

Supporting information

**A Synthesis of Lamellarins via Regioselective Assembly of
1,2,3-Differentially Substituted 5,6-Dihydropyrrolo[2,1-*a*]isoquinoline Core**

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¹H and ¹³C spectra

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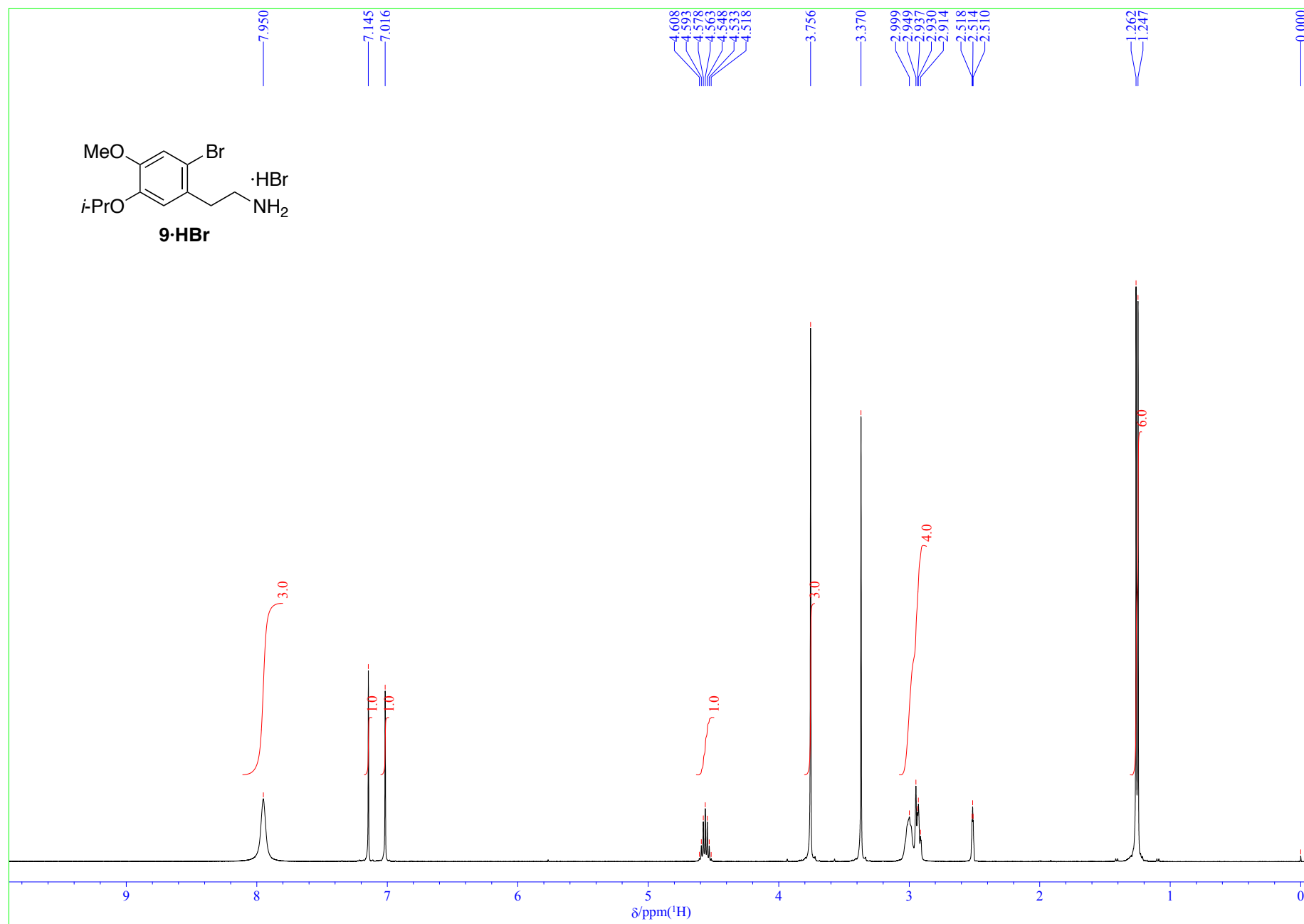


Figure S1. ^1H NMR spectrum of compound **9·HBr** (400 MHz, $\text{DMSO}-d_6$).

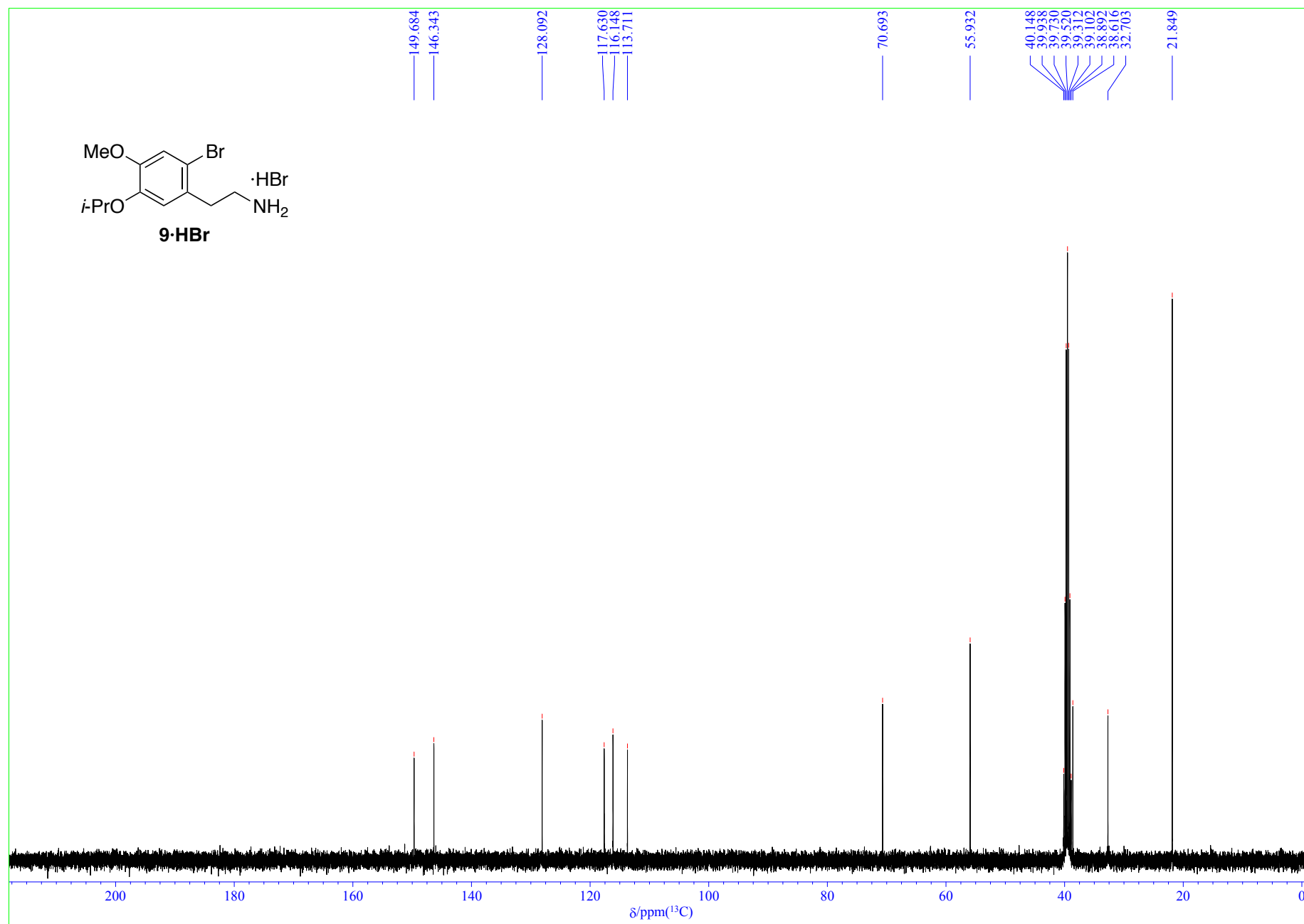


Figure S2. ¹³C NMR spectrum of compound **9·HBr** (100 MHz, DMSO-*d*₆).

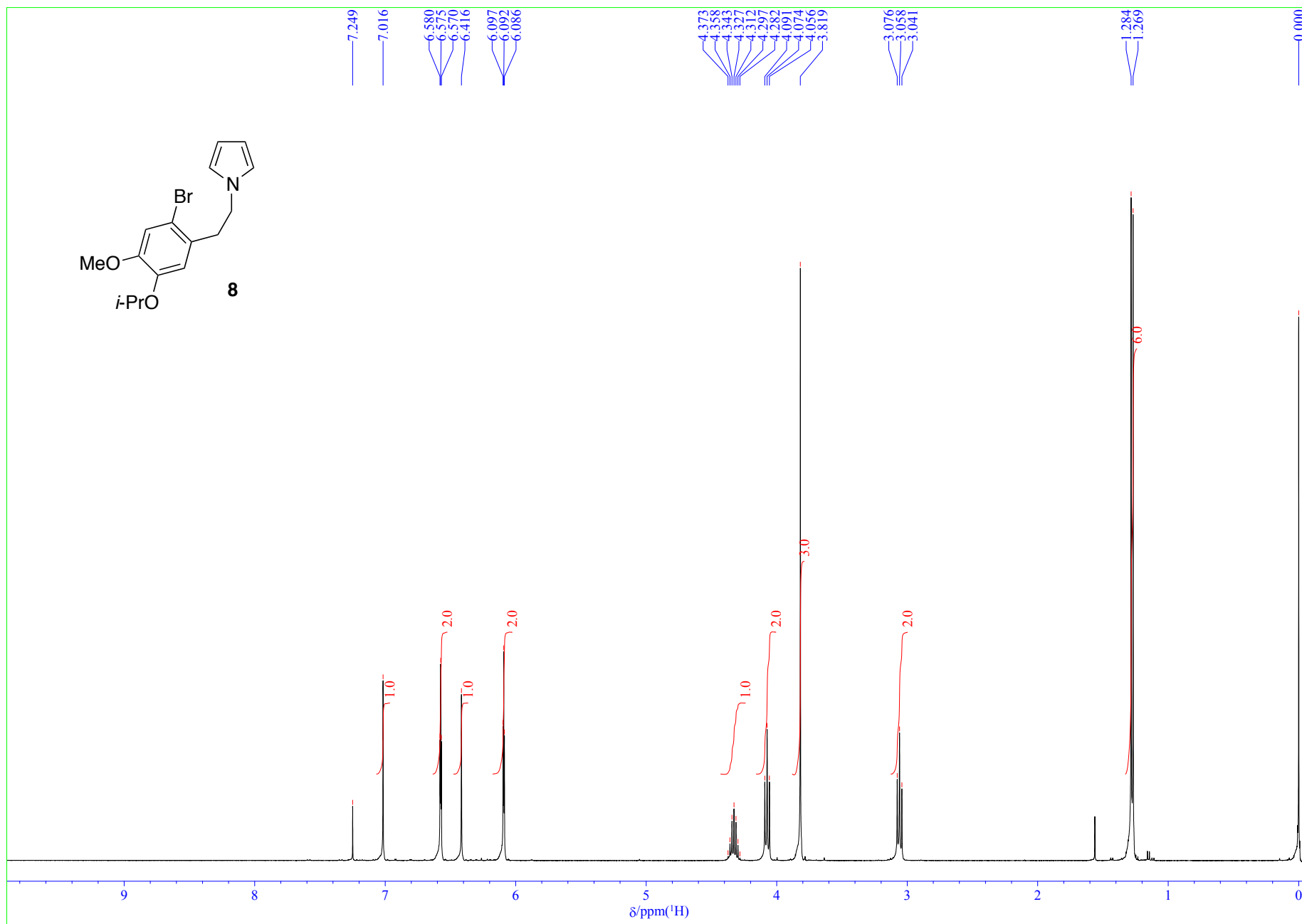


Figure S3. ¹H NMR spectrum of compound **8** (400 MHz, CDCl₃).

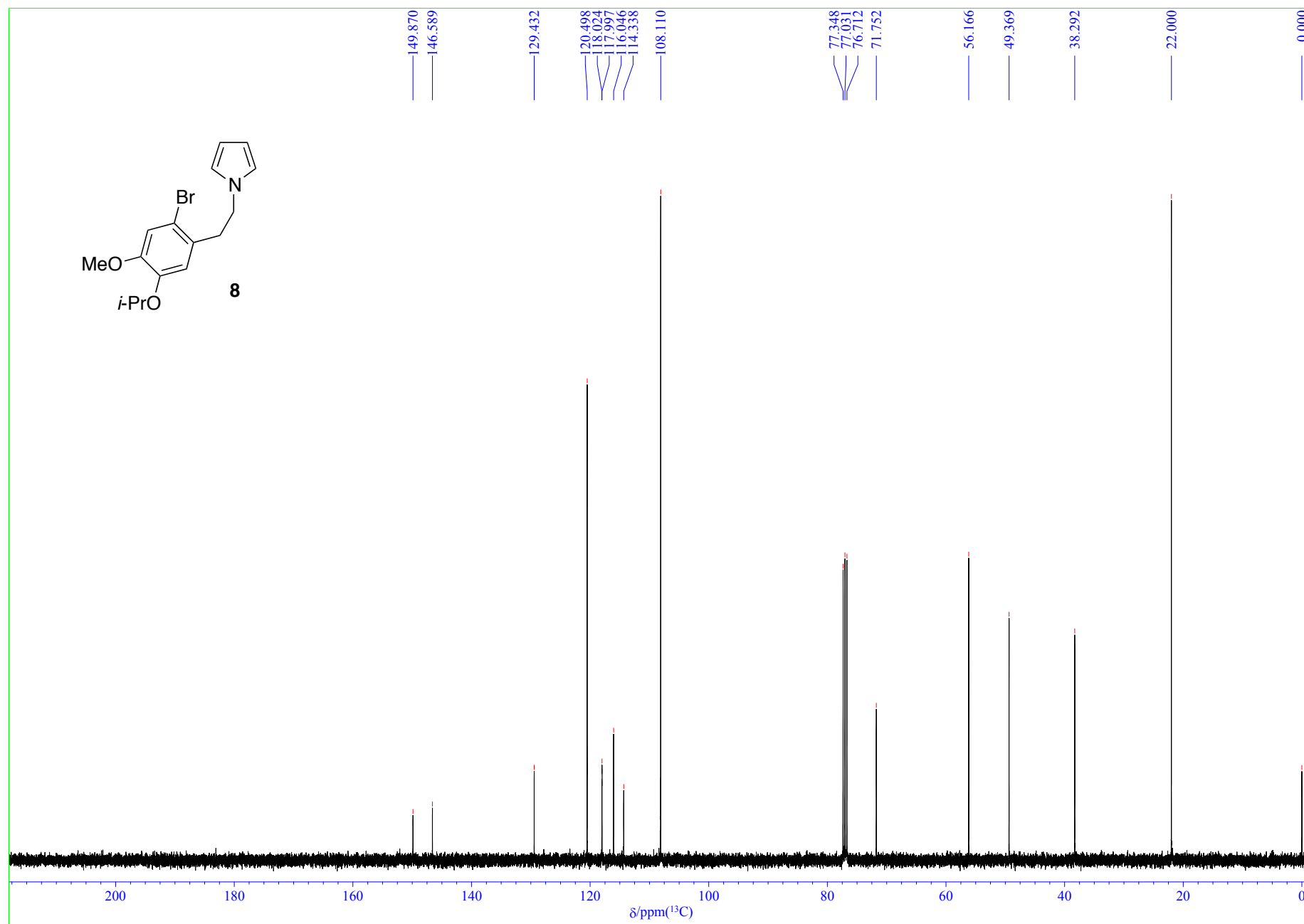


Figure S4. ¹³C NMR spectrum of compound **8** (100 MHz, CDCl₃).

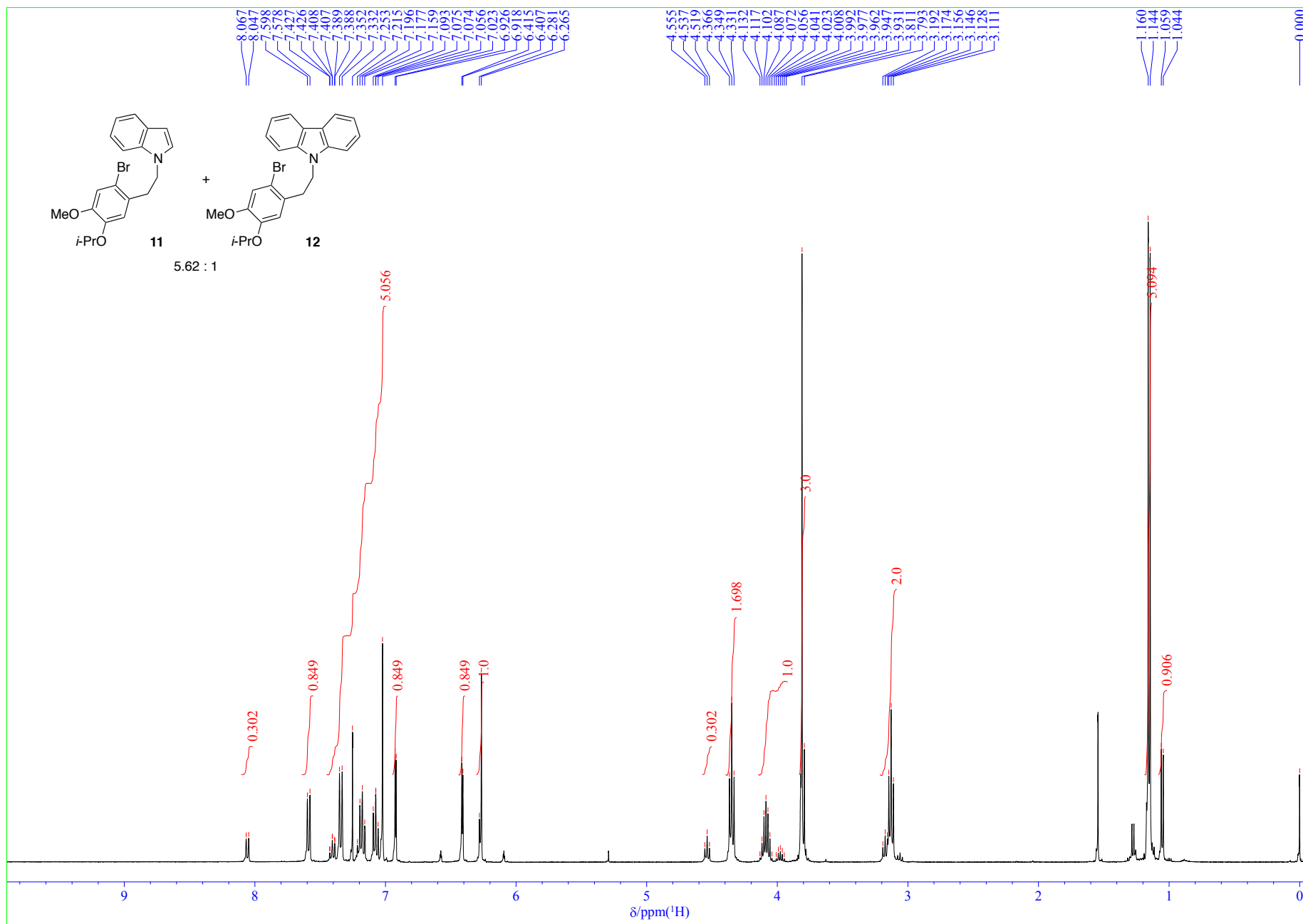


Figure S5. ^1H NMR spectrum of a mixture of compounds **11** and **12** (Table 1, entry 2) (400 MHz, CDCl_3).

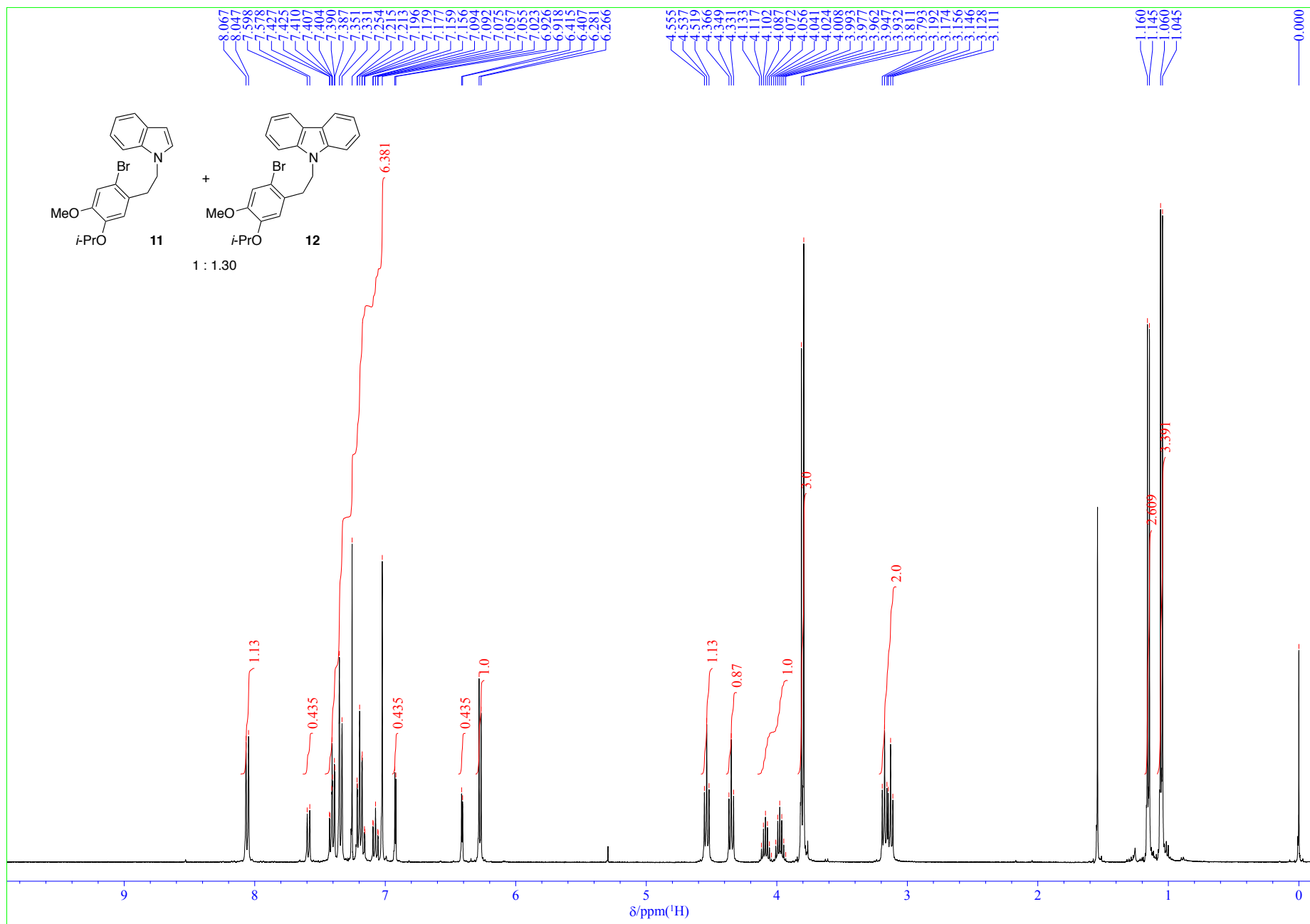


Figure S6. ^1H NMR spectrum of a mixture of compounds **11** and **12** (Table 1, entry 3) (400 MHz, CDCl_3).

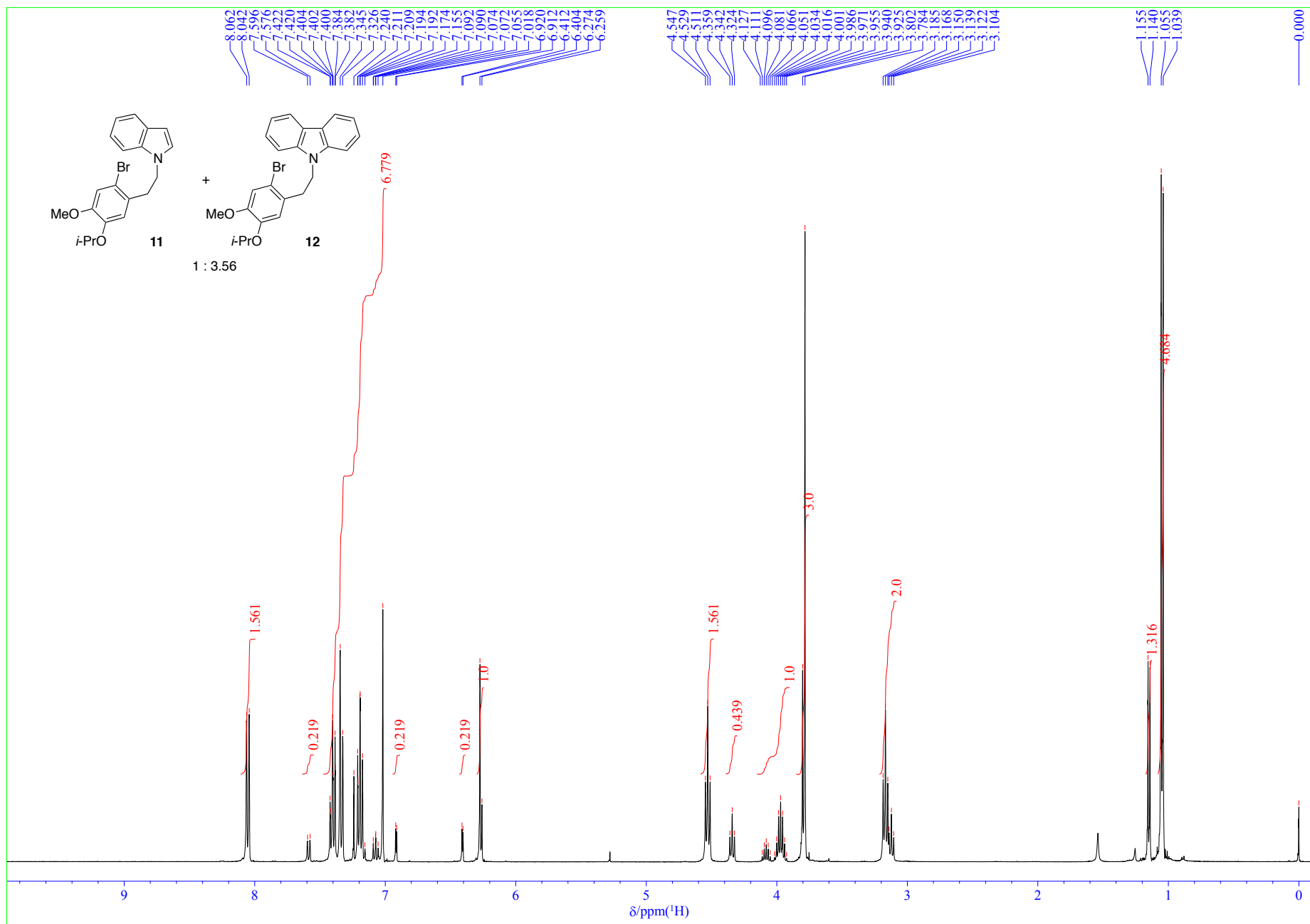


Figure S7. ¹H NMR spectrum of a mixture of compounds **11** and **12** (Table 1, entry 4) (400 MHz, CDCl₃).

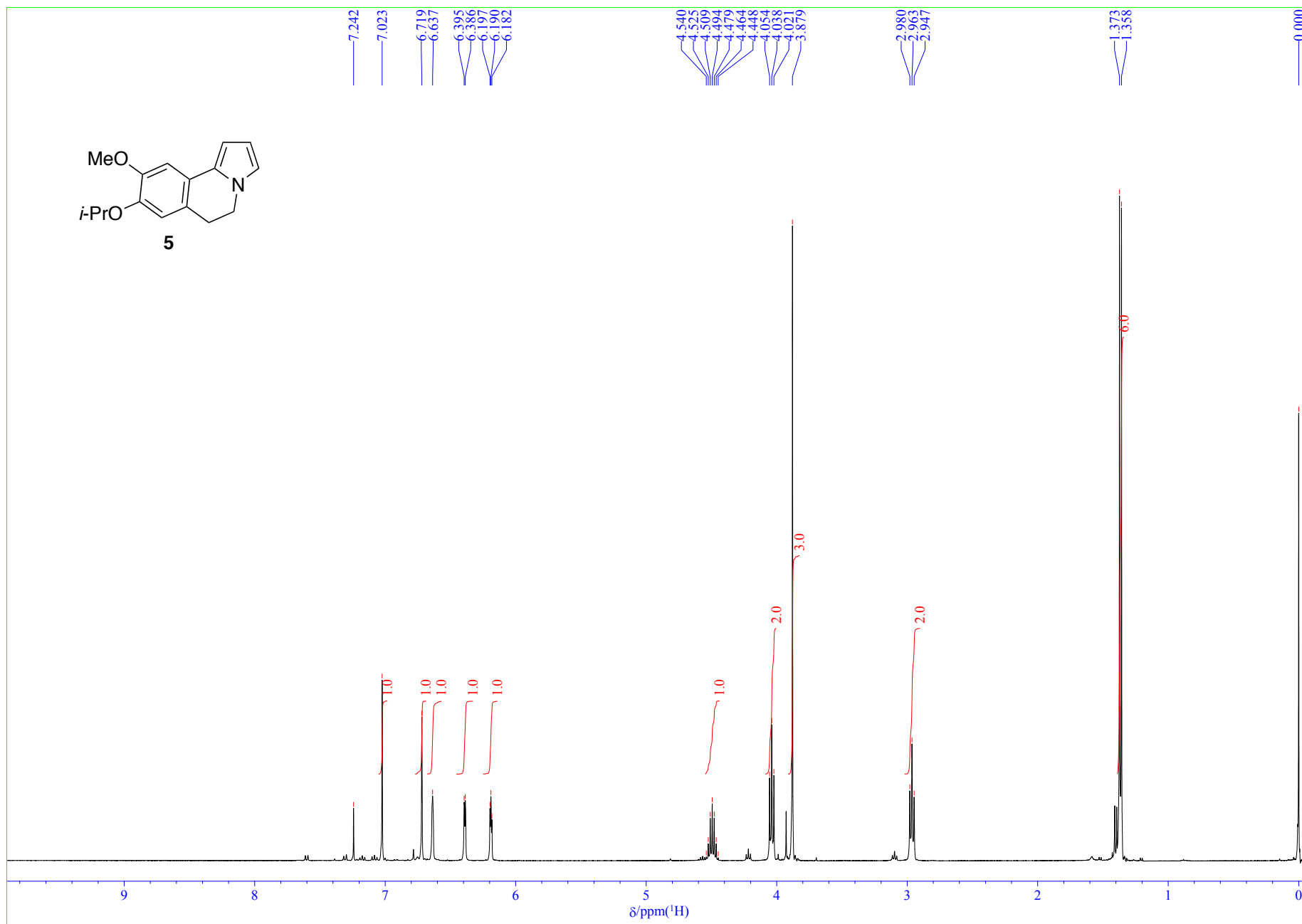


Figure S8. ^1H NMR spectrum of compound **5** (400 MHz, CDCl_3).

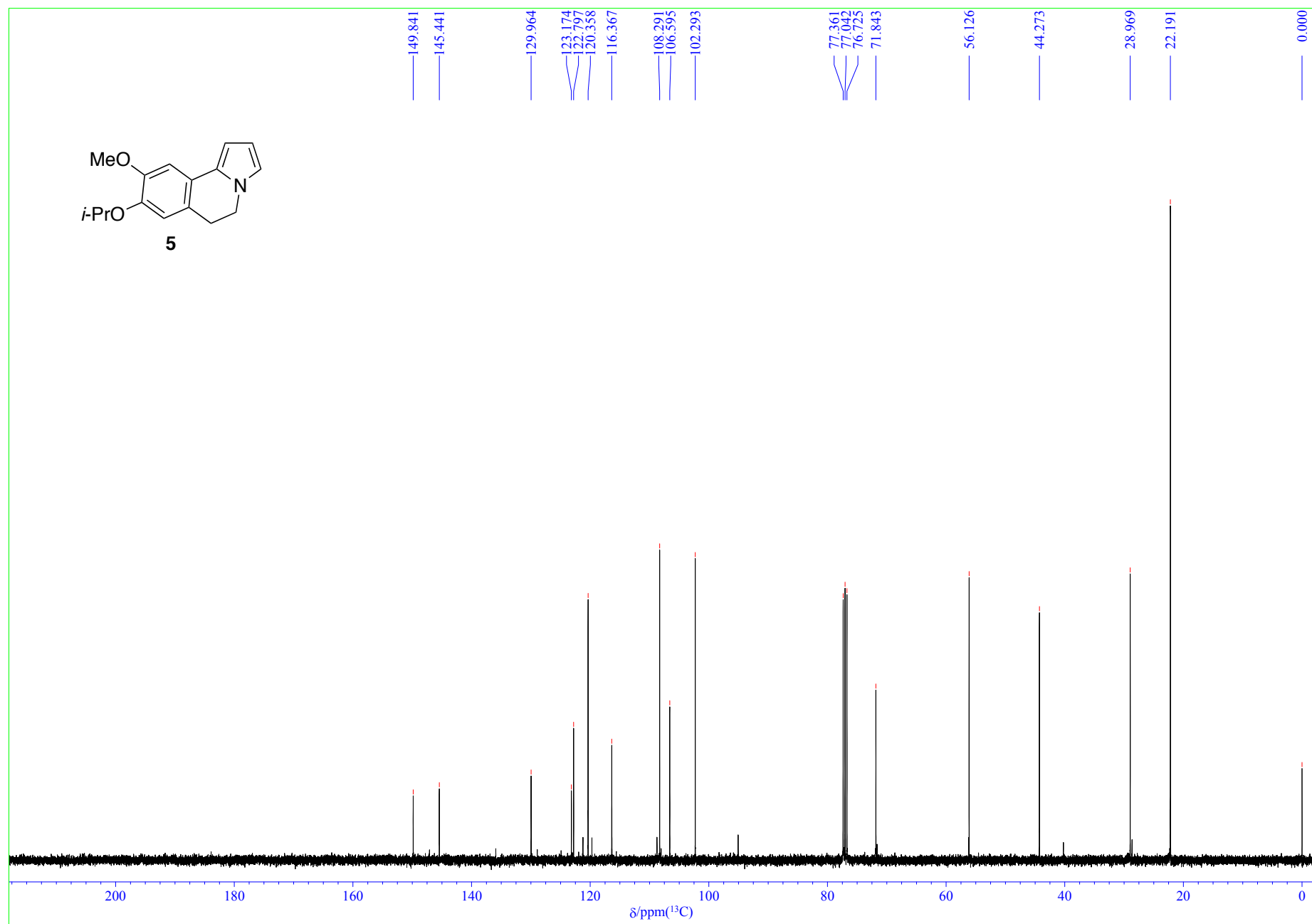


Figure S9. ^{13}C NMR spectrum of compound **5** (100 MHz, CDCl_3).

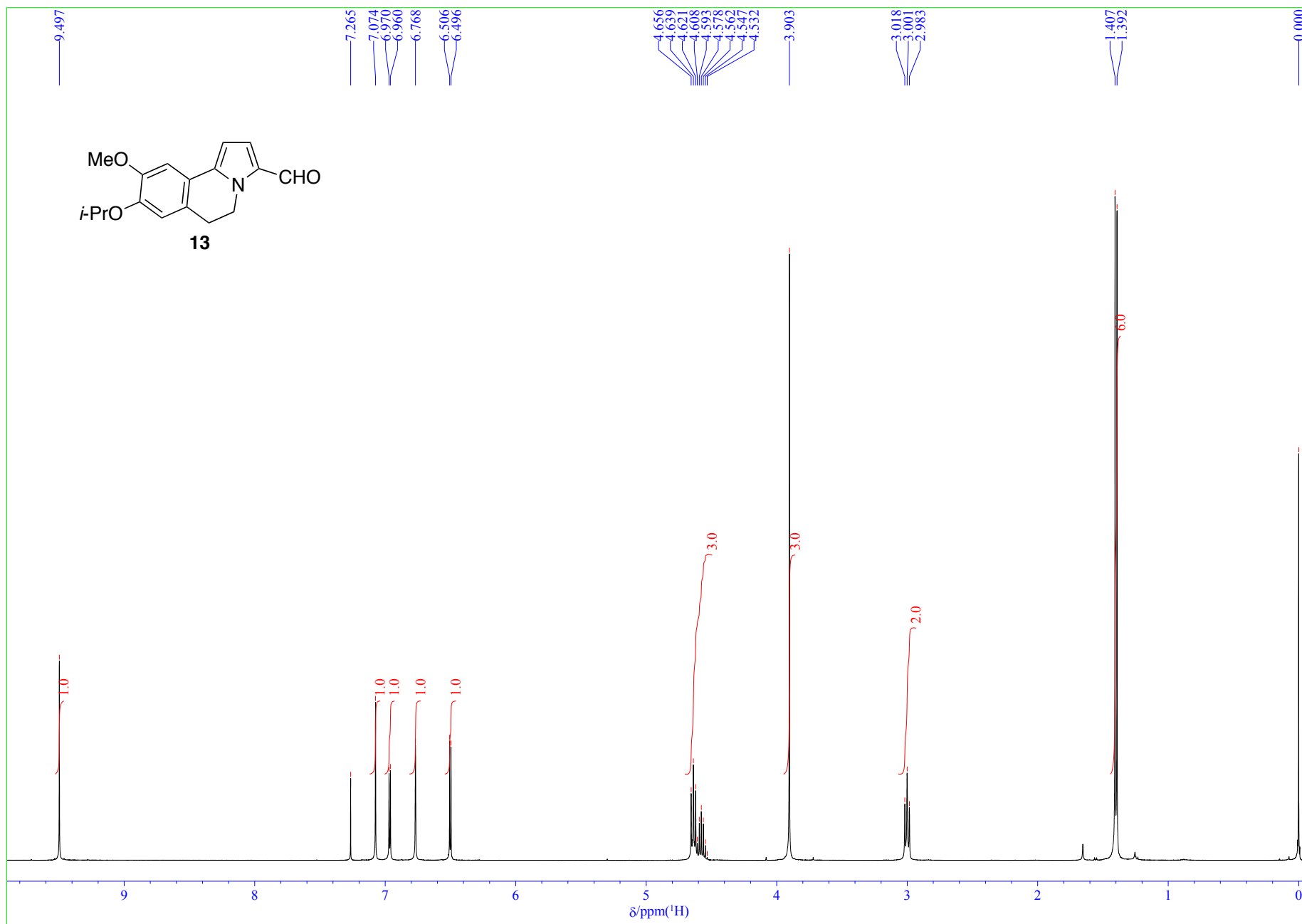


Figure S10. ^1H NMR spectrum of compound **13** (400 MHz, CDCl_3).

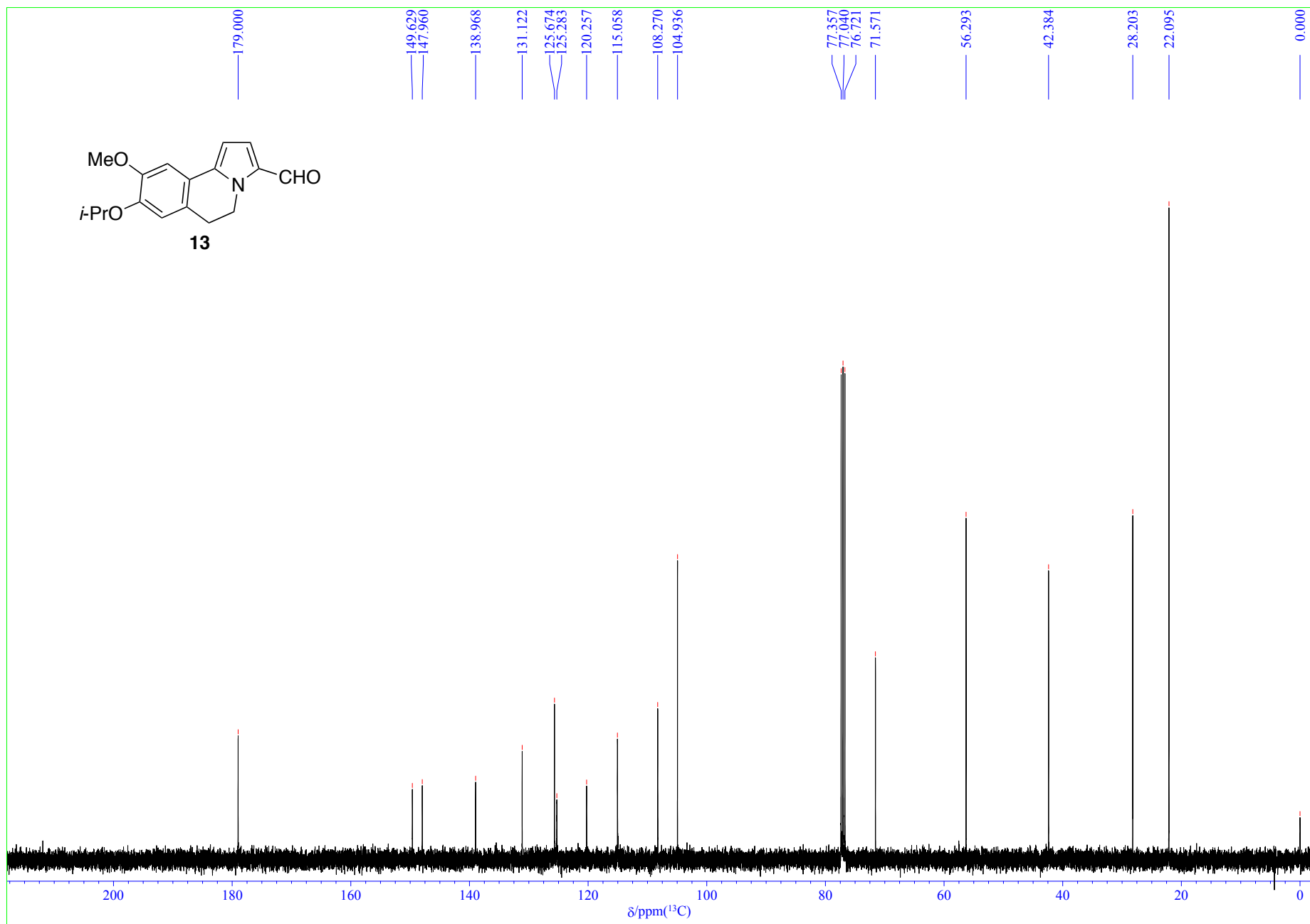


Figure S11. ^{13}C NMR spectrum of compound **13** (100 MHz, CDCl_3).

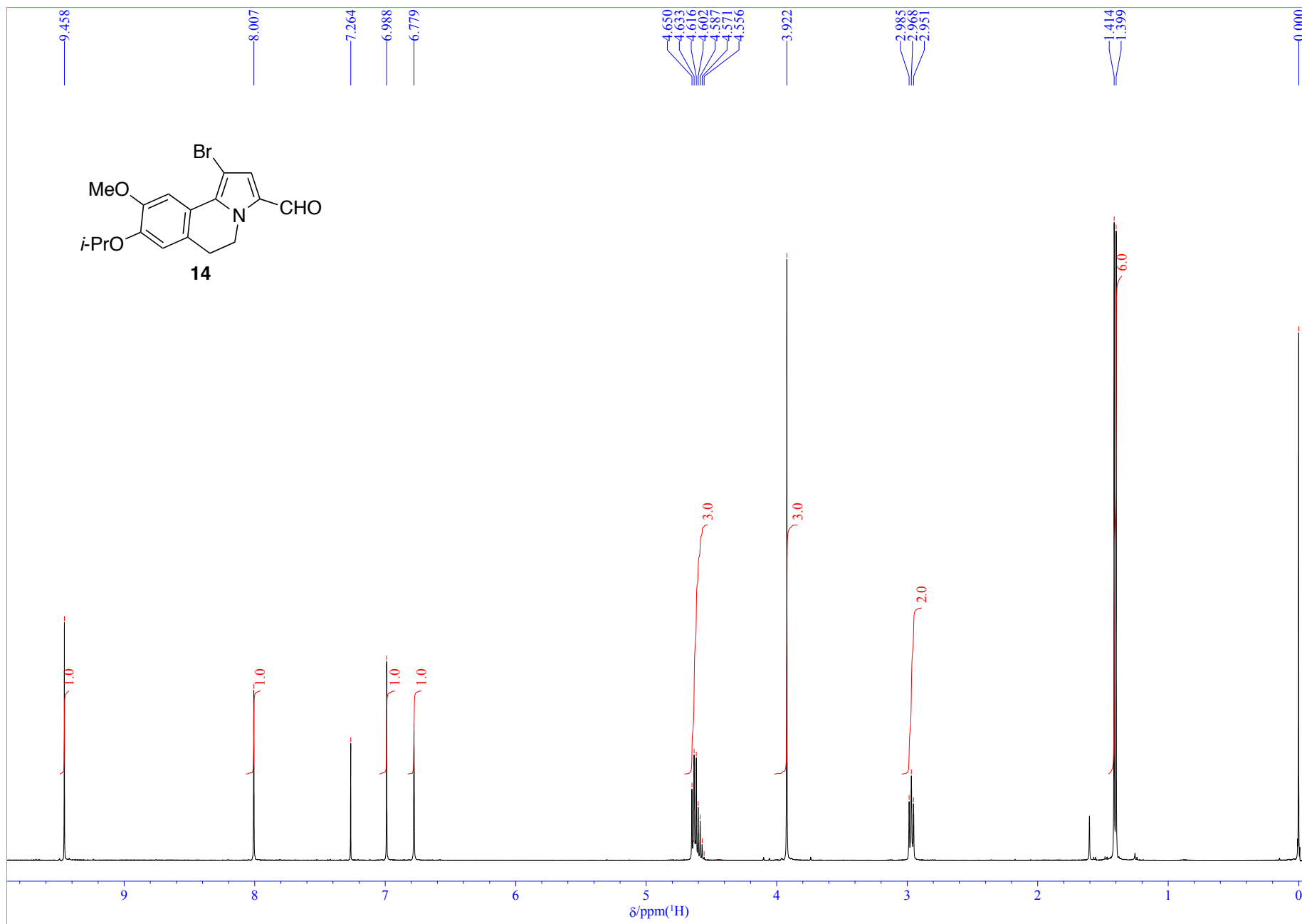


Figure S12. ¹H NMR spectrum of compound **14** (400 MHz, CDCl₃).

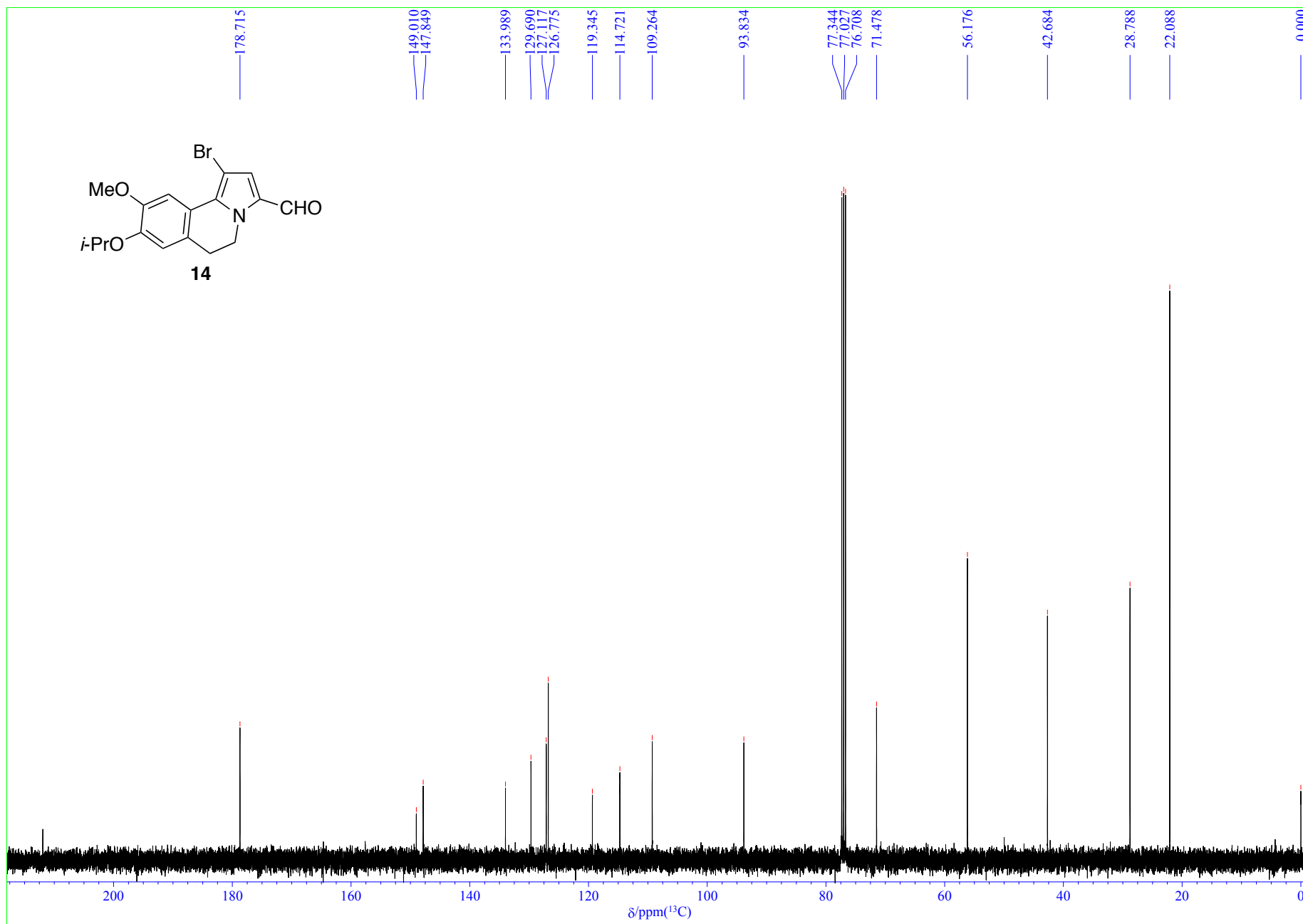


Figure S13. ^{13}C NMR spectrum of compound **14** (100 MHz, CDCl_3).

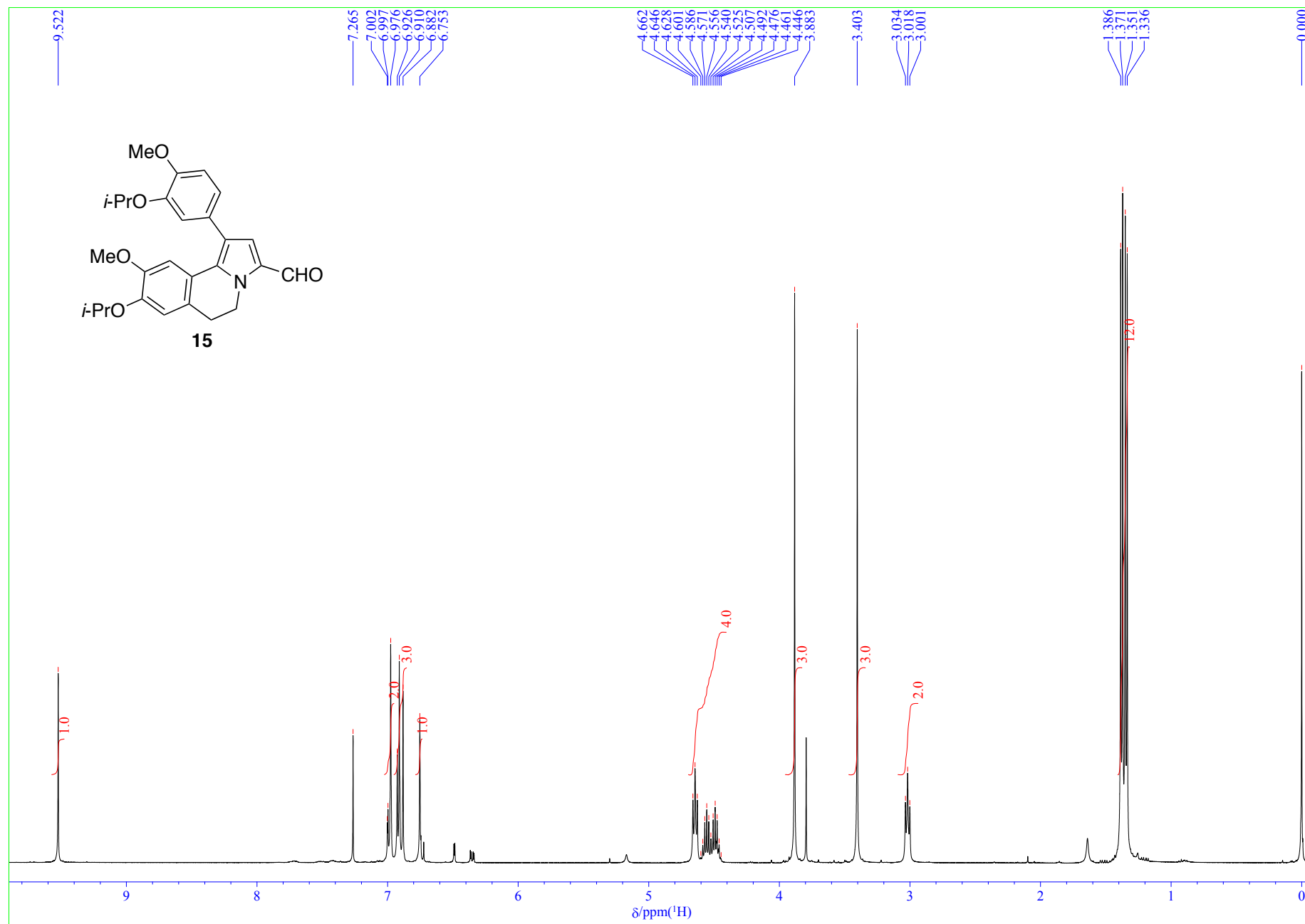


Figure S14. ¹H NMR spectrum of compound **15** (400 MHz, CDCl₃).

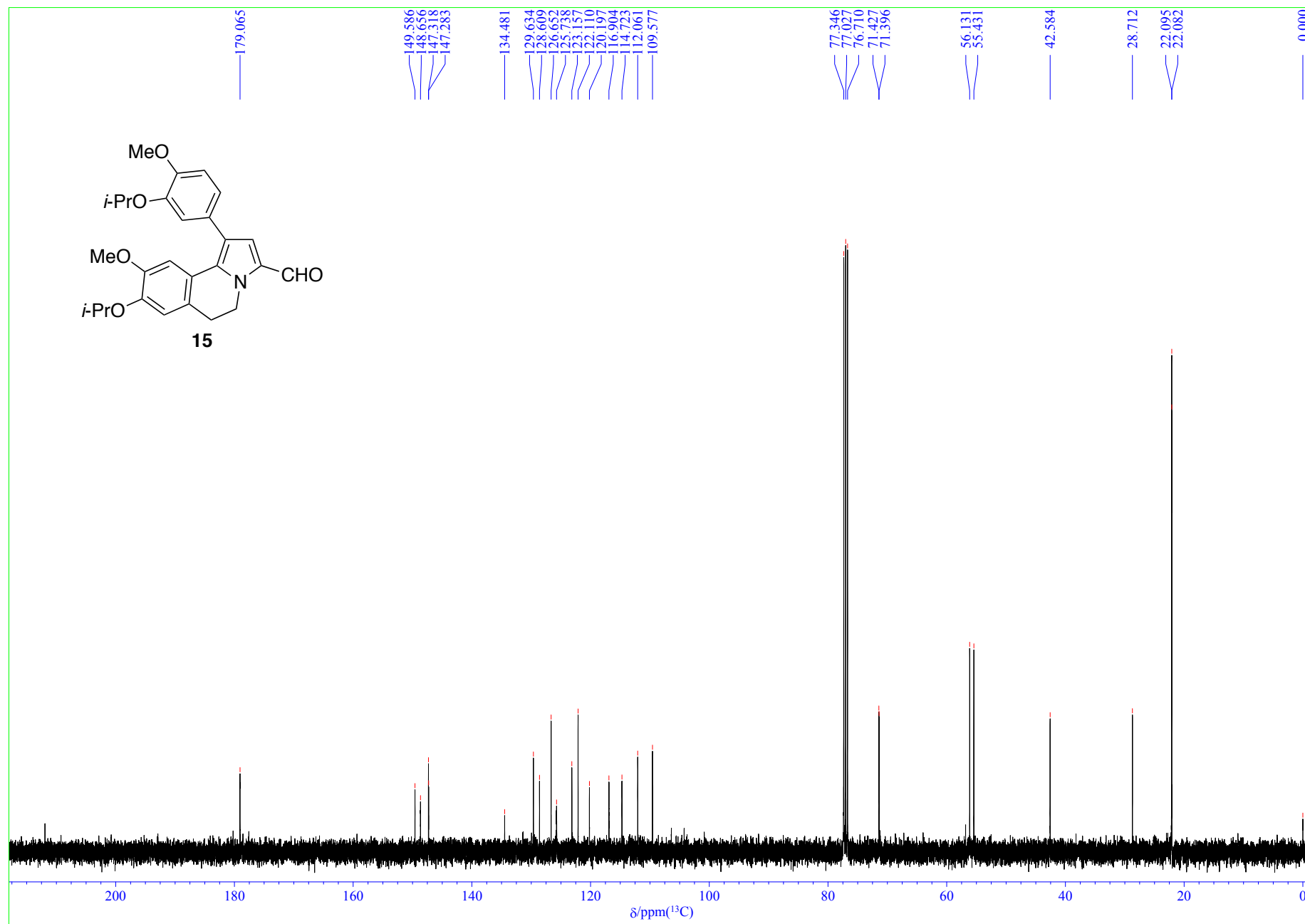


Figure S15. ^{13}C NMR spectrum of compound **15** (100 MHz, CDCl_3).

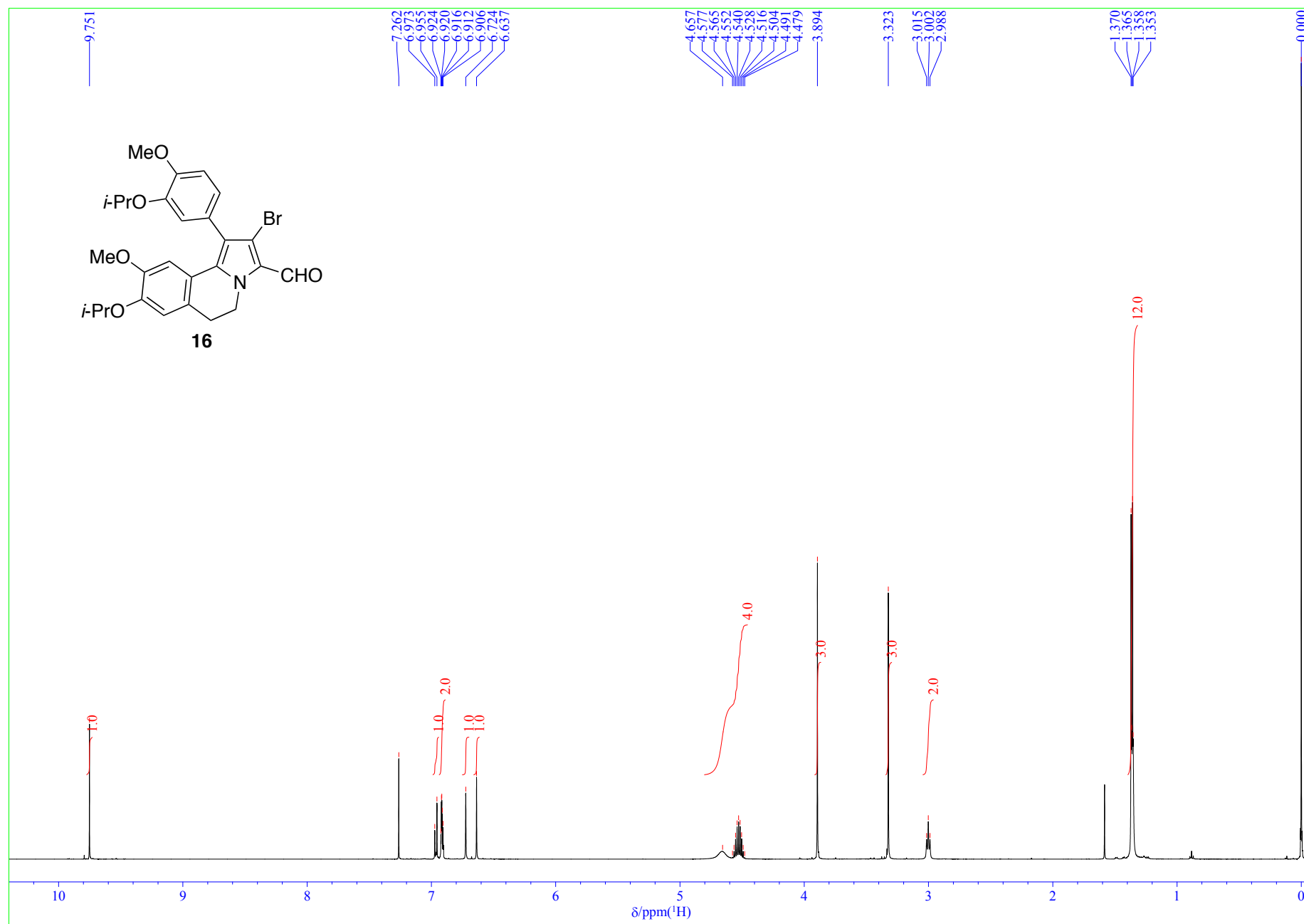


Figure S16. ¹H NMR spectrum of compound **16** (500 MHz, CDCl₃).

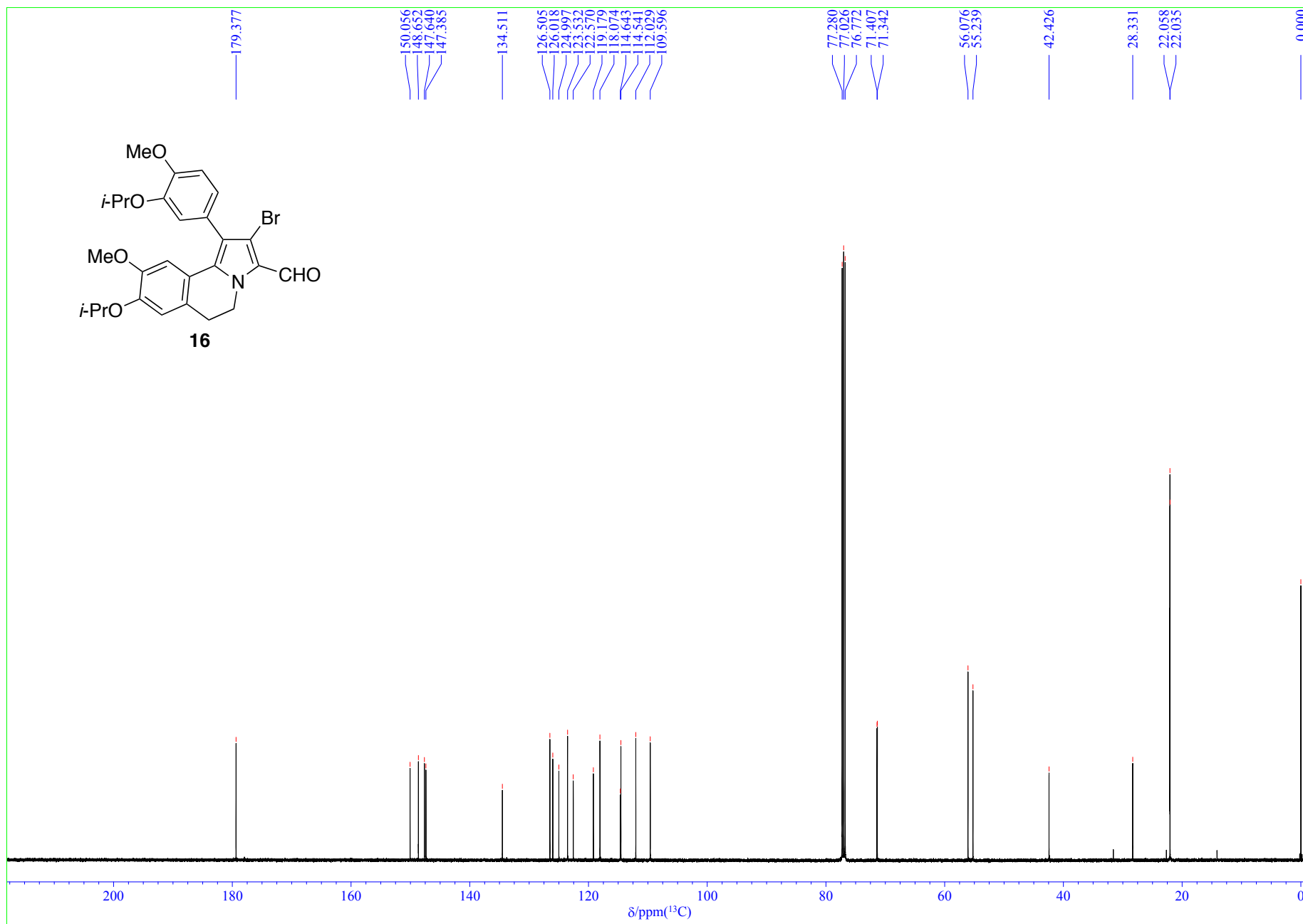


Figure S17. ^{13}C NMR spectrum of compound **16** (125 MHz, CDCl_3).

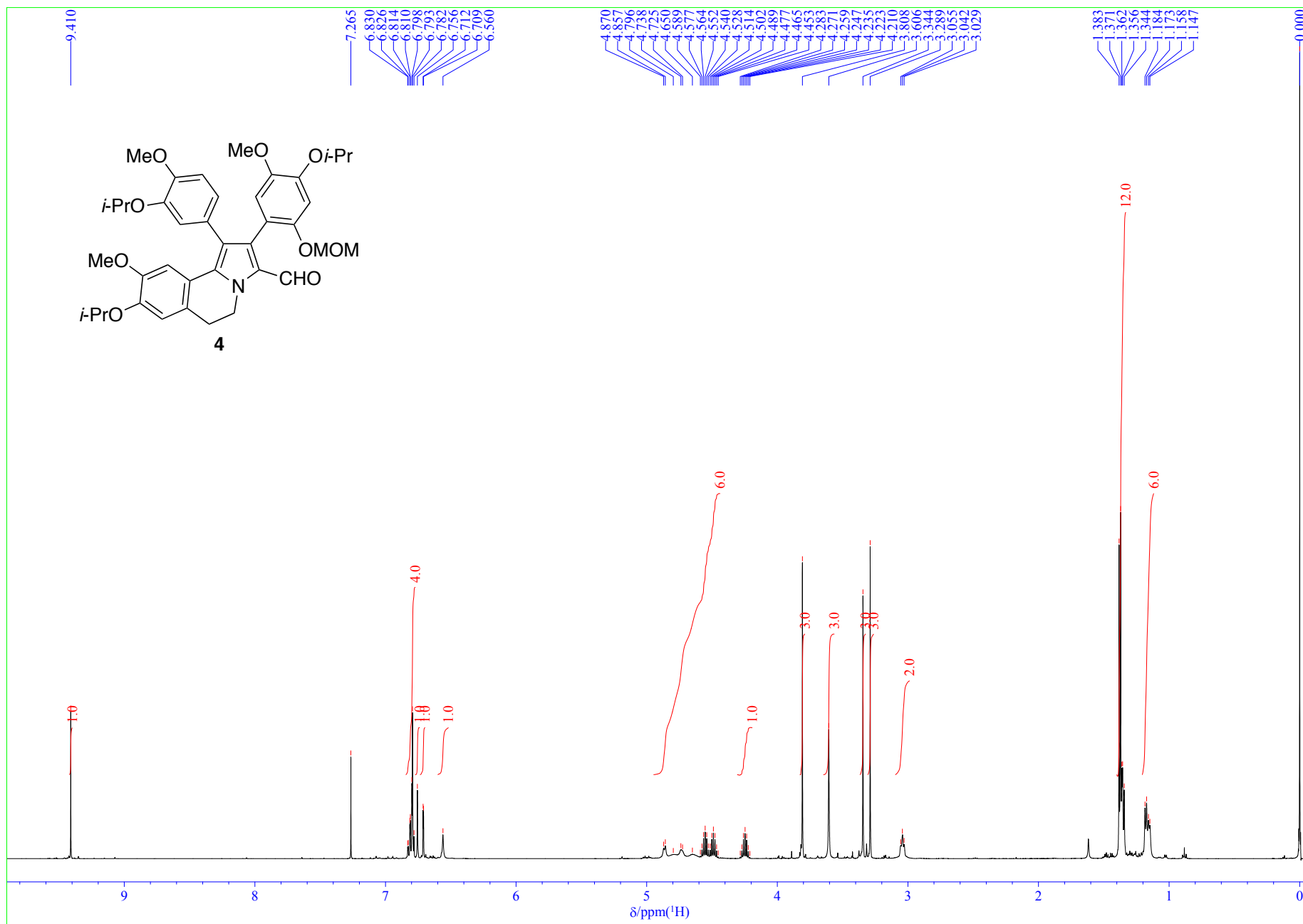


Figure S18. ^1H NMR spectrum of compound **4** (500 MHz, CDCl_3).

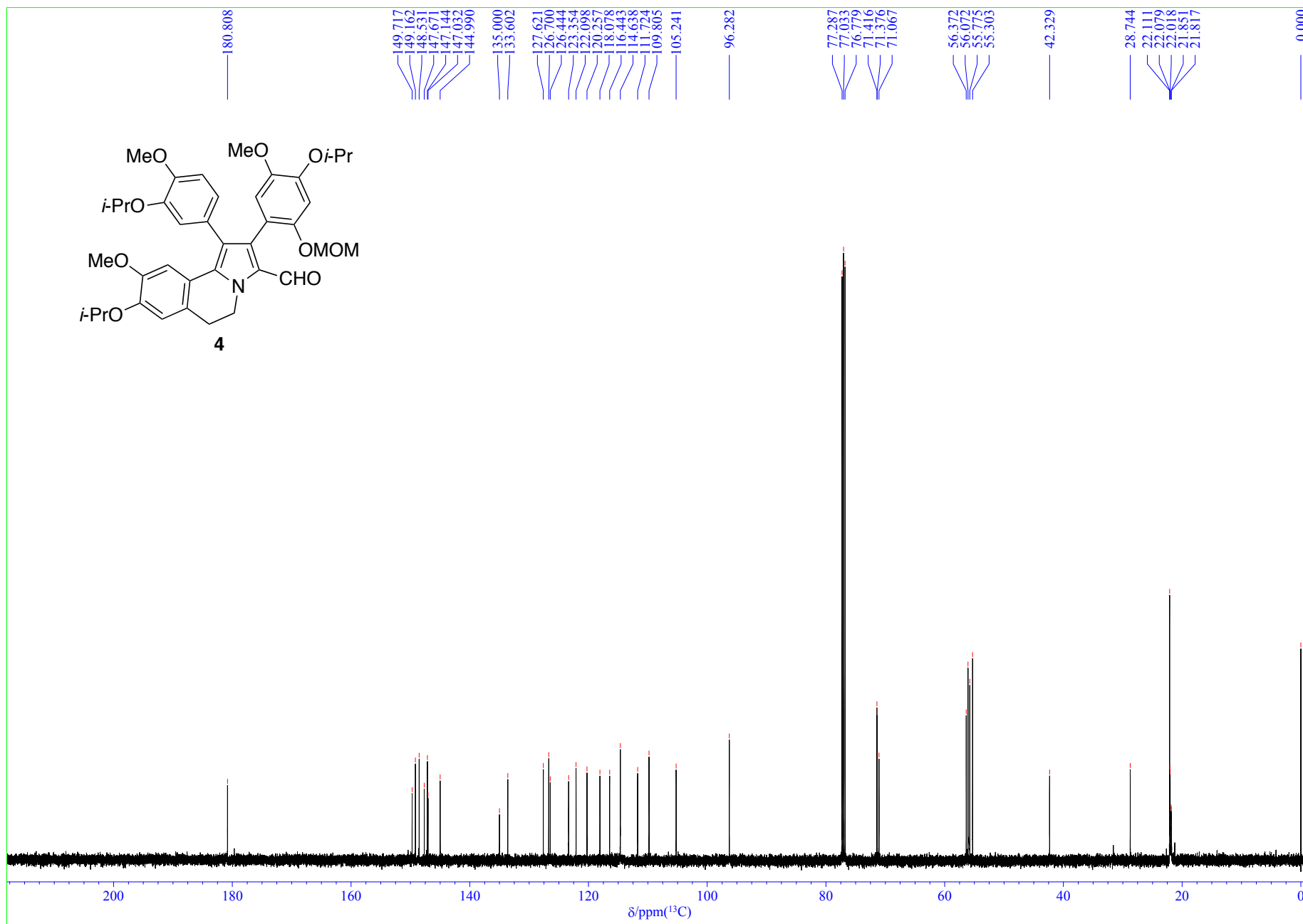


Figure S19. ^{13}C NMR spectrum of compound **4** (125 MHz, CDCl_3).

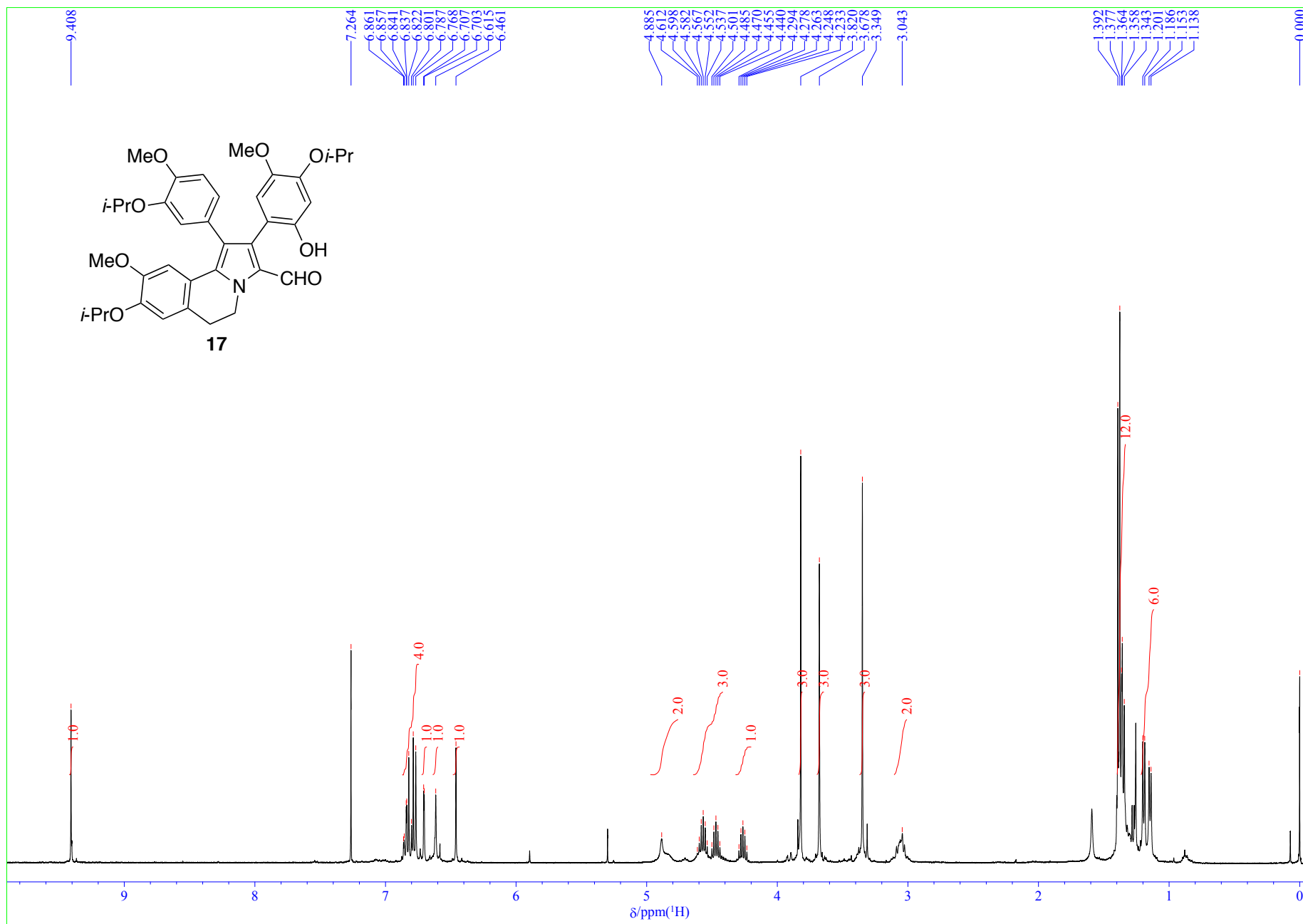


Figure S20. ^1H NMR spectrum of compound **17** (400 MHz, CDCl_3).

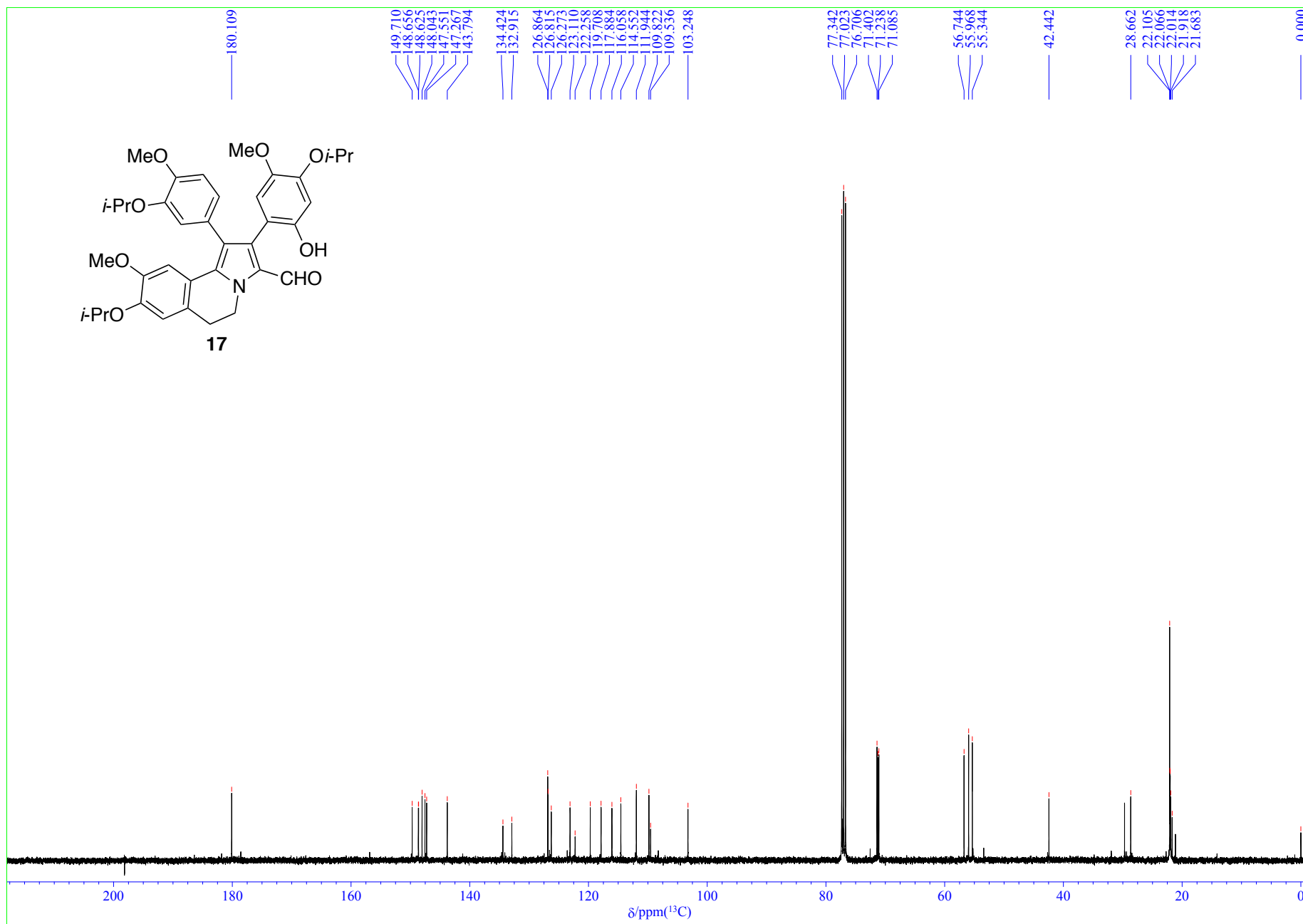


Figure S21. ^{13}C NMR spectrum of compound **17** (100 MHz, CDCl_3).

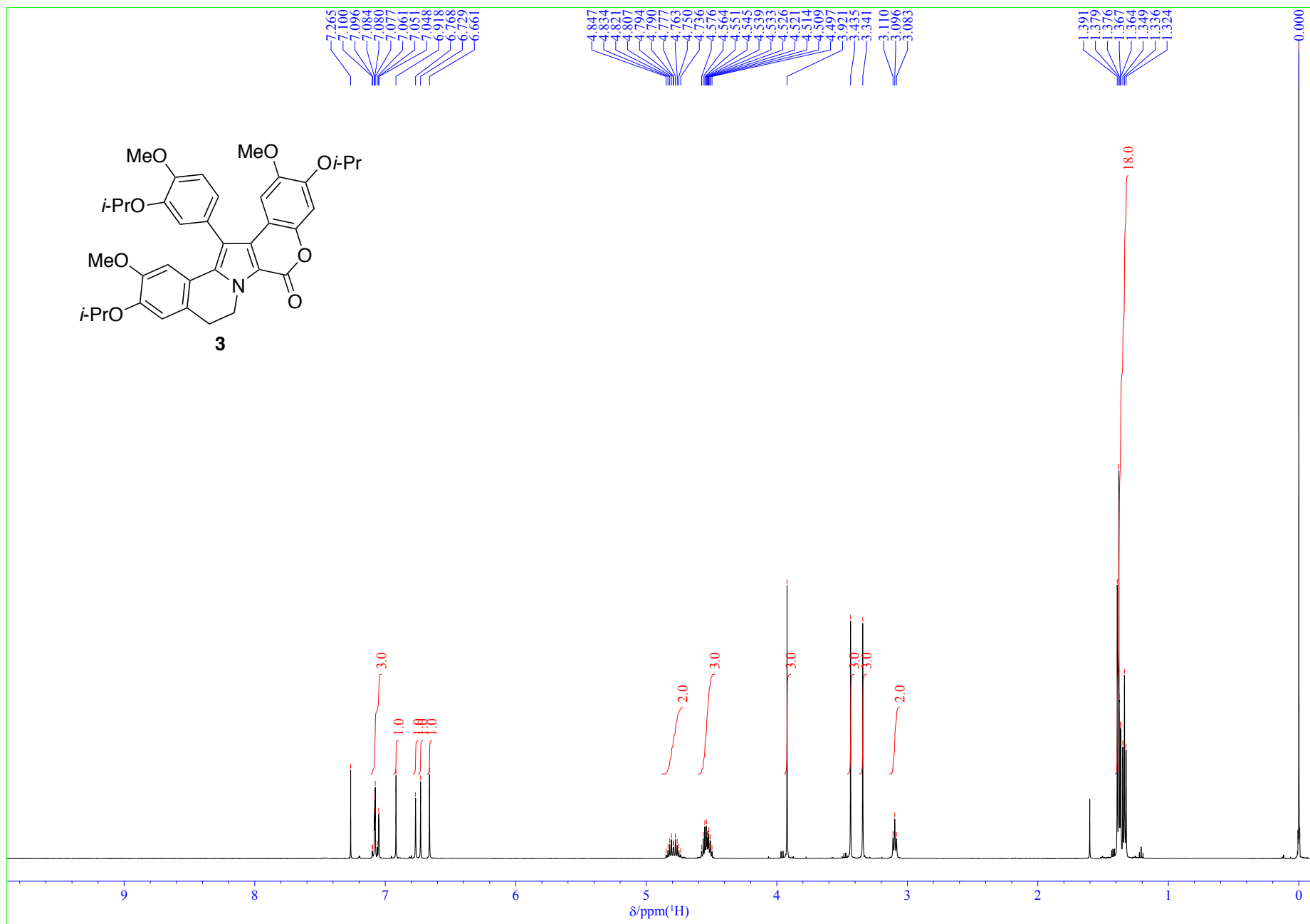


Figure S22. ¹H NMR spectrum of compound **3** (500 MHz, CDCl₃).

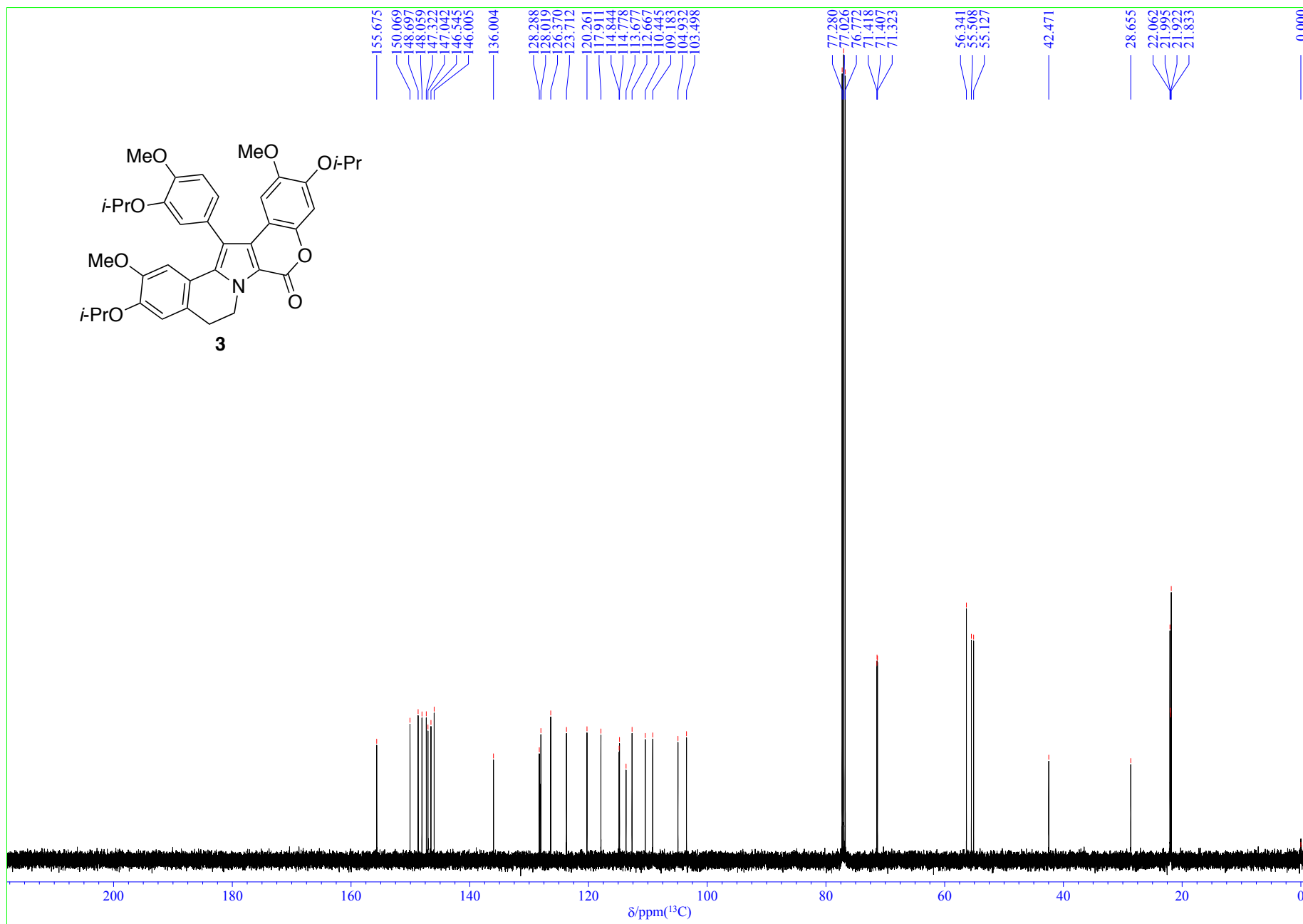


Figure S23. ^{13}C NMR spectrum of compound **3** (125 MHz, CDCl_3).