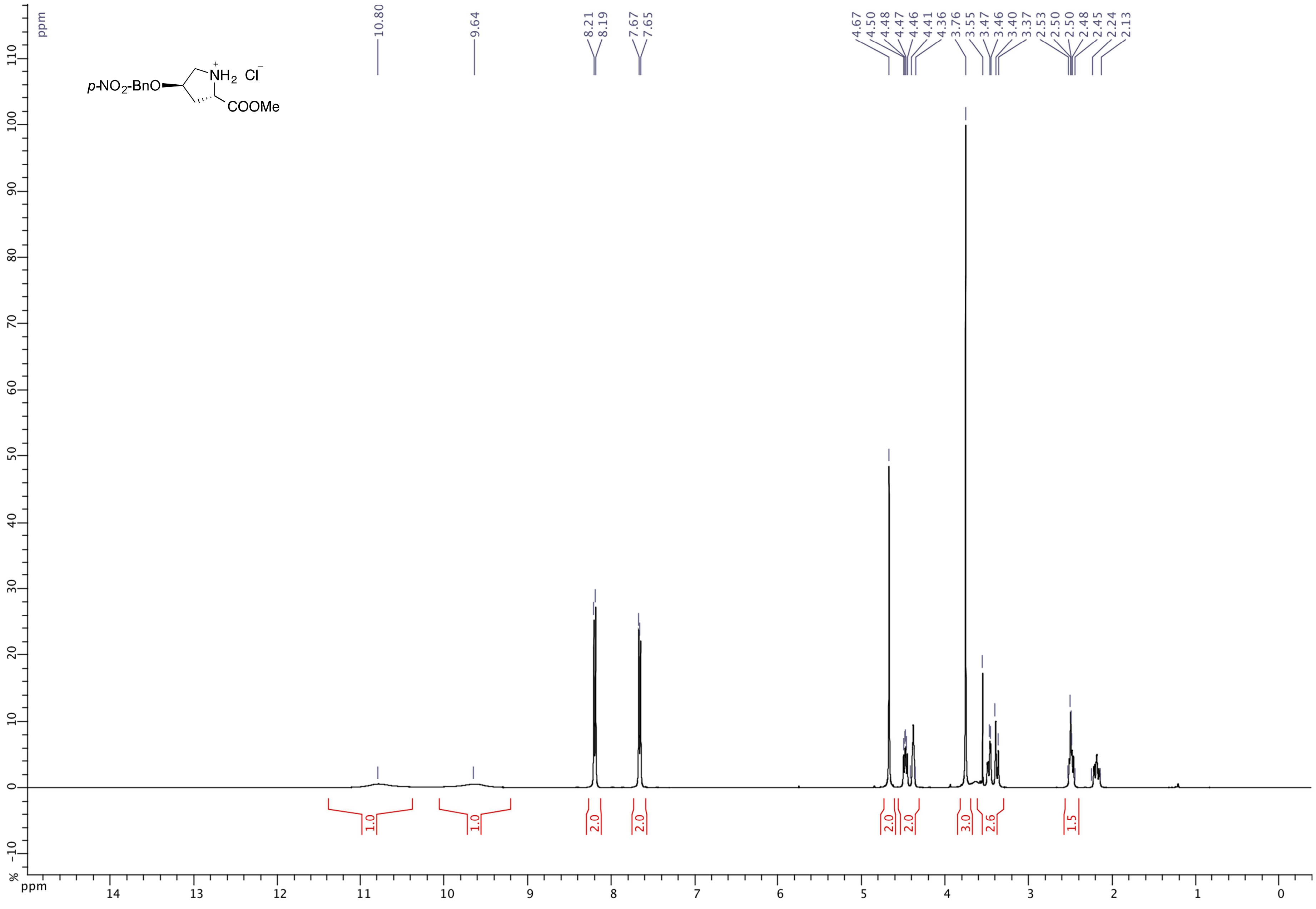
^{1}H NMR for **III** (500 MHz, DMSO-d_6, 80 °C)



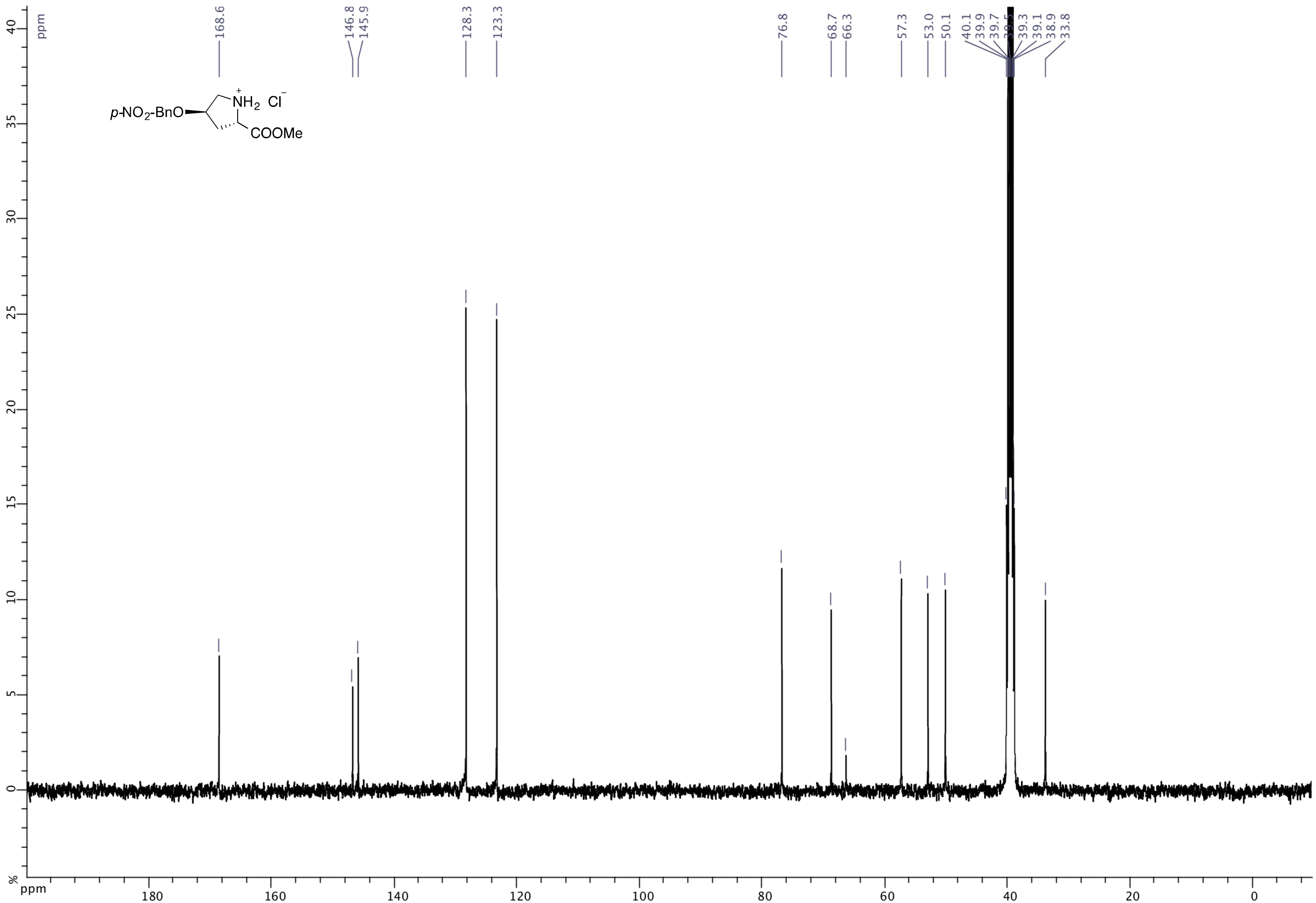
^{13}**C NMR** for **III** (125 MHz, DMSO-d_6, 80 °C)



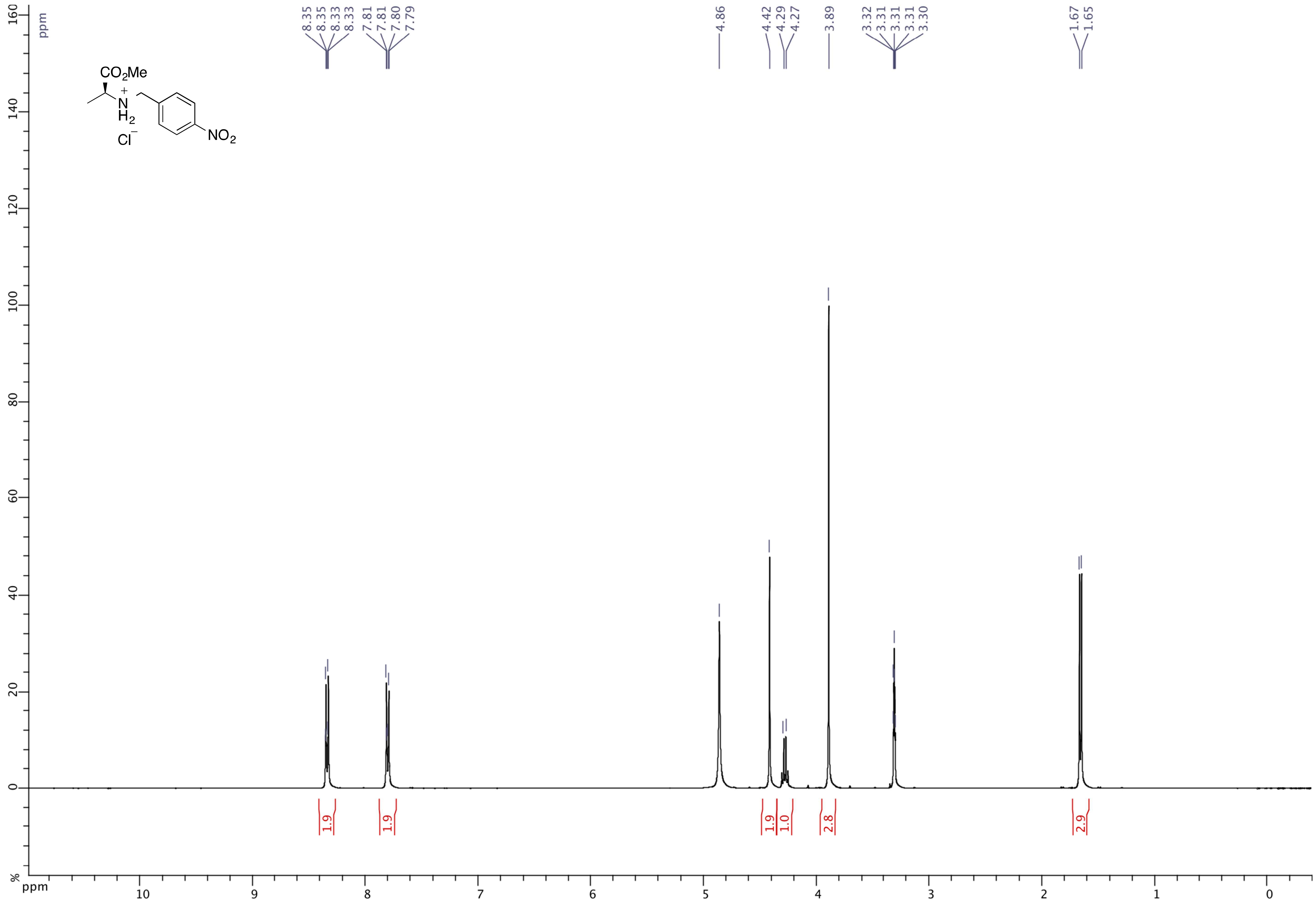
^{1}**H NMR** for **2j** (400 MHz, DMSO-d_6)



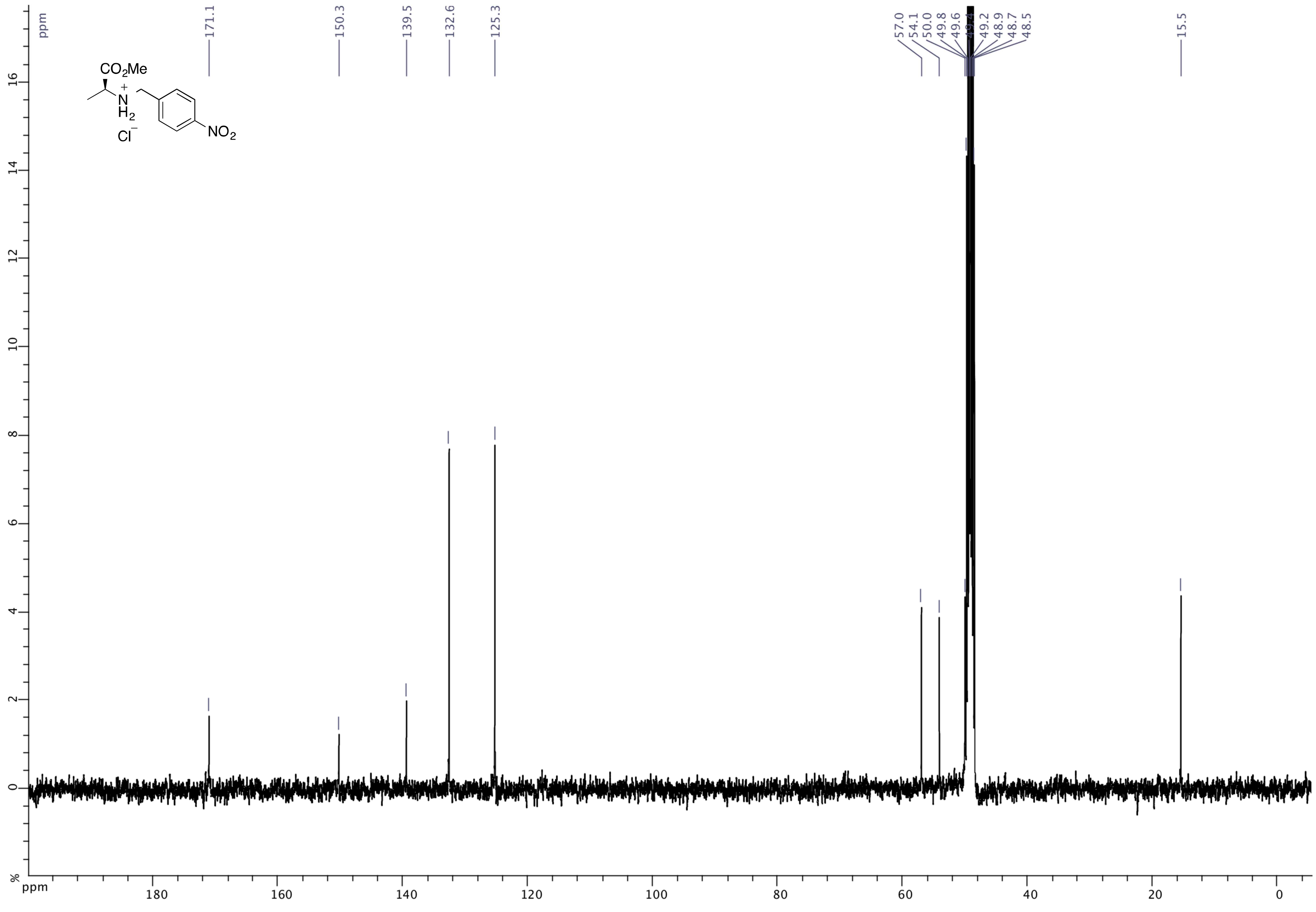
^{13}C NMR for **2j** (100 MHz, DMSO-d_6)



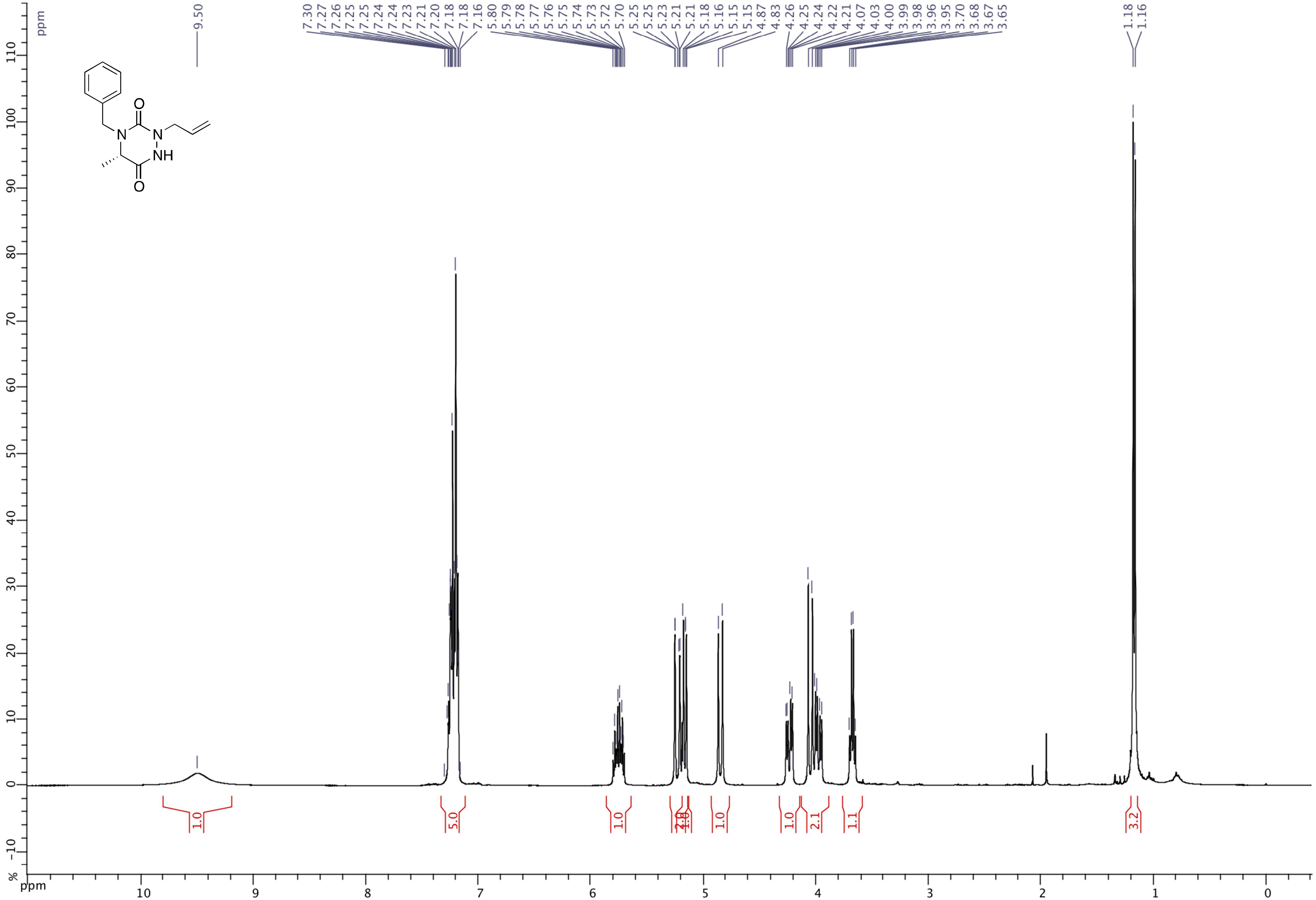
^{1}H NMR for **2l** (400 MHz, MeOD-d_4)



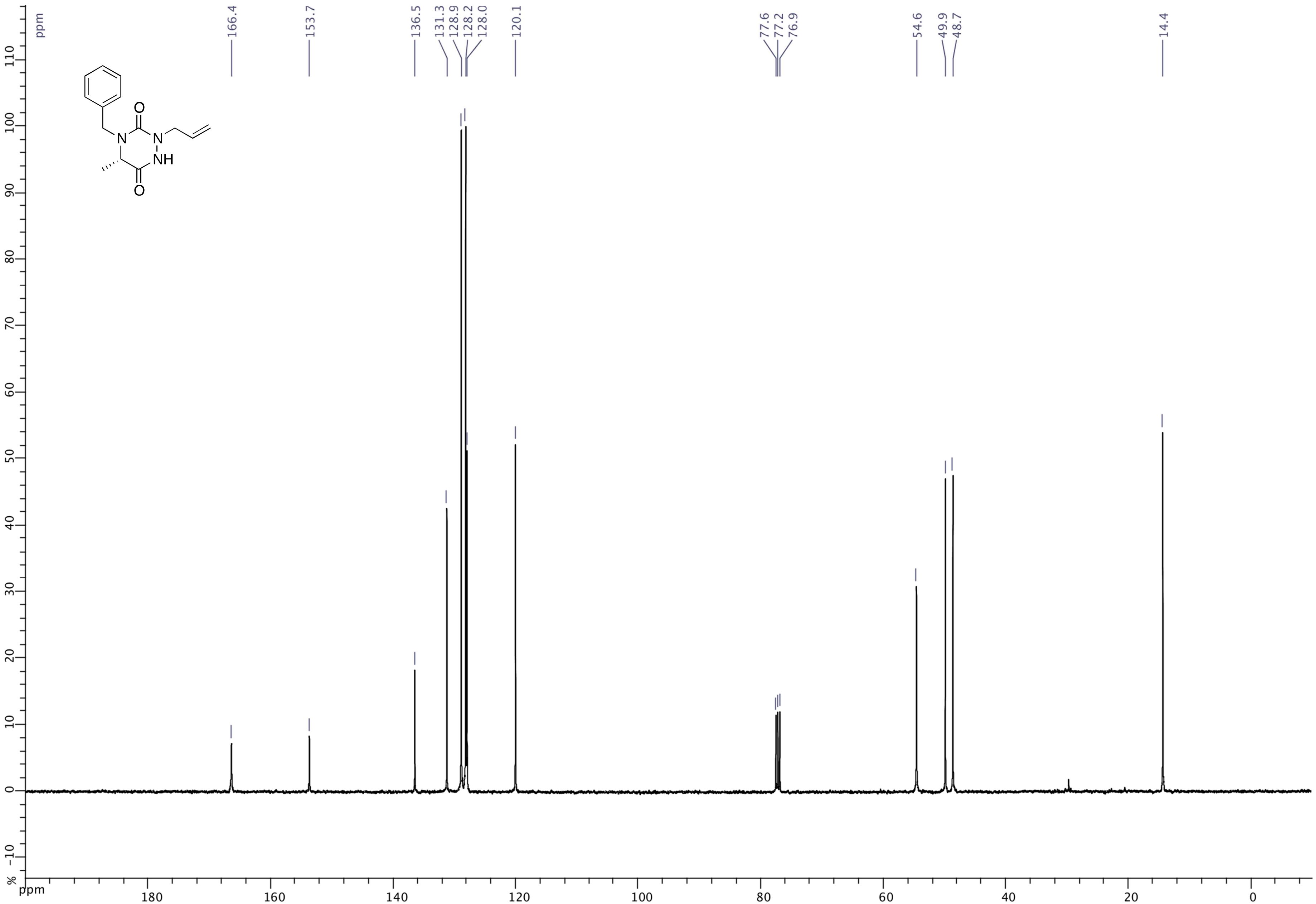
^{13}C NMR for **2l** (100 MHz, MeOD-d_4)



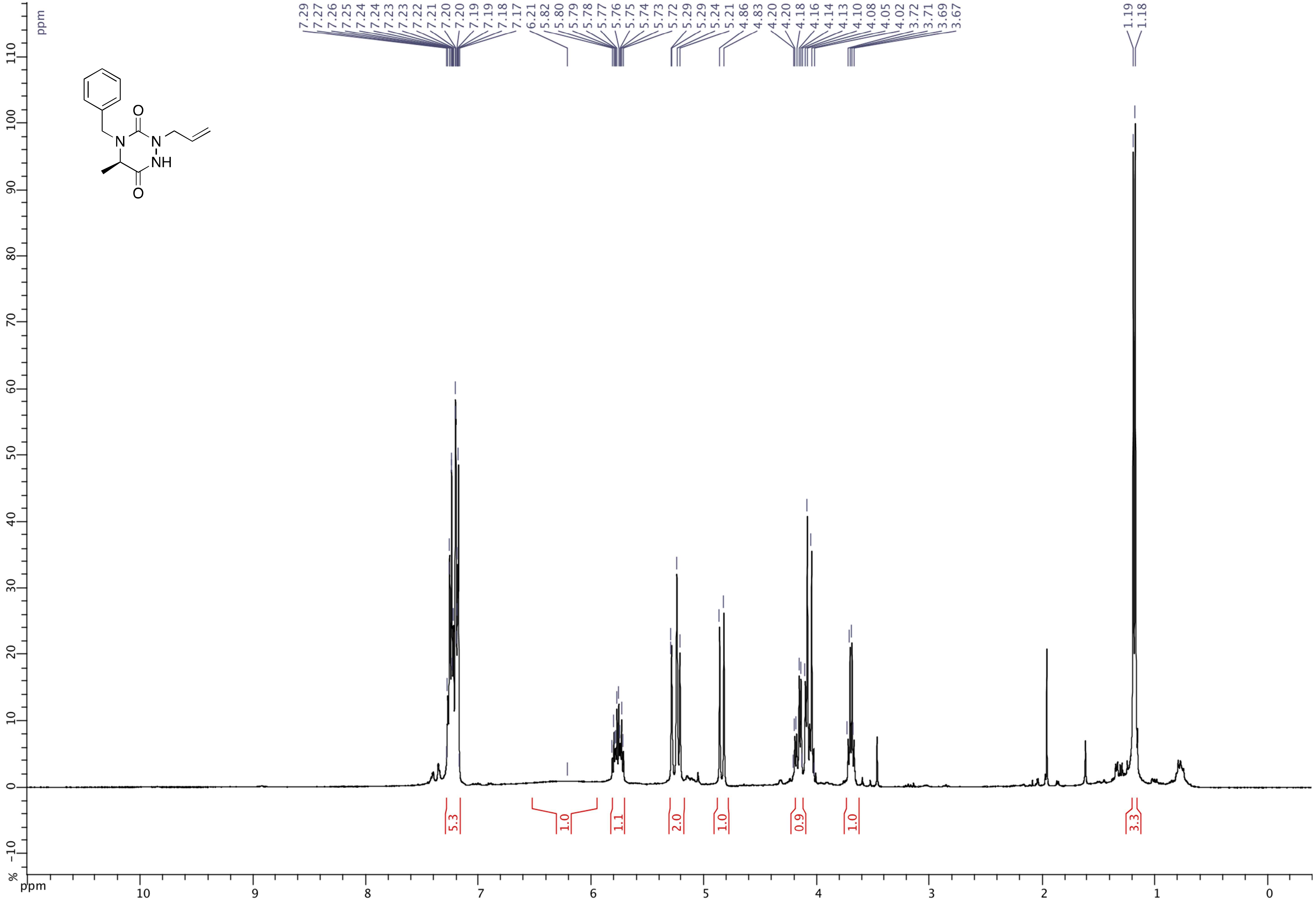
[1]H NMR for 4a (400 MHz, CDCl$_3$)



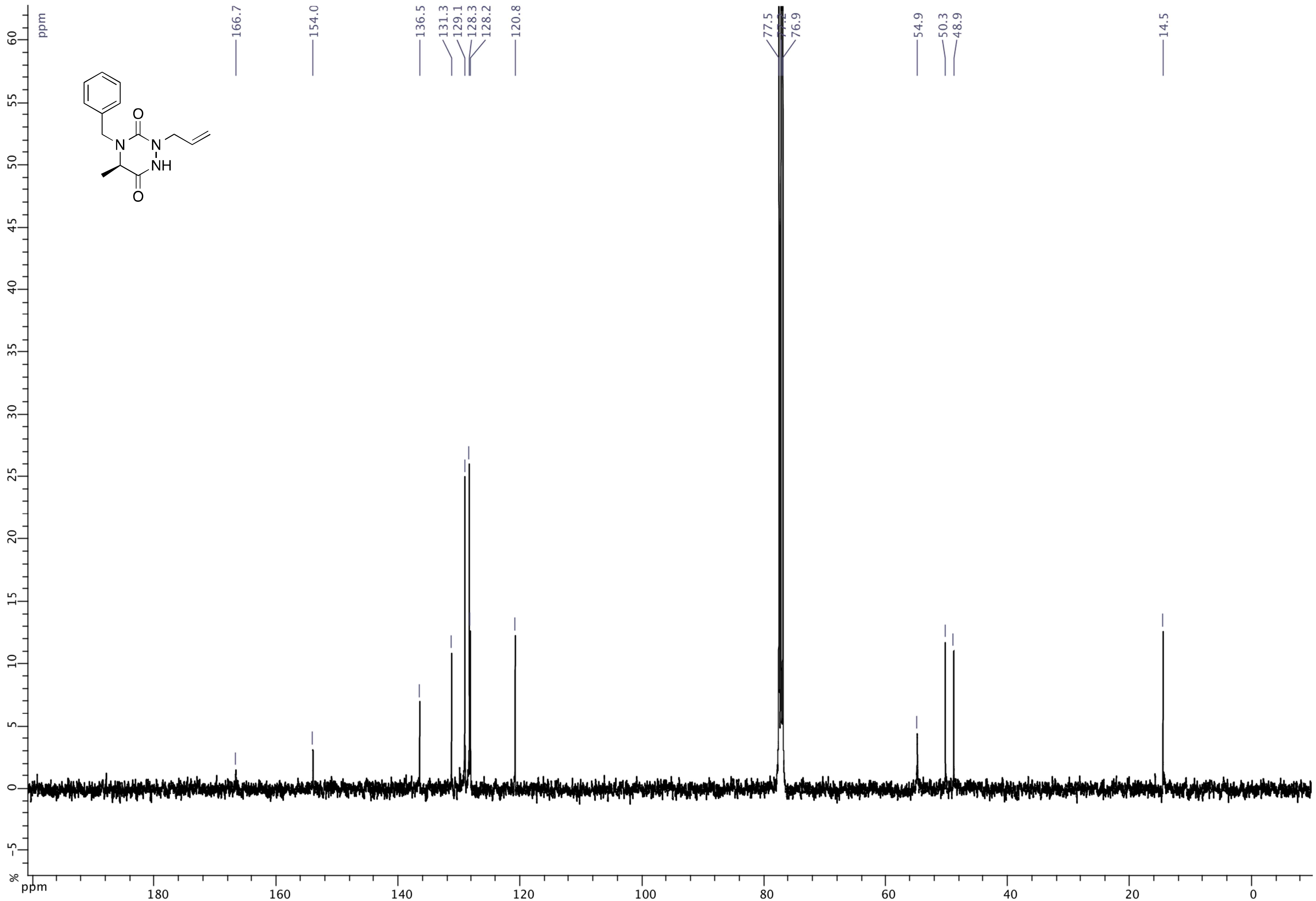
^{13}C NMR for **4a** (100 MHz, $CDCl_3$)



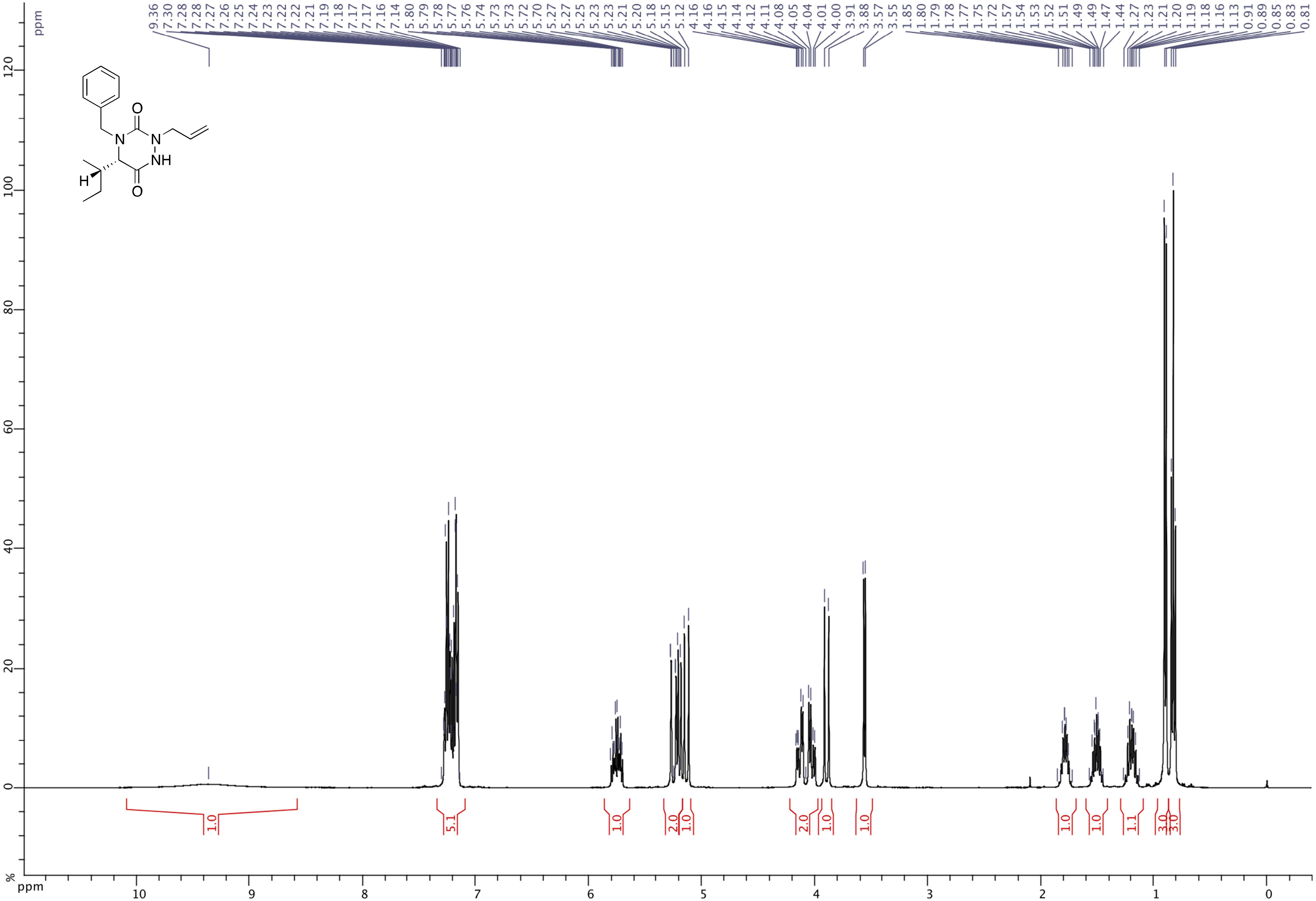
^{1}**H NMR** for **4b** (400 MHz, $CDCl_3$)



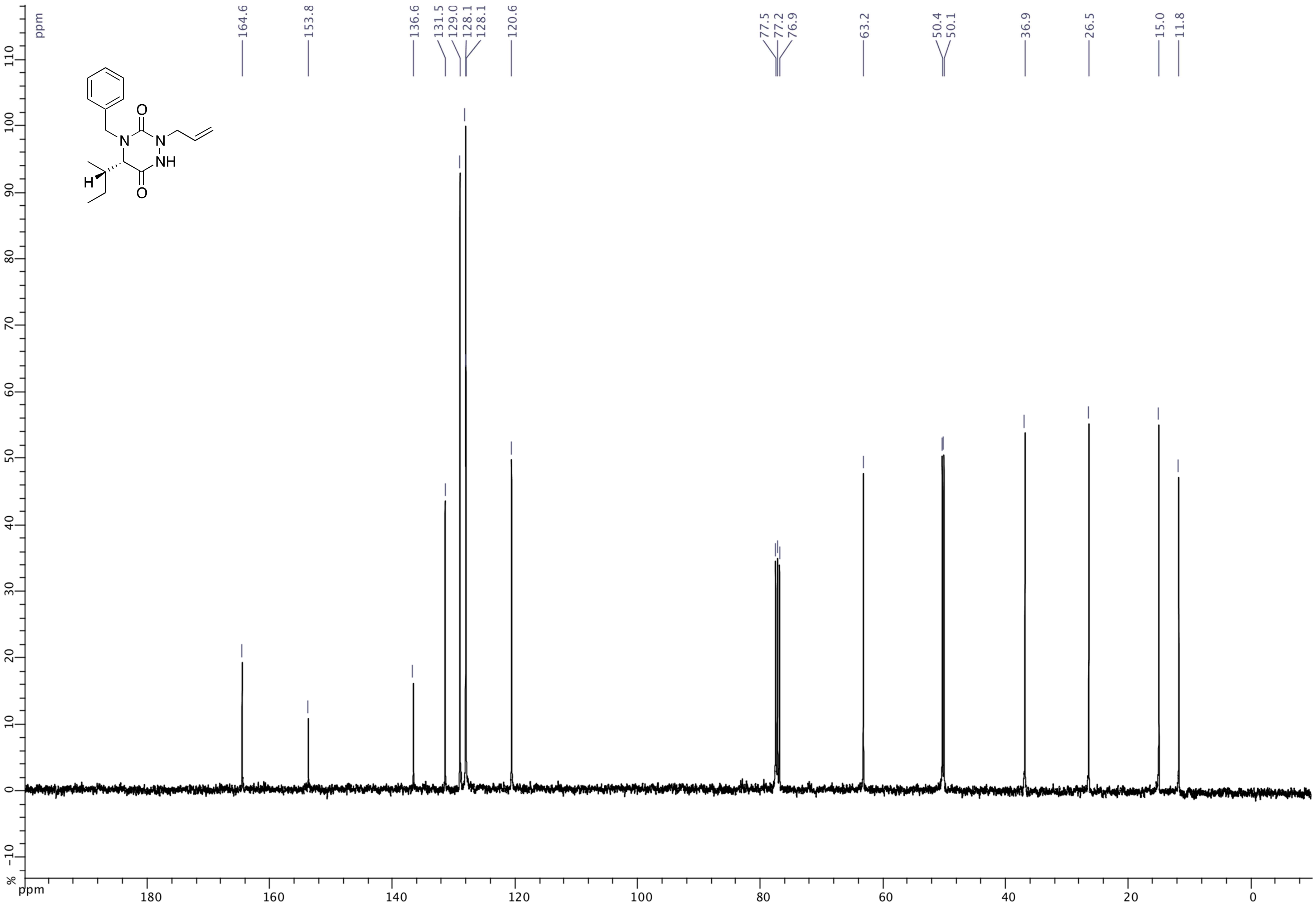
[13]C NMR for **4b** (100 MHz, $CDCl_3$)



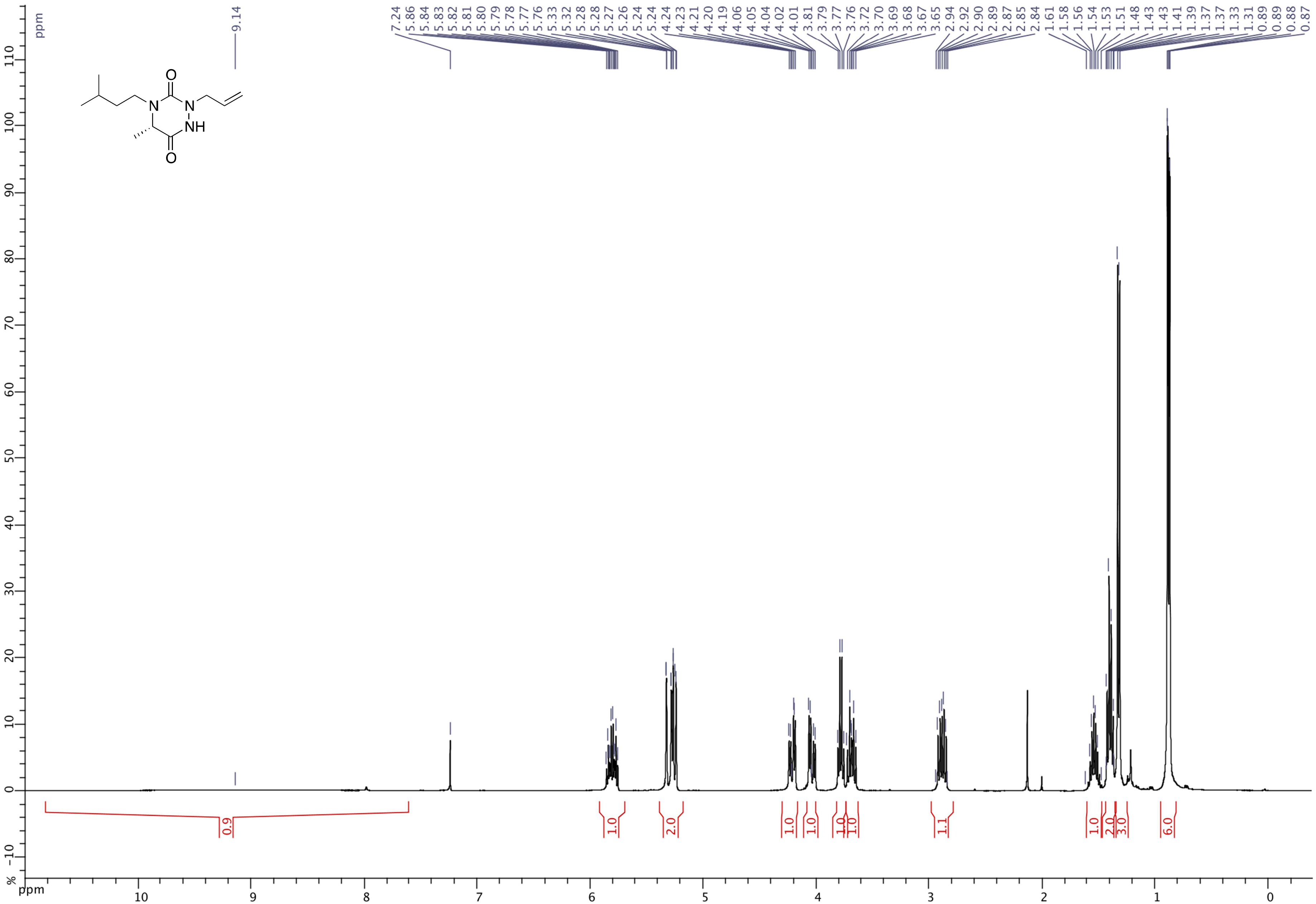
^{1}H NMR for **4c** (400 MHz, $CDCl_3$)



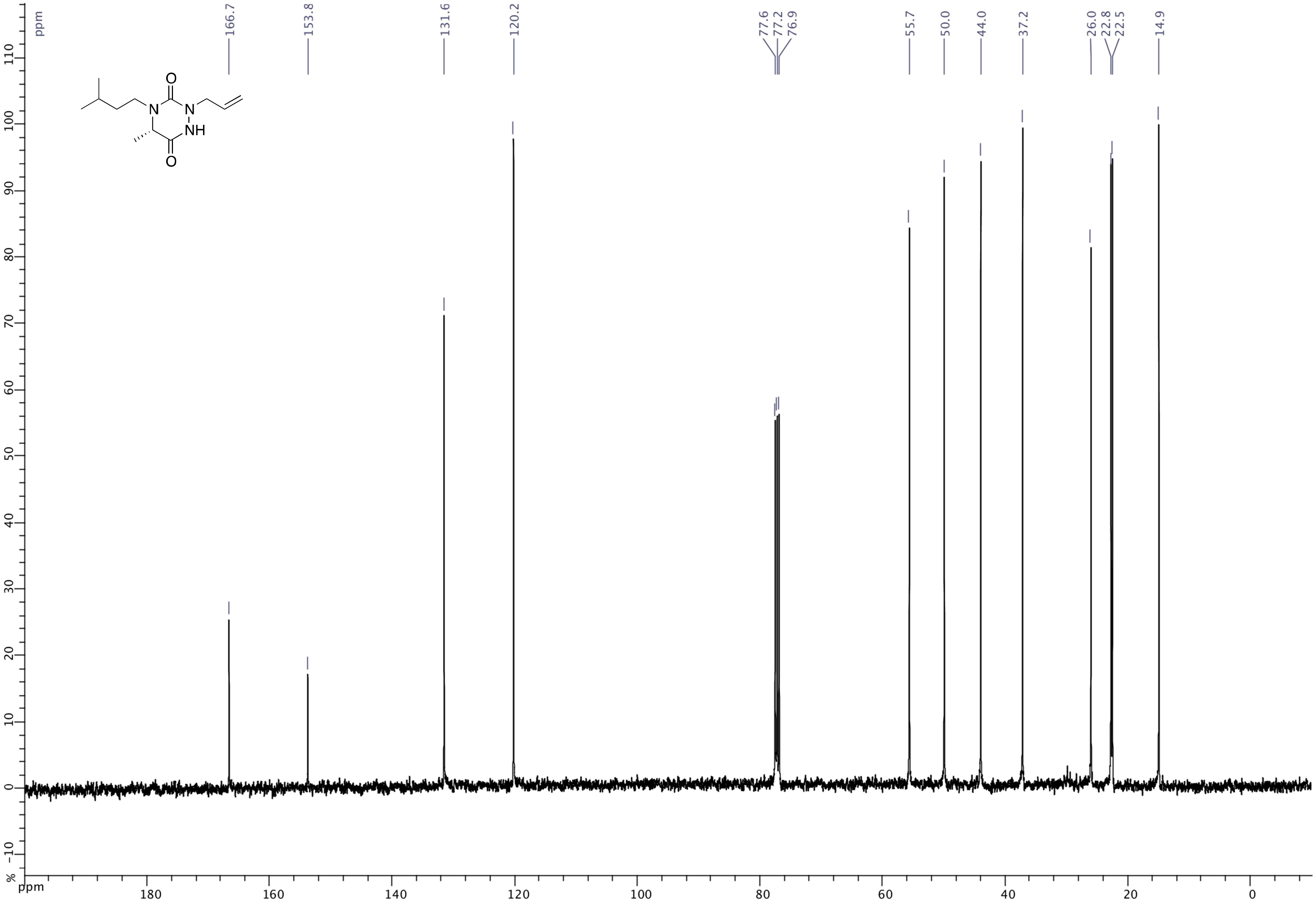
^{13}C NMR for **4c** (100 MHz, $CDCl_3$)



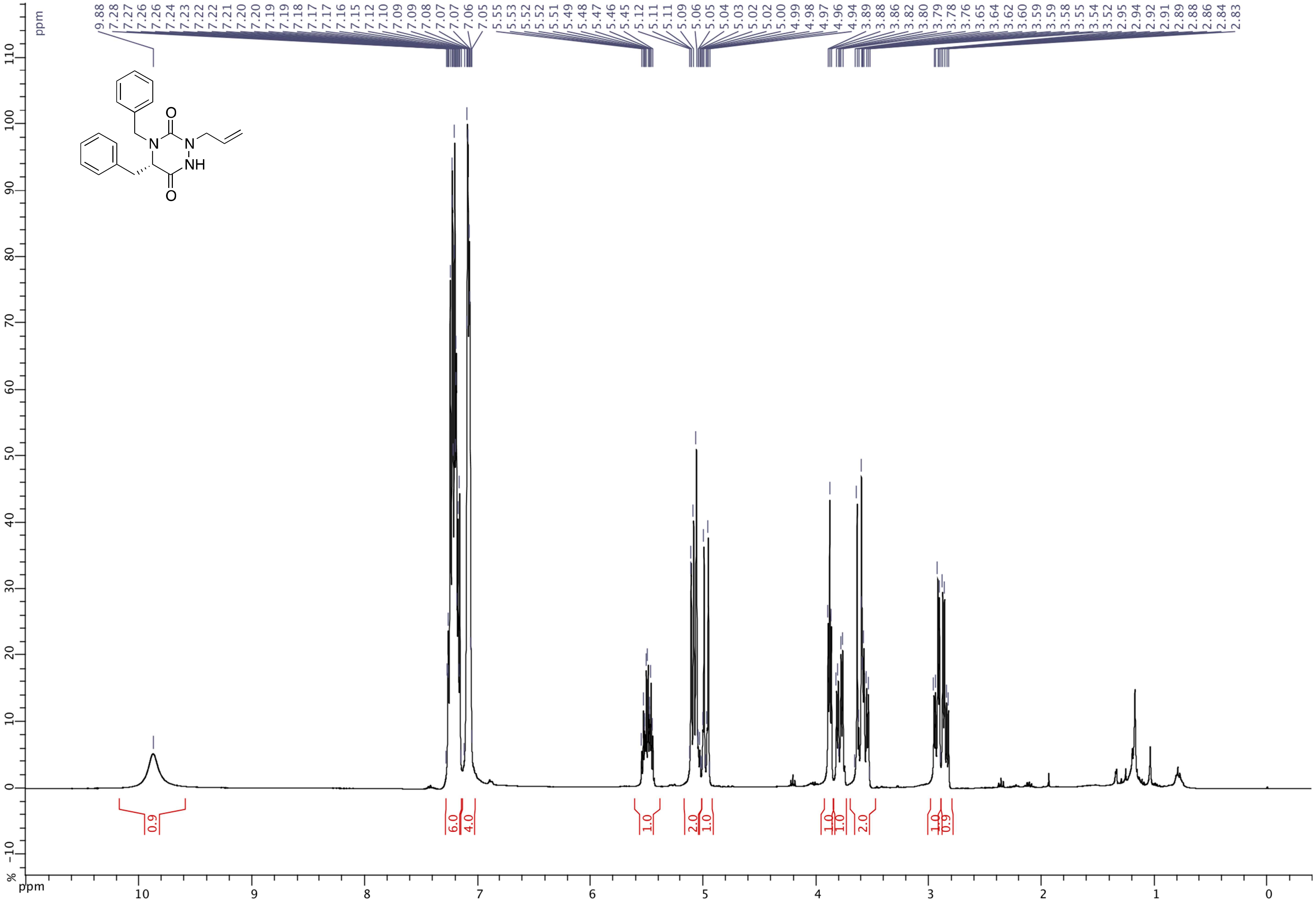
^{1}H NMR for **4d** (400 MHz, $CDCl_3$)



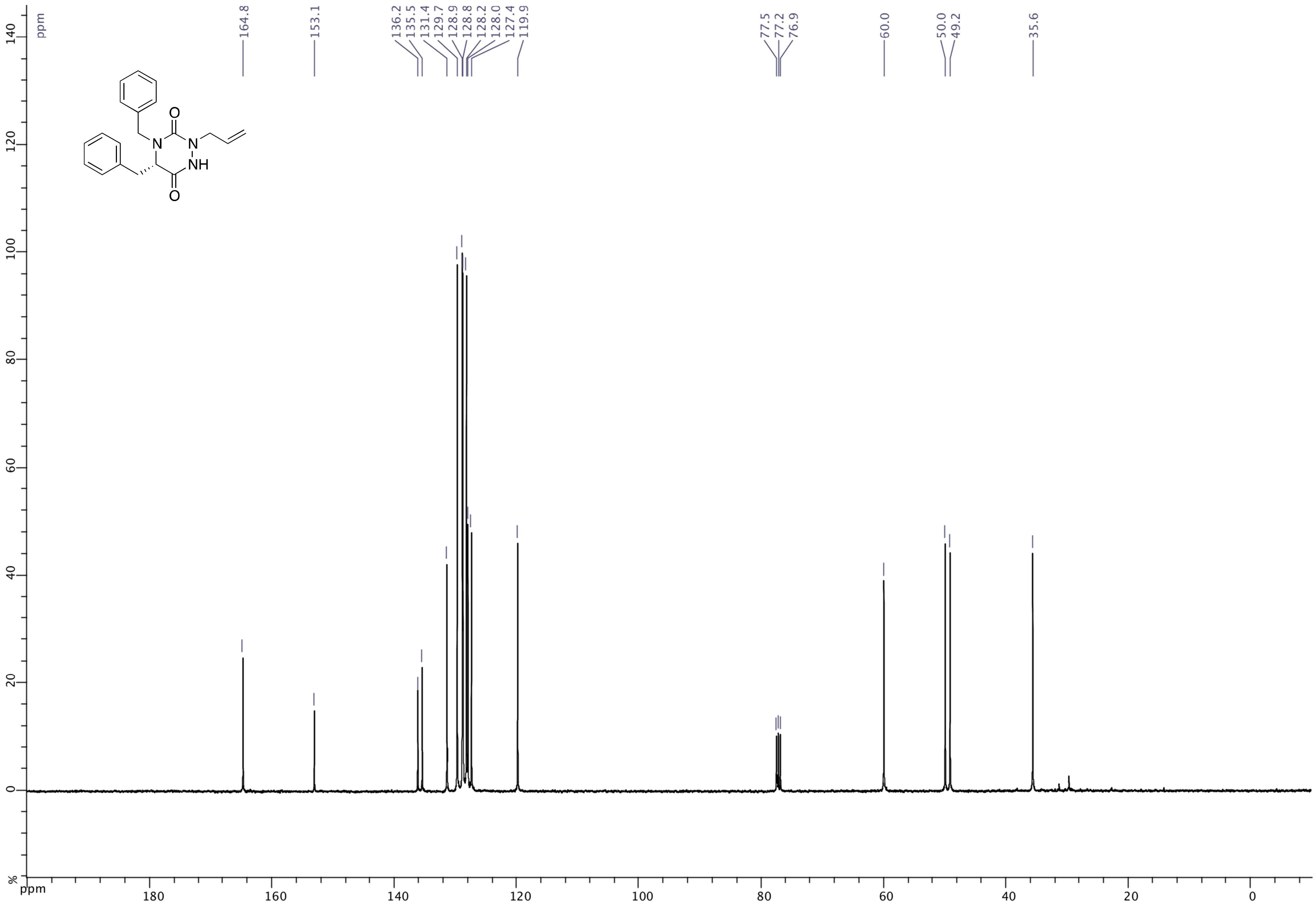
^{13}**C NMR** for **4d** (100 MHz, $CDCl_3$)



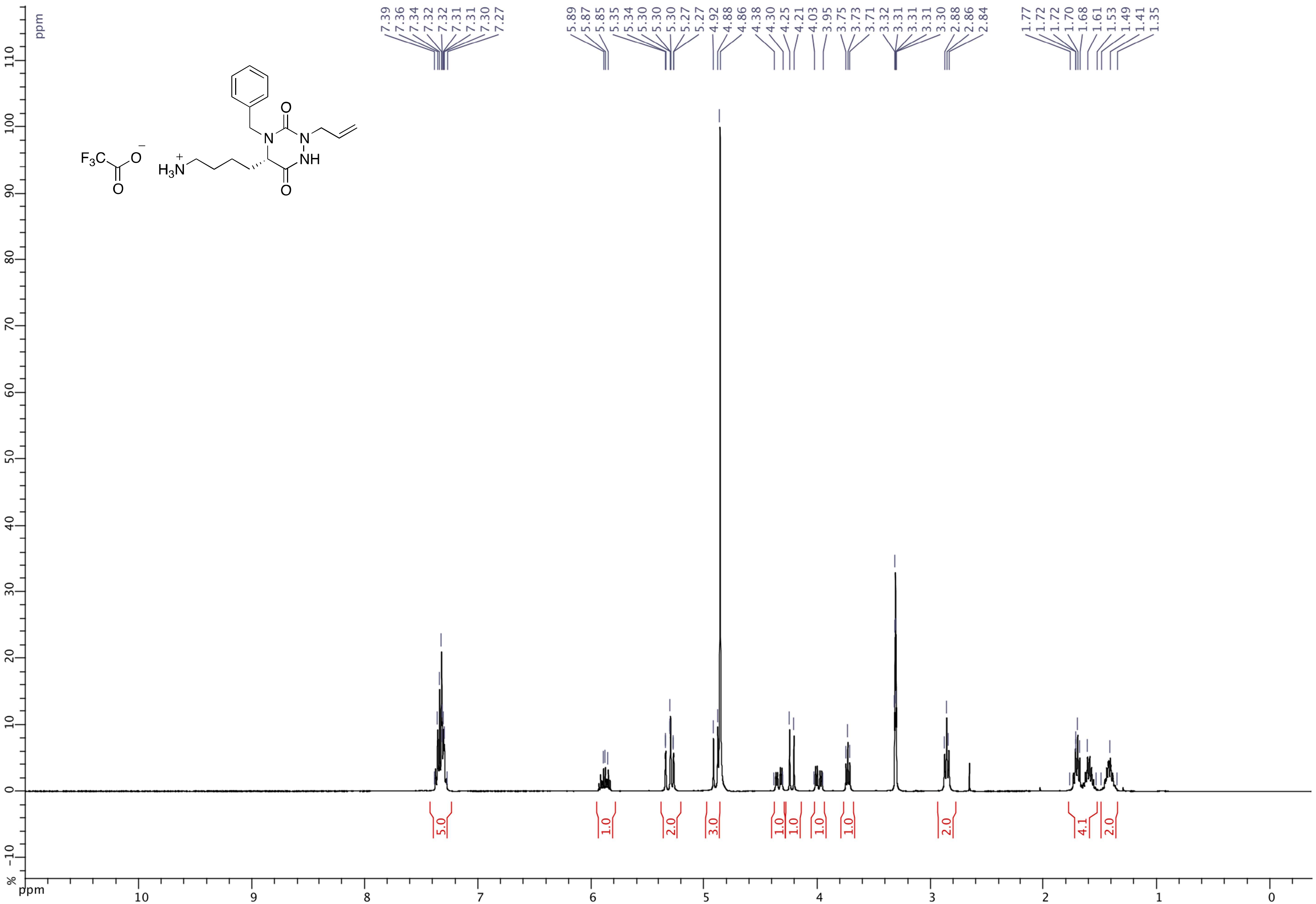
[1]H NMR for **4e** (400 MHz, $CDCl_3$)



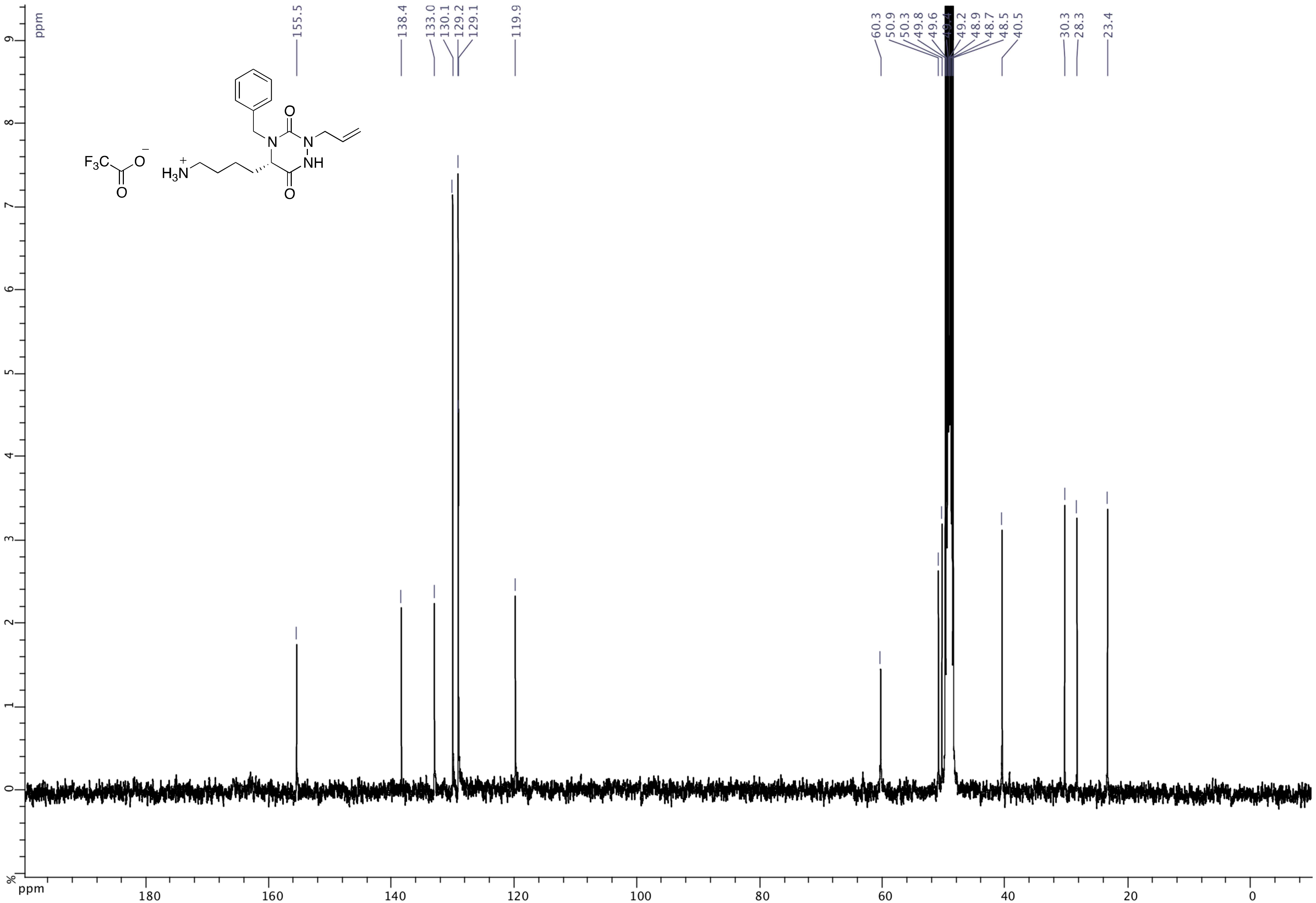
[13]C NMR for **4e** (100 MHz, $CDCl_3$)



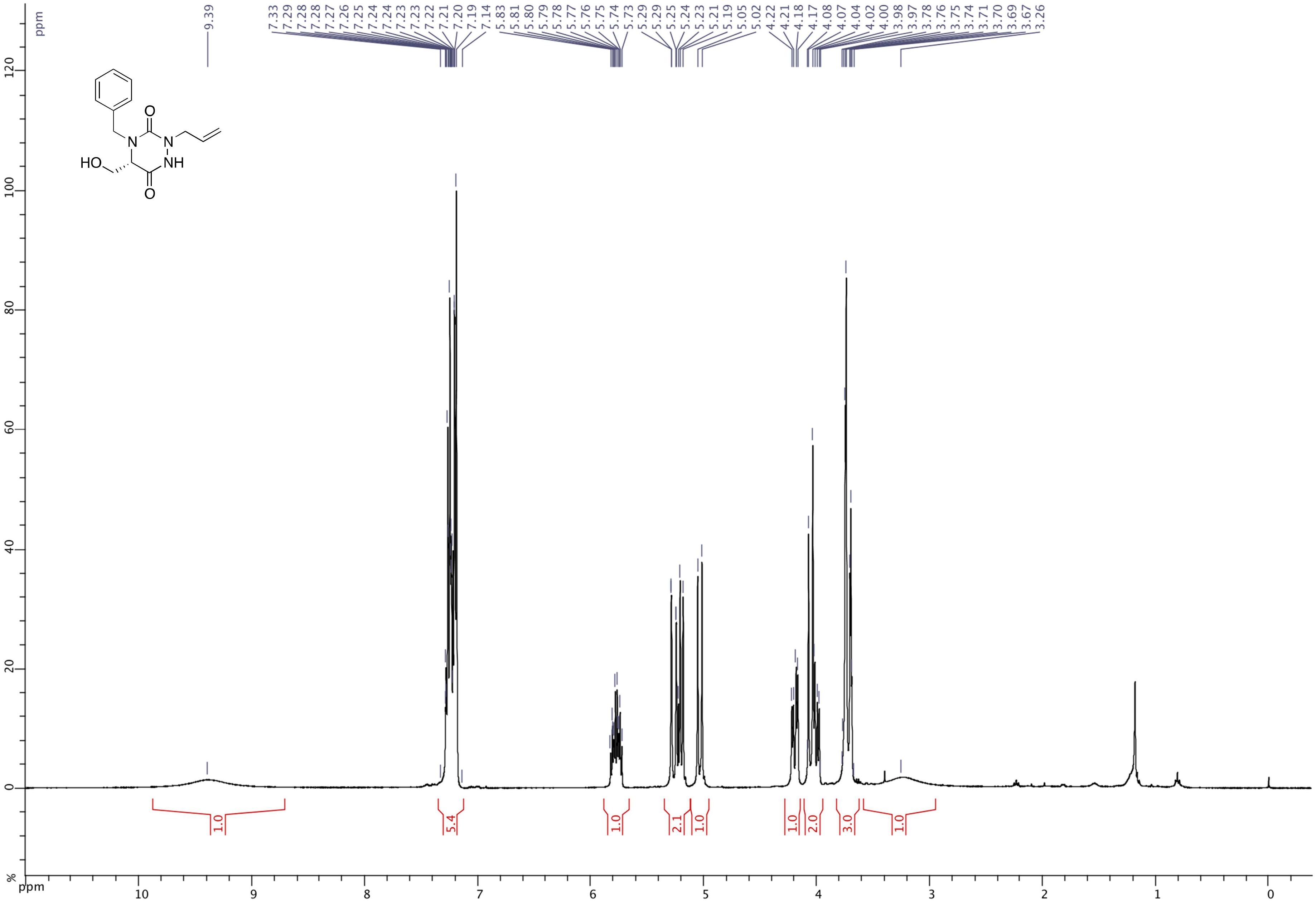
^{1}**H NMR** for **4f** (400 MHz, MeOD-d_4)



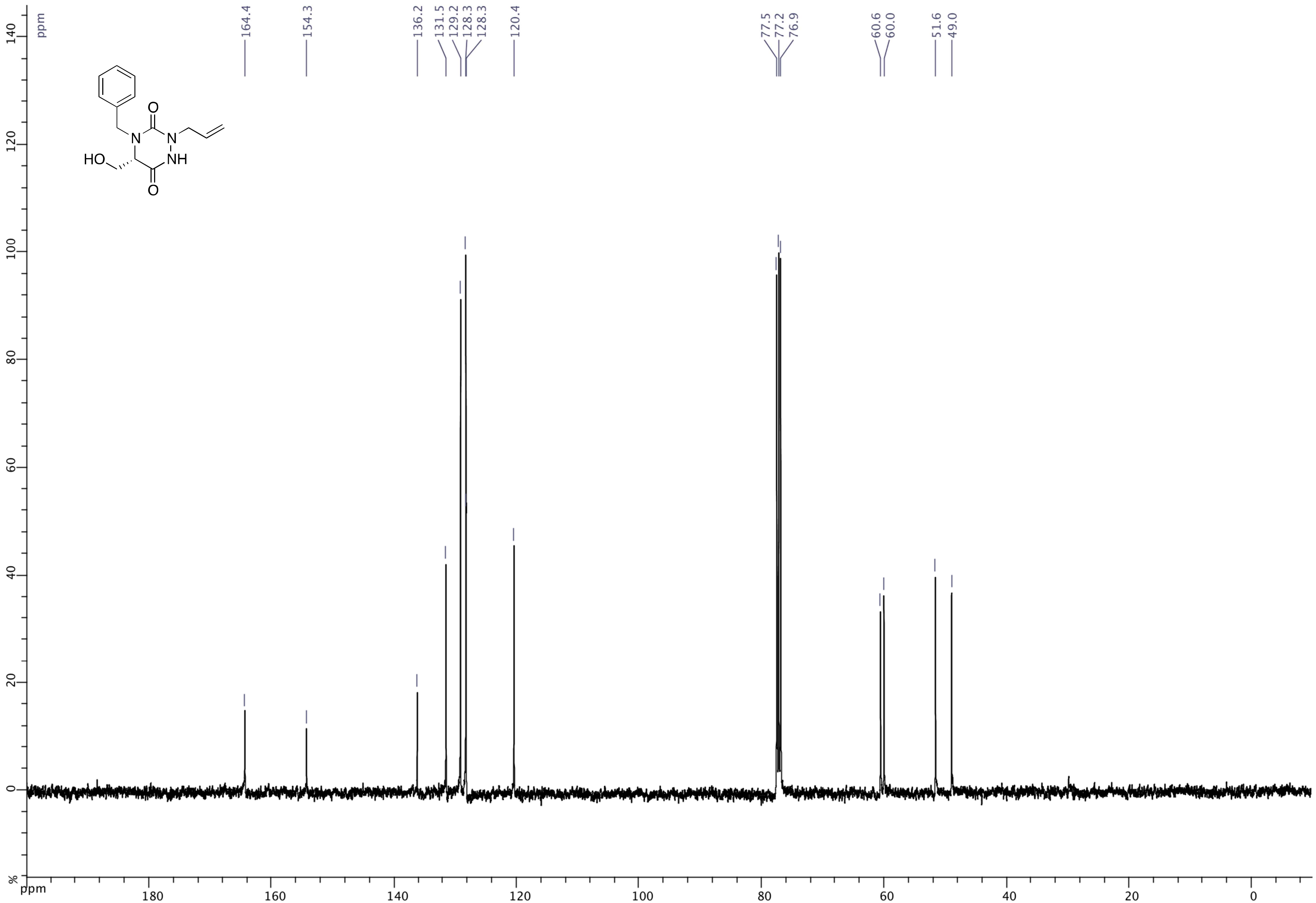
^{13}**C NMR** for **4f** (100 MHz, MeOD-d_4)



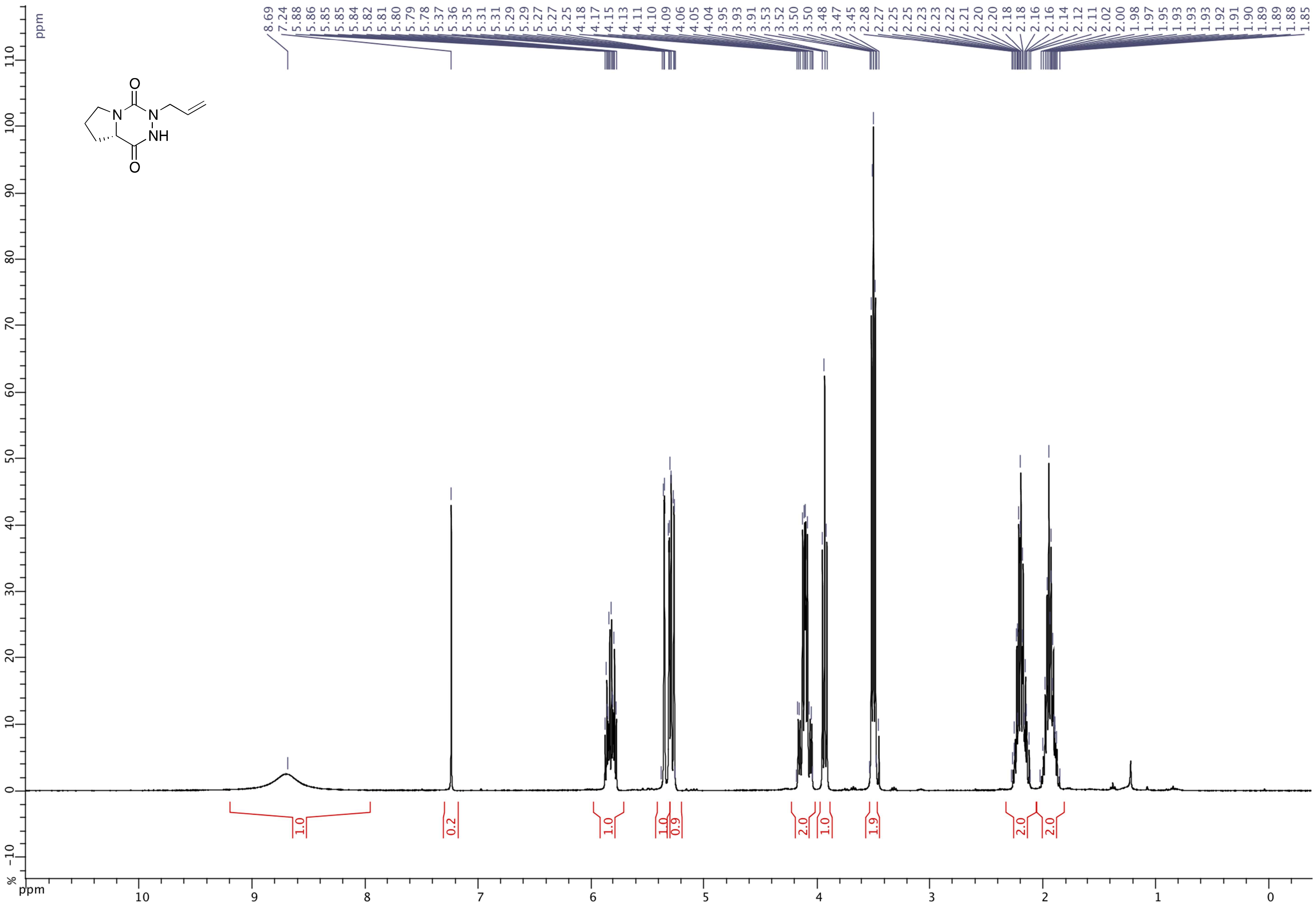
^{1}H NMR for **4g** (400 MHz, $CDCl_3$)



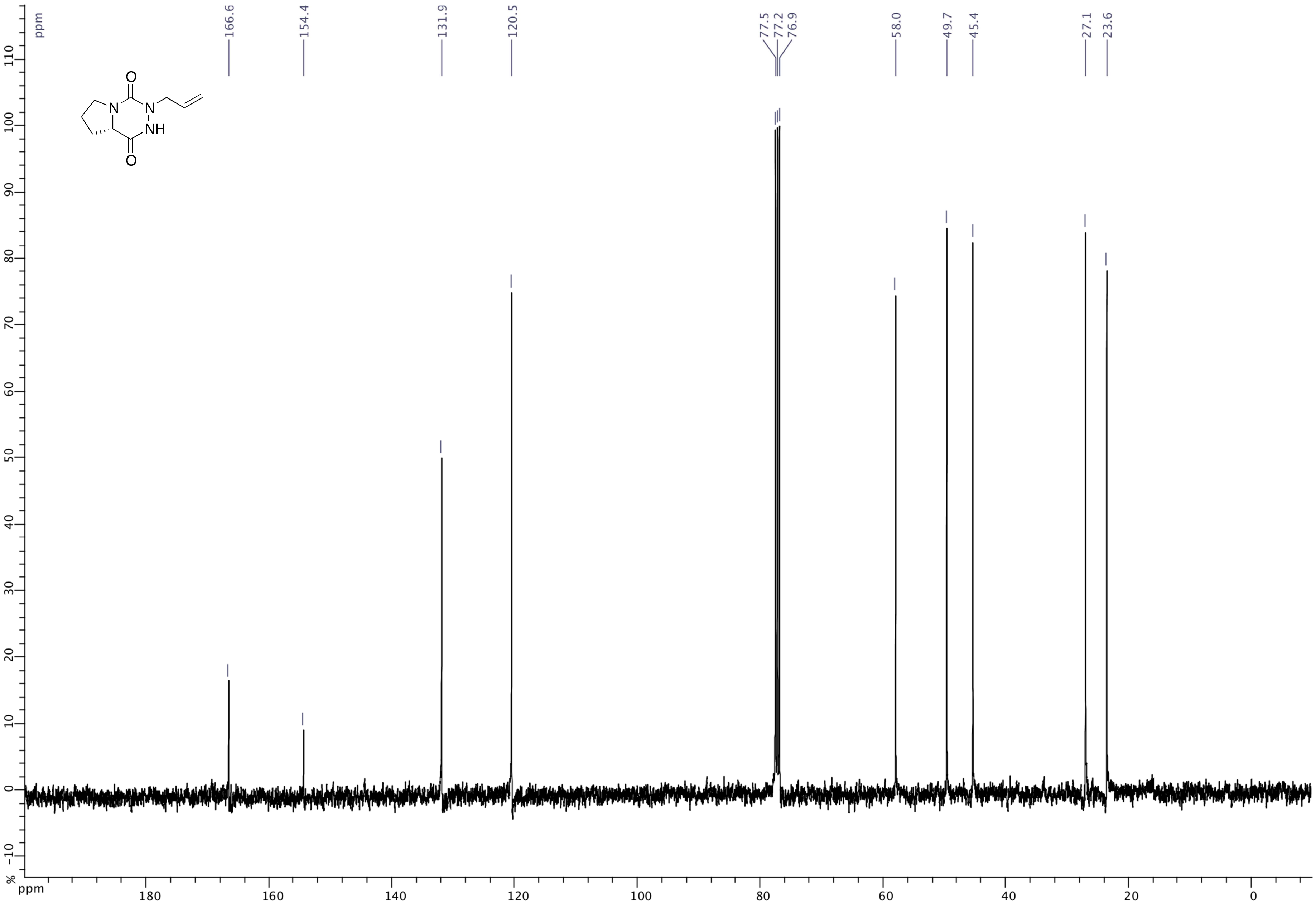
^{13}C NMR for **4g** (100 MHz, $CDCl_3$)



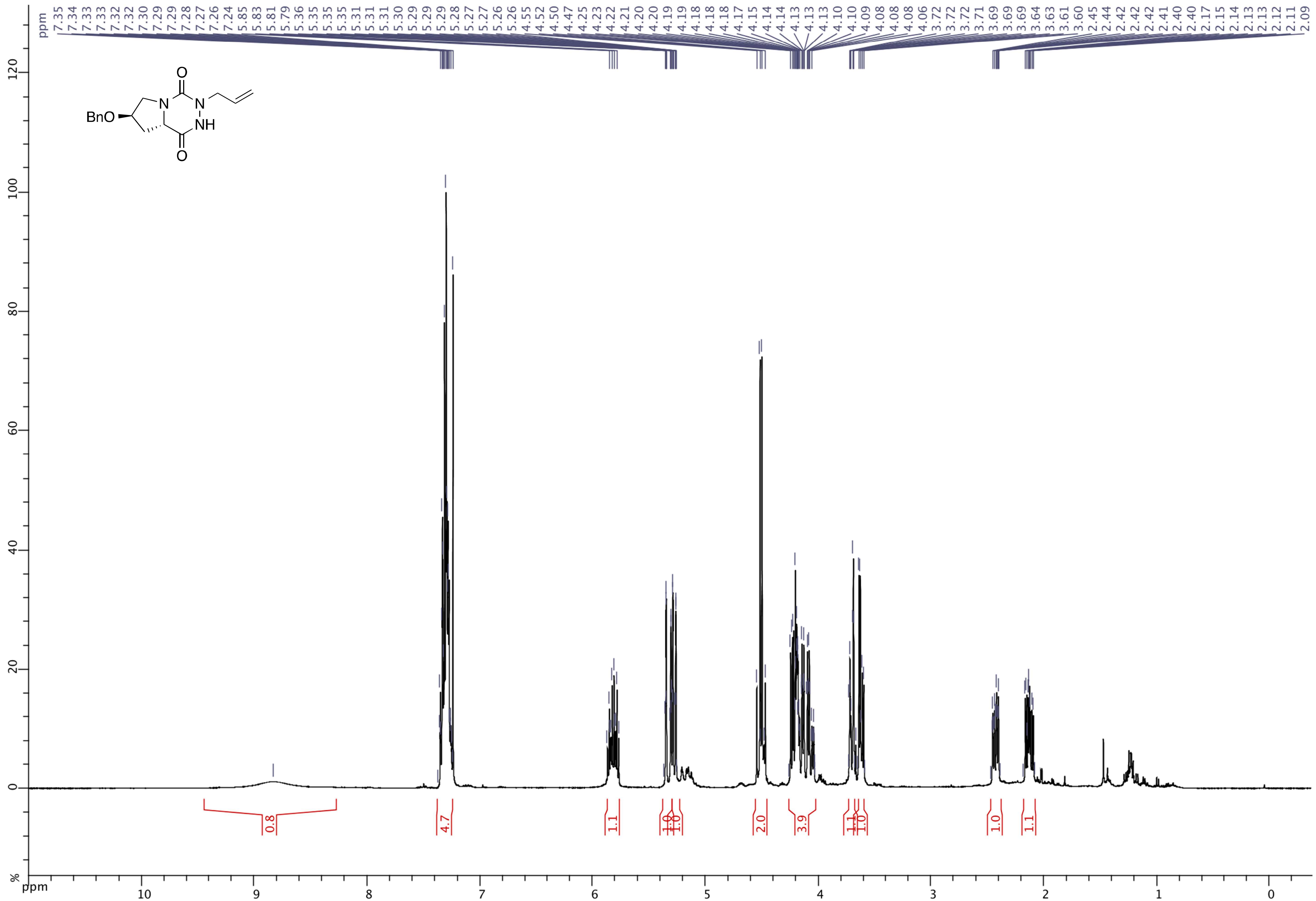
[1]H NMR for **4h** (400 MHz, $CDCl_3$)



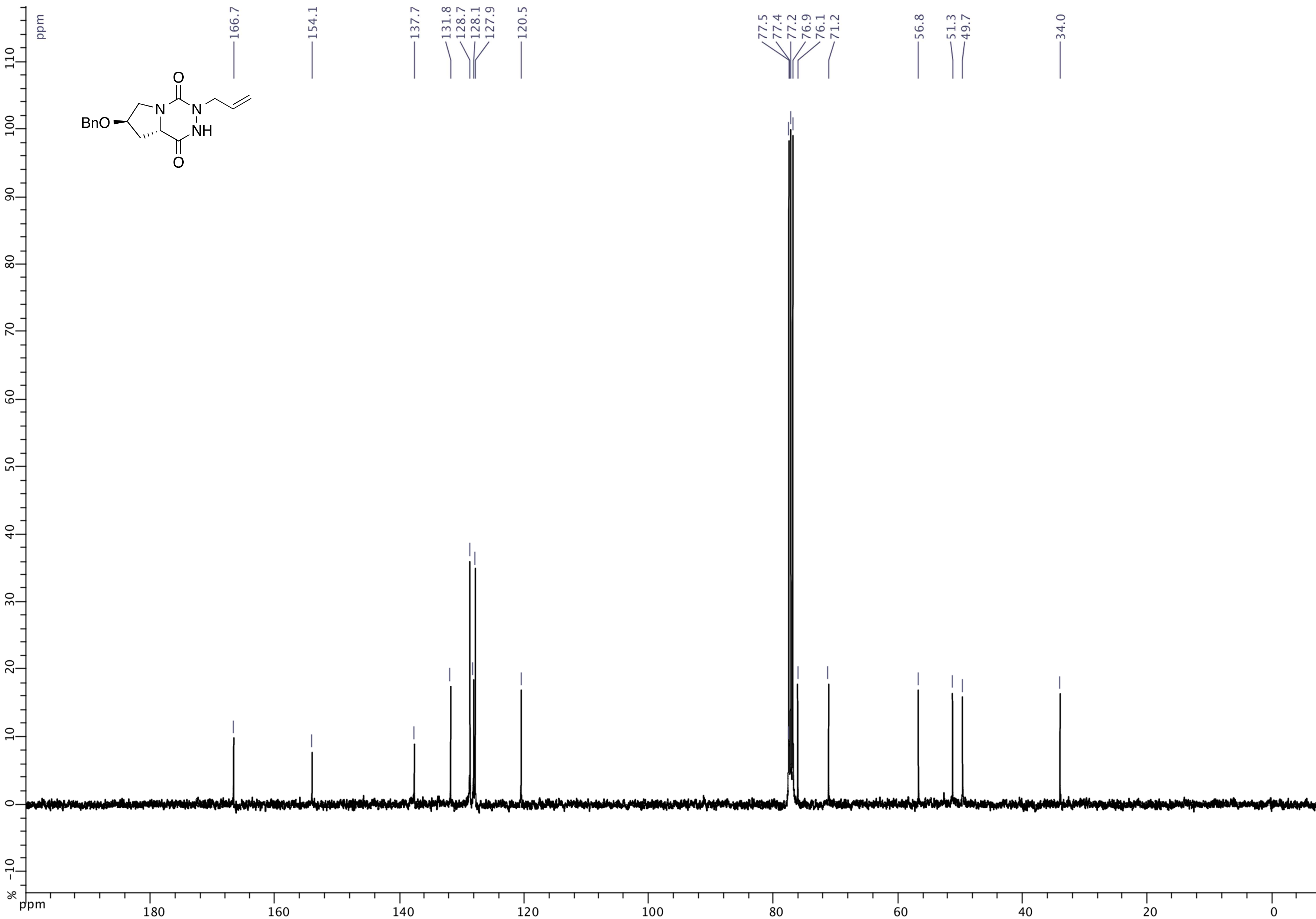
^{13}**C NMR** for **4h** (100 MHz, $CDCl_3$)



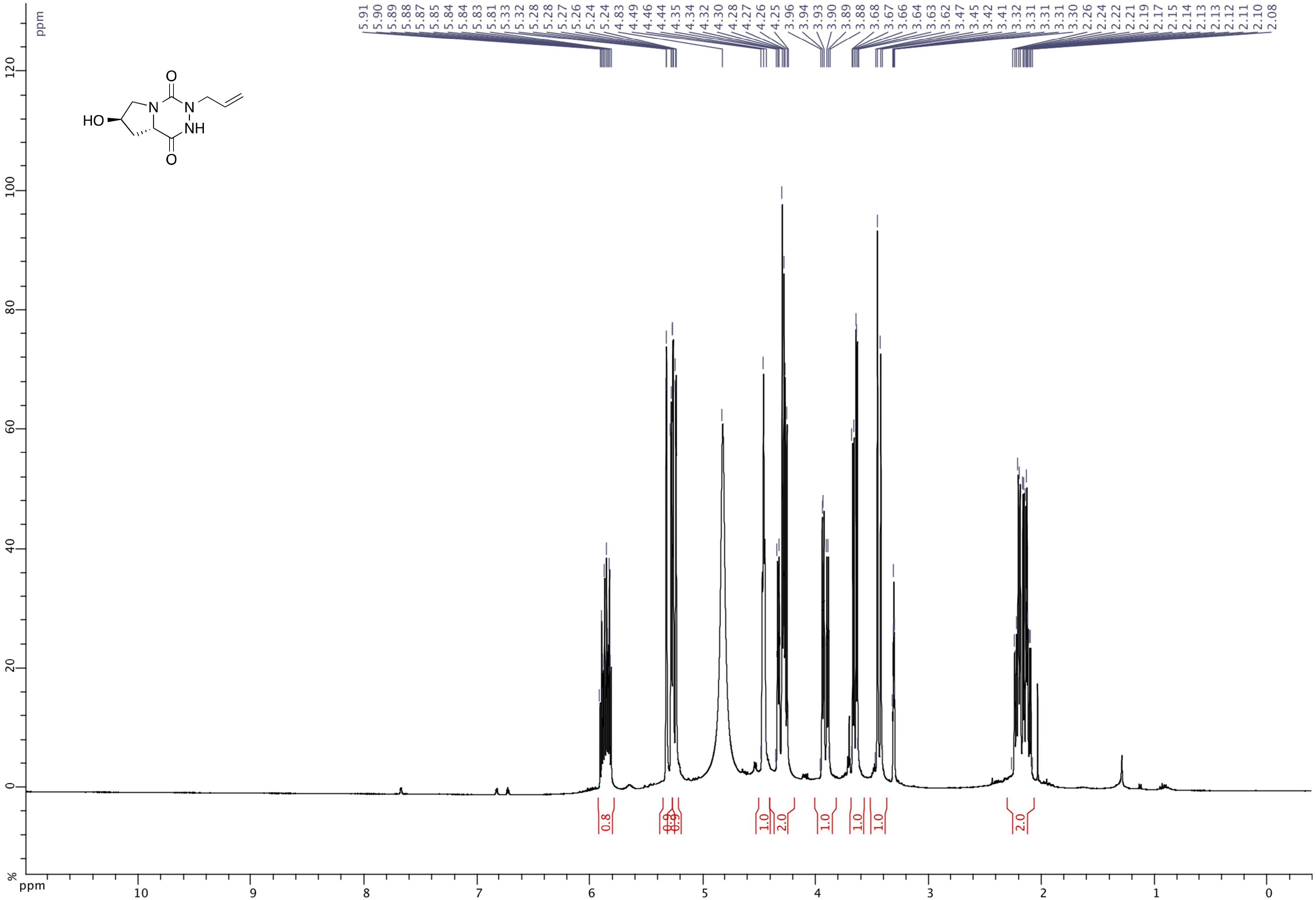
^{1}**H NMR** for **4i** (400 MHz, $CDCl_3$)



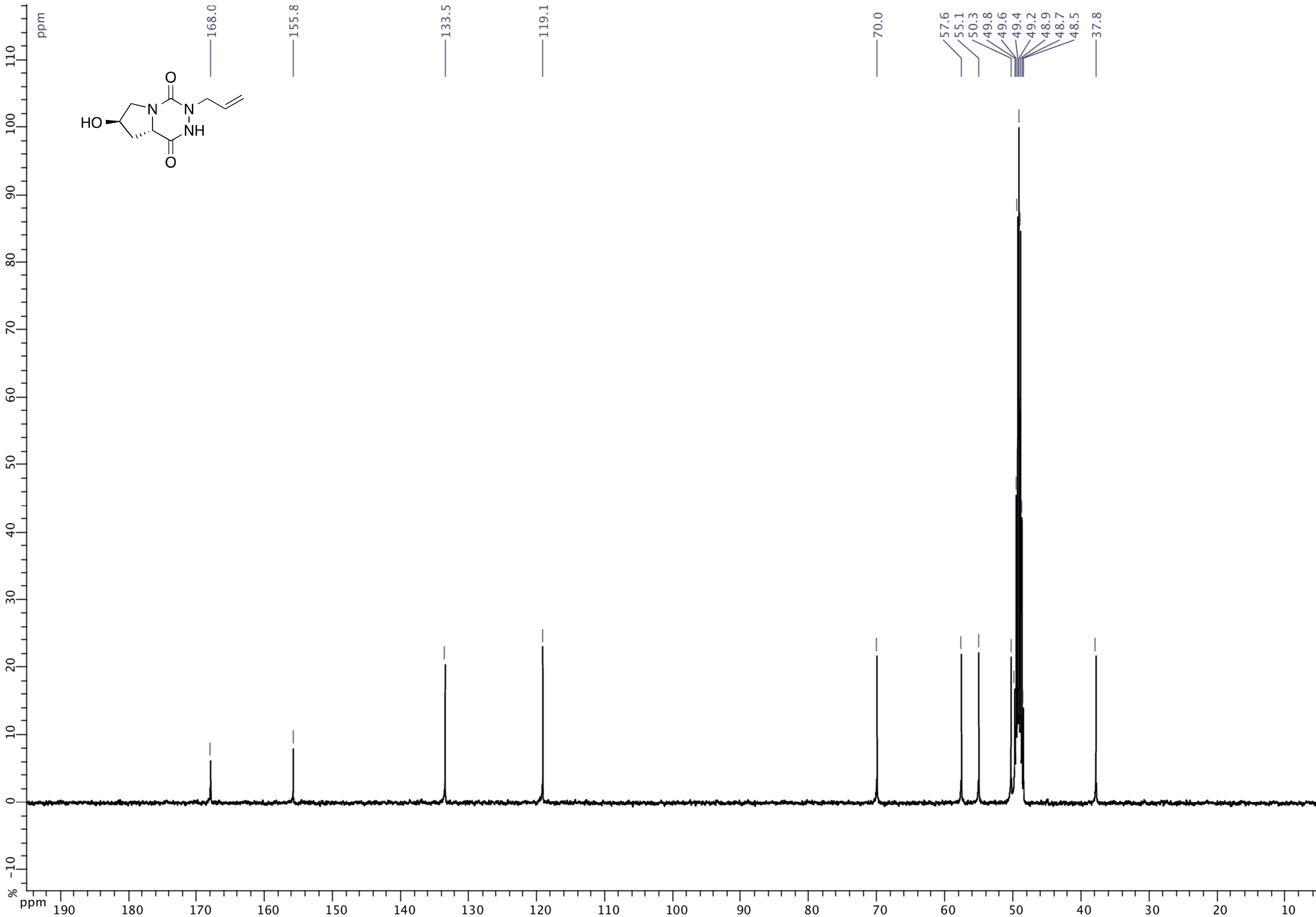
^{13}**C NMR** for **4i** (100 MHz, $CDCl_3$)



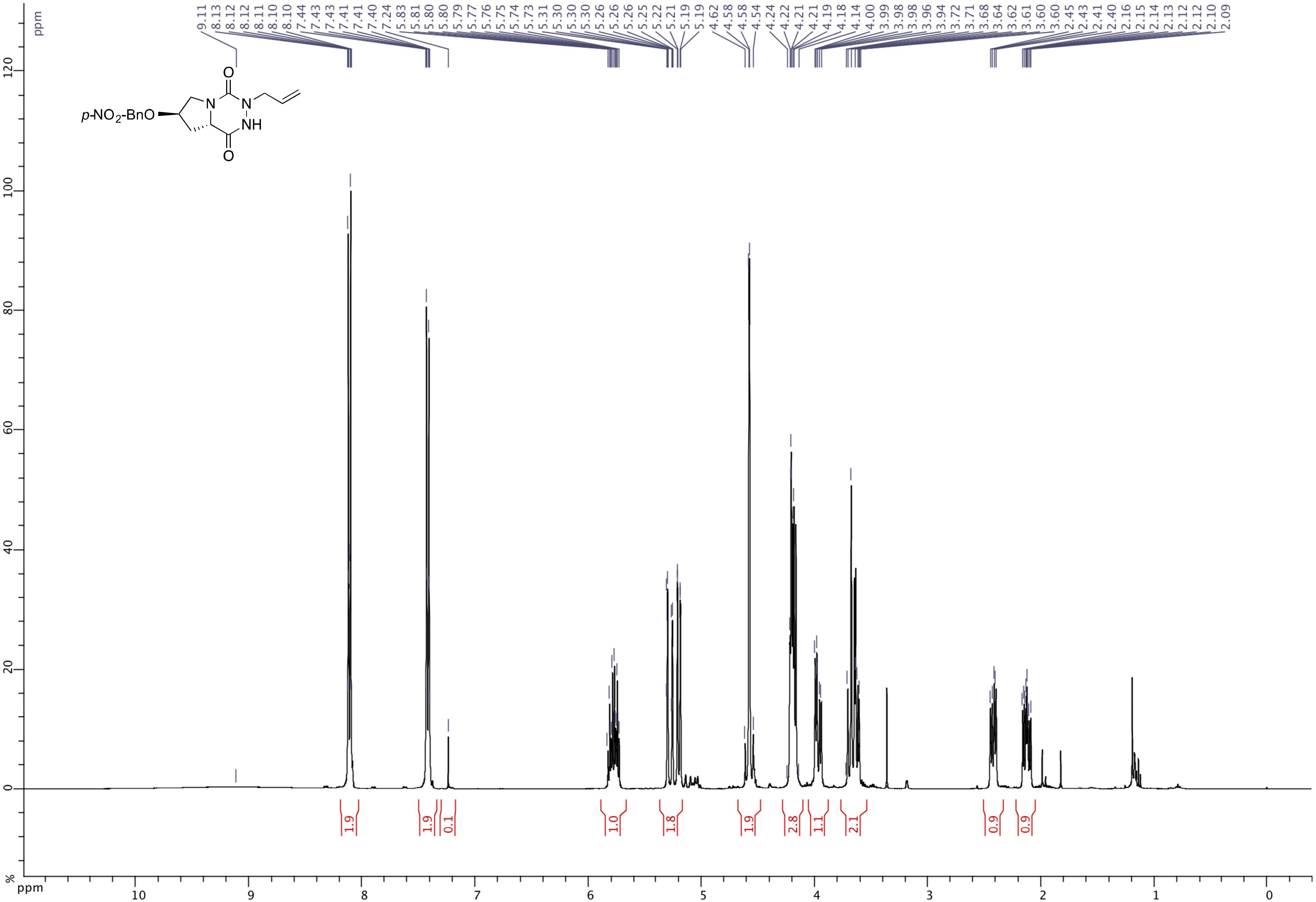
^{1}**H NMR** for **III** (400 MHz, MeOD-d_4)



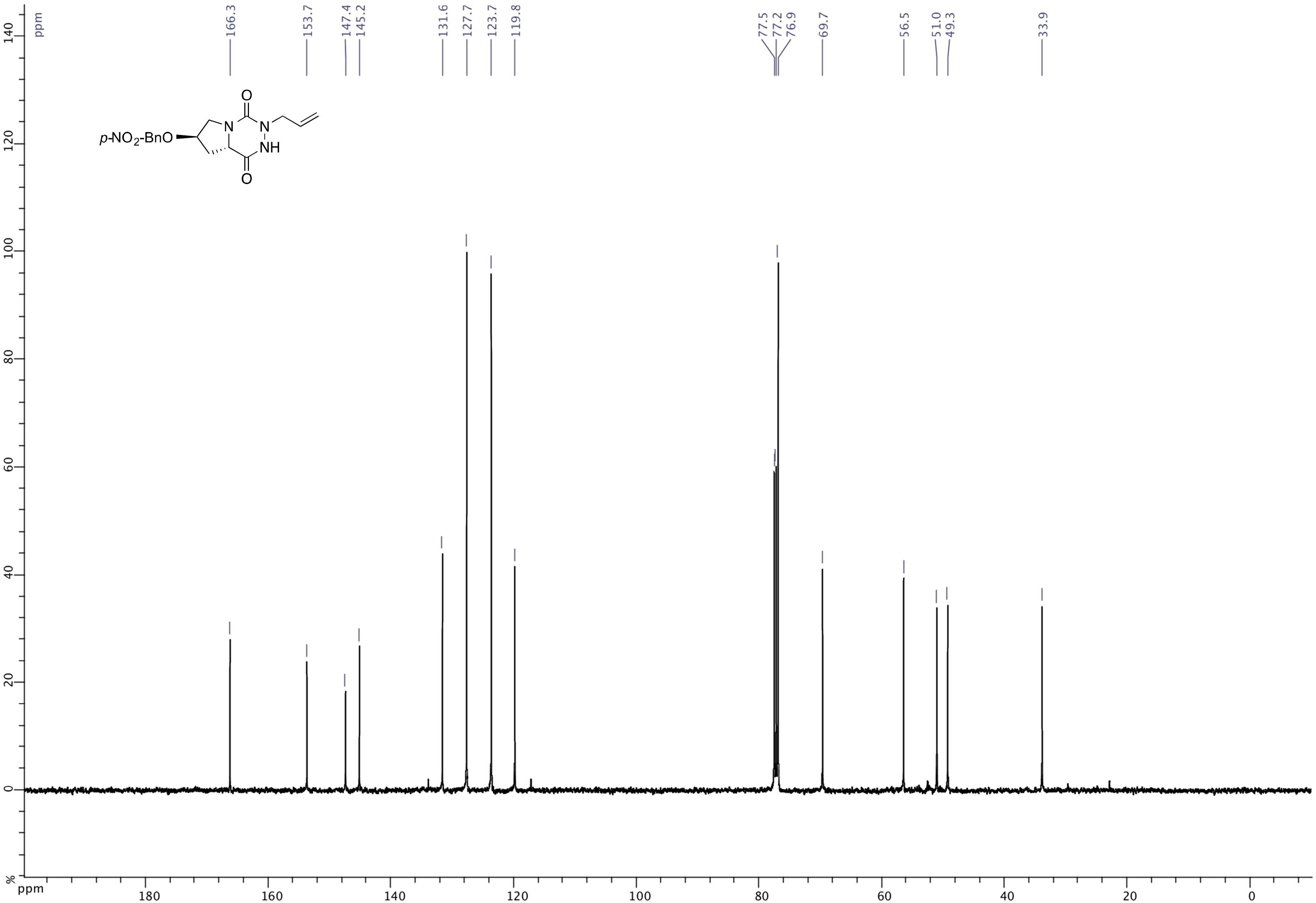
^{13}**C NMR** for **III** (100 MHz, MeOD-d_4)



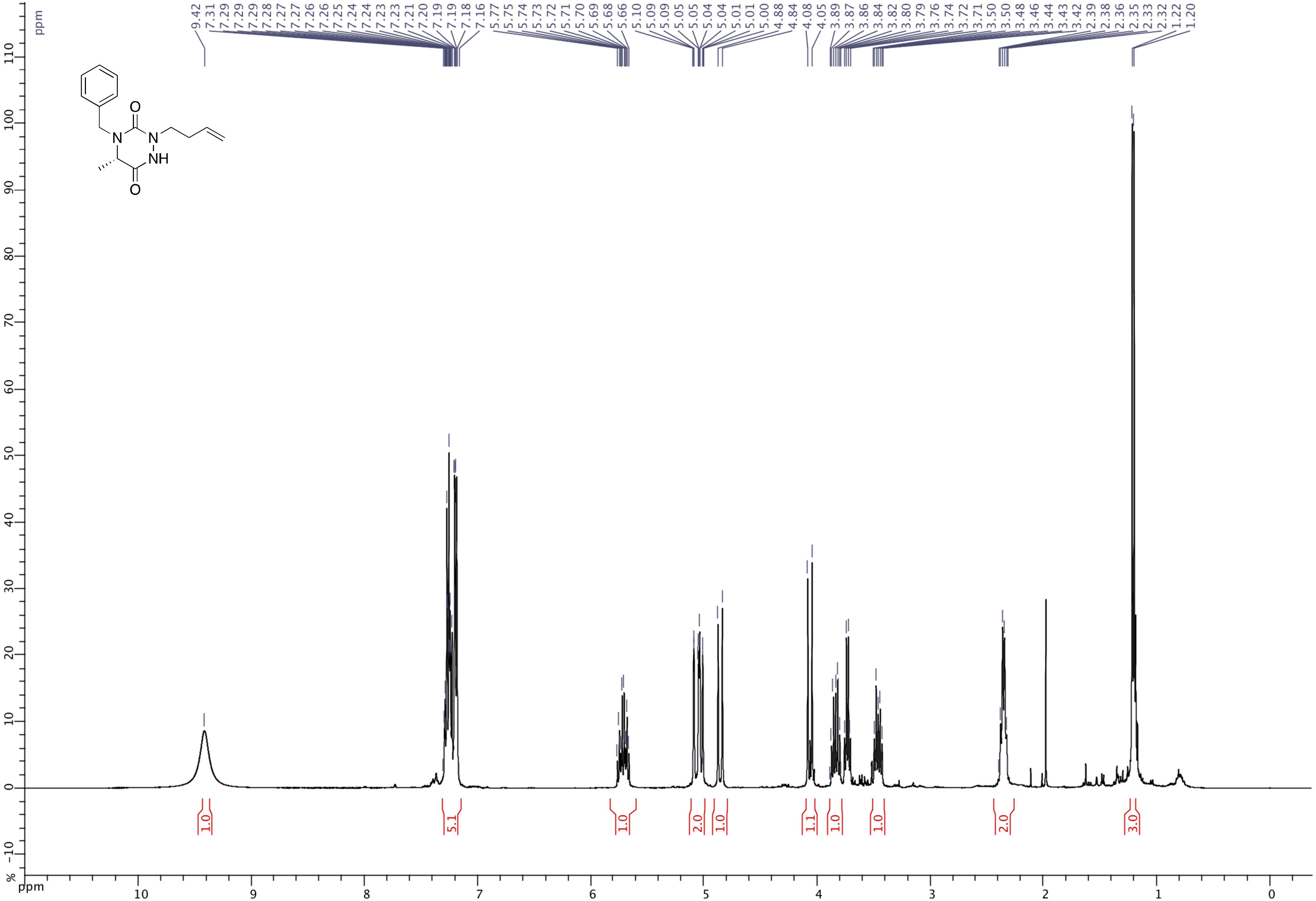
^{1}**H NMR** for **4j** (400 MHz, $CDCl_3$)



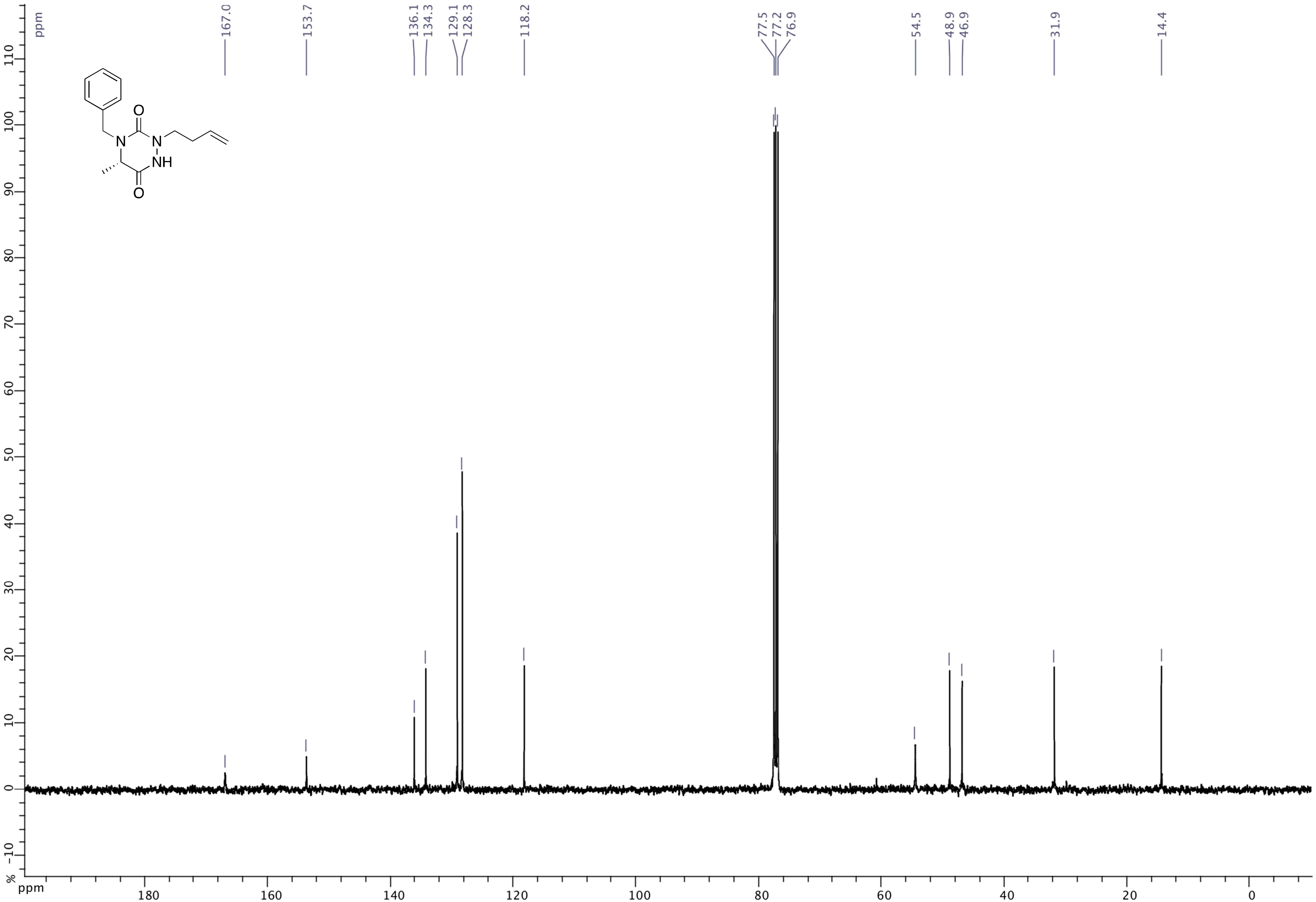
^{13}C NMR for **4j** (100 MHz, $CDCl_3$)



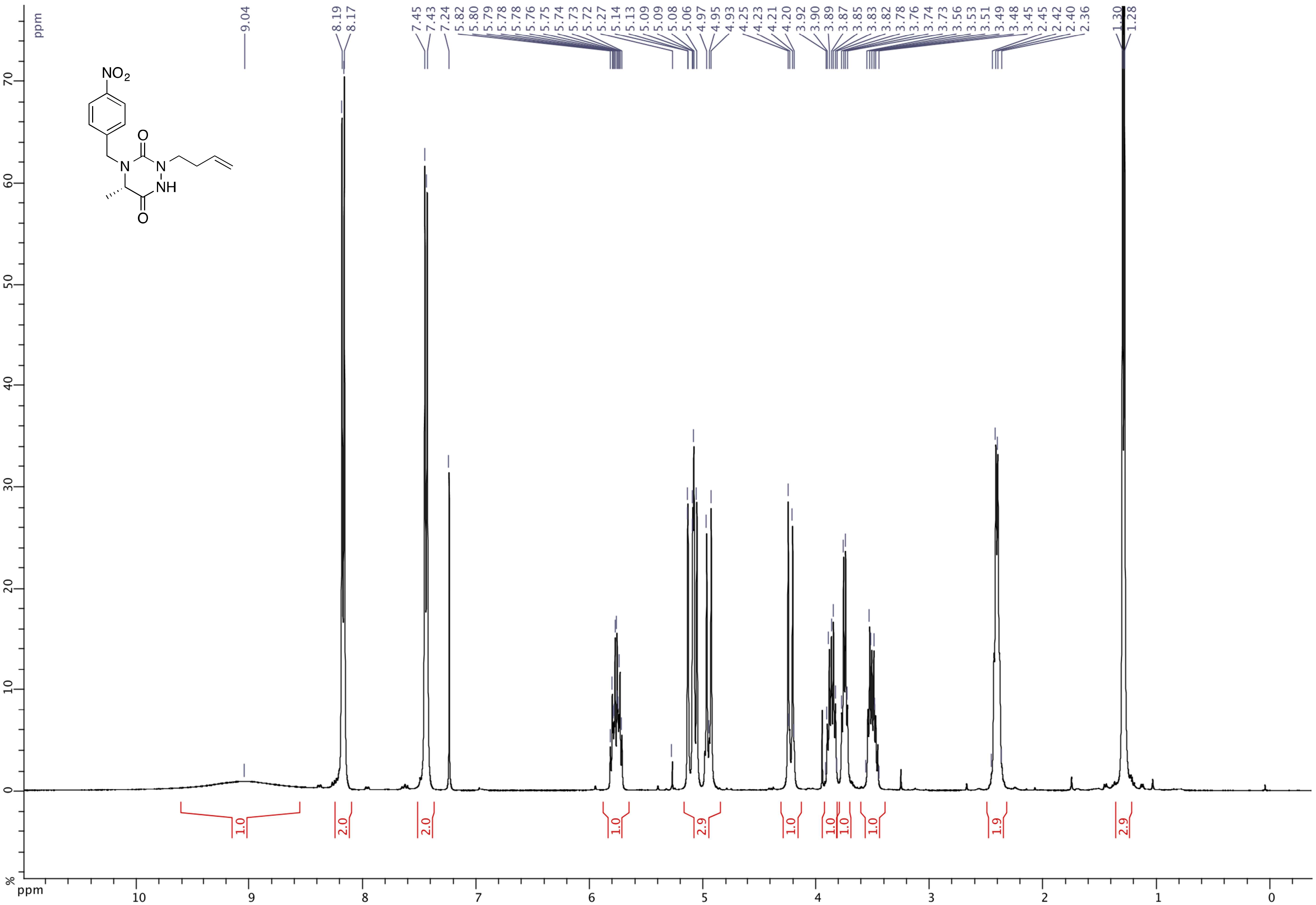
^{1}H NMR for **4k** (400 MHz, $CDCl_3$)



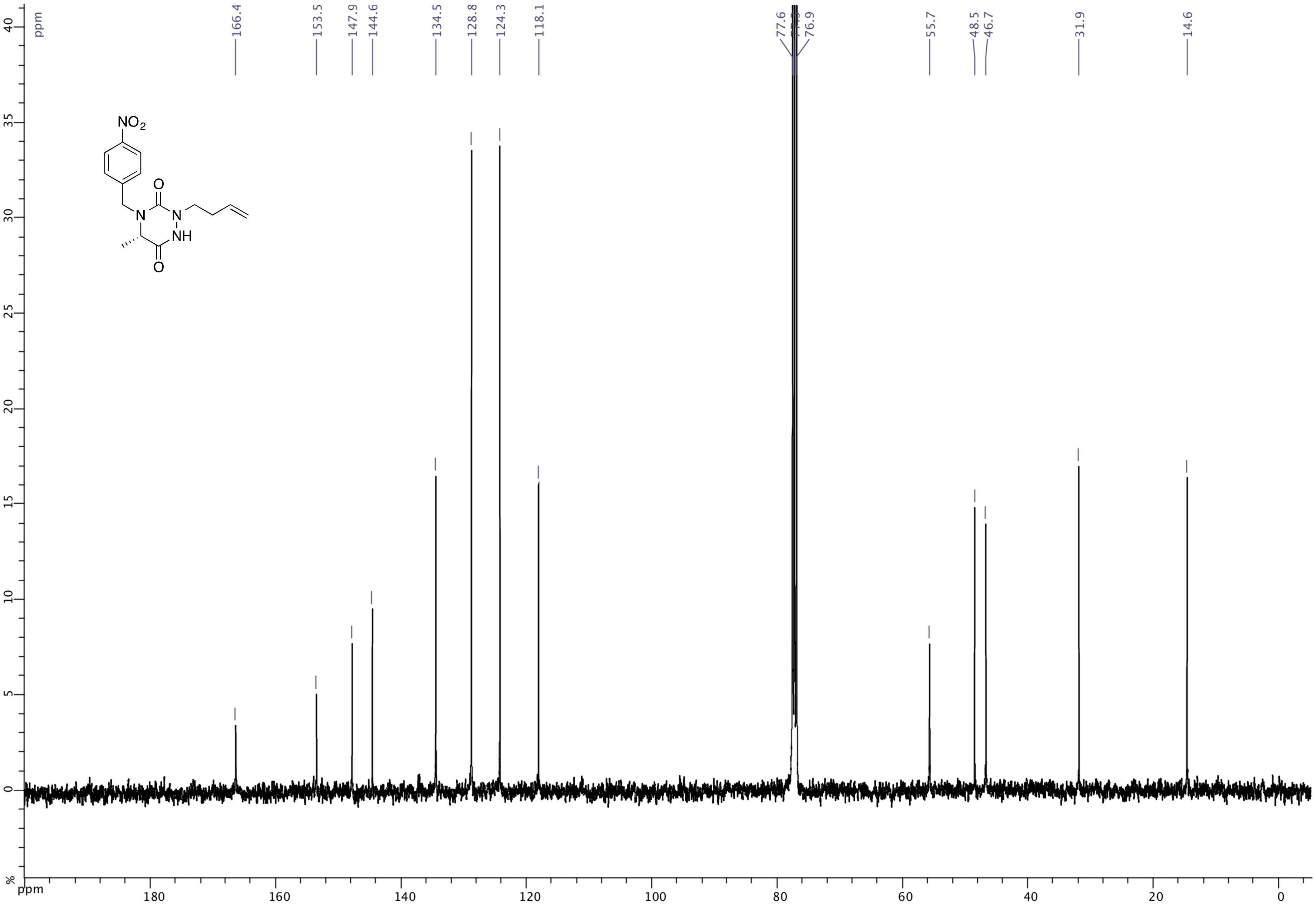
^{13}C NMR for **4k** (100 MHz, $CDCl_3$)



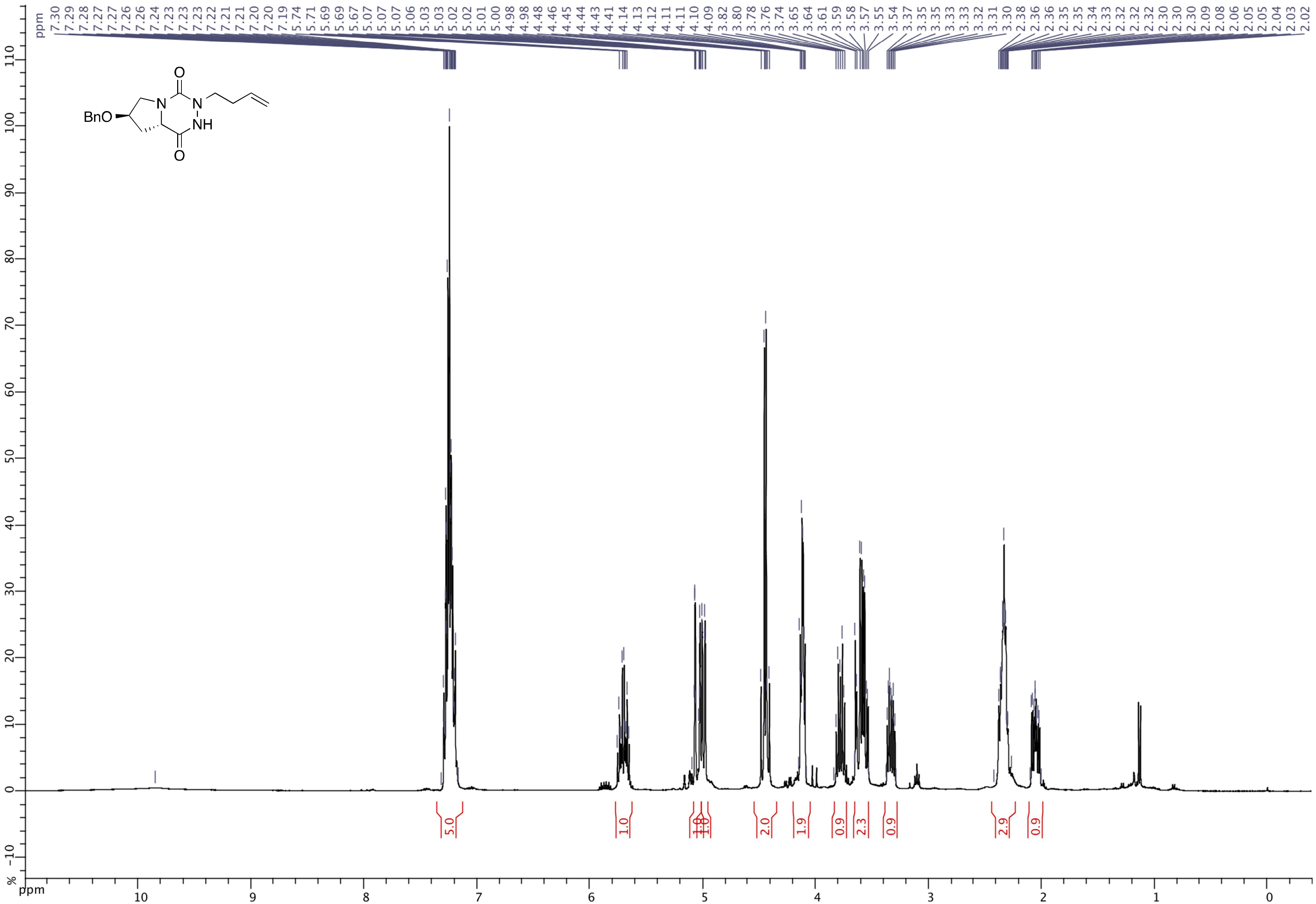
^{1}H NMR for **4l** (400 MHz, $CDCl_3$)



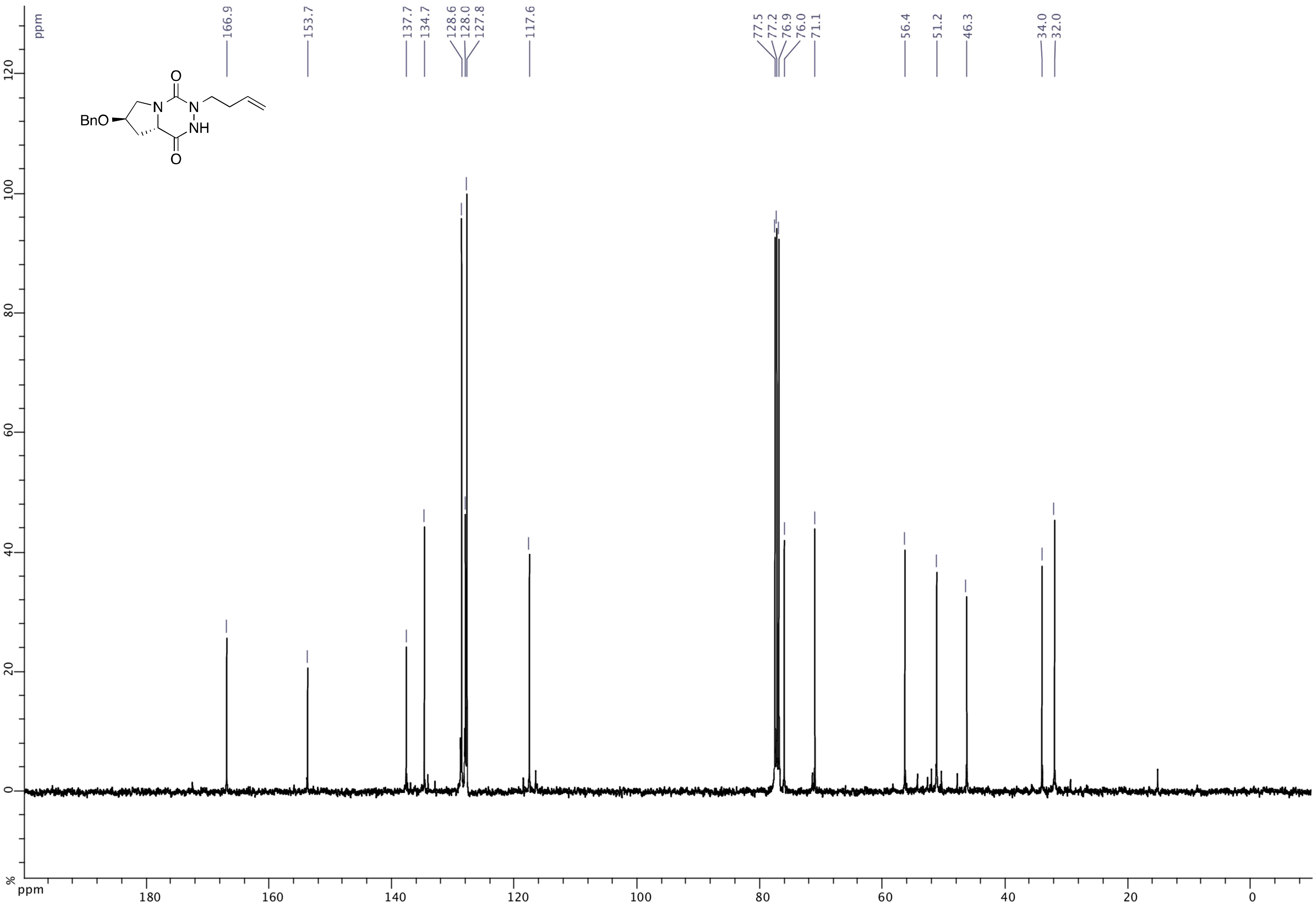
^{13}C NMR for **4l** (100 MHz, $CDCl_3$)



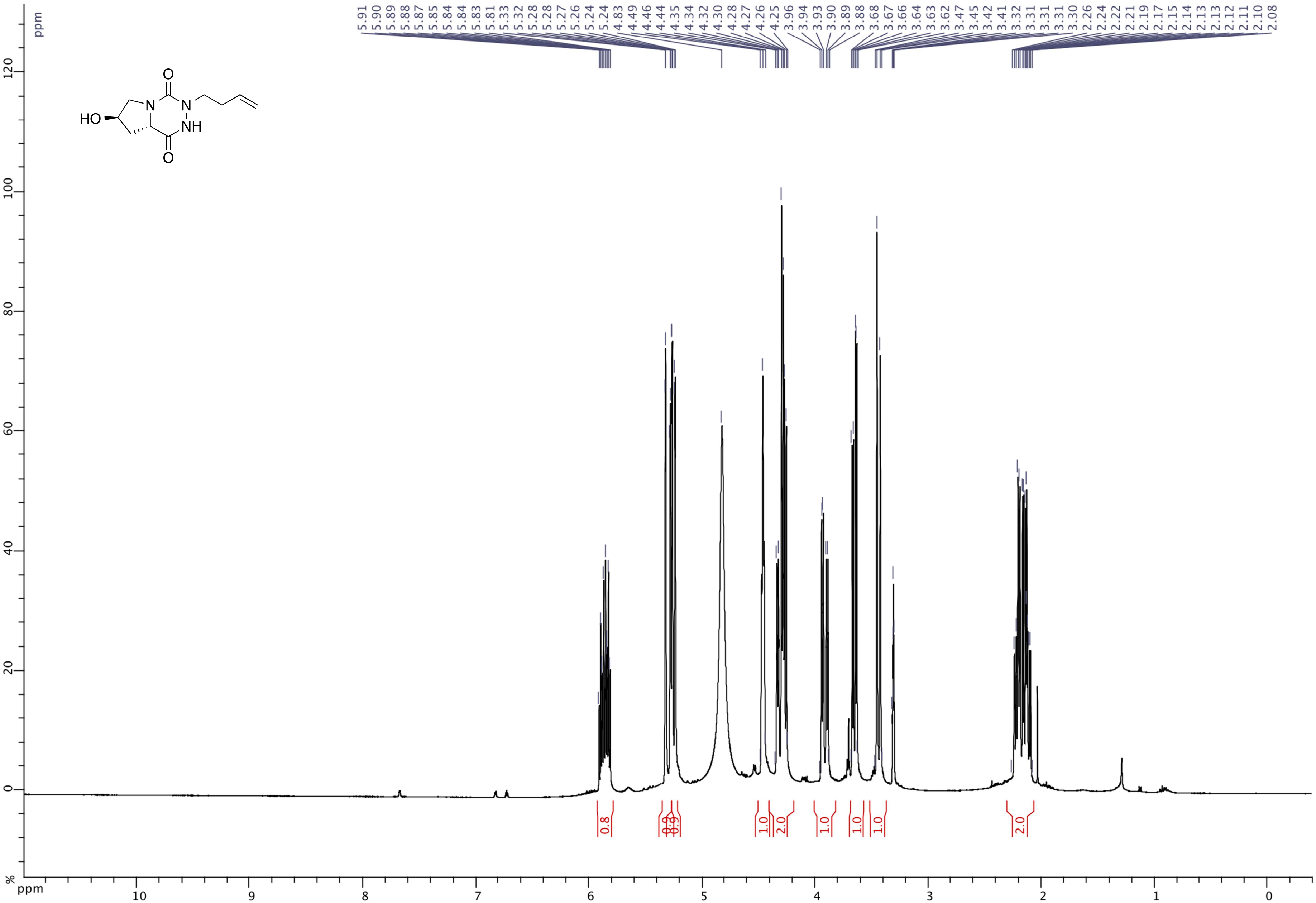
^{1}H NMR for **4m** (400 MHz, $CDCl_3$)



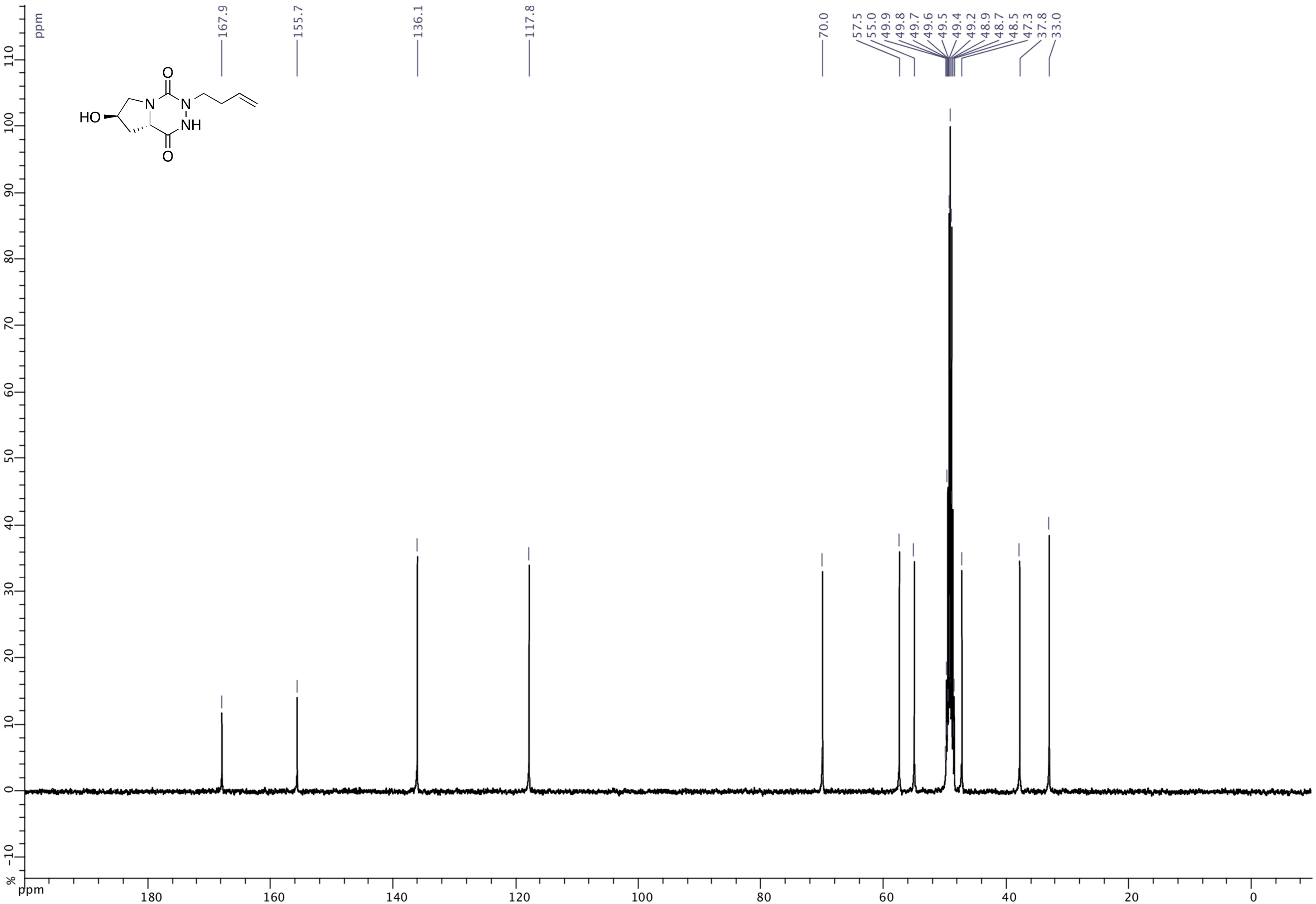
^{13}**C NMR** for **4m** (100 MHz, $CDCl_3$)



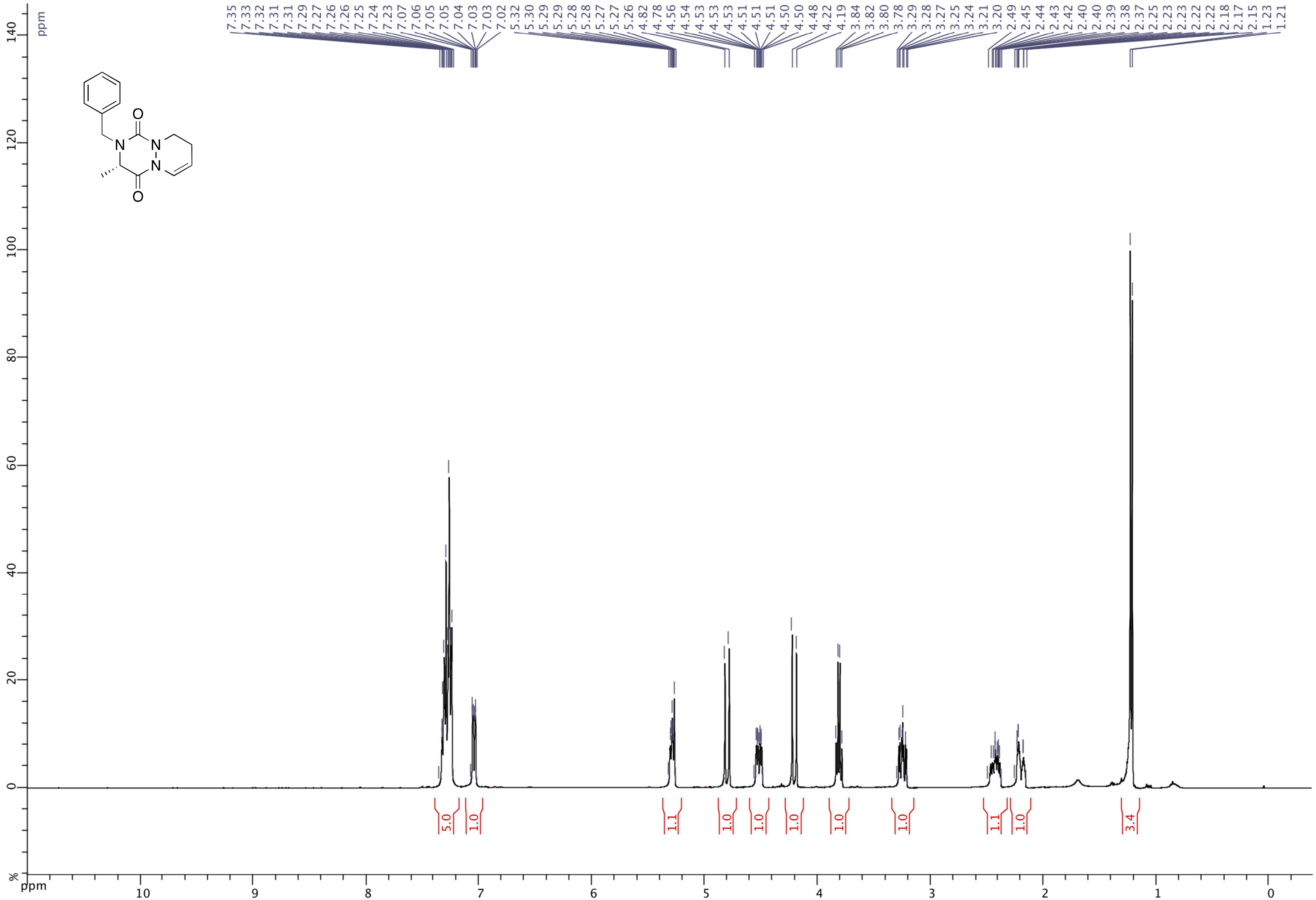
^{1}H NMR for **V** (400 MHz, MeOD-d_4)



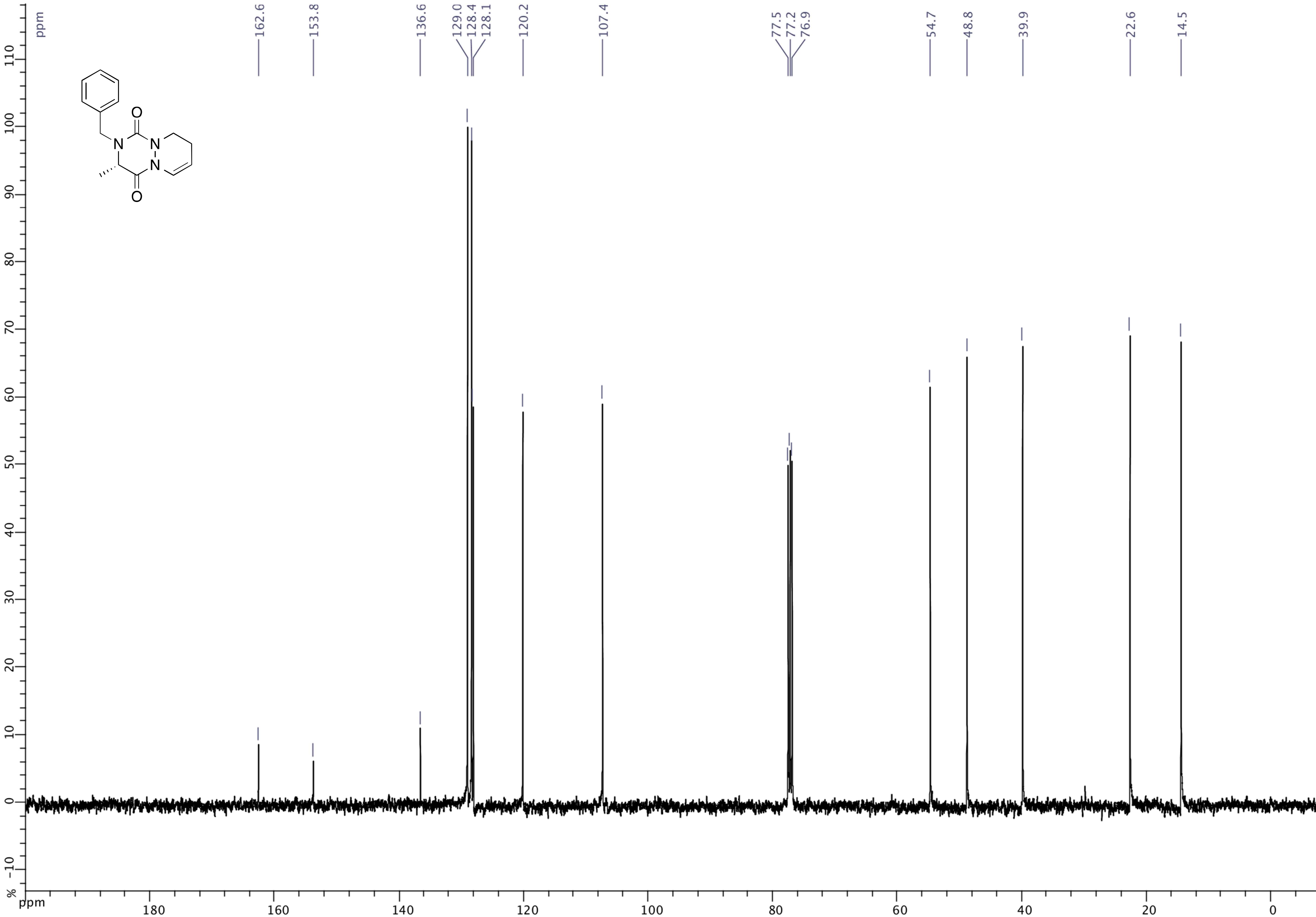
^{13}C NMR for **V** (100 MHz, MeOD-d_4)



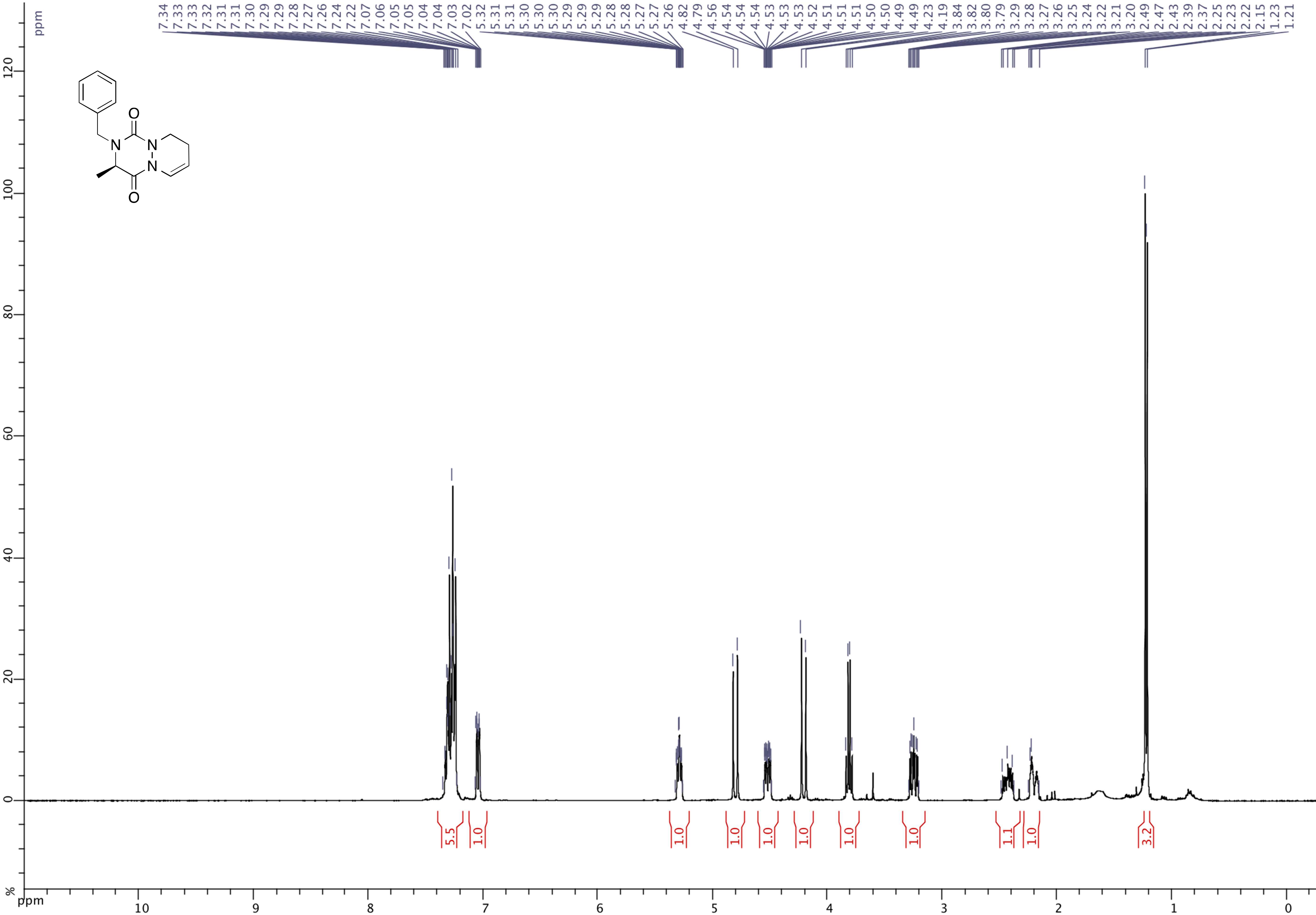
^{1}H NMR for **5a** (400 MHz, $CDCl_3$)



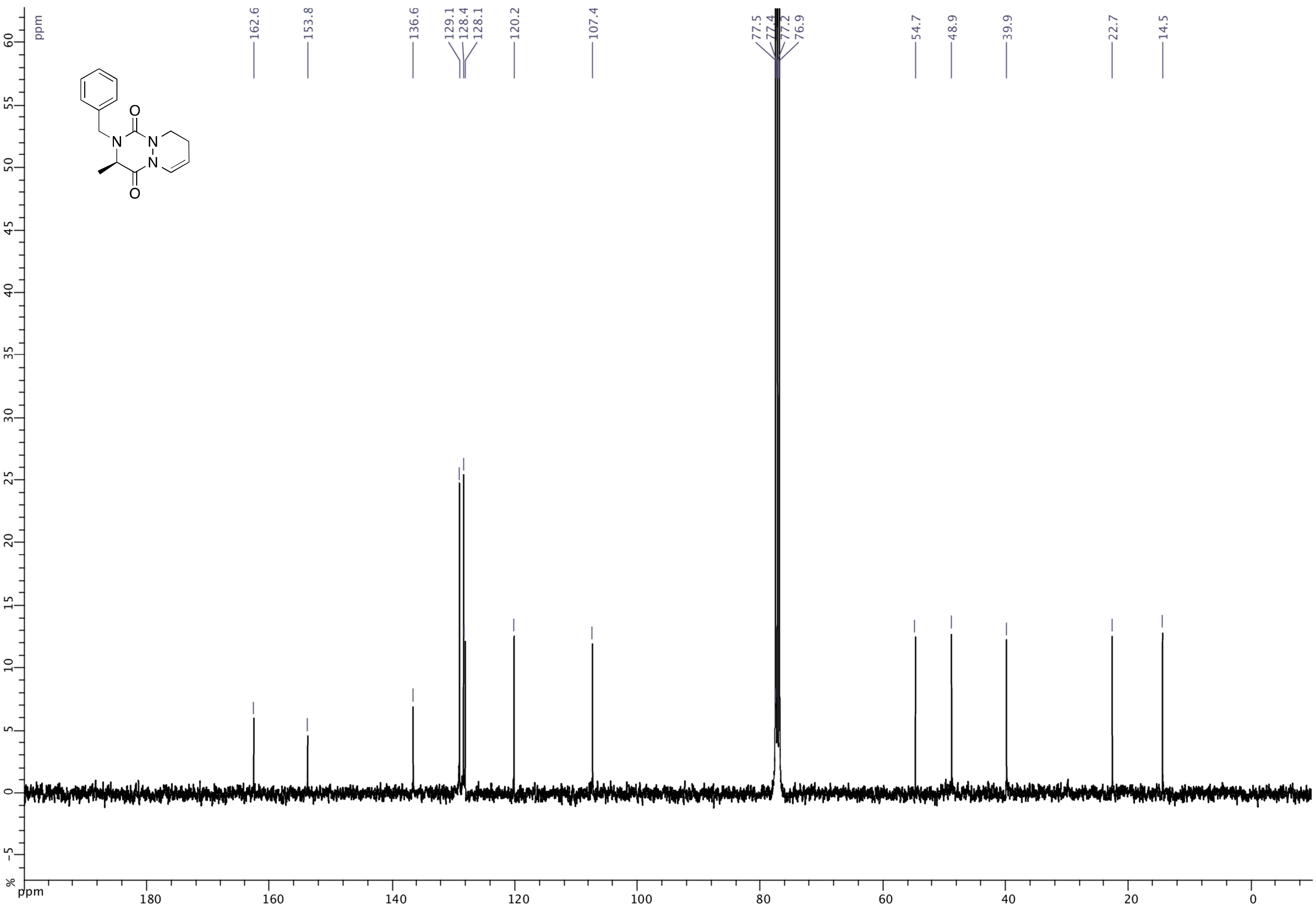
^{13}C NMR for **5a** (100 MHz, $CDCl_3$)



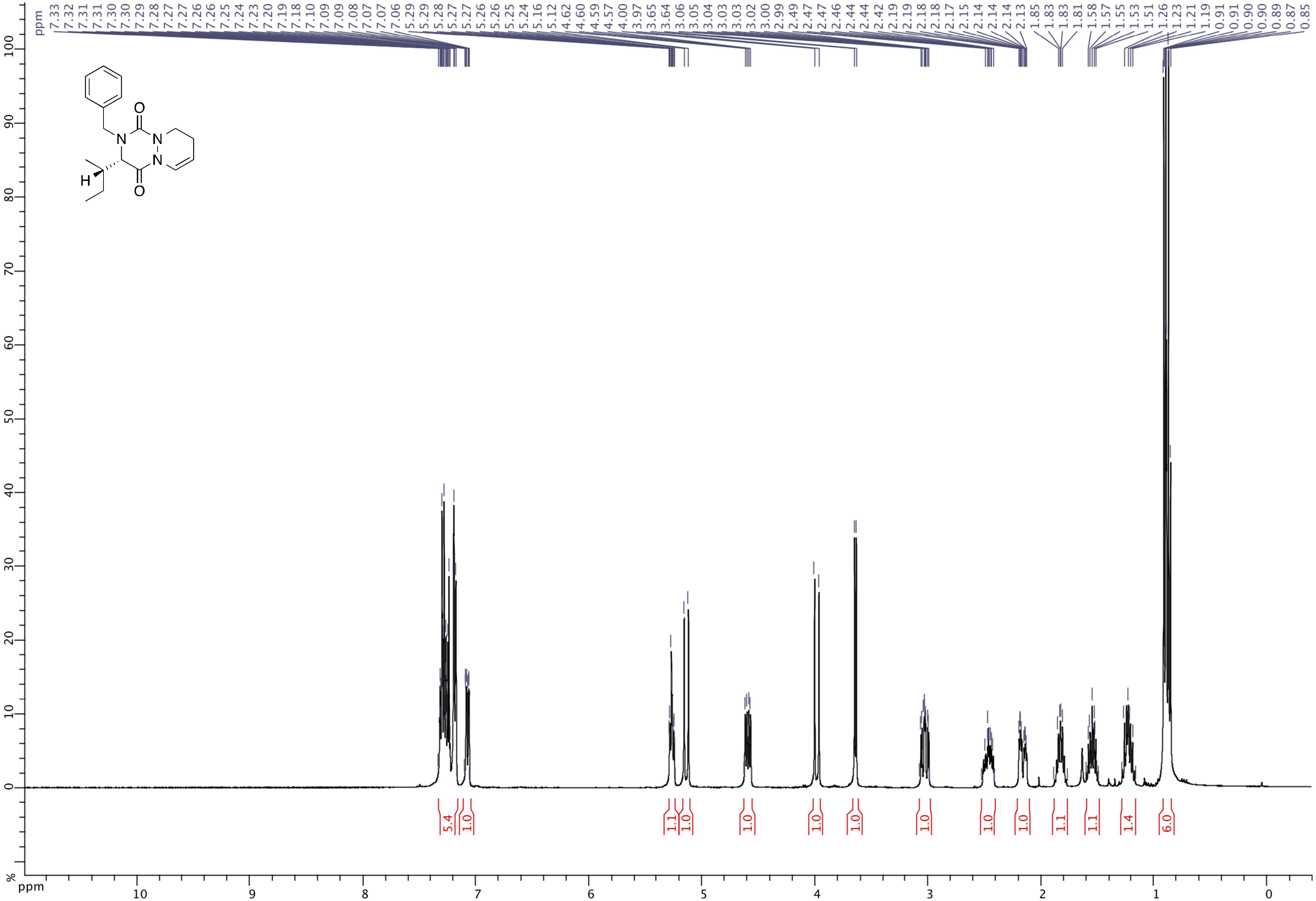
^{1}H NMR for **5b** (400 MHz, $CDCl_3$)



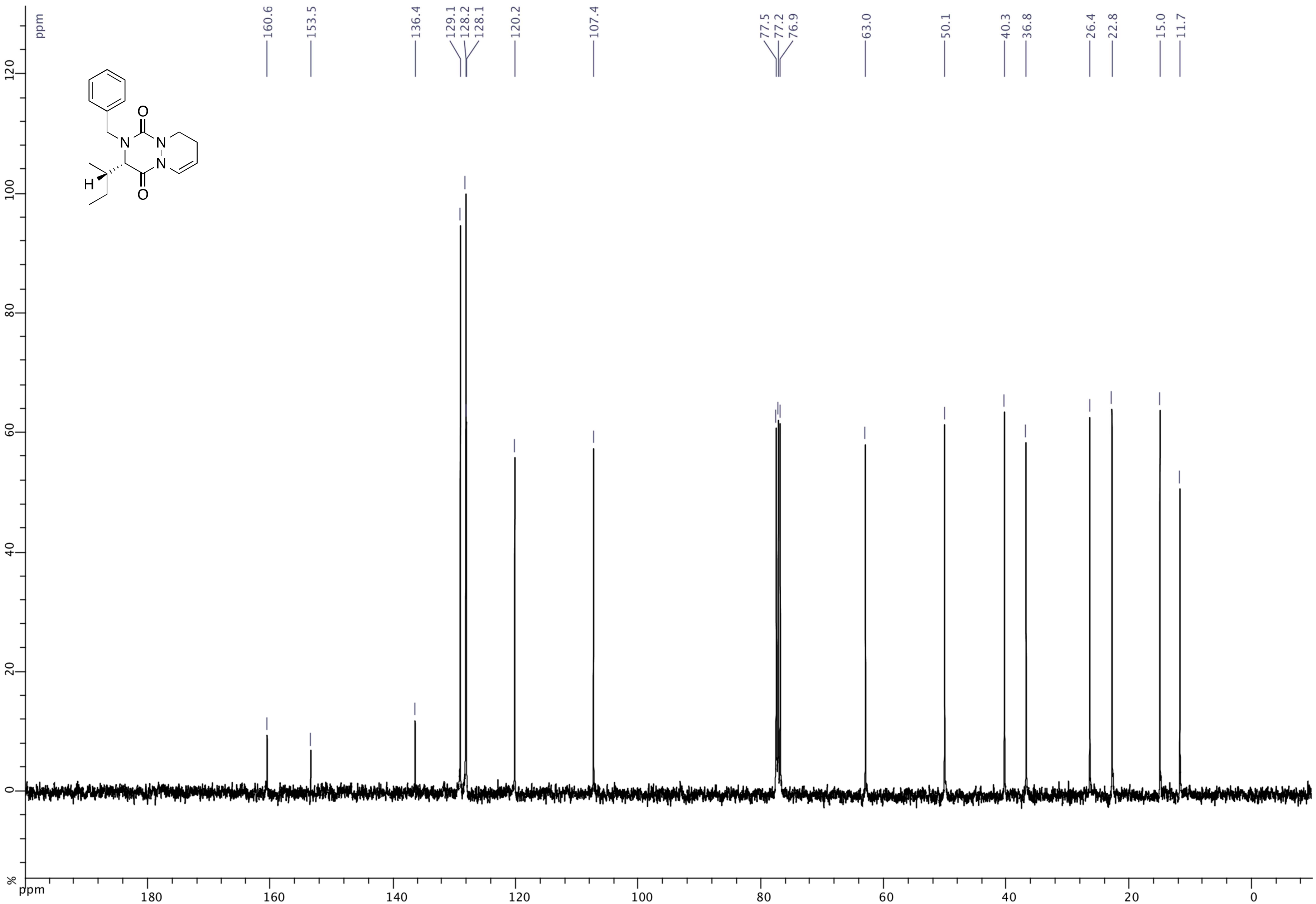
^{13}**C NMR** for **5b** (100 MHz, $CDCl_3$)



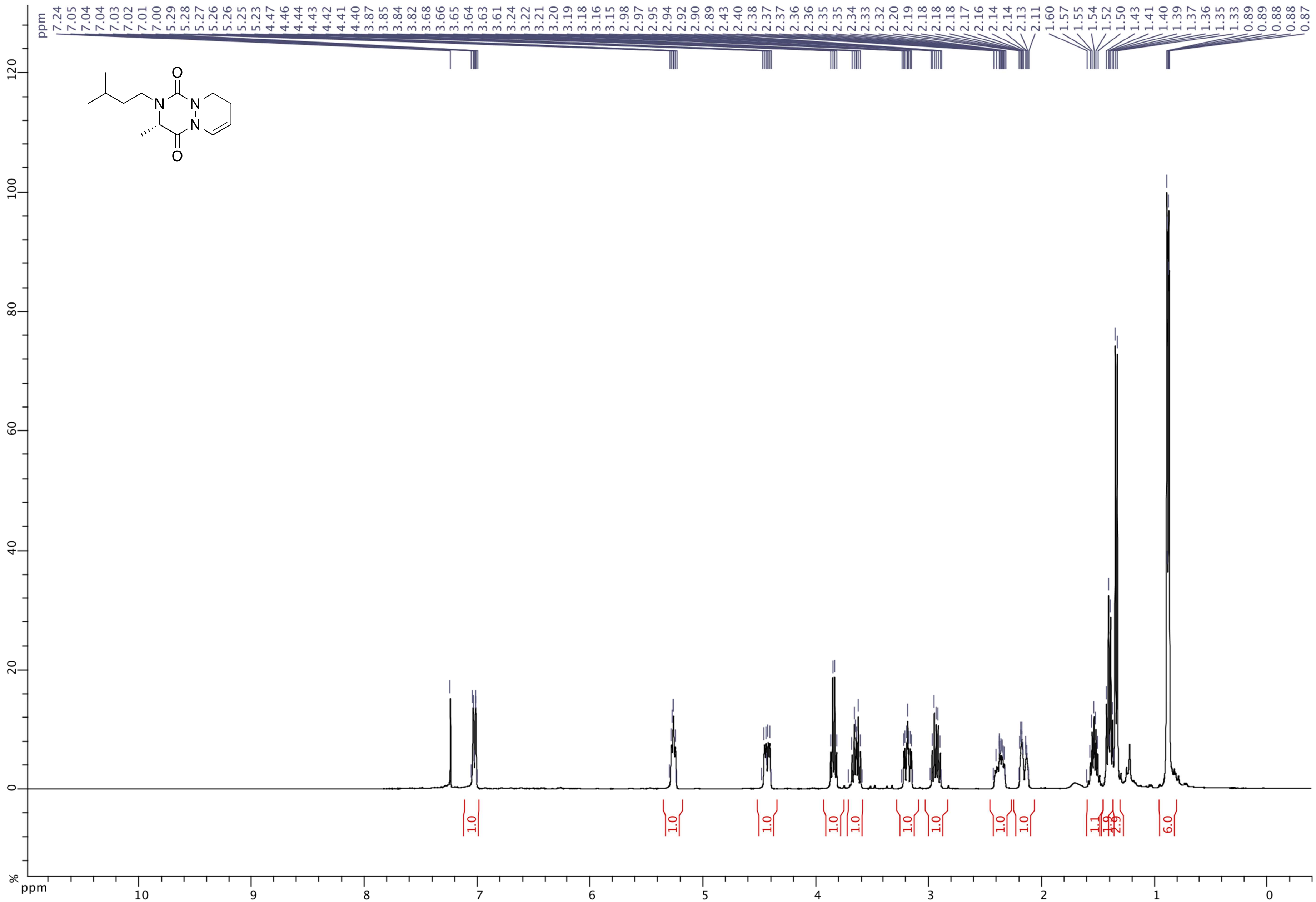
^{1}**H NMR** for **5c** (400 MHz, $CDCl_3$)



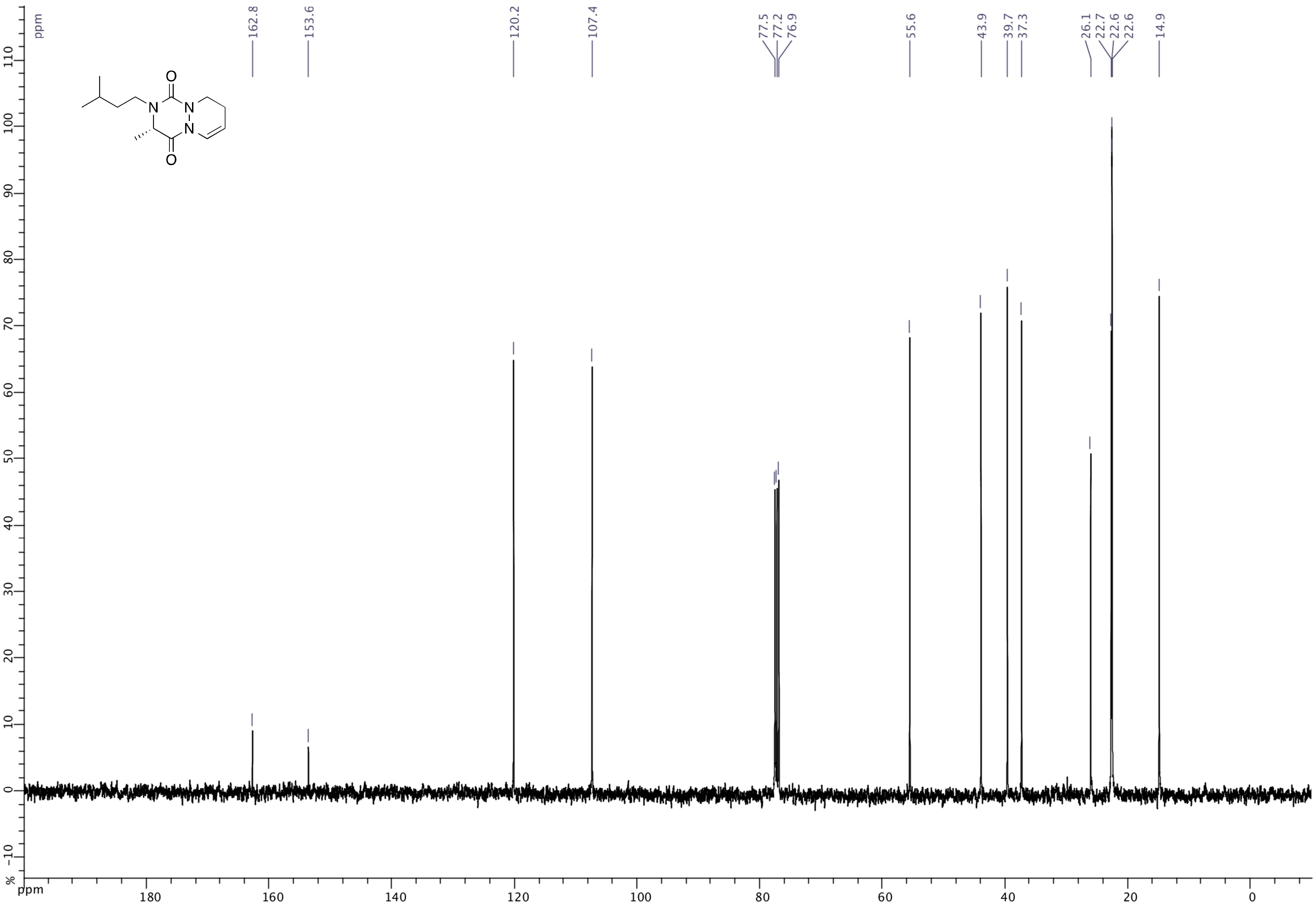
[13]C NMR for **5c** (100 MHz, CDCl$_3$)



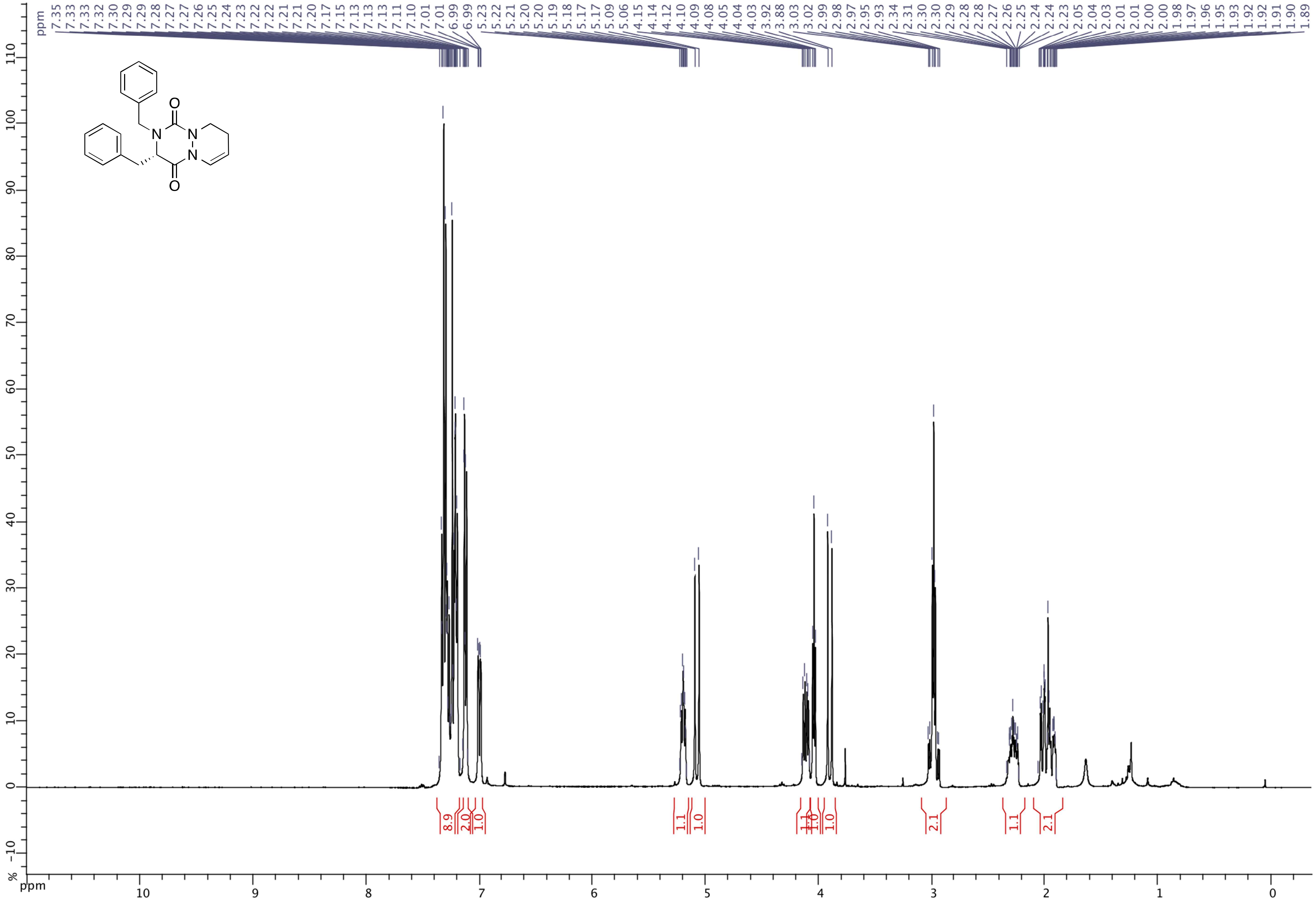
^{1}H NMR for **5d** (400 MHz, $CDCl_3$)



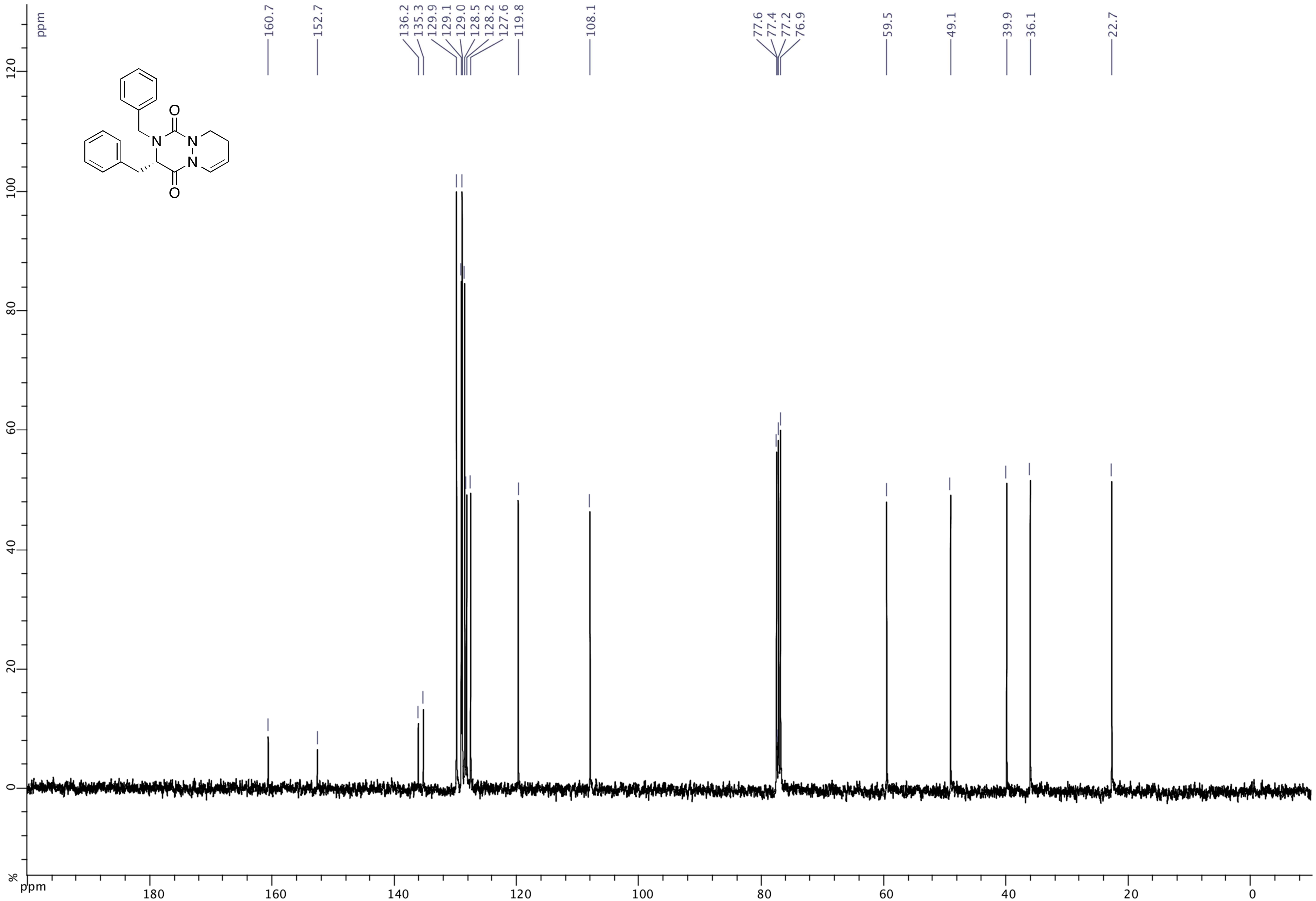
^{13}**C NMR** for **5d** (100 MHz, $CDCl_3$)



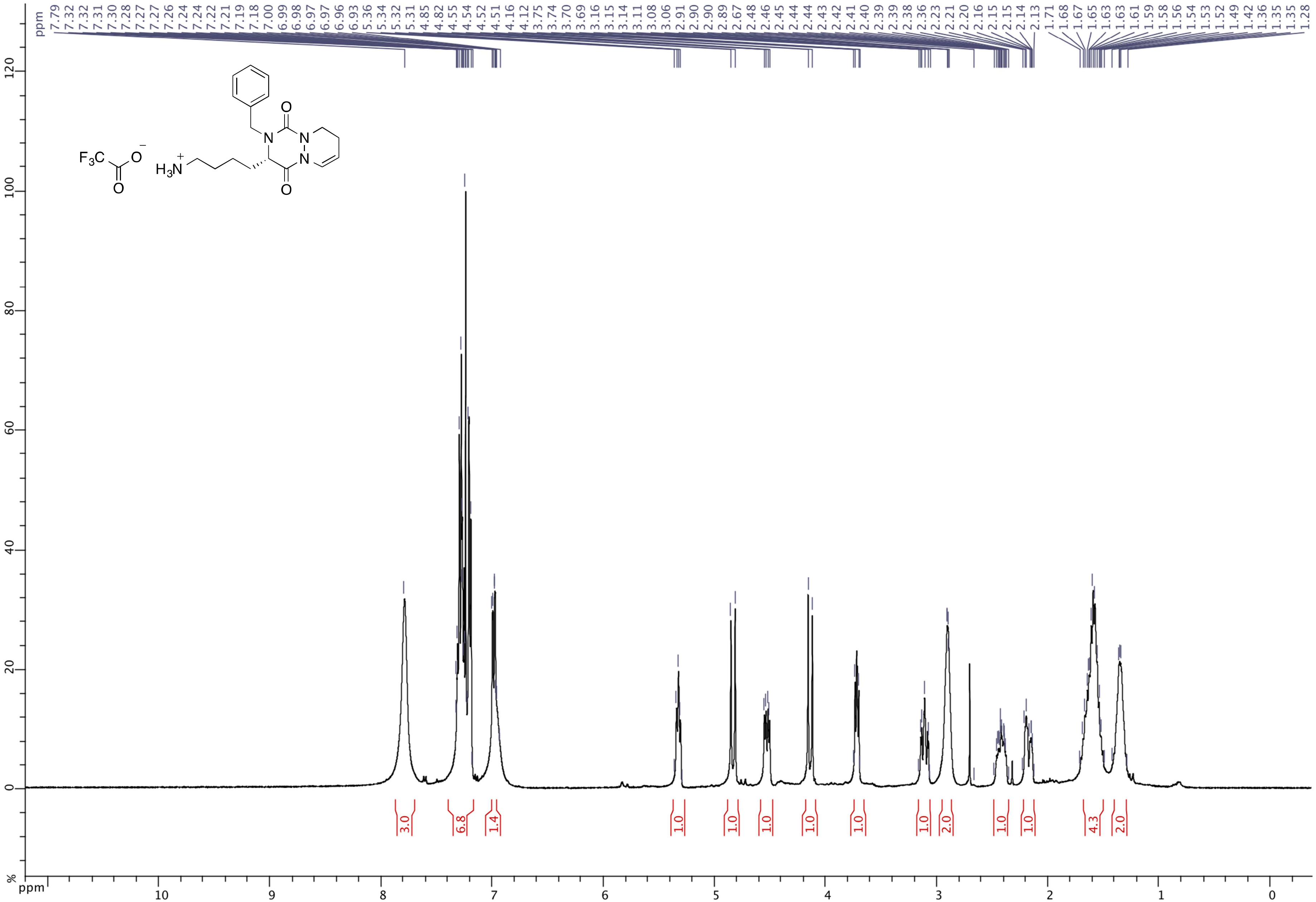
^{1}**H NMR** for **5e** (400 MHz, $CDCl_3$)



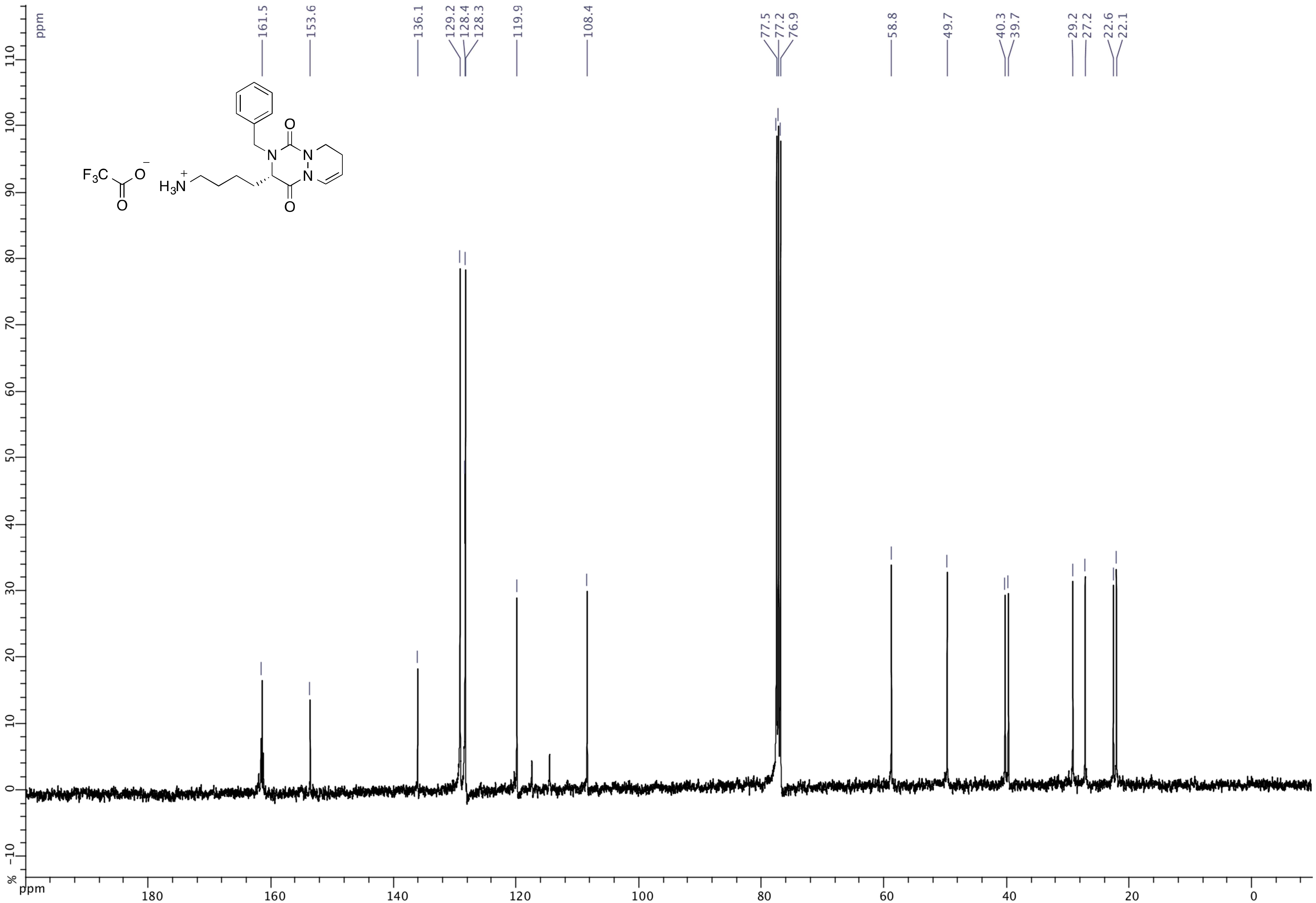
^{13}C NMR for **5e** (100 MHz, $CDCl_3$)



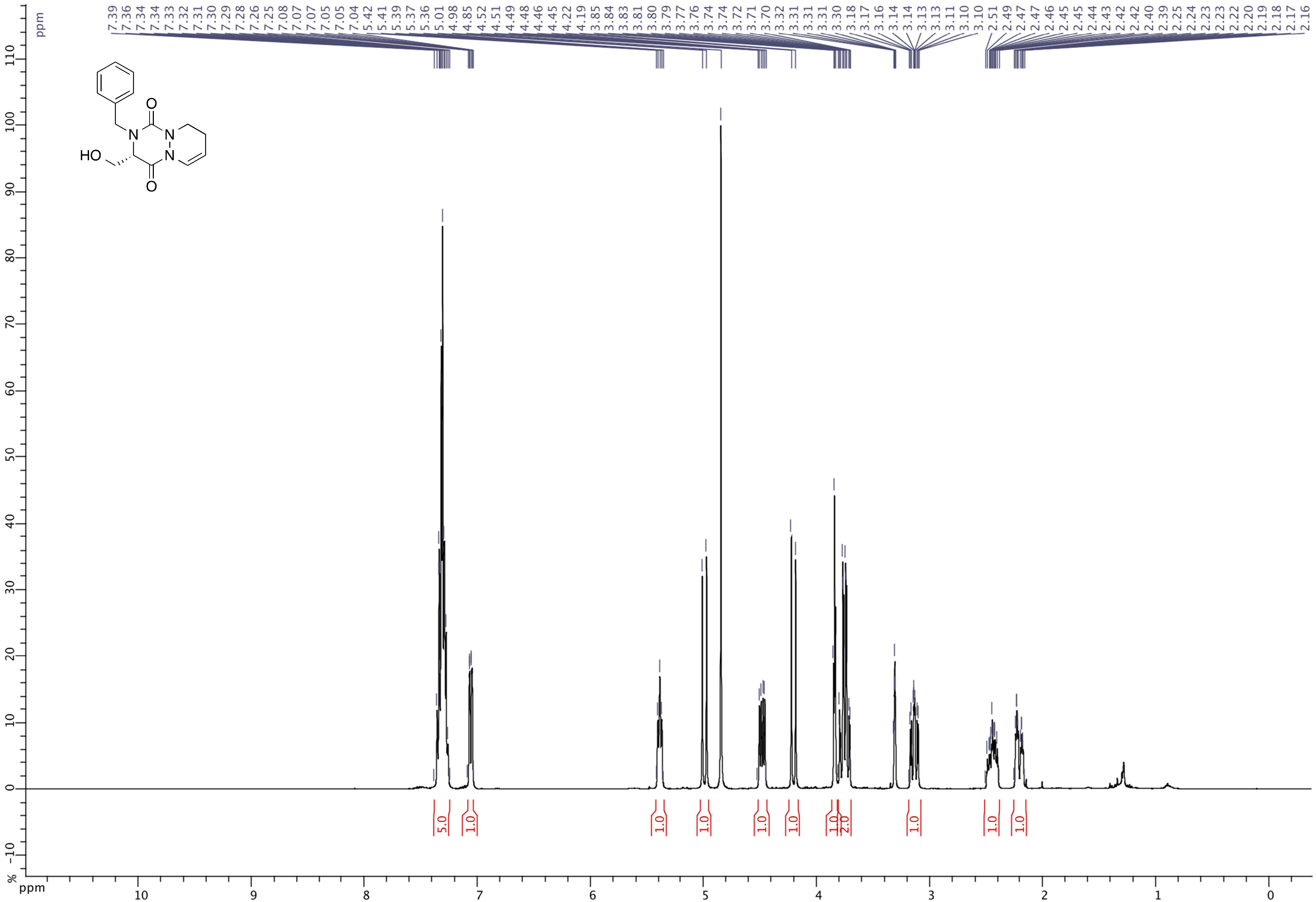
^{1}H NMR for **5f** (400 MHz, $CDCl_3$)



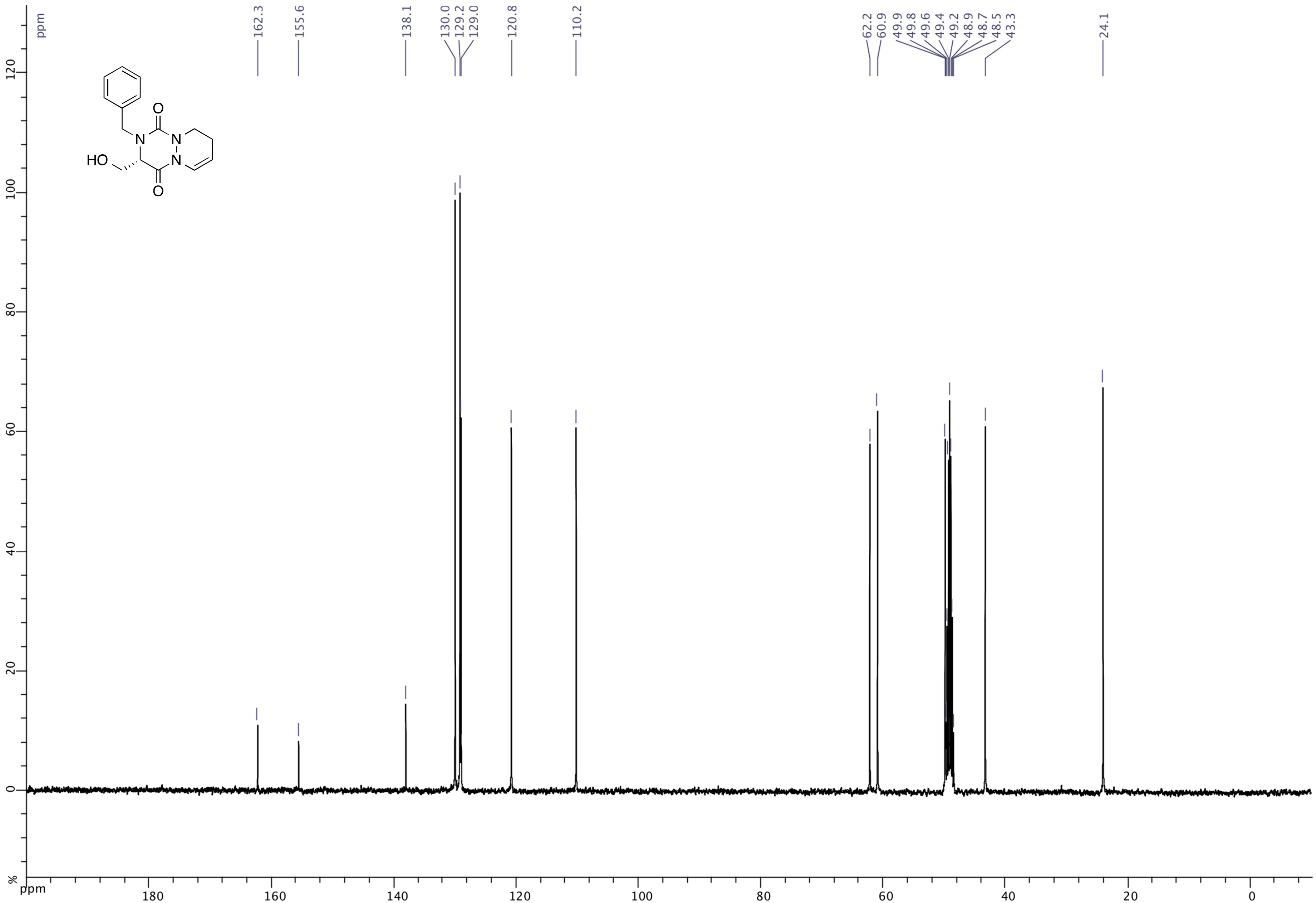
^{13}C NMR for **5f** (100 MHz, $CDCl_3$)



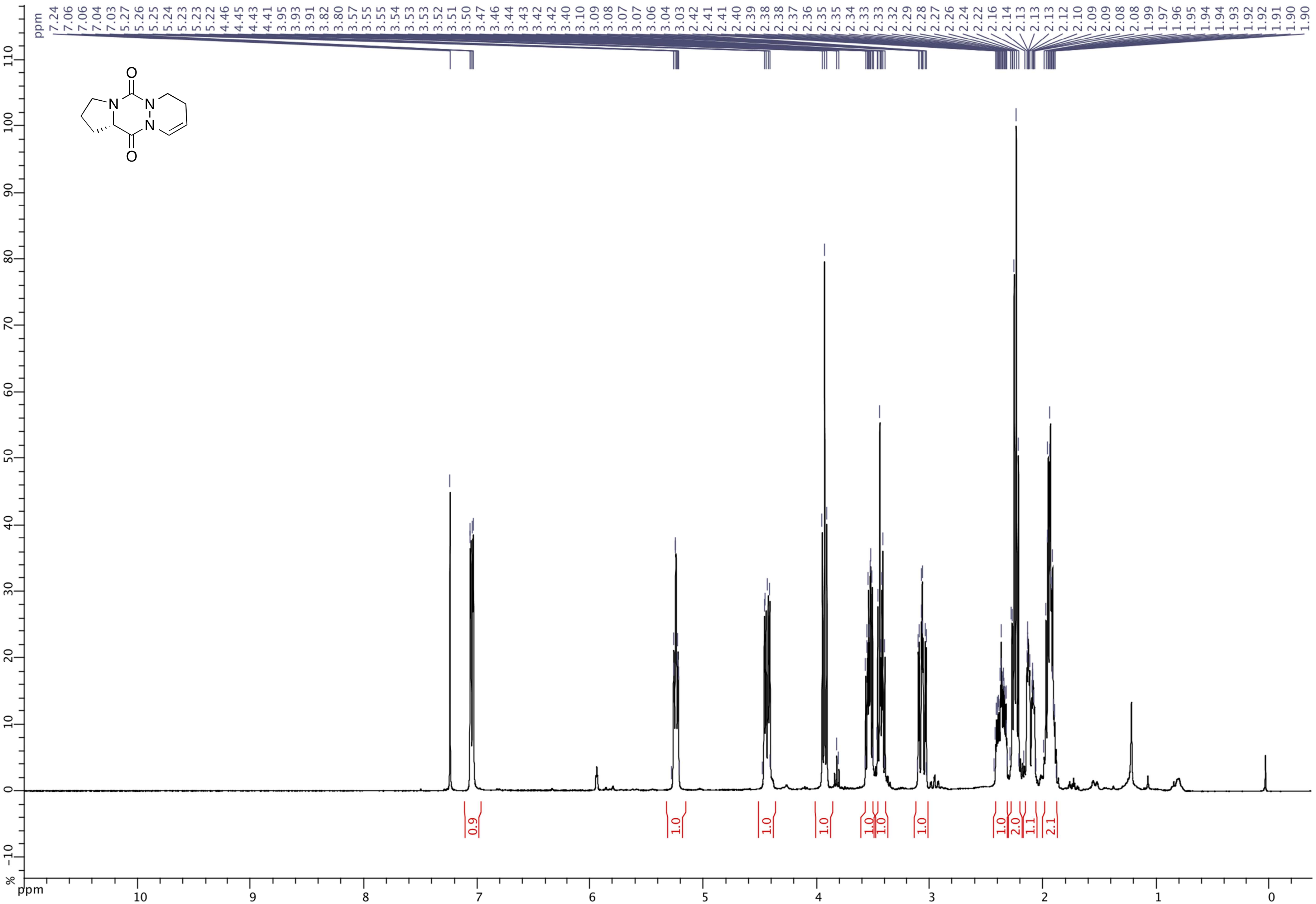
^{1}H NMR for **5g** (400 MHz, MeOD-d_4)



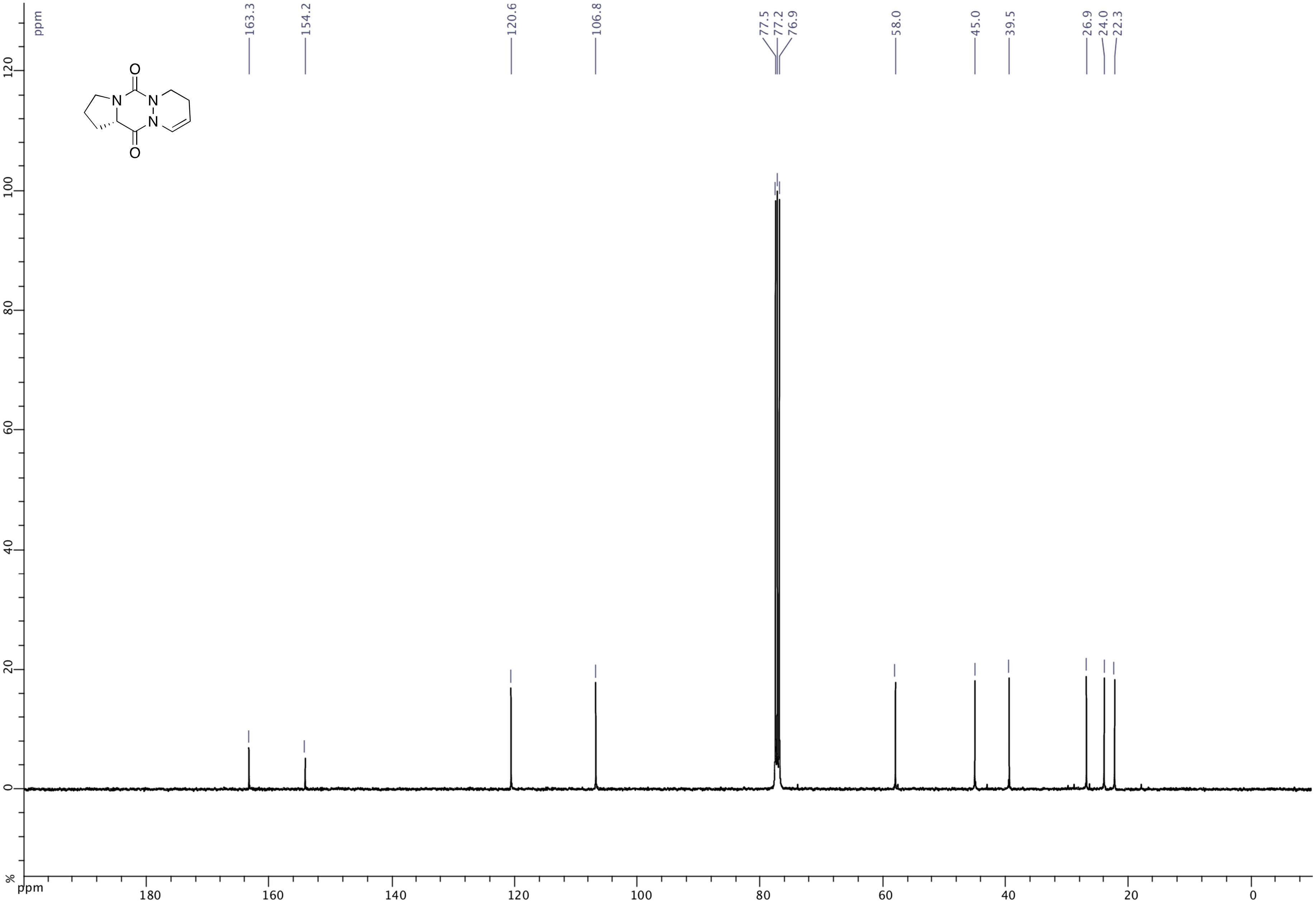
^{13}**C NMR** for **5g** (100 MHz, MeOD-d_4)



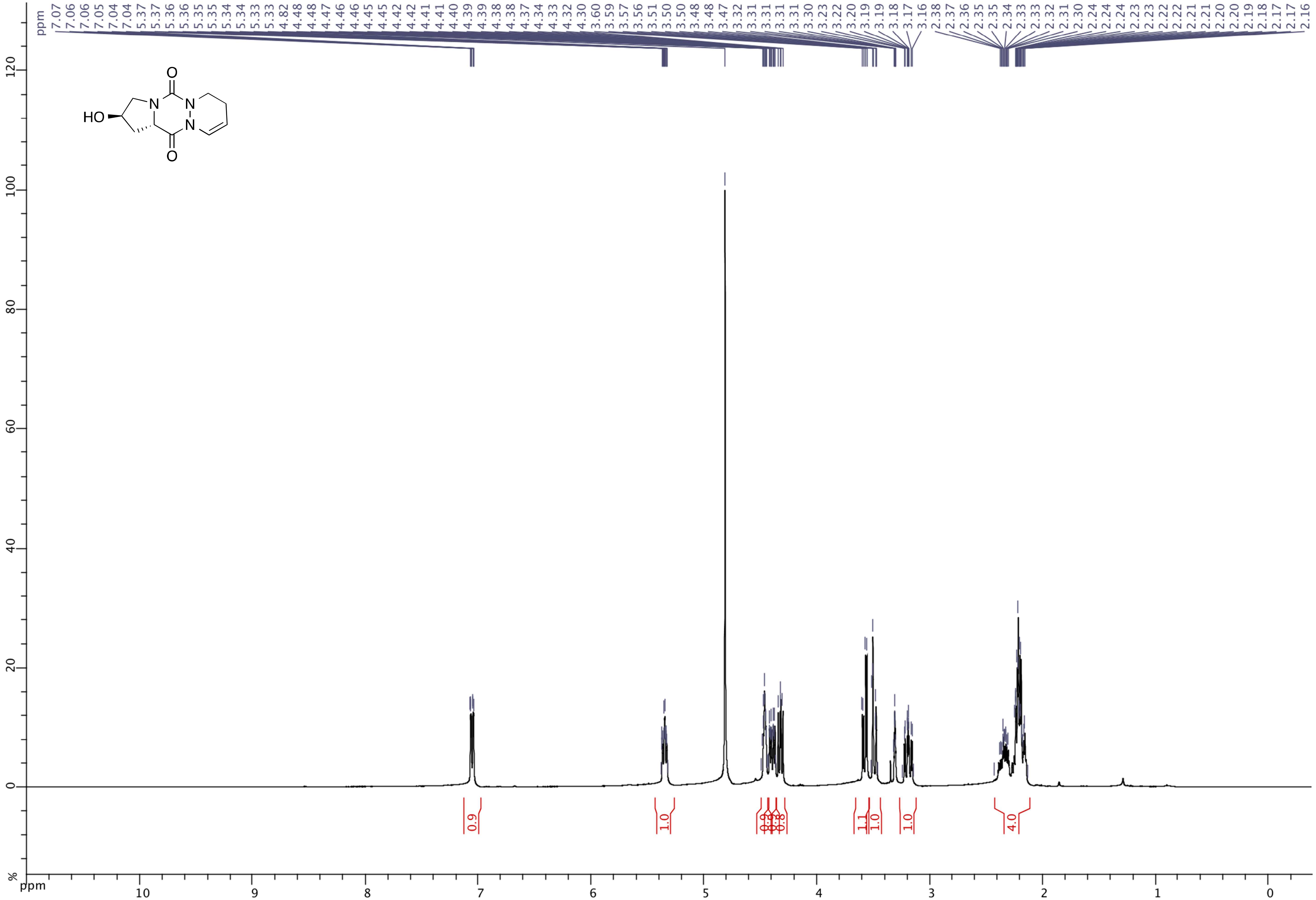
^{1}**H NMR** for **5h** (400 MHz, $CDCl_3$)



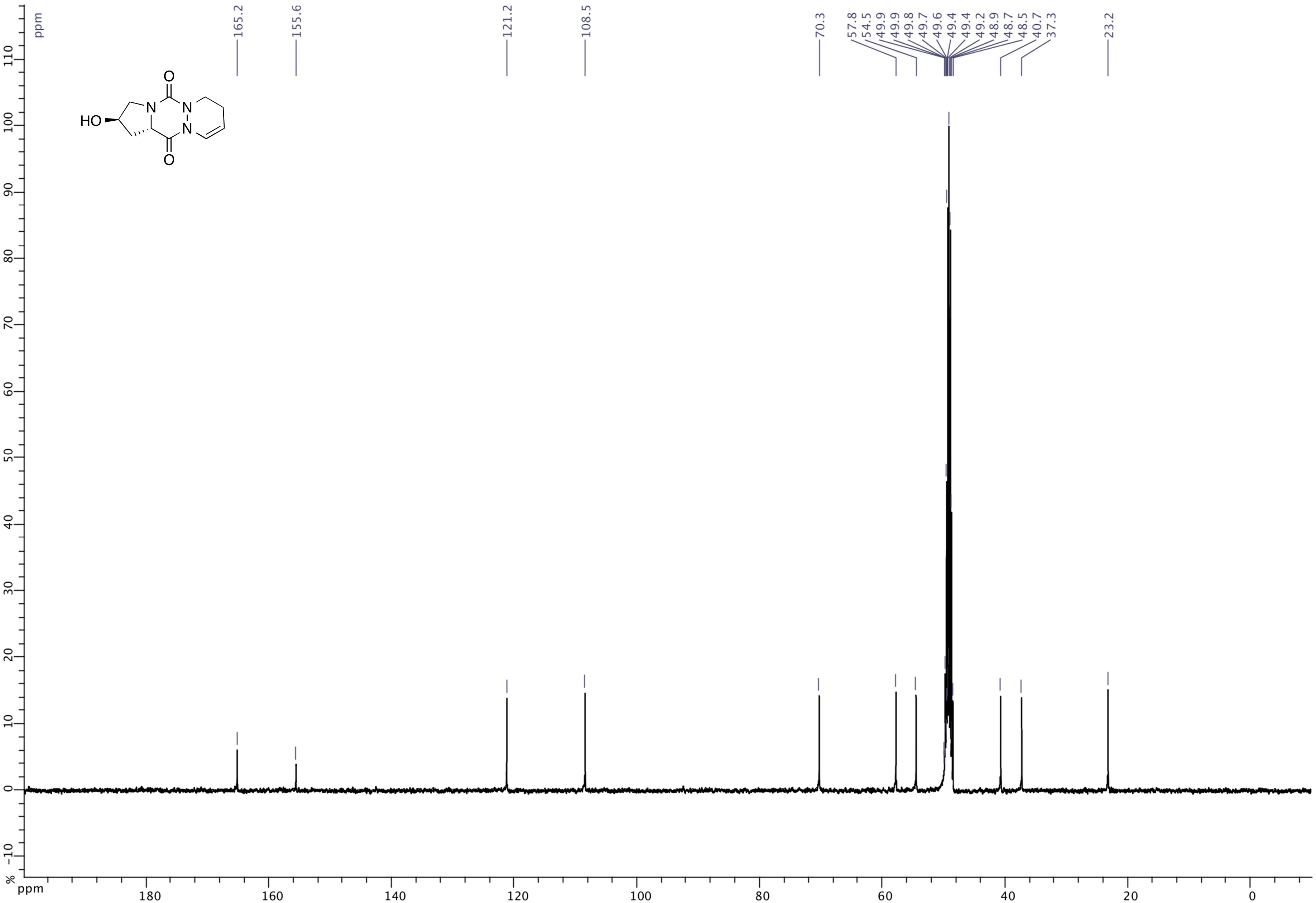
^{13}**C NMR** for **5h** (100 MHz, $CDCl_3$)



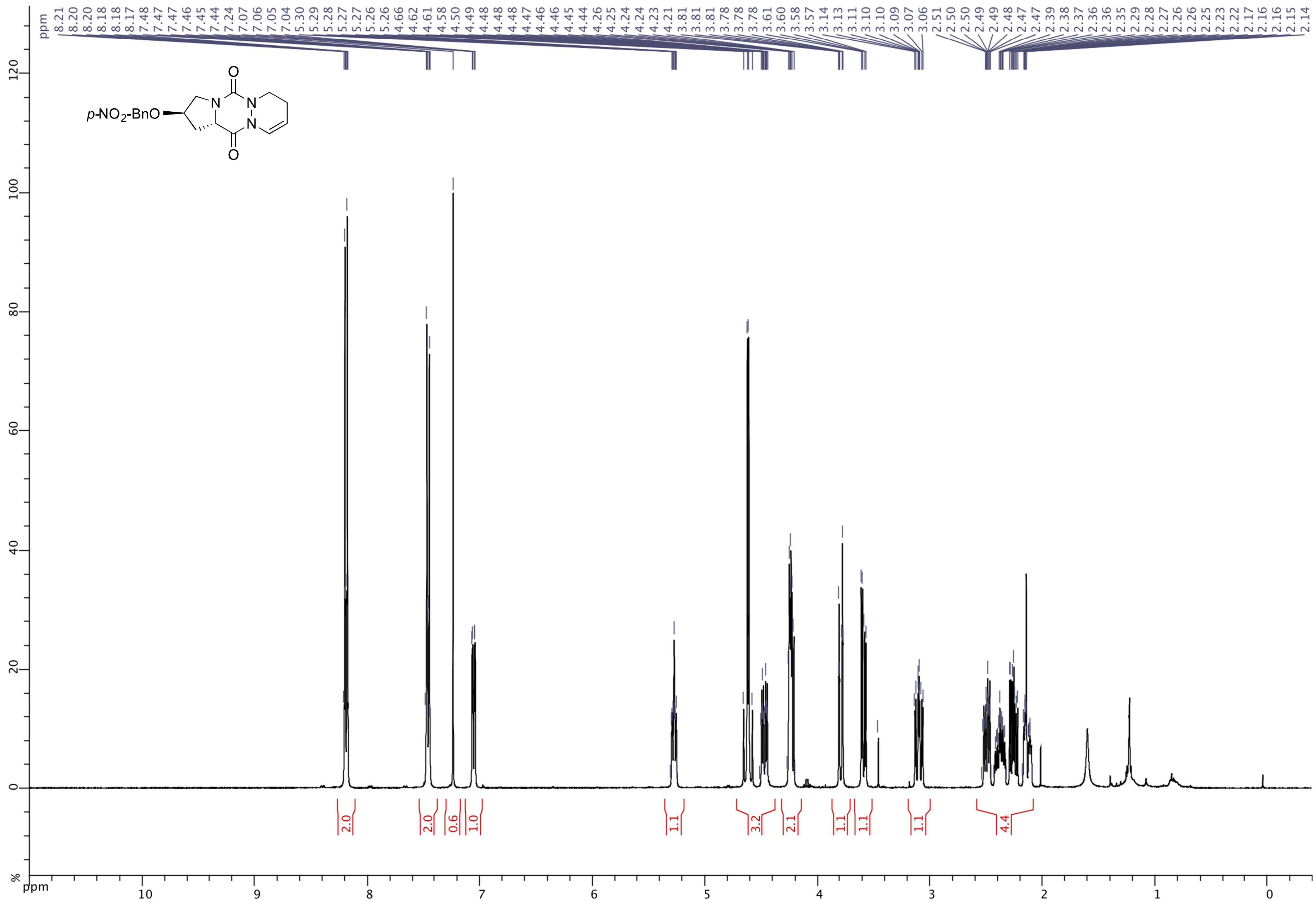
^{1}H NMR for **5i** (400 MHz, MeOD-d_4)



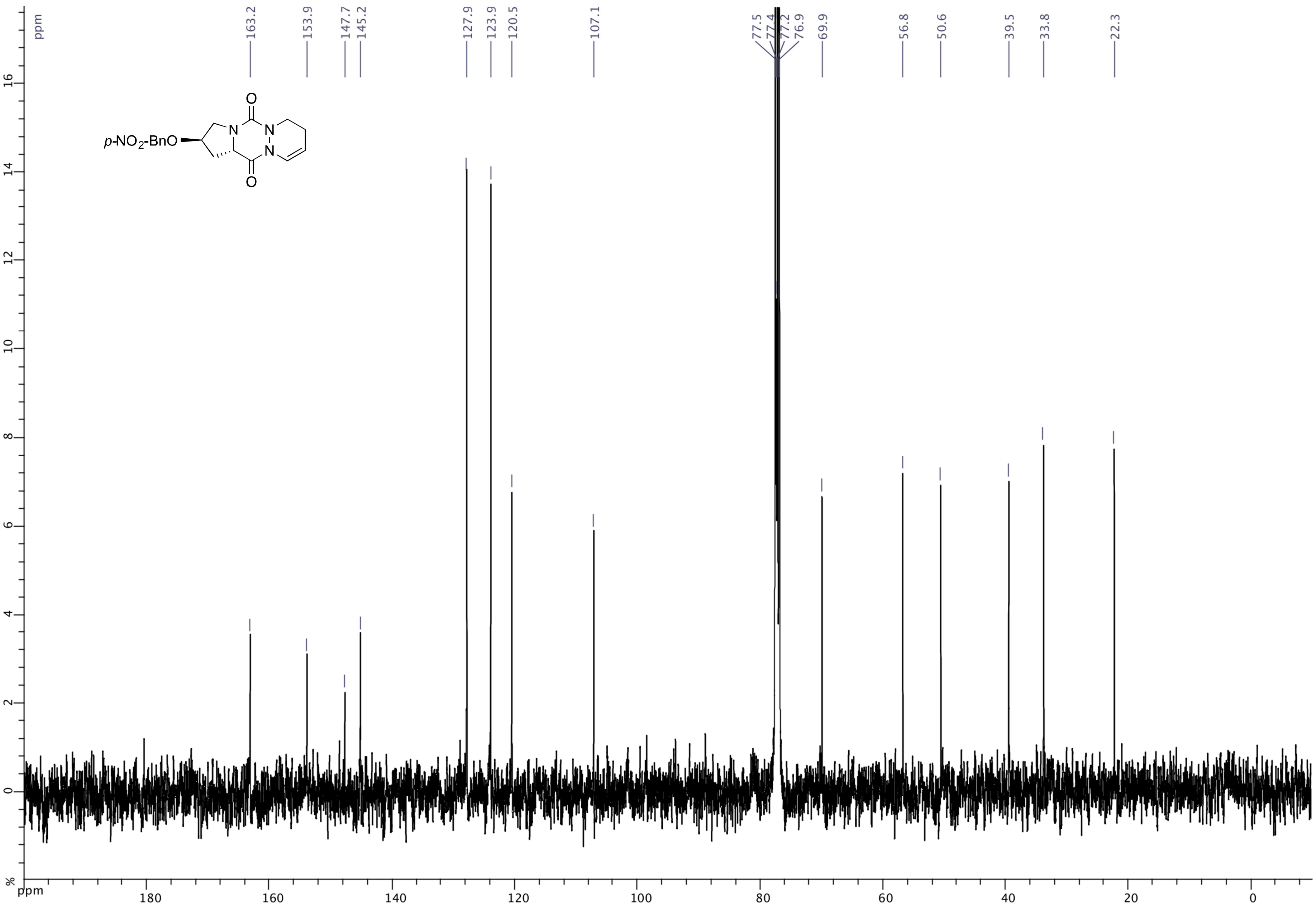
^{13}C NMR for **5i** (100 MHz, MeOD-d_4)



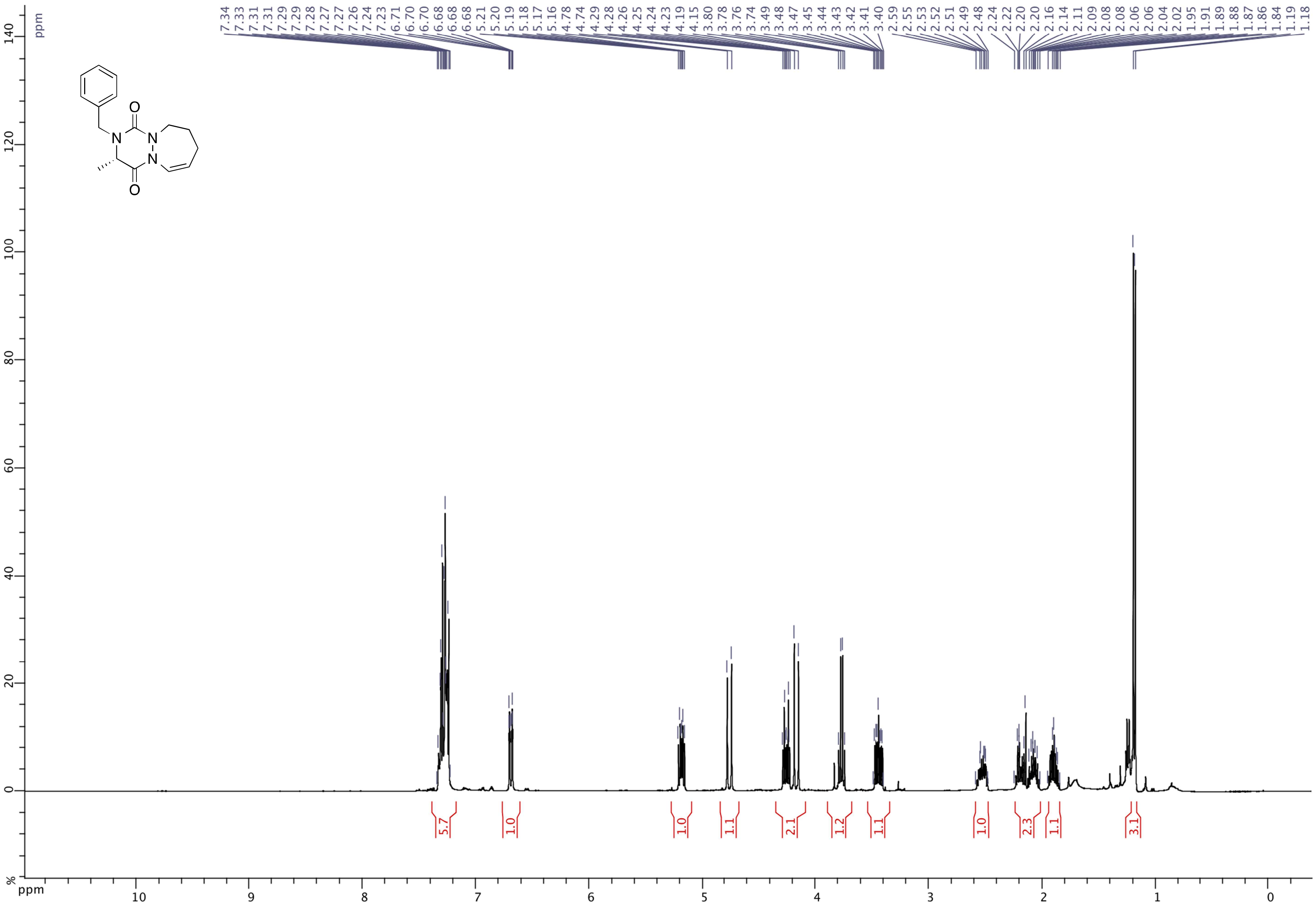
^{1}**H NMR** for **5j** (400 MHz, $CDCl_3$)



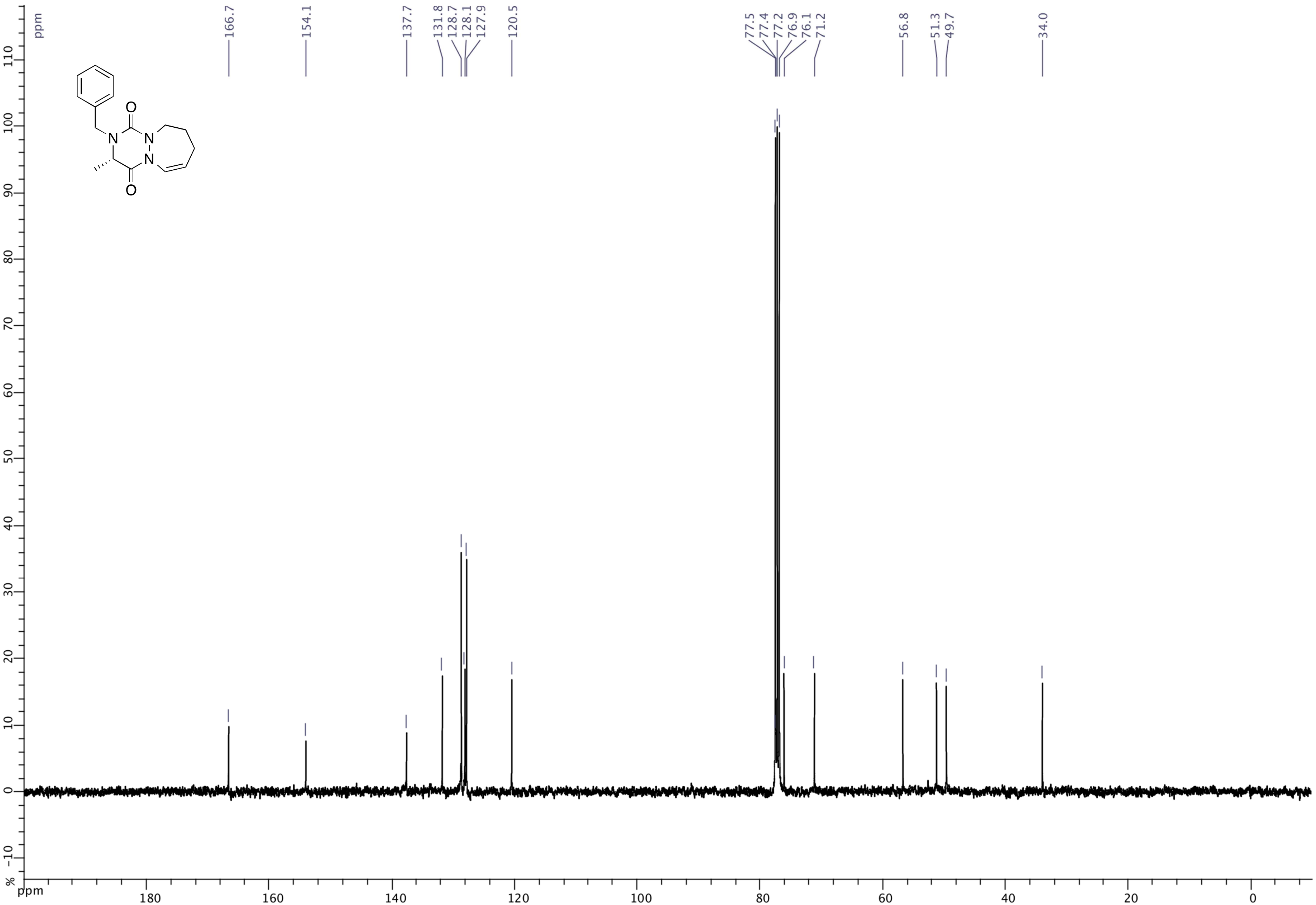
^{13}**C NMR** for **5j** (100 MHz, $CDCl_3$)



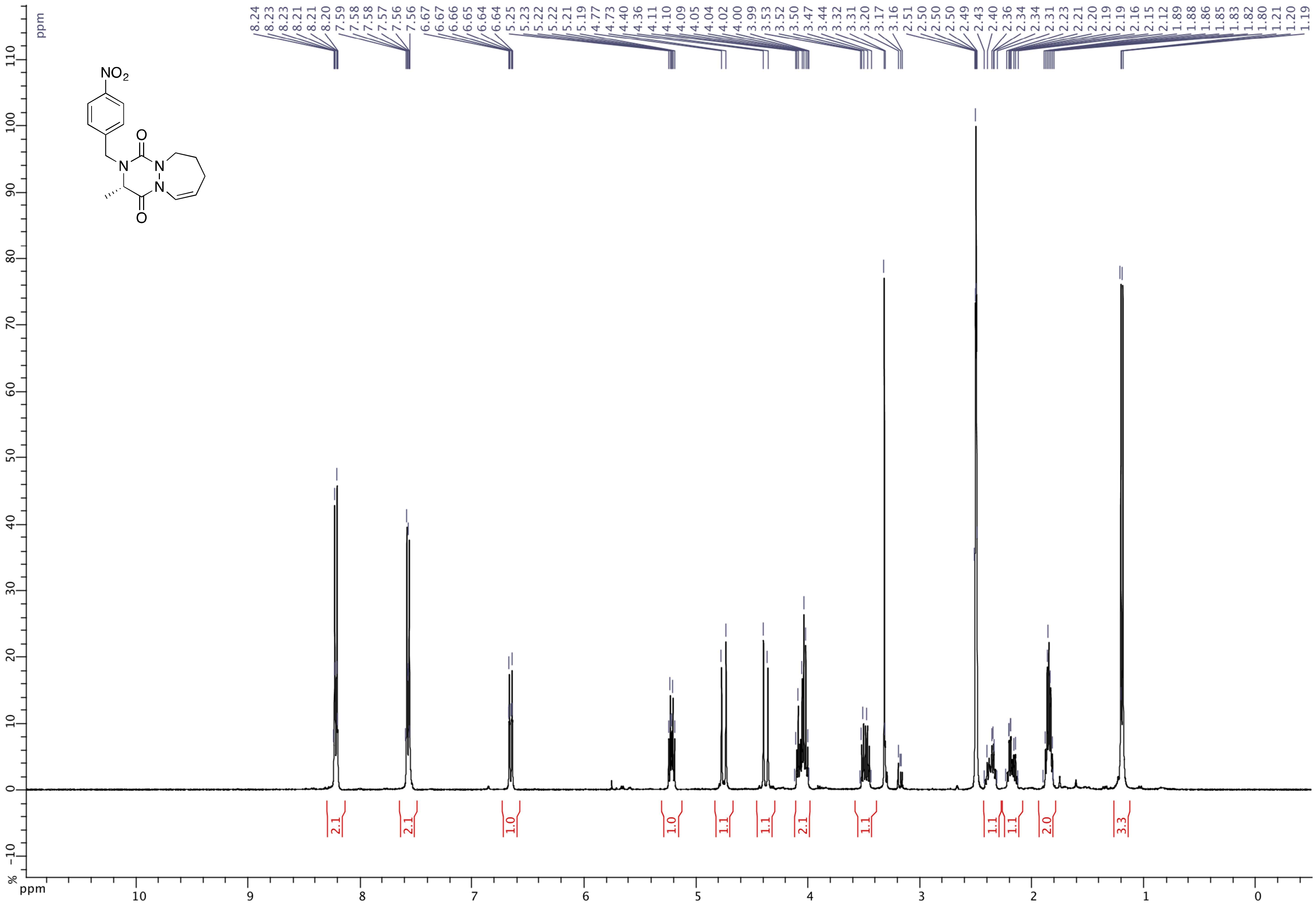
^{1}H NMR for **5k** (400 MHz, $CDCl_3$)



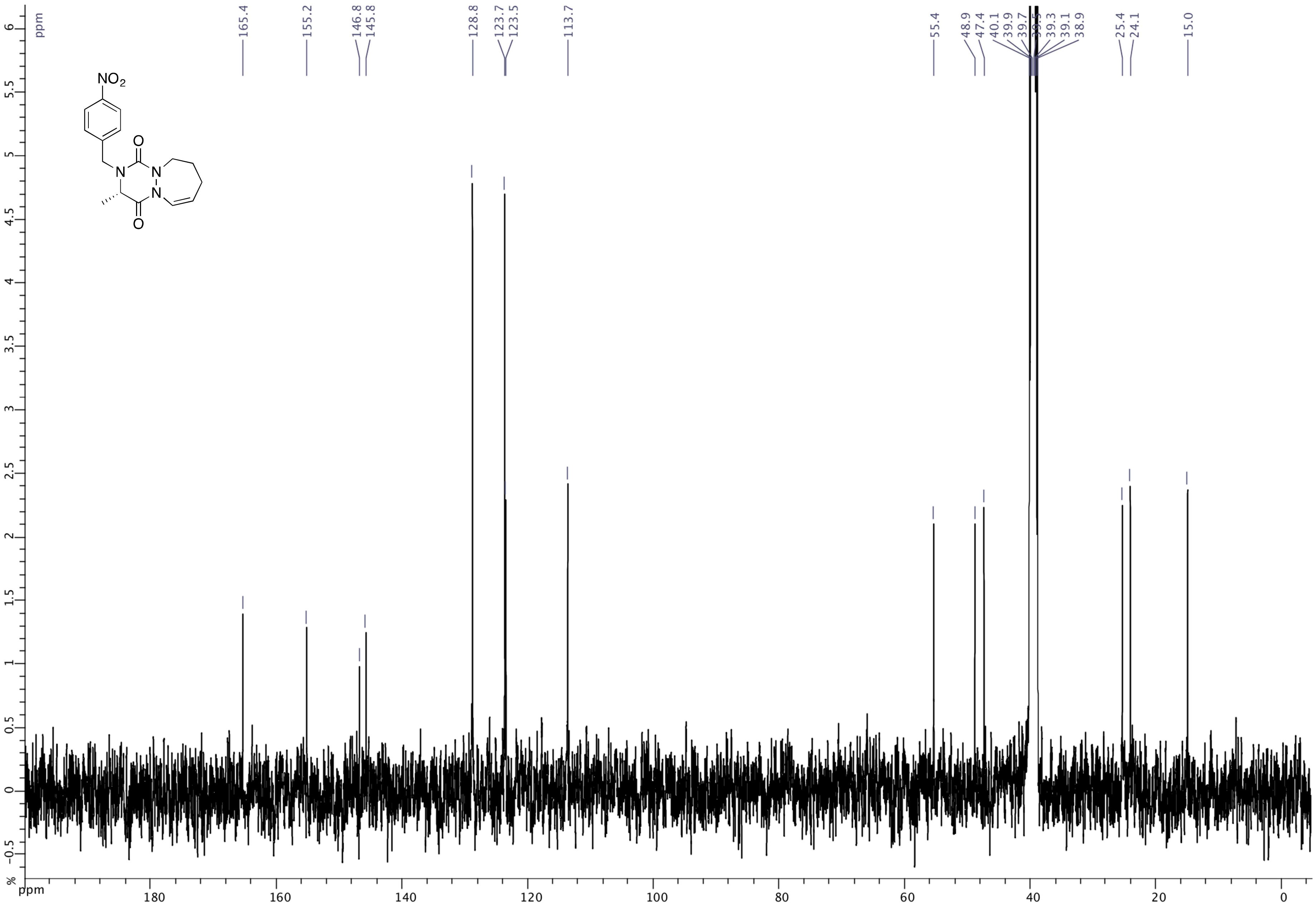
^{13}C NMR for **5k** (100 MHz, $CDCl_3$)



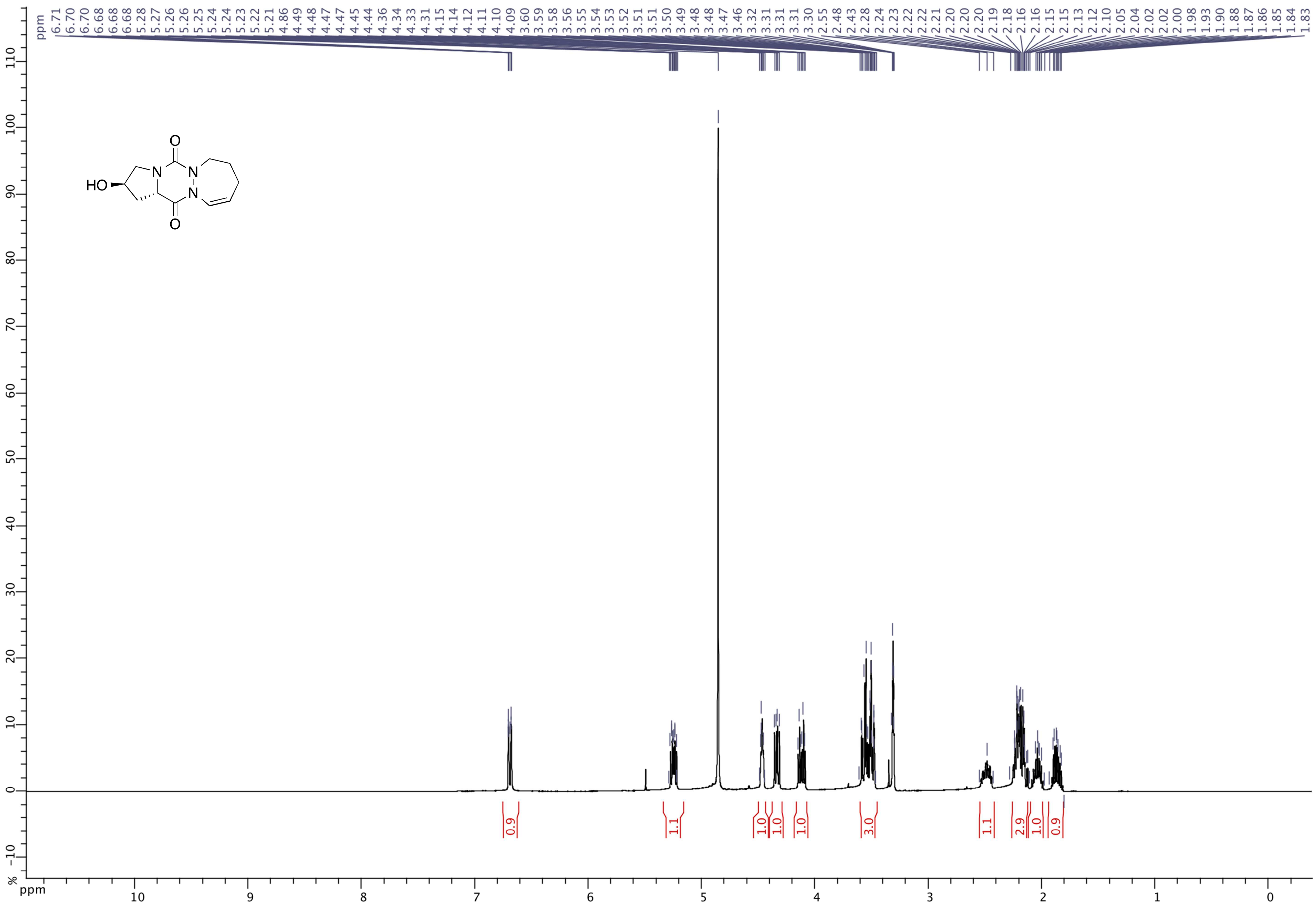
^{1}**H NMR** for **5l** (400 MHz, $CDCl_3$)



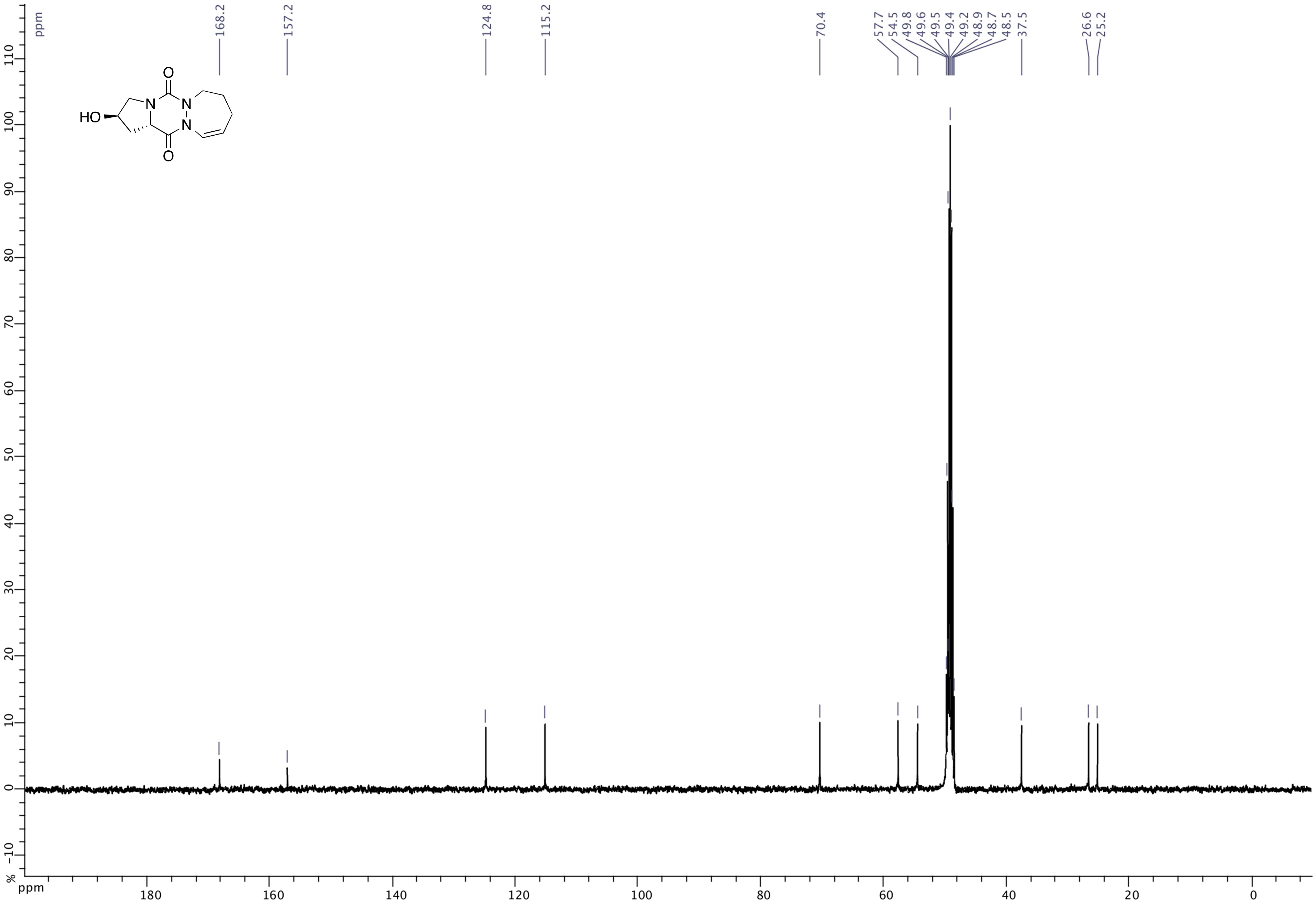
^{13}C NMR for **5l** (100 MHz, $CDCl_3$)



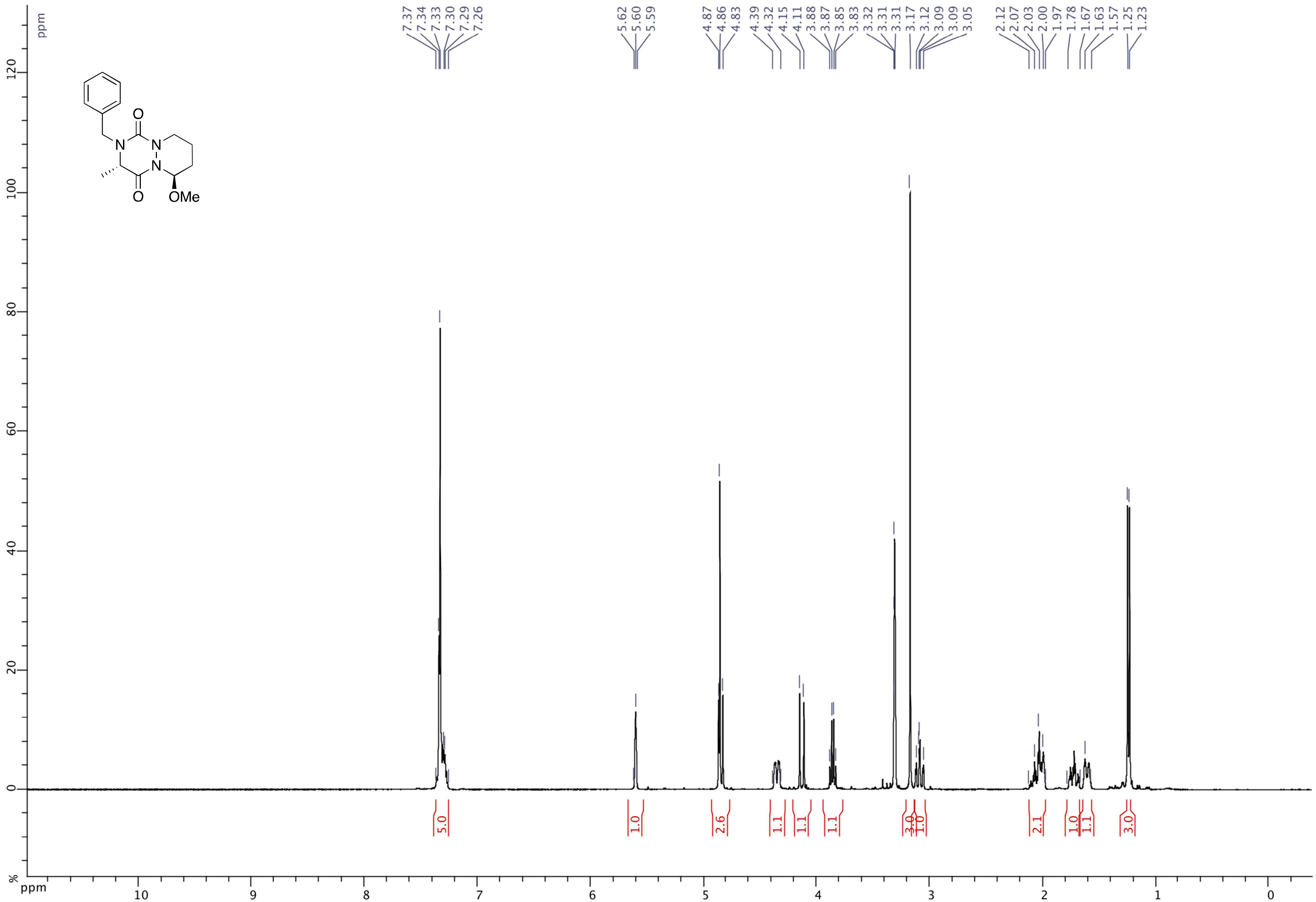
^{1}H NMR for **5m** (400 MHz, MeOD-d_4)



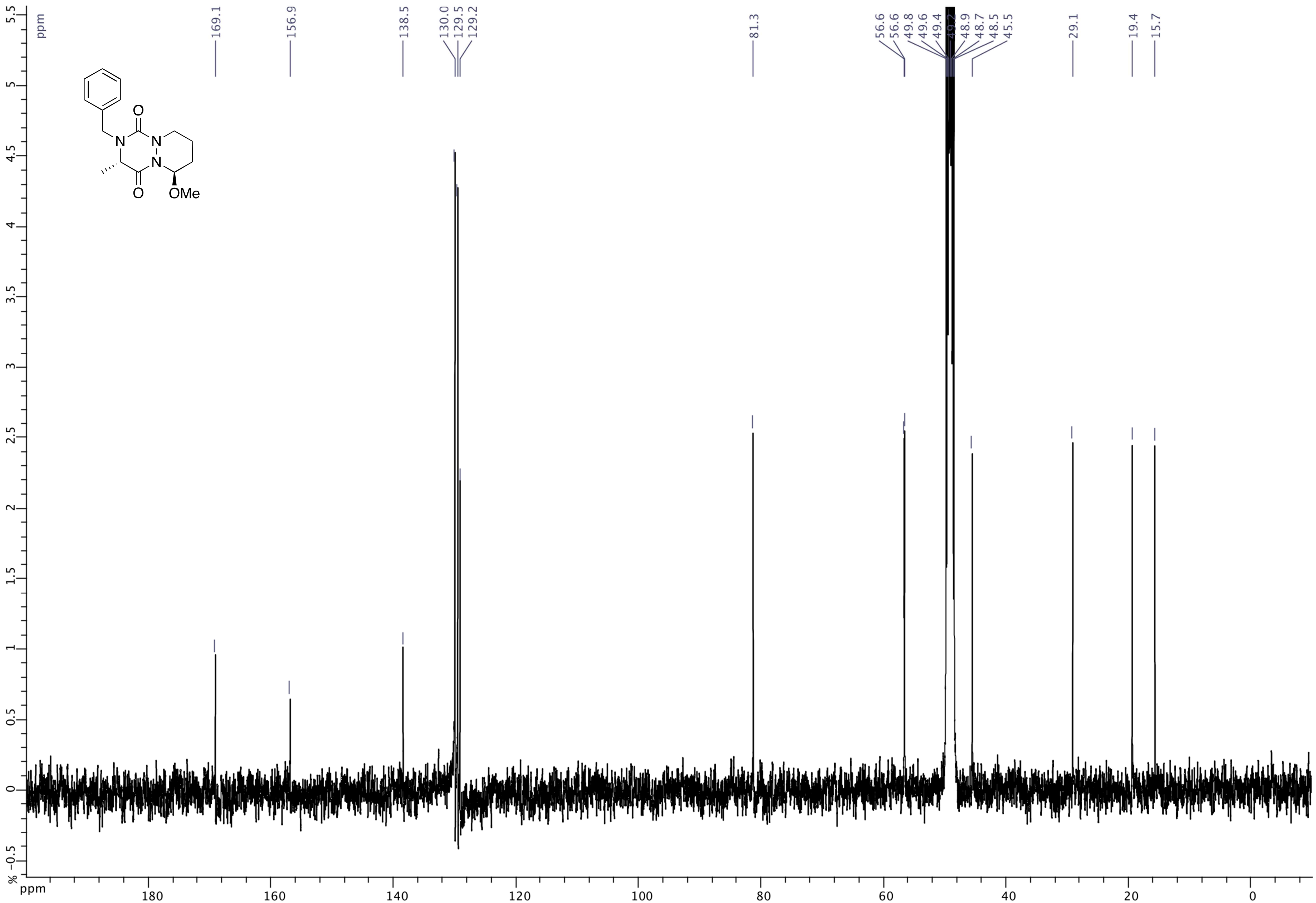
^{13}C **NMR** for **5m** (100 MHz, MeOD-d_4)



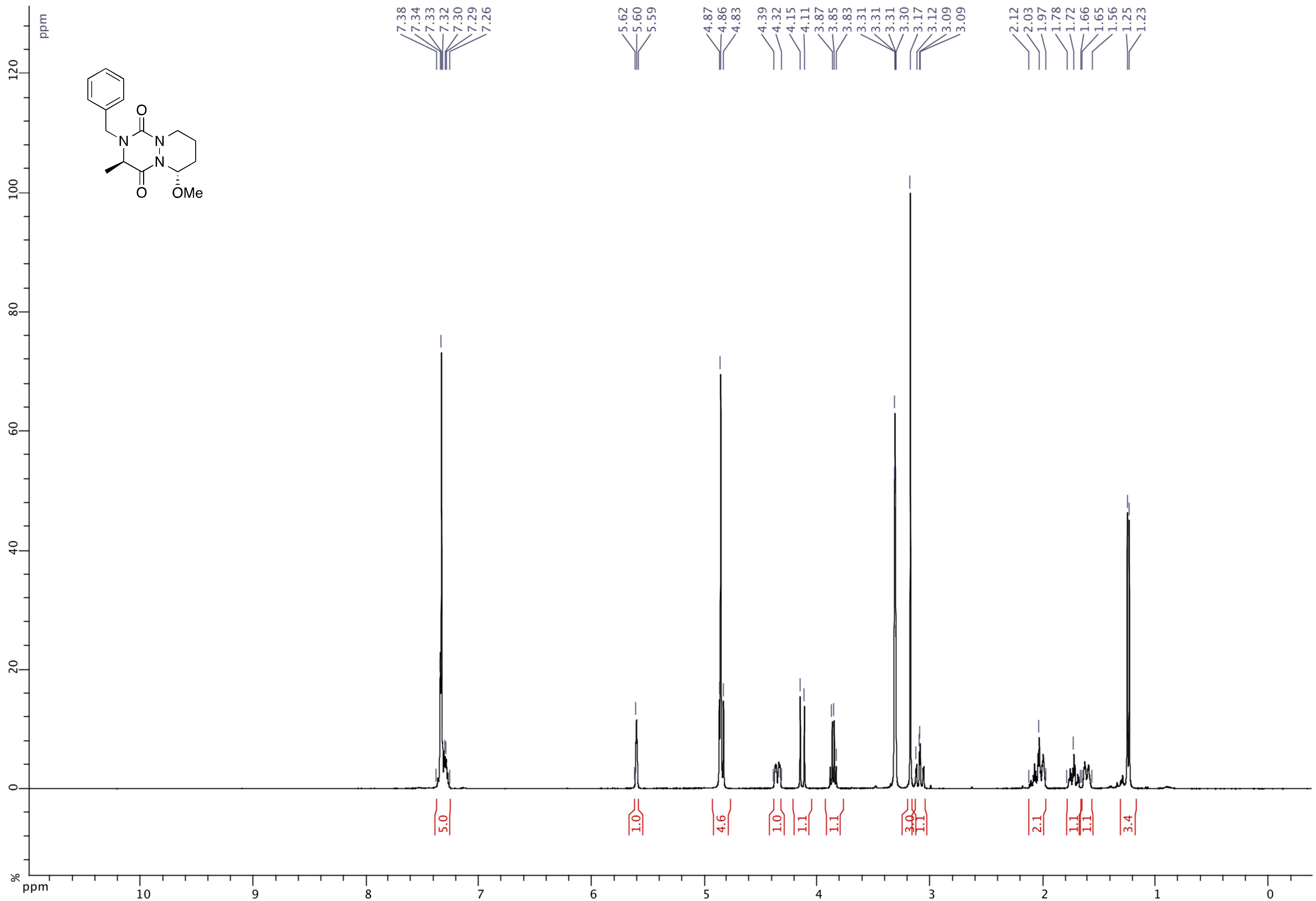
^{1}**H NMR** for **6a** (400 MHz, MeOD-d_4)



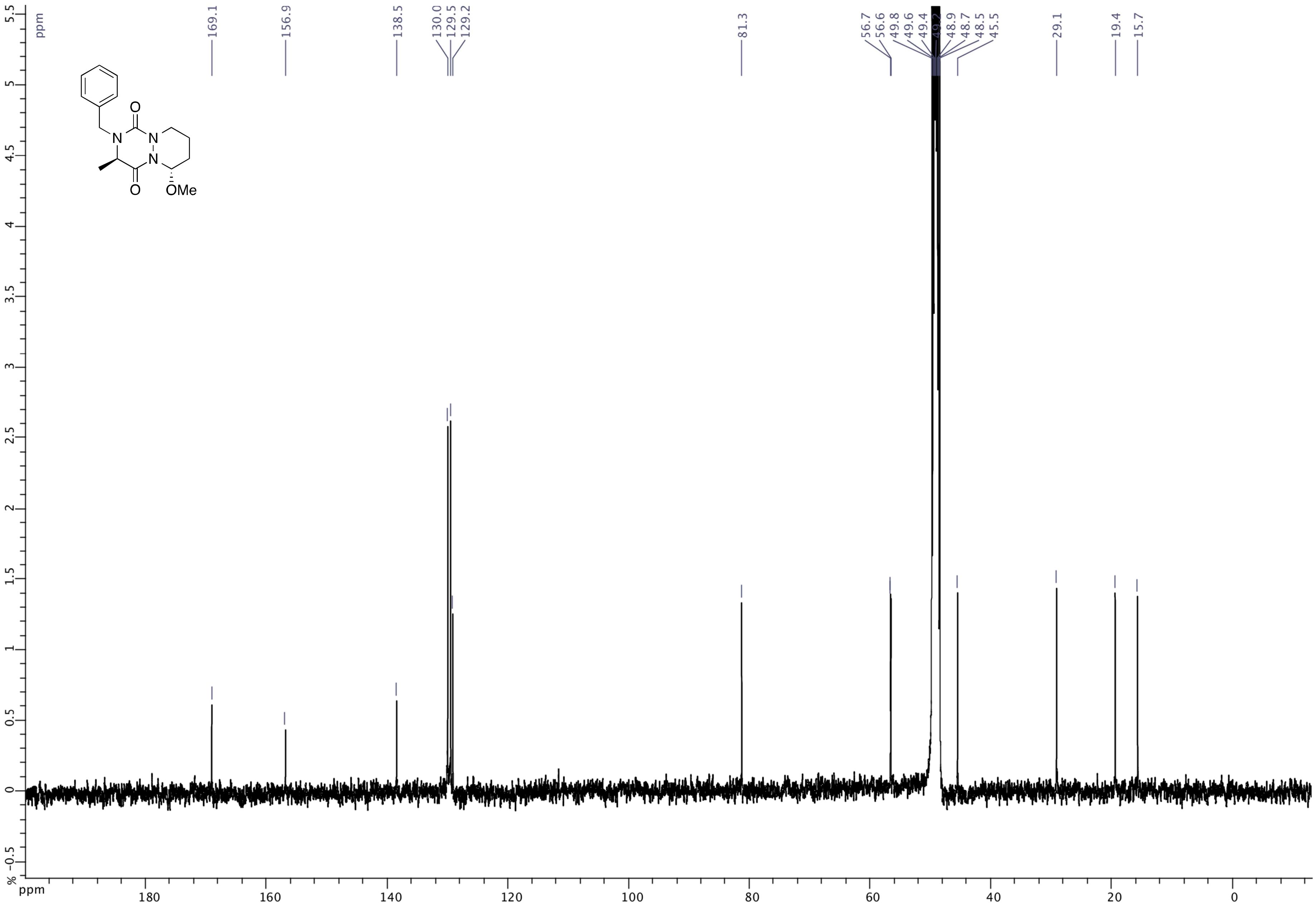
^{13}**C NMR** for **6a** (100 MHz, MeOD-d_4)



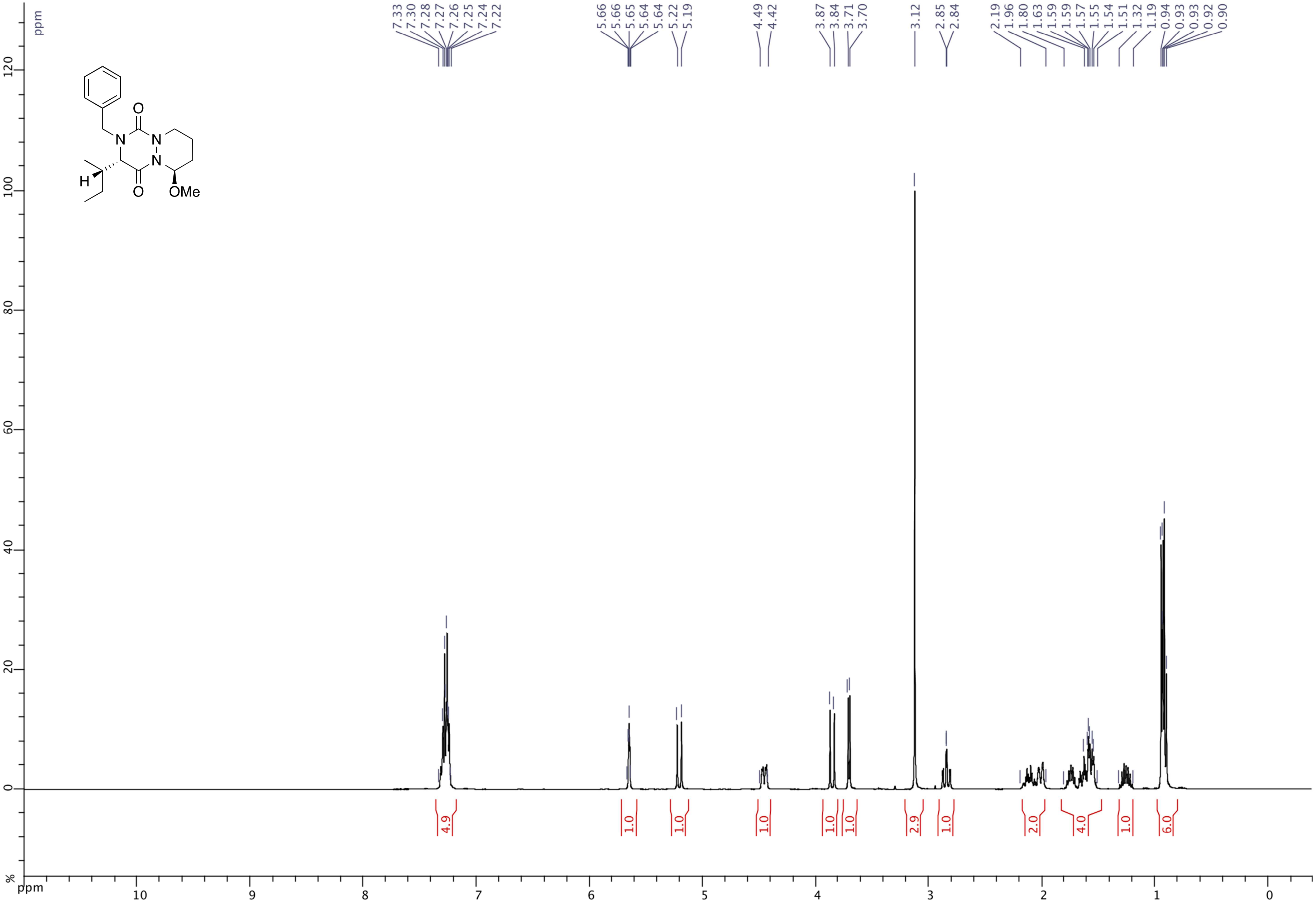
^{1}**H NMR** for **6b** (400 MHz, MeOD-d_4)



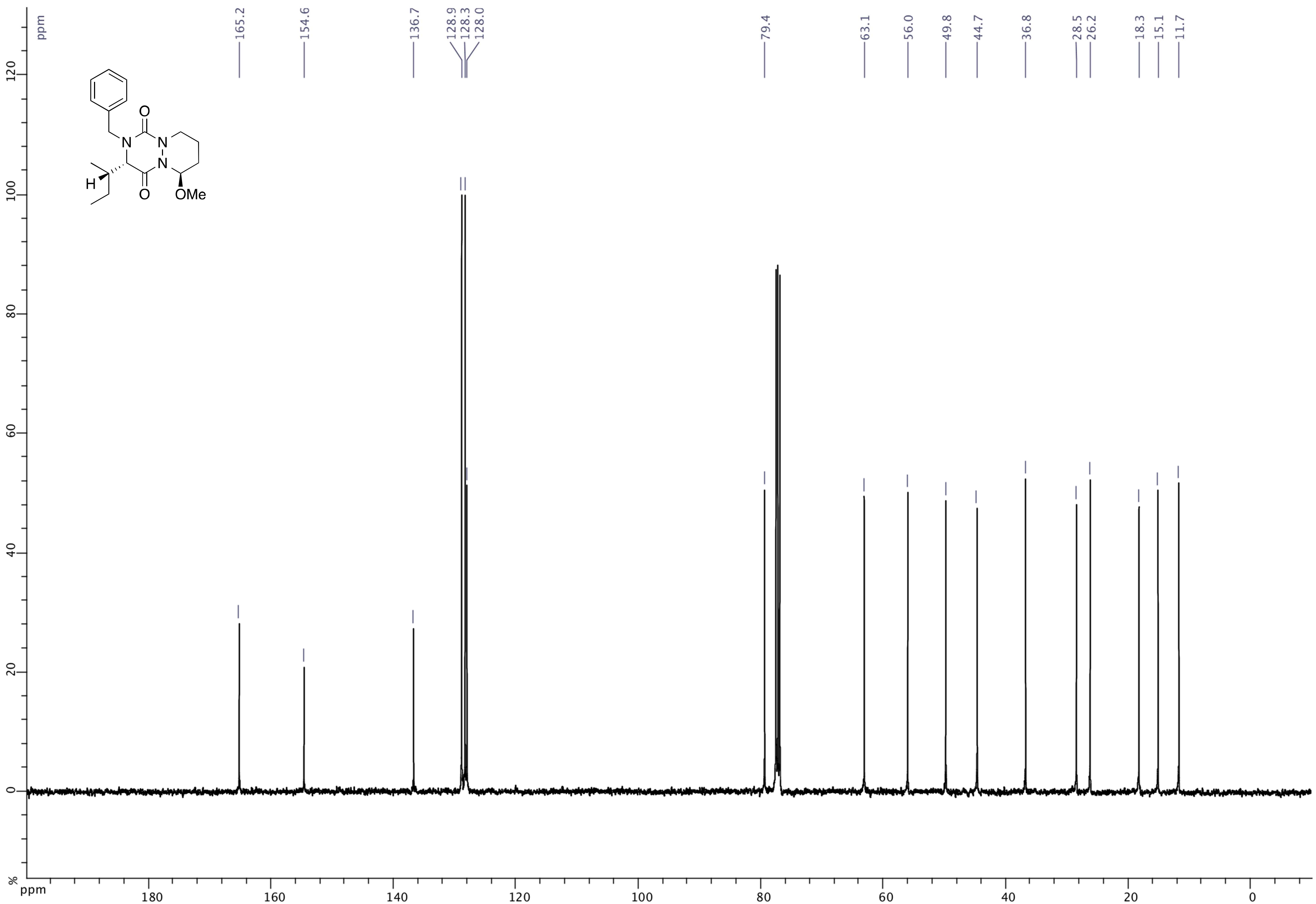
^{1}H NMR for **6b** (400 MHz, MeOD-d_4)



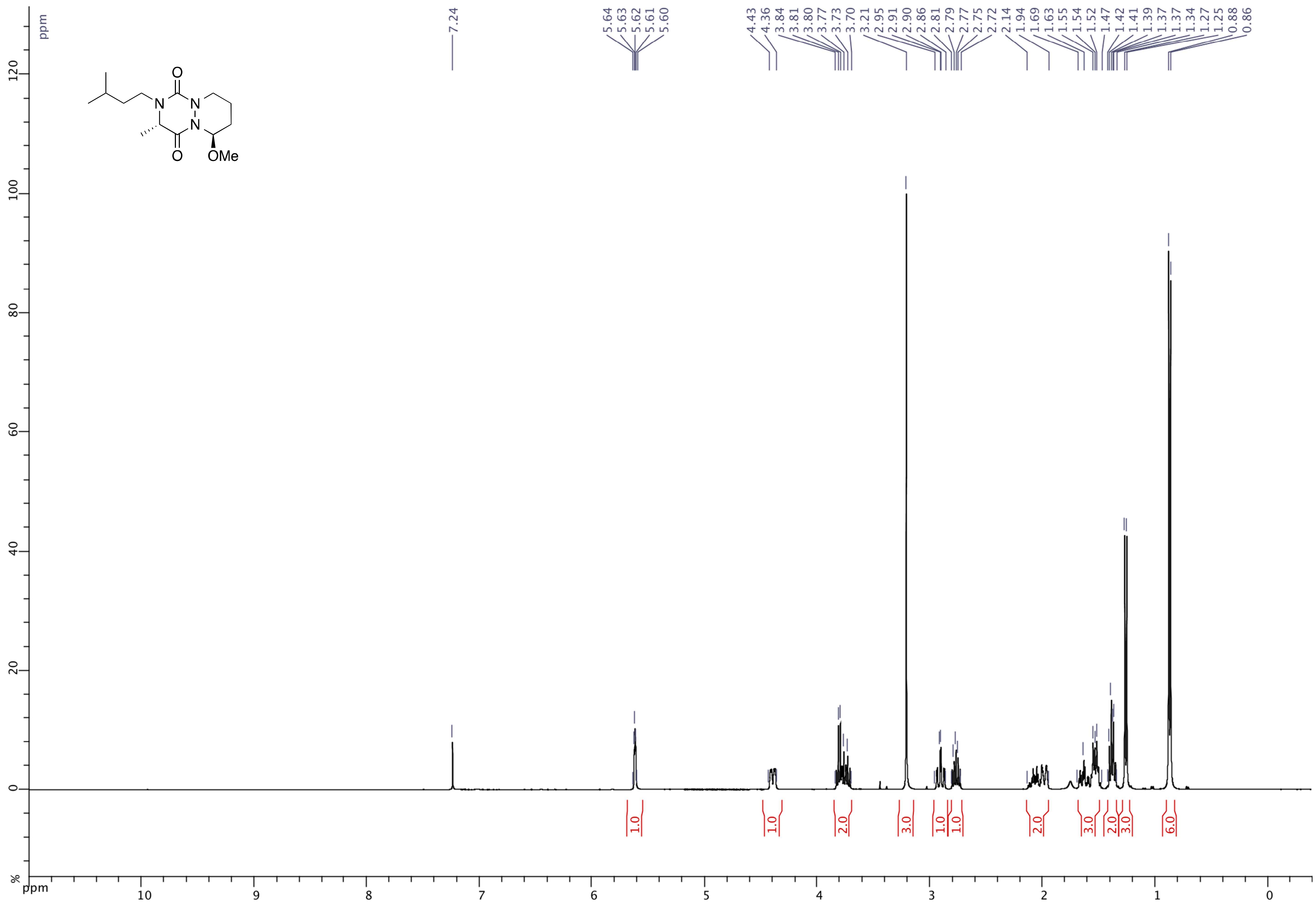
^{1}H NMR for **6c** (400 MHz, $CDCl_3$)



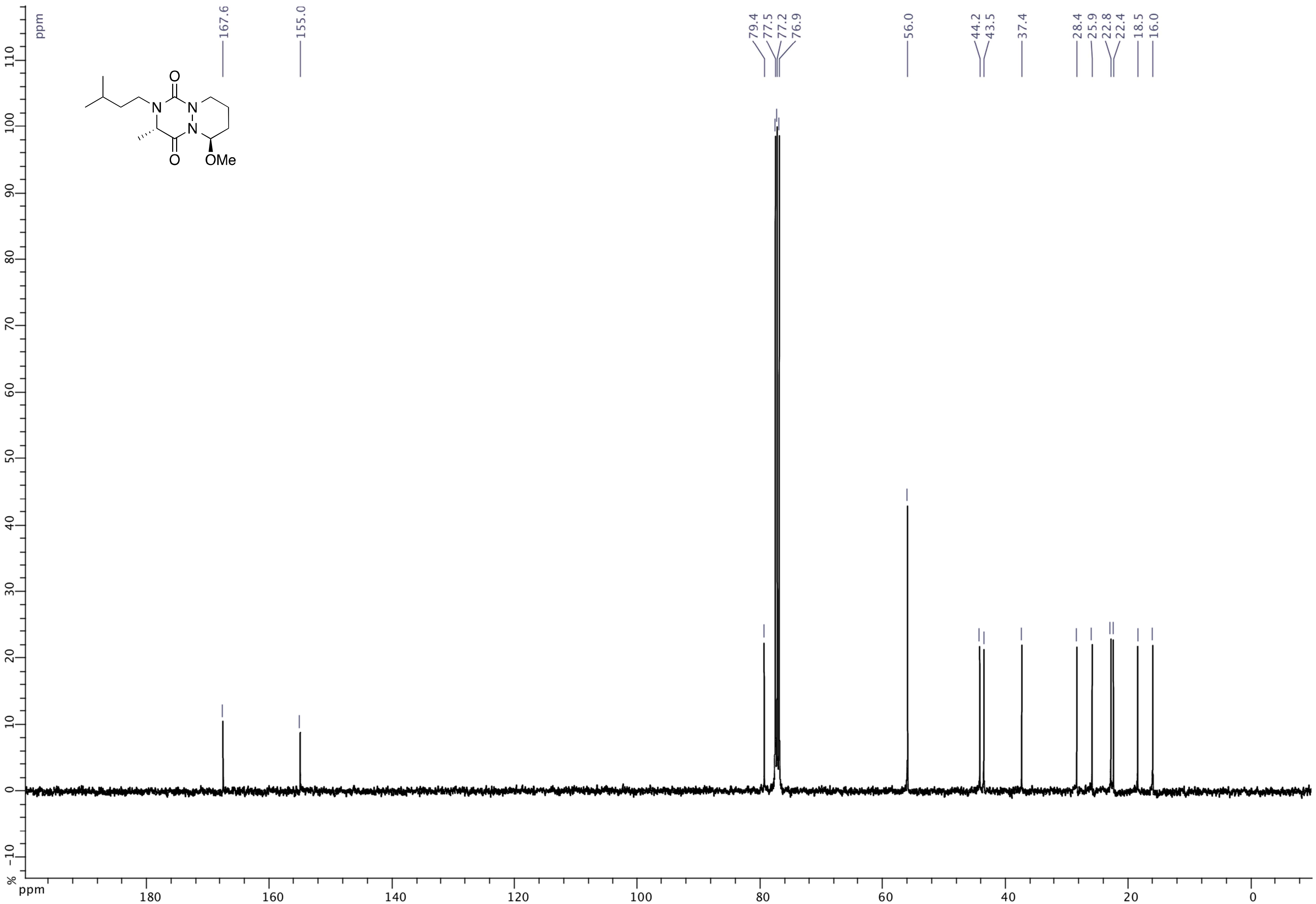
[13]C NMR for **6c** (100 MHz, CDCl3)



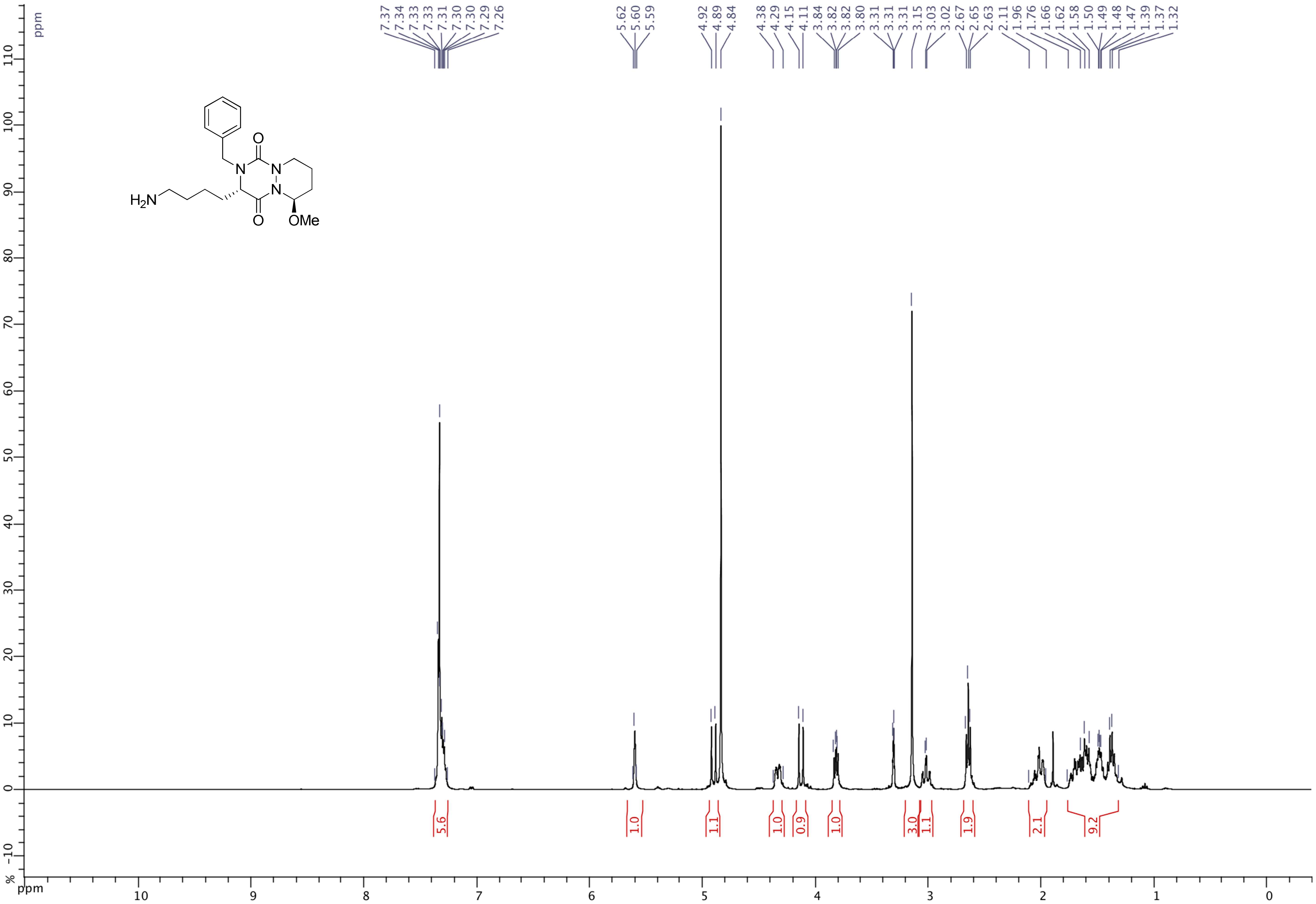
^{1}H NMR for **6d** (400 MHz, $CDCl_3$)



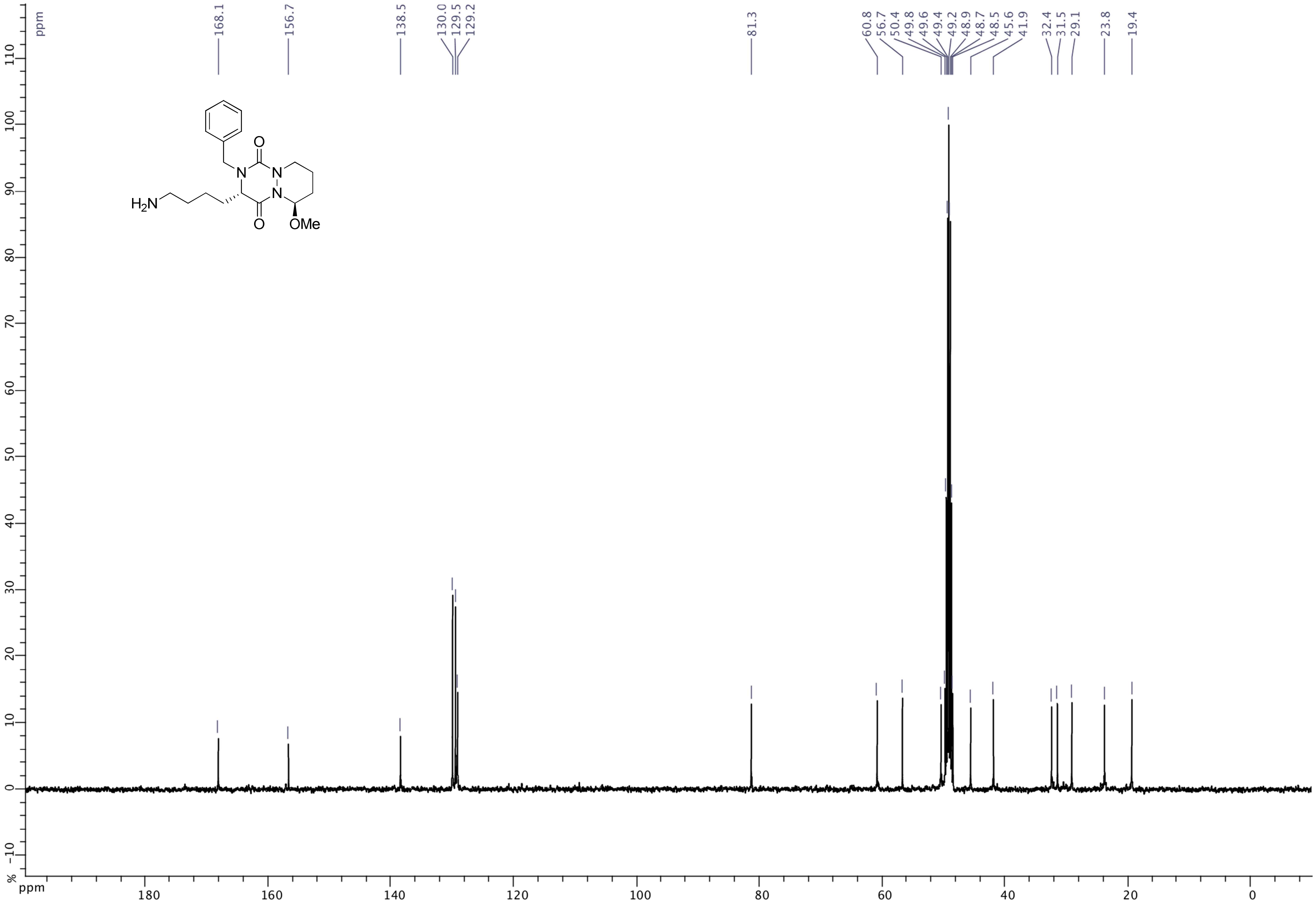
^{13}C NMR for **6d** (100 MHz, $CDCl_3$)



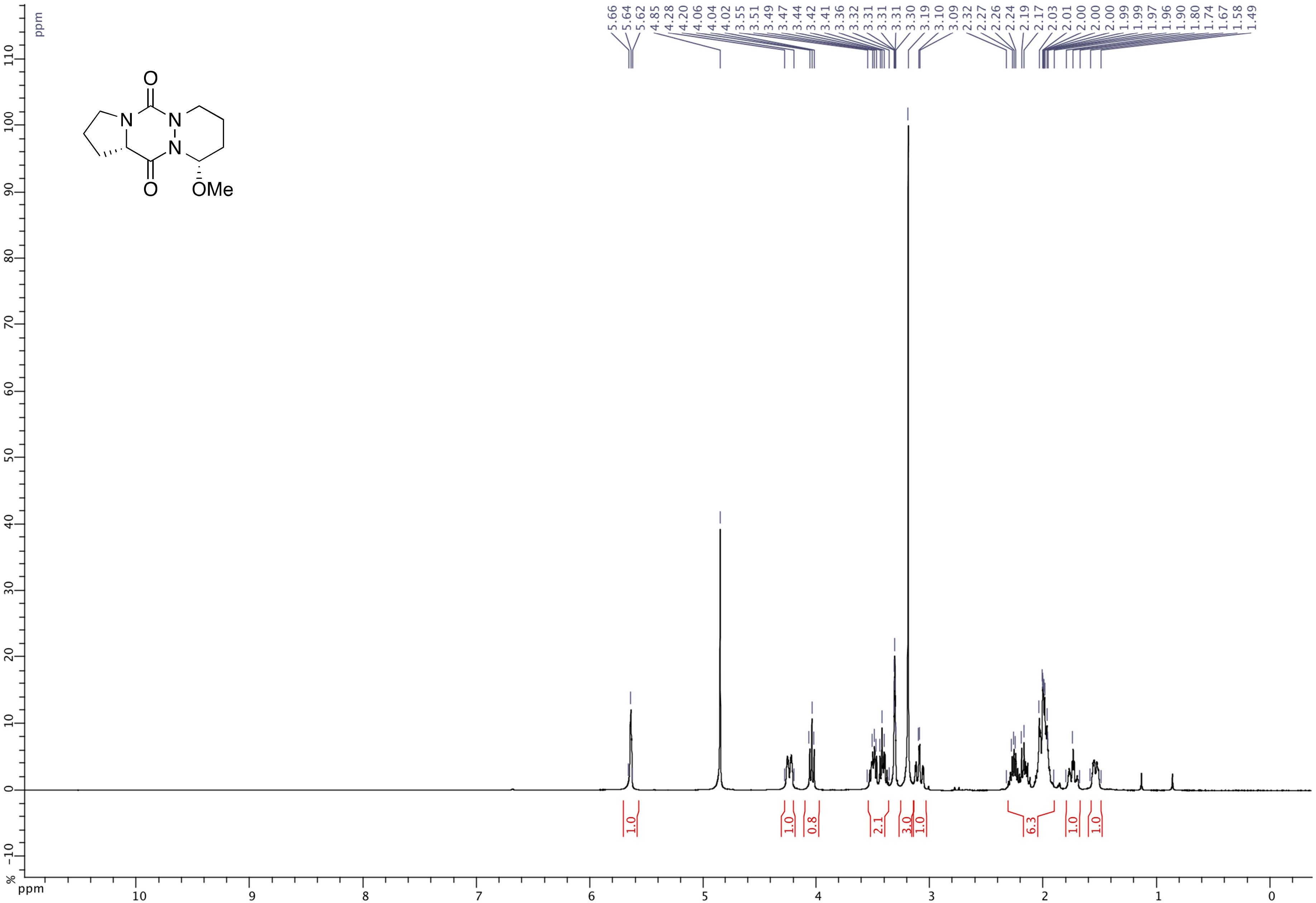
^{1}H NMR for **6f** (400 MHz, MeOD-d_4)



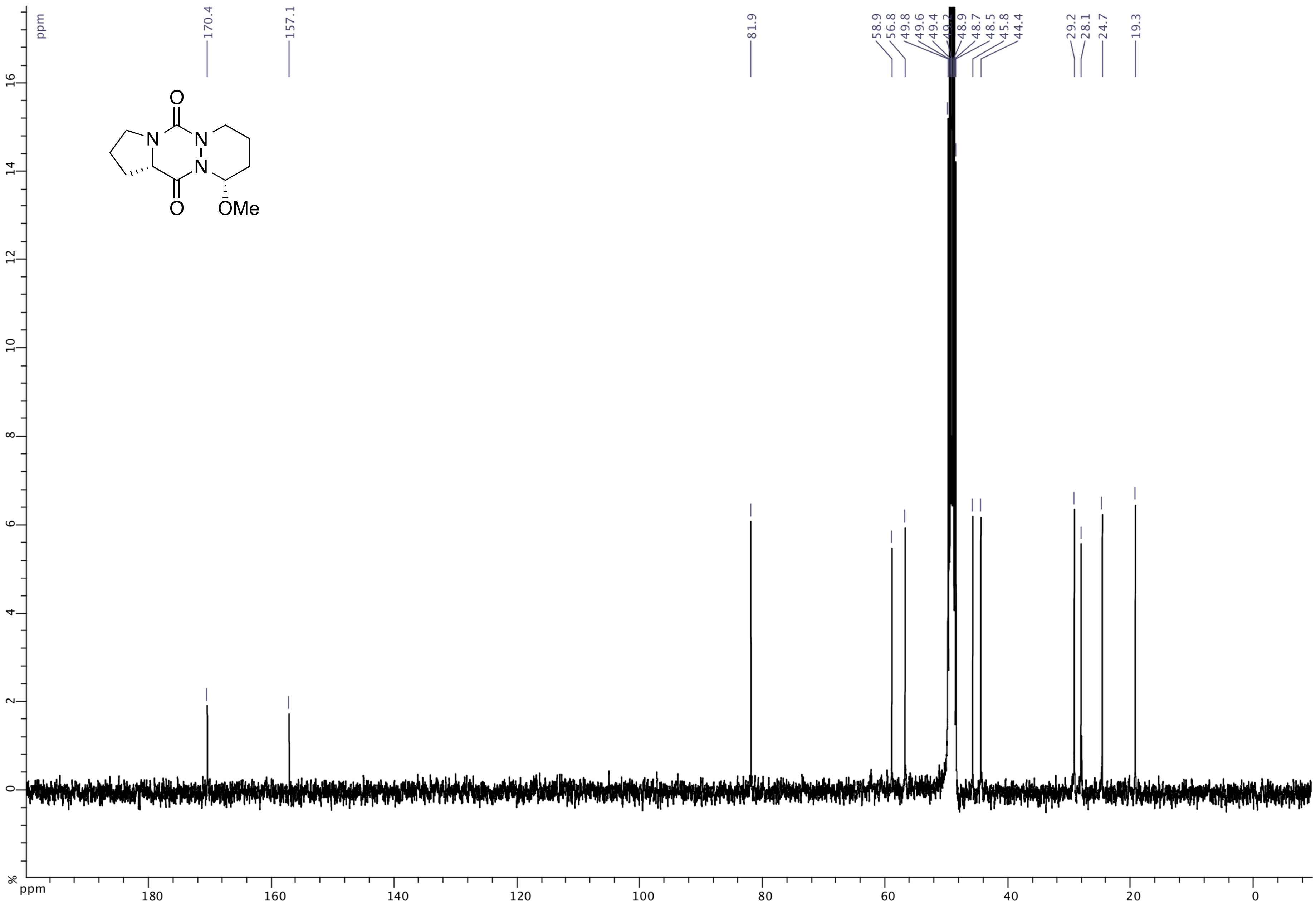
^{13}C NMR for **6f** (100 MHz, MeOD-d_4)



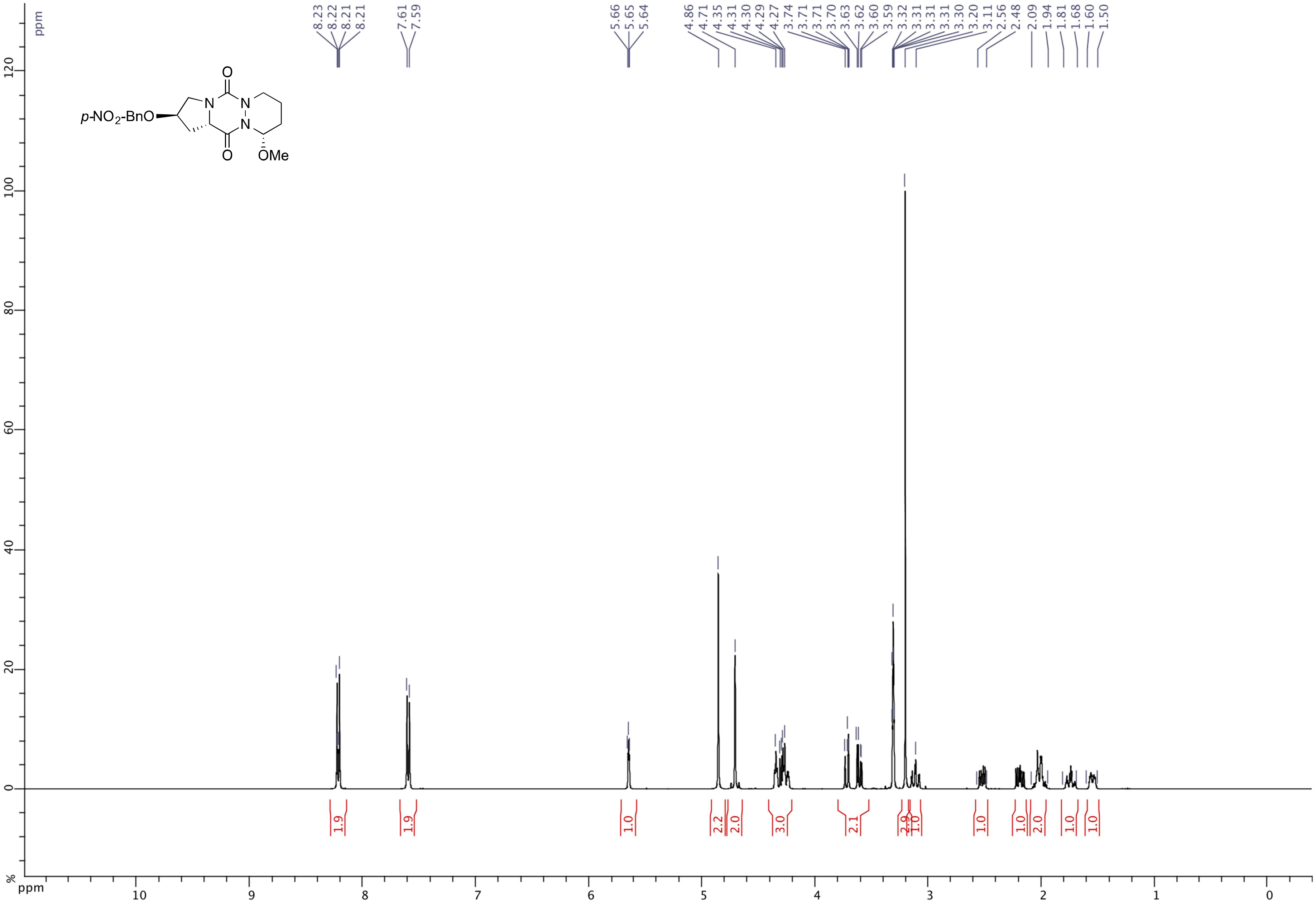
^{1}**H NMR** for **6h** (400 MHz, MeOD-d_4)



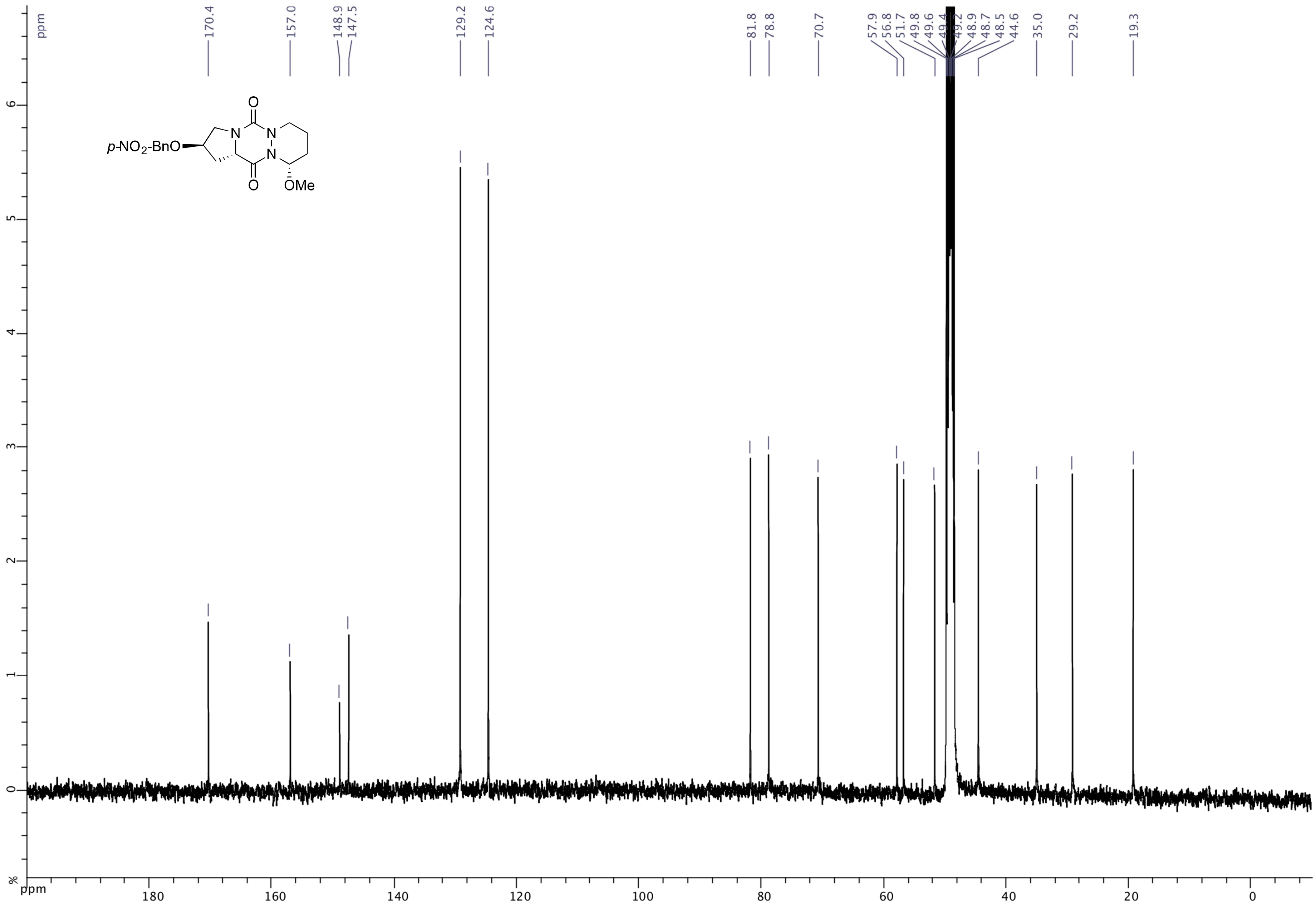
^{13}**C NMR** for **6h** (100 MHz, MeOD-d_4)



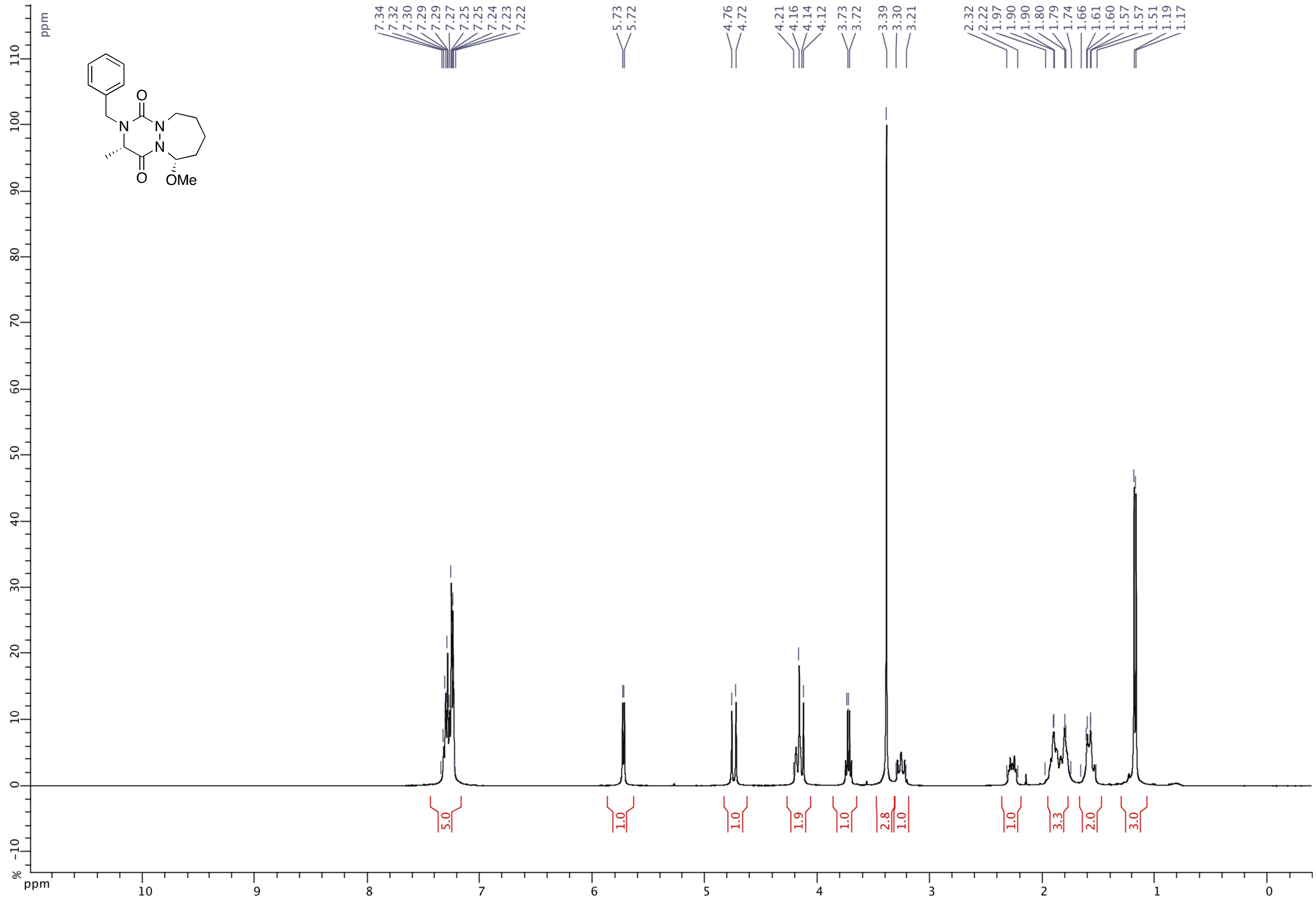
[1]H NMR for 6j (400 MHz, MeOD-d_4)



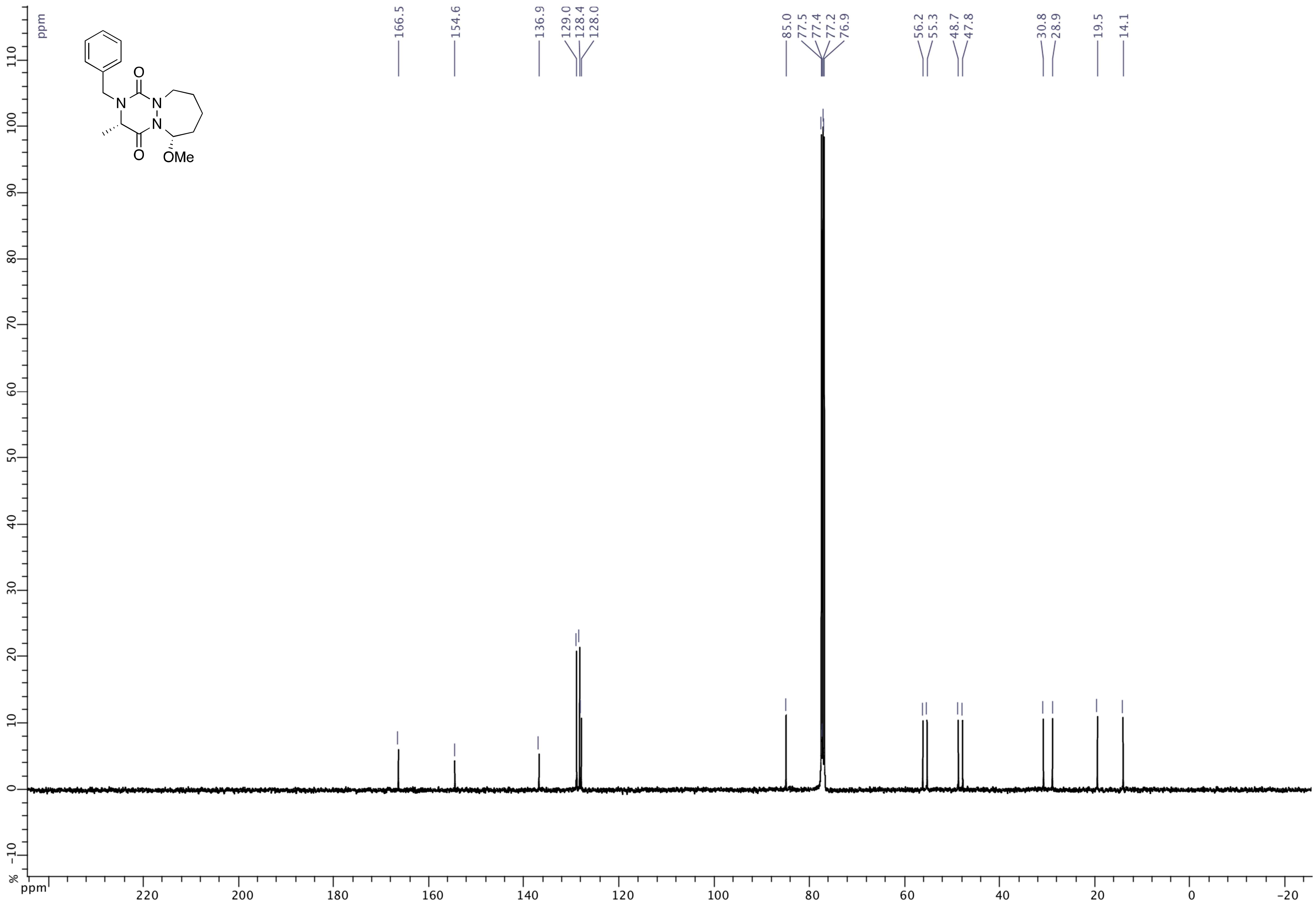
^{13}**C NMR** for **6j** (100 MHz, MeOD-d_4)



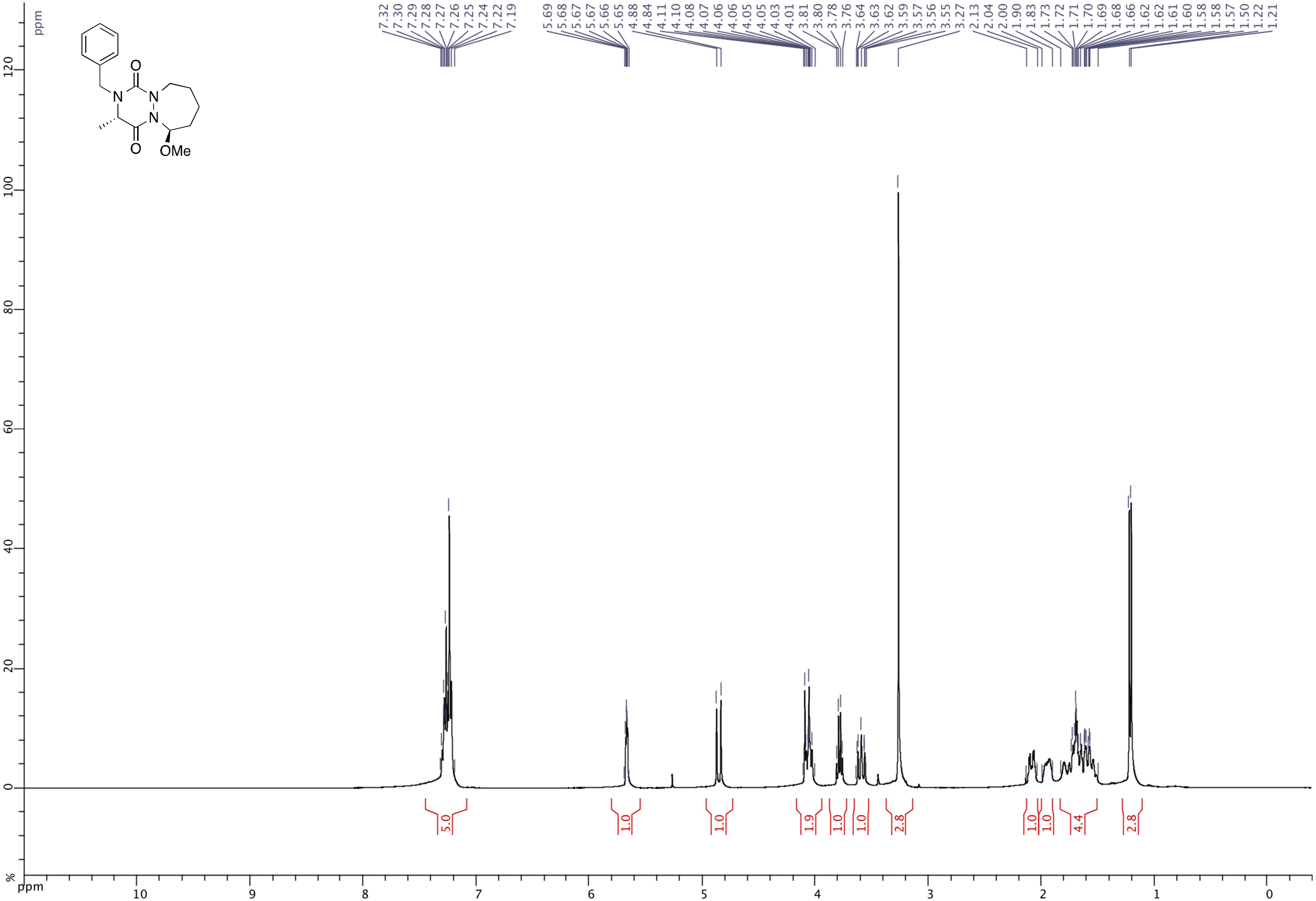
^{1}H NMR for **6k** – Major isomer (3S, 6S) - (400 MHz, $CDCl_3$)



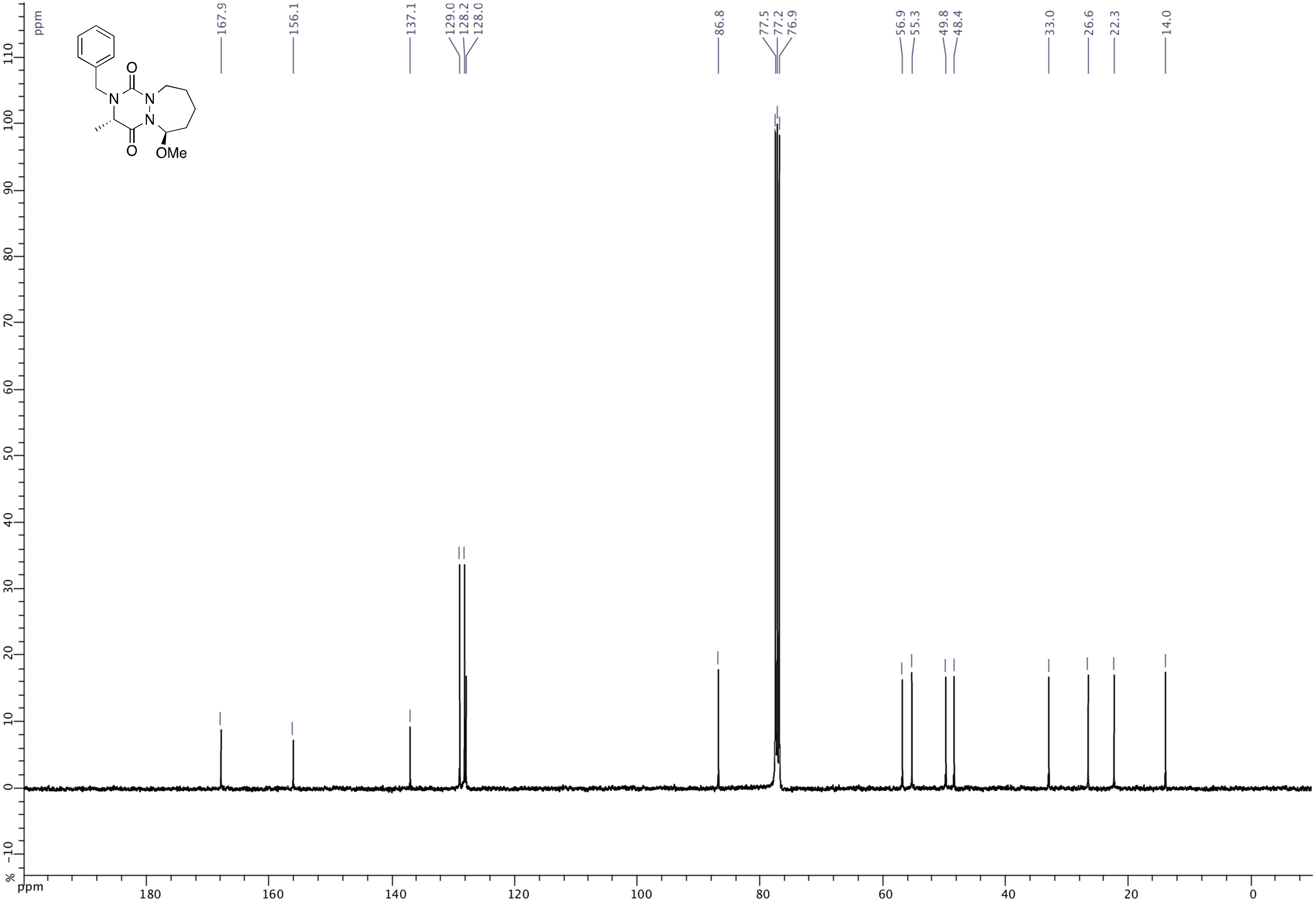
^{13}C NMR for **6k** – Major isomer (3S, 6S) - (400 MHz, $CDCl_3$)



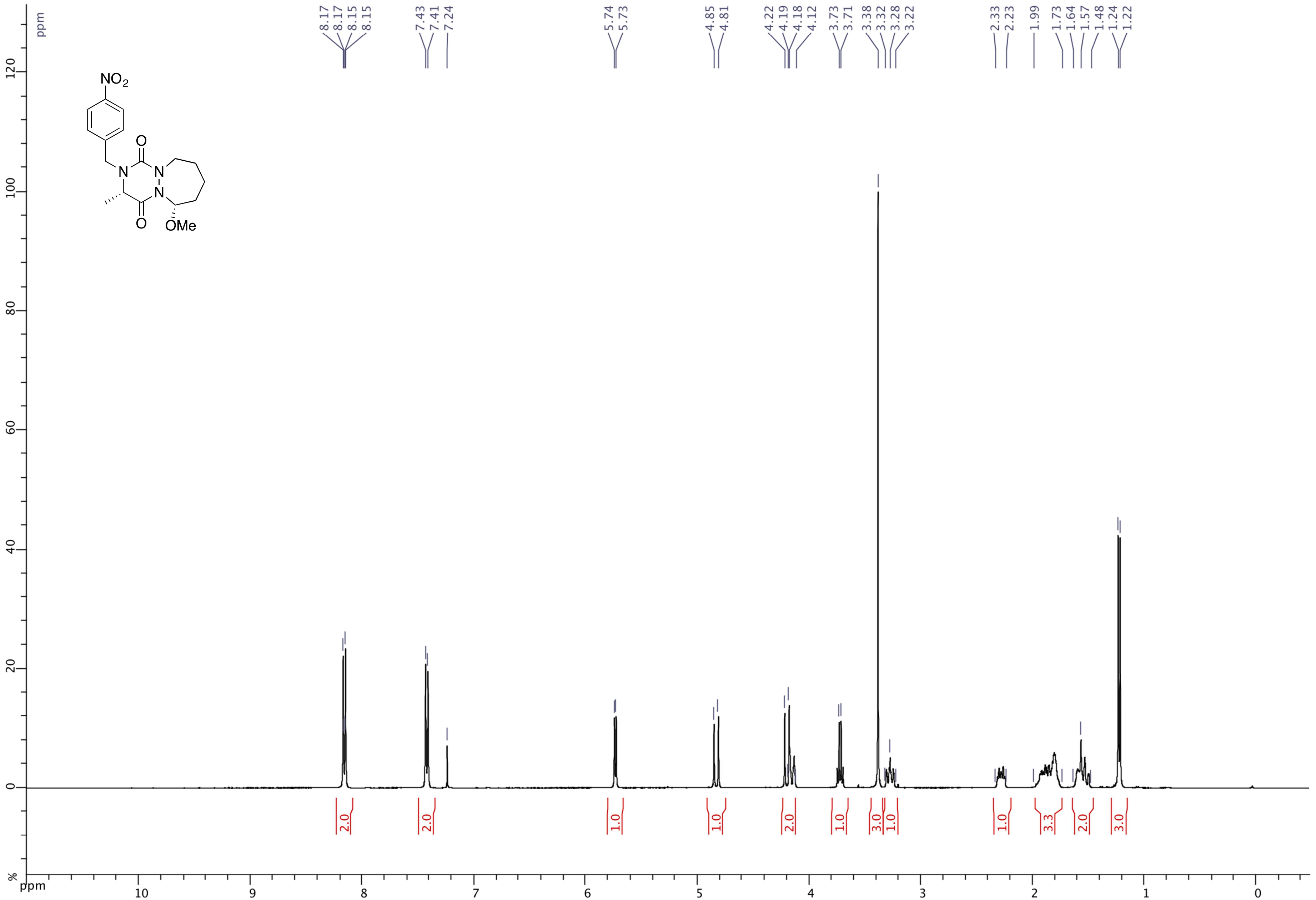
^{1}H NMR for **6k** – Minor isomer (3S, 6R) - (400 MHz, $CDCl_3$)



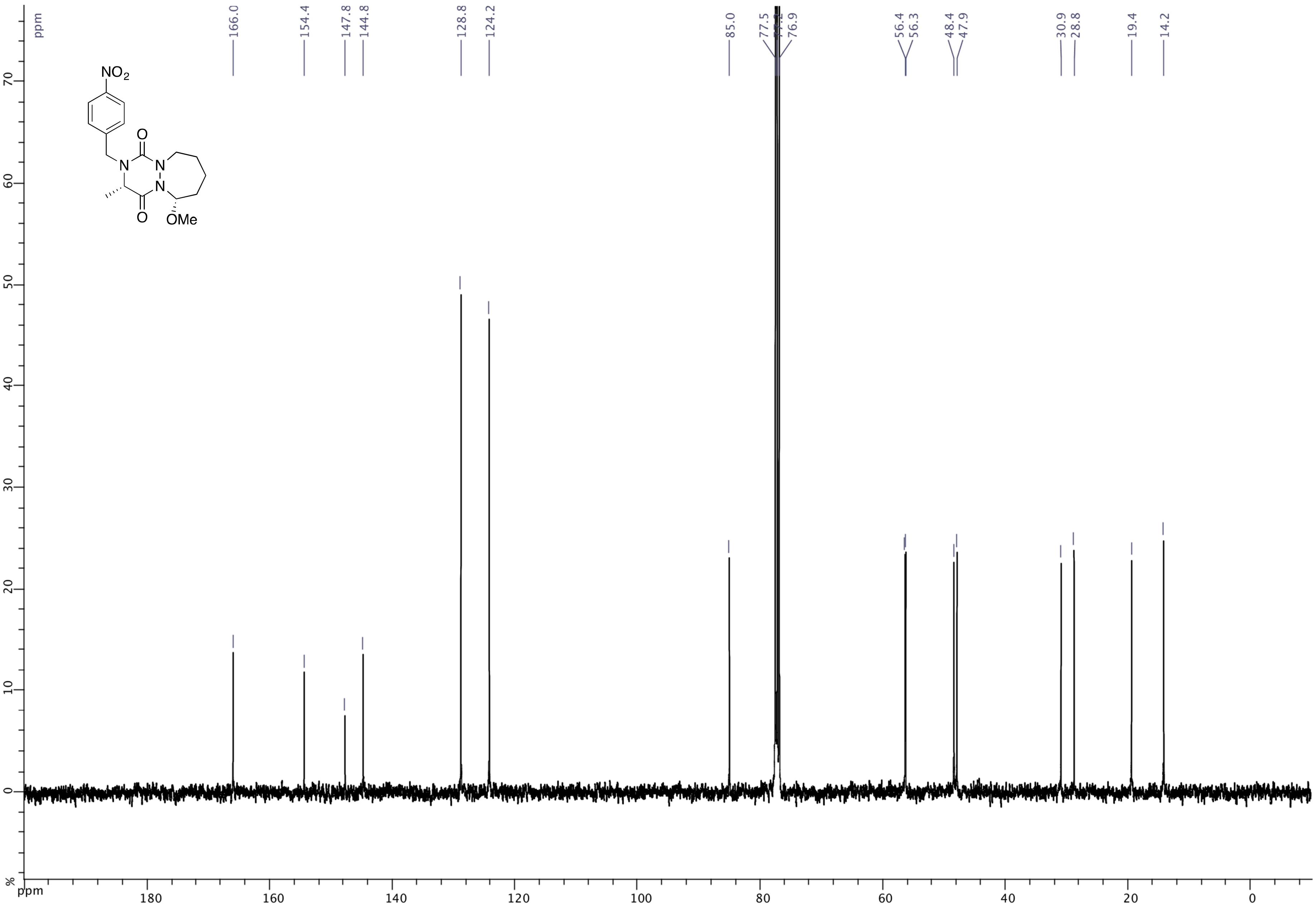
^{13}**C NMR** for **6k** – Minor isomer (3S, 6R) - (400 MHz, $CDCl_3$)



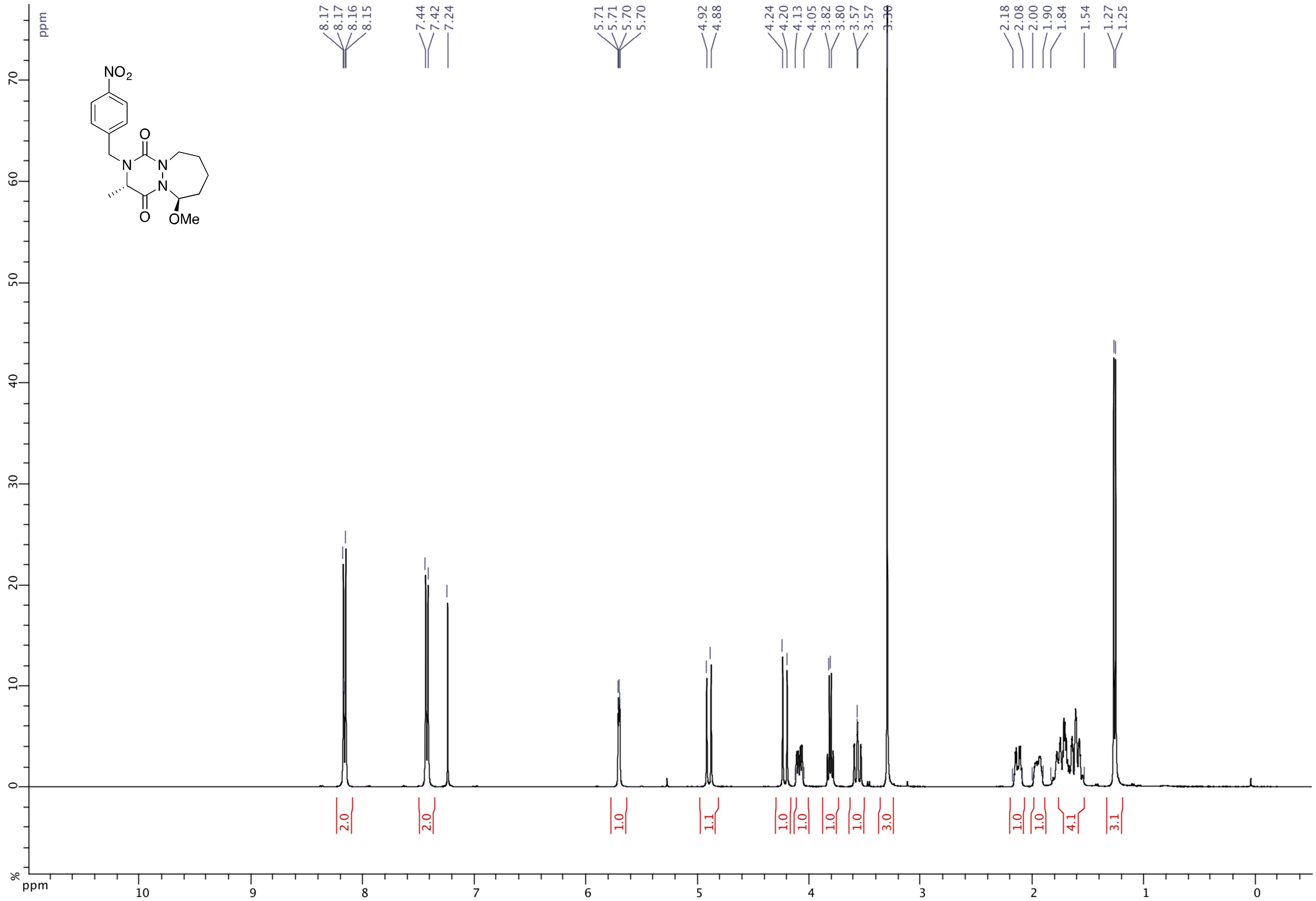
[1]**H NMR** for **6l** – Major isomer (3S, 6S) - (400 MHz, $CDCl_3$)



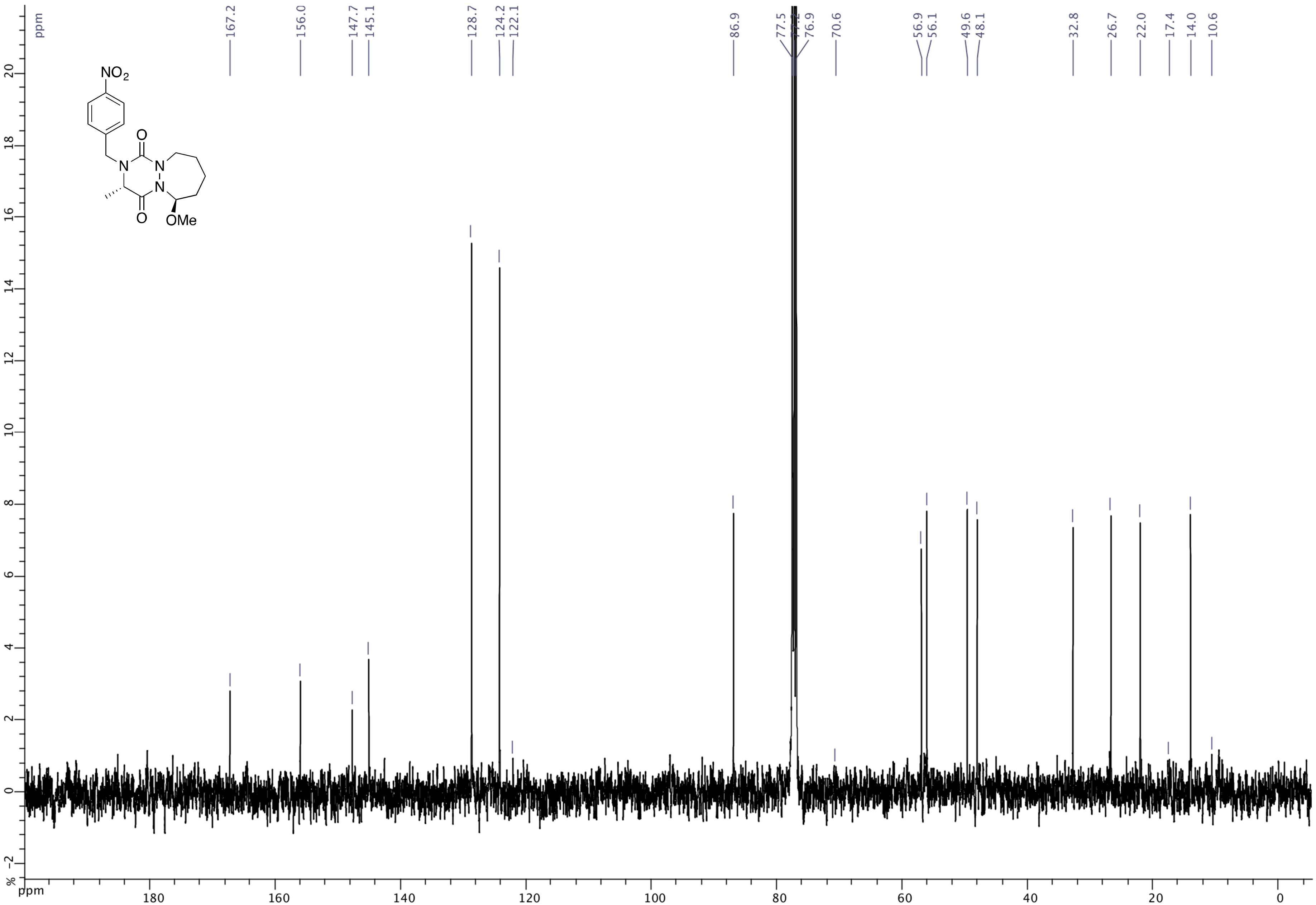
^{13}C NMR for **6l** – Major isomer (3S, 6S) - (100 MHz, $CDCl_3$)



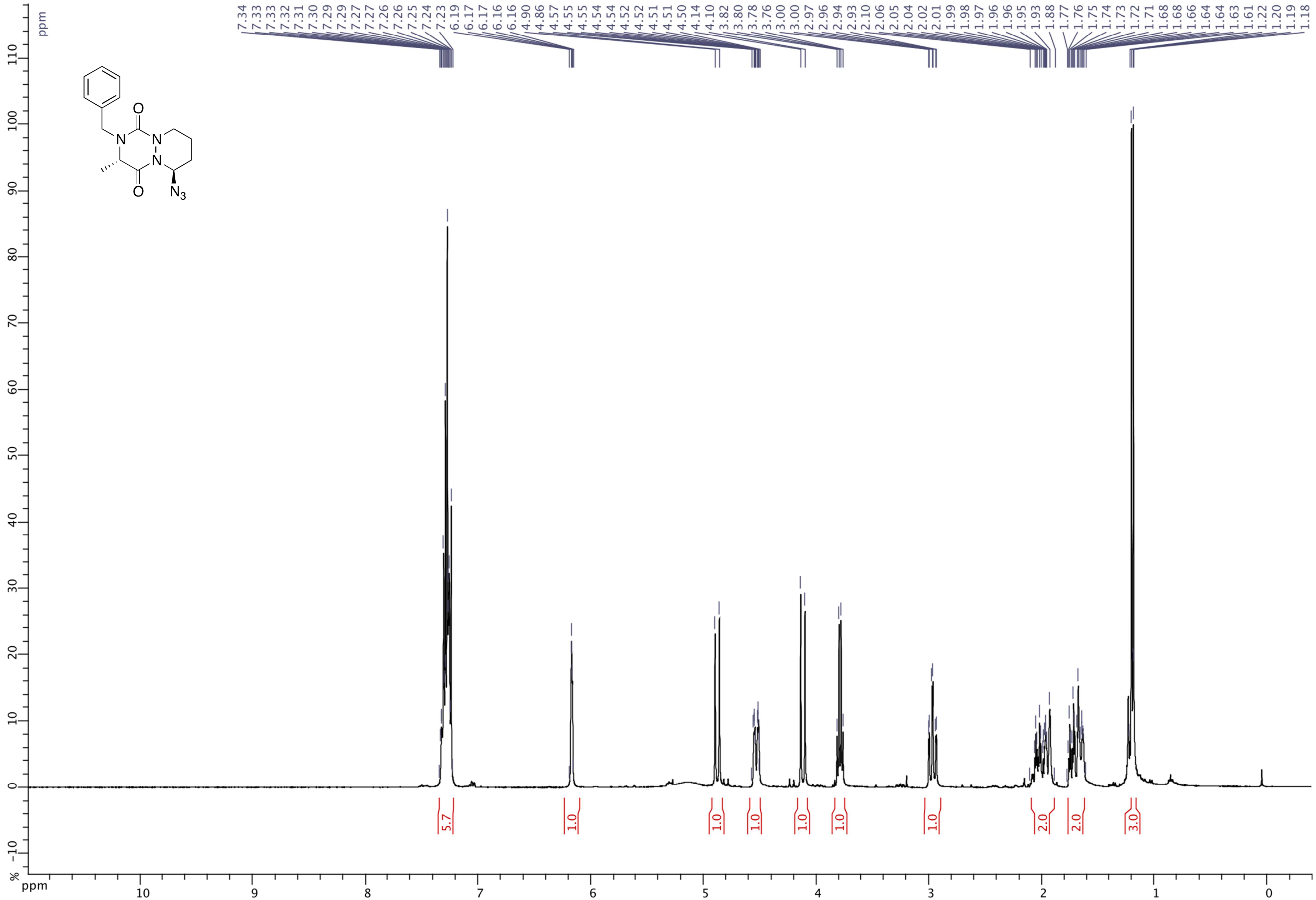
[1]**H NMR** for **6l** – Minor isomer (3S, 6R) - (400 MHz, $CDCl_3$)



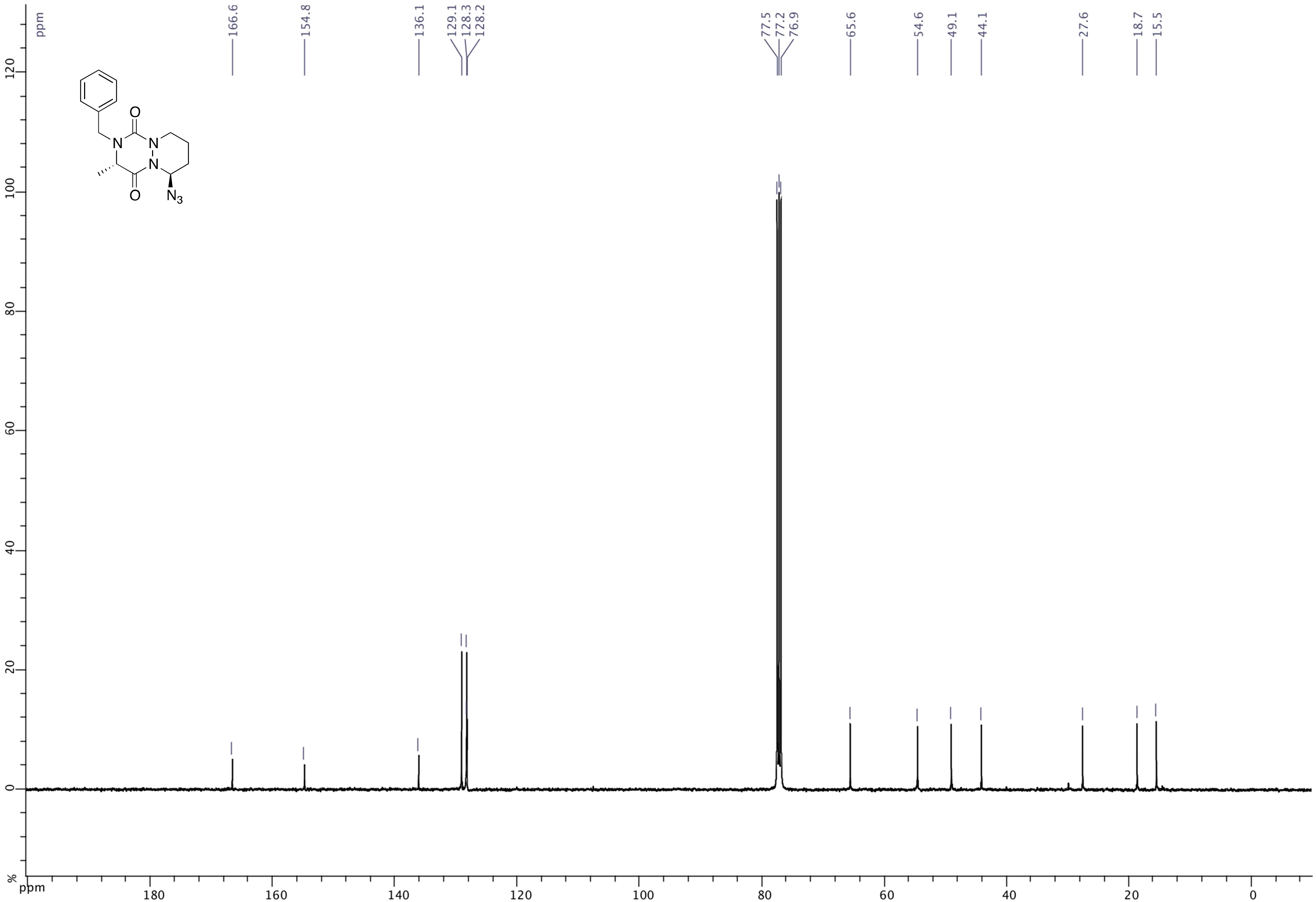
^{13}C NMR for **6l** – Minor isomer (3S, 6R) - (100 MHz, $CDCl_3$)



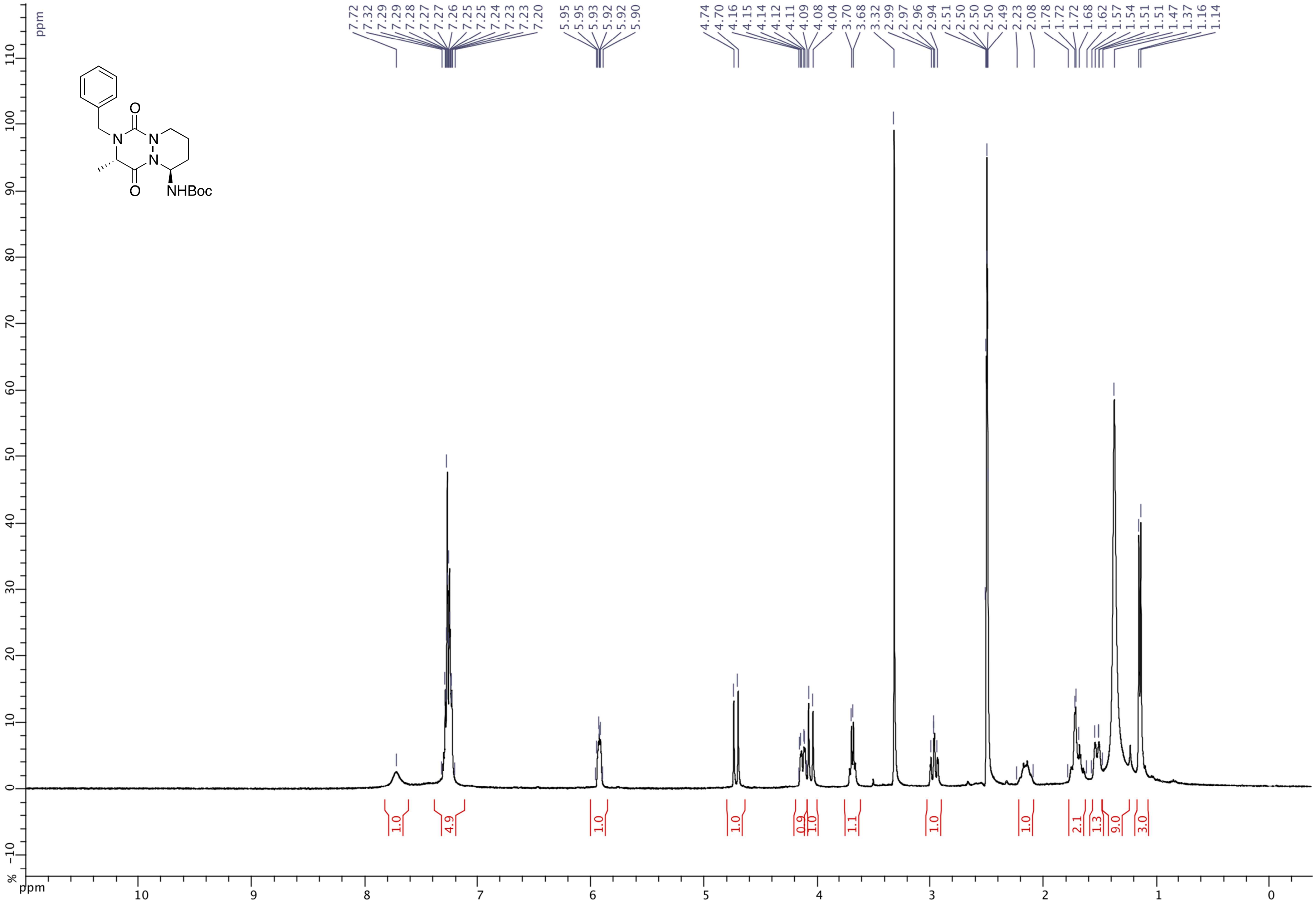
^{1}**H NMR** for **7** (400 MHz, $CDCl_3$)



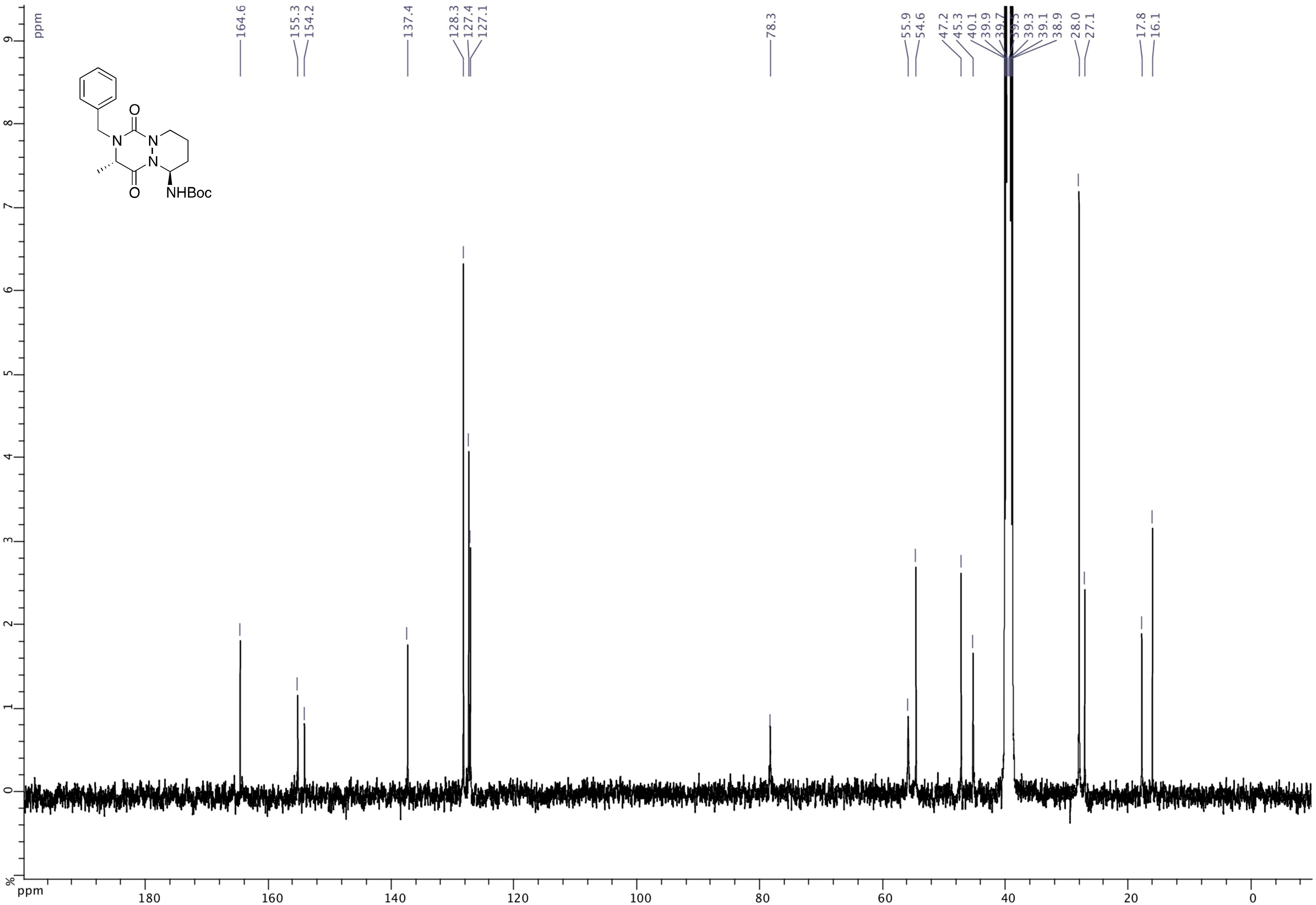
^{13}**C NMR** for **7** (100 MHz, $CDCl_3$)



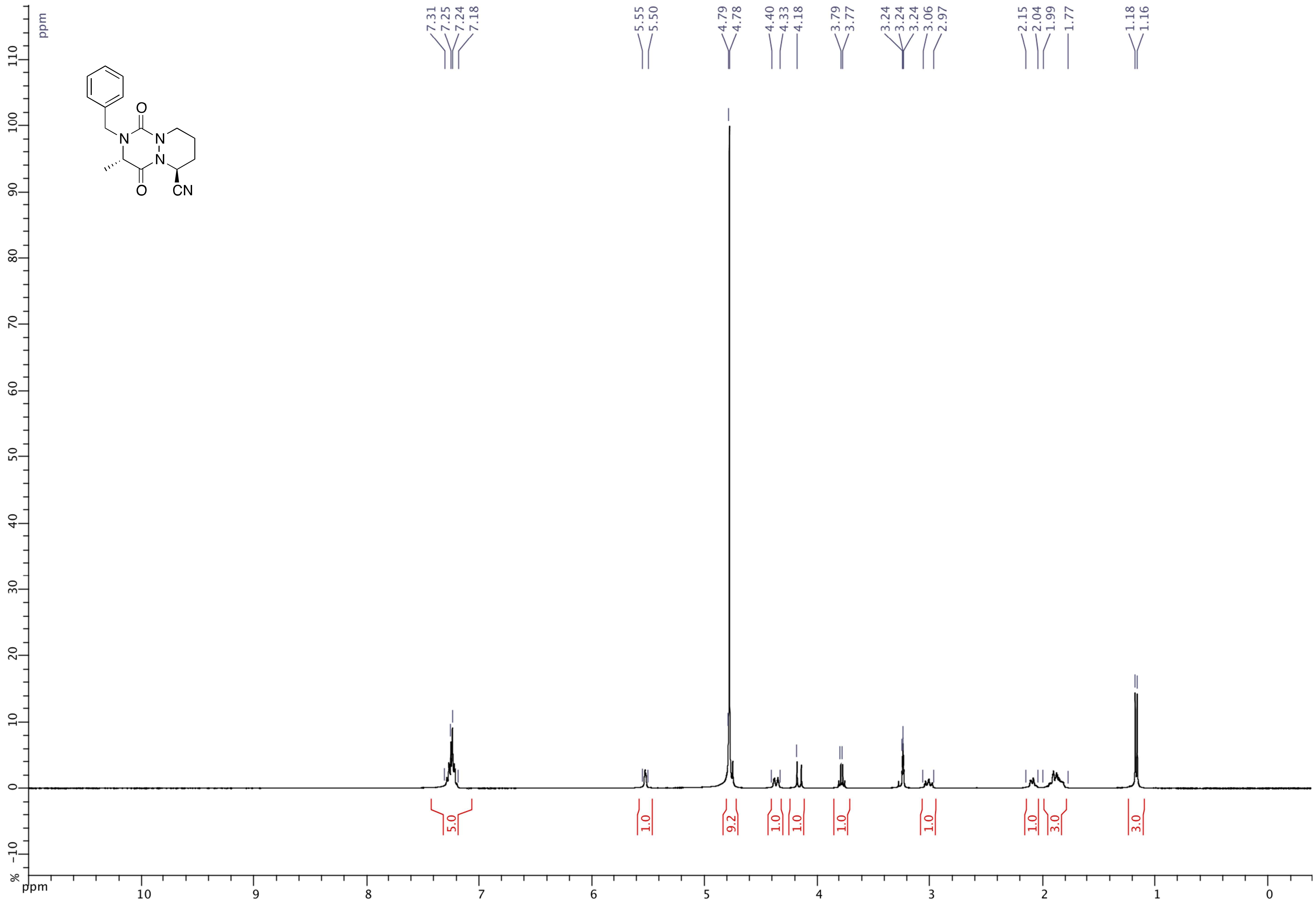
^{1}H NMR for **8** (400 MHz, DMSO-d_6)



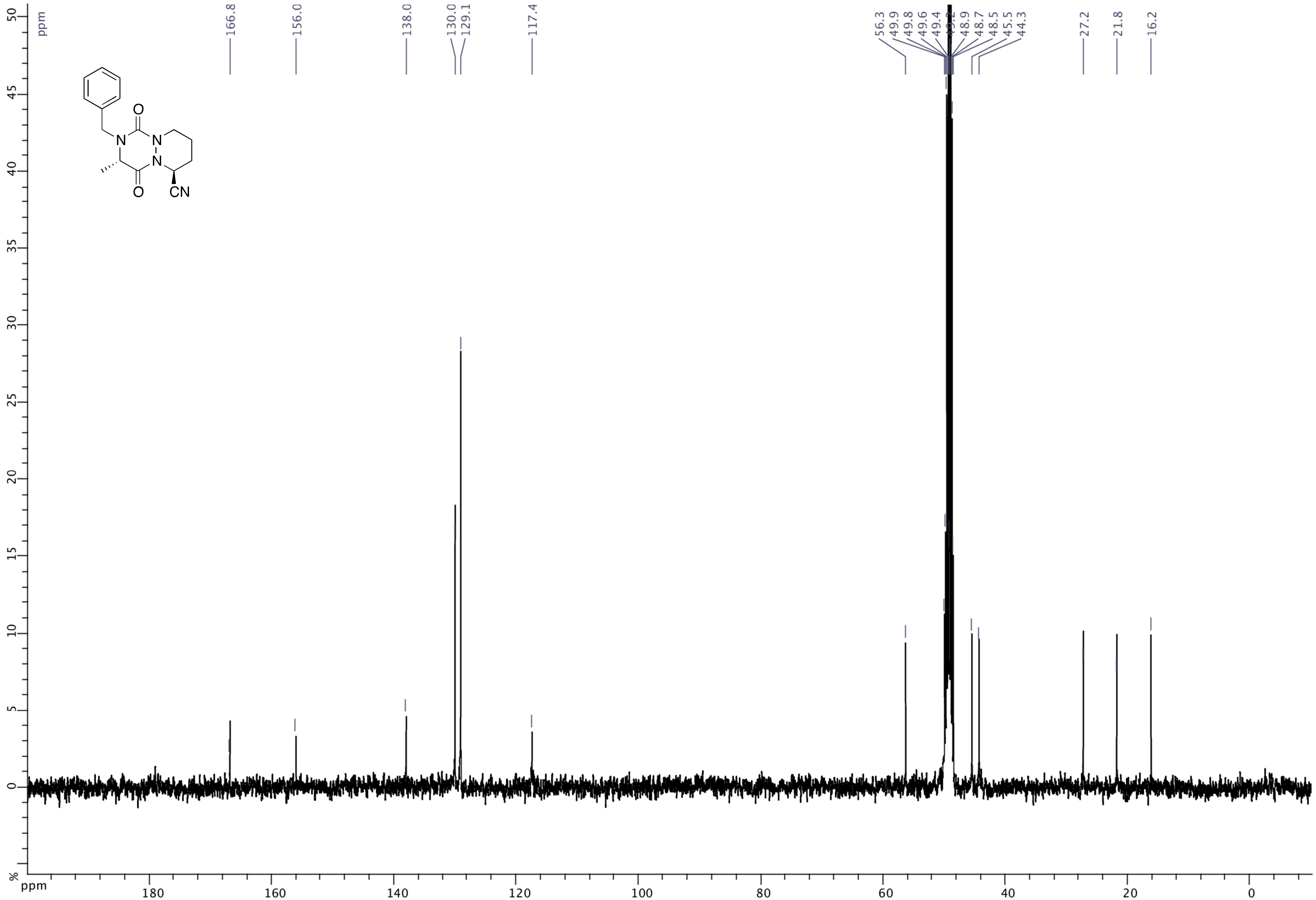
^{13}**C NMR** for **8** (100 MHz, DMSO-d_6)



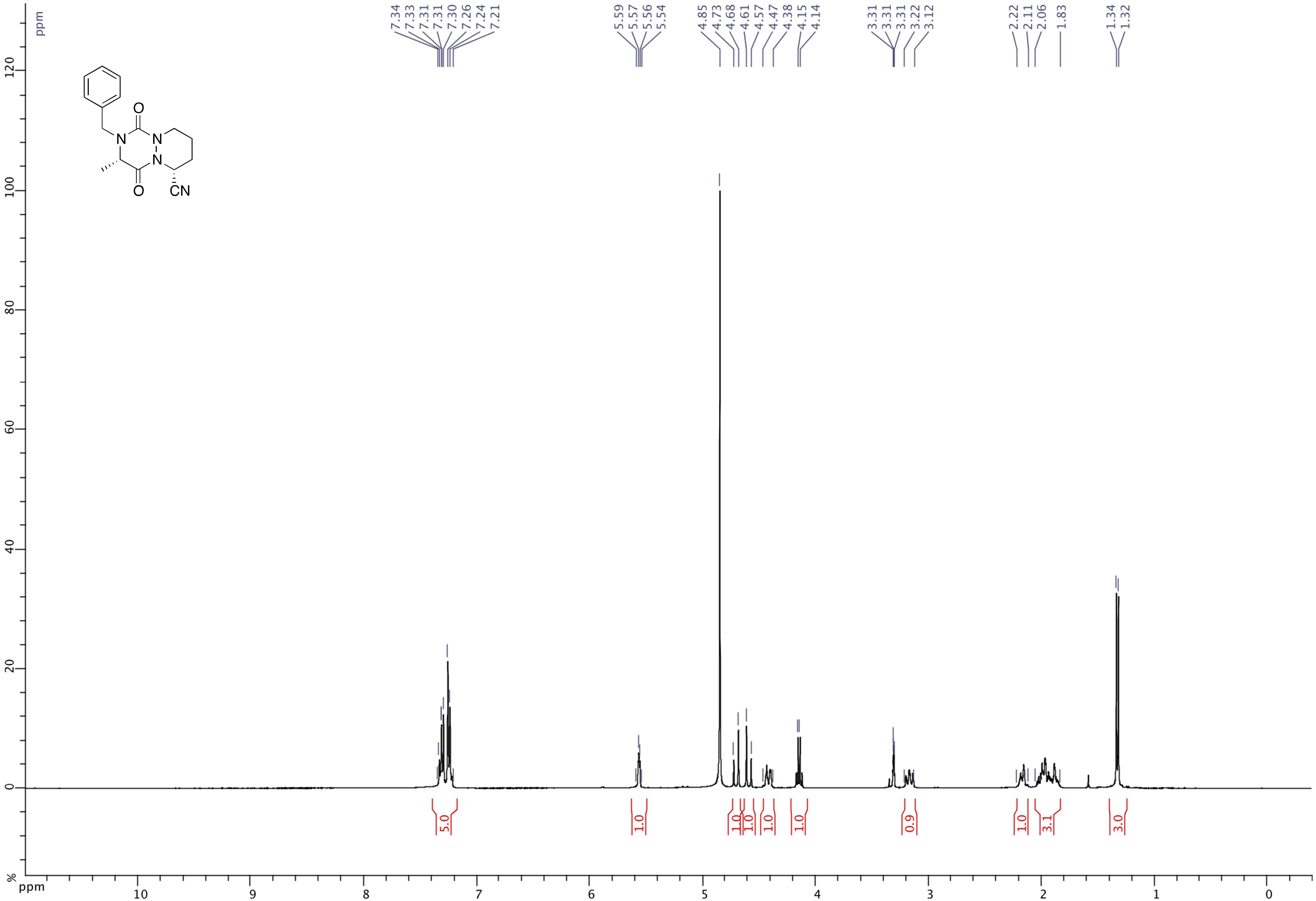
^{1}**H NMR** for **9t** (400 MHz, MeOD-d_4)



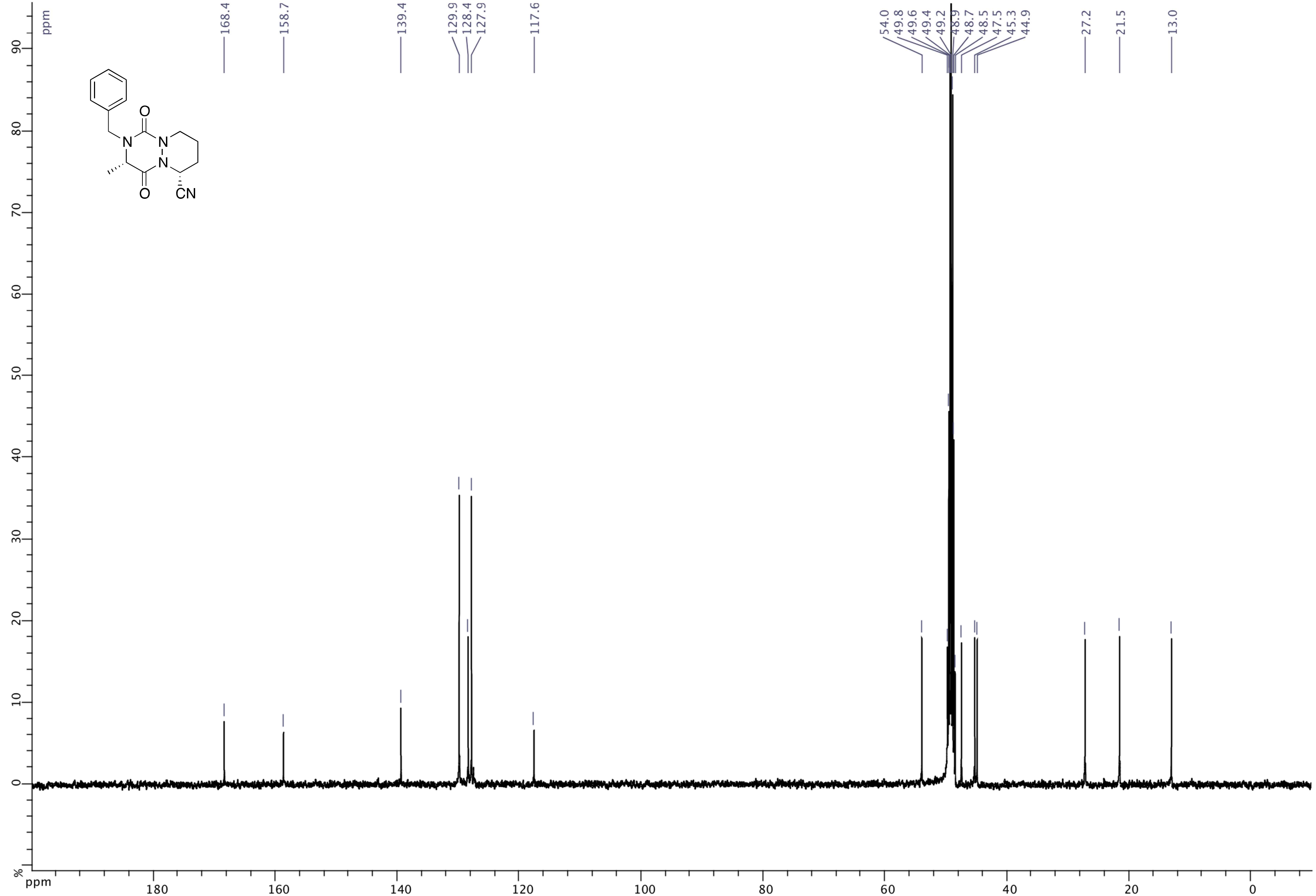
^{1}**H NMR** for **9t** (400 MHz, MeOD-d_4)



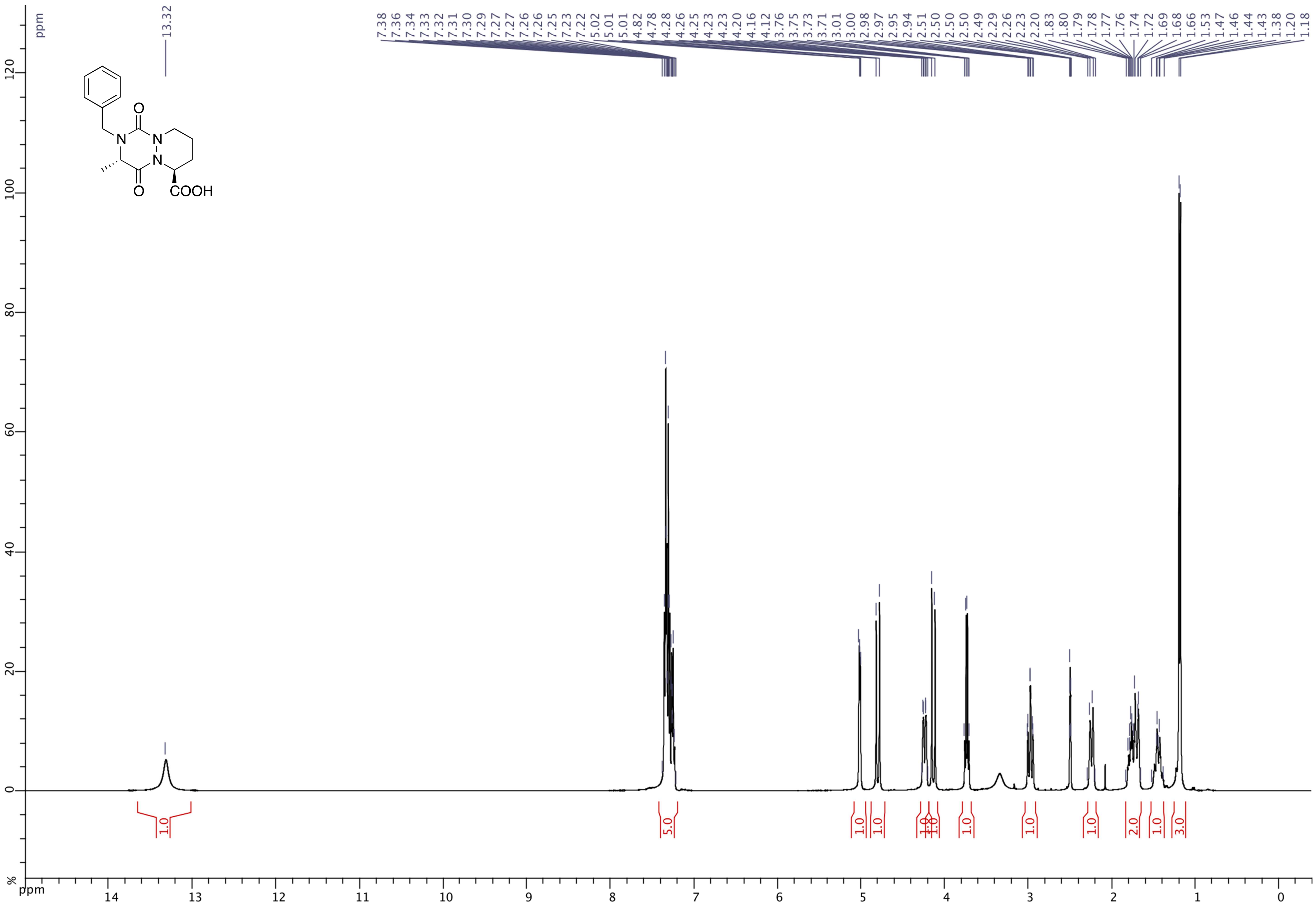
[1]H NMR for **9c** (400 MHz, MeOD-d_4)



^{13}**C NMR** for **9c** (100 MHz, MeOD-d_4)



^{1}H NMR for **10** (400 MHz, DMSO-d_6)



^{13}**C NMR** for **10** (100 MHz, DMSO-d_6)