

Supporting Information

Regioselective vicinal functionalization of unactivated alkenes with sulfonium iodate(I) reagents under metal-free condition

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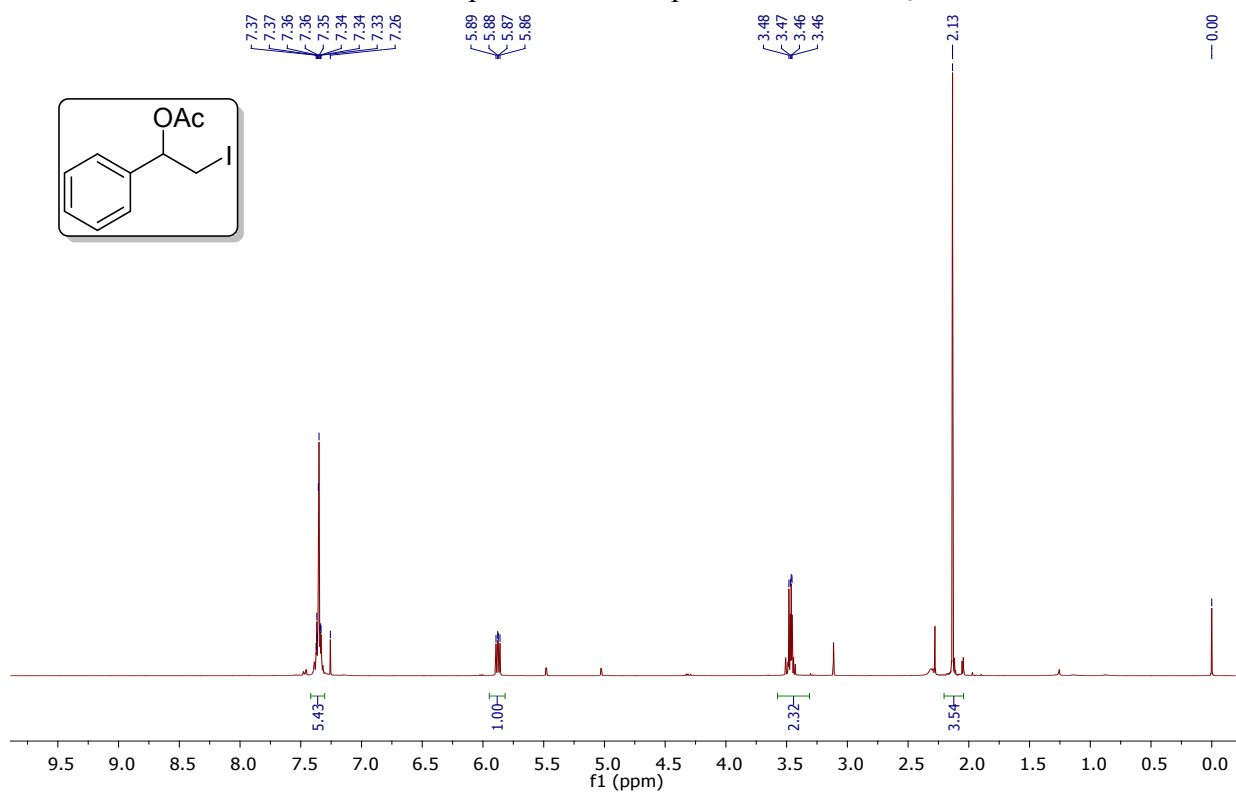
Email: skashyap.chy@mnit.ac.in, skr.kashyap@gmail.com

Content

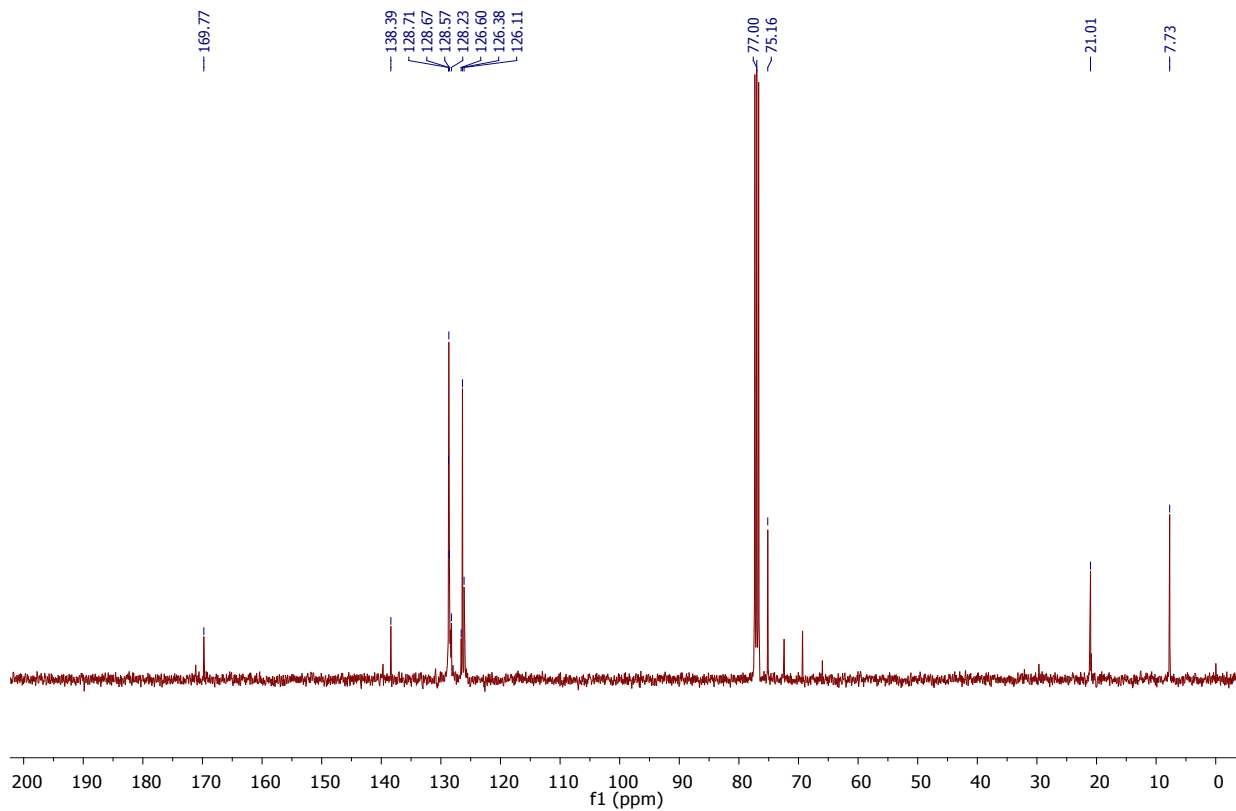
NMR Spectral Charts

S2-S75

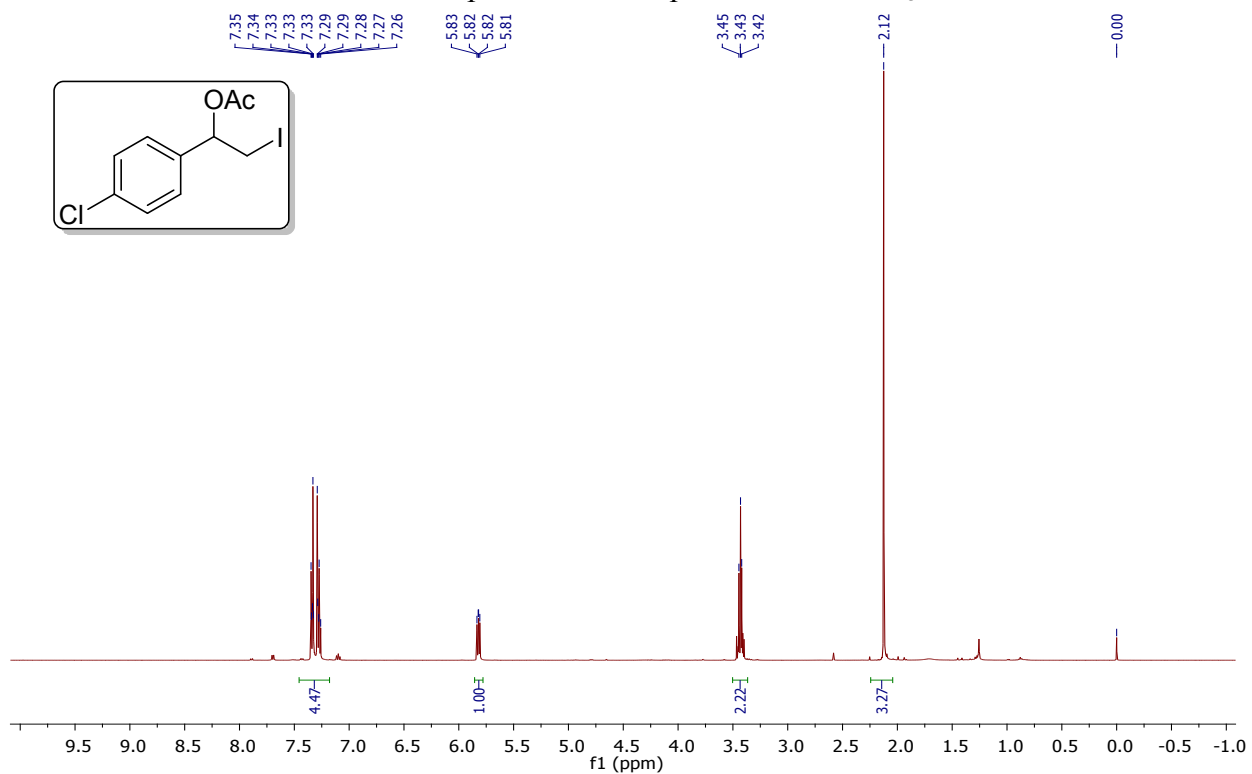
¹H NMR Spectrum of compound **2a** in CDCl₃



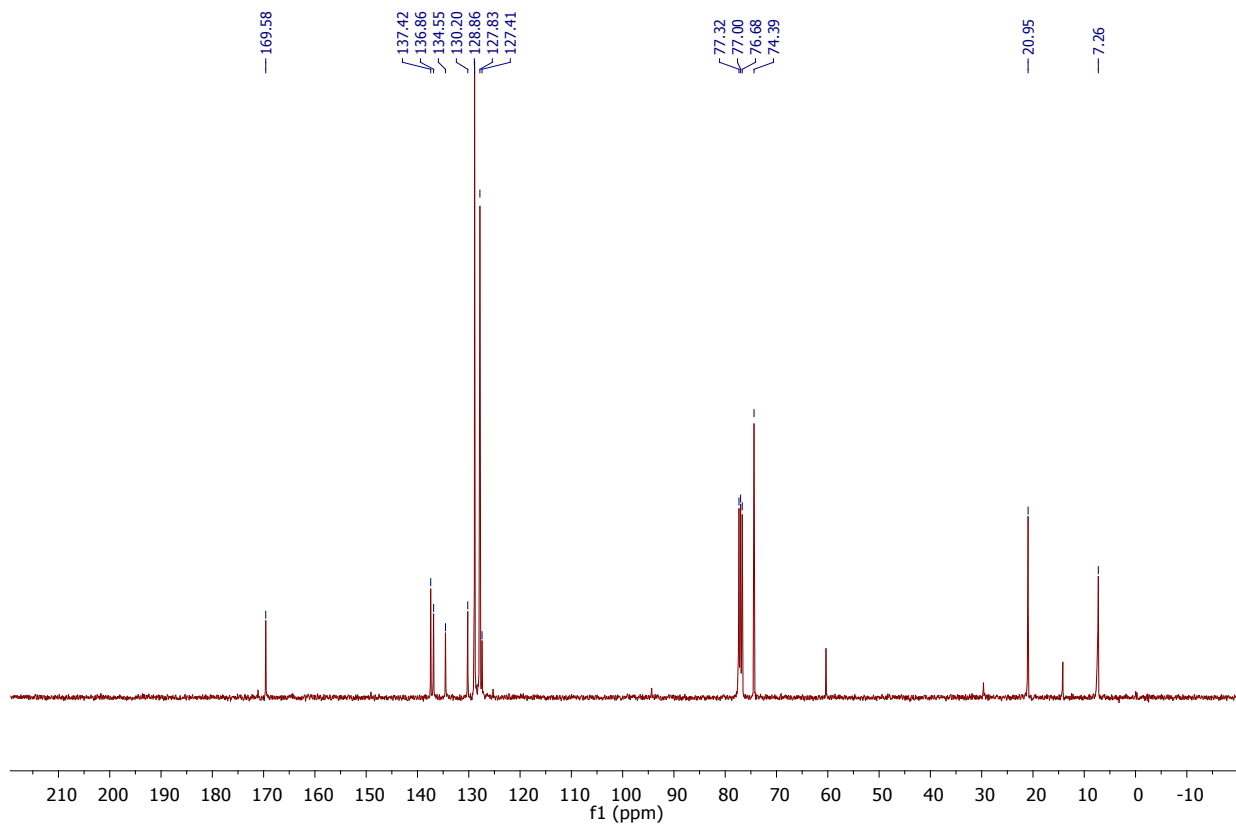
¹³C NMR Spectrum of compound **2a** in CDCl₃



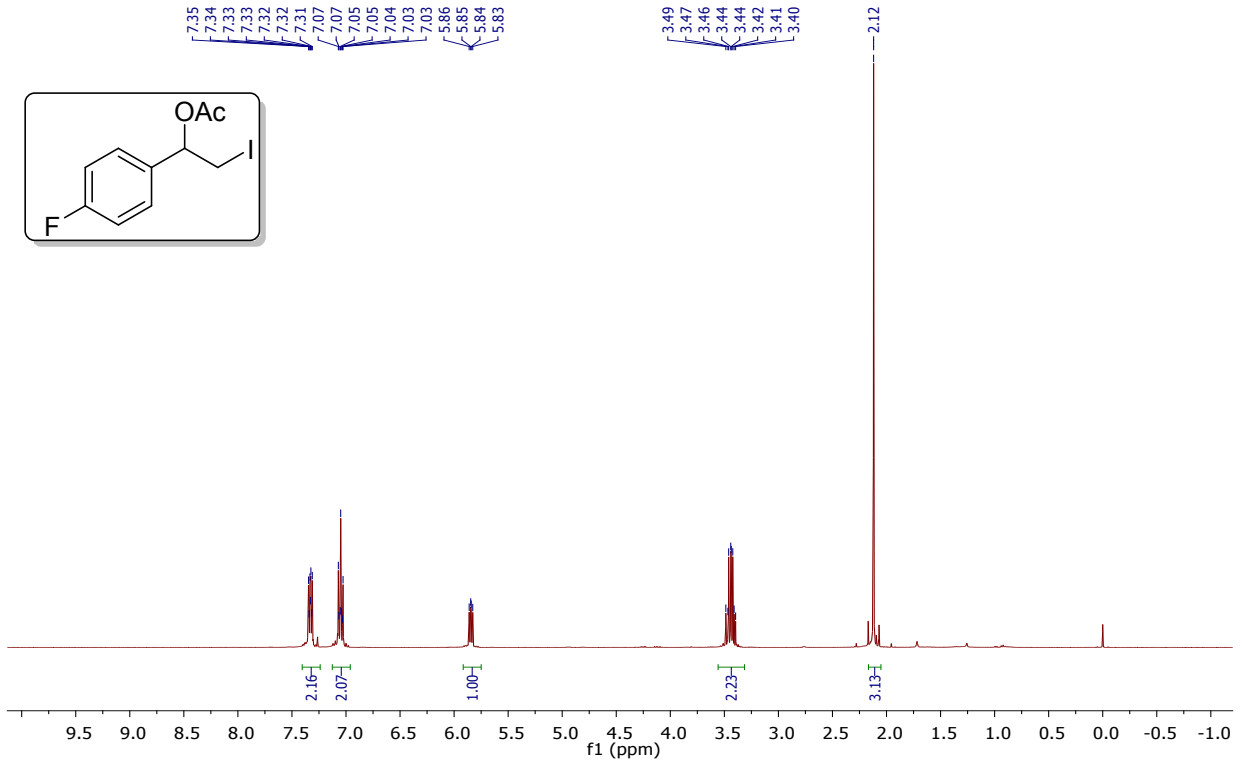
¹H NMR Spectrum of compound **2b** in CDCl₃



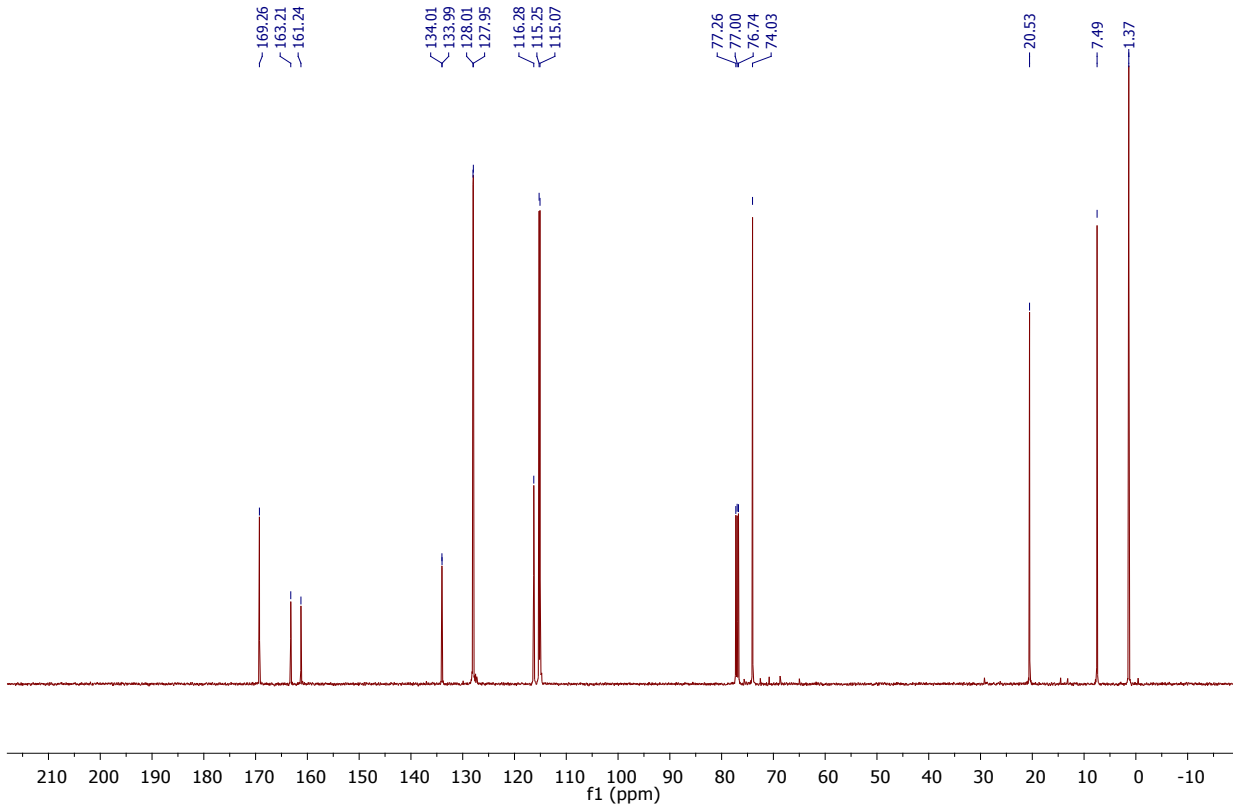
¹³C NMR Spectrum of compound **2b** in CDCl₃



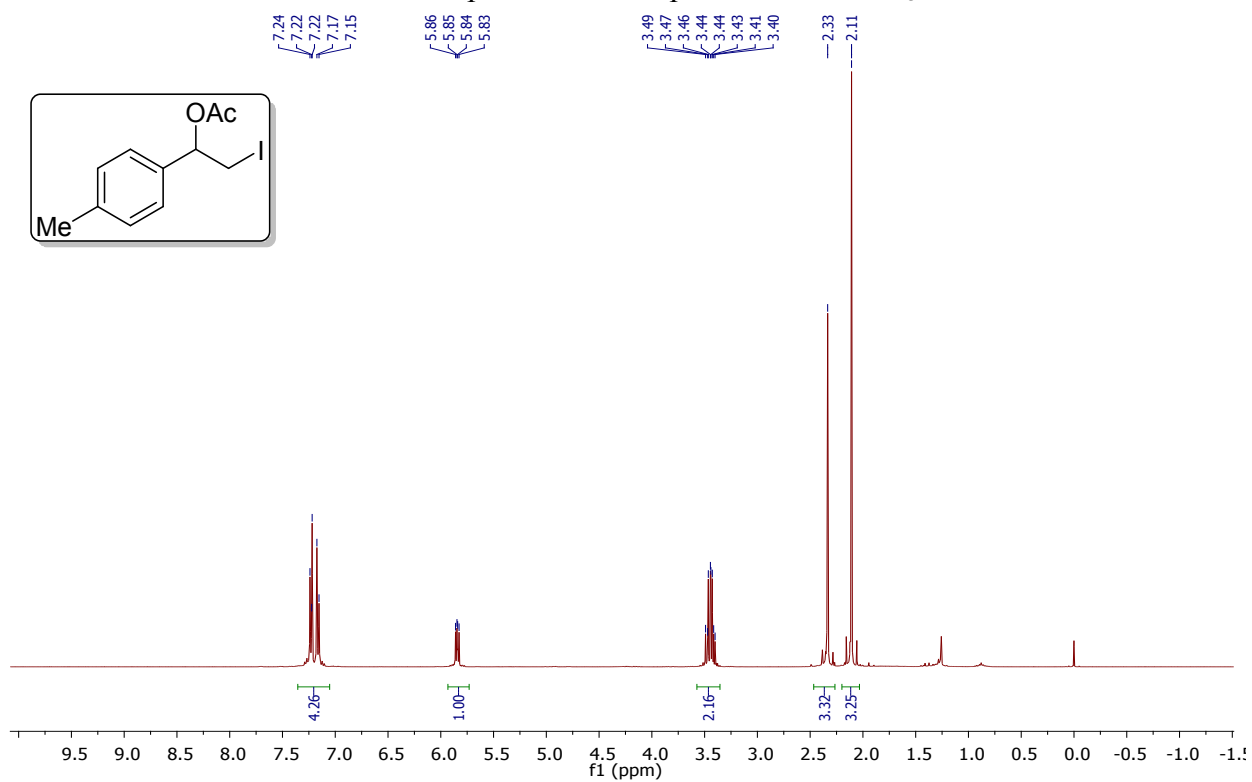
¹H NMR Spectrum of compound **2c** in CDCl₃



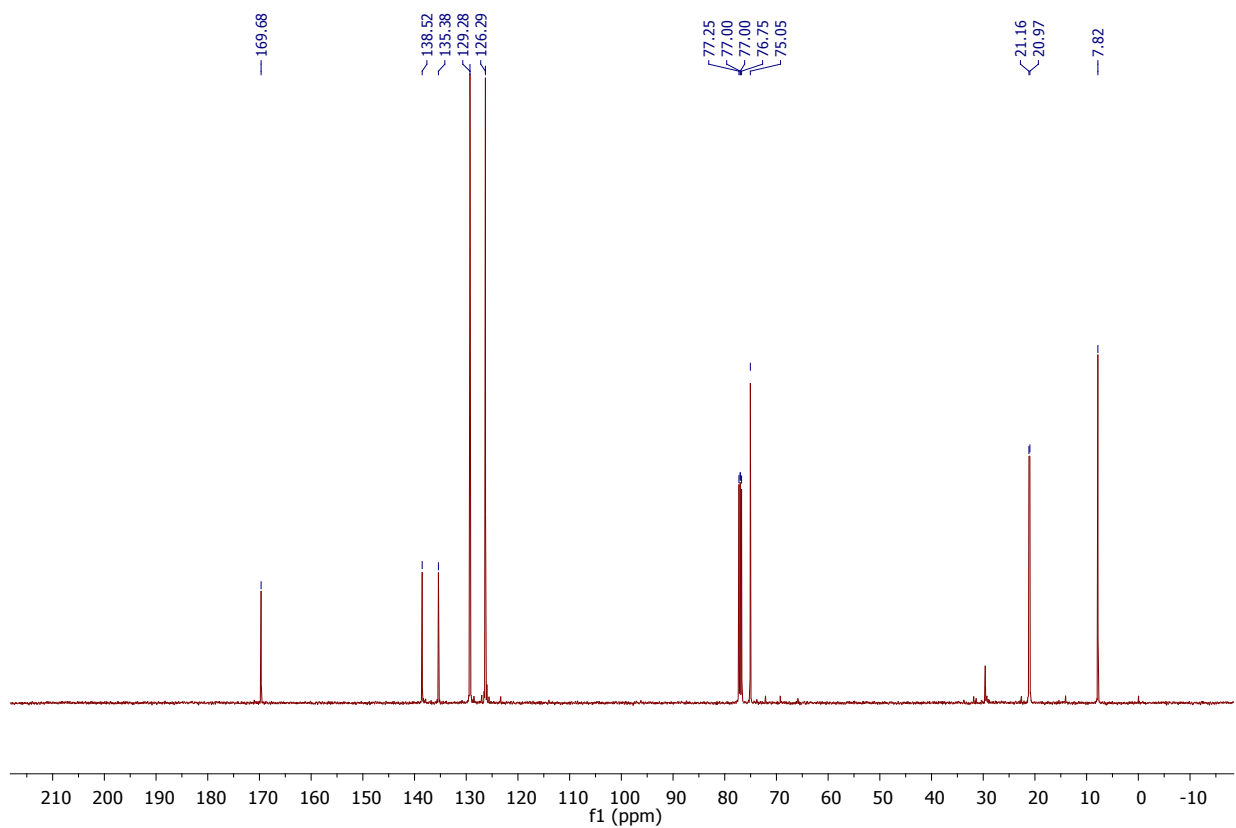
¹³C NMR Spectrum of compound **2c** in CDCl₃



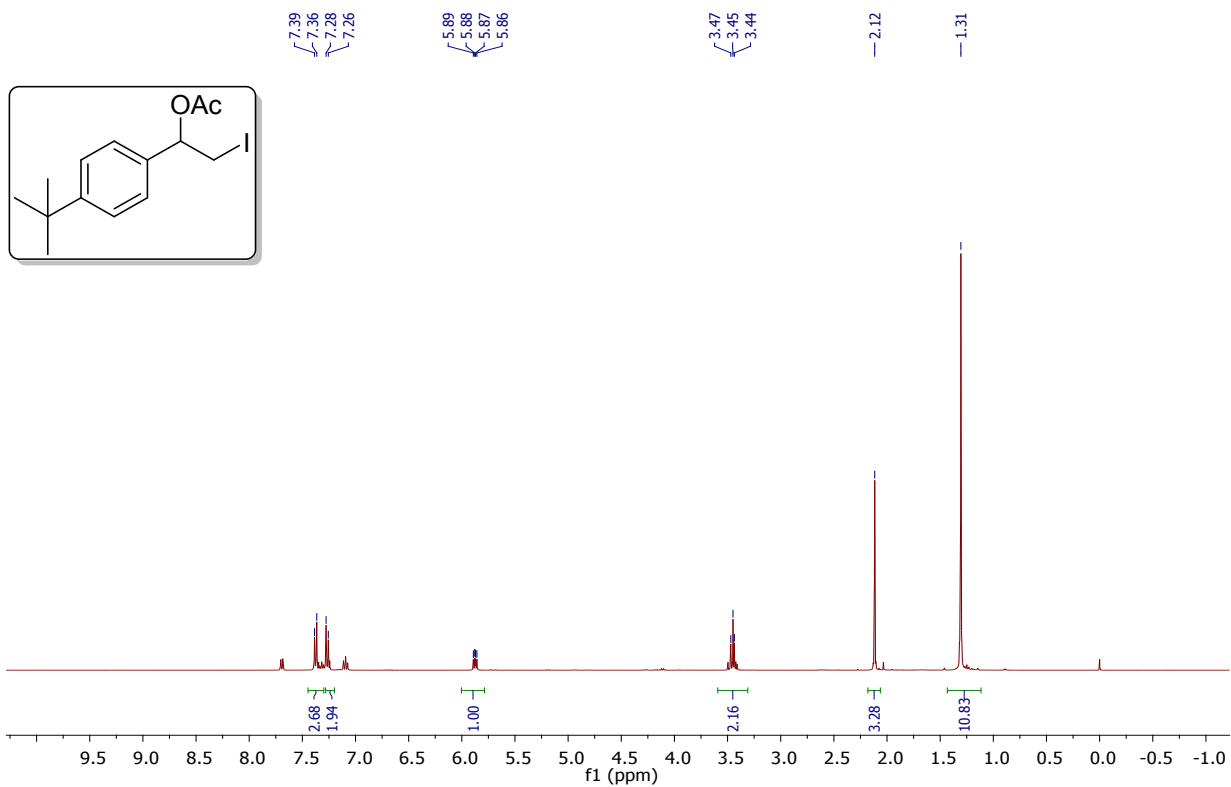
¹H NMR Spectrum of compound **2d** in CDCl₃



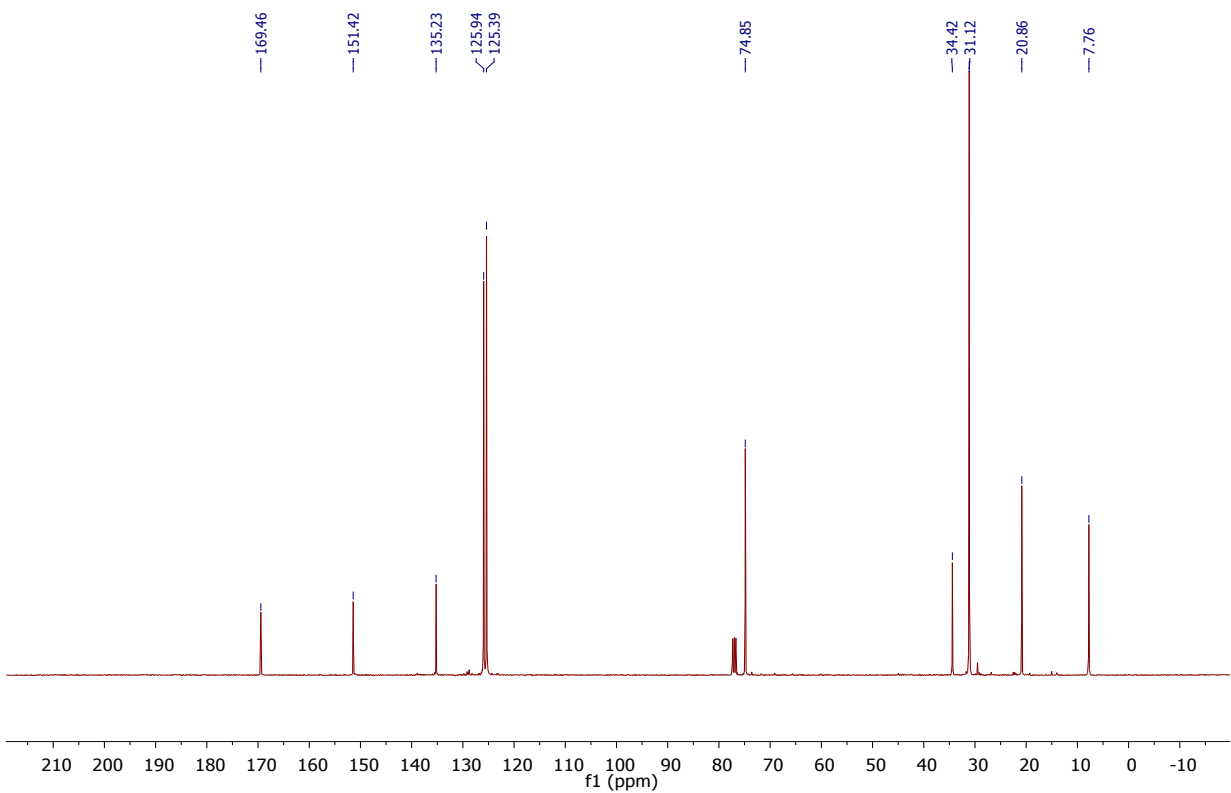
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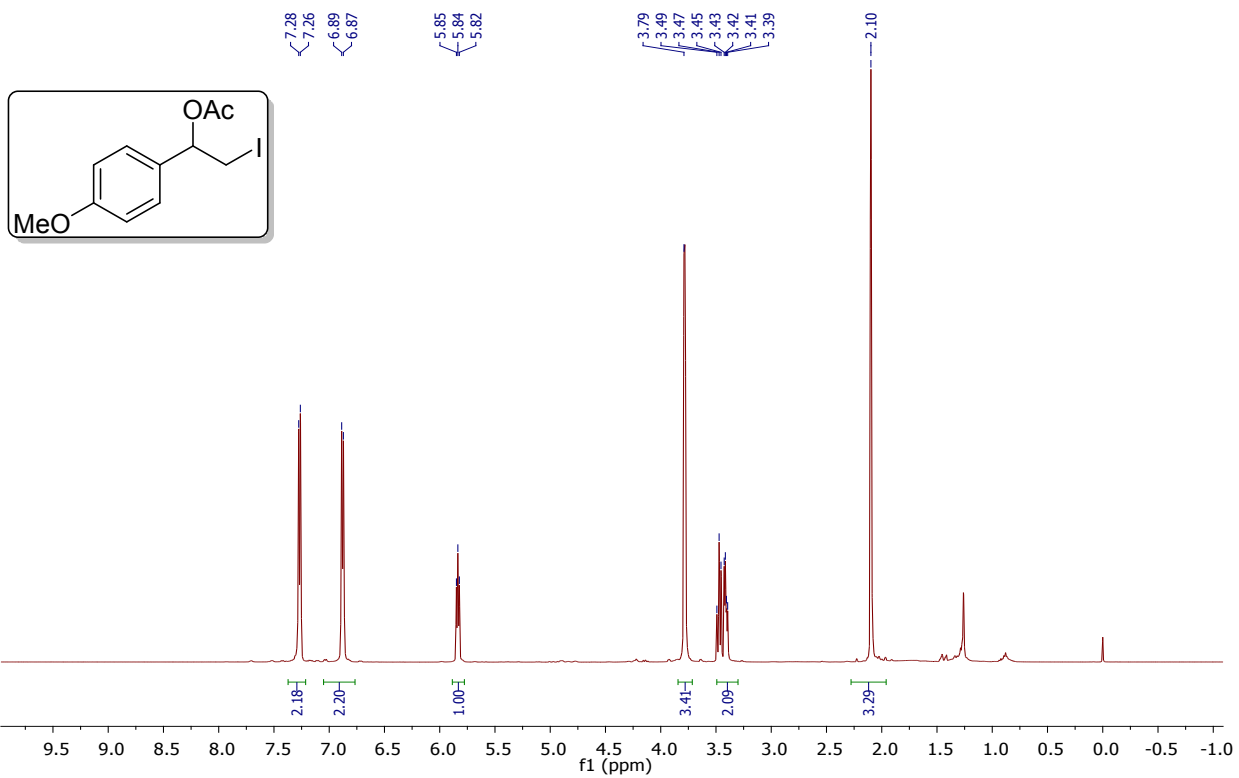
¹H NMR Spectrum of compound **2e** in CDCl₃



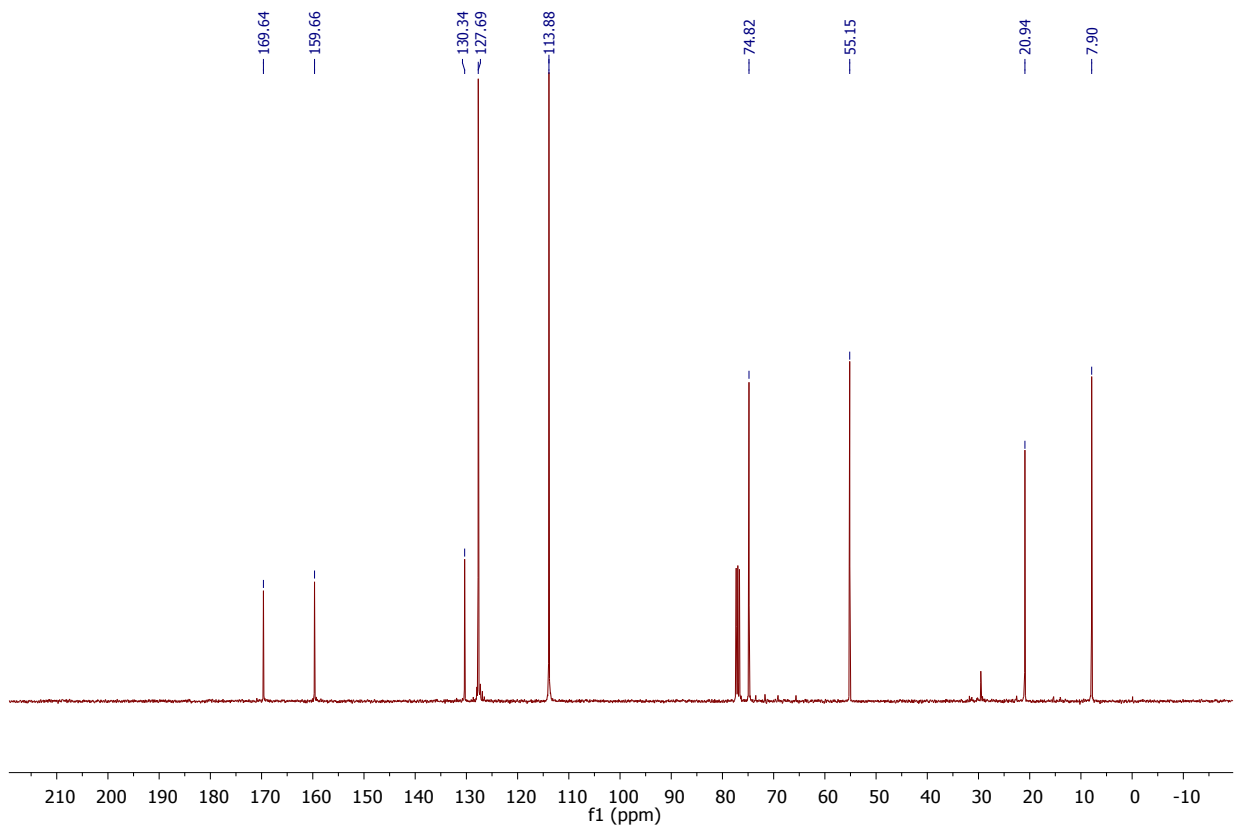
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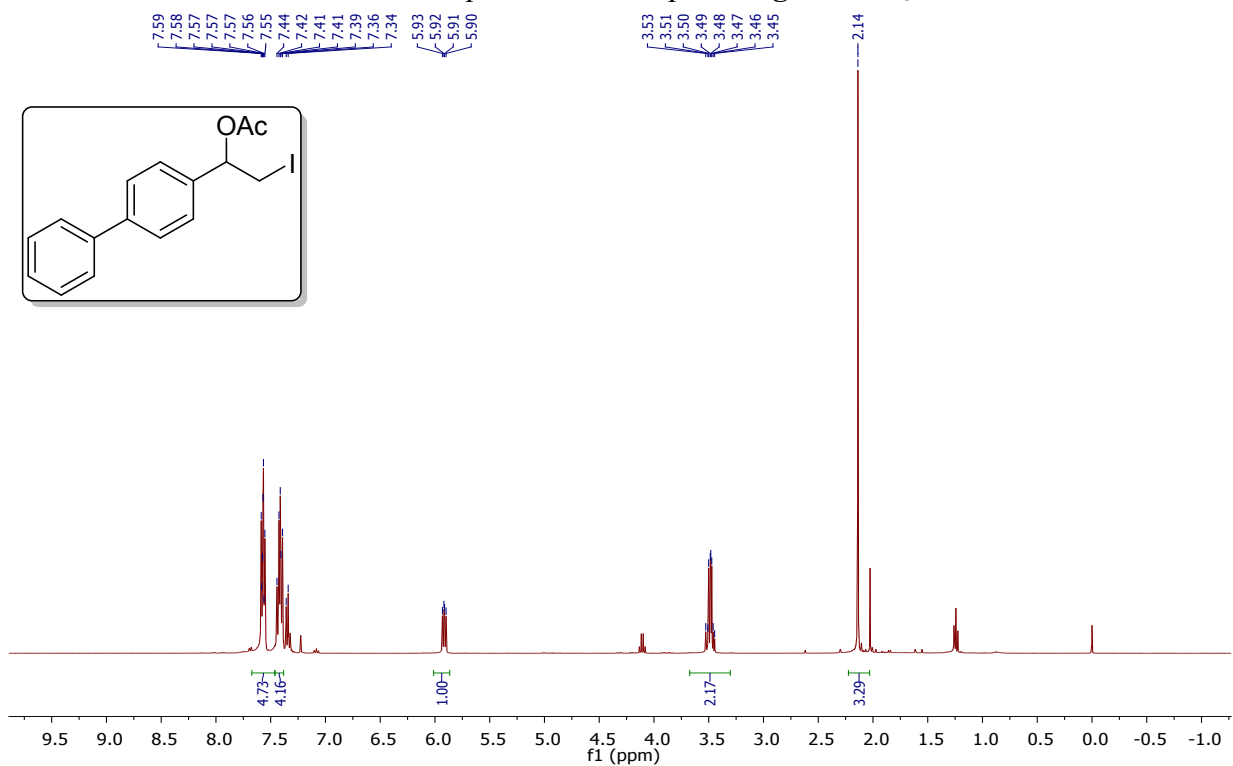
¹H NMR Spectrum of compound **2f** in CDCl₃



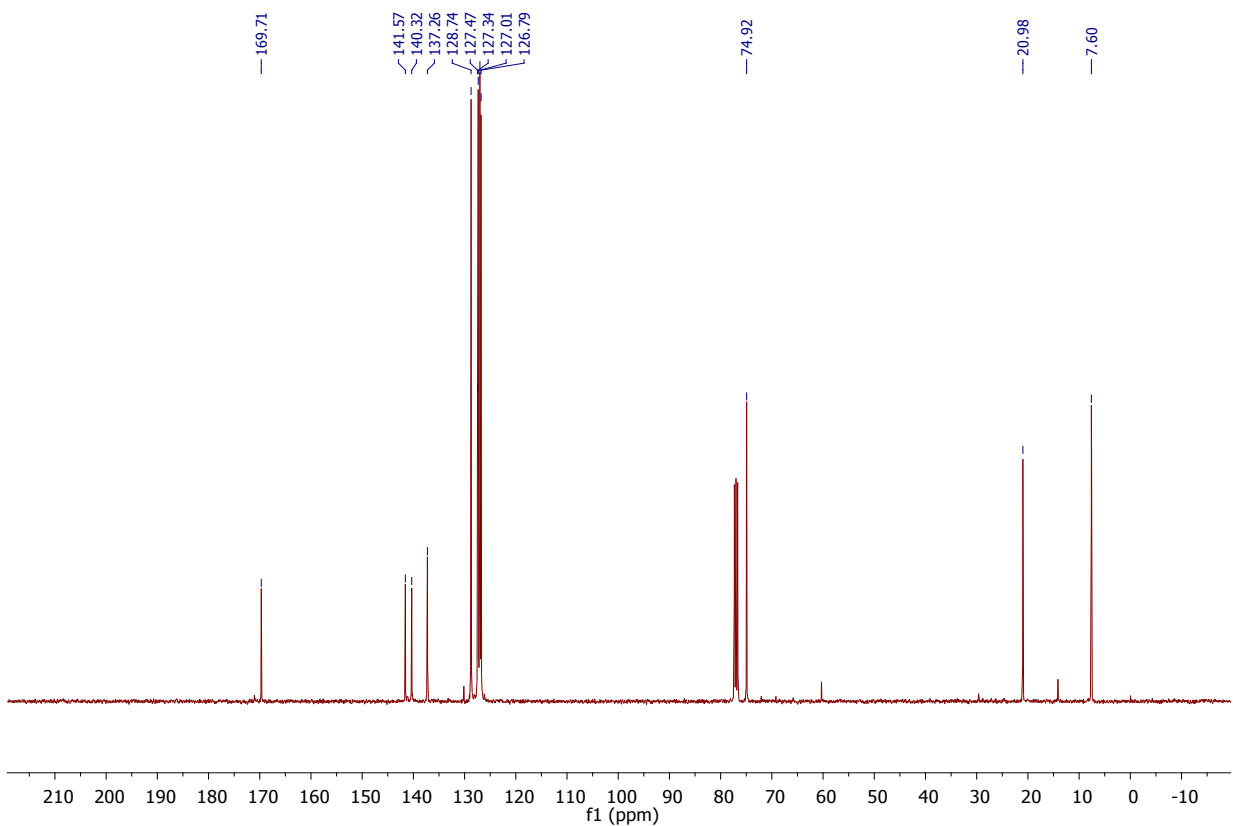
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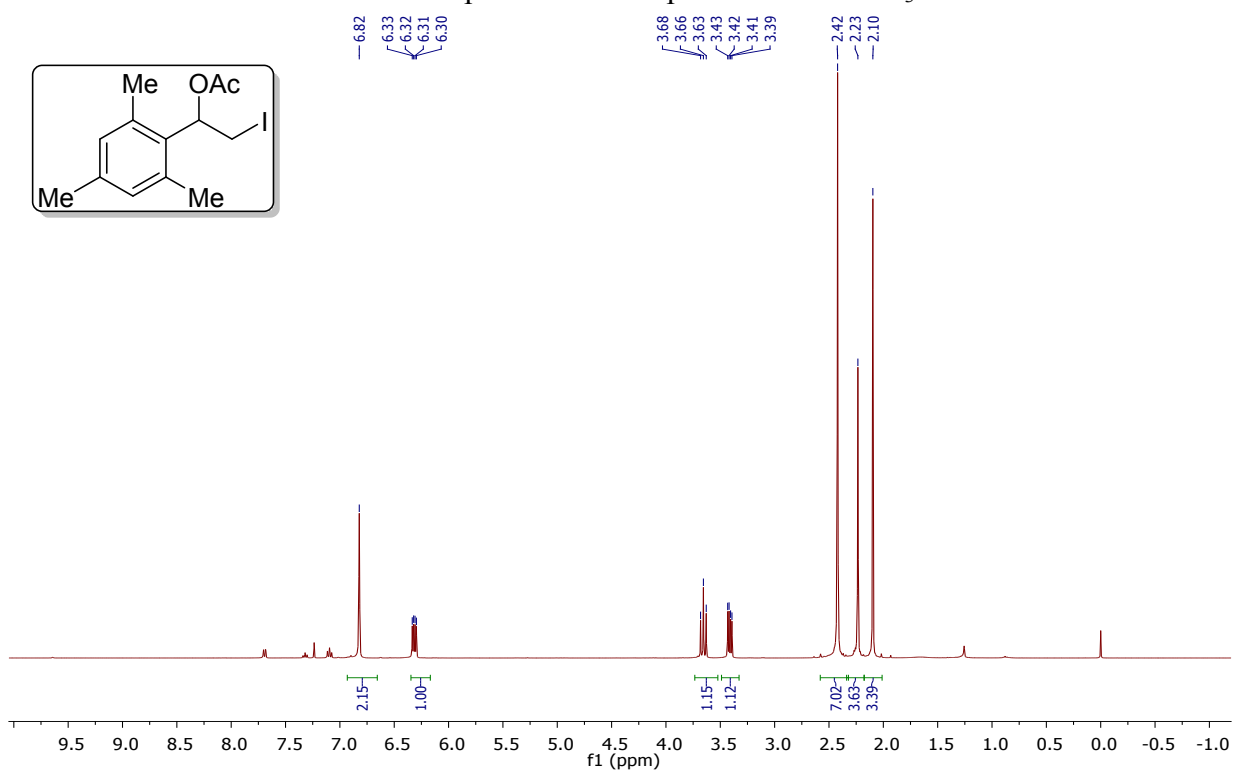
¹H NMR Spectrum of compound **2g** in CDCl₃



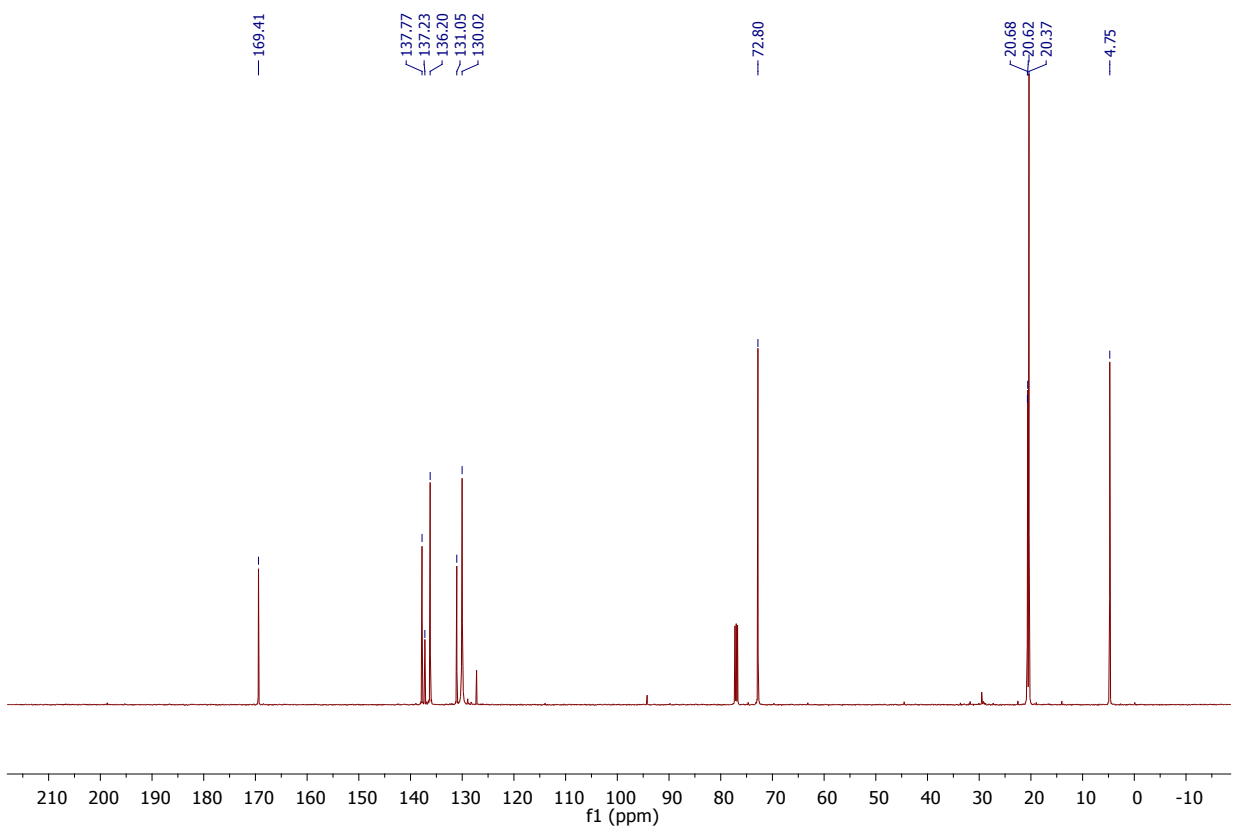
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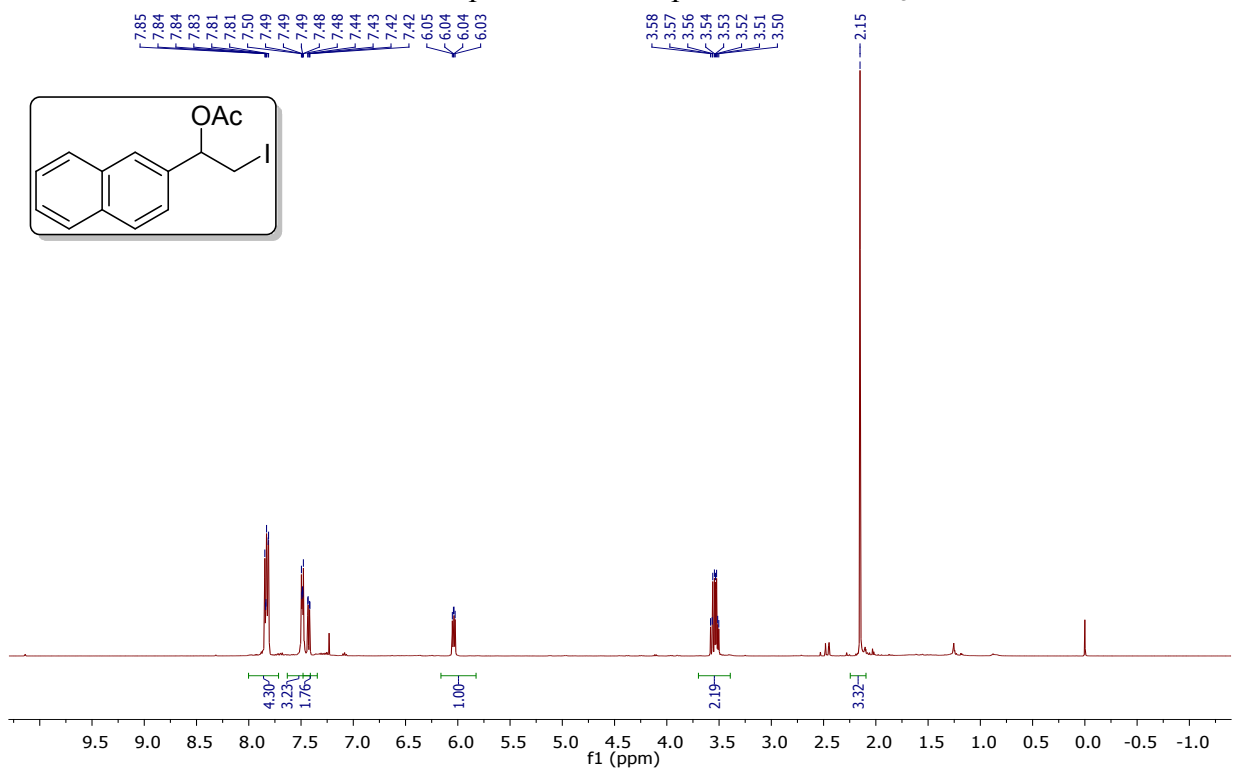
¹H NMR Spectrum of compound **2h** in CDCl₃



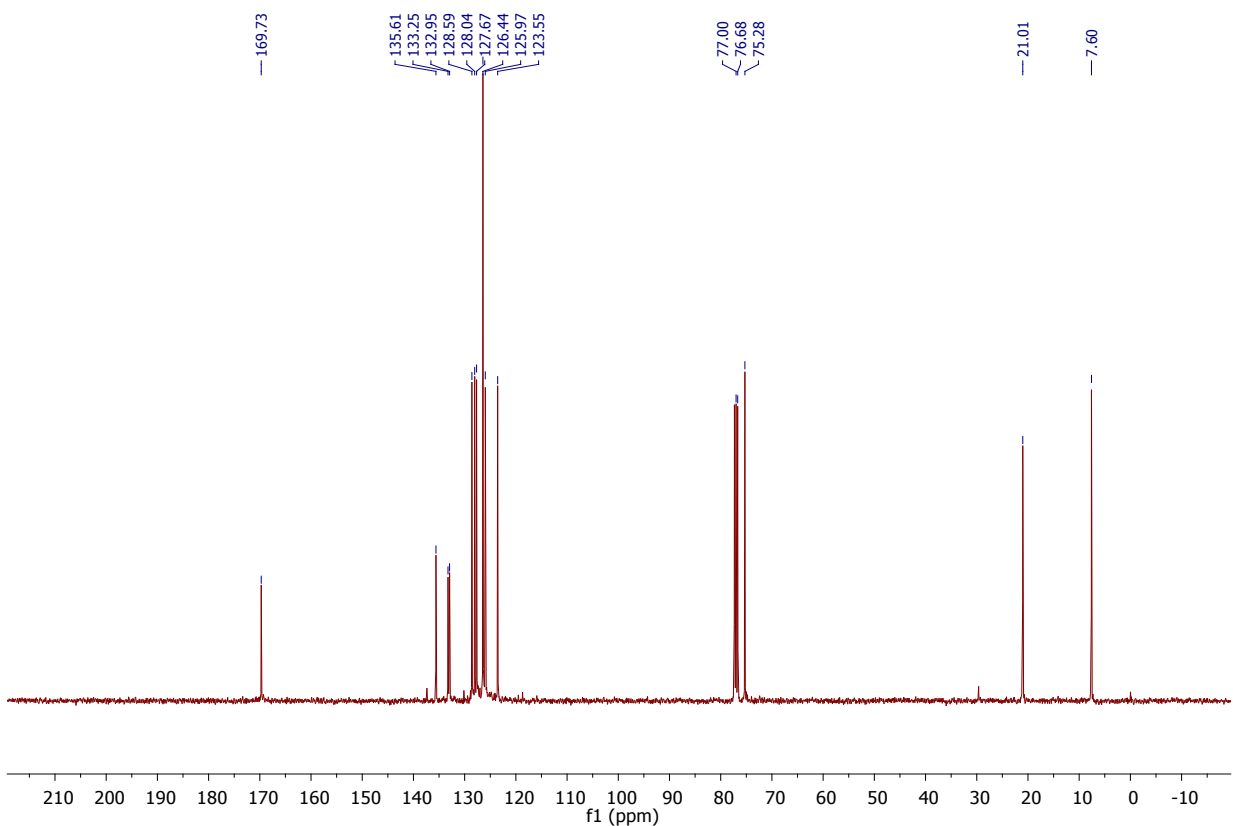
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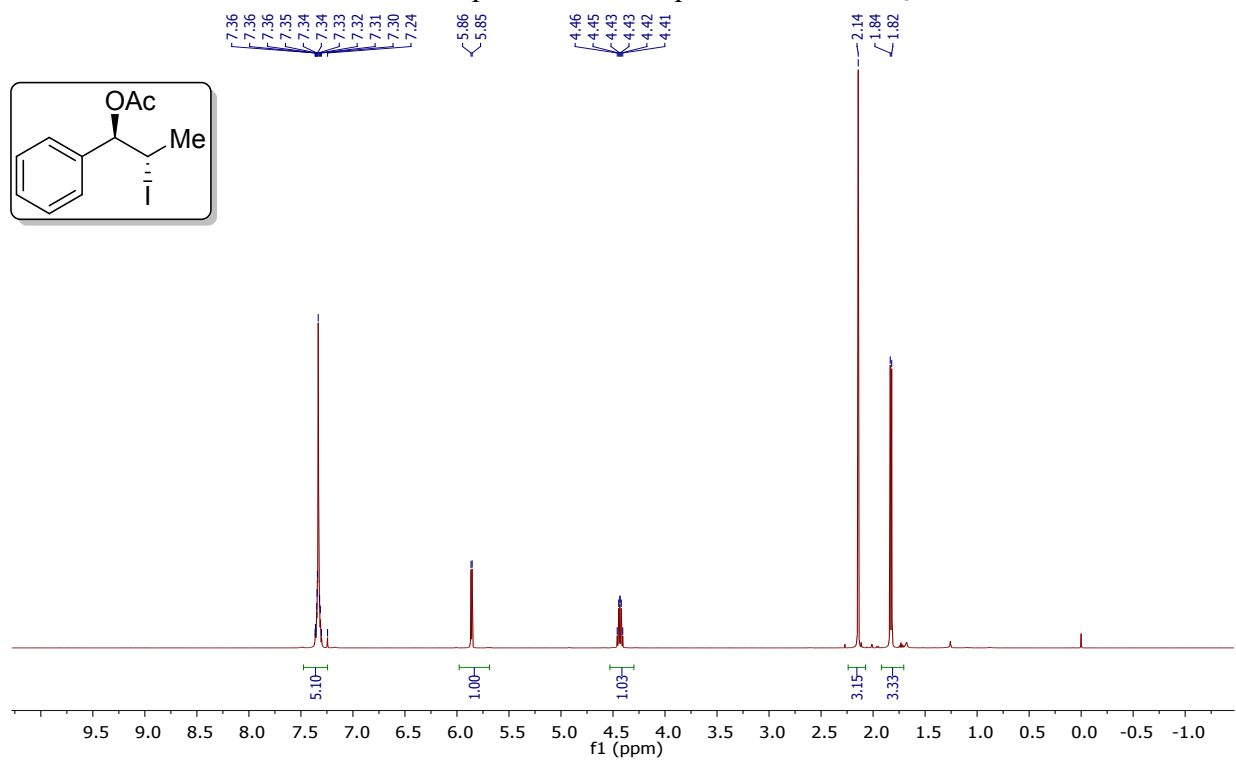
¹H NMR Spectrum of compound **2i** in CDCl₃



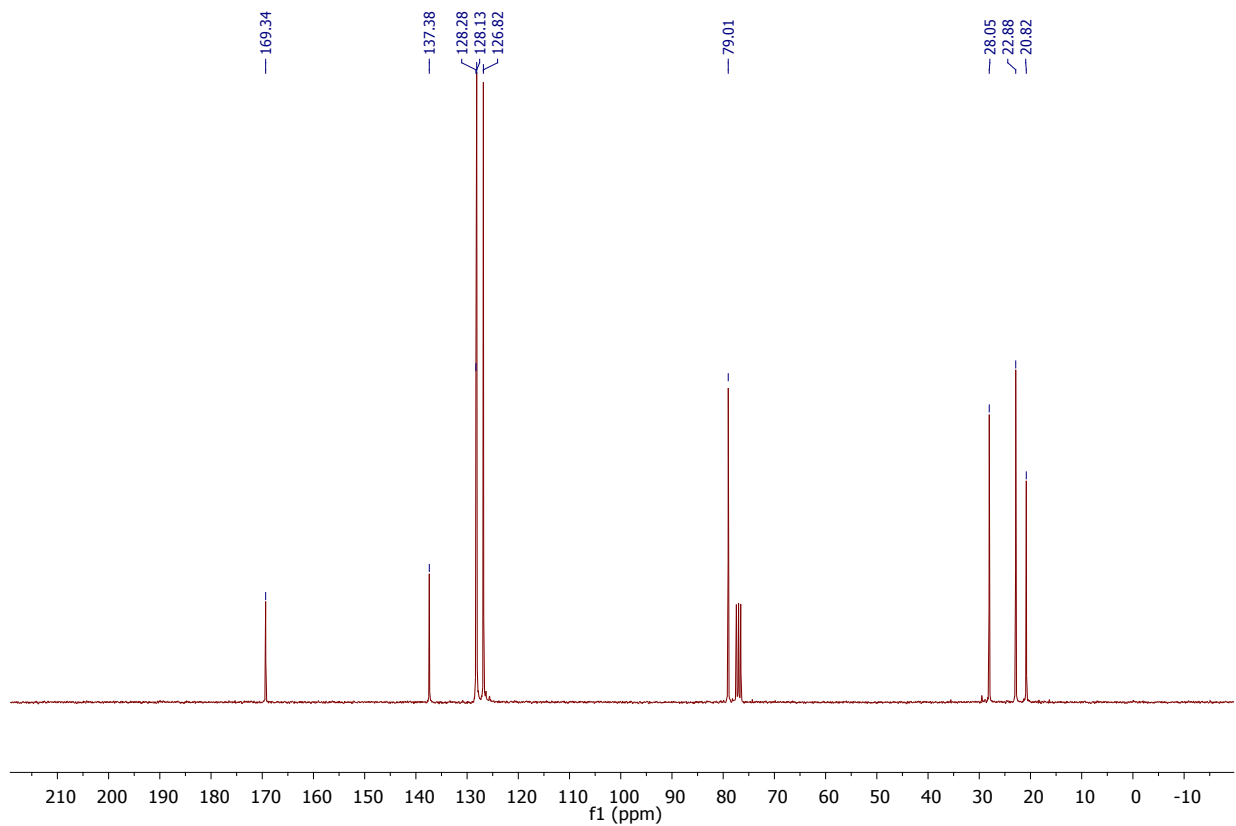
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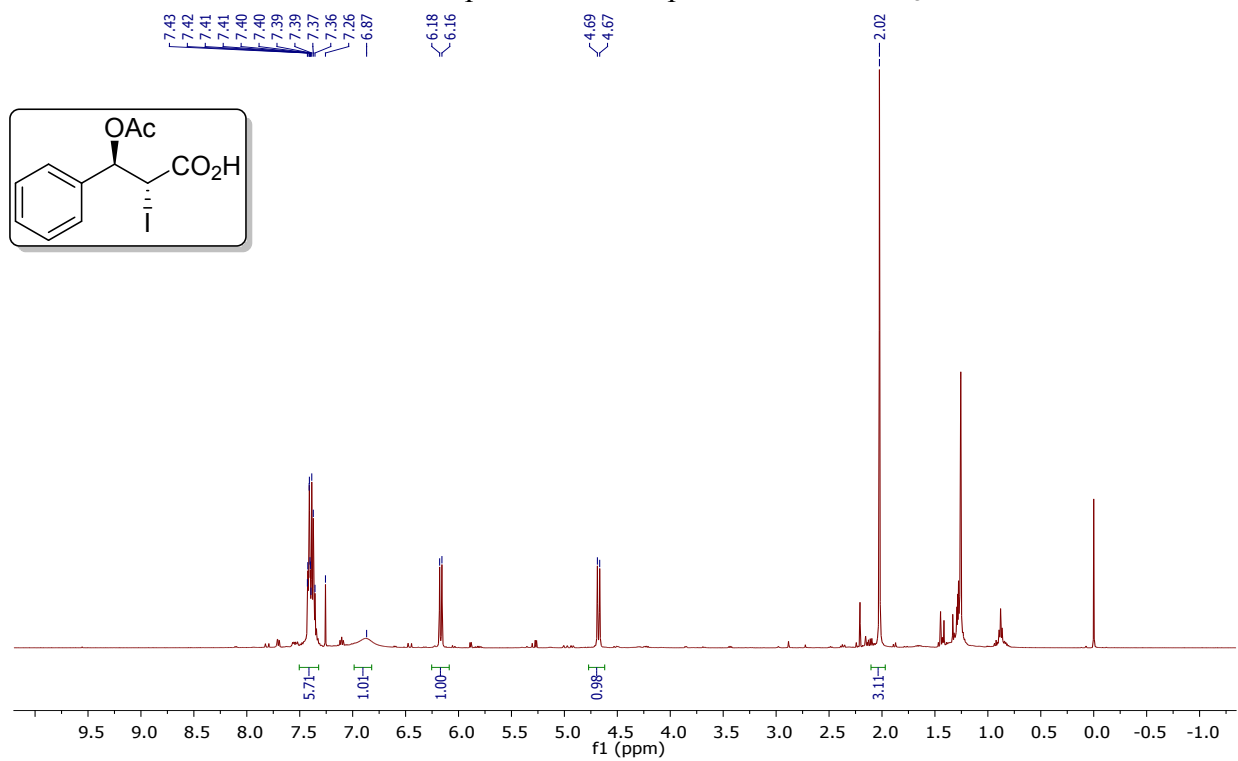
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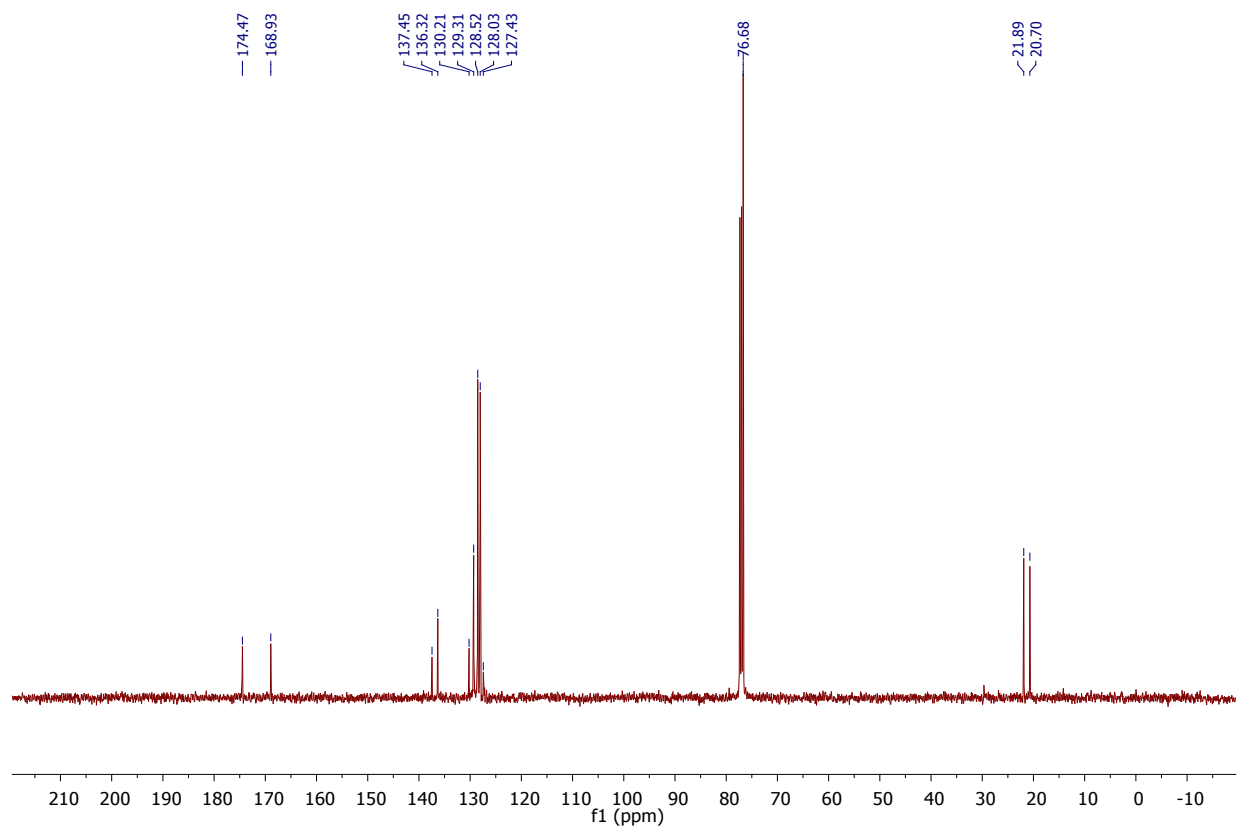
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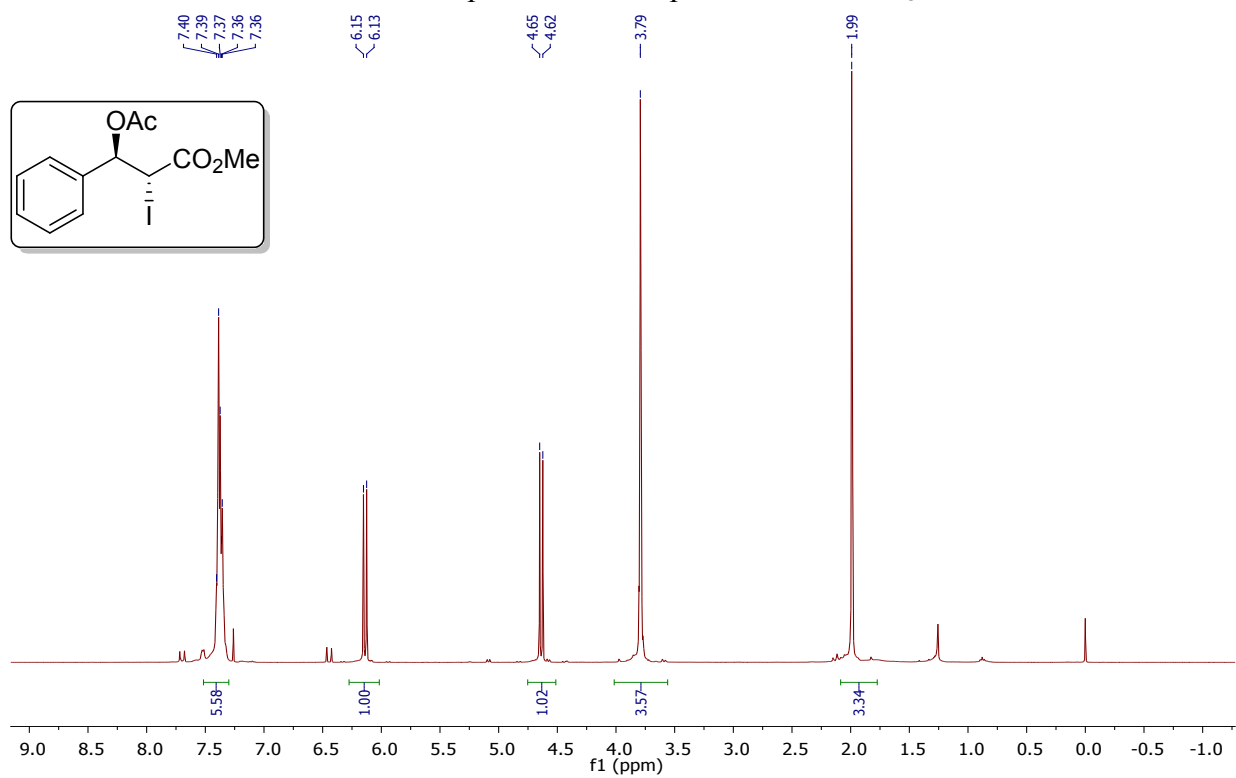
¹H NMR Spectrum of compound **2m** in CDCl₃



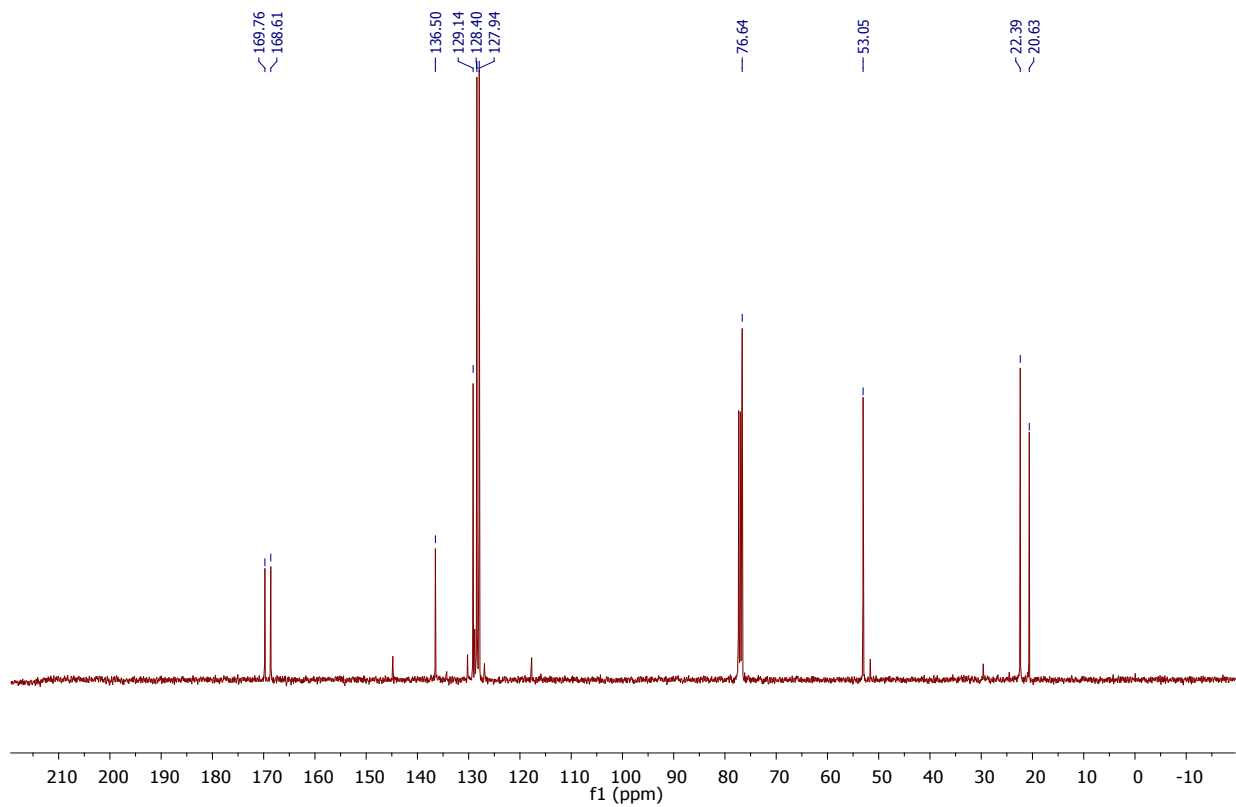
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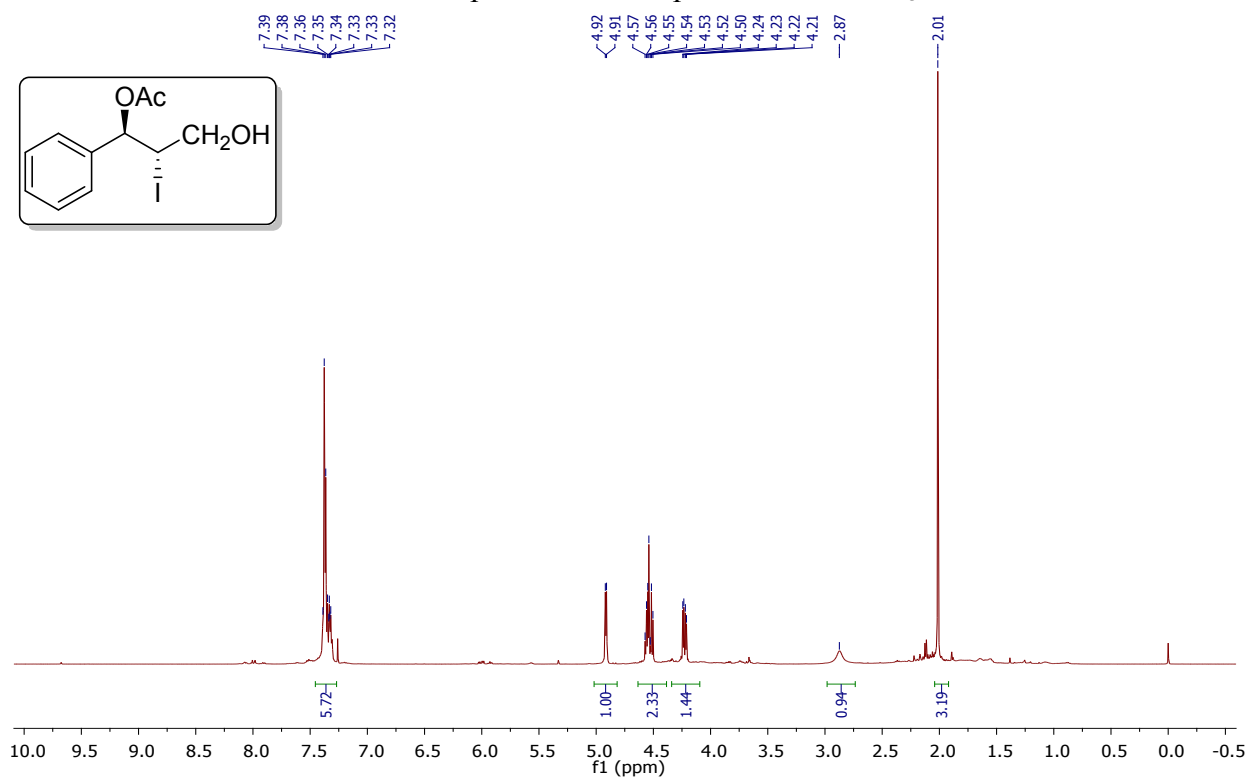
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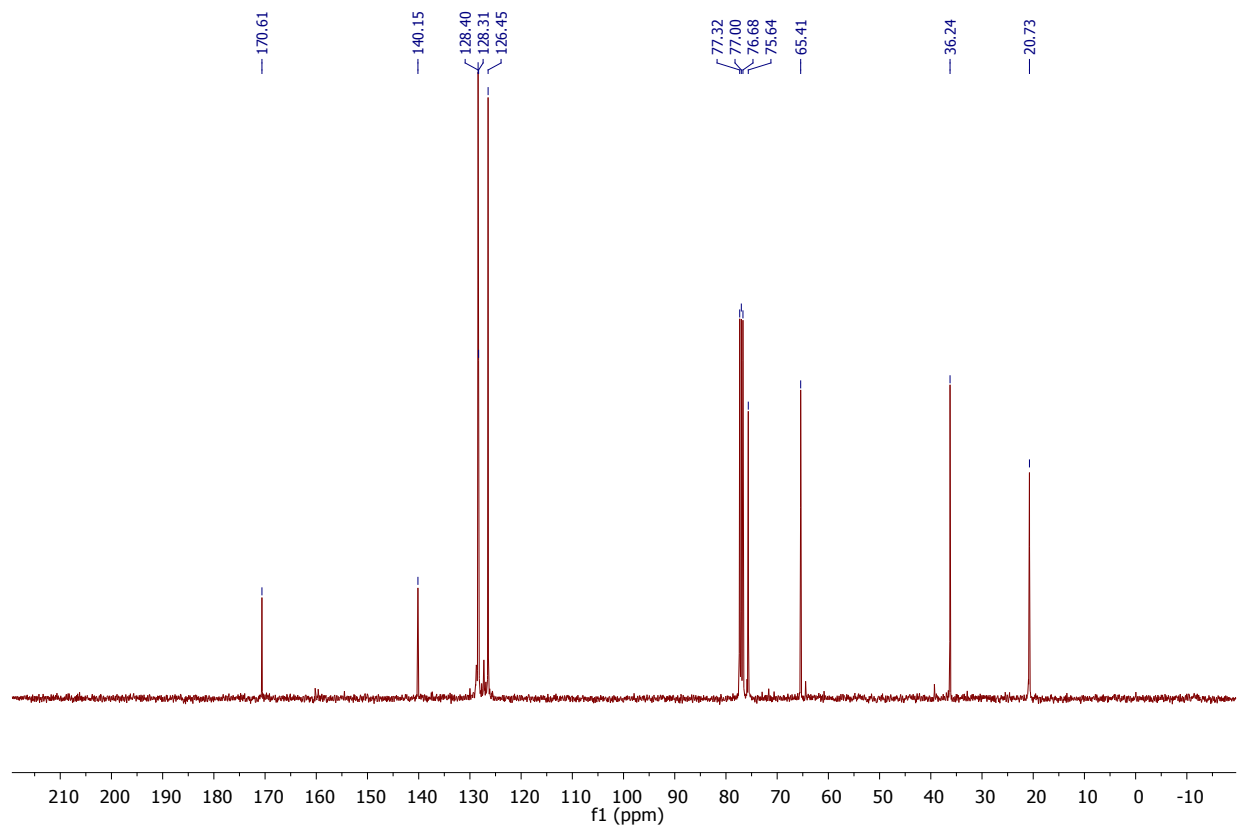
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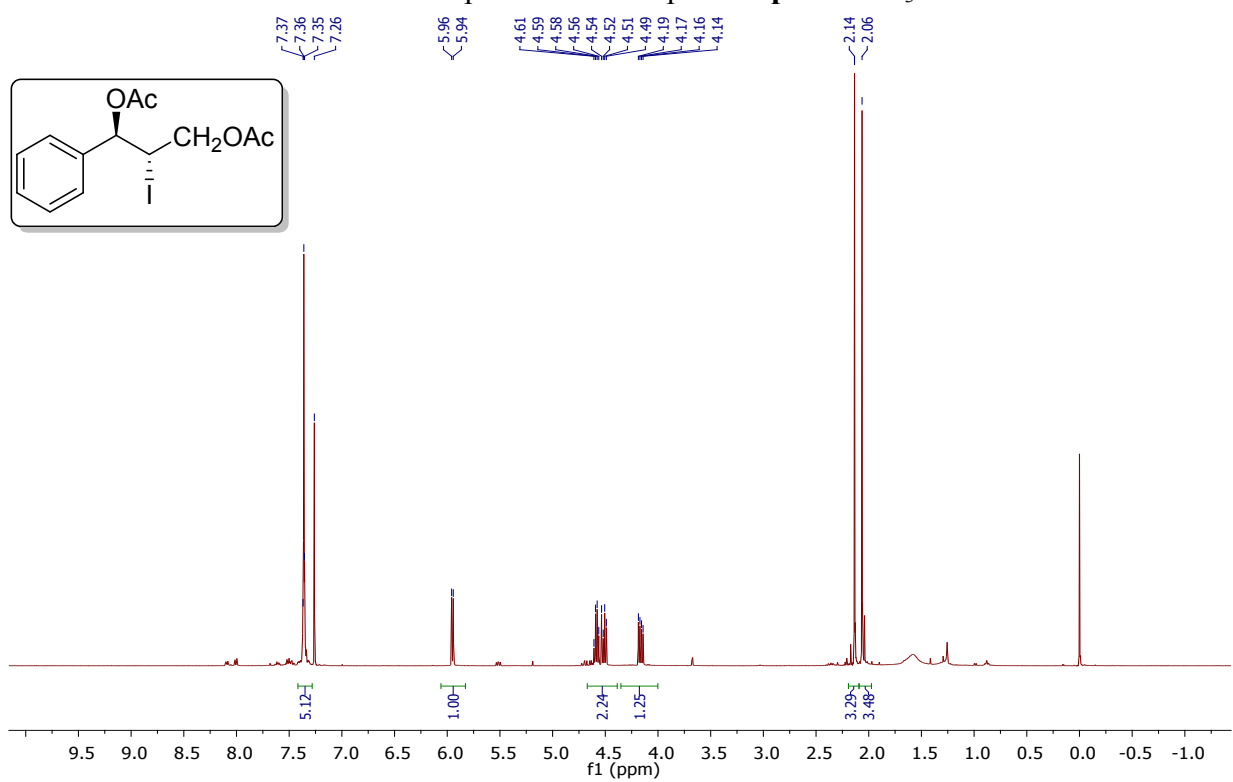
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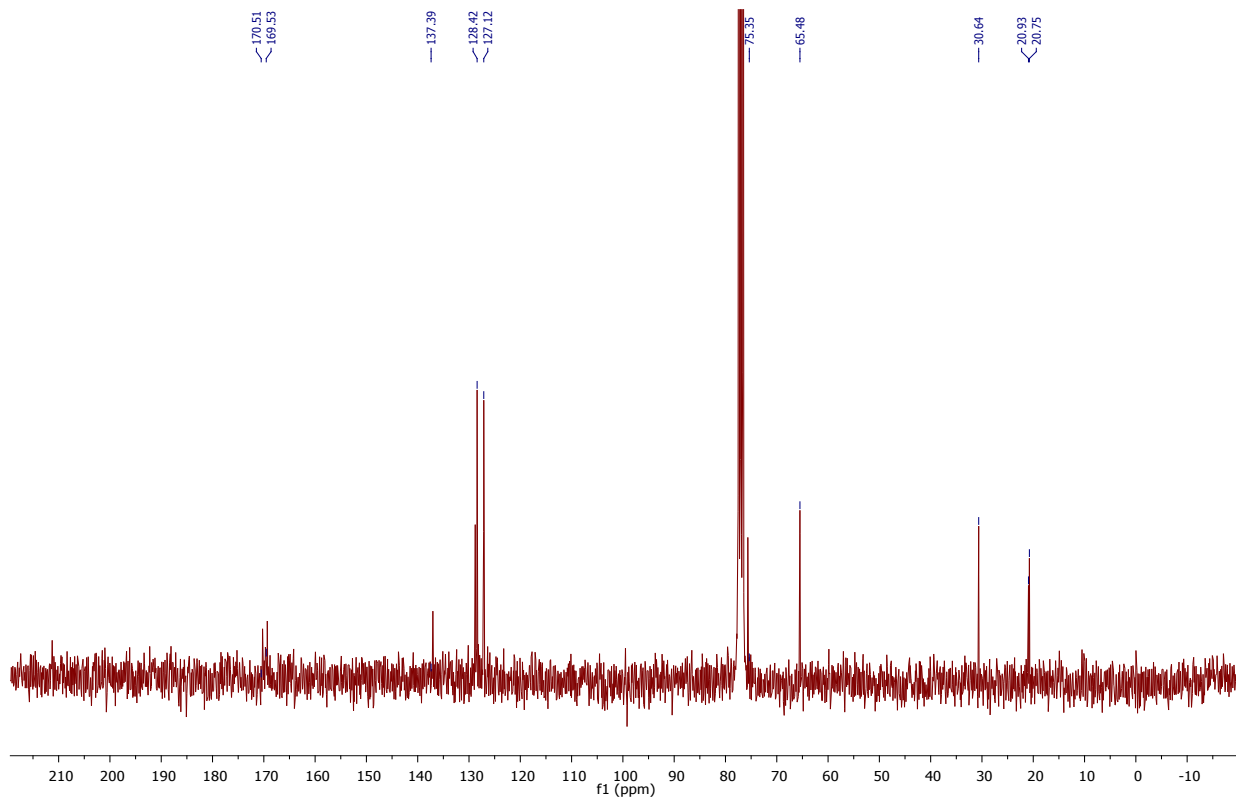
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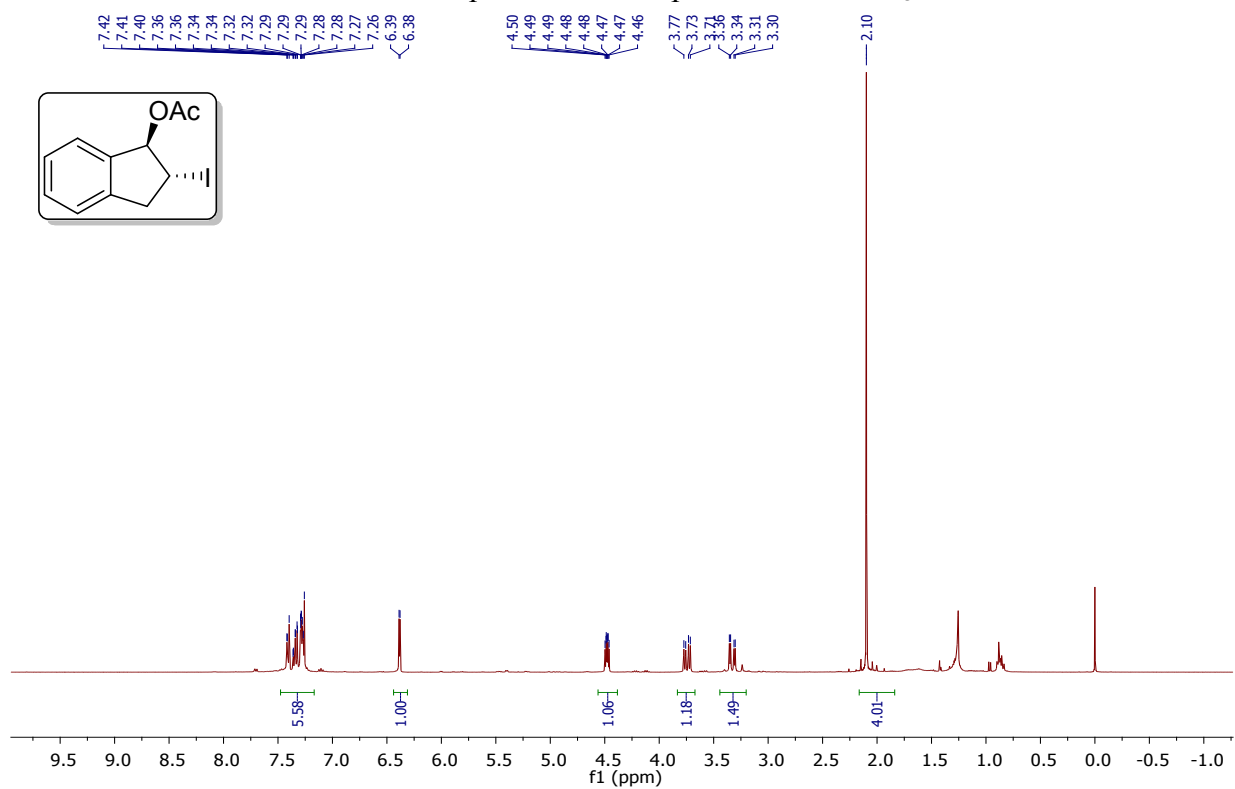
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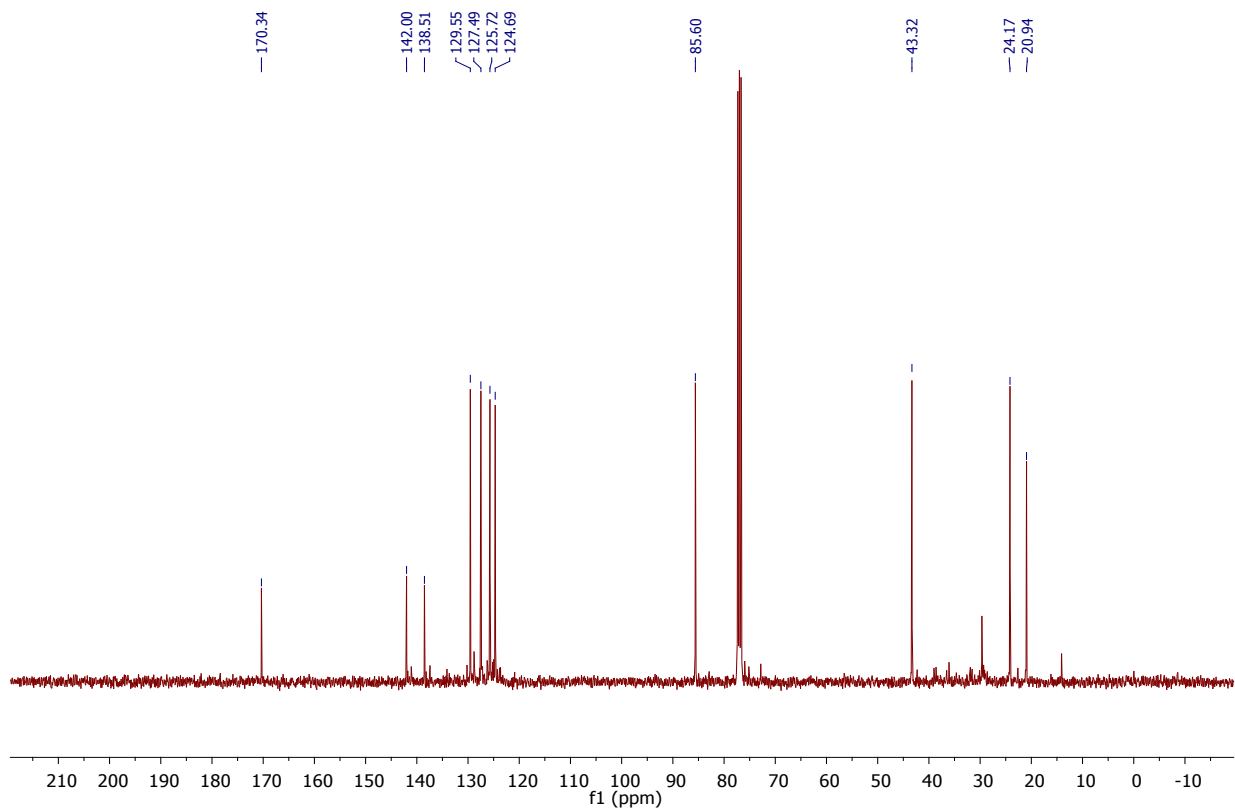
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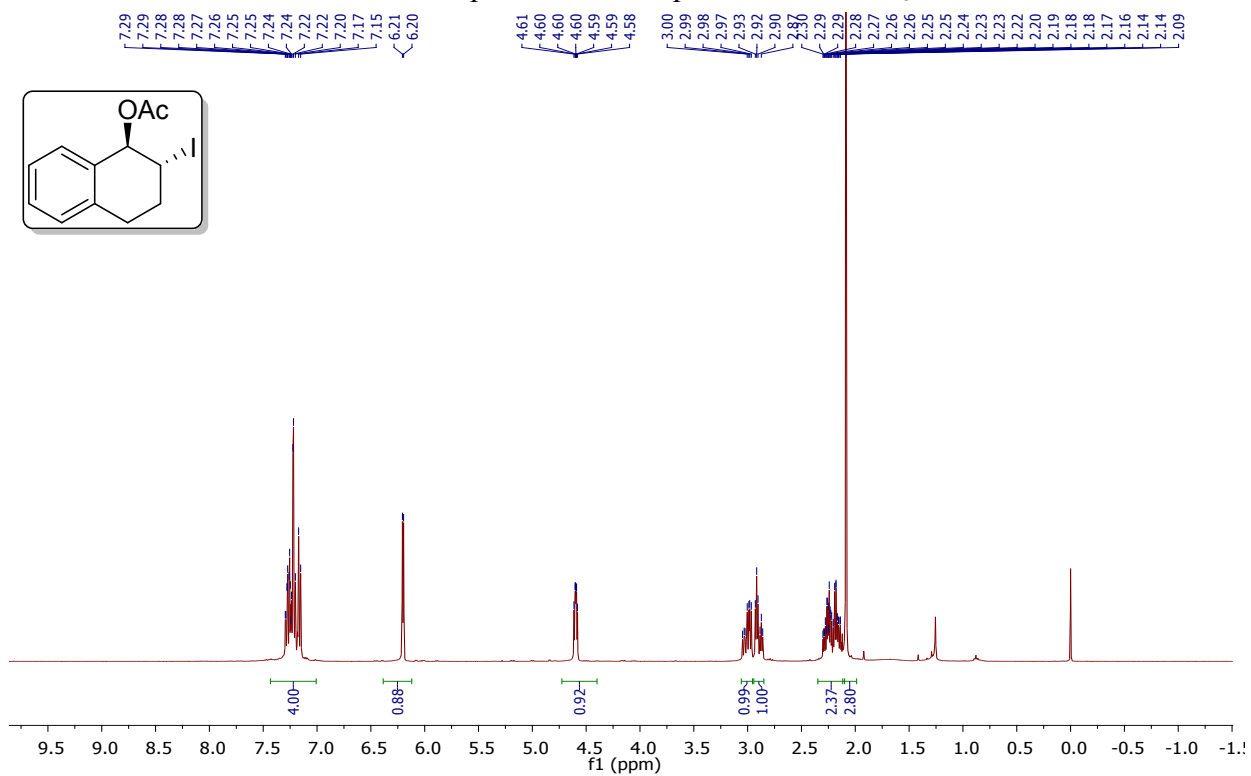
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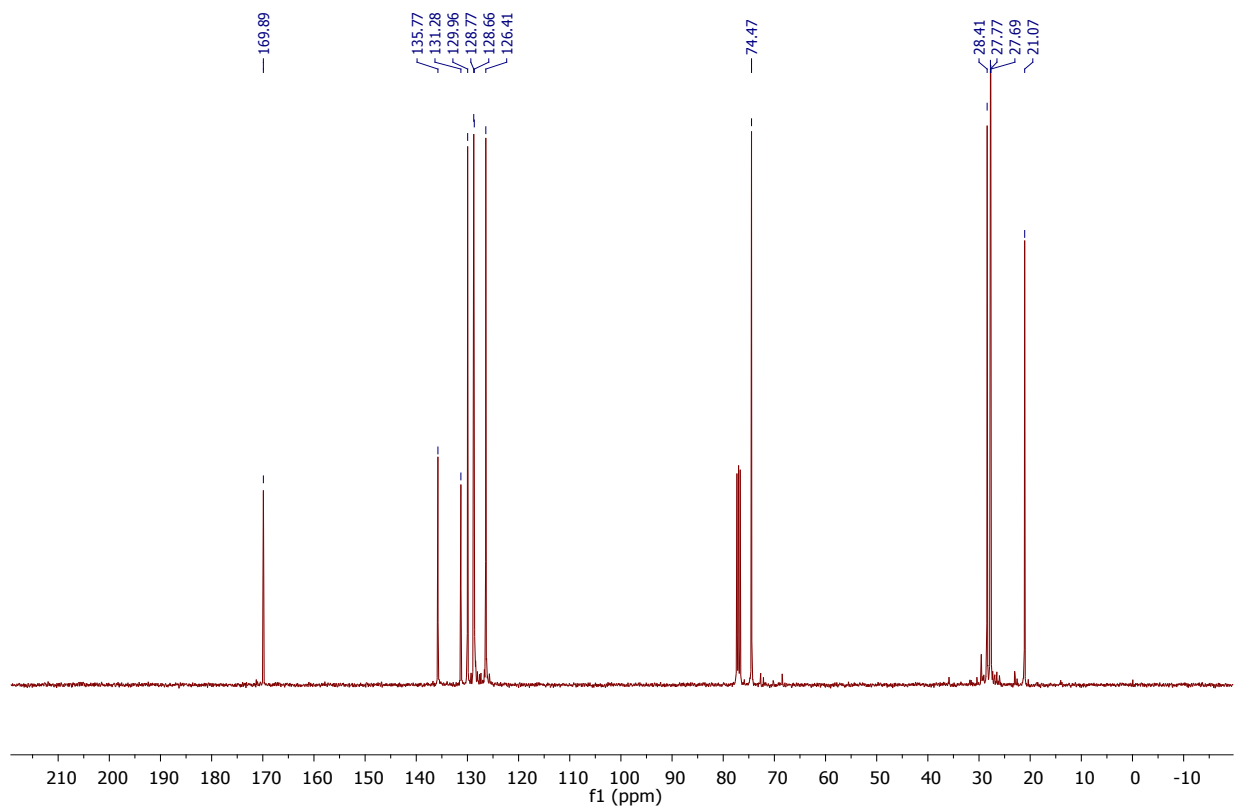
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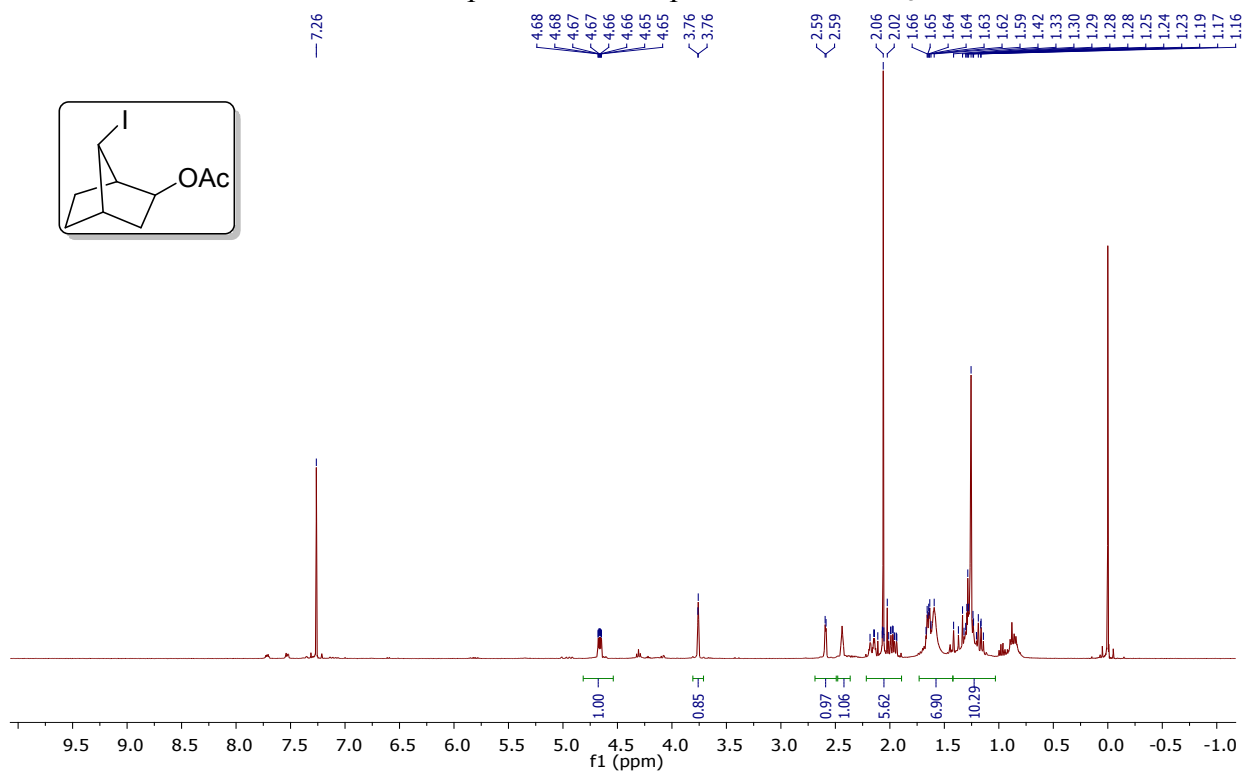
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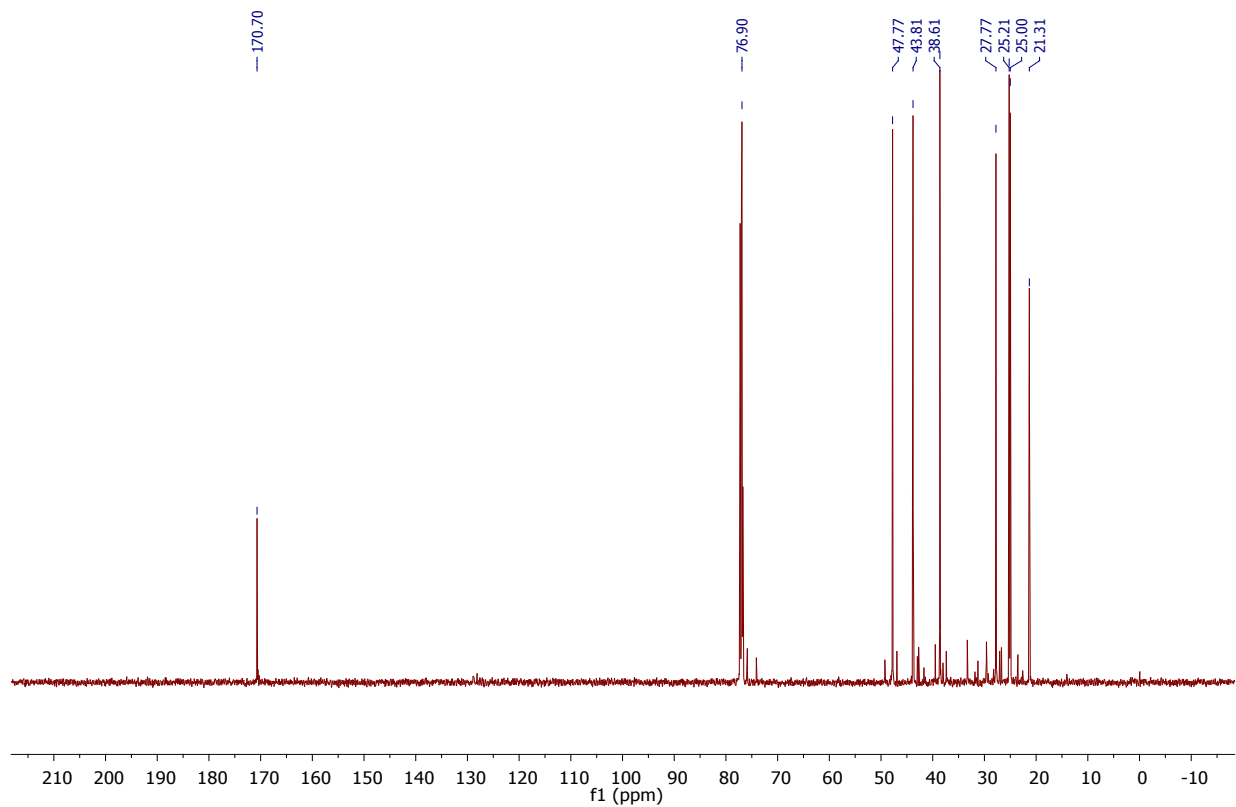
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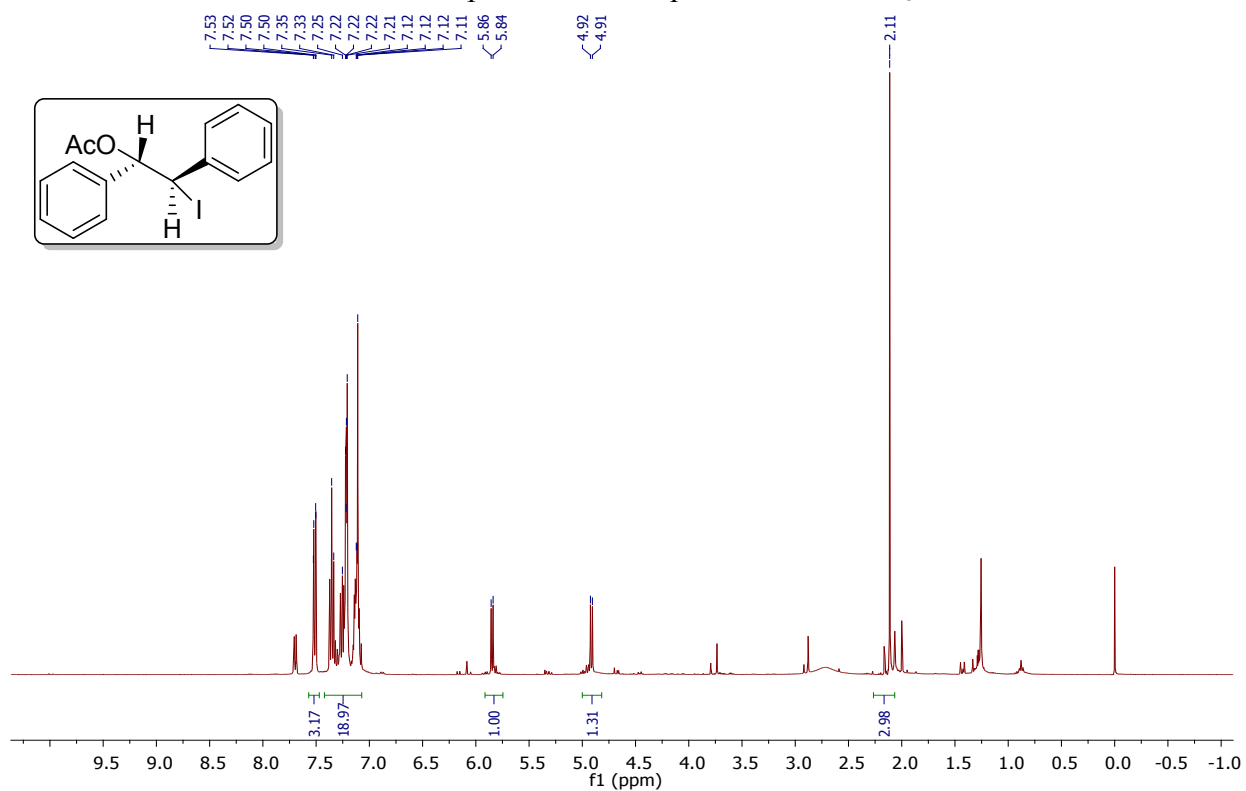
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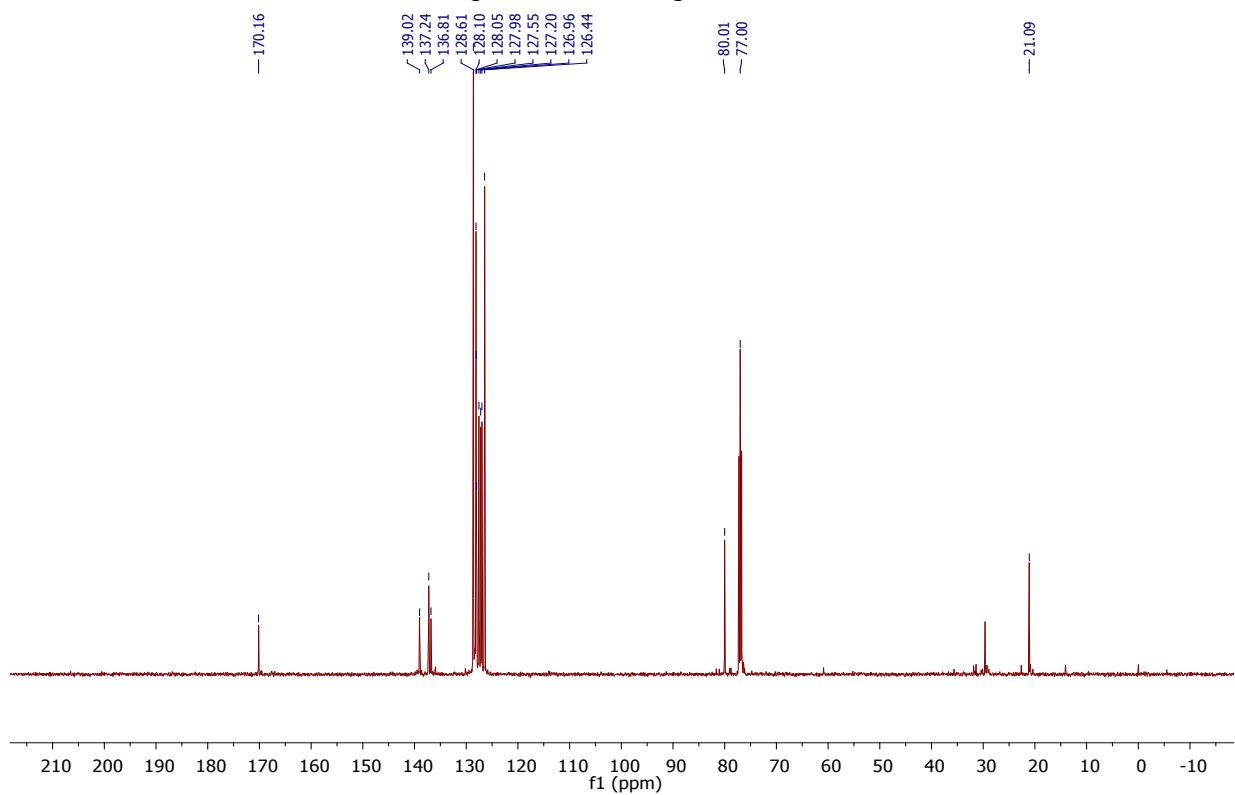
¹³C NMR Spectrum of compound **2u** in CDCl₃



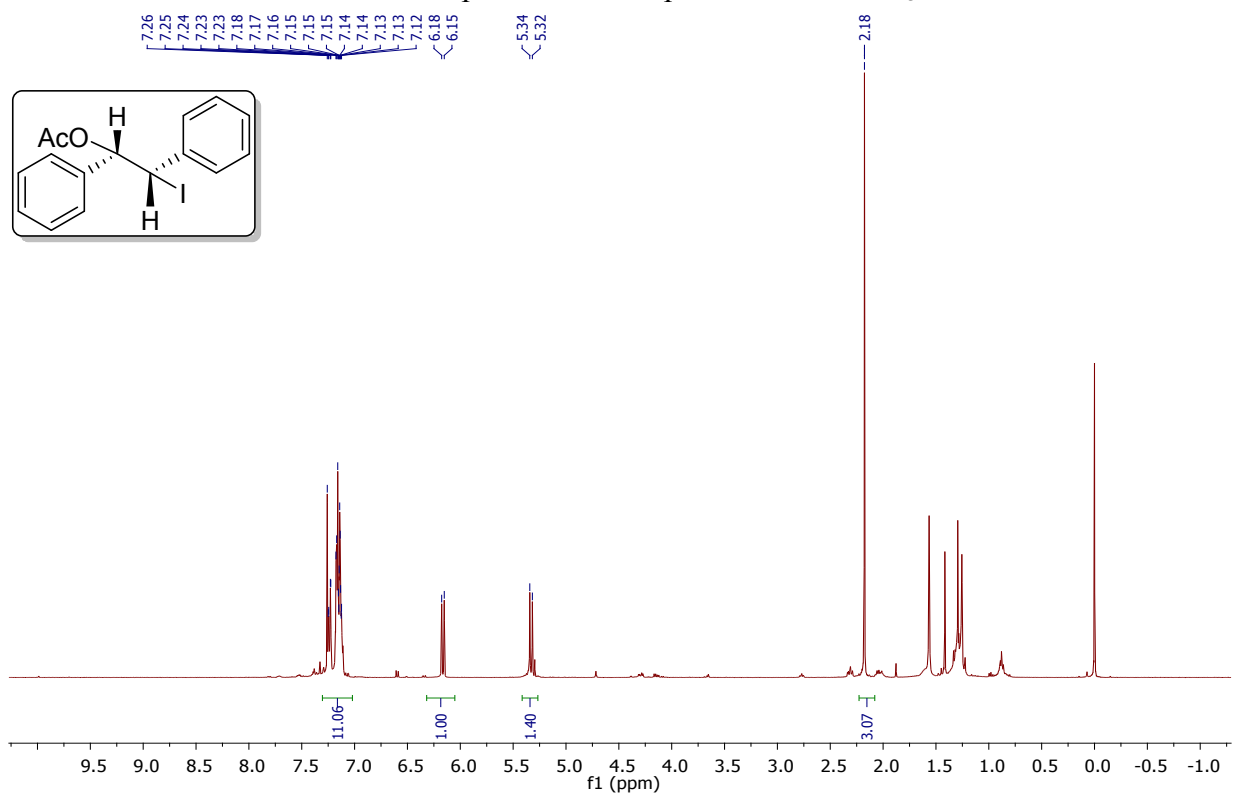
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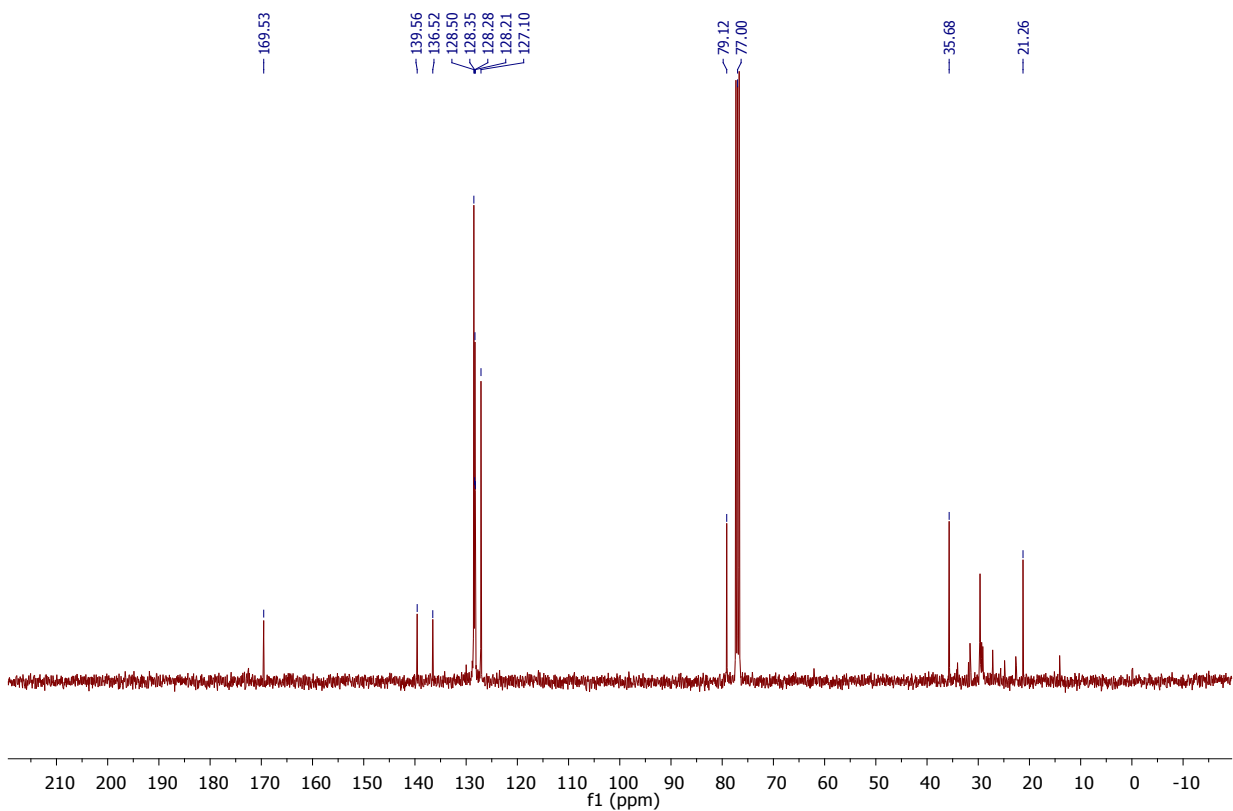
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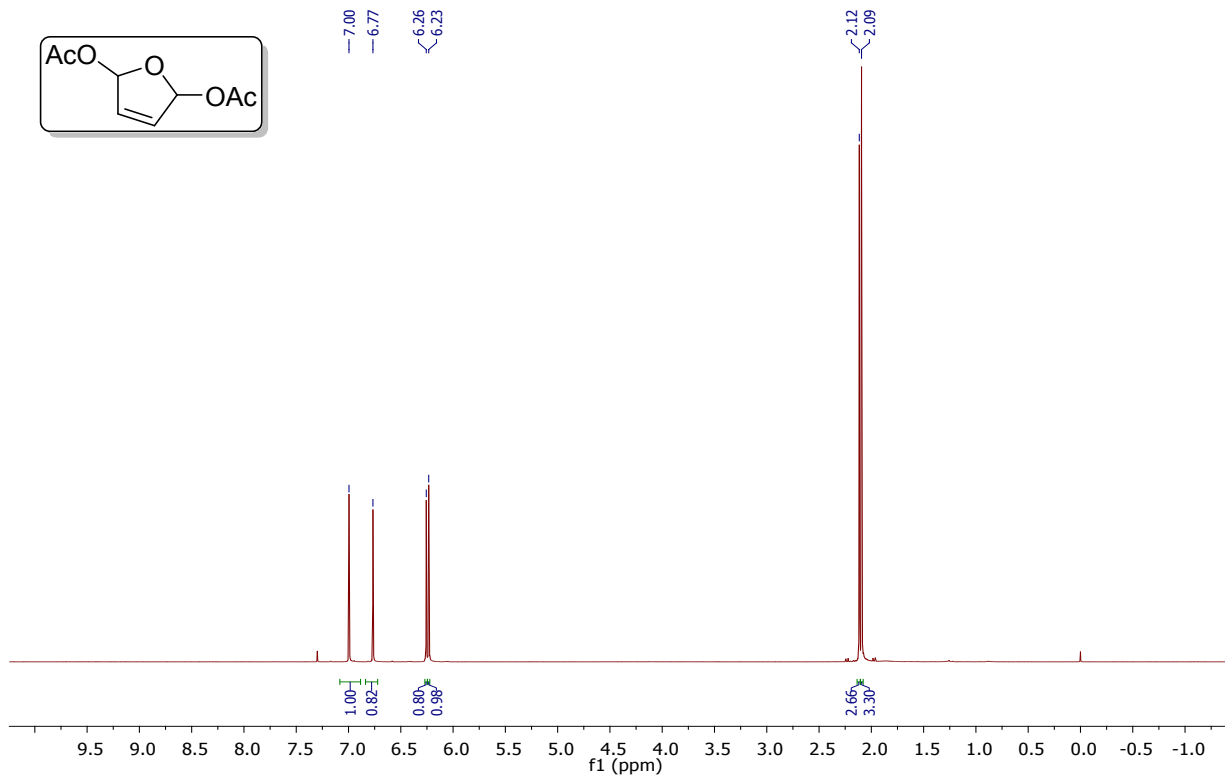
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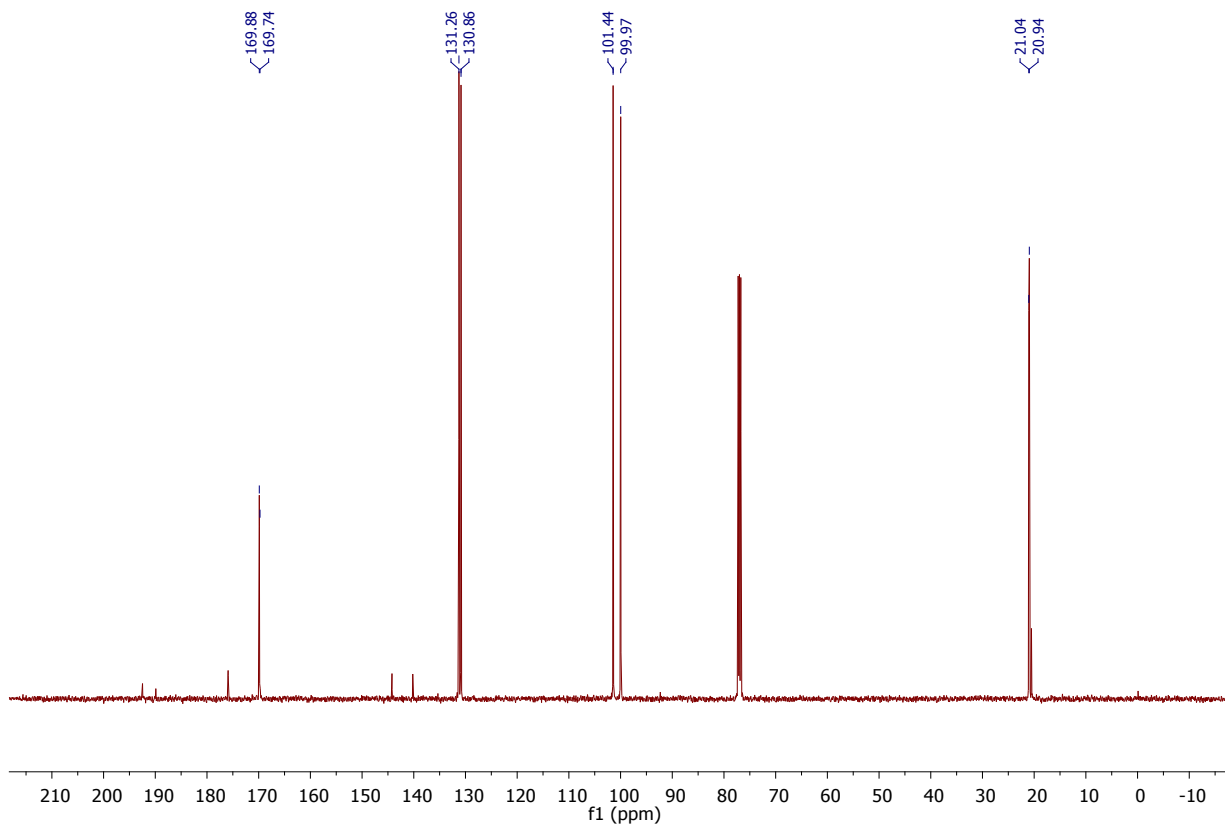
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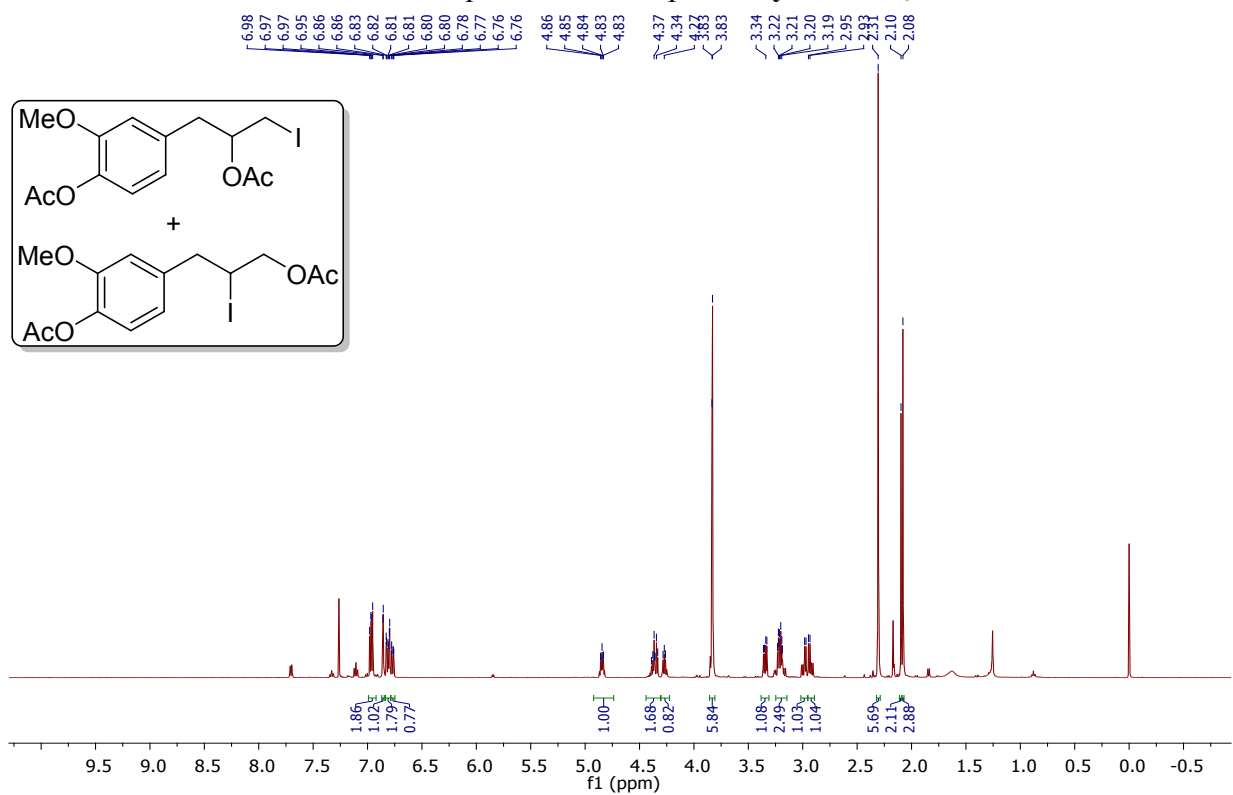
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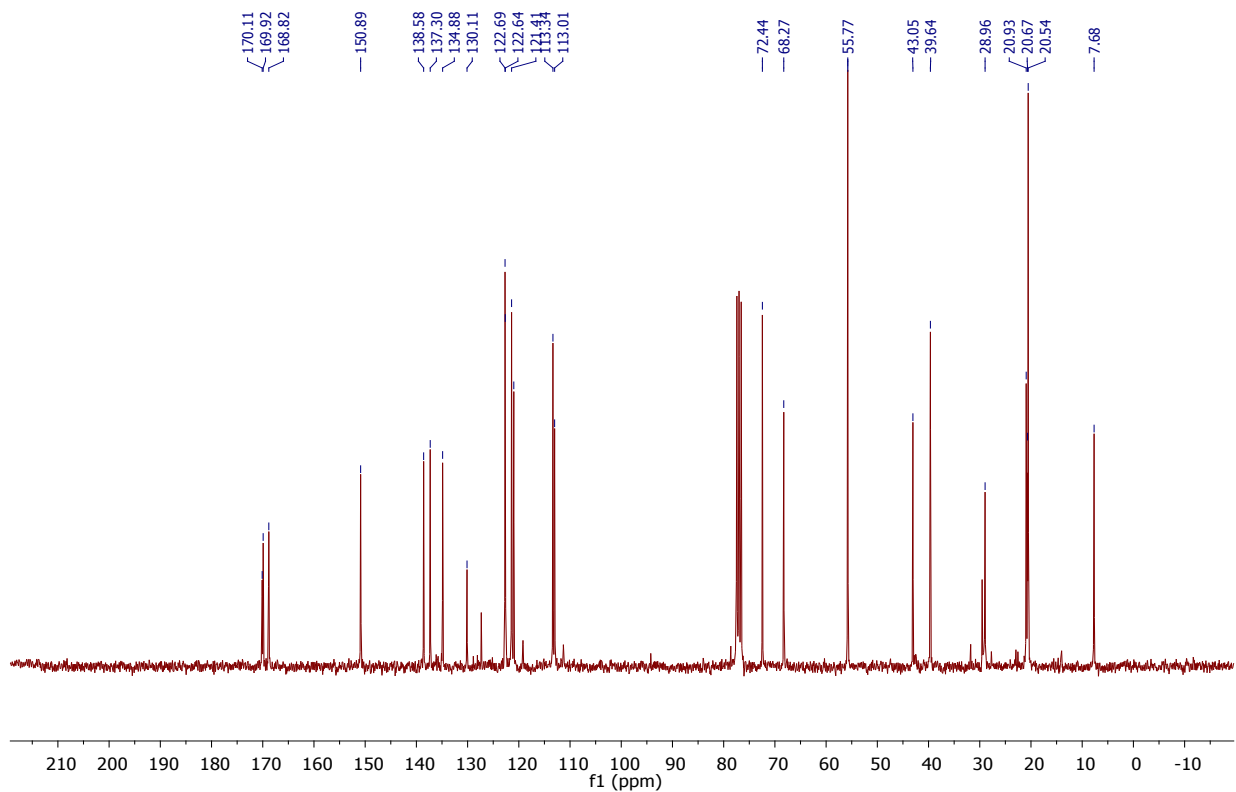
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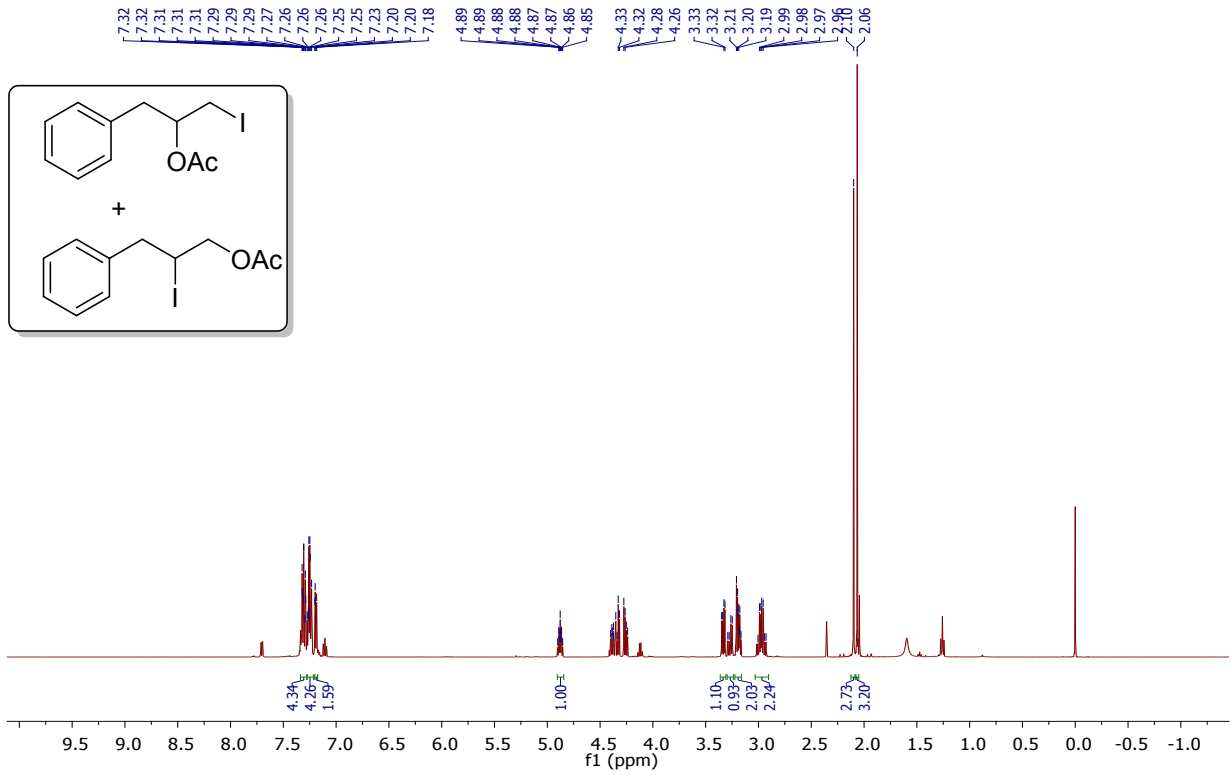
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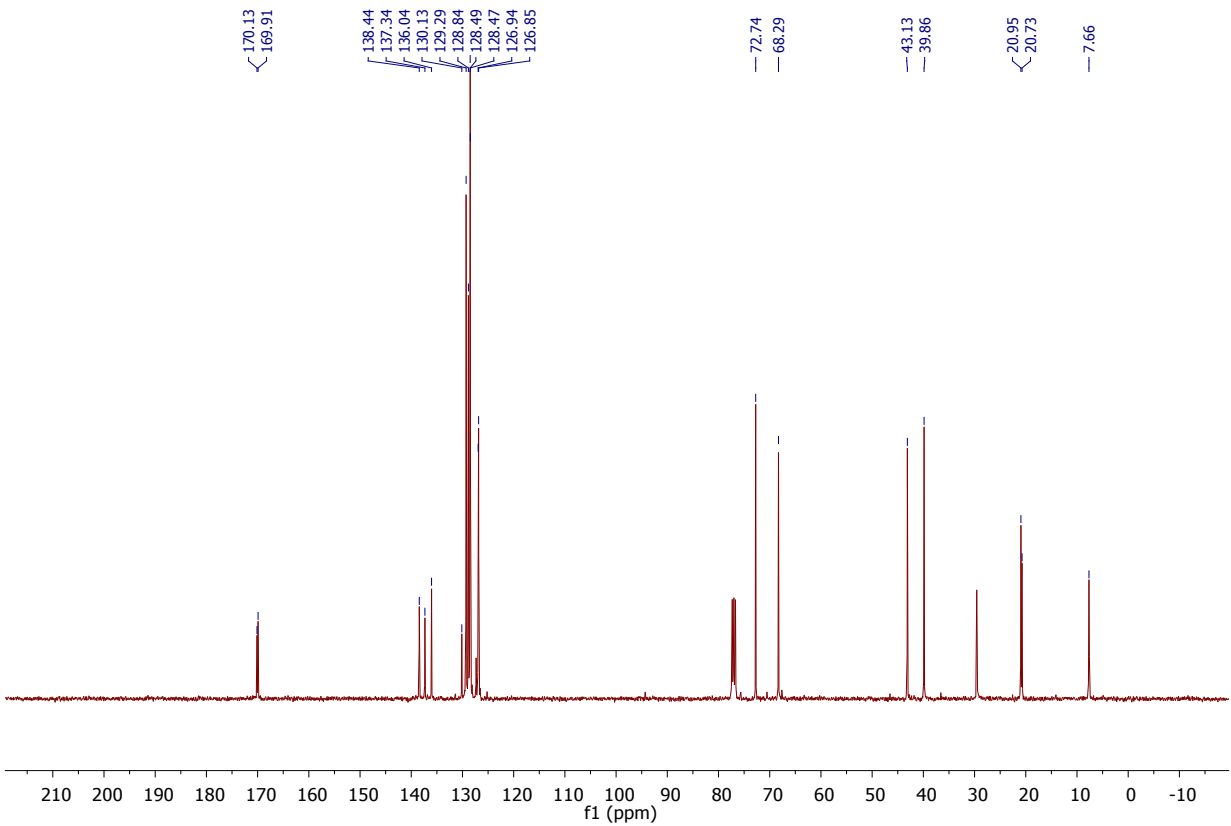
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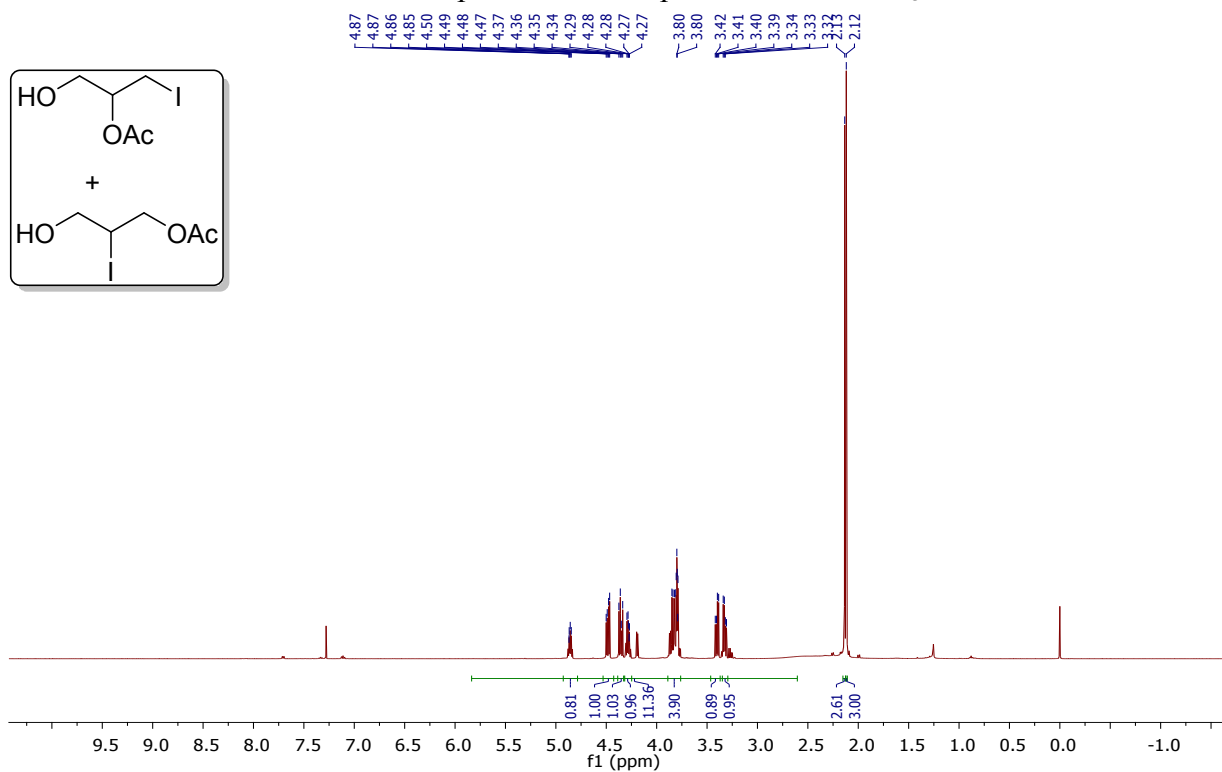
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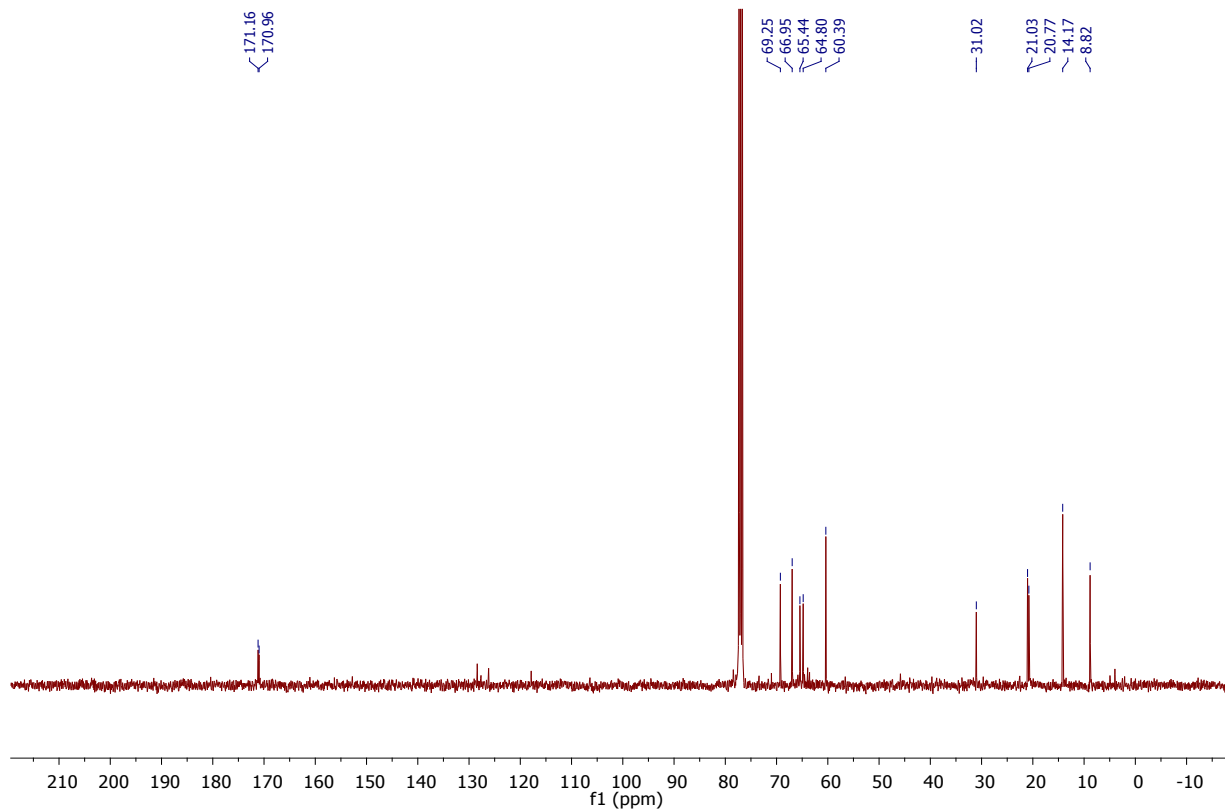
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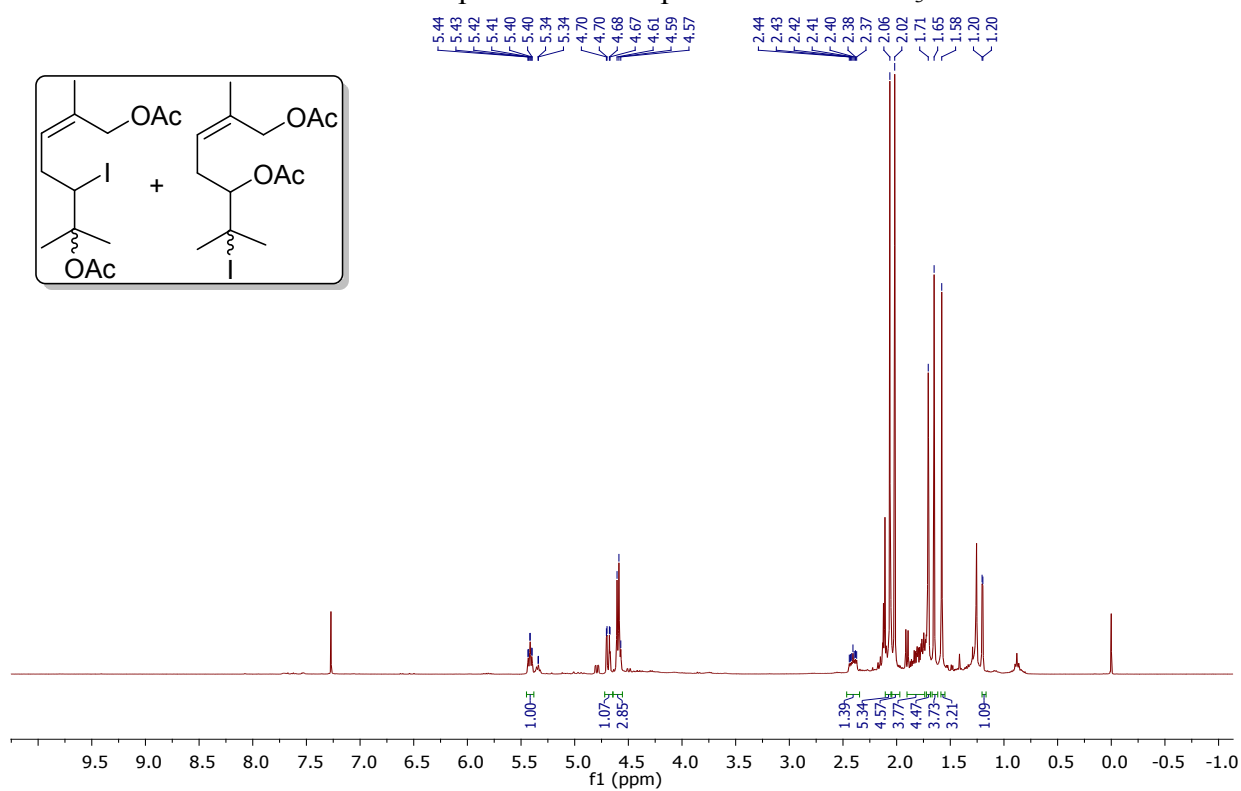
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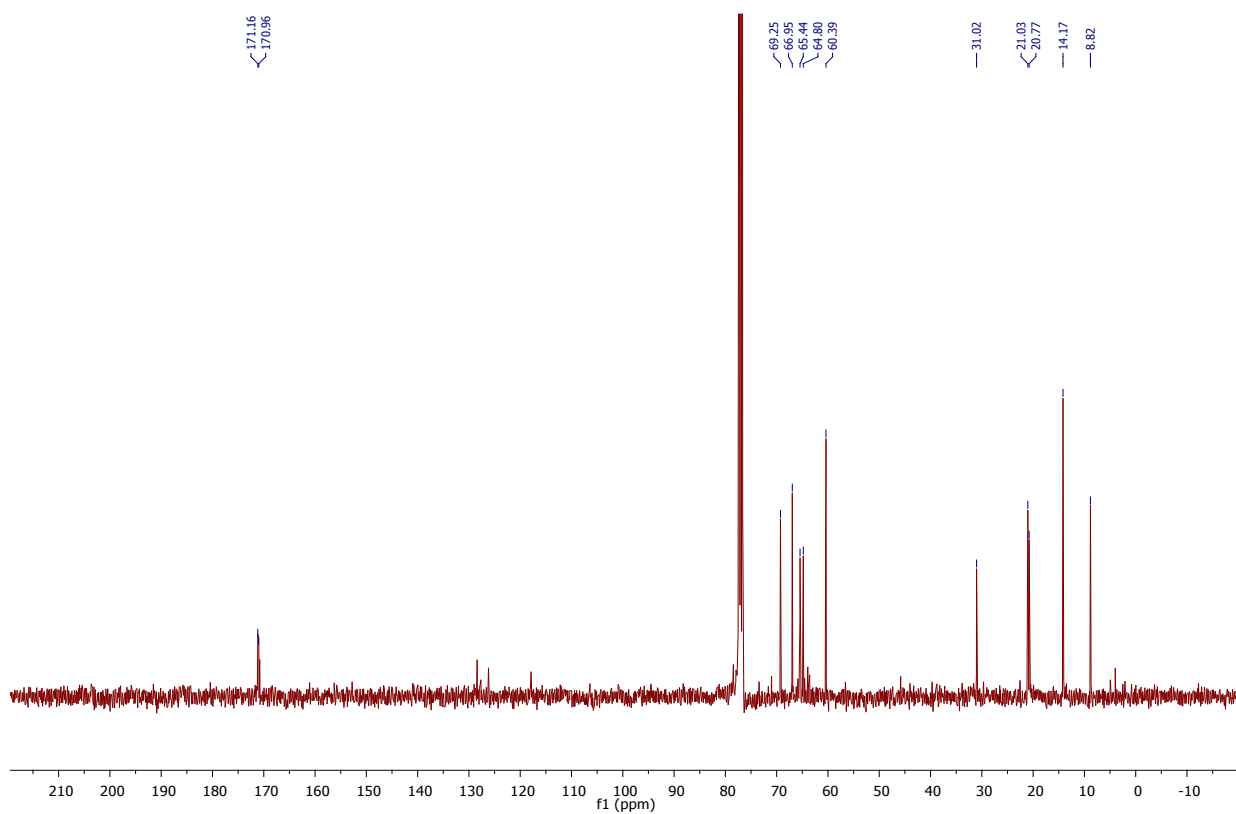
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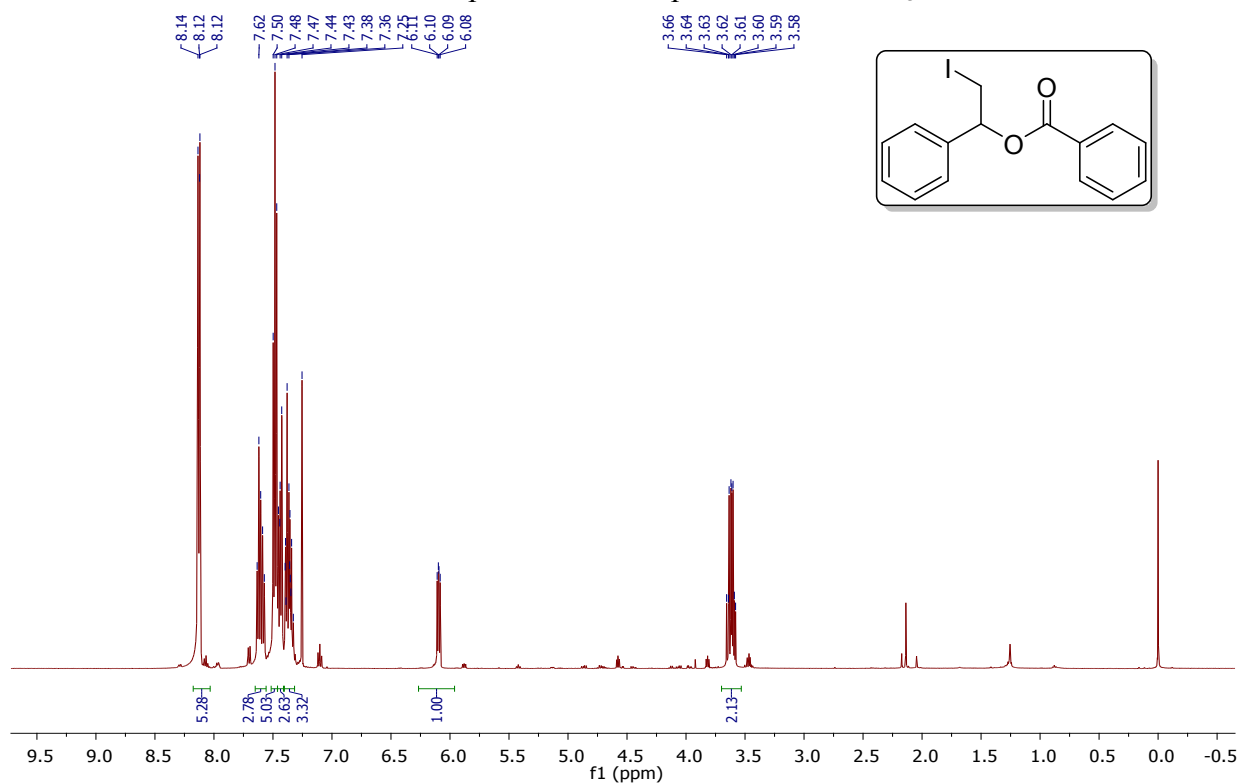
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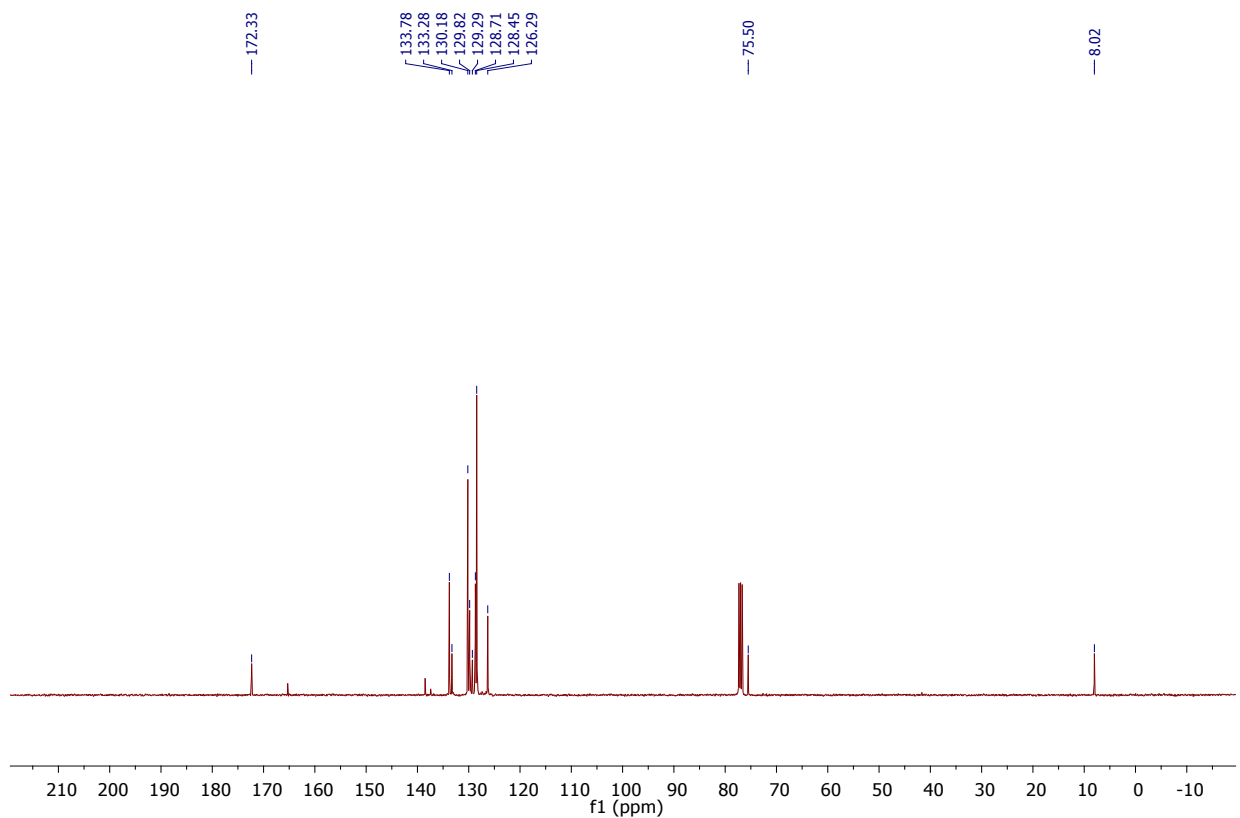
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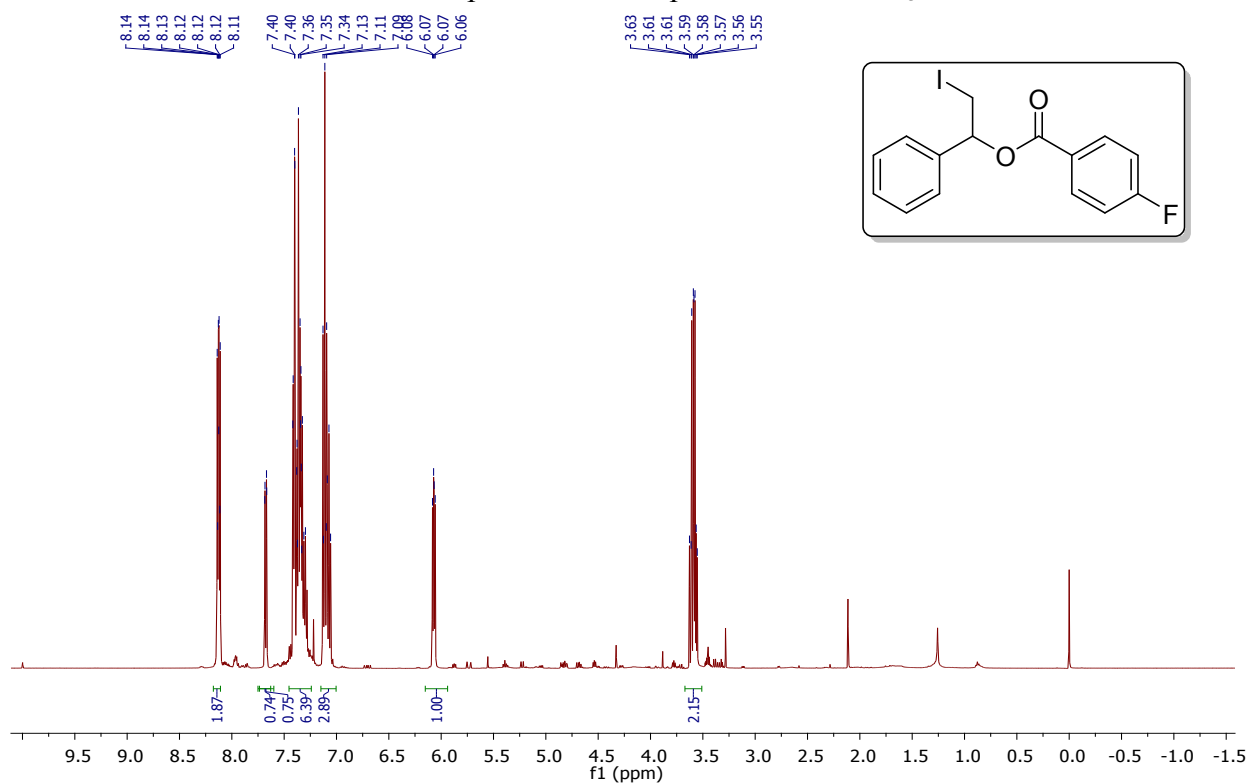
¹H NMR Spectrum of compound **3a** in CDCl₃



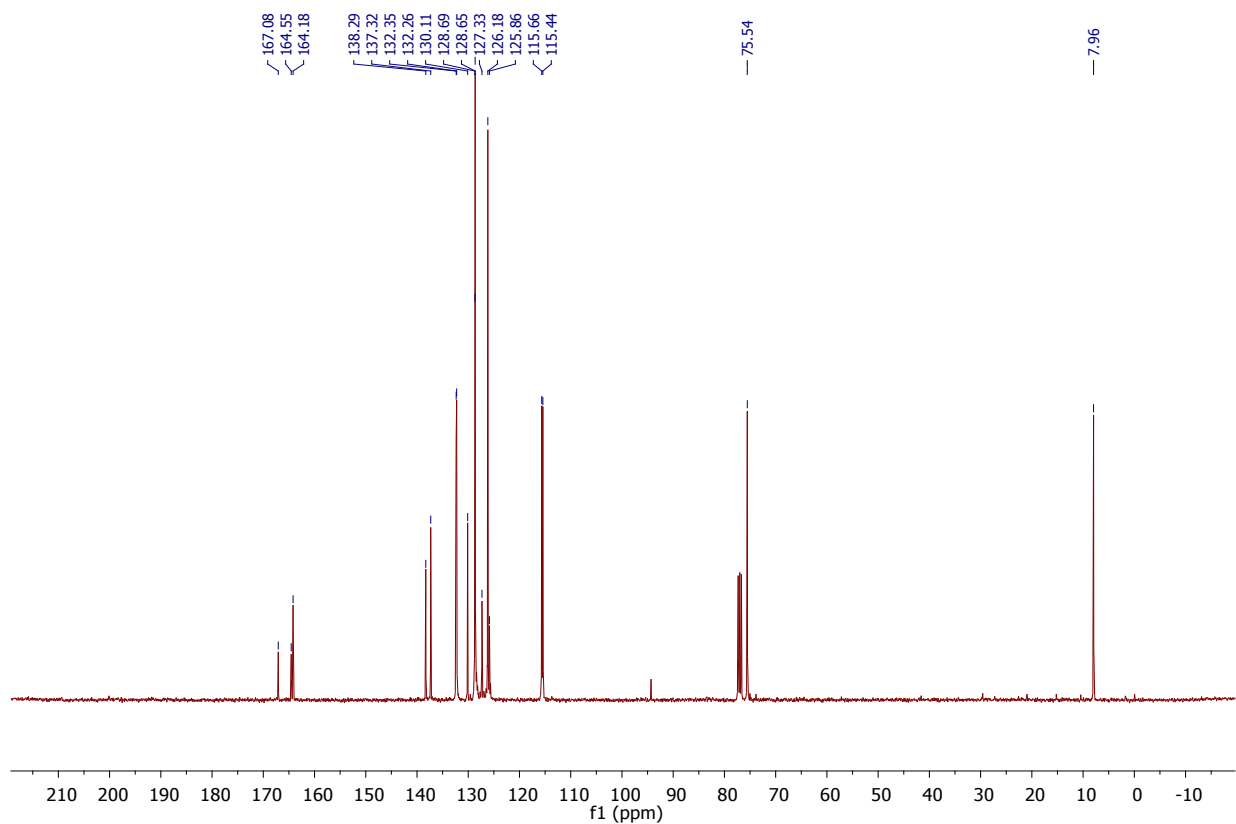
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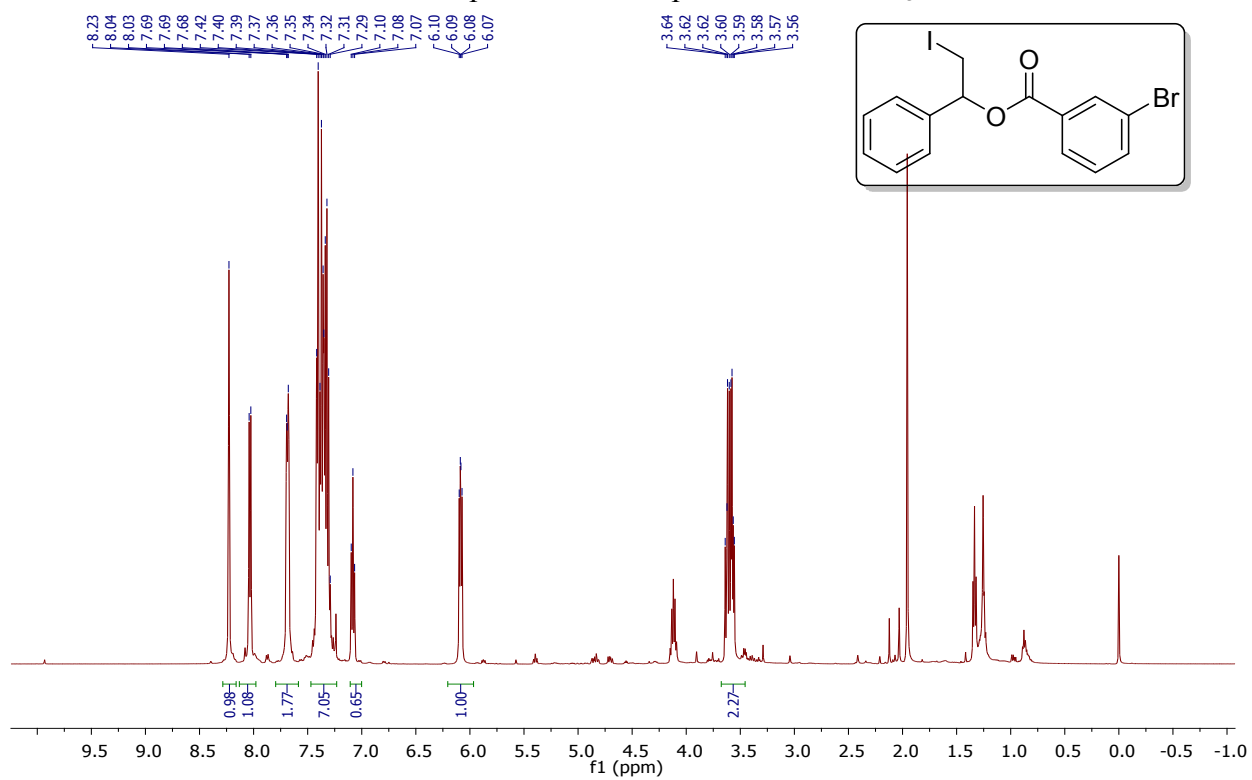
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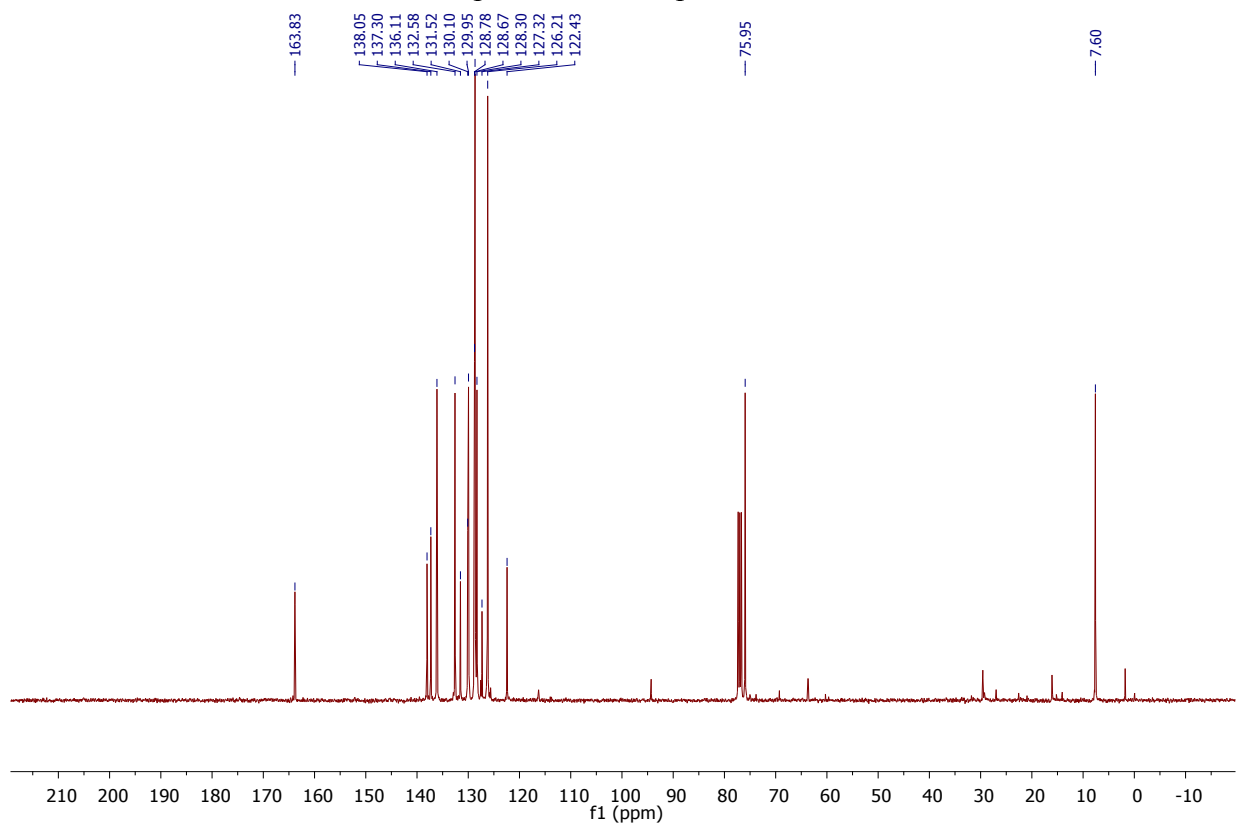
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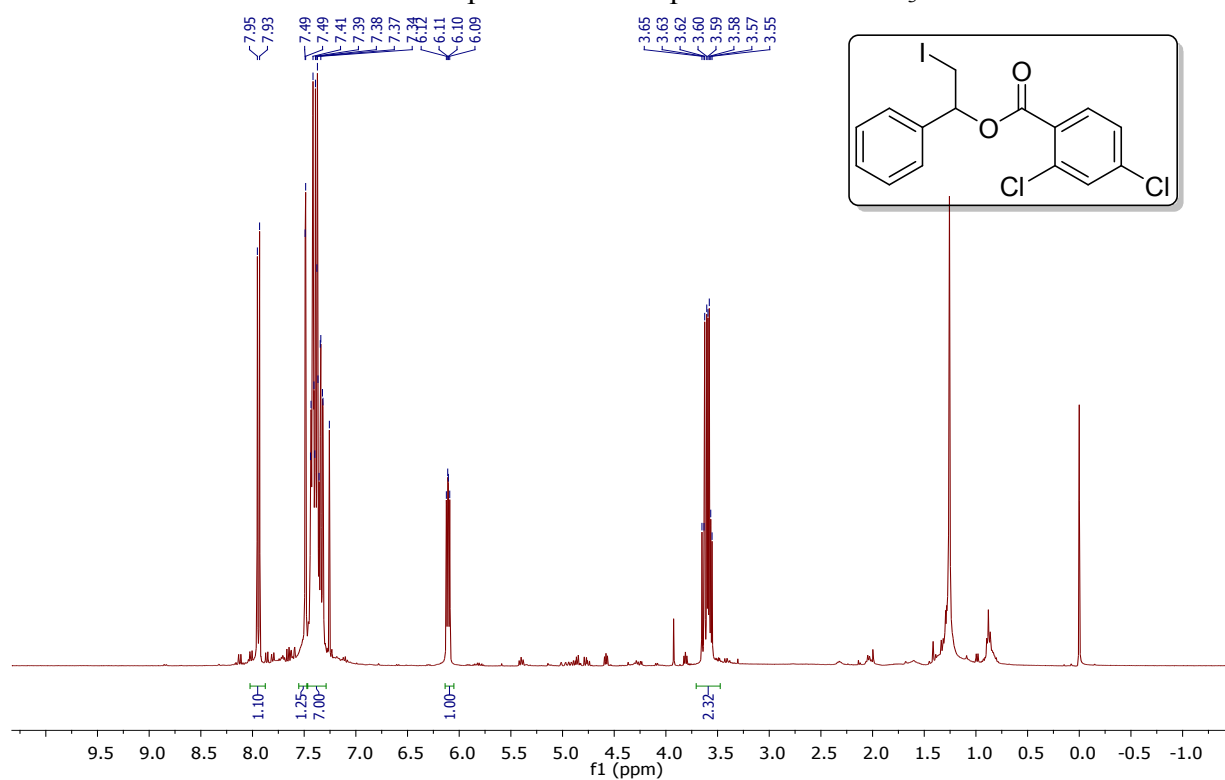
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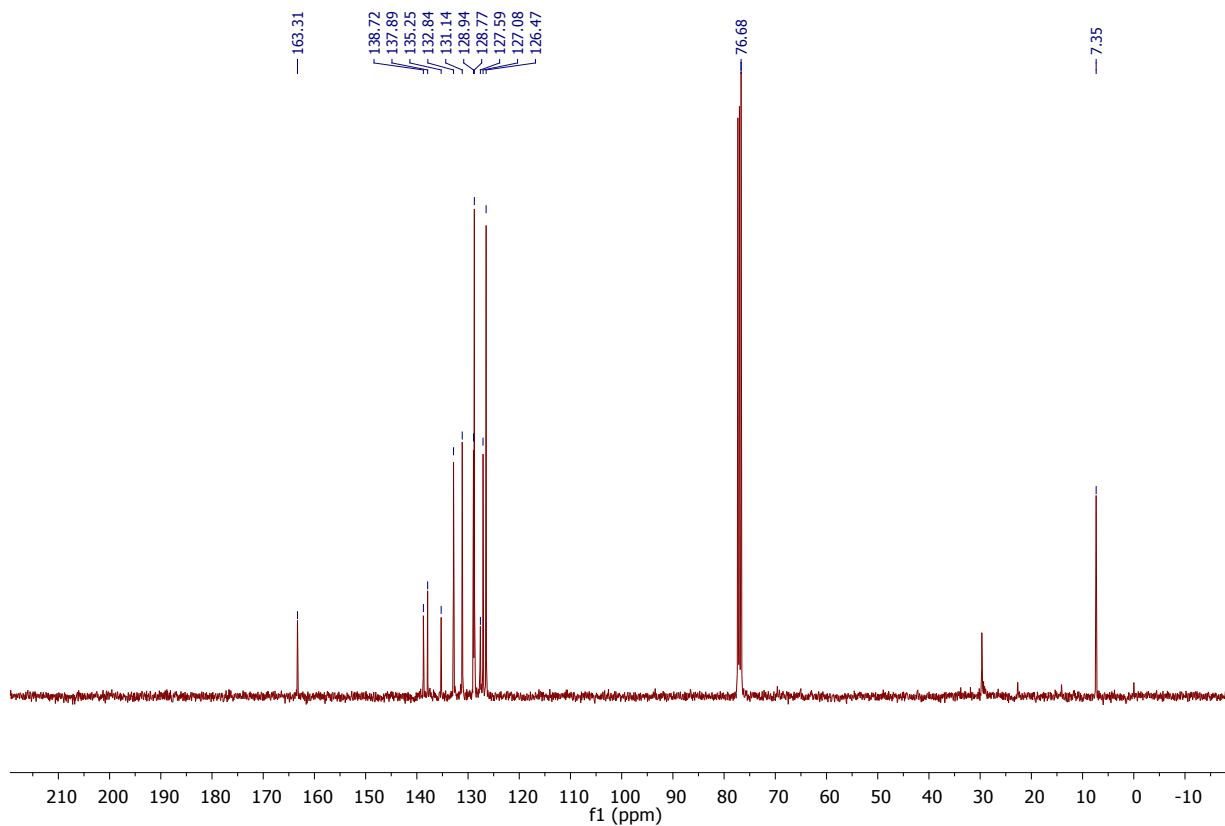
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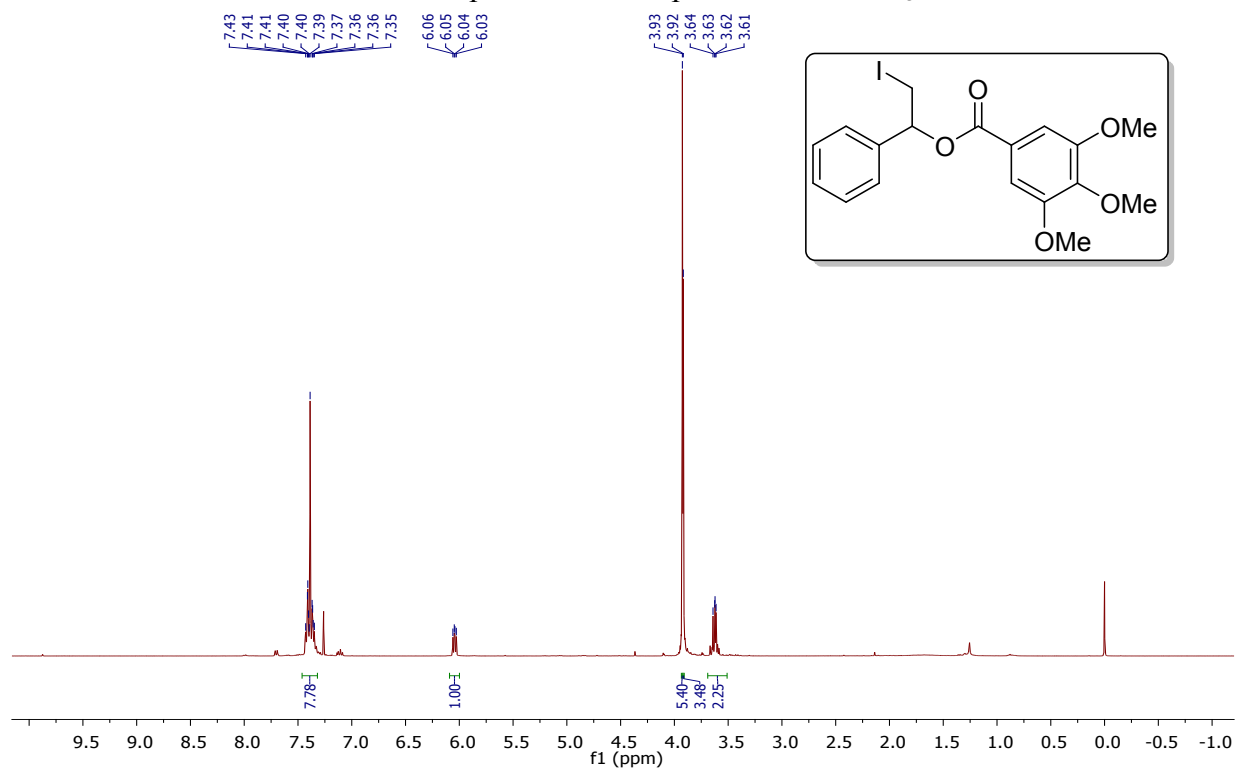
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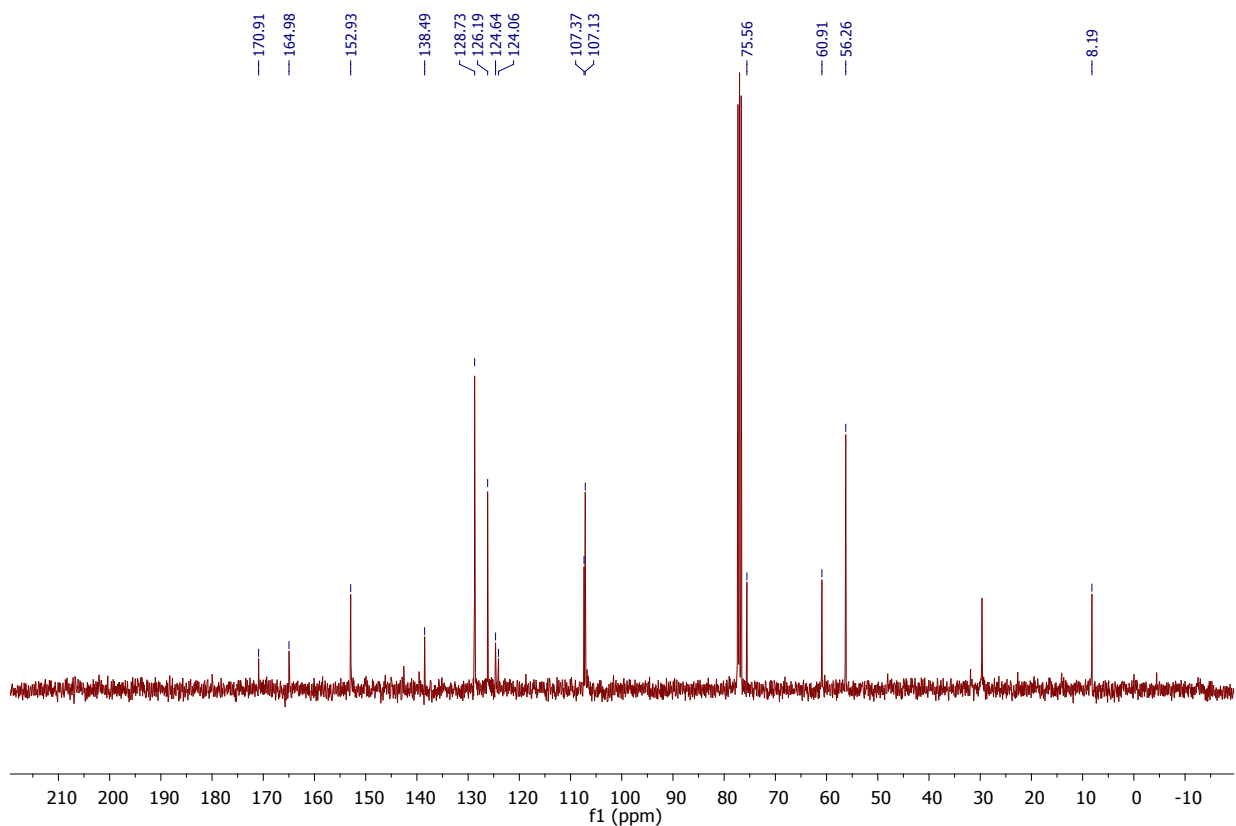
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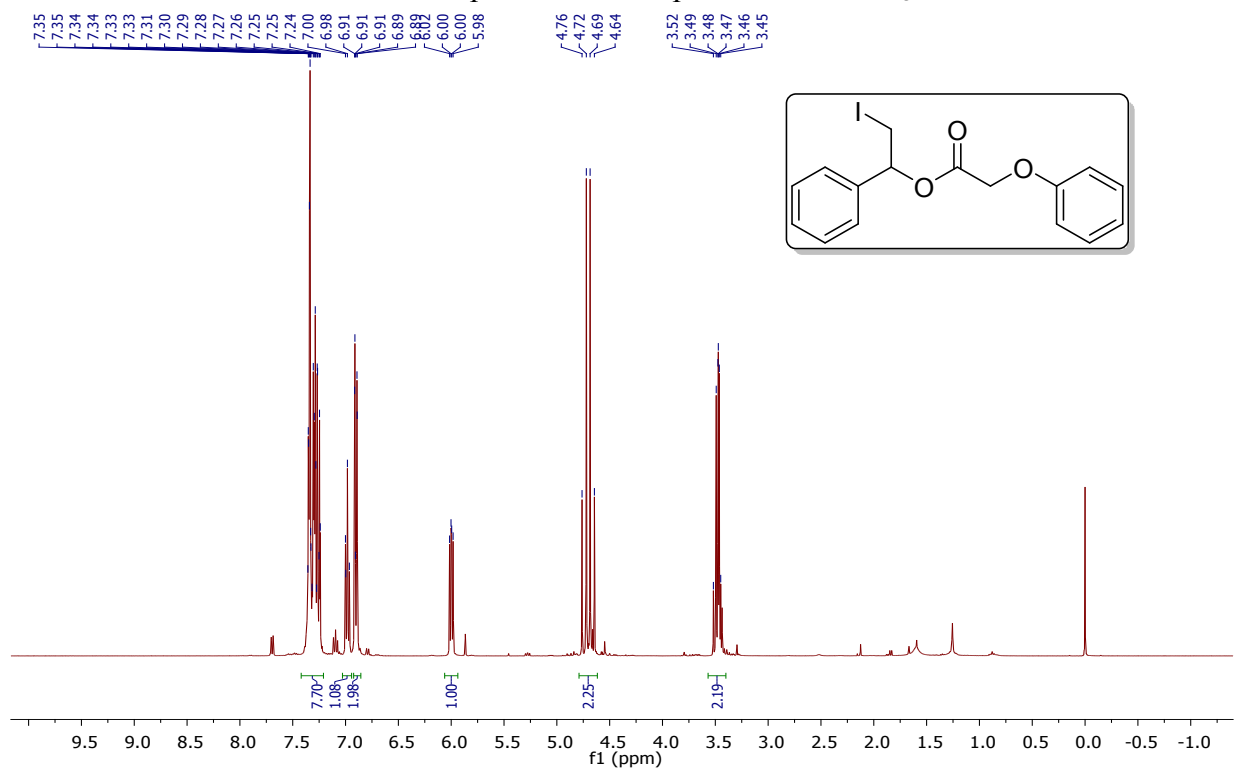
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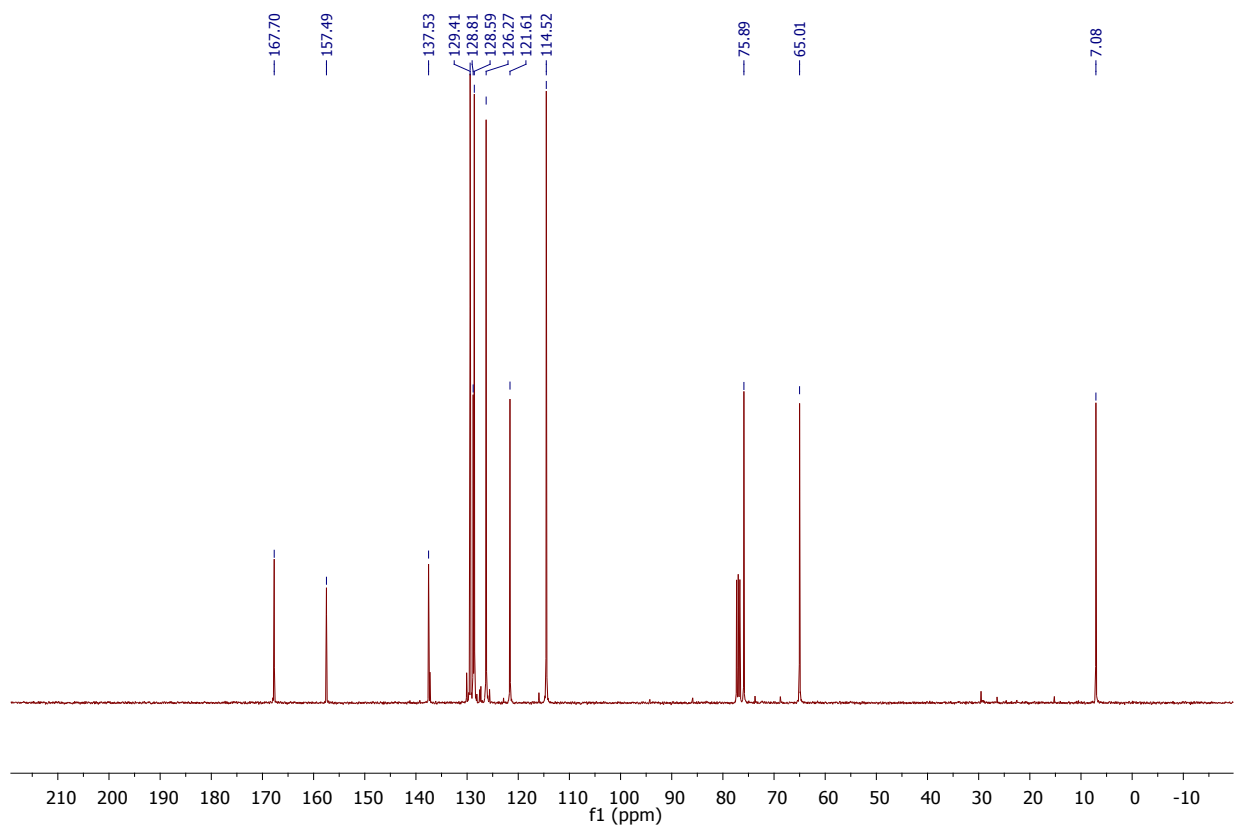
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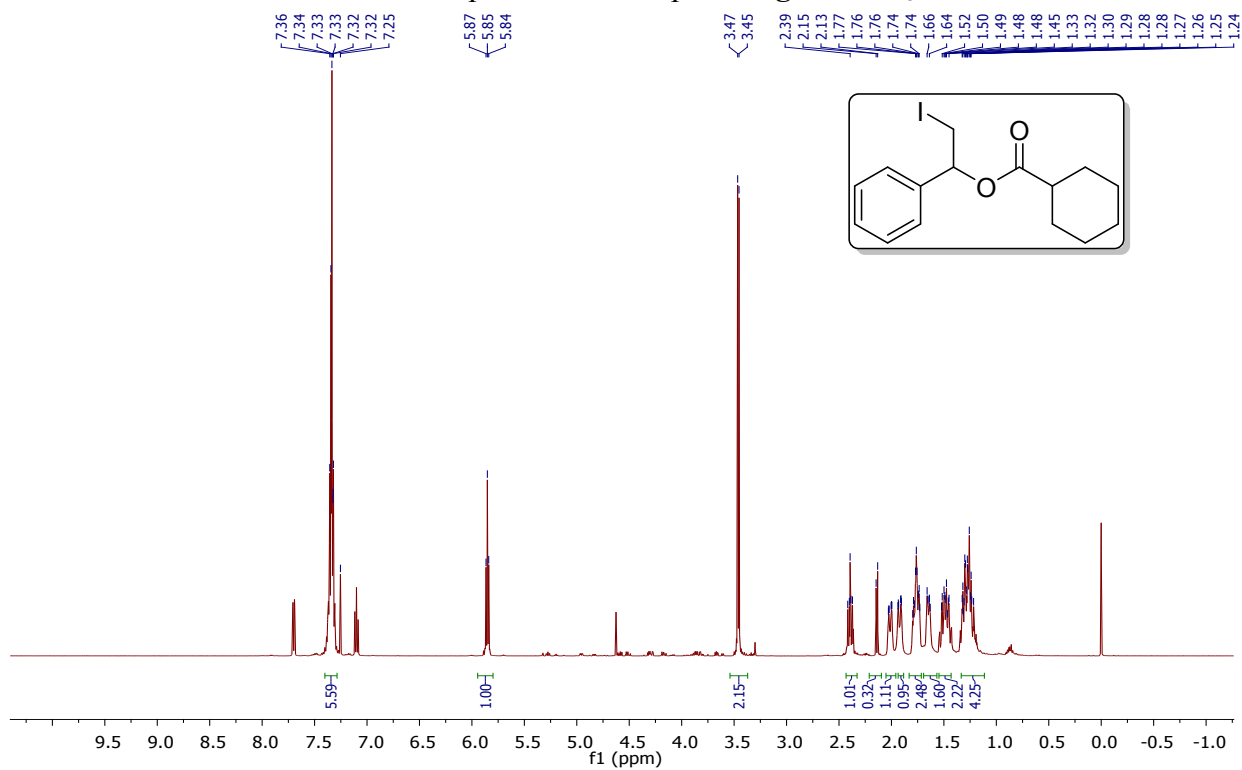
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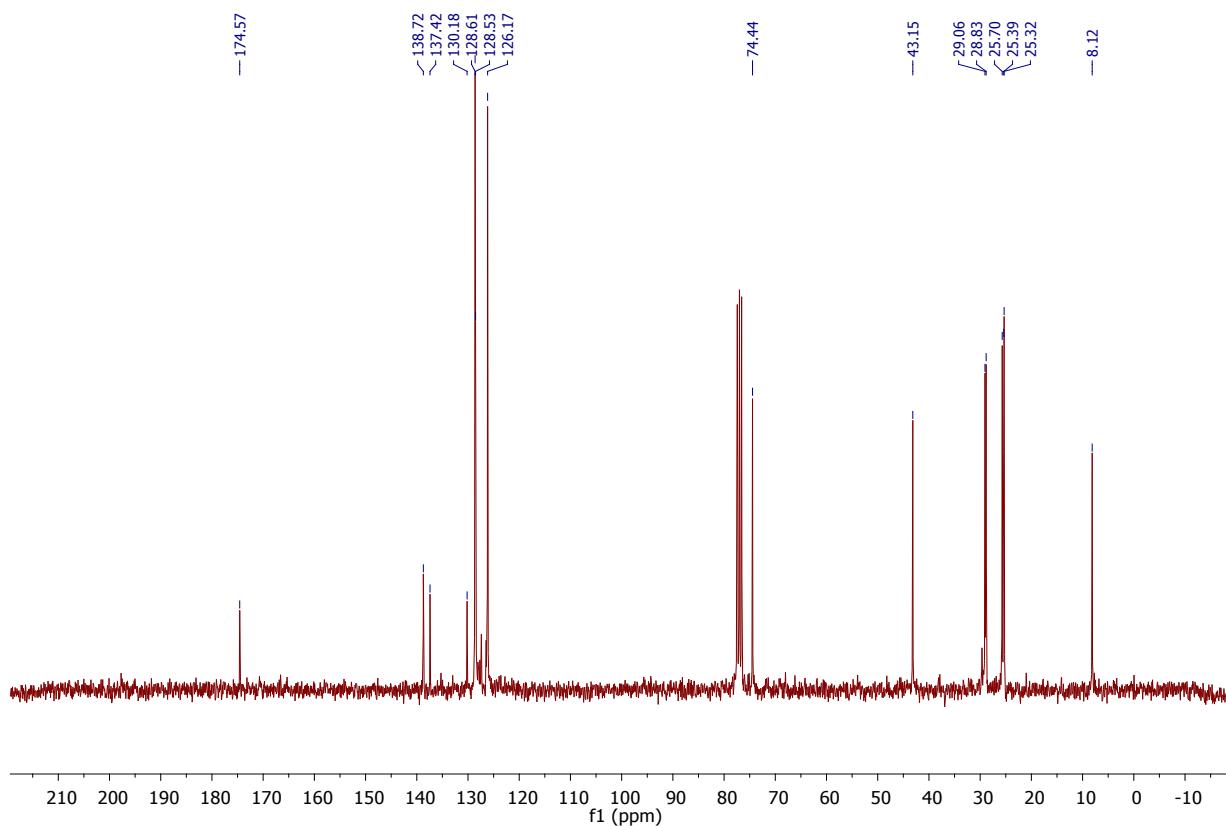
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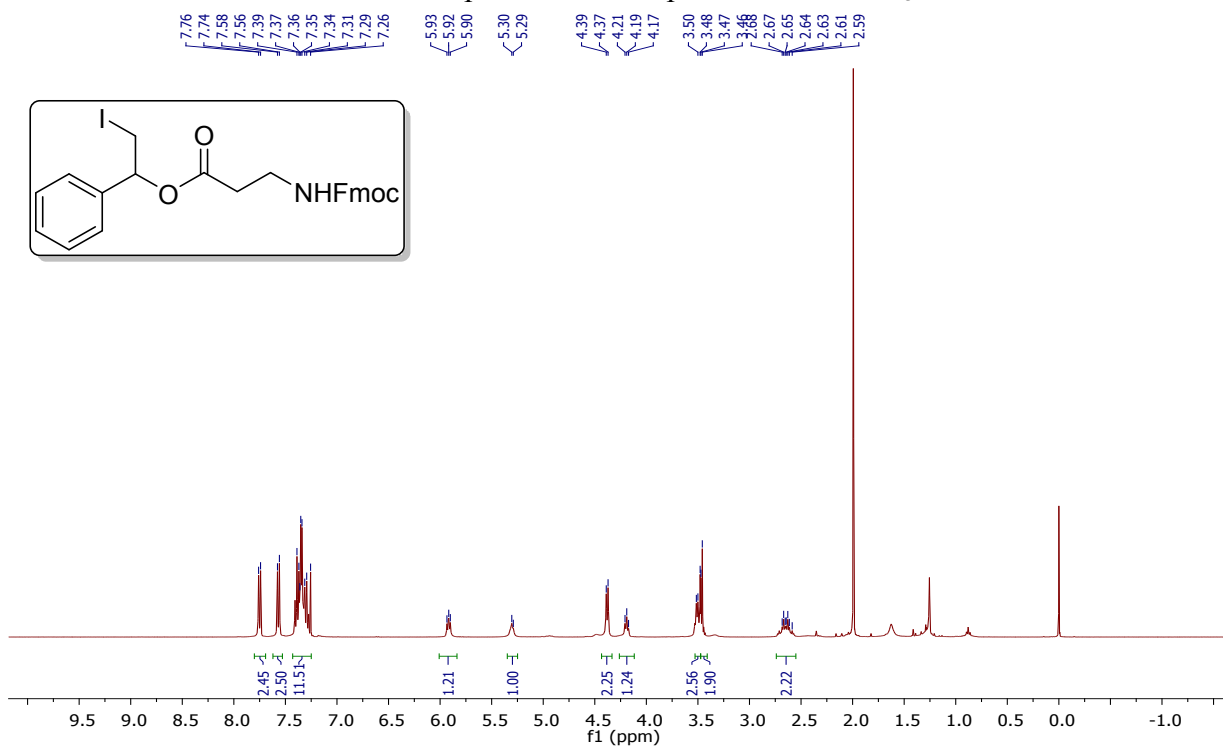
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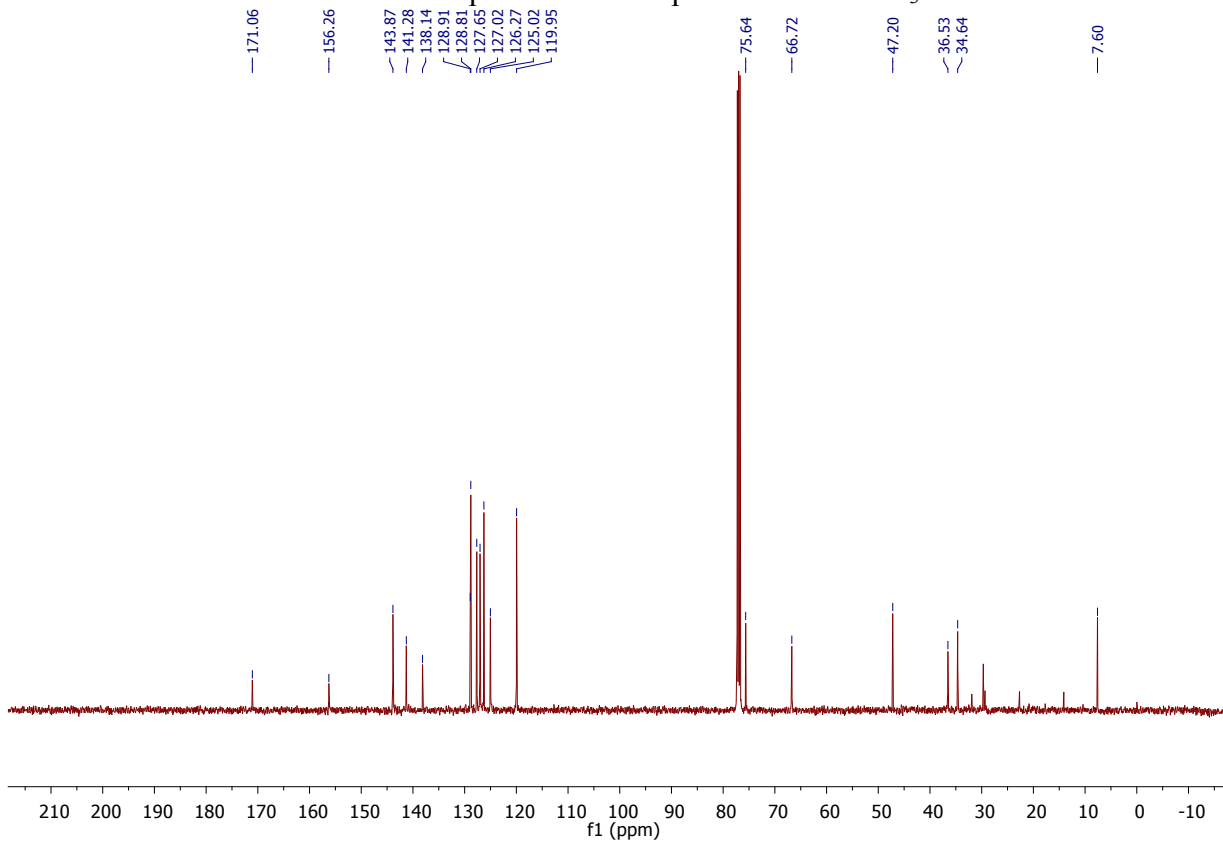
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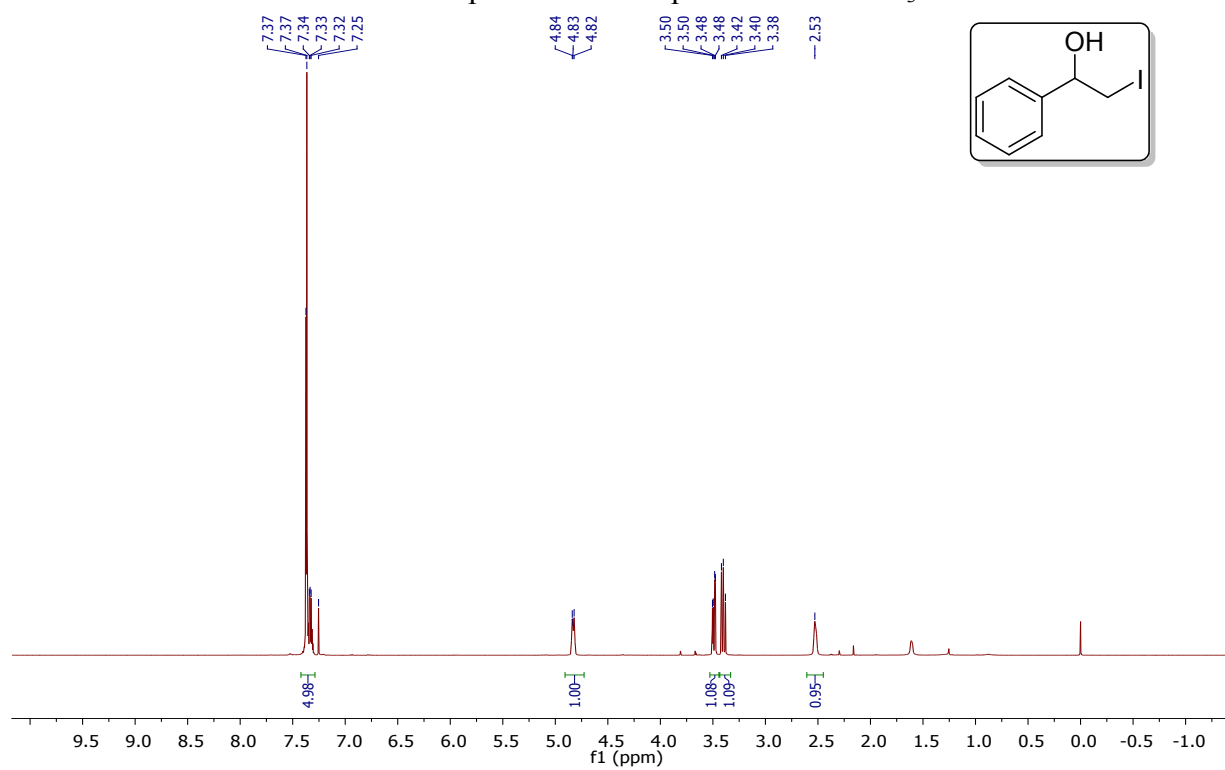
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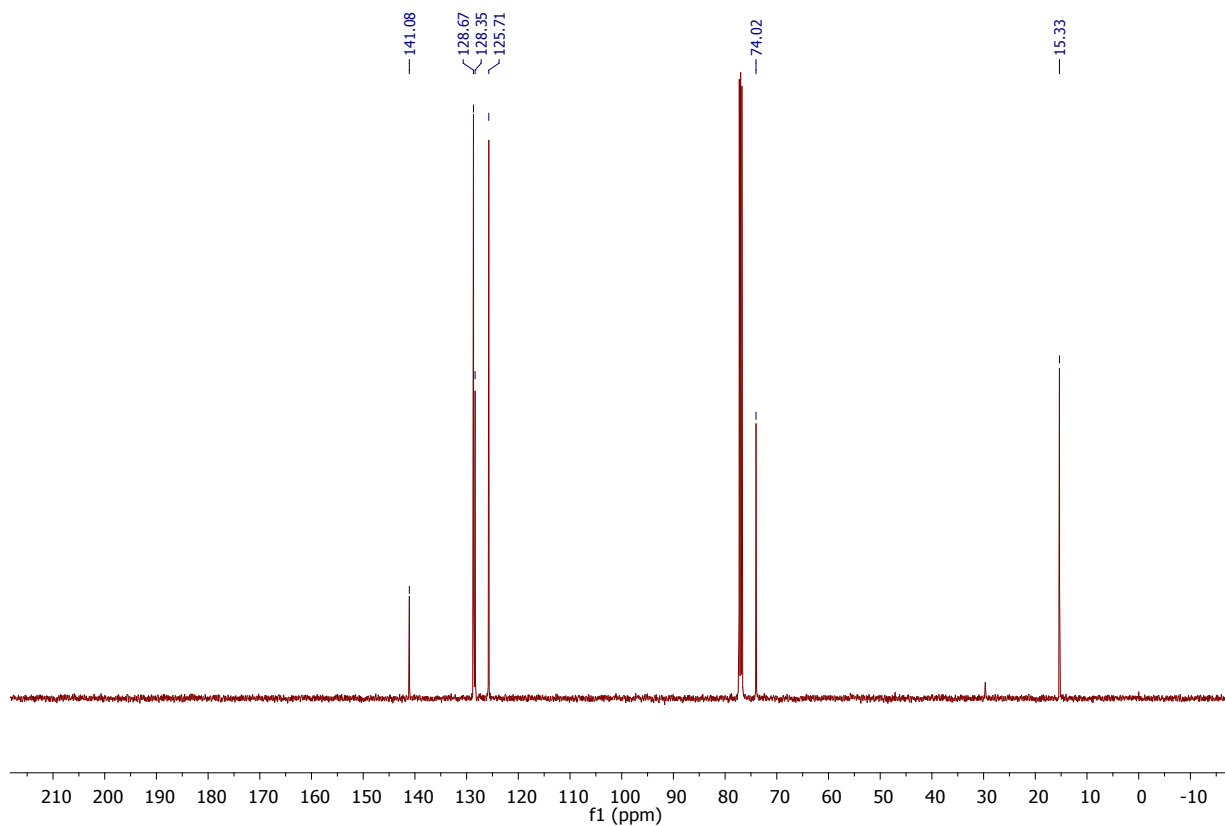
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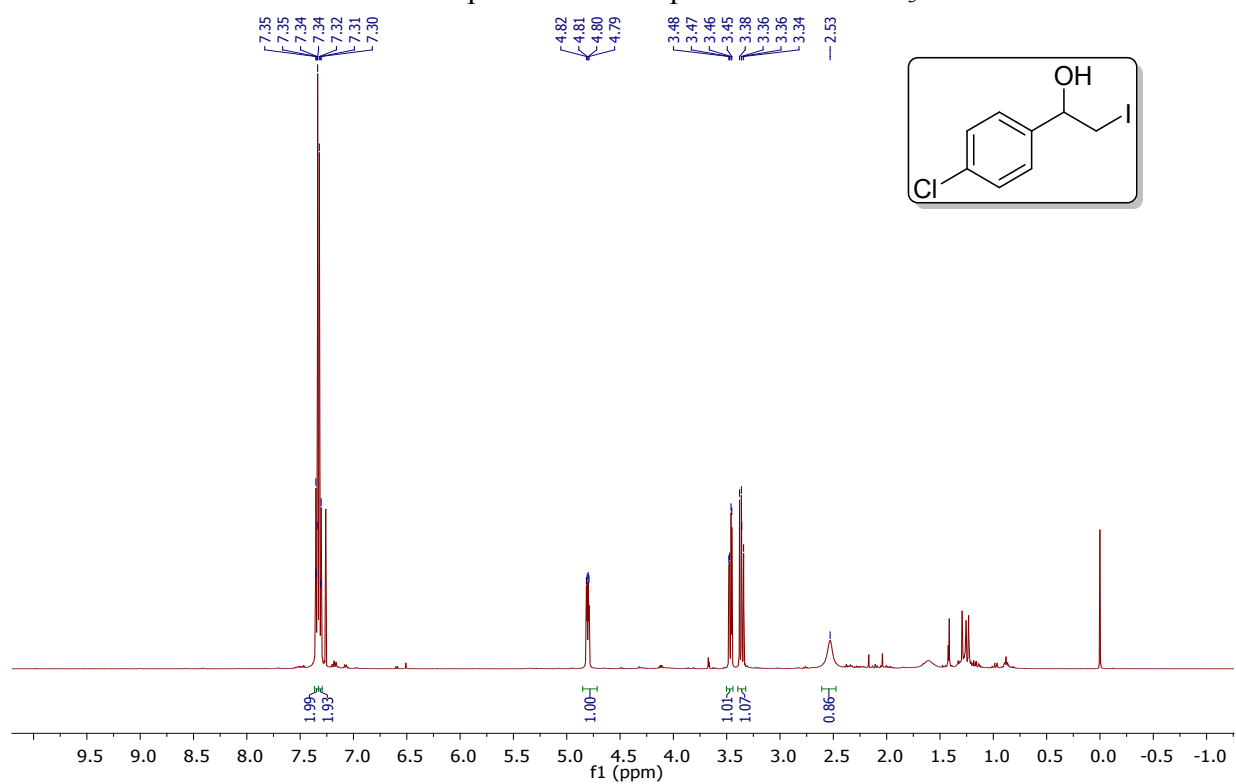
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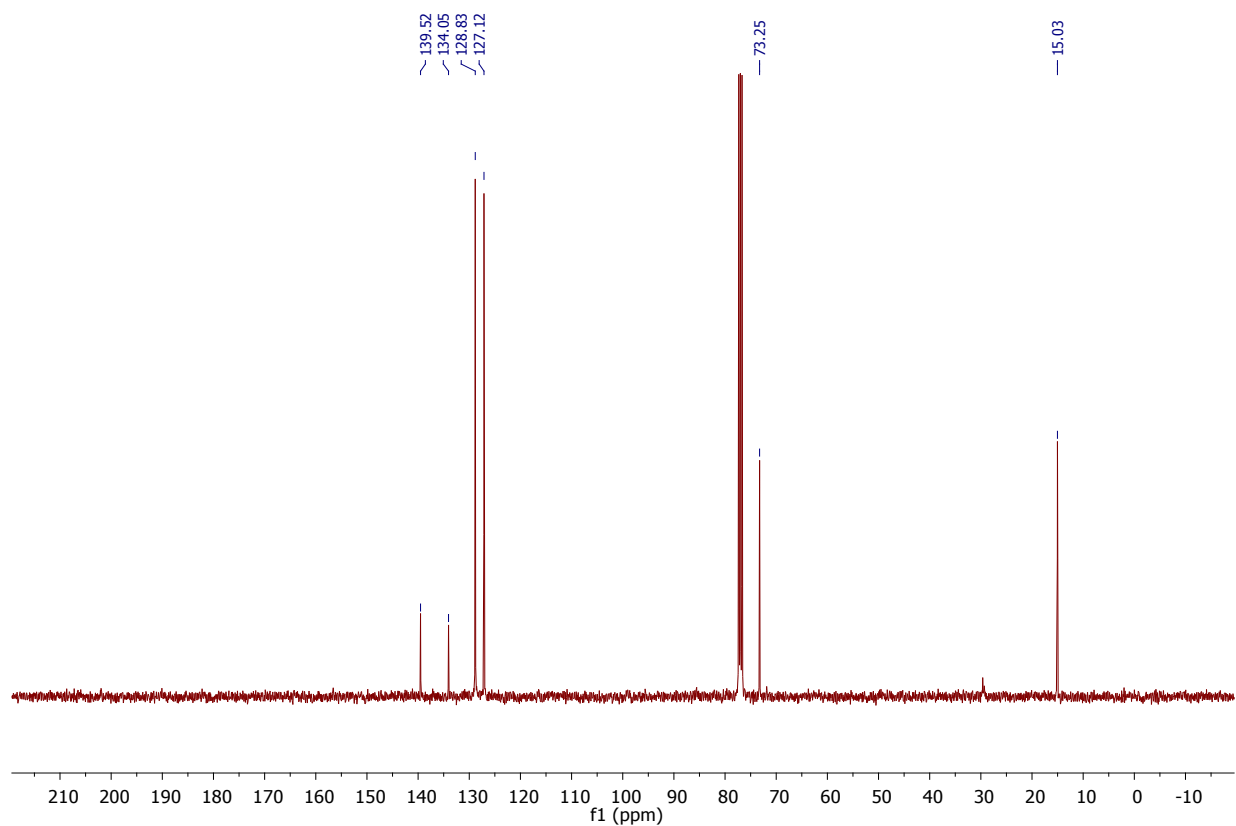
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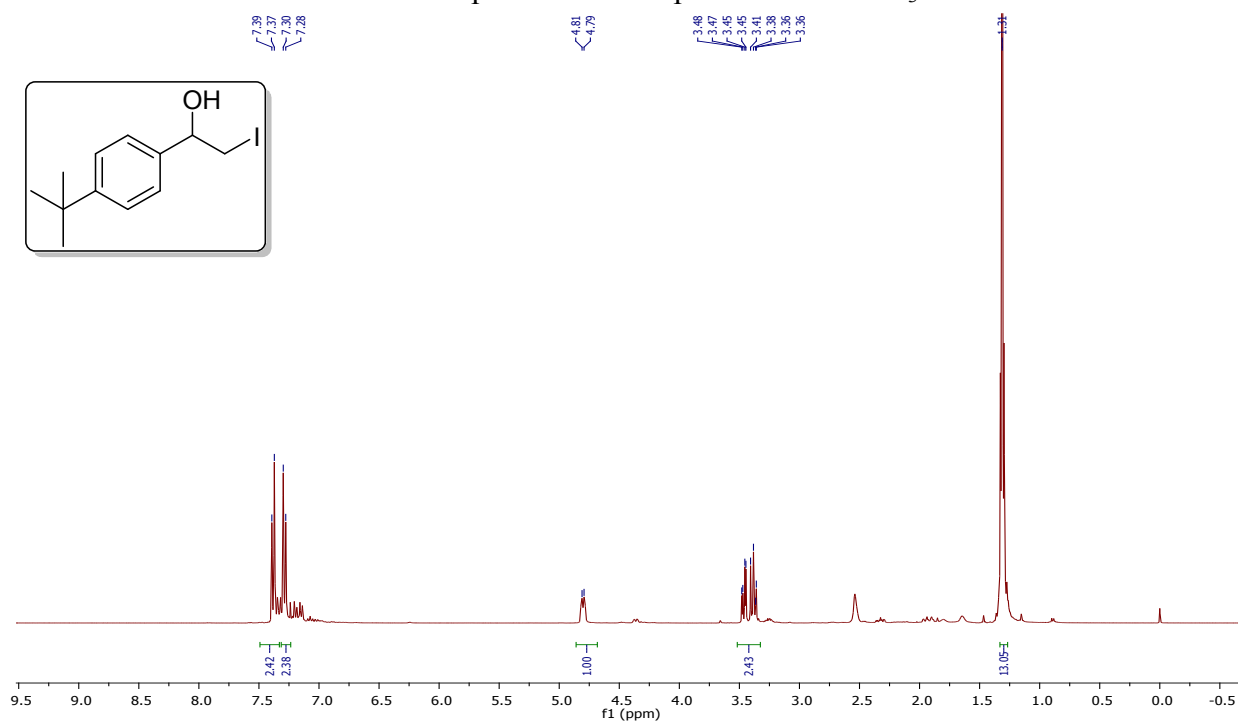
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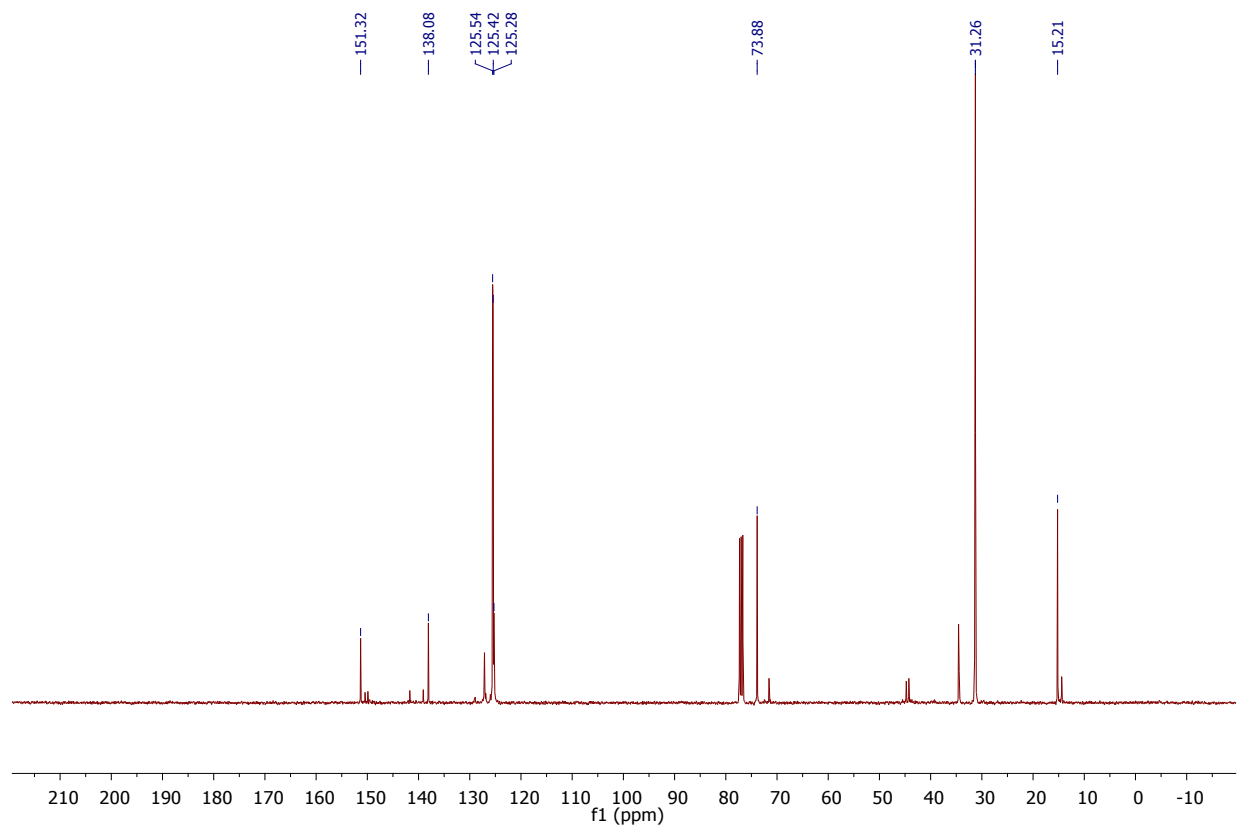
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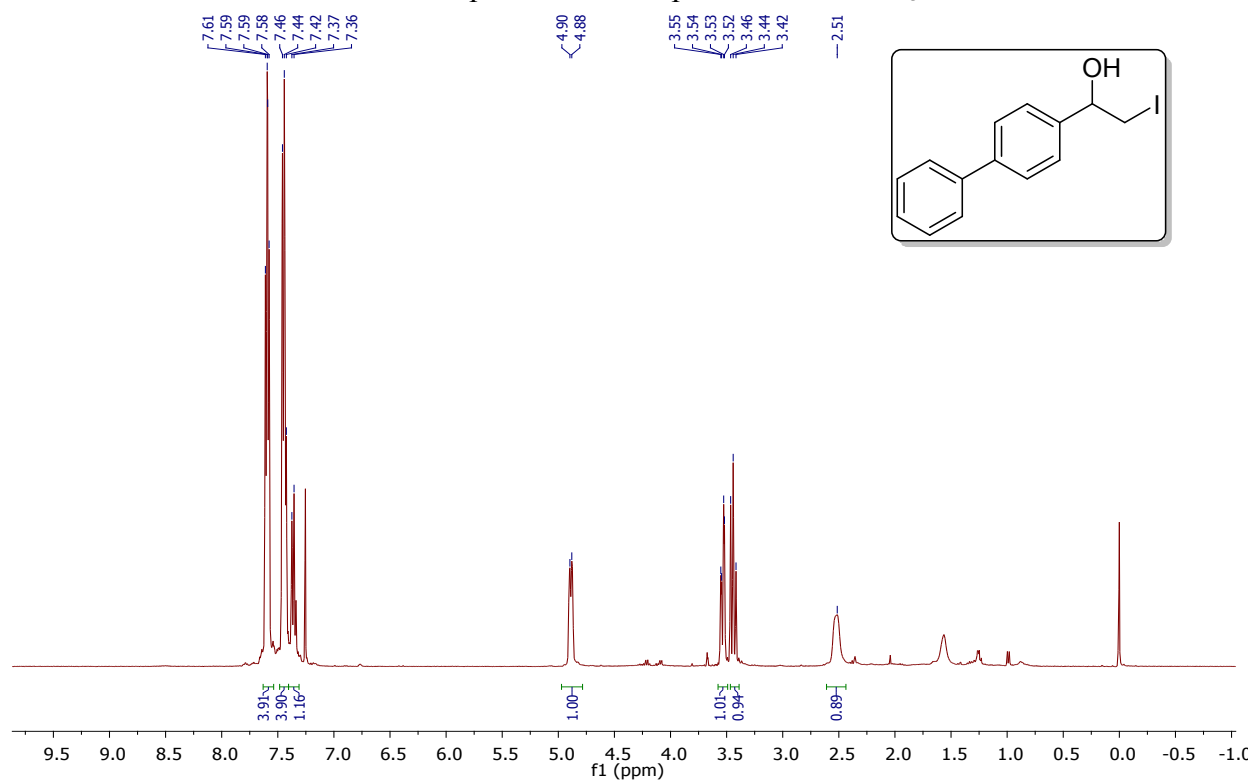
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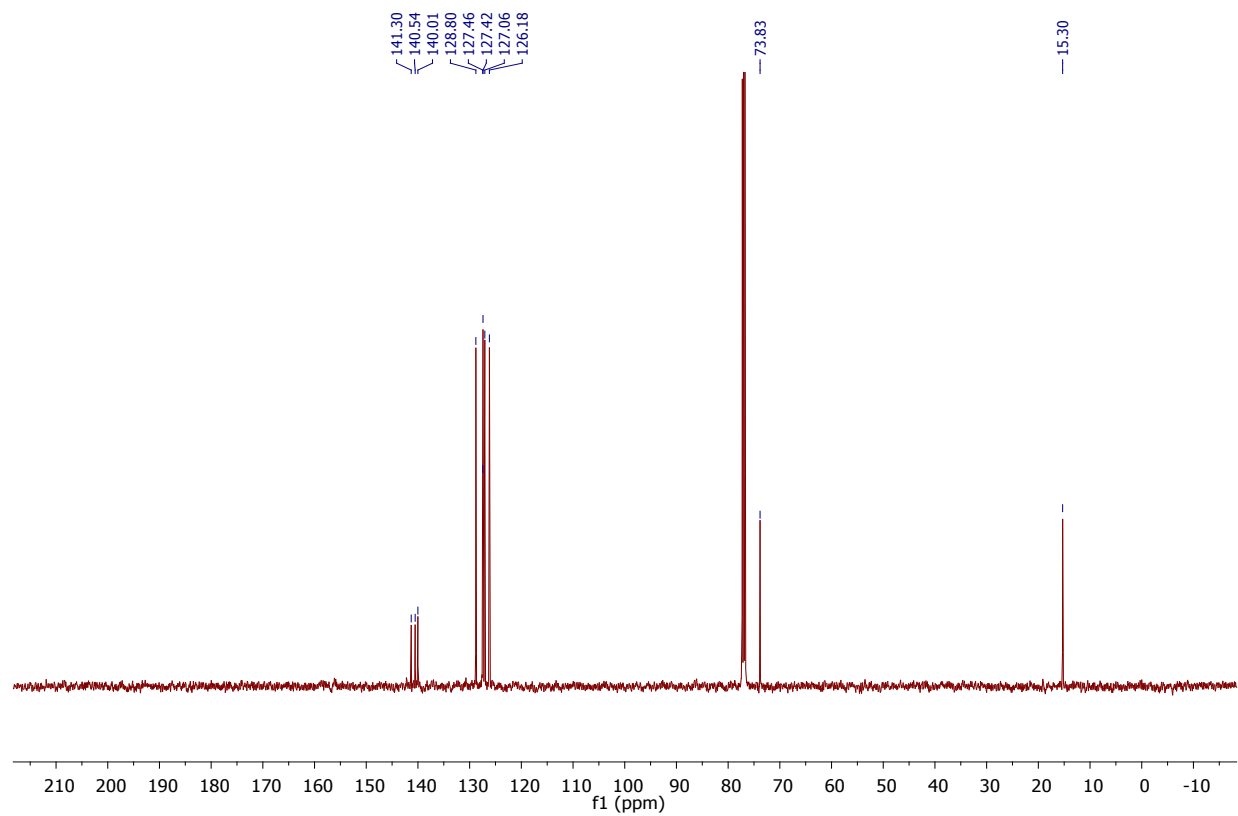
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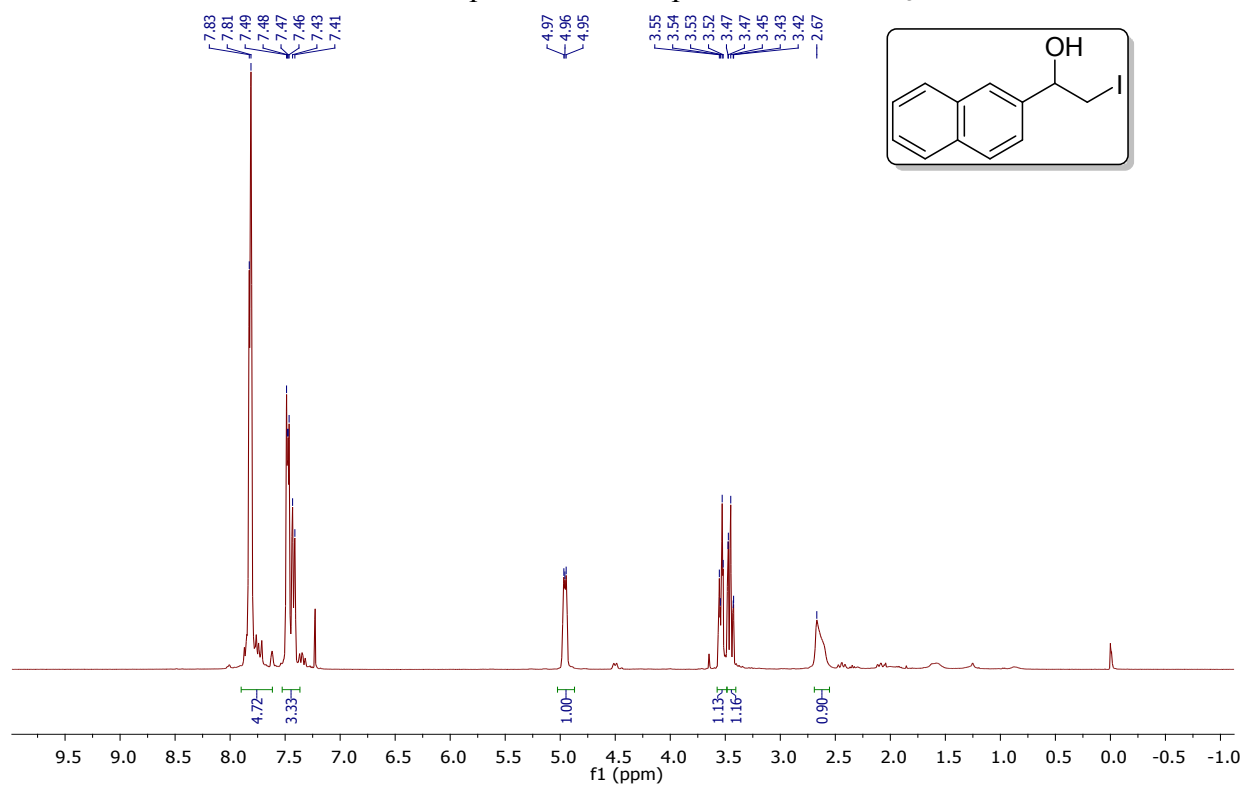
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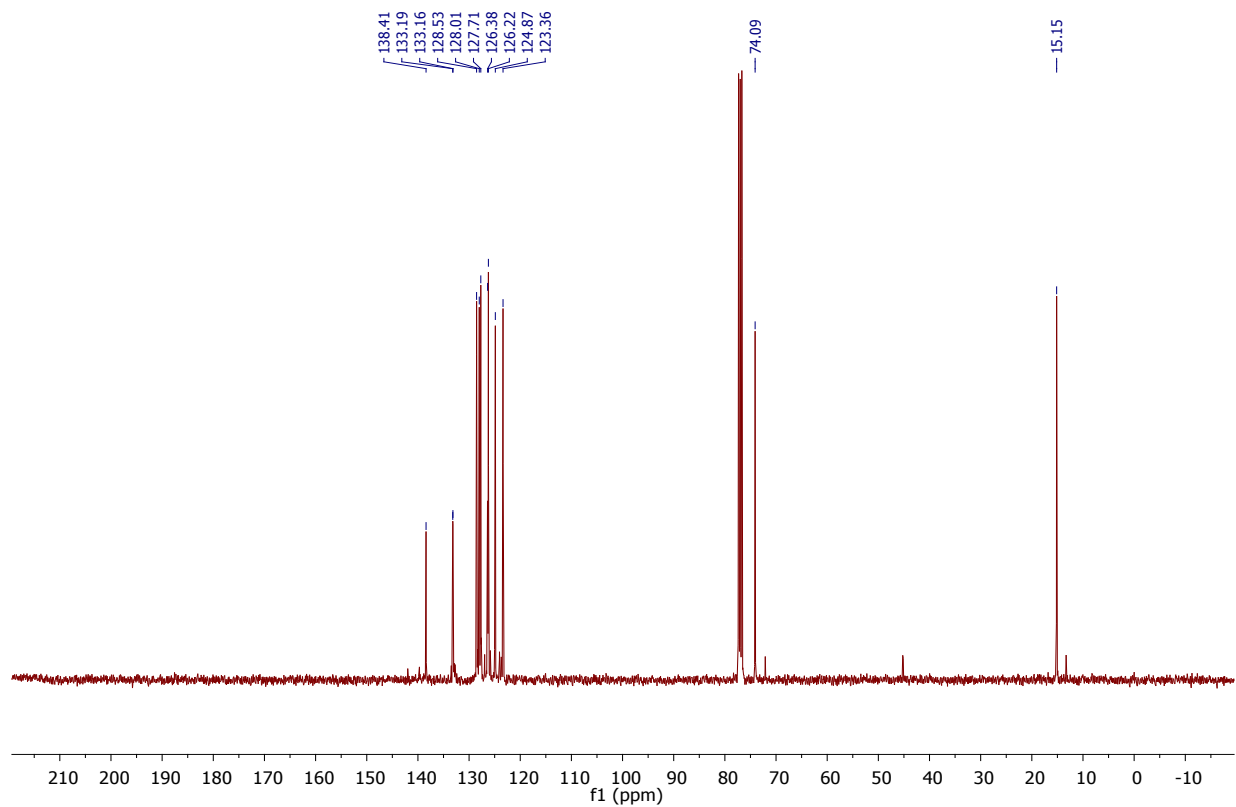
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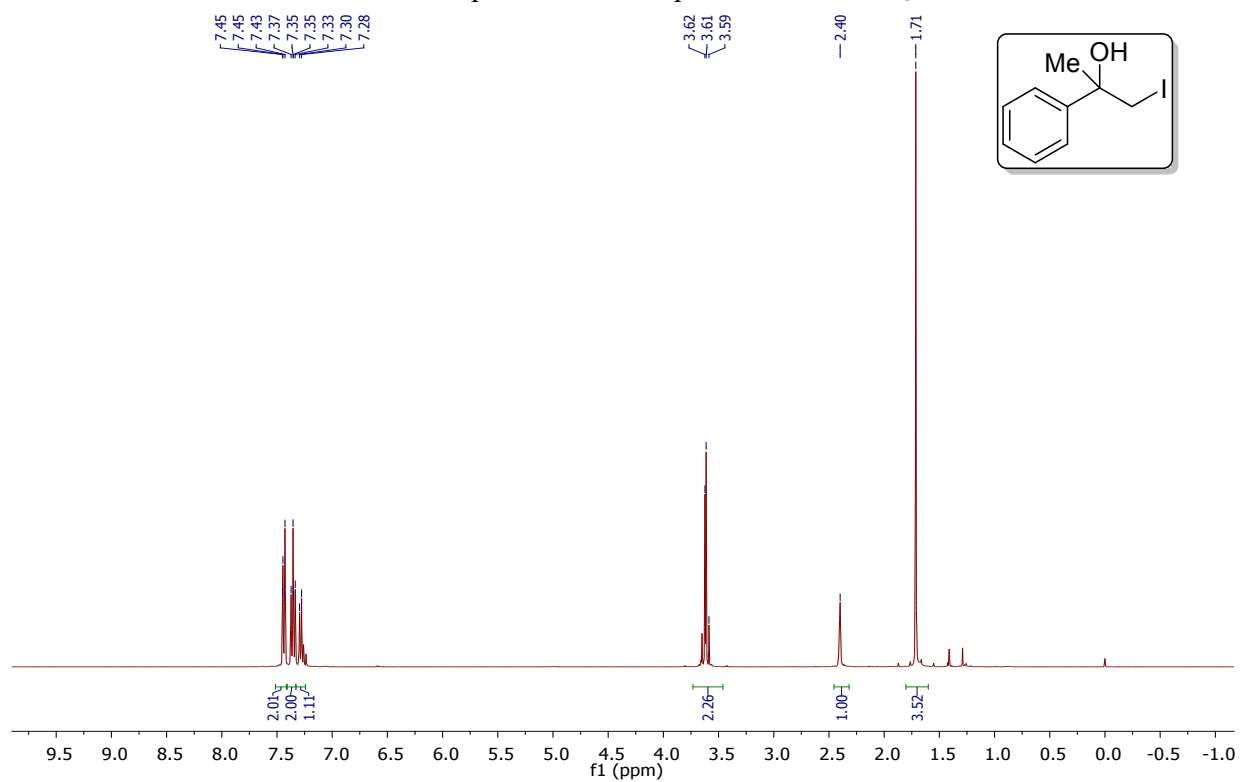
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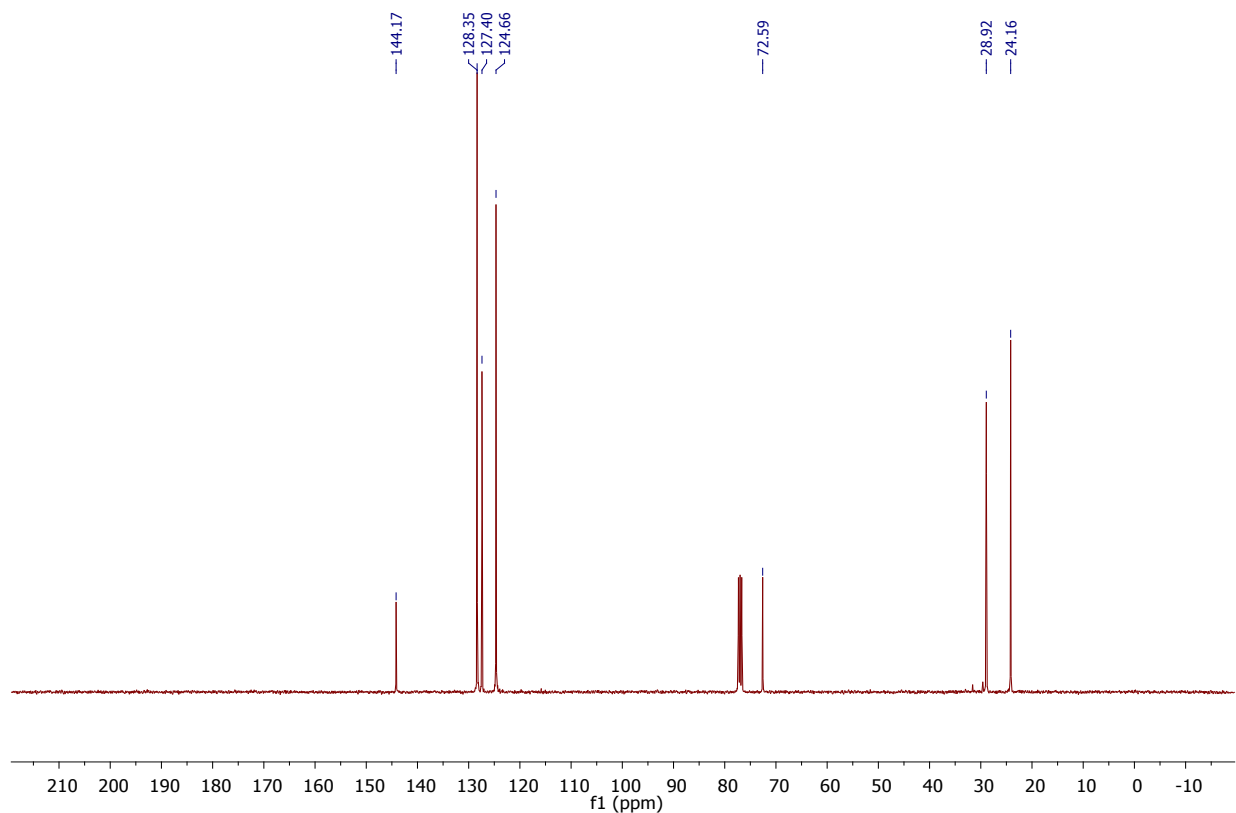
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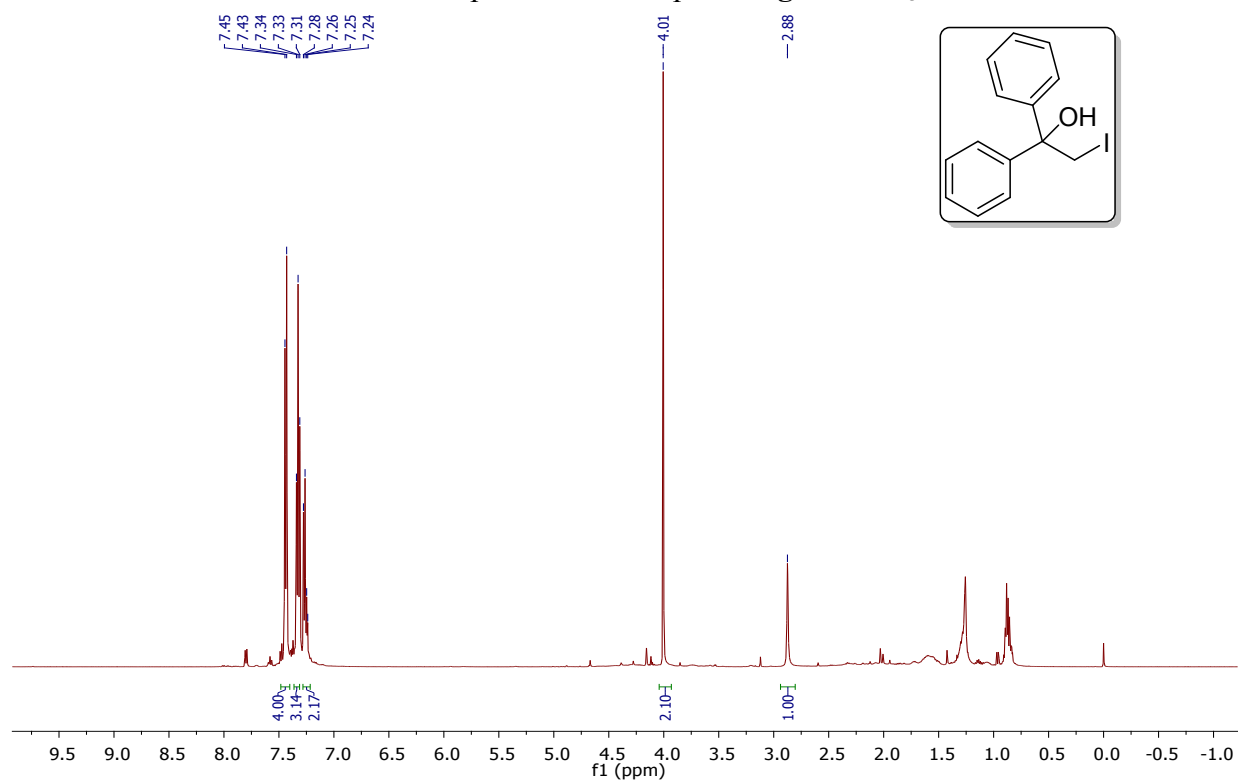
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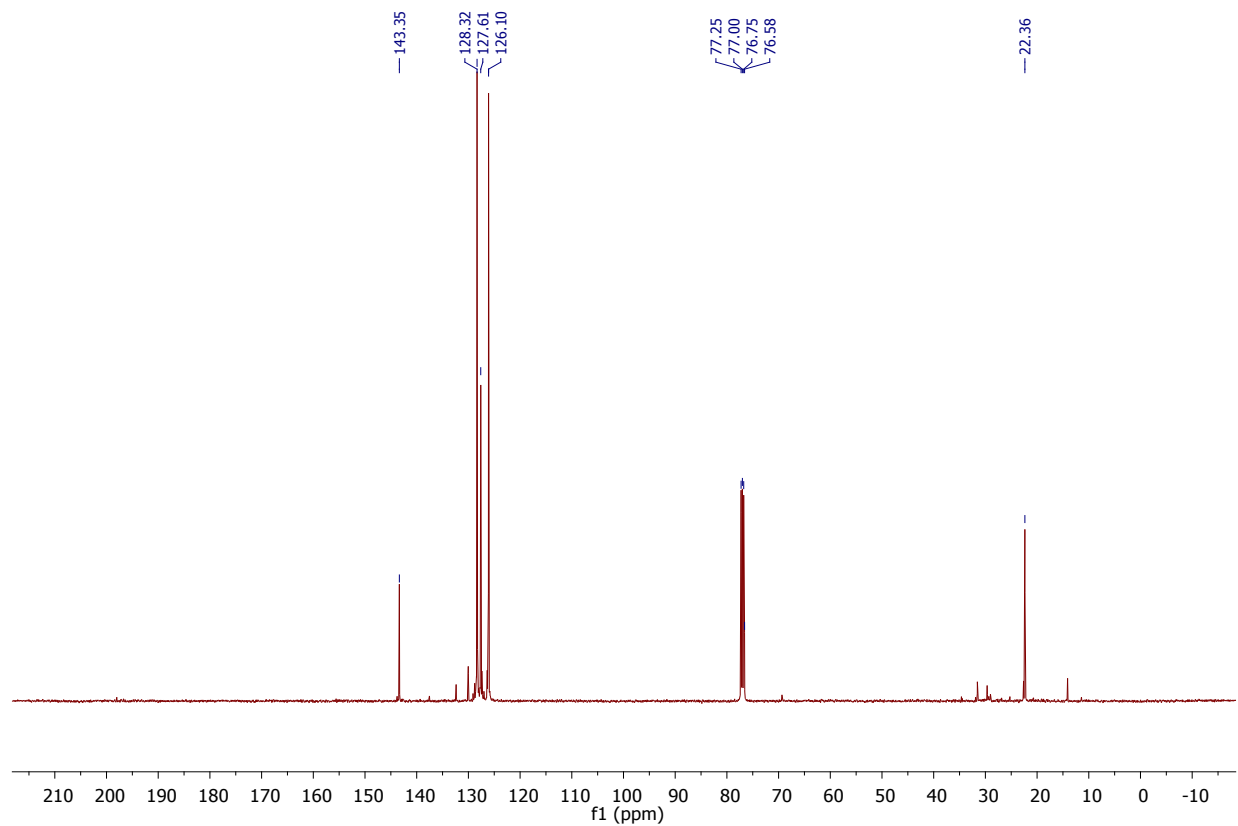
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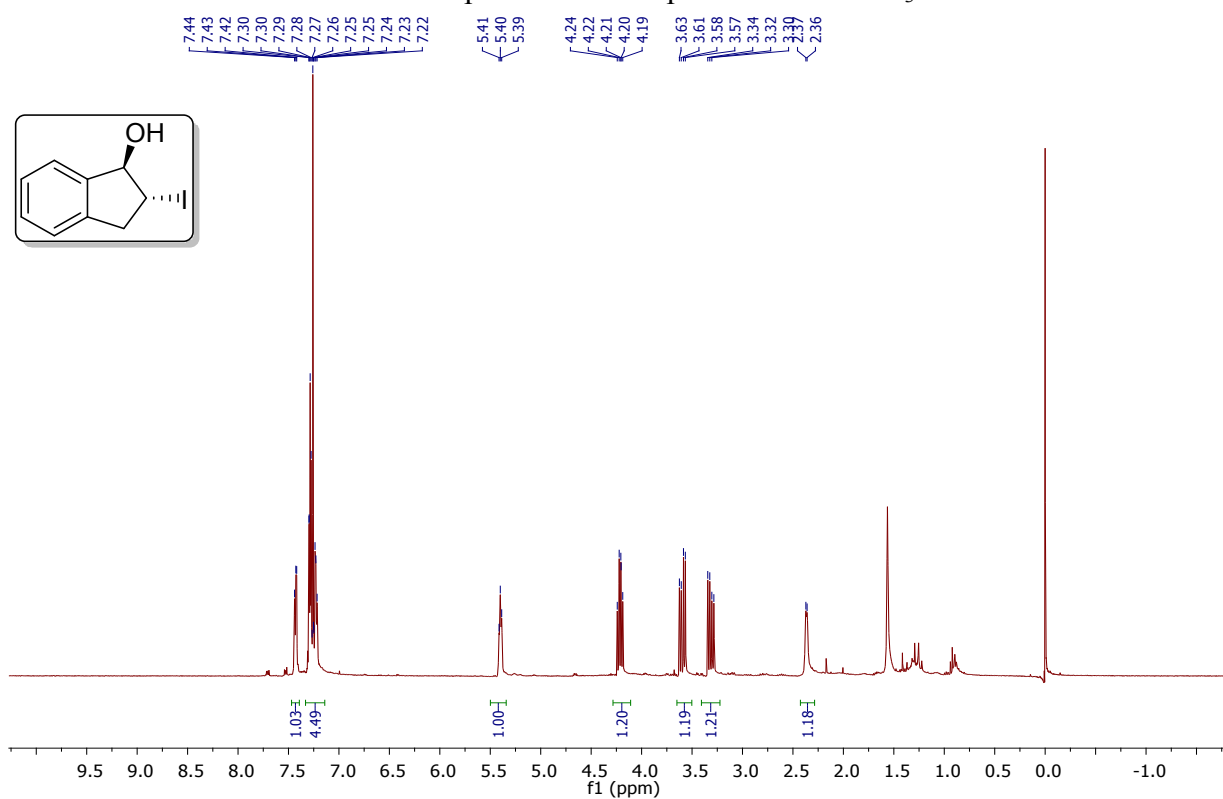
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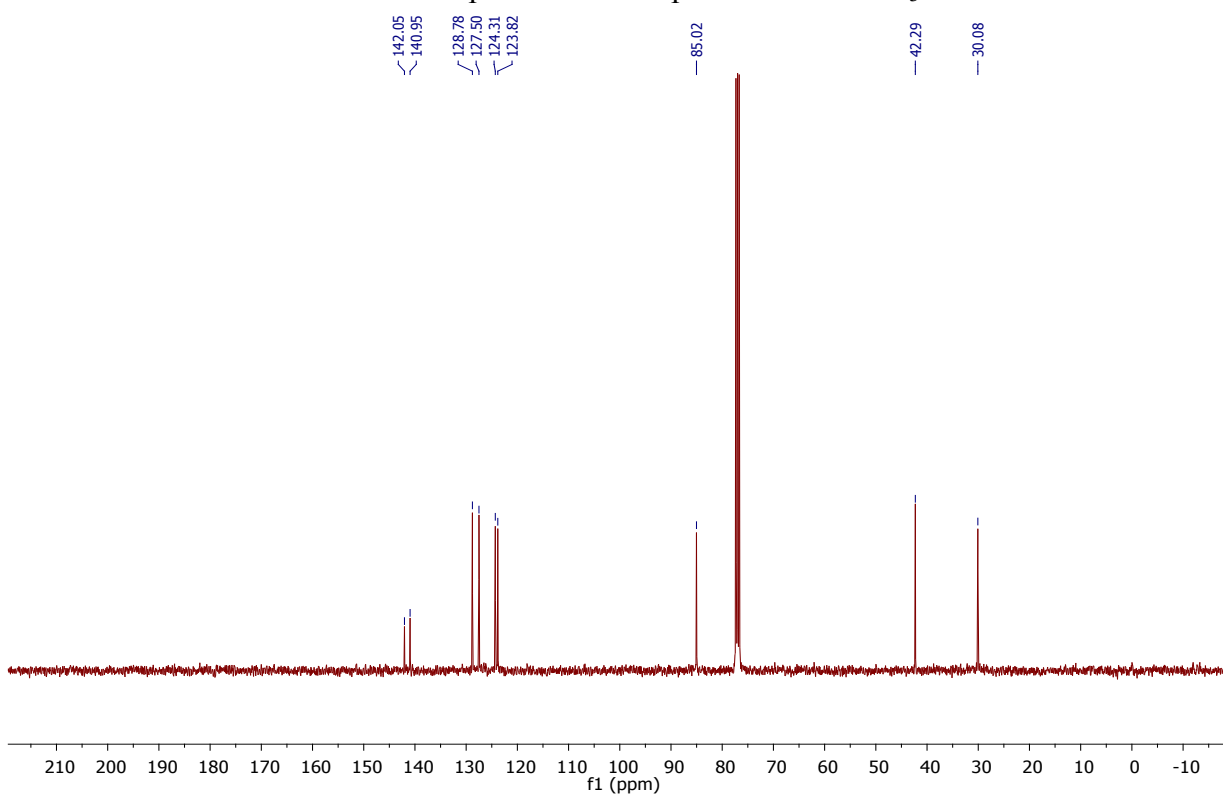
¹³C NMR Spectrum of compound **4g** in CDCl₃



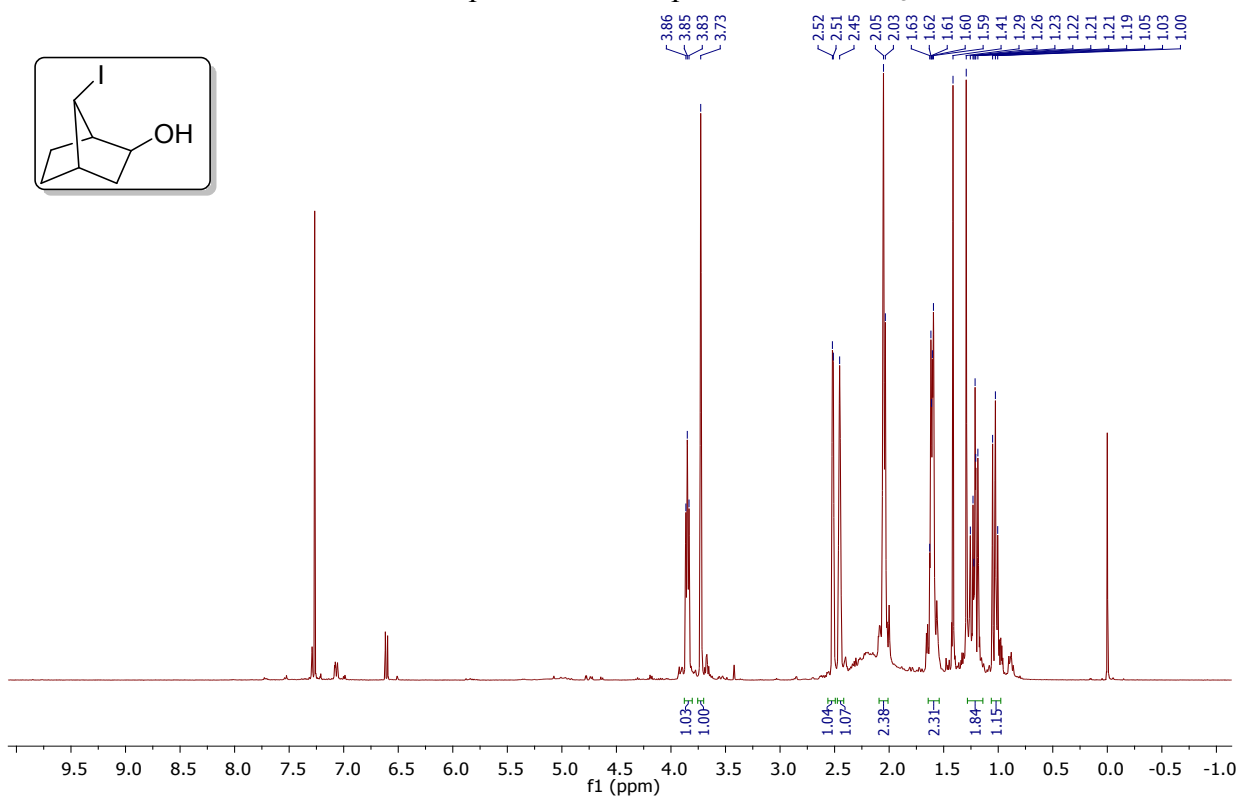
¹H NMR Spectrum of compound **4h** in CDCl₃



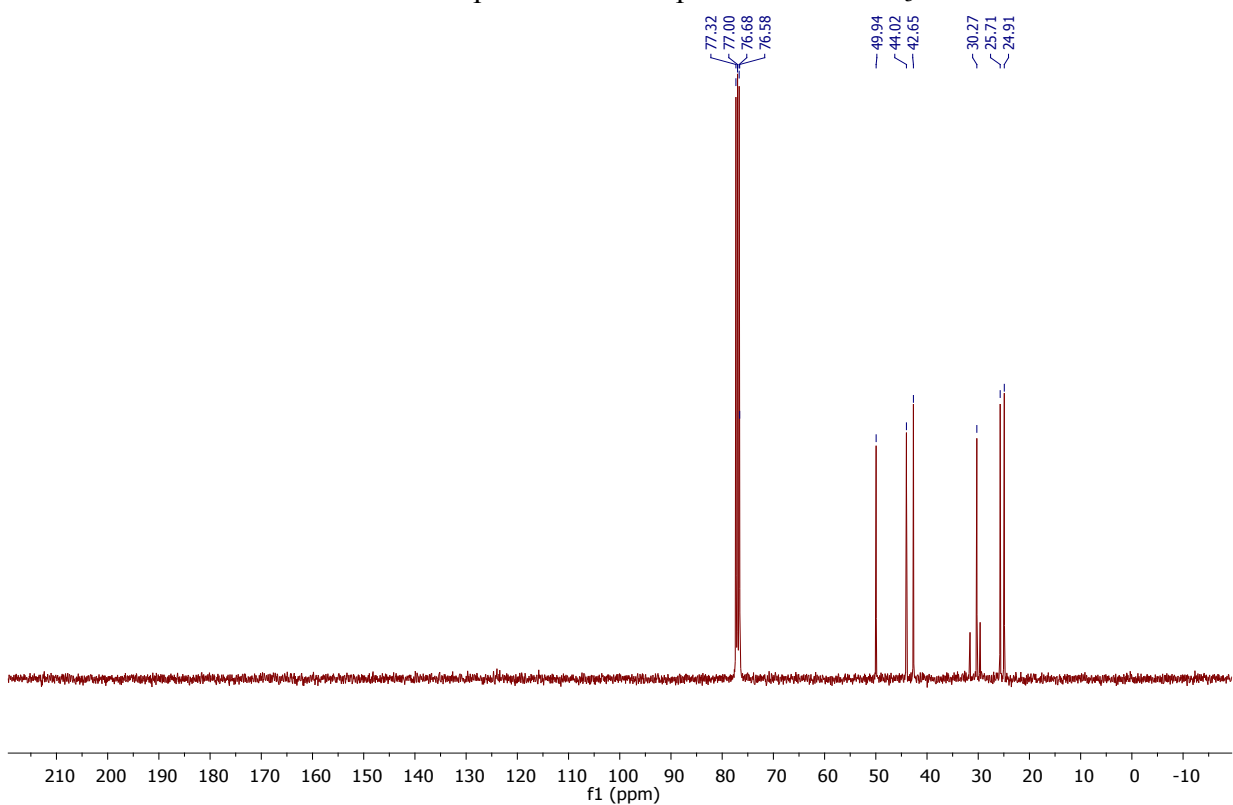
¹³C NMR Spectrum of compound **4h** in CDCl₃



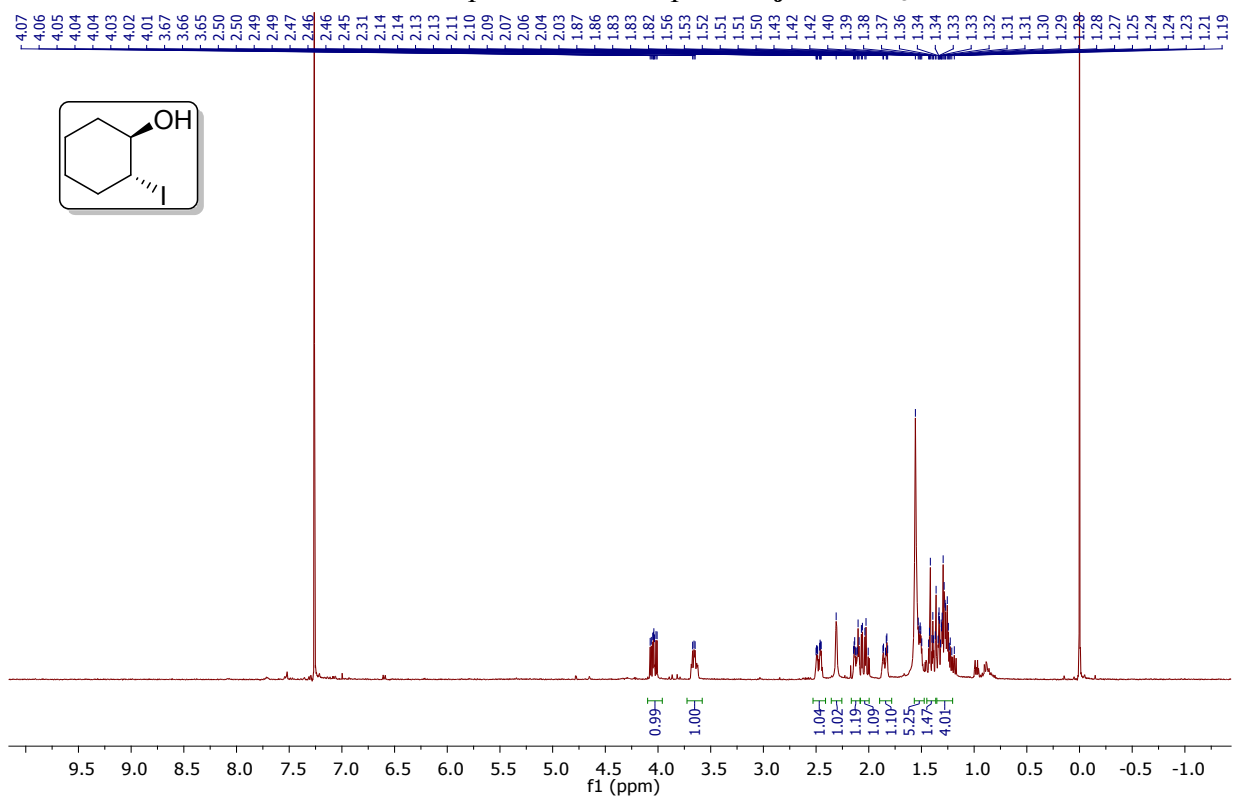
¹H NMR Spectrum of compound **4i** in CDCl₃



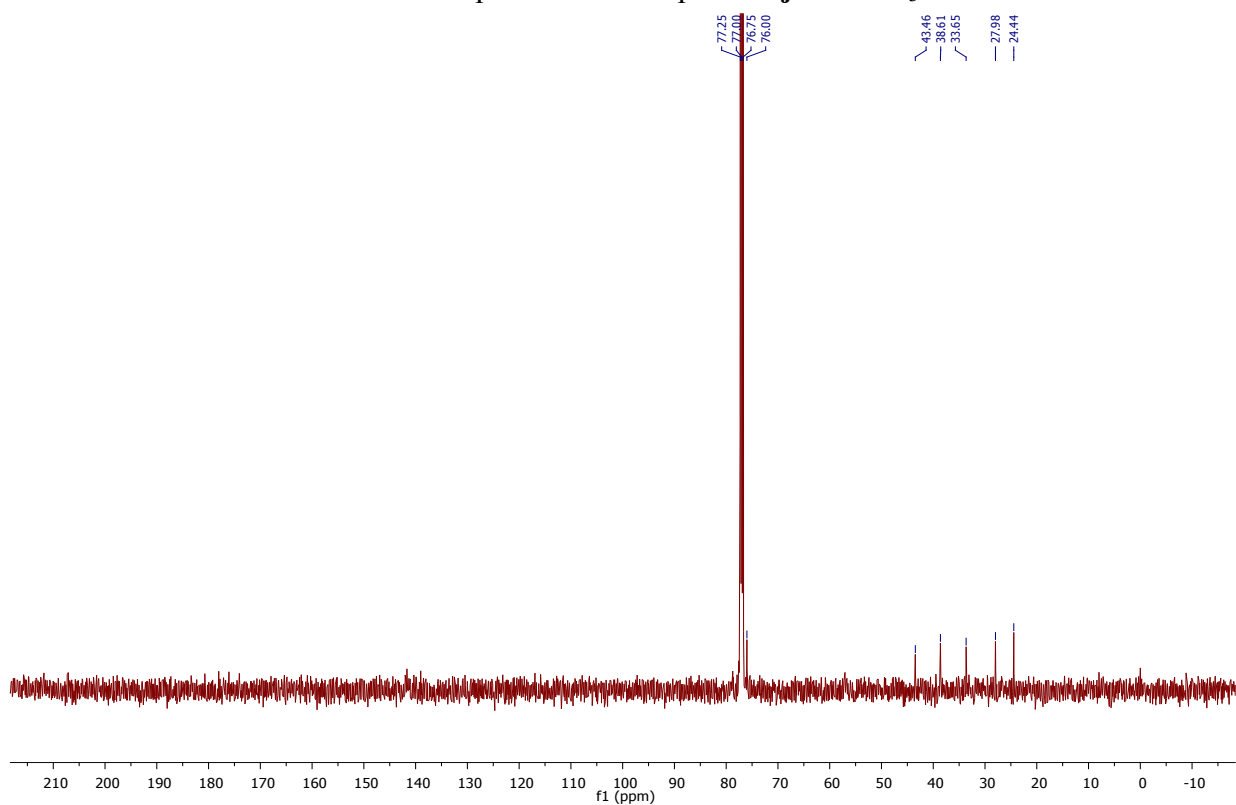
¹³C NMR Spectrum of compound **4i** in CDCl₃



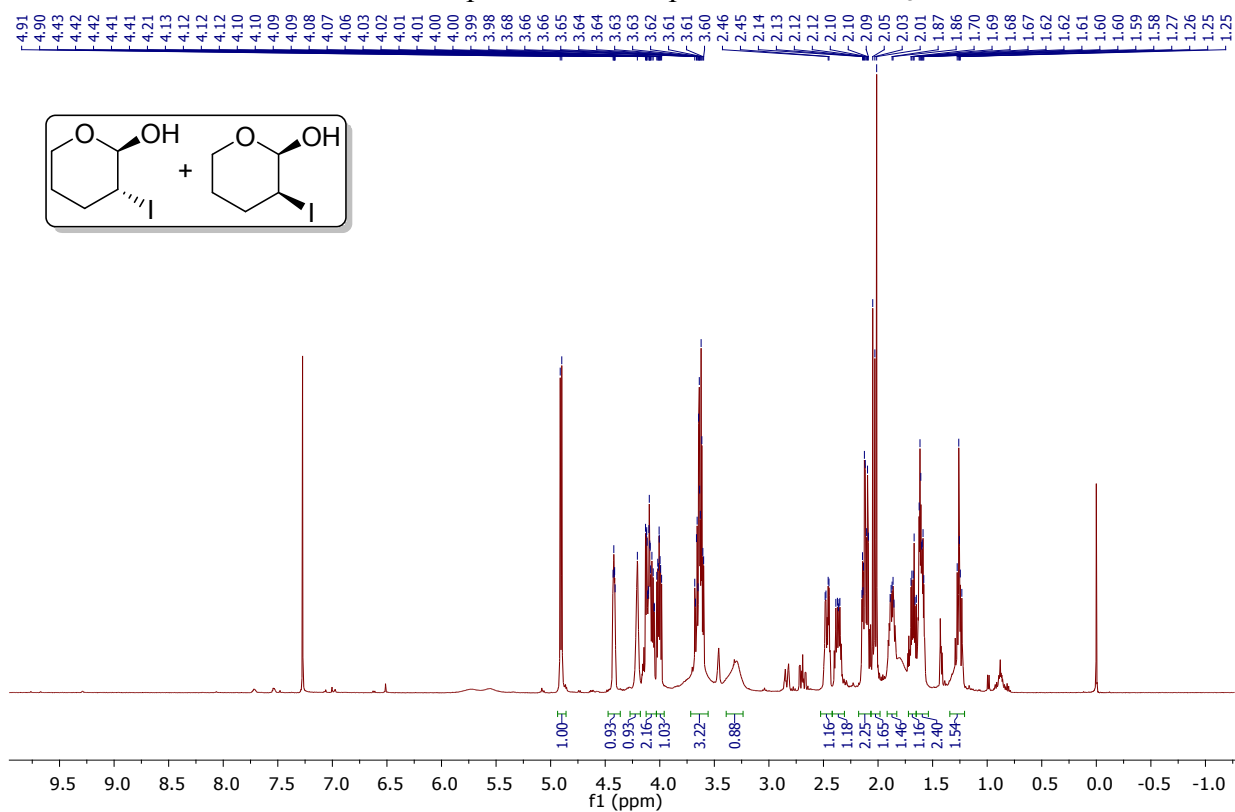
^1H NMR Spectrum of compound **4j** in CDCl_3



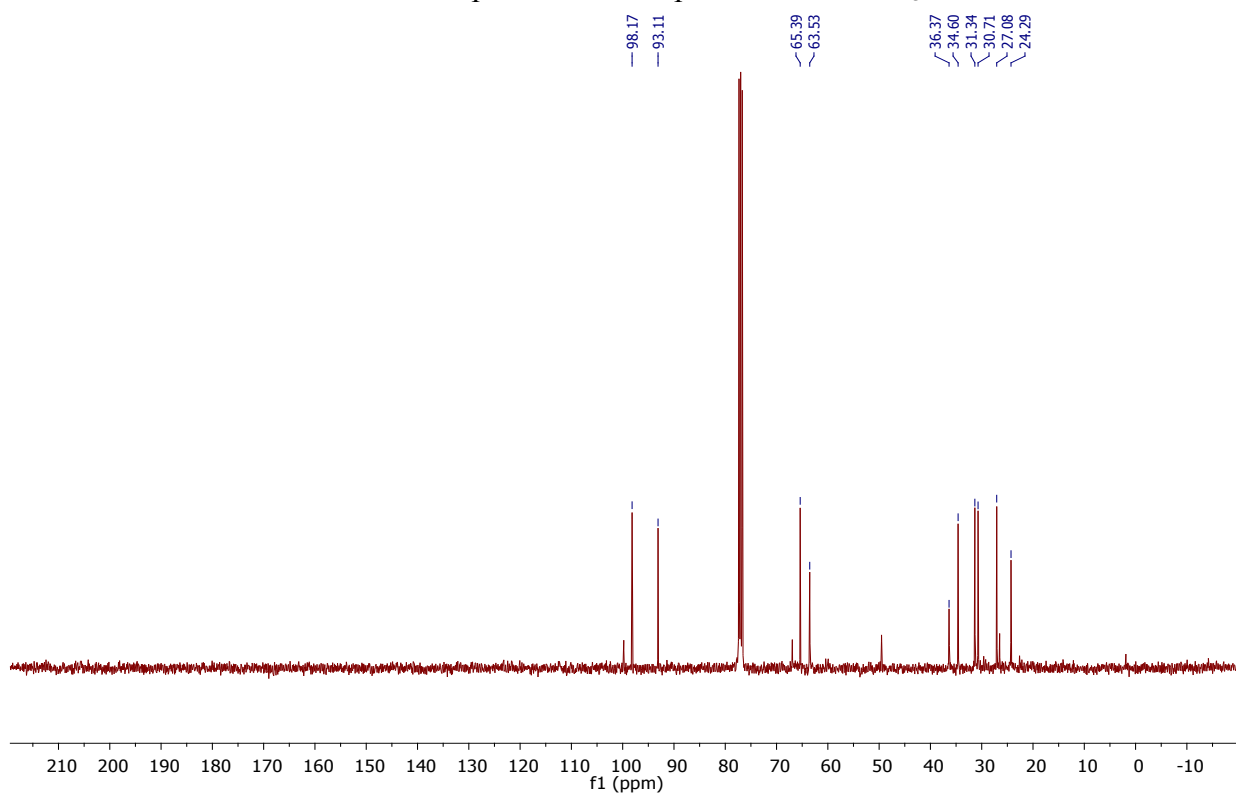
^{13}C NMR Spectrum of compound **4j** in CDCl_3



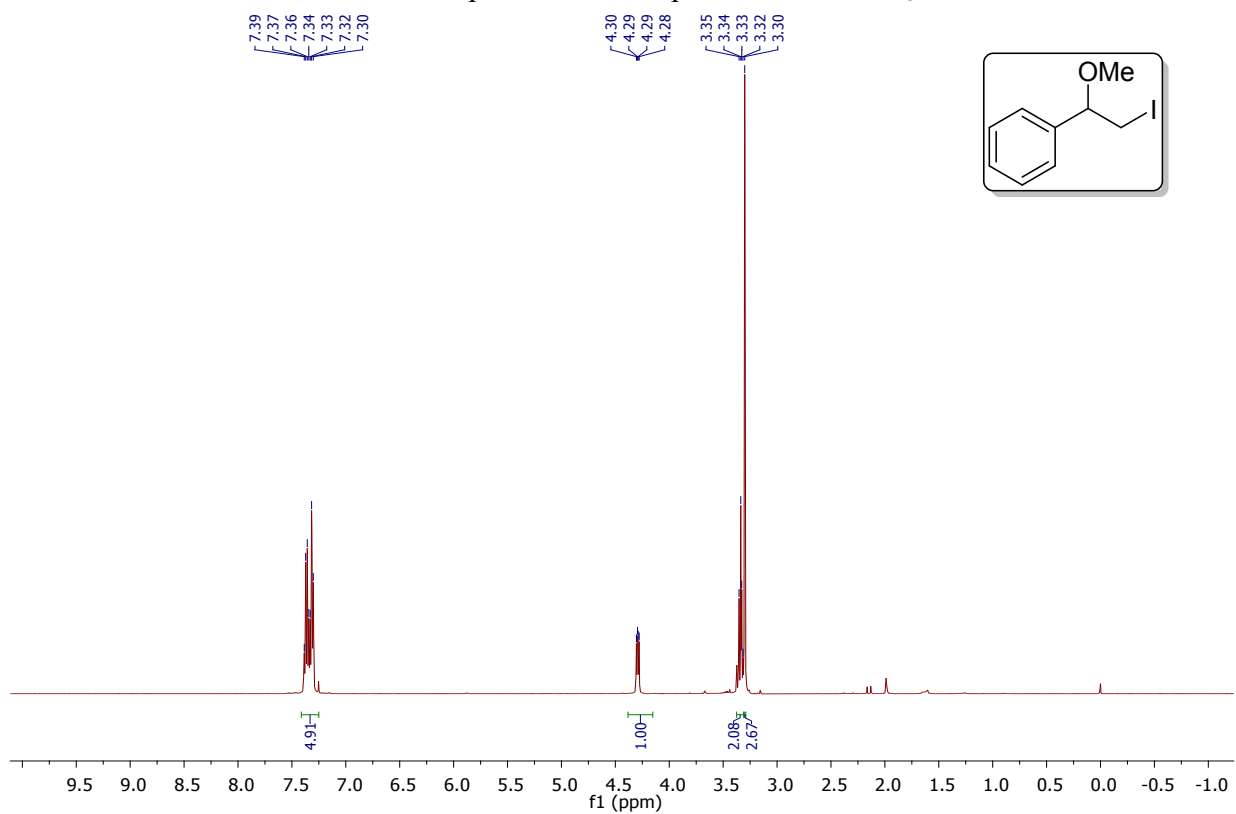
¹H NMR Spectrum of compound **4k** in CDCl₃



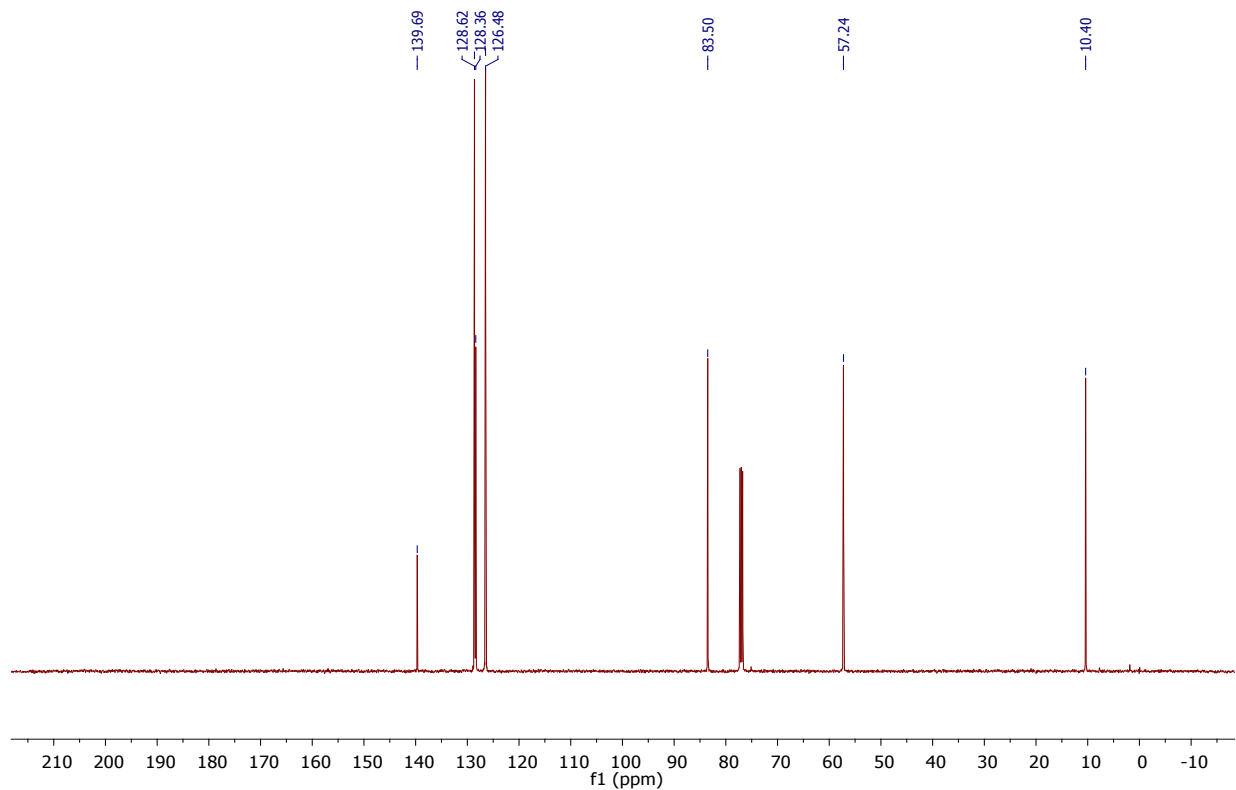
¹³C NMR Spectrum of compound **4k** in CDCl₃



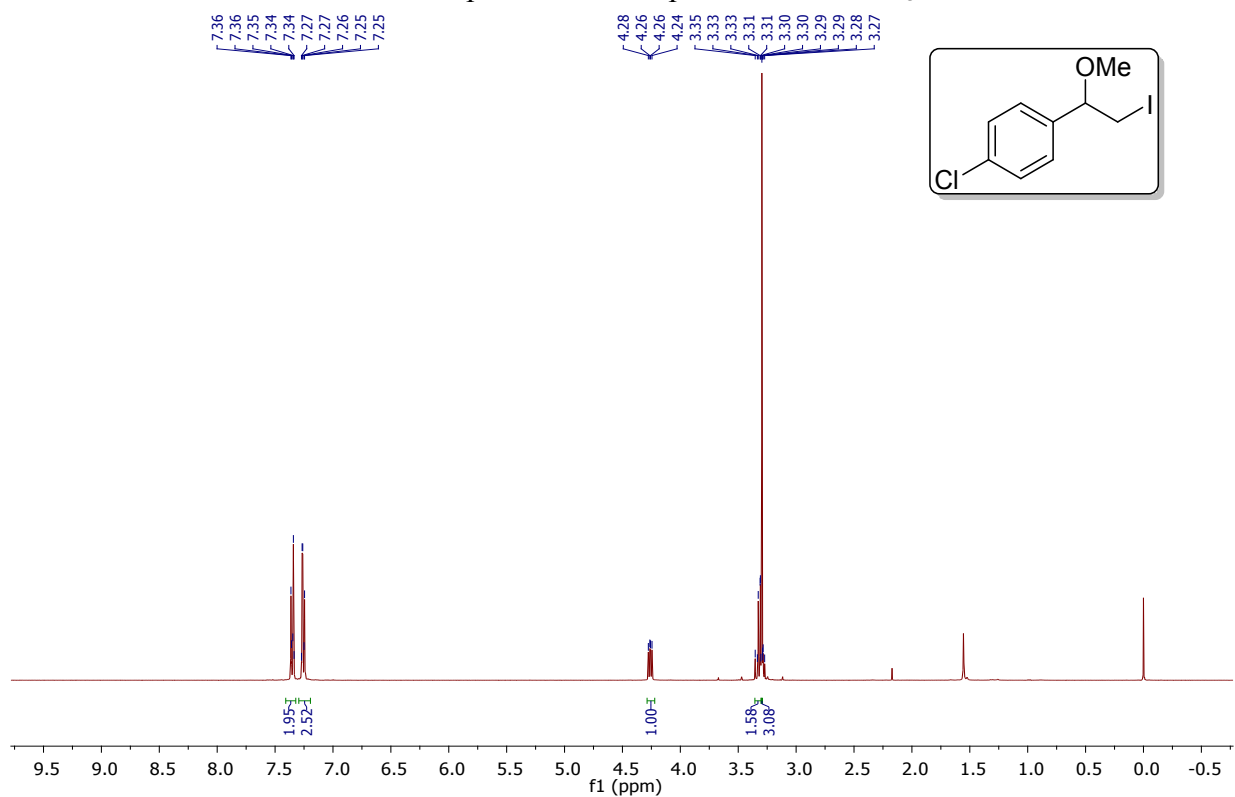
¹H NMR Spectrum of compound **5a** in CDCl₃



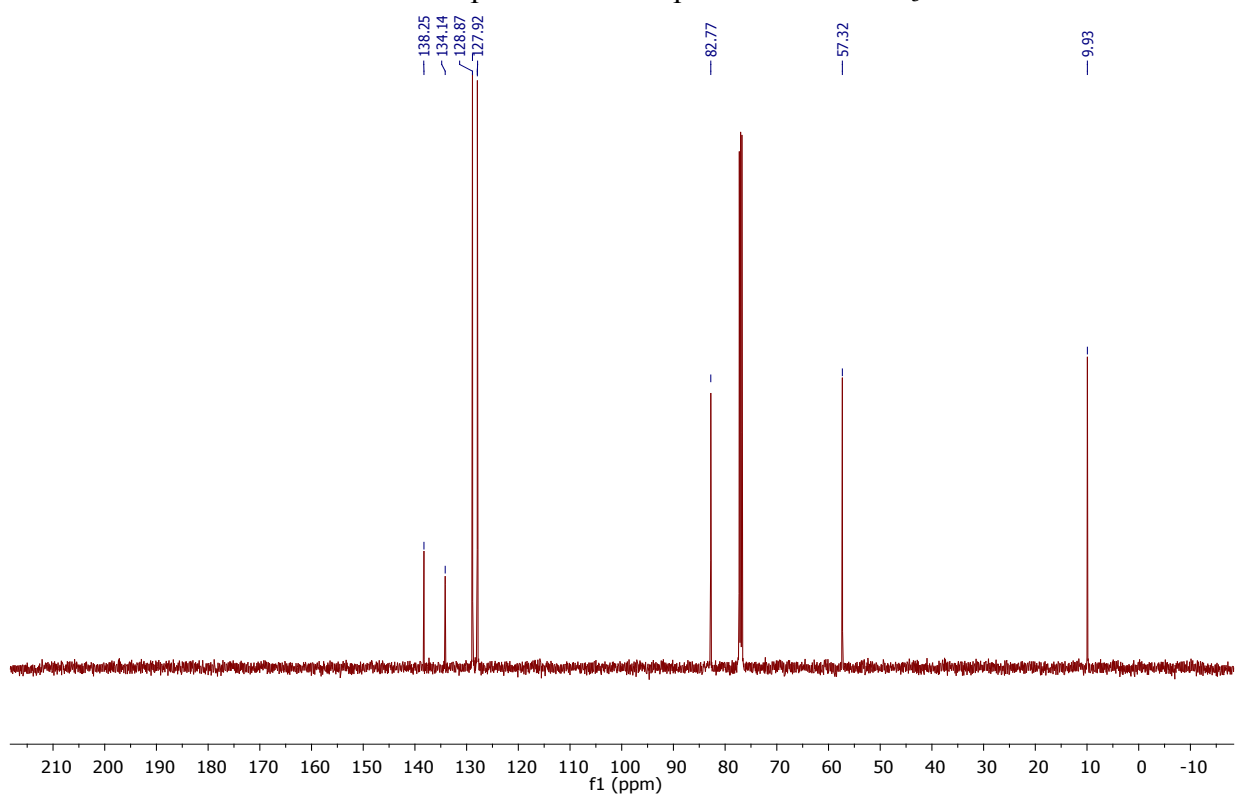
¹³C NMR Spectrum of compound **5a** in CDCl₃



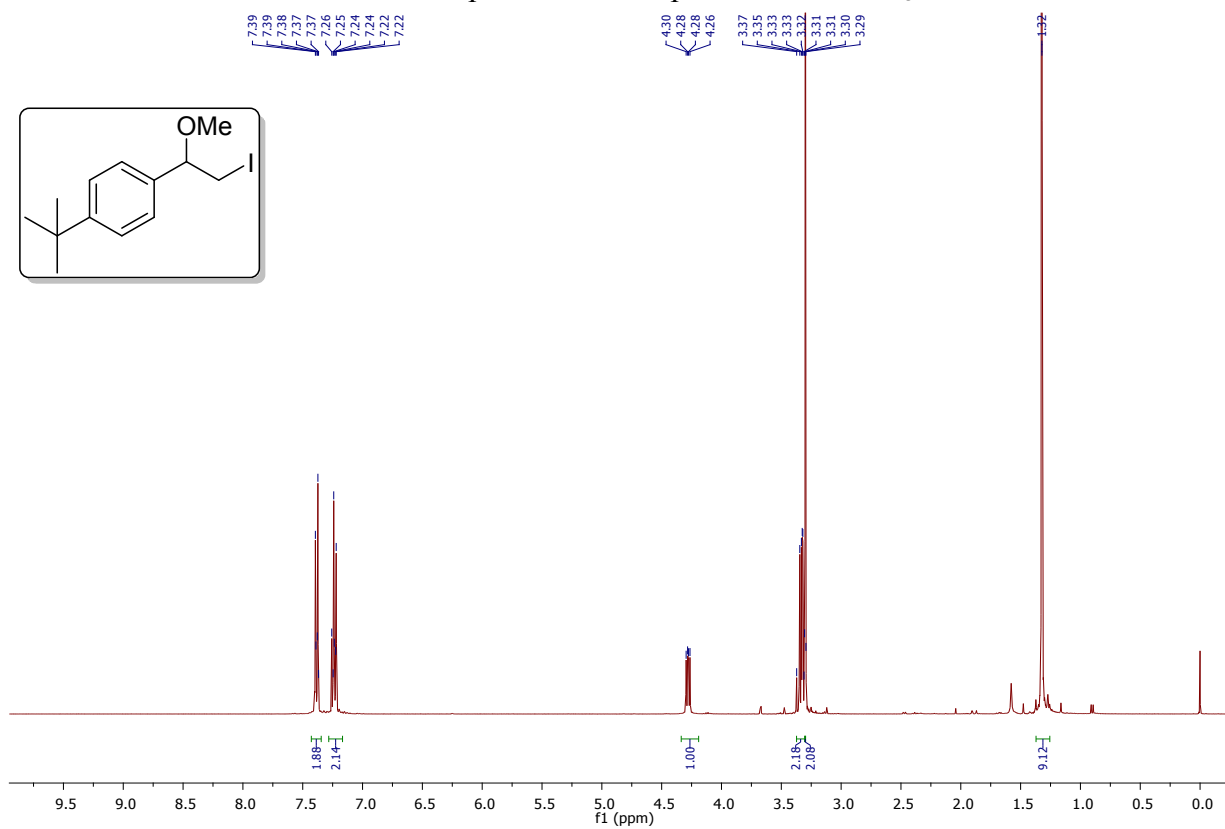
¹H NMR Spectrum of compound **5b** in CDCl₃



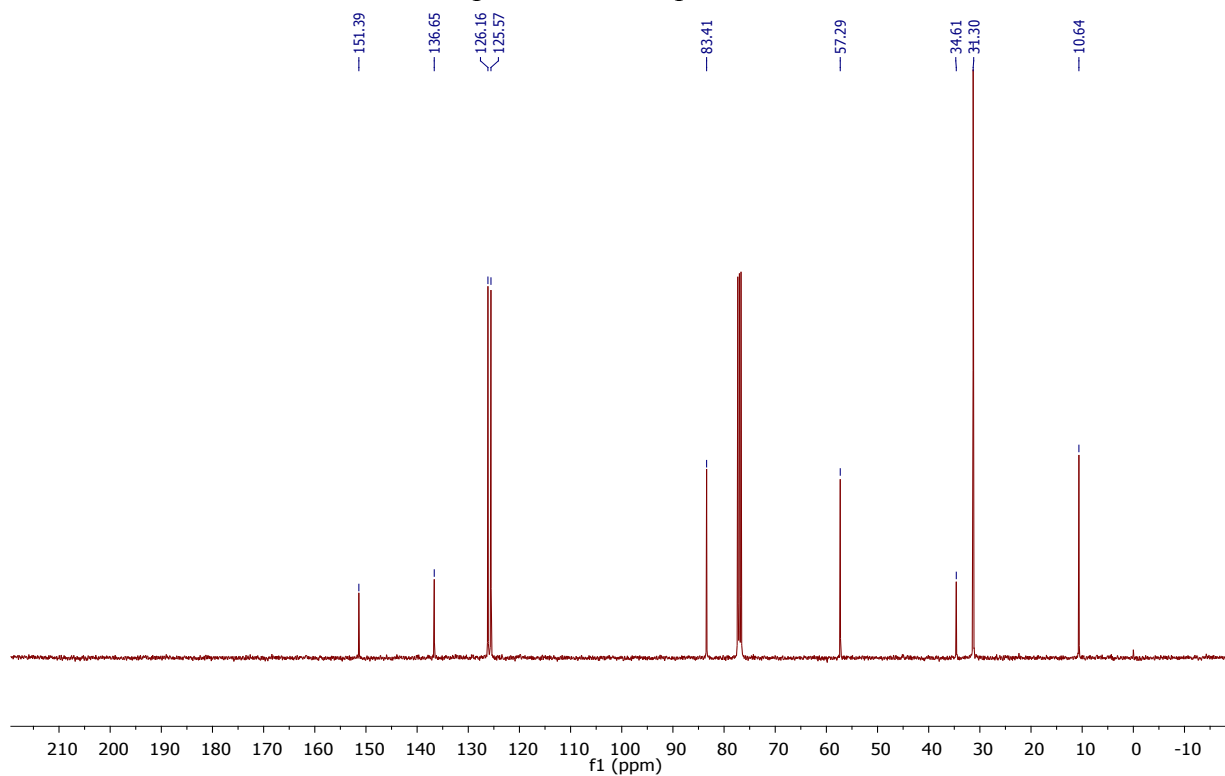
¹³C NMR Spectrum of compound **5b** in CDCl₃



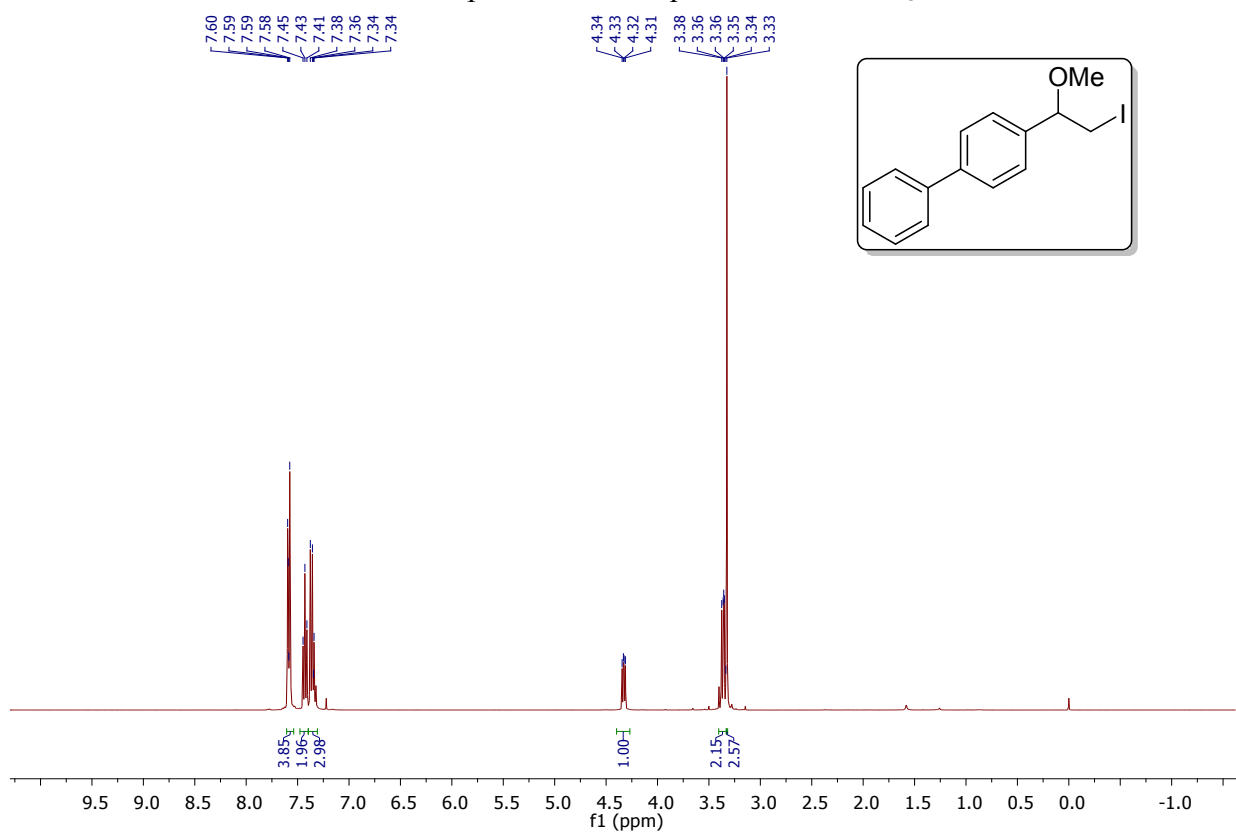
¹H NMR Spectrum of compound **5c** in CDCl₃



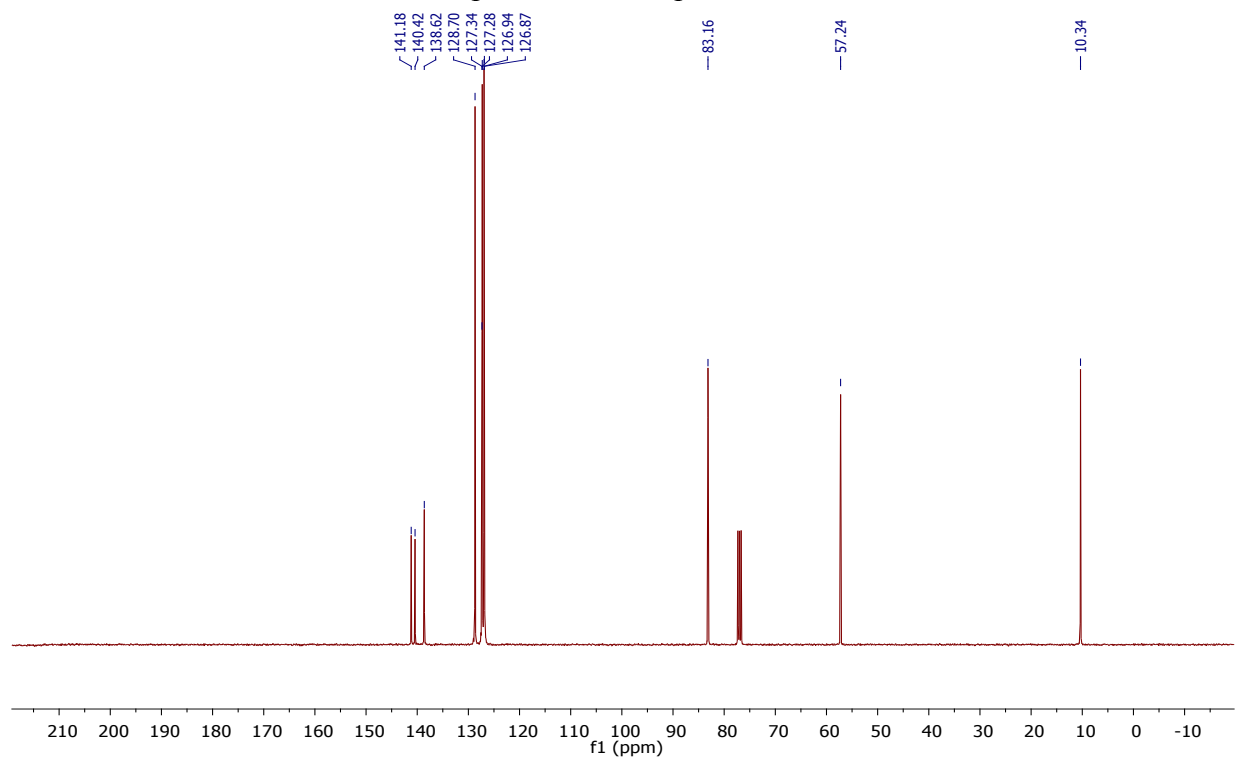
¹³C NMR Spectrum of compound **5c** in CDCl₃



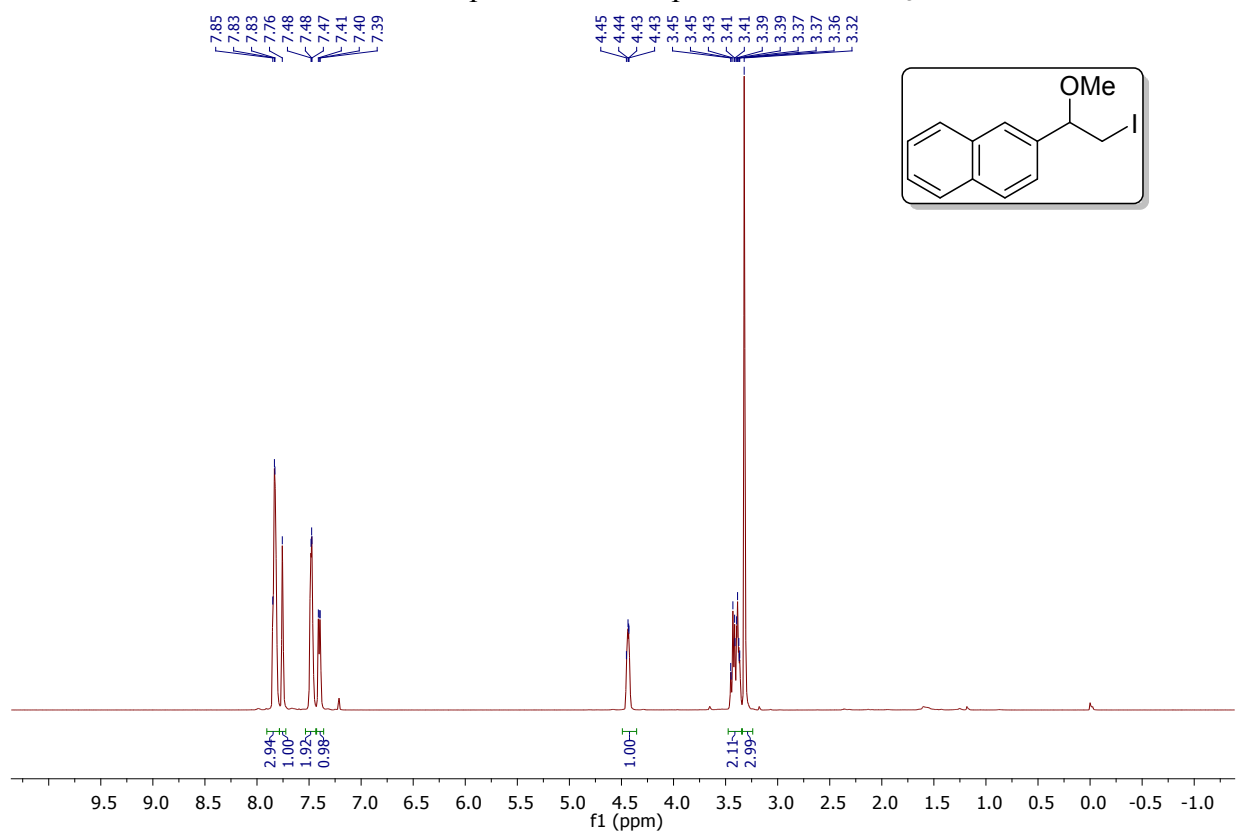
¹H NMR Spectrum of compound **5d** in CDCl₃



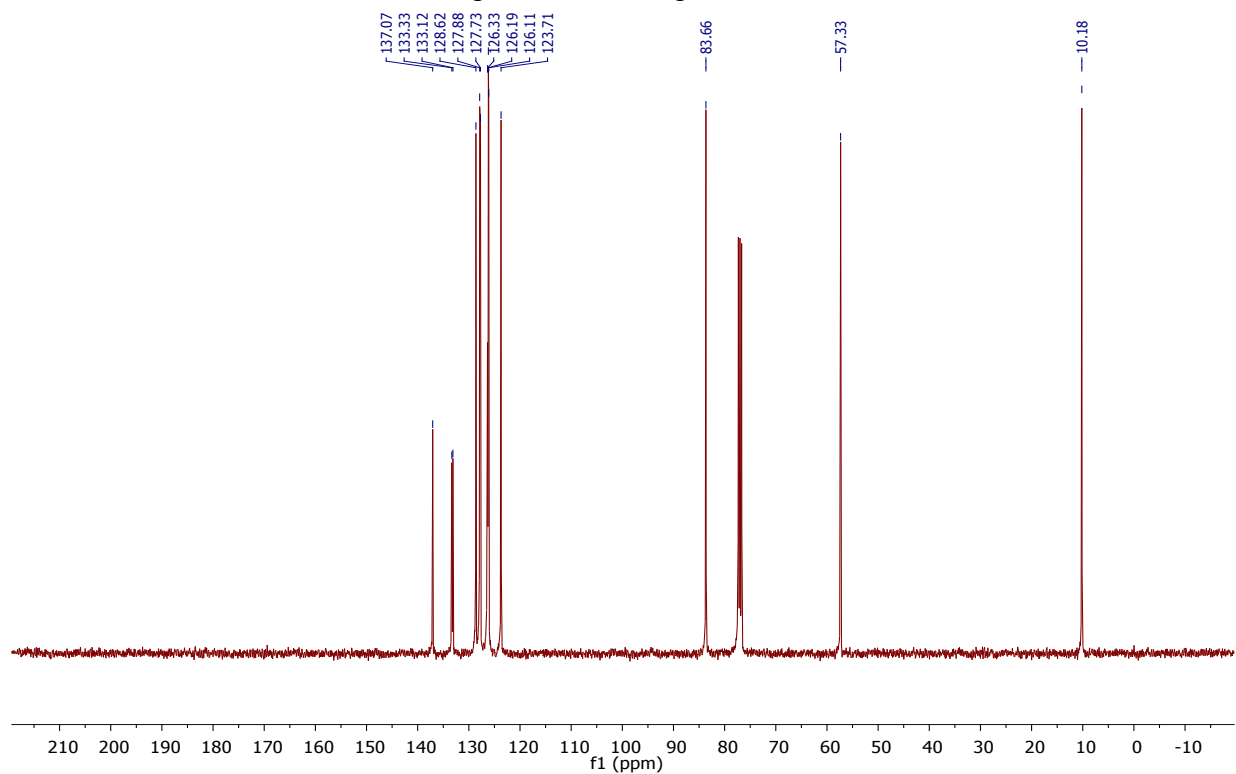
¹³C NMR Spectrum of compound **5d** in CDCl₃



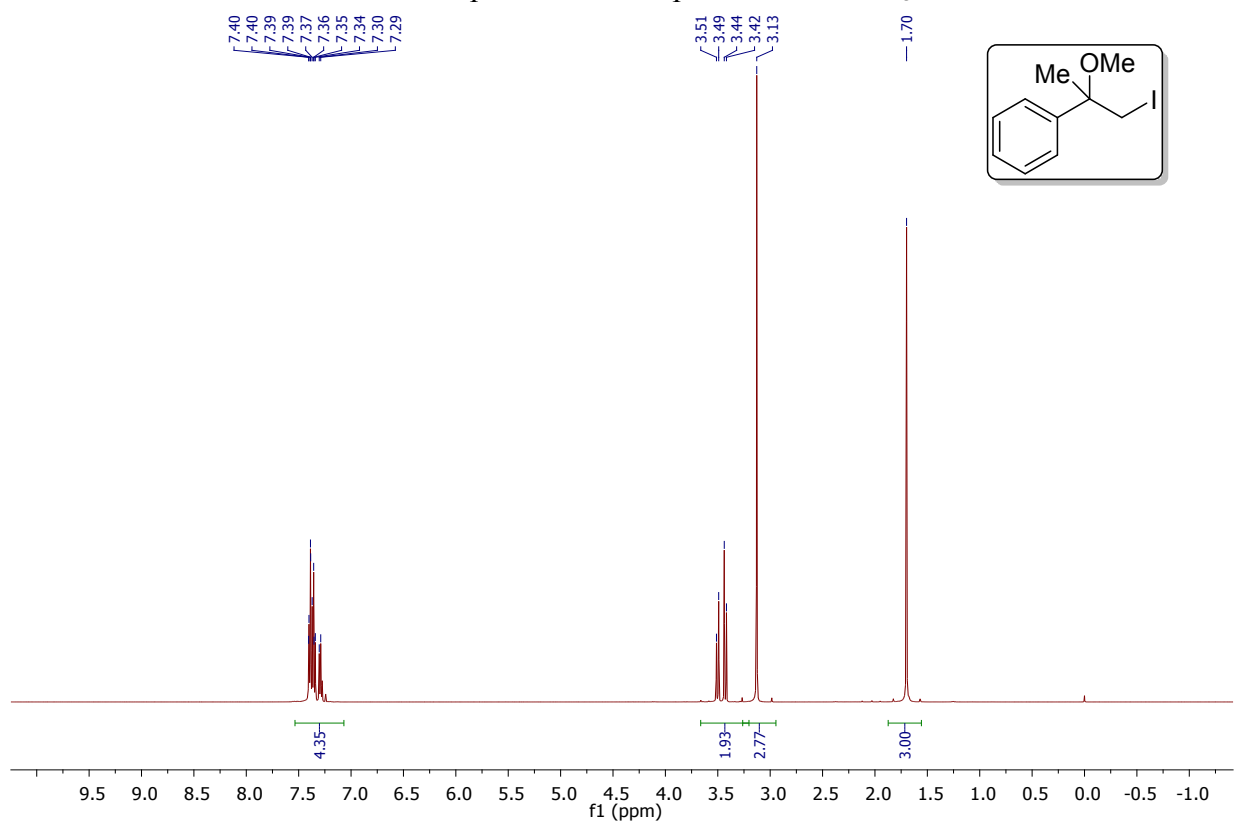
¹H NMR Spectrum of compound **5e** in CDCl₃



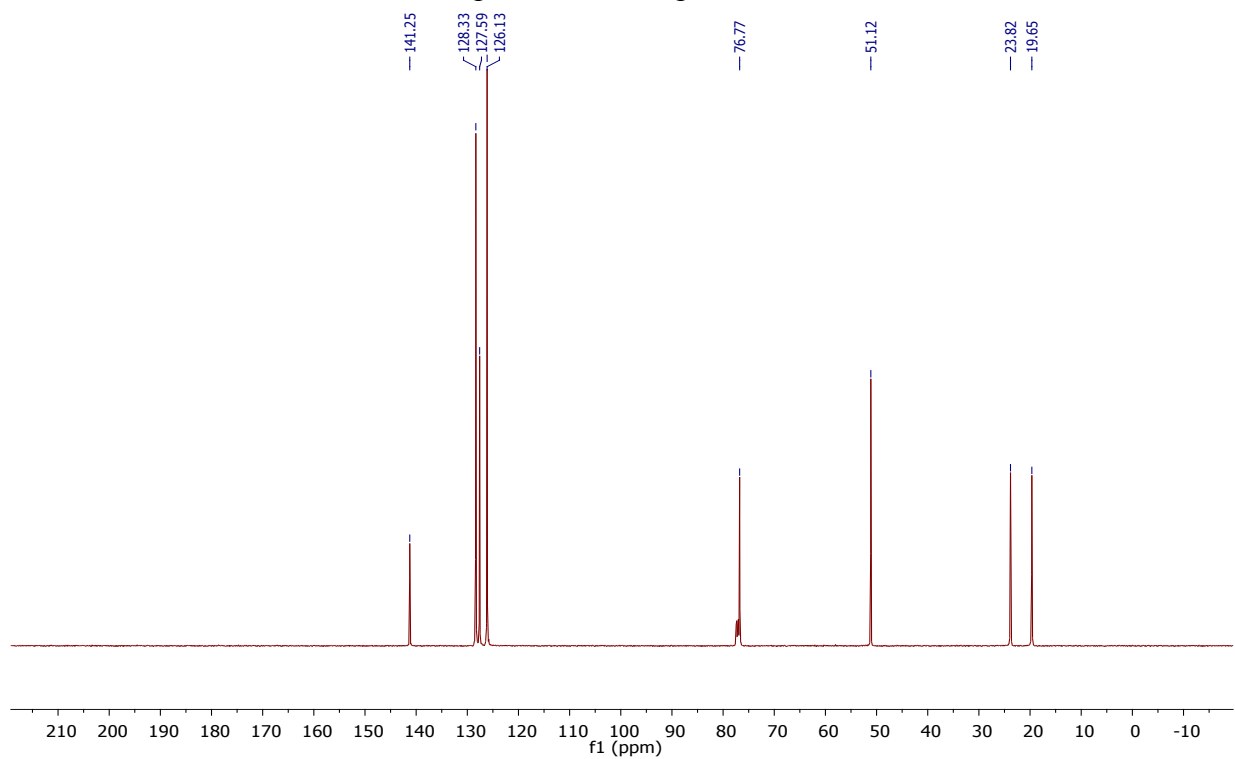
¹³C NMR Spectrum of compound **5e** in CDCl₃



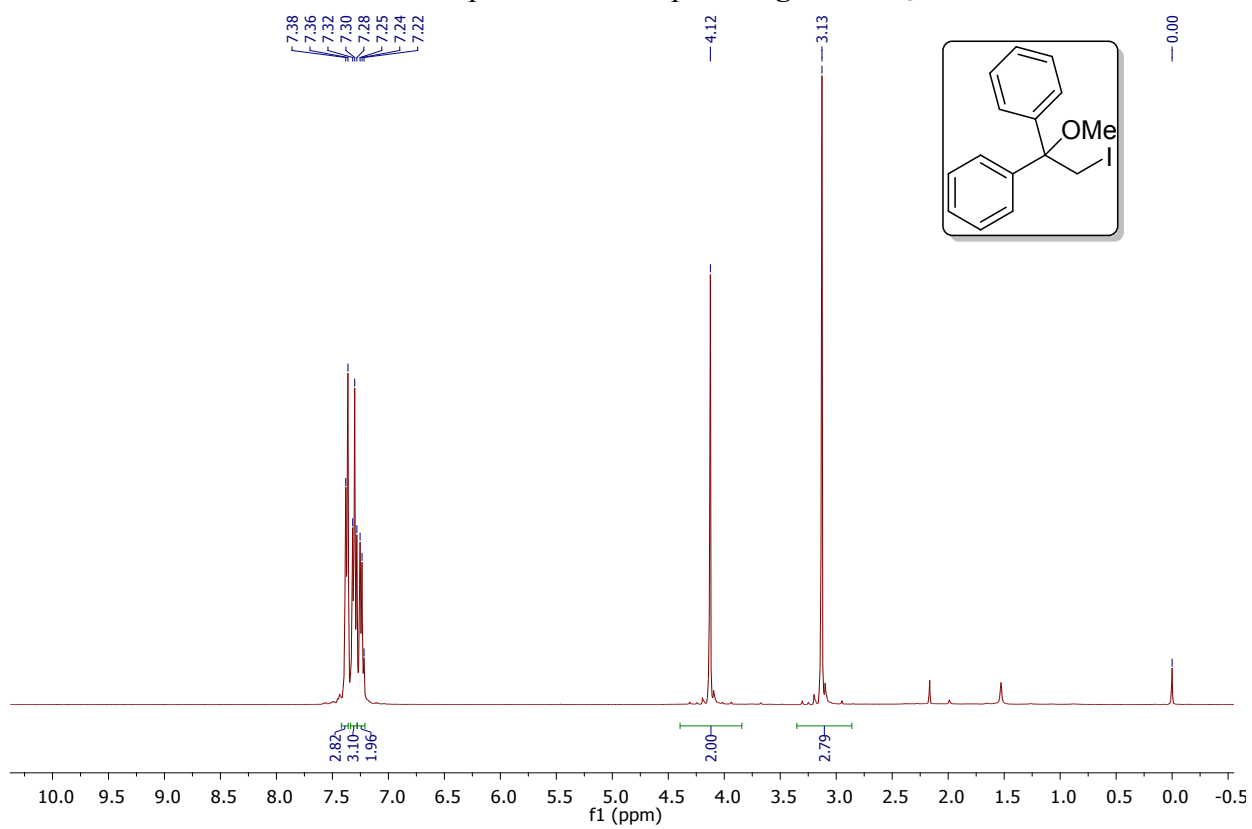
¹H NMR Spectrum of compound **5f** in CDCl₃



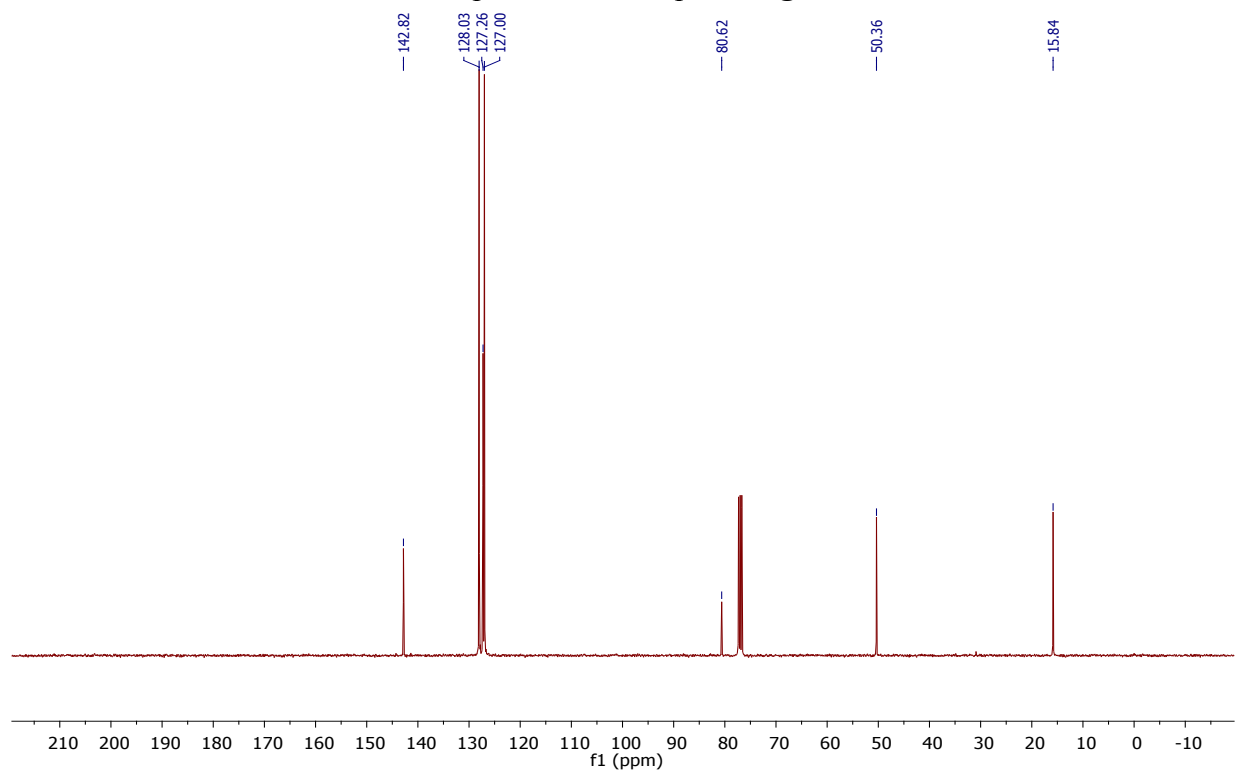
¹³C NMR Spectrum of compound **5f** in CDCl₃



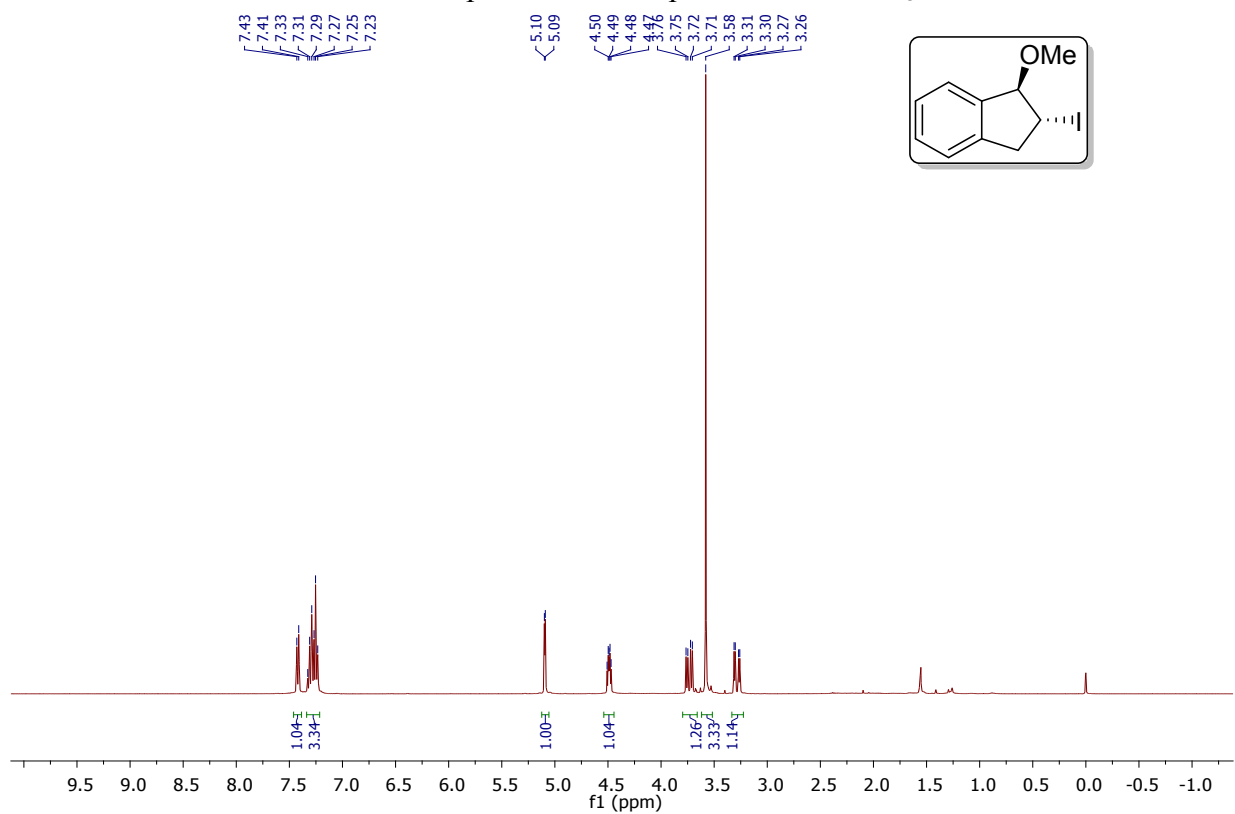
¹H NMR Spectrum of compound **5g** in CDCl₃



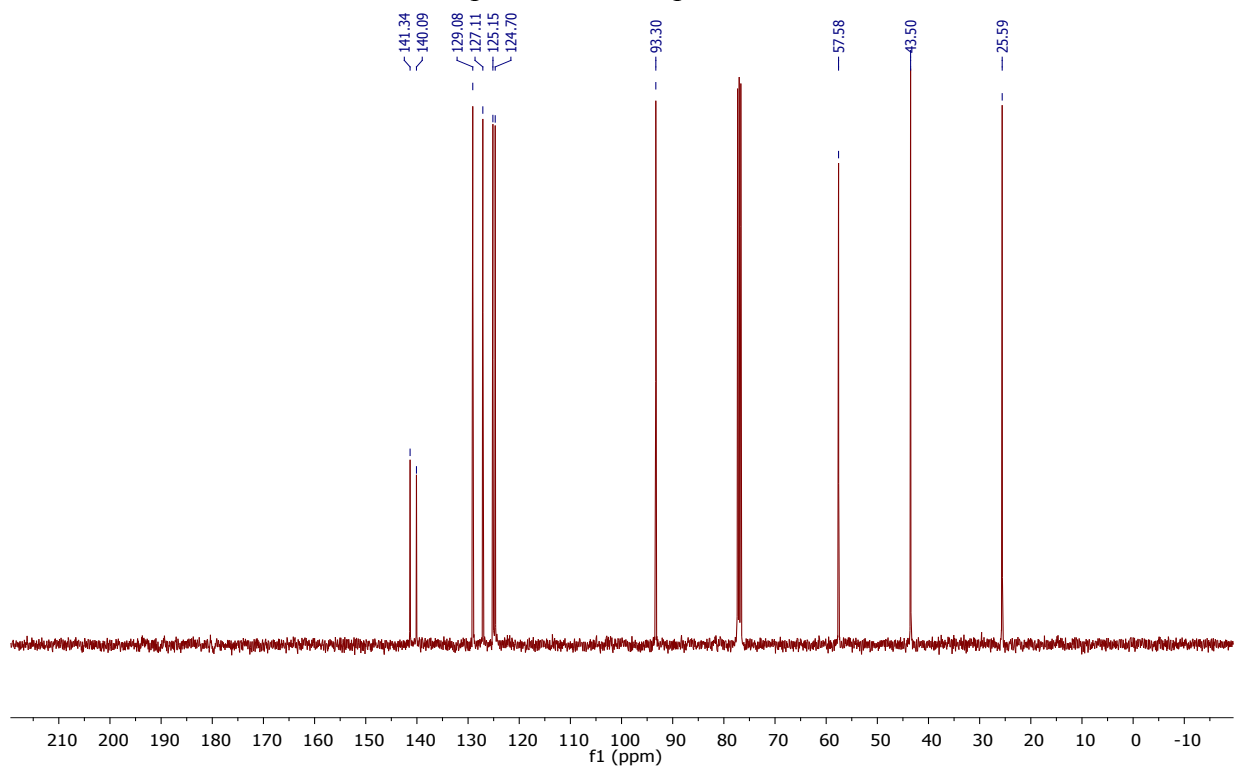
¹³C NMR Spectrum of compound **5g** in CDCl₃



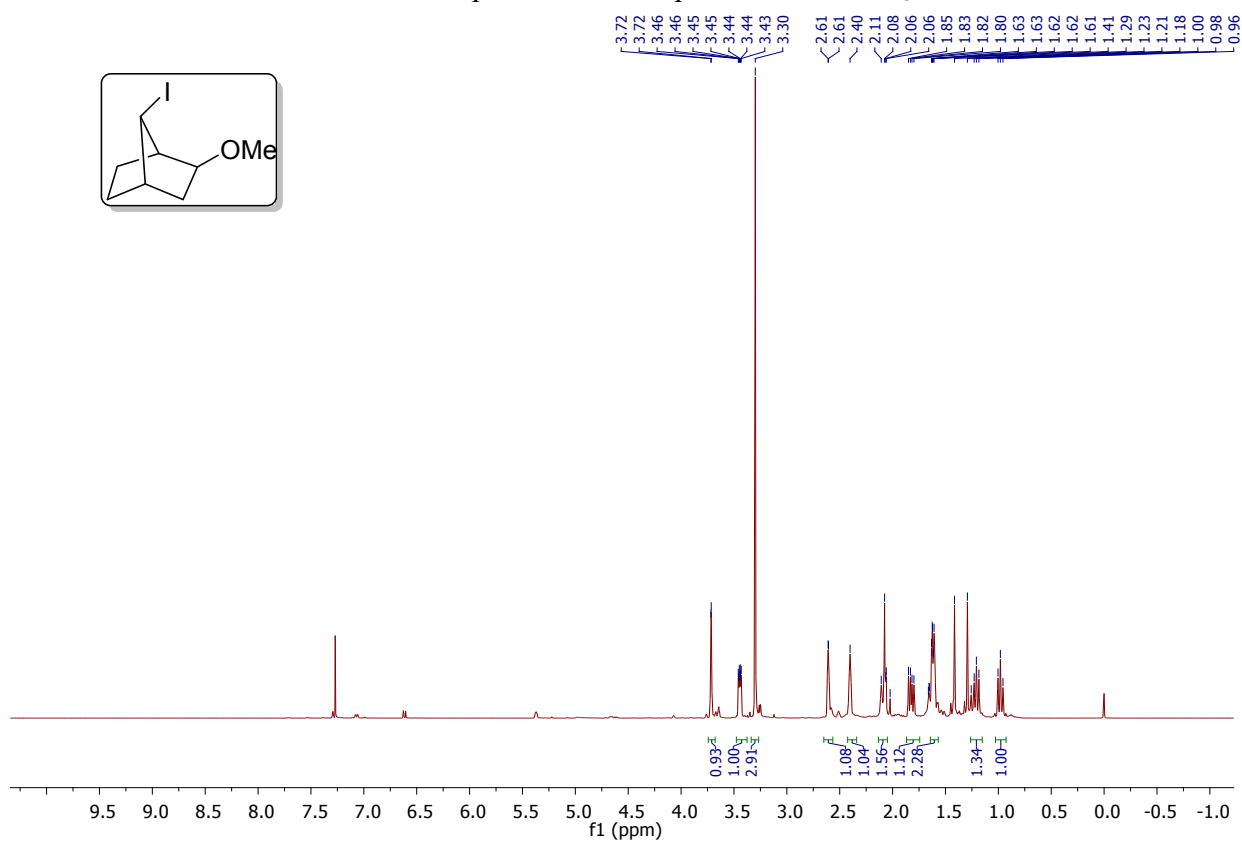
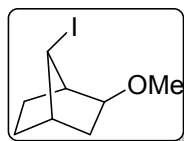
¹H NMR Spectrum of compound **5h** in CDCl₃



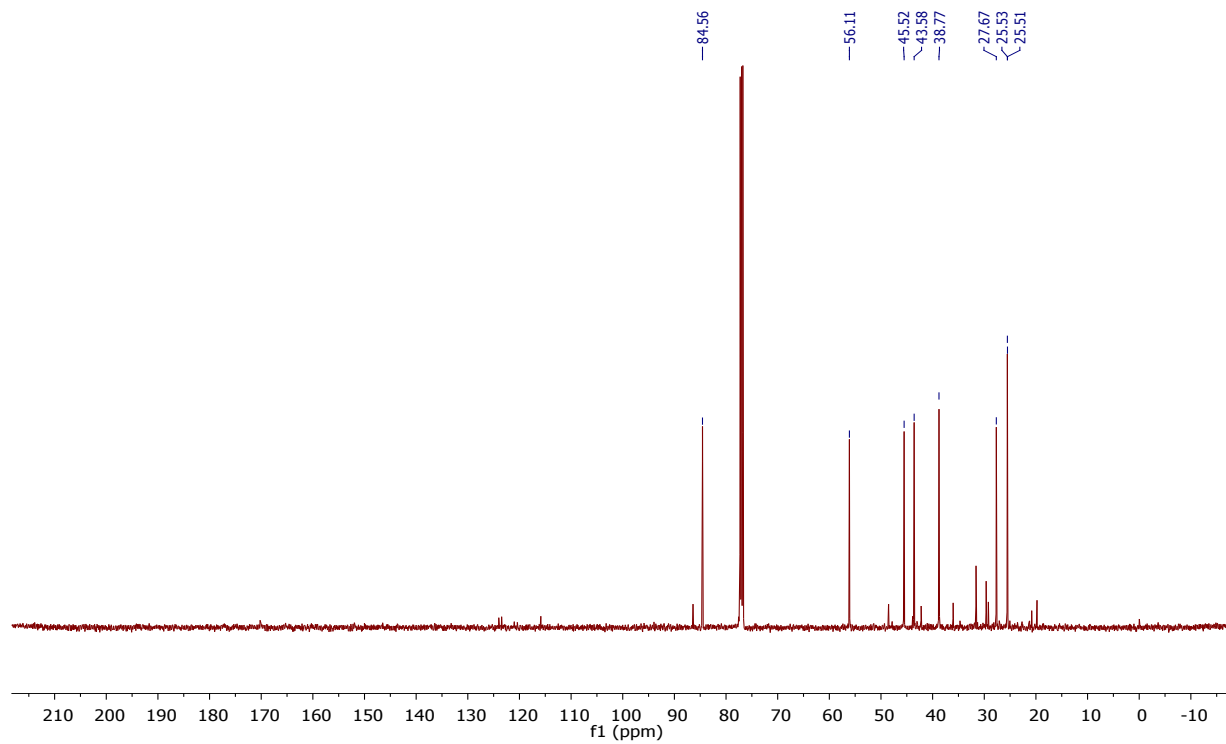
¹³C NMR Spectrum of compound **5h** in CDCl₃



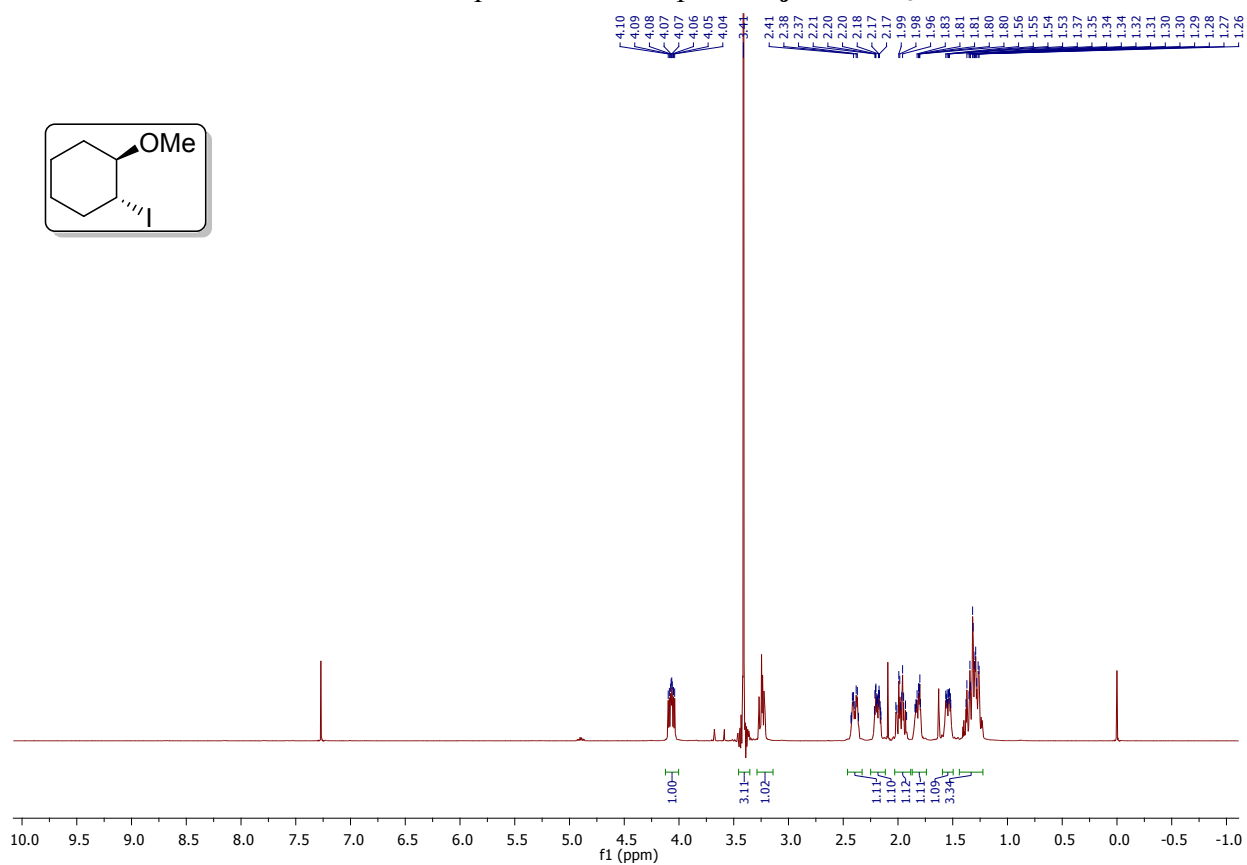
¹H NMR Spectrum of compound **5i** in CDCl₃



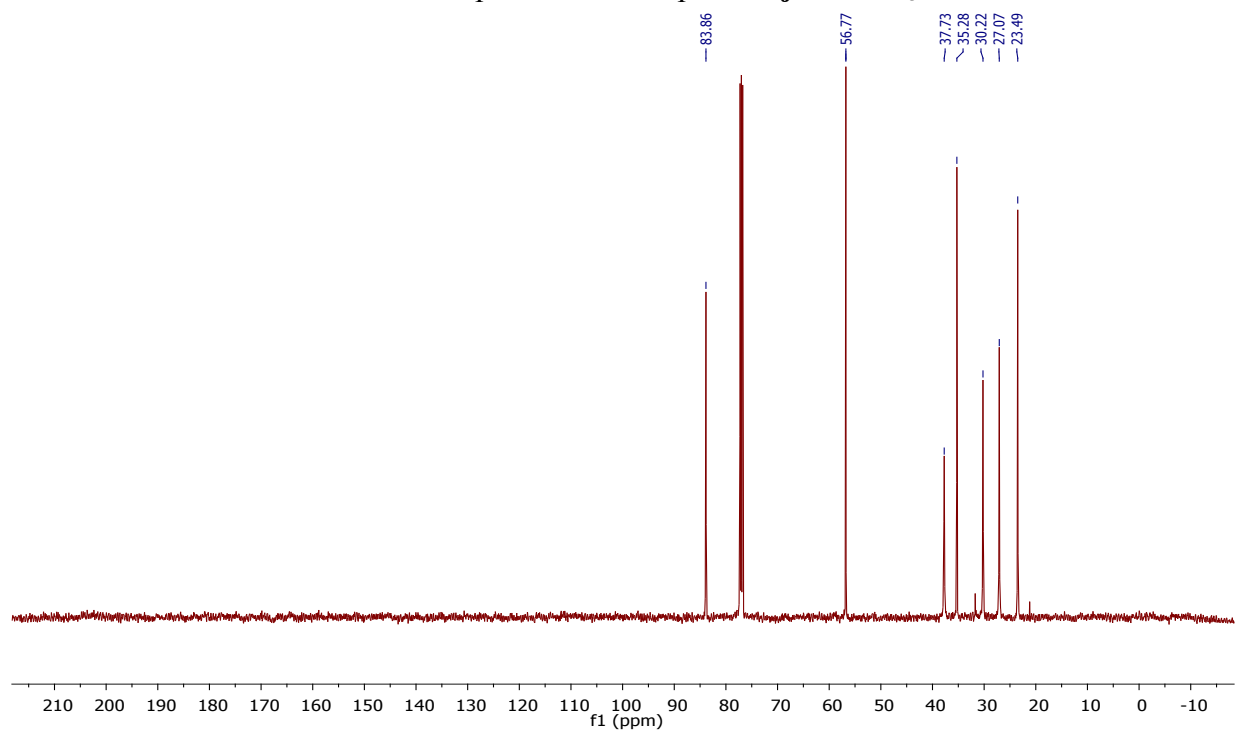
¹³C NMR Spectrum of compound **5i** in CDCl₃



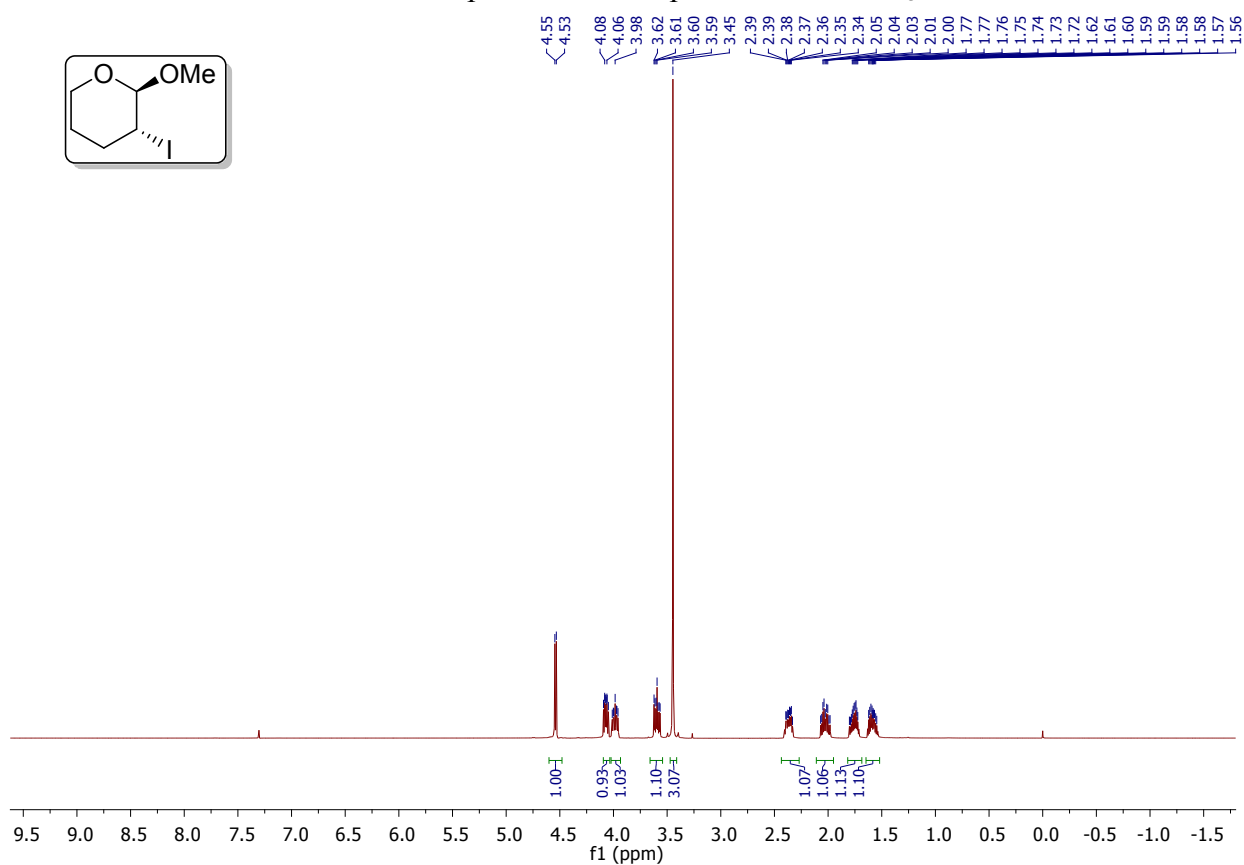
¹H NMR Spectrum of compound **5j** in CDCl₃



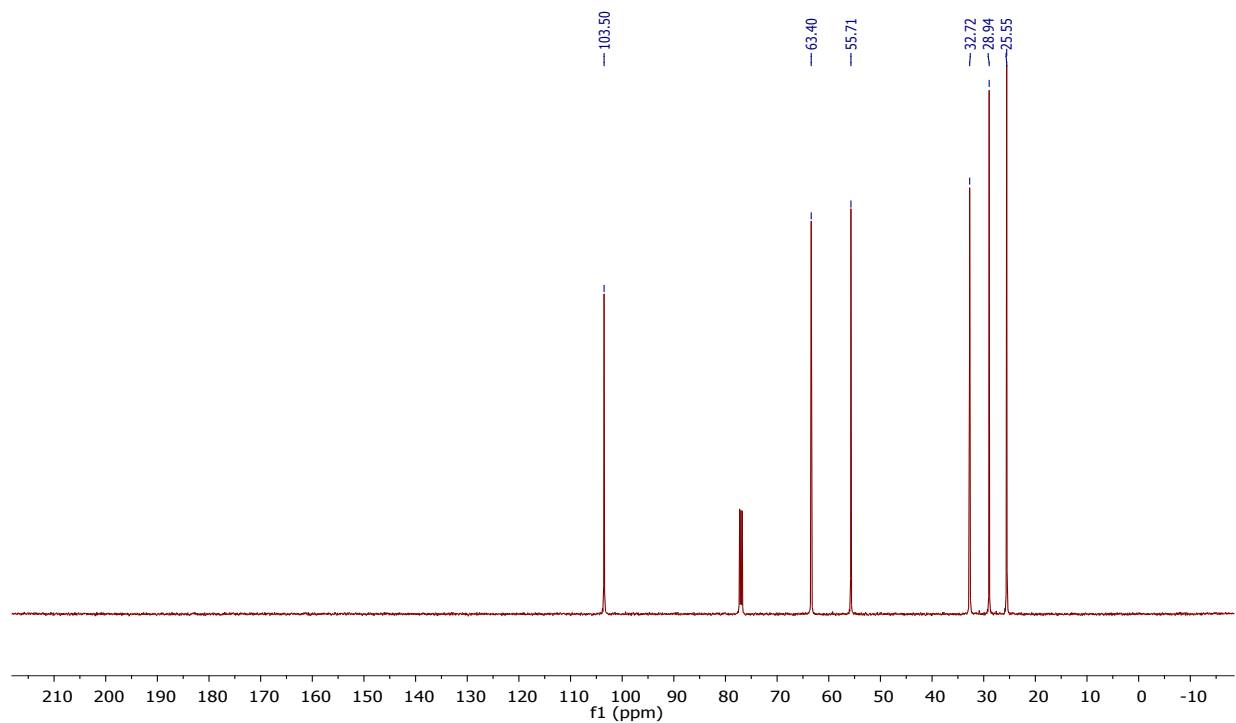
¹³C NMR Spectrum of compound **5j** in CDCl₃



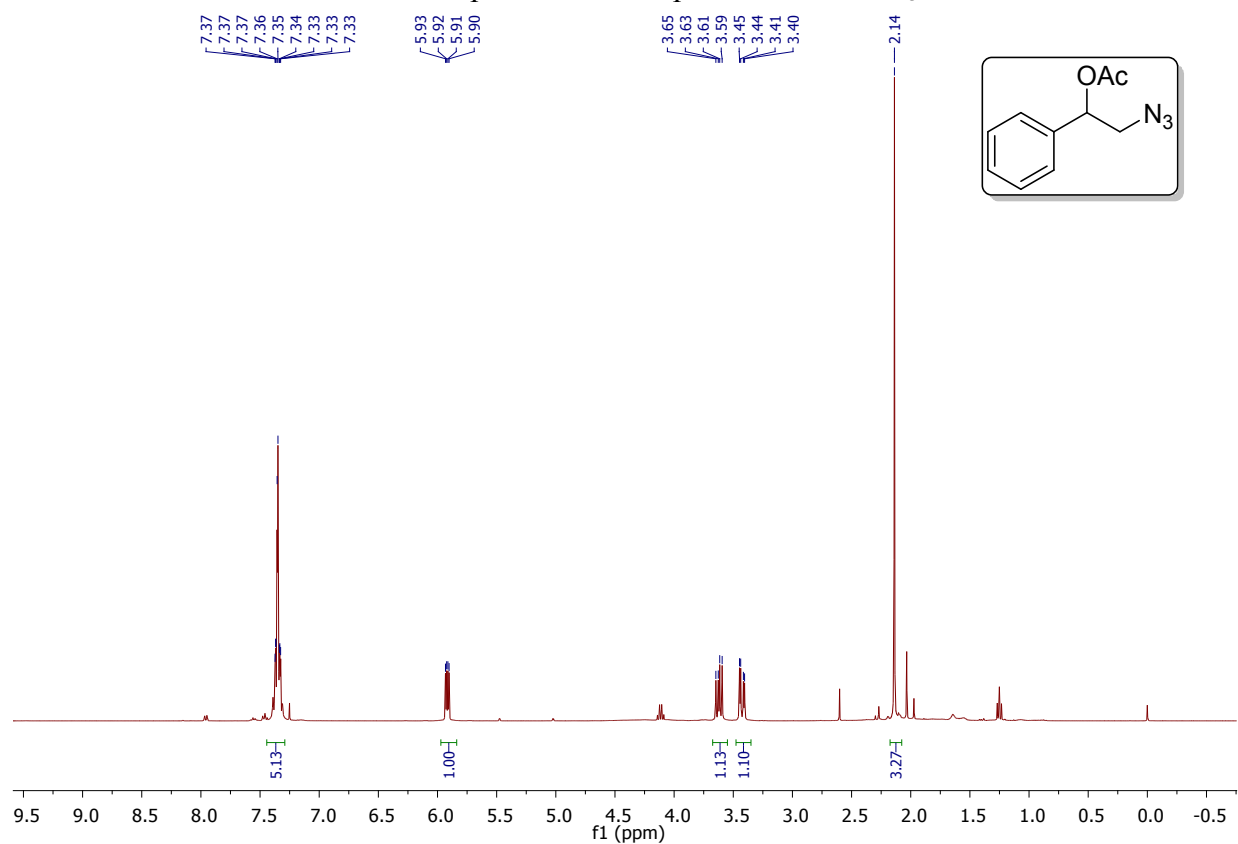
¹H NMR Spectrum of compound **5k** in CDCl₃



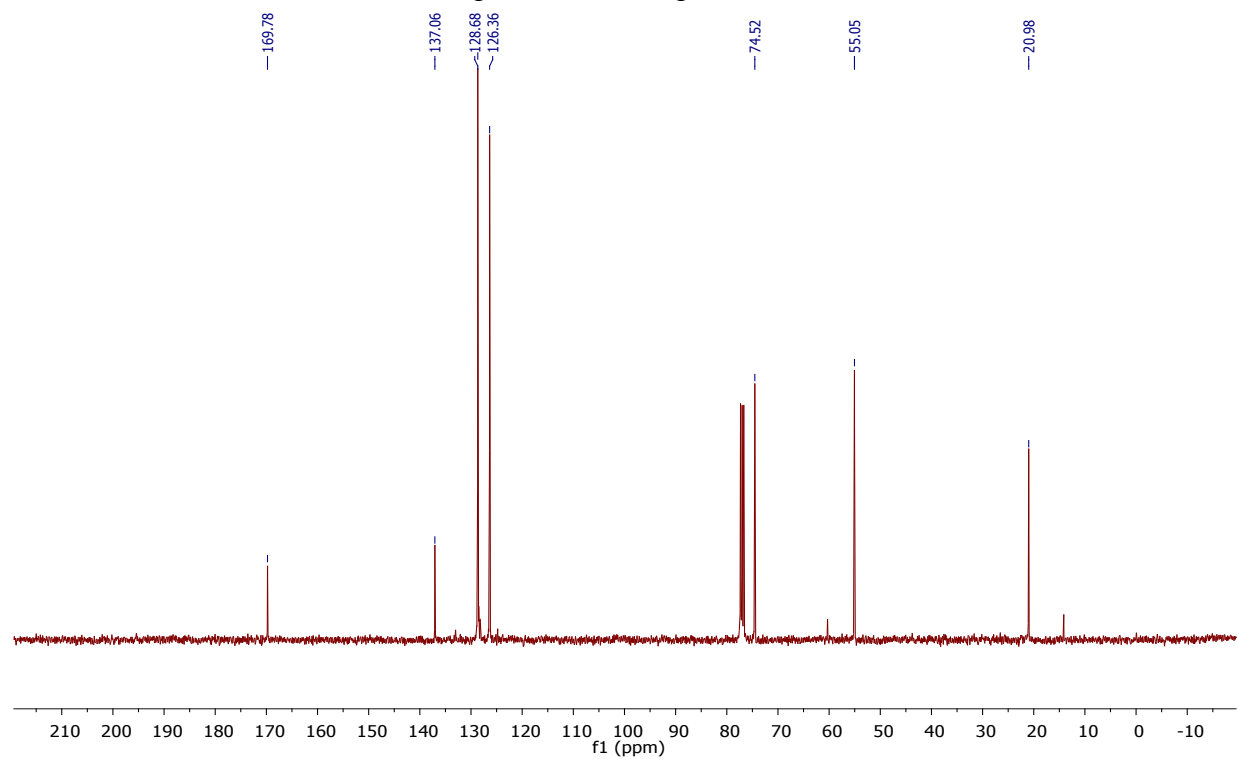
¹³C NMR Spectrum of compound **5k** in CDCl₃



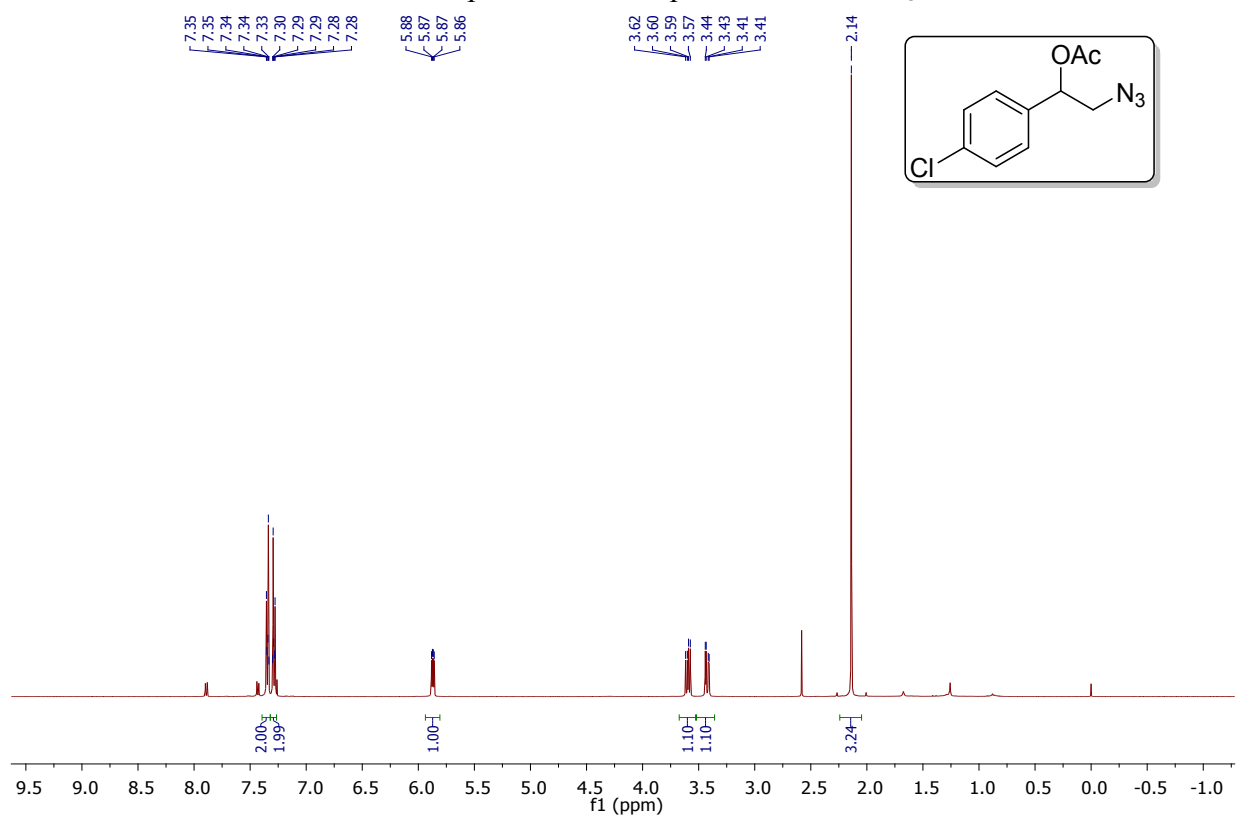
¹H NMR Spectrum of compound **6a** in CDCl₃



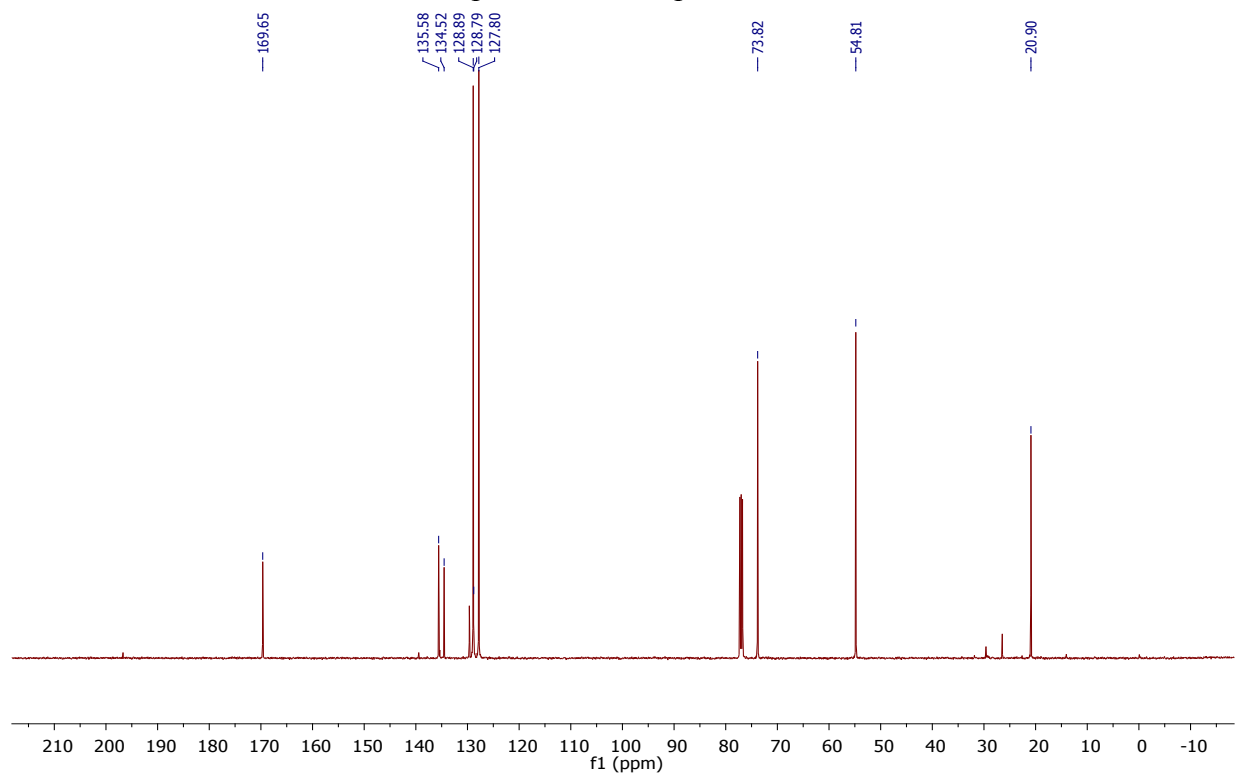
¹³C NMR Spectrum of compound **6a** in CDCl₃



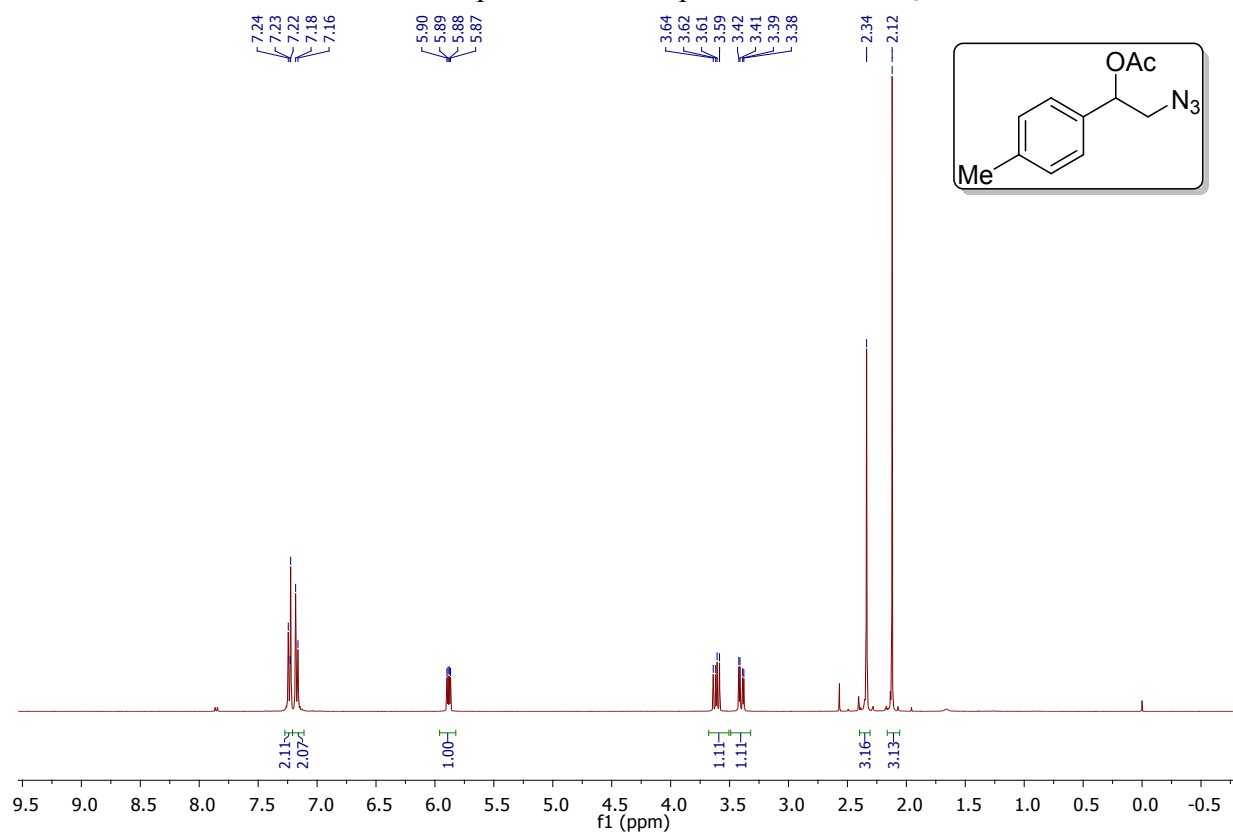
¹H NMR Spectrum of compound **6b** in CDCl₃



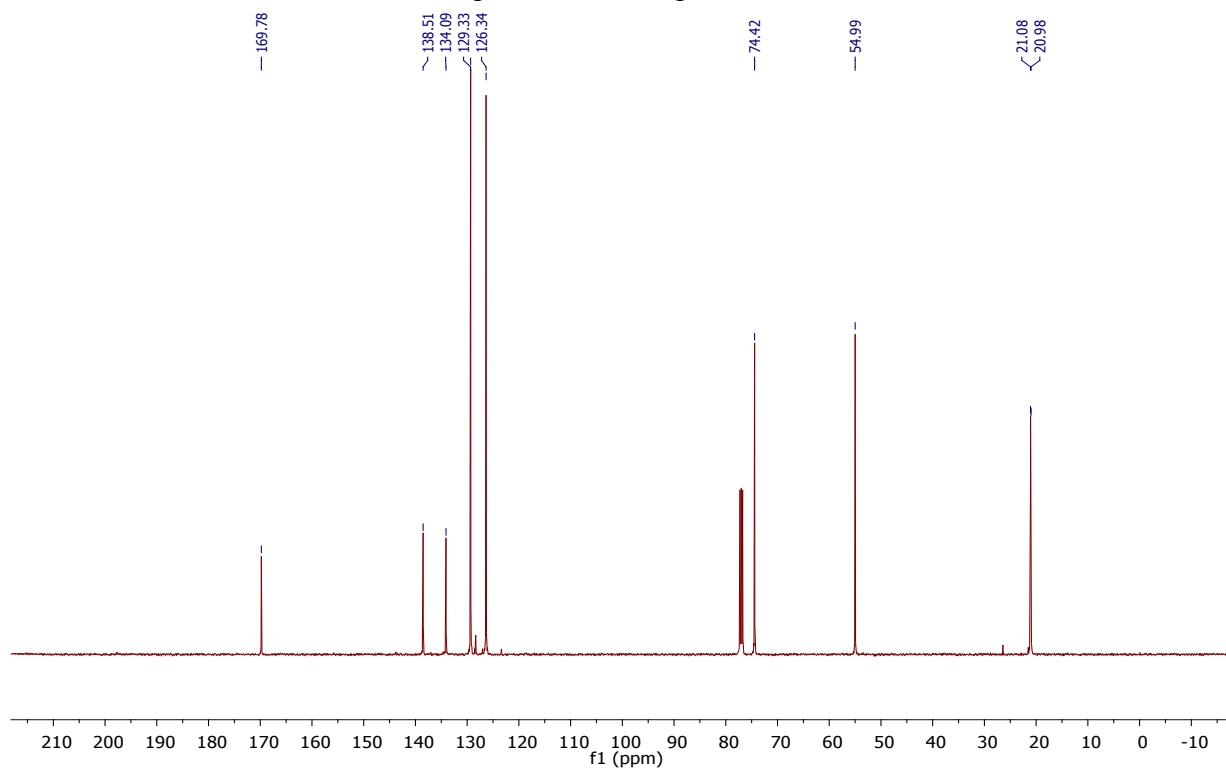
¹³C NMR Spectrum of compound **6b** in CDCl₃



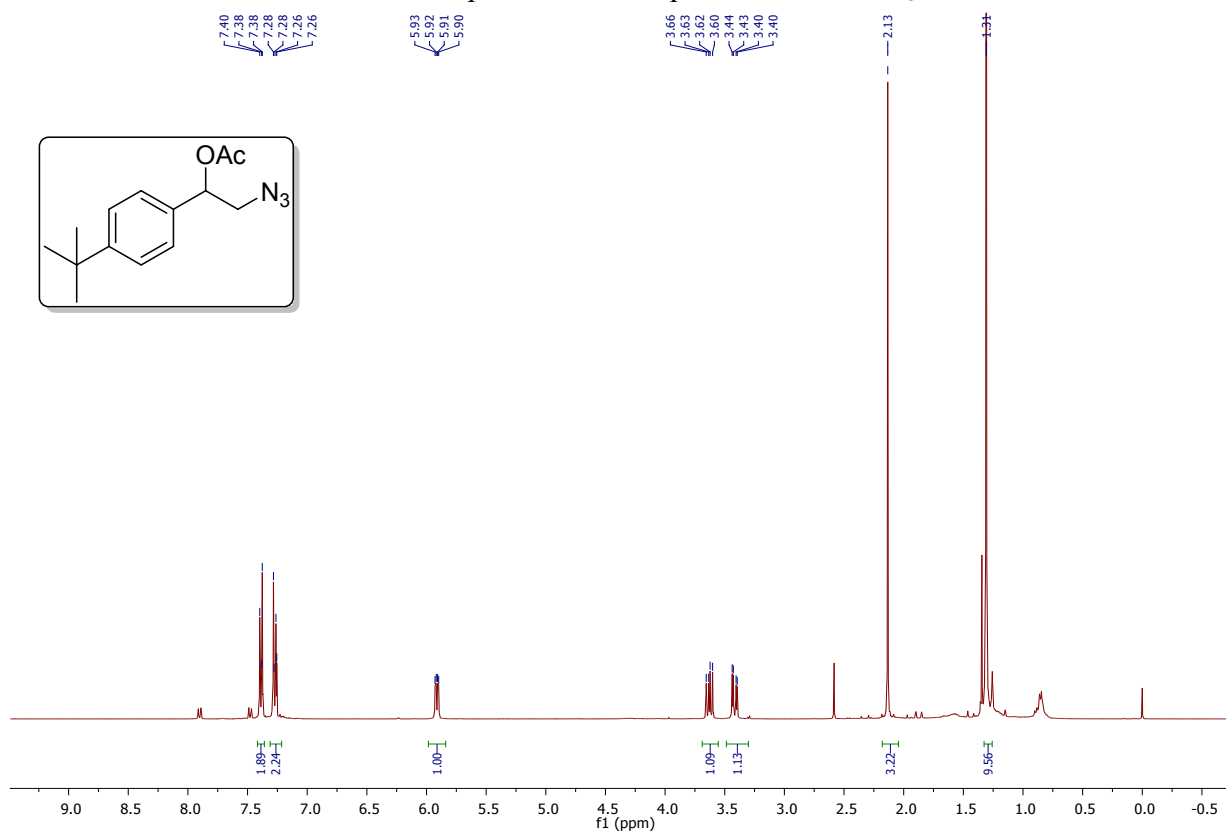
¹H NMR Spectrum of compound **6c** in CDCl₃



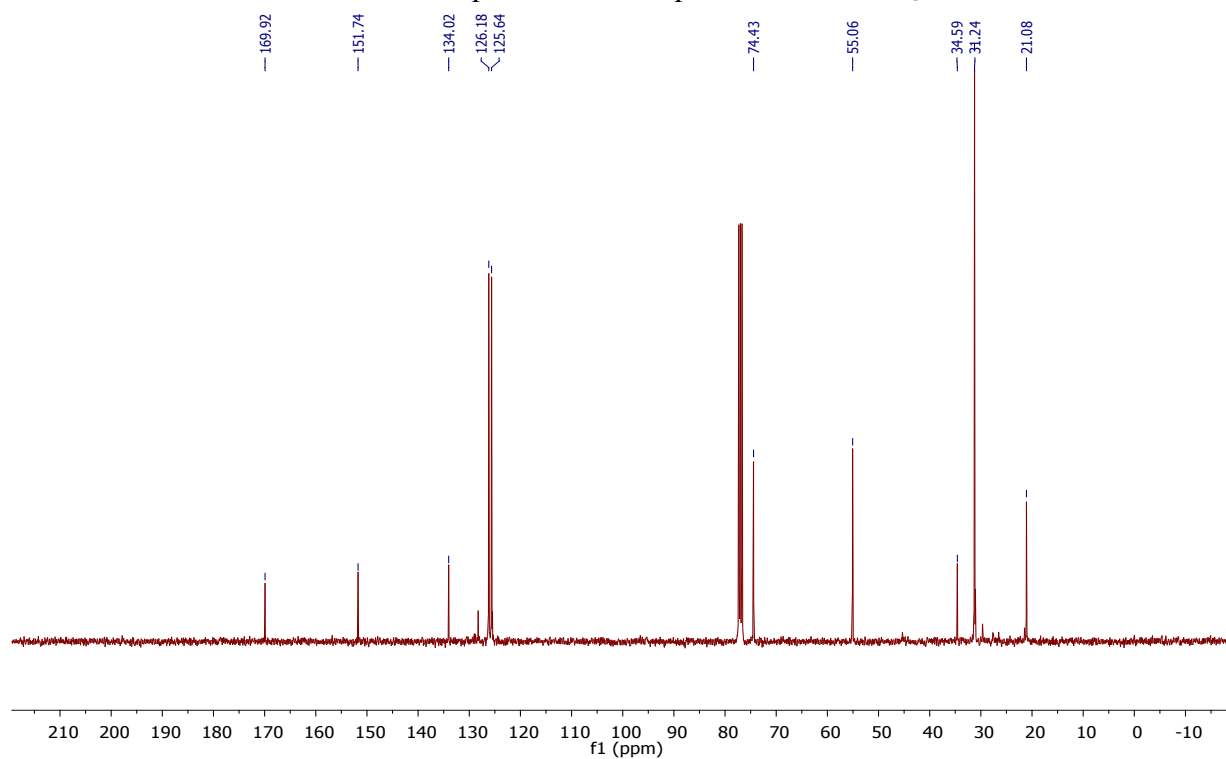
¹³C NMR Spectrum of compound **6c** in CDCl₃



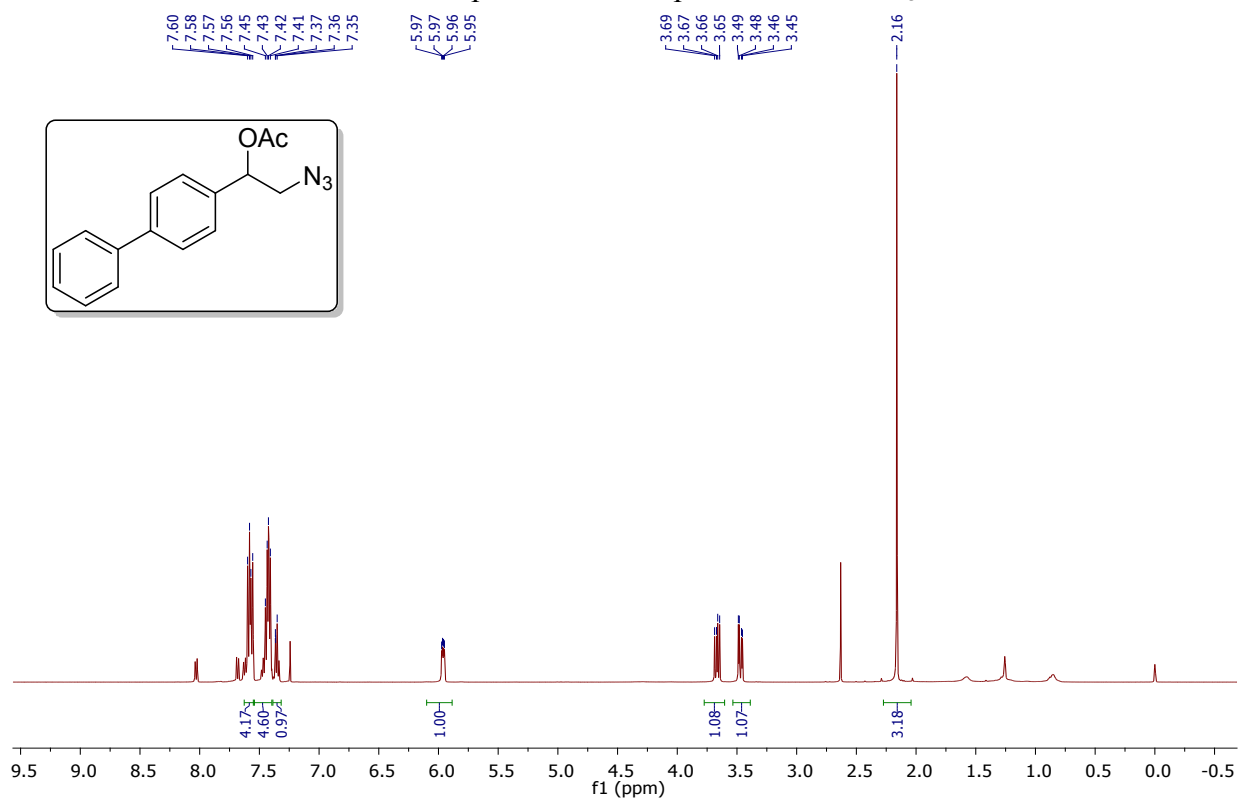
¹H NMR Spectrum of compound **6d** in CDCl₃



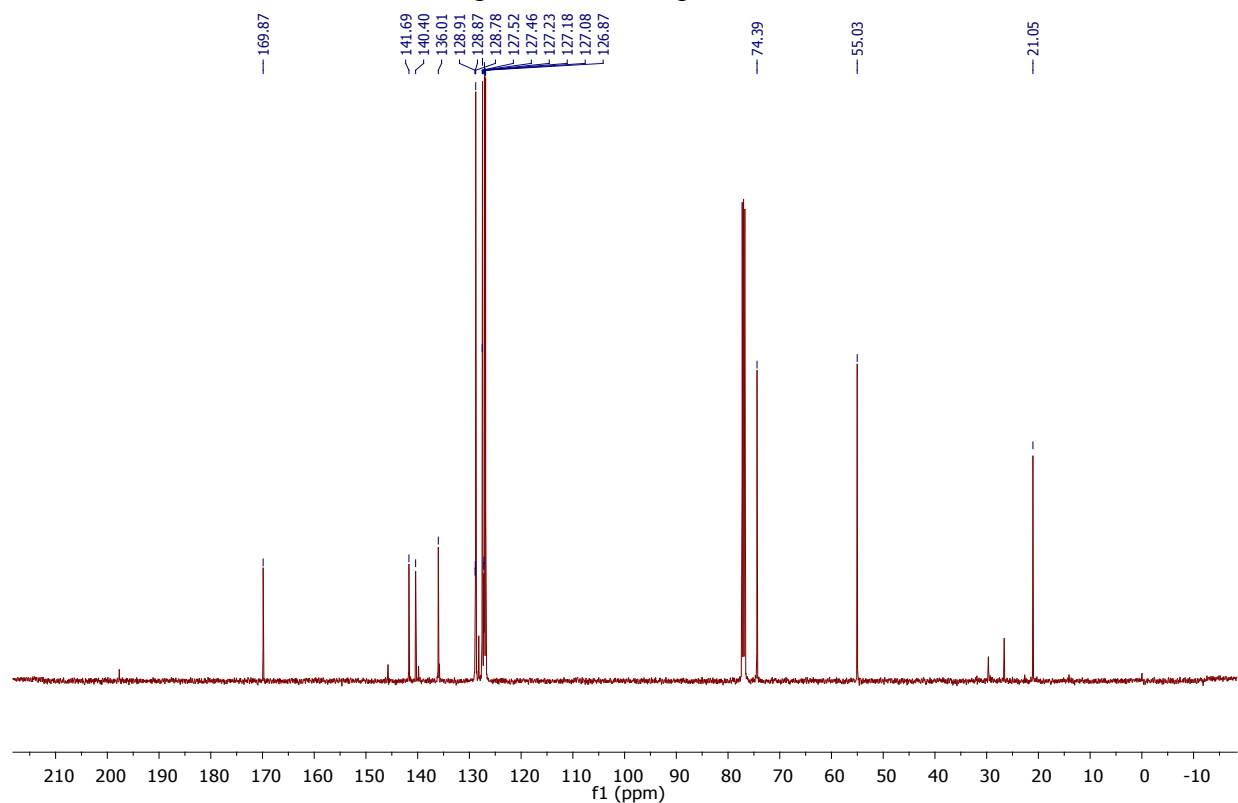
¹³C NMR Spectrum of compound **6d** in CDCl₃



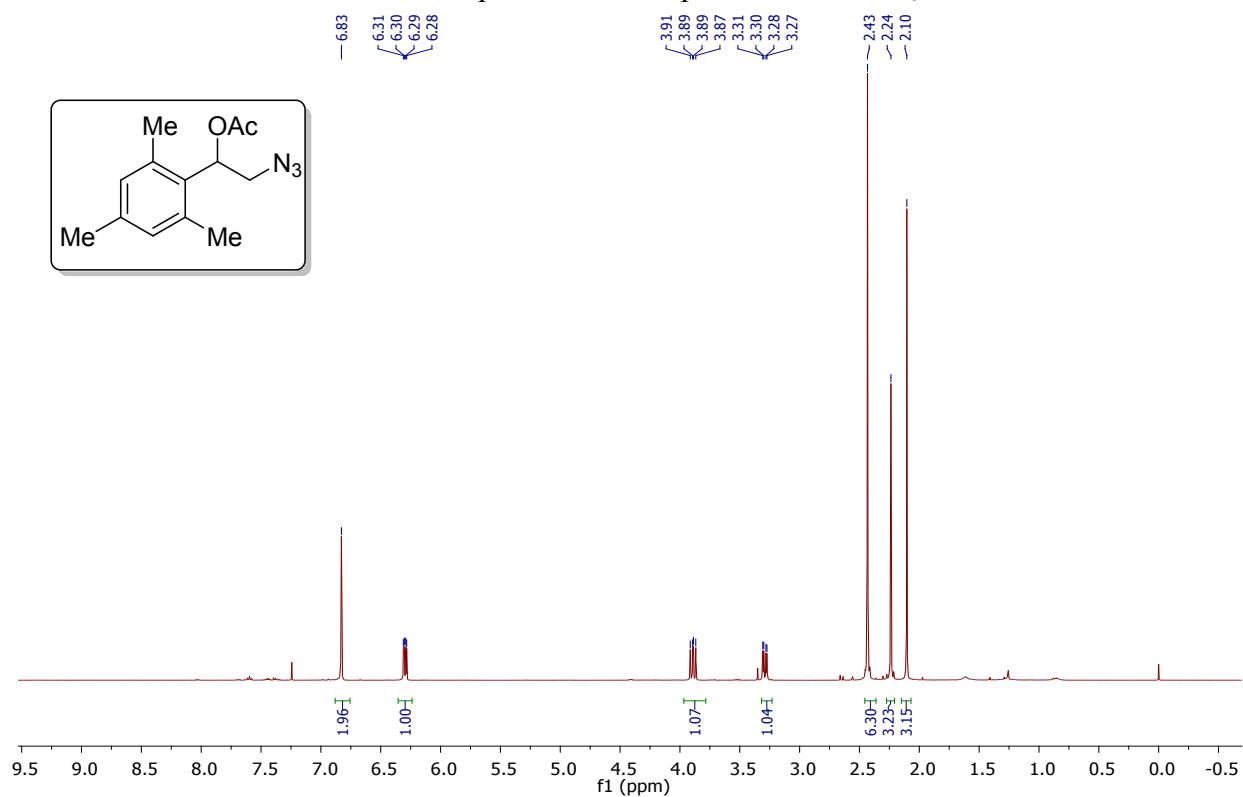
¹H NMR Spectrum of compound **6e** in CDCl₃



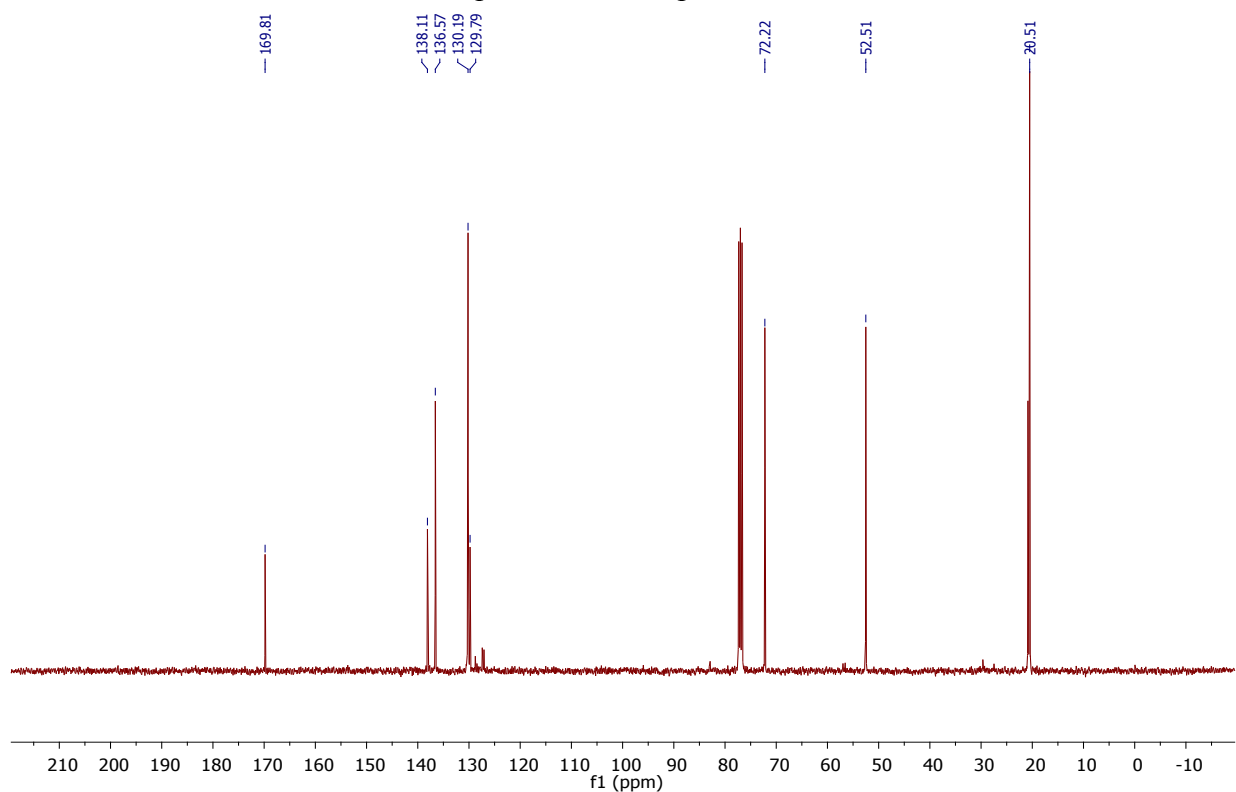
¹³C NMR Spectrum of compound **6e** in CDCl₃



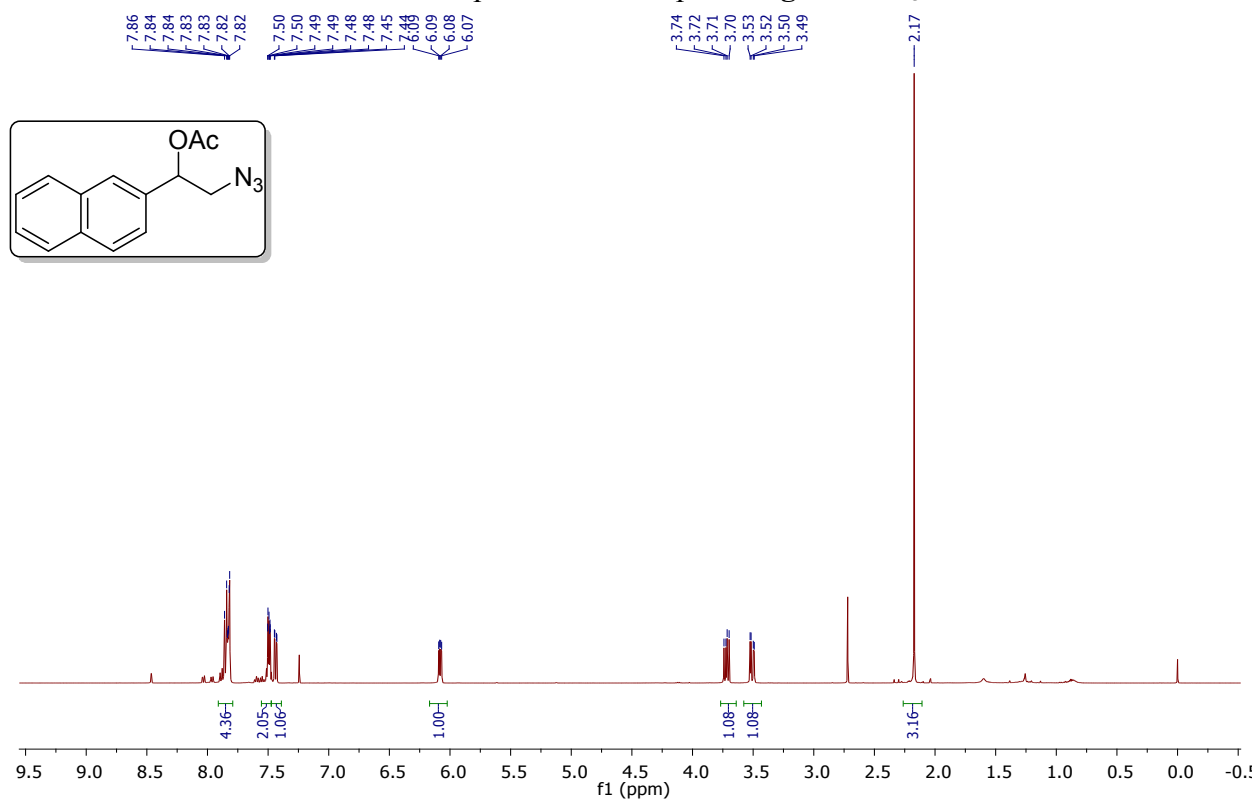
¹H NMR Spectrum of compound **6f** in CDCl₃



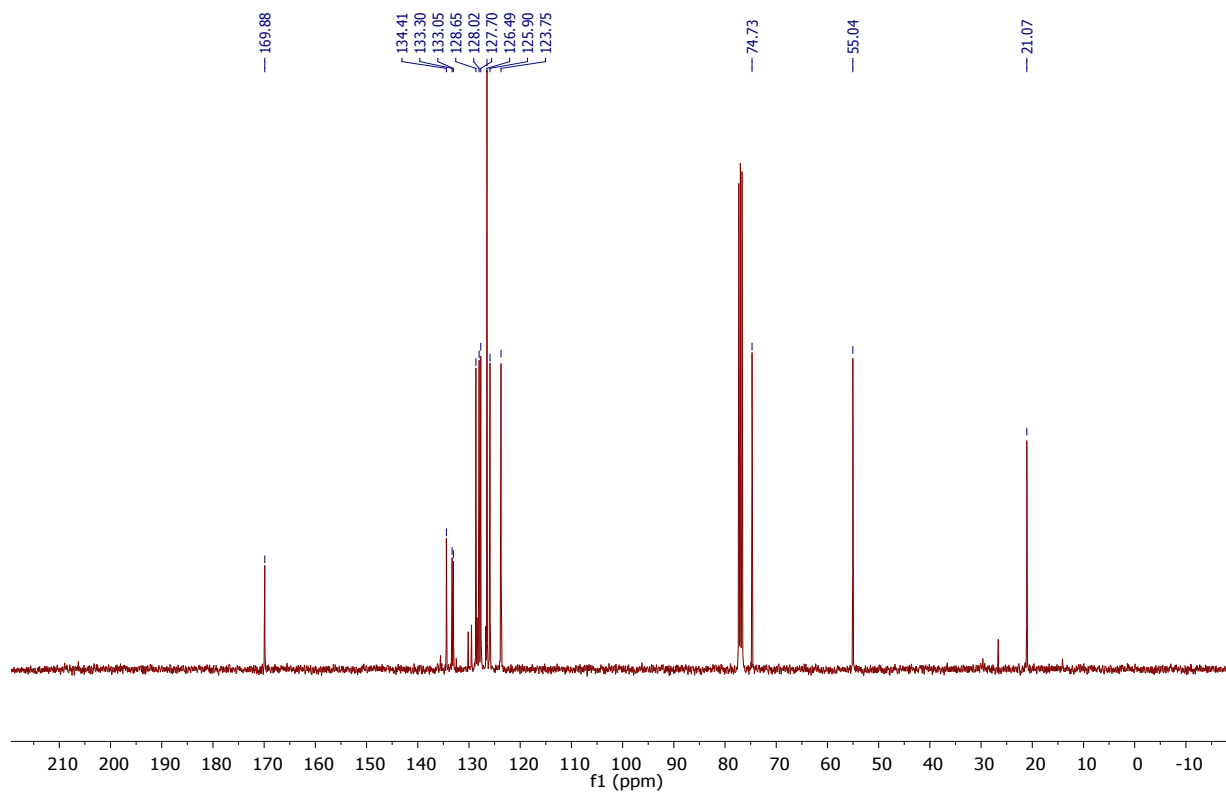
¹³C NMR Spectrum of compound **6f** in CDCl₃



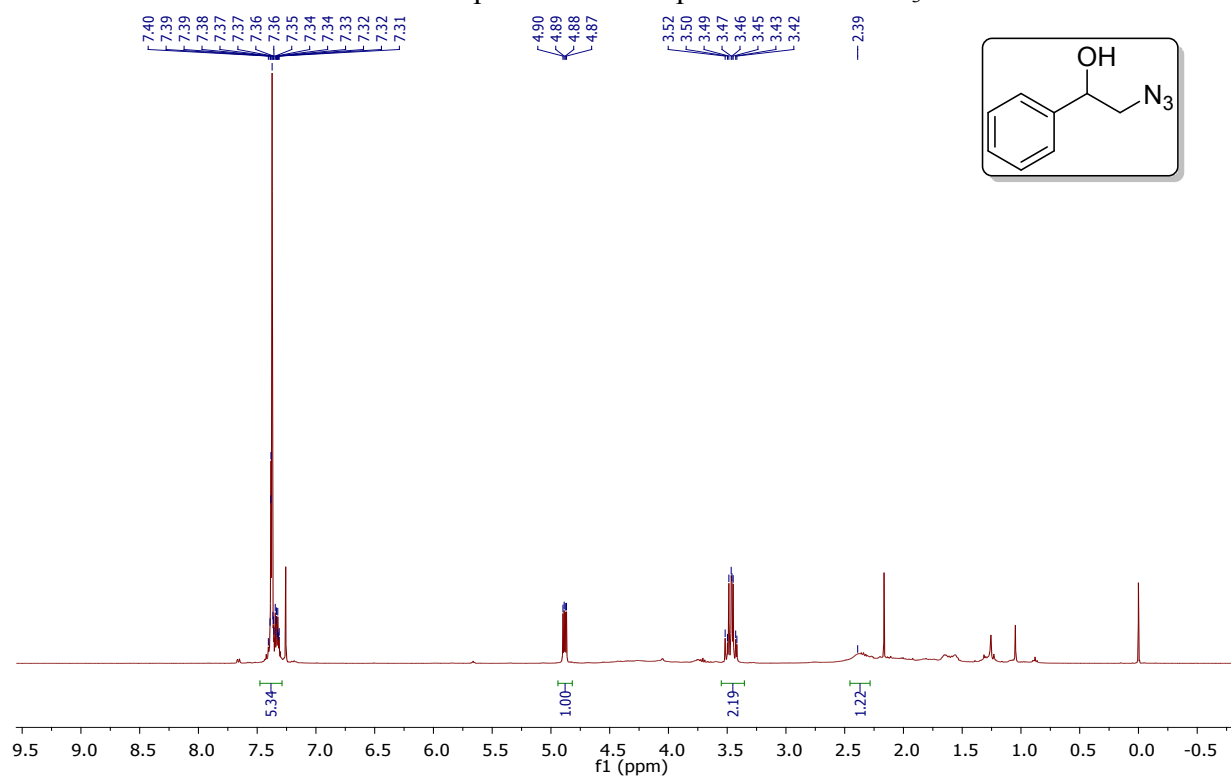
¹H NMR Spectrum of compound **6g** in CDCl₃



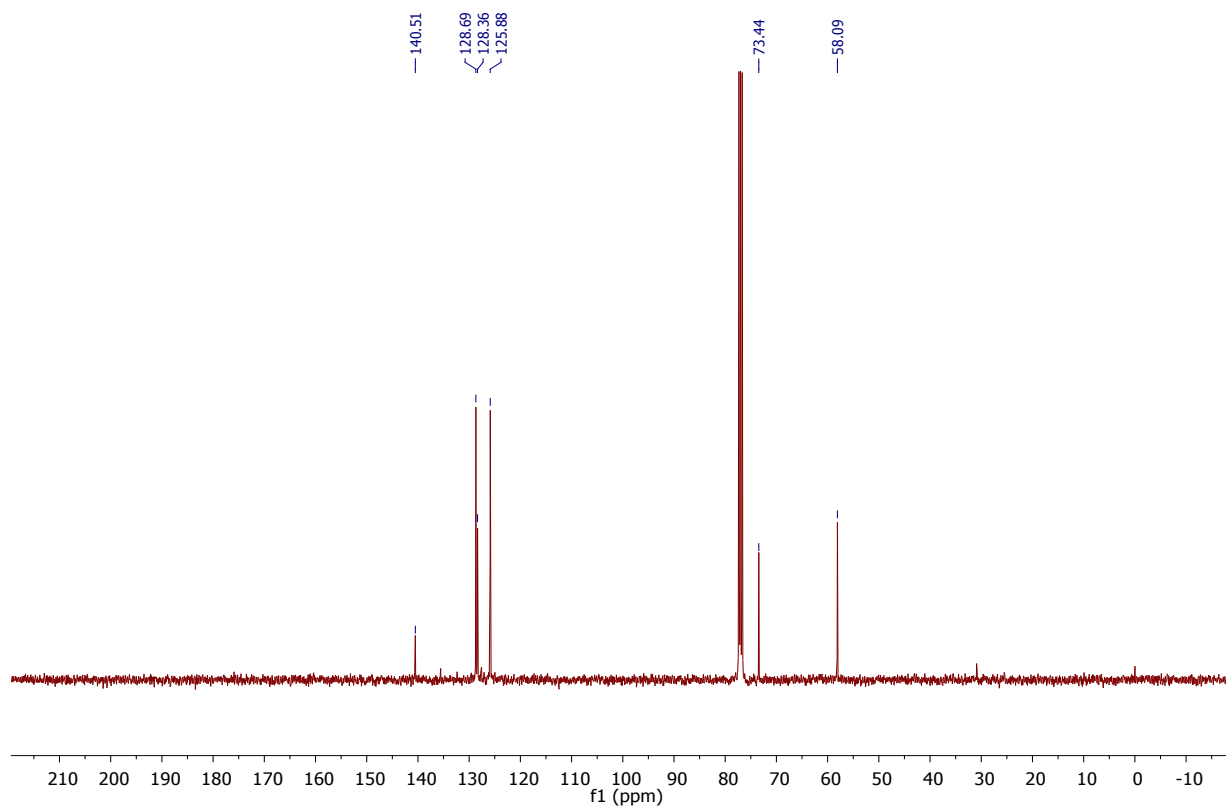
¹³C NMR Spectrum of compound **6g** in CDCl₃



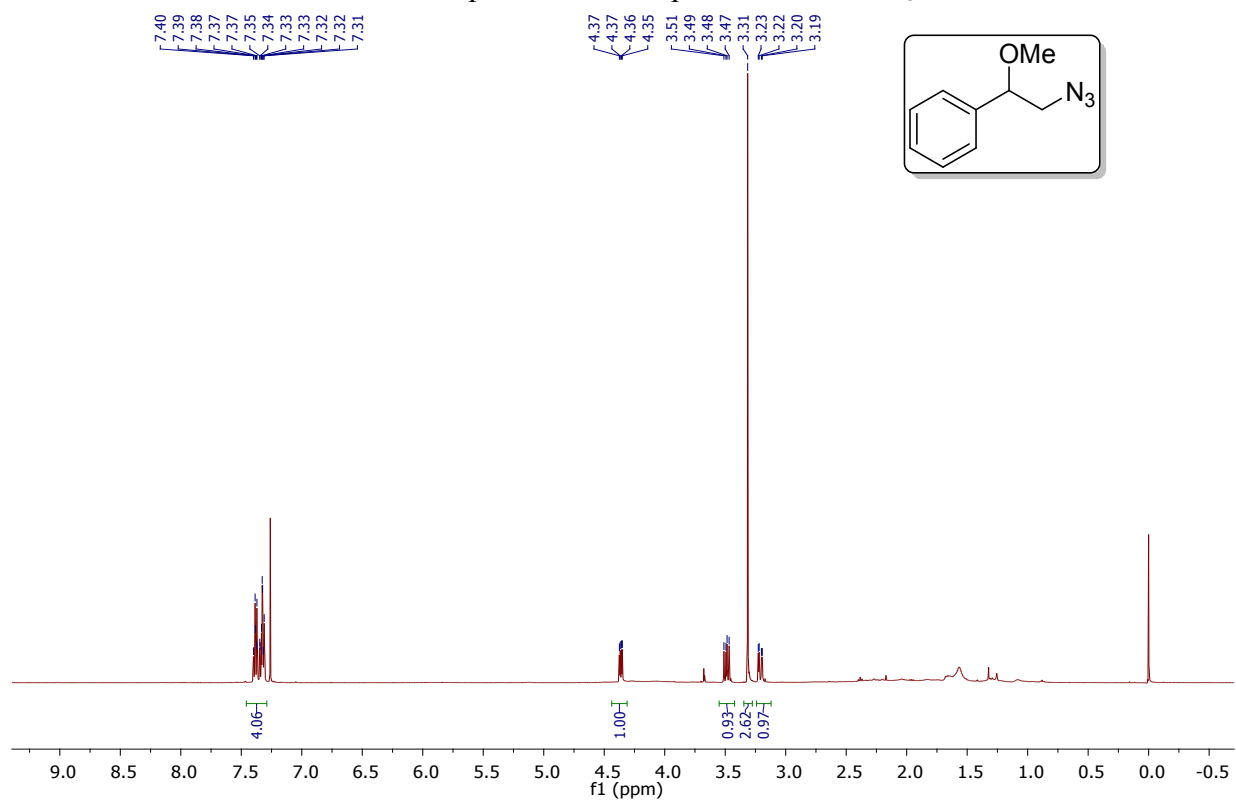
¹H NMR Spectrum of compound **7a** in CDCl₃



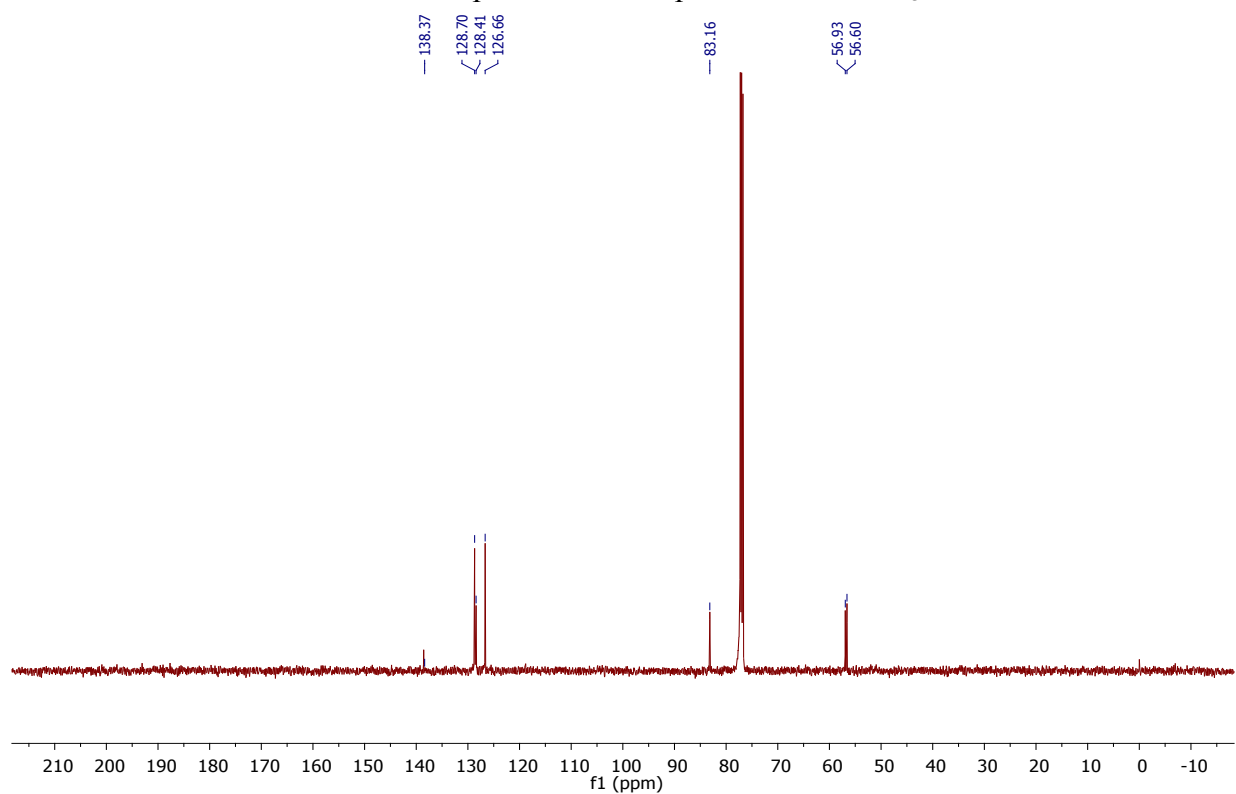
¹³C NMR Spectrum of compound **7a** in CDCl₃



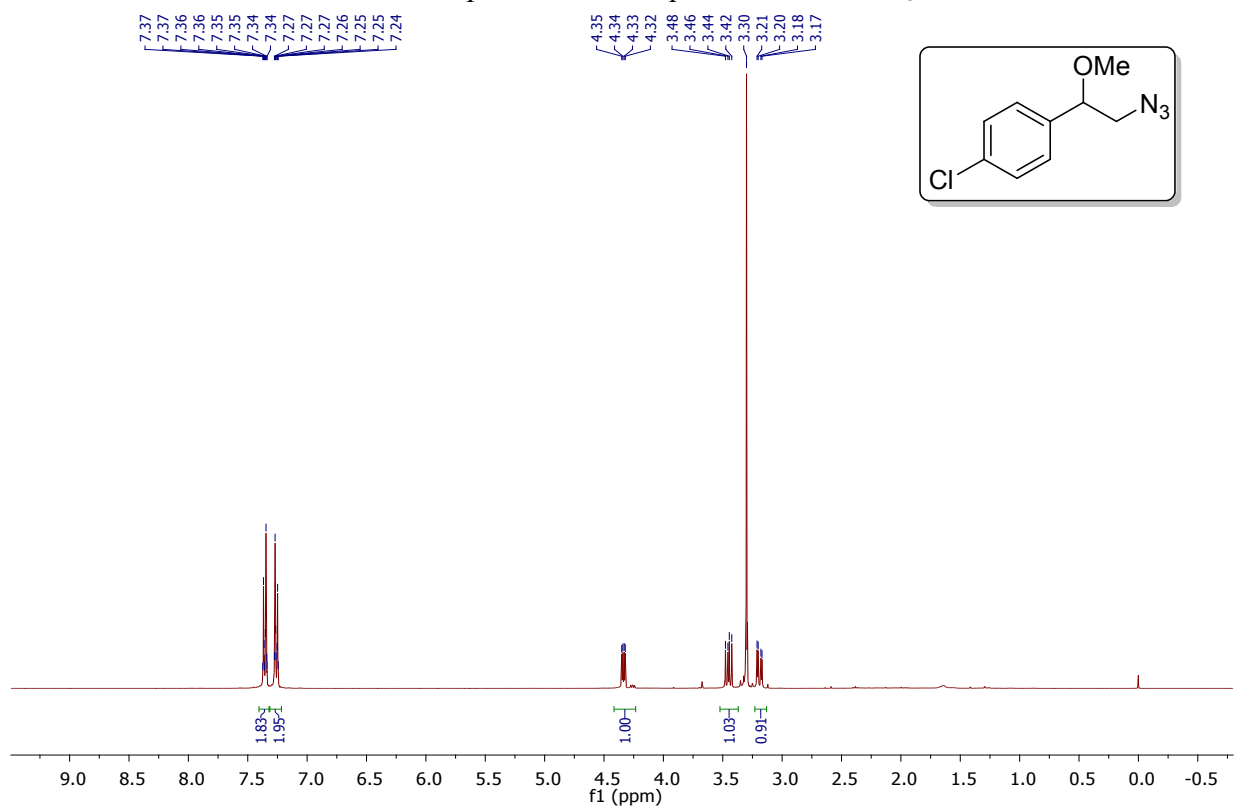
¹H NMR Spectrum of compound **8a** in CDCl₃



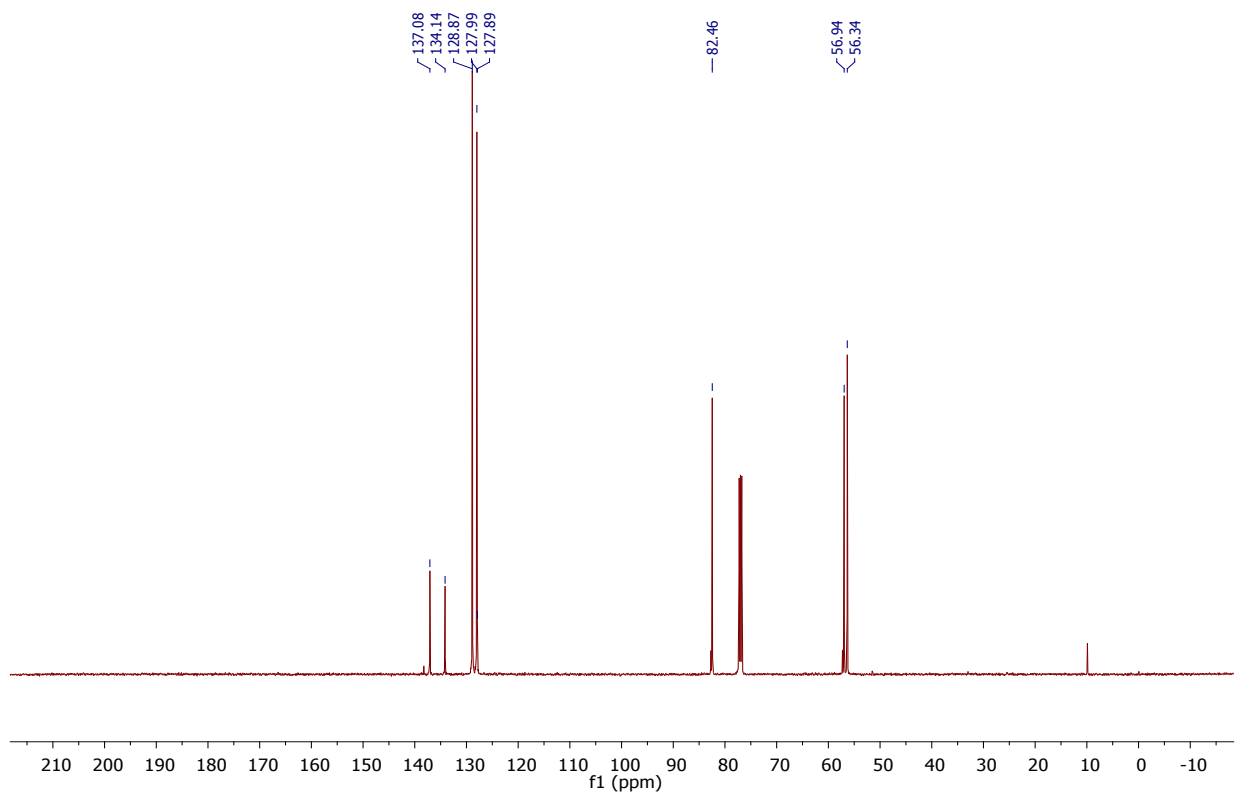
¹³C NMR Spectrum of compound **8a** in CDCl₃



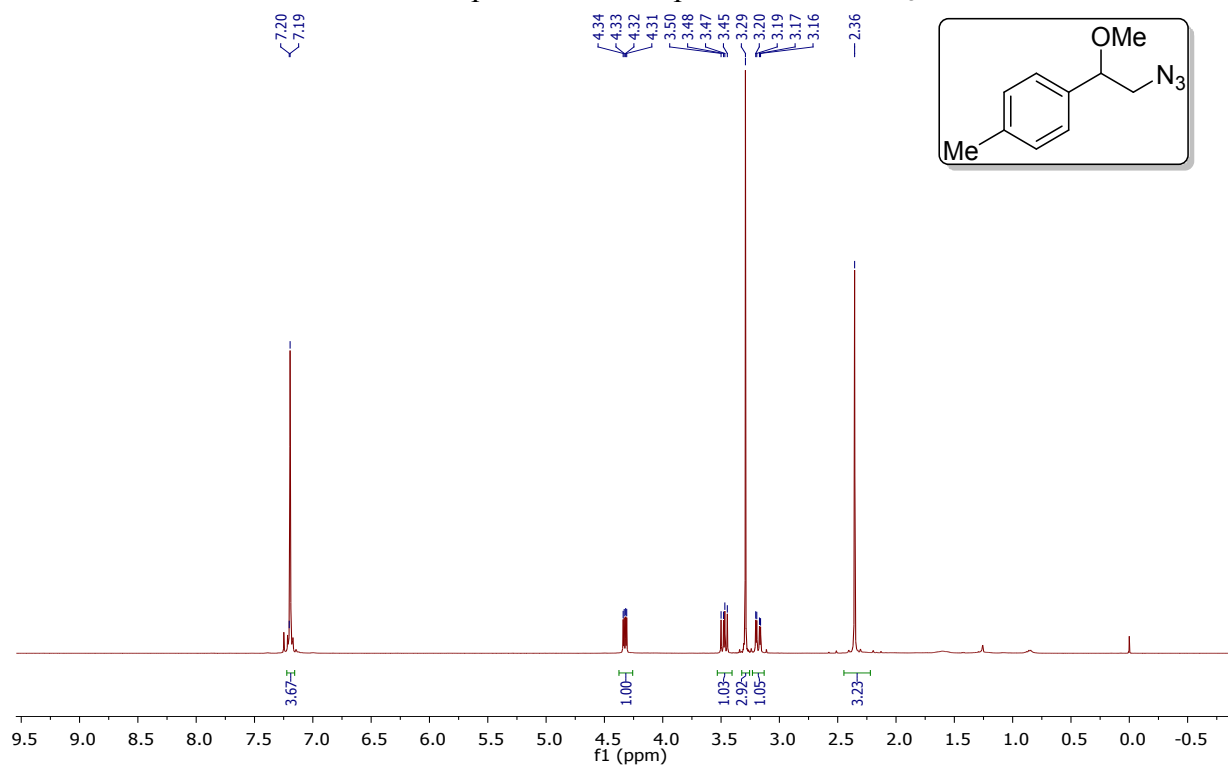
¹H NMR Spectrum of compound **8b** in CDCl₃



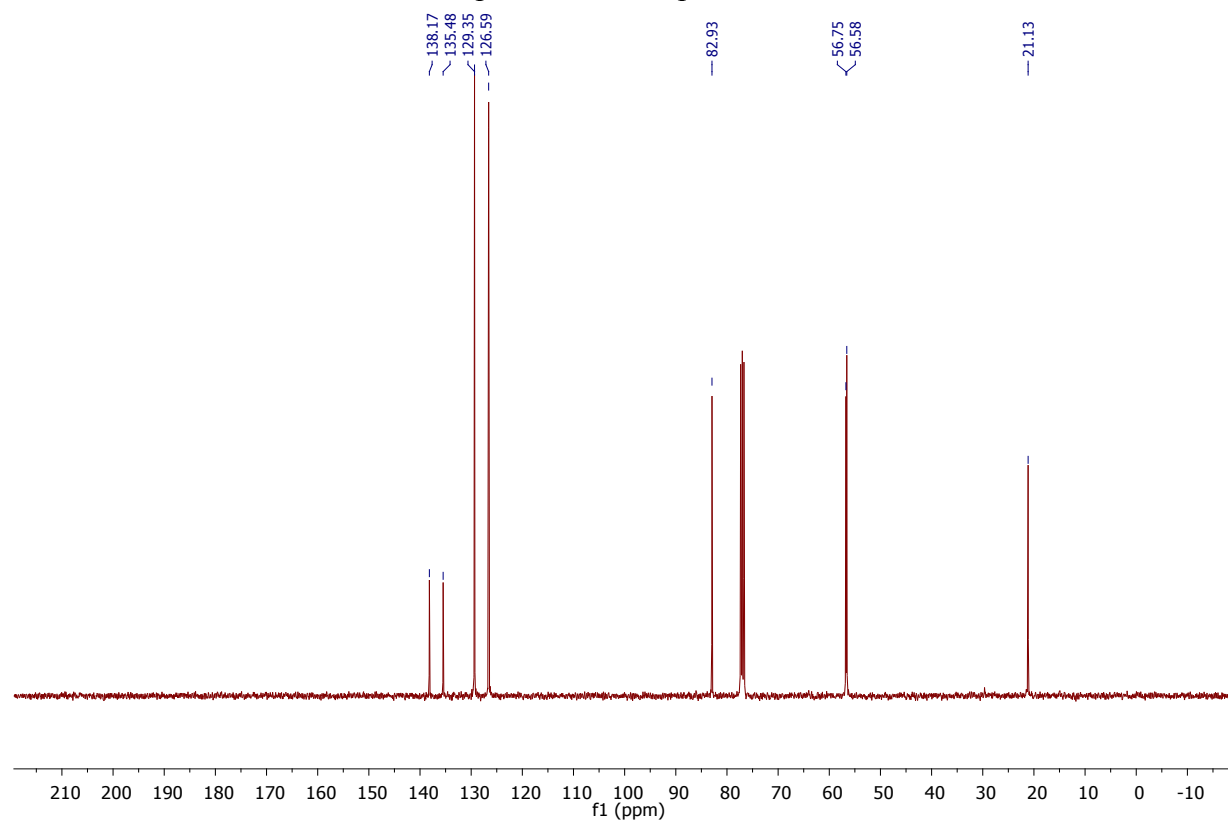
¹³C NMR Spectrum of compound **8b** in CDCl₃



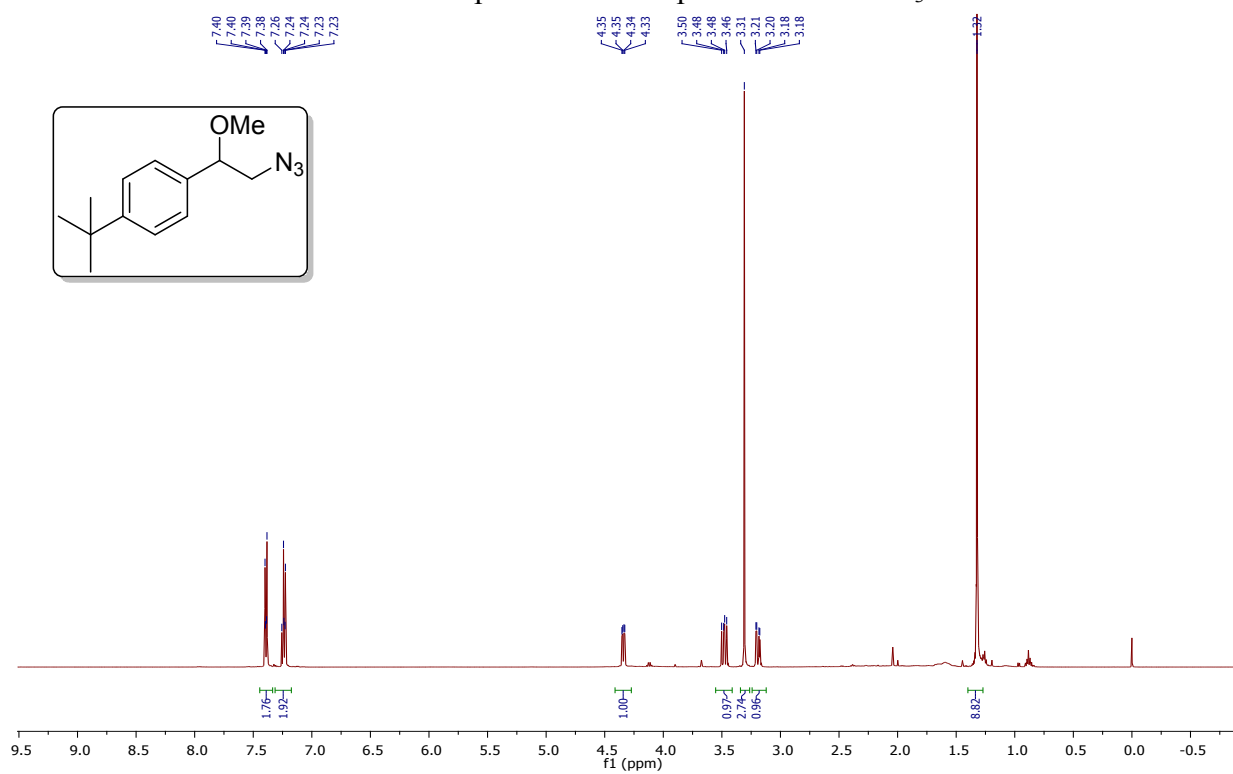
¹H NMR Spectrum of compound **8c** in CDCl₃



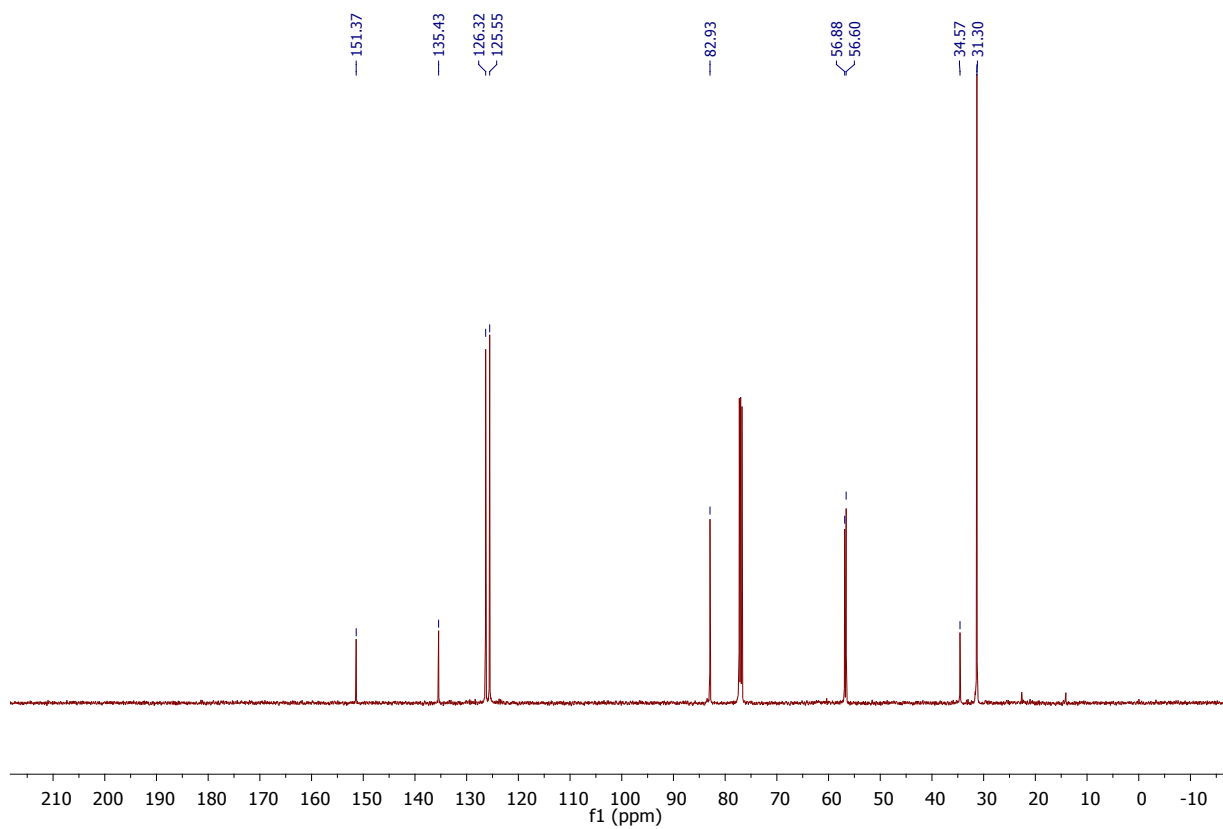
¹³C NMR Spectrum of compound **8c** in CDCl₃



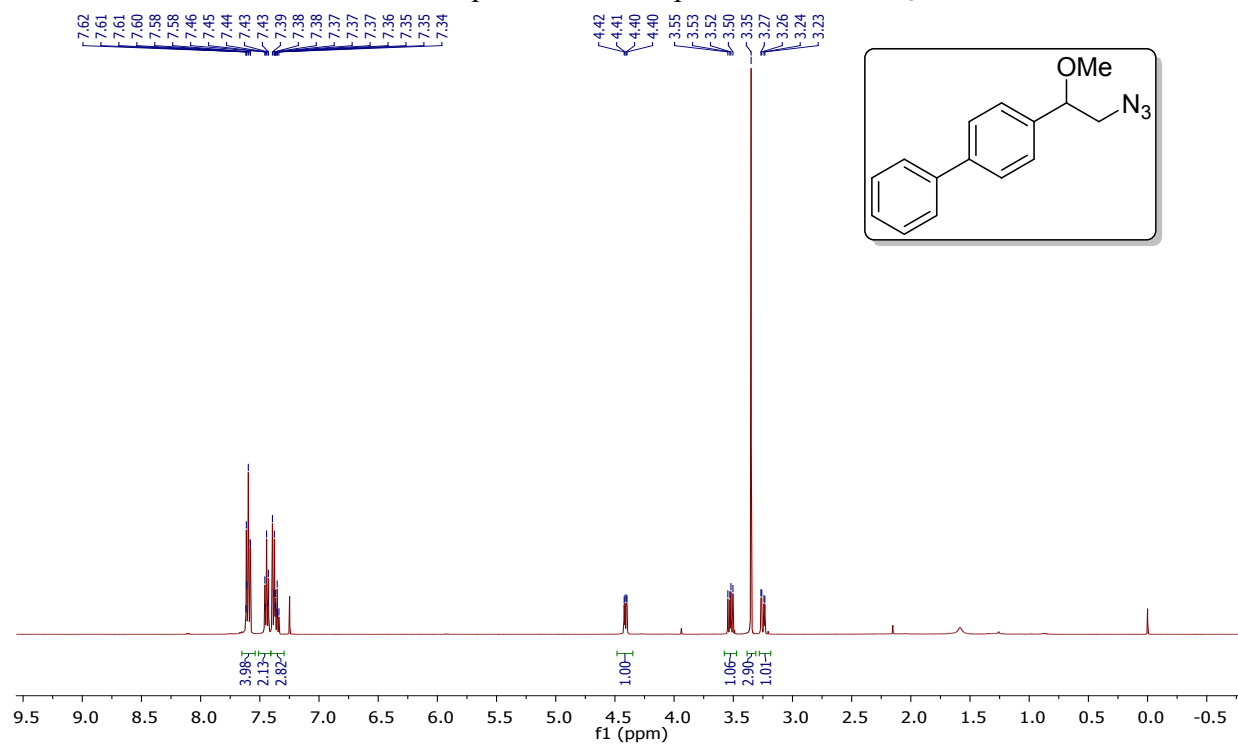
¹H NMR Spectrum of compound **8d** in CDCl₃



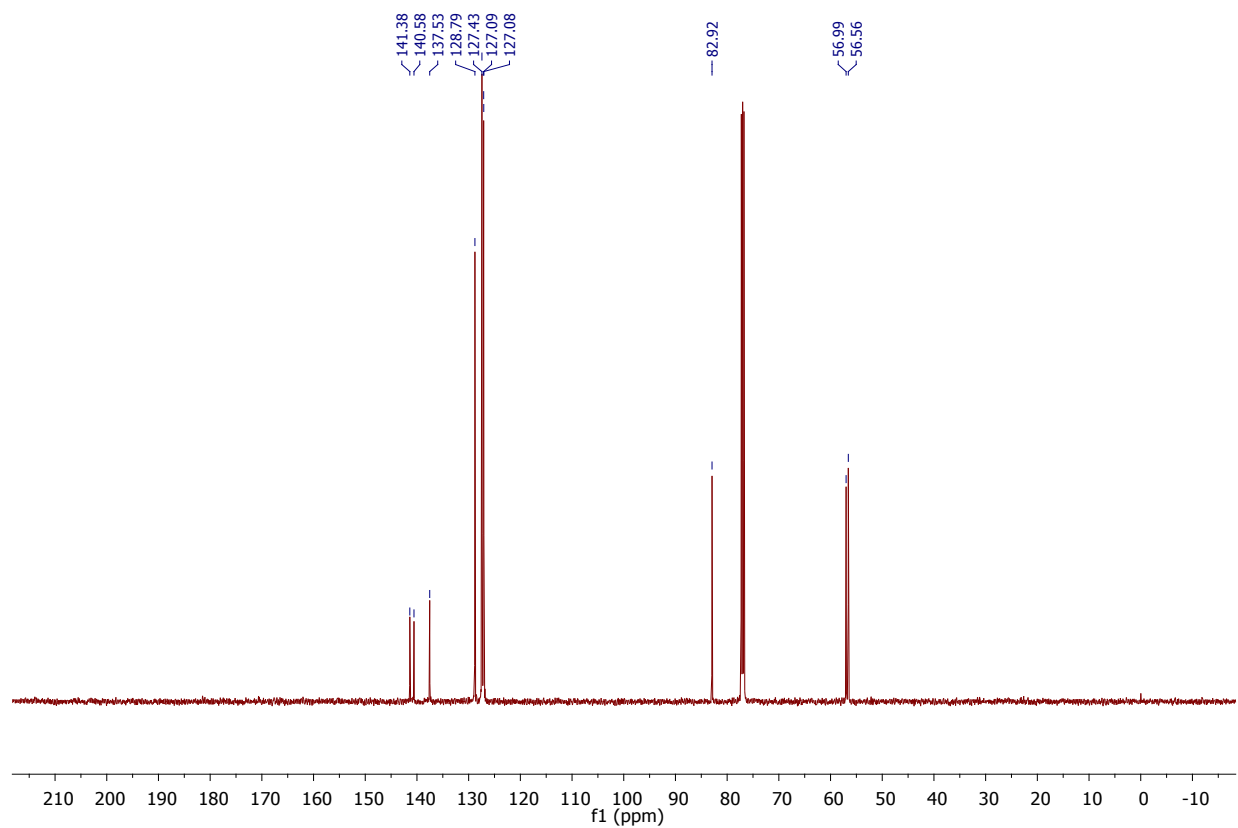
¹³C NMR Spectrum of compound **8d** in CDCl₃



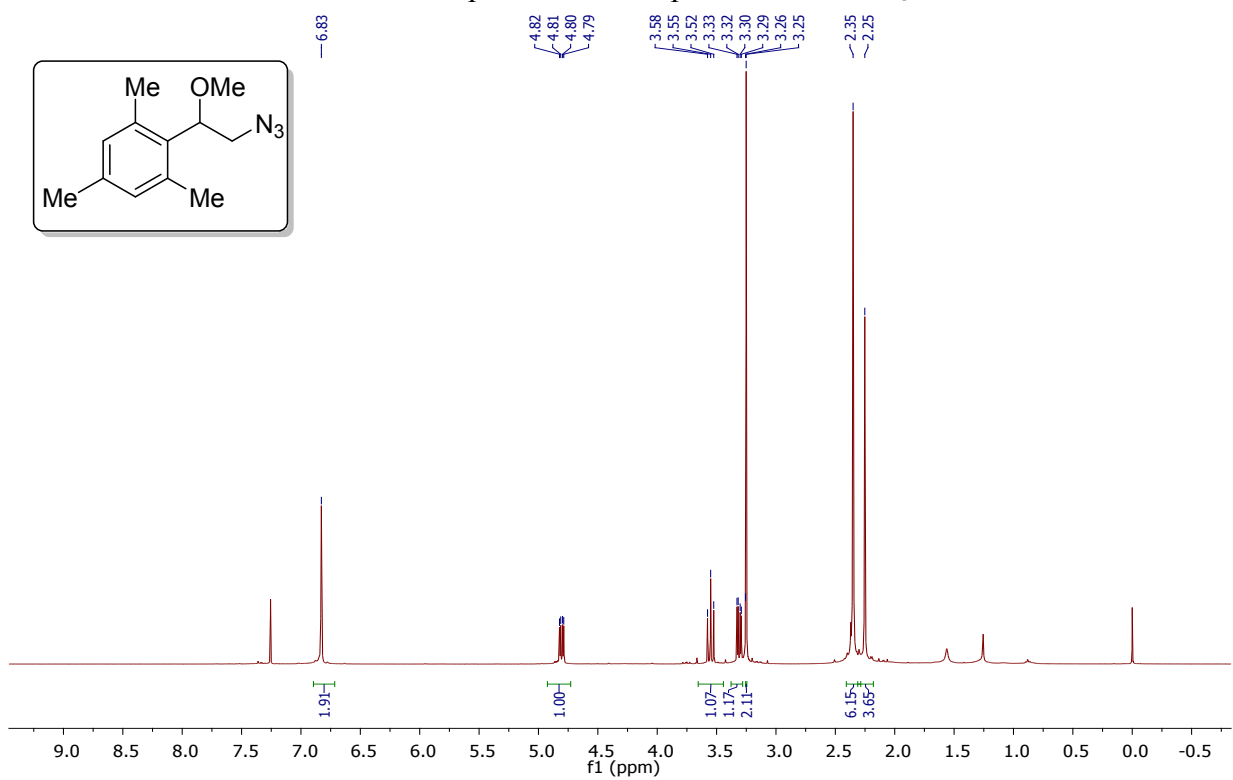
¹H NMR Spectrum of compound **8e** in CDCl₃



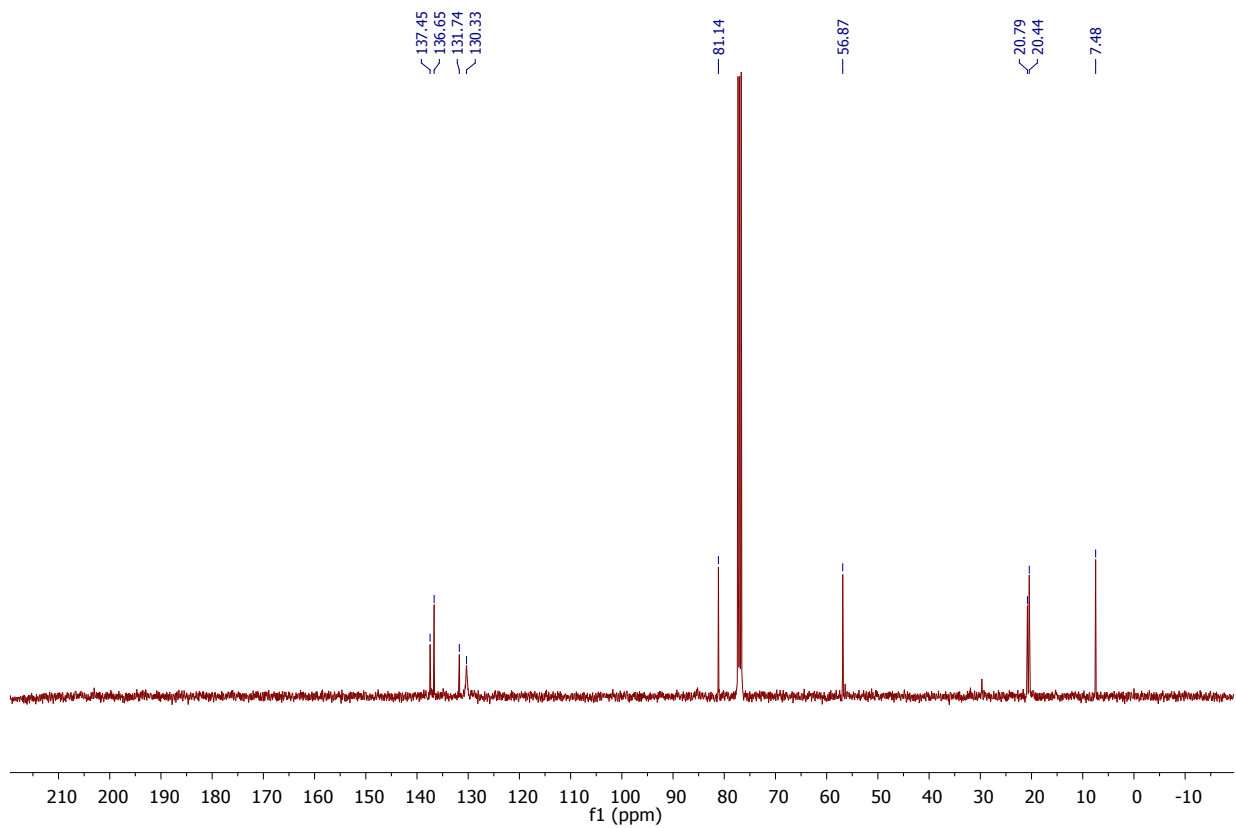
¹³C NMR Spectrum of compound **8e** in CDCl₃



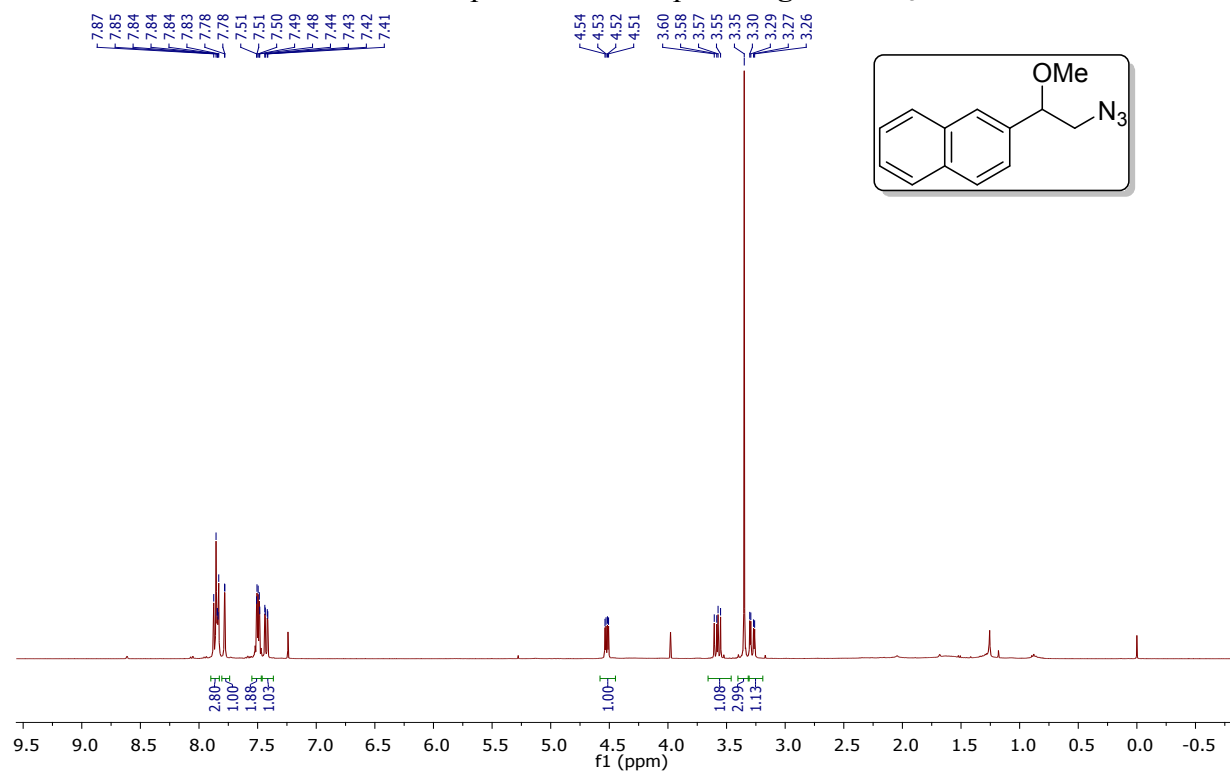
¹H NMR Spectrum of compound **8f** in CDCl₃



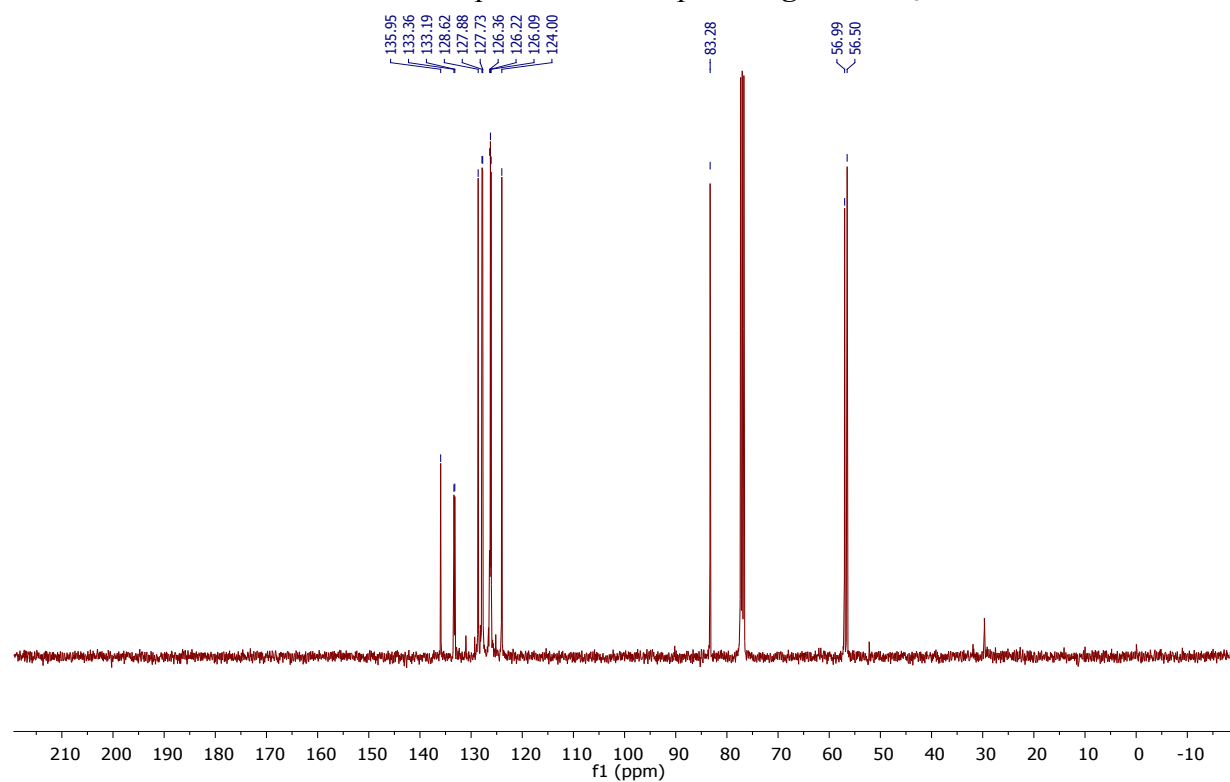
¹³C NMR Spectrum of compound **8f** in CDCl₃



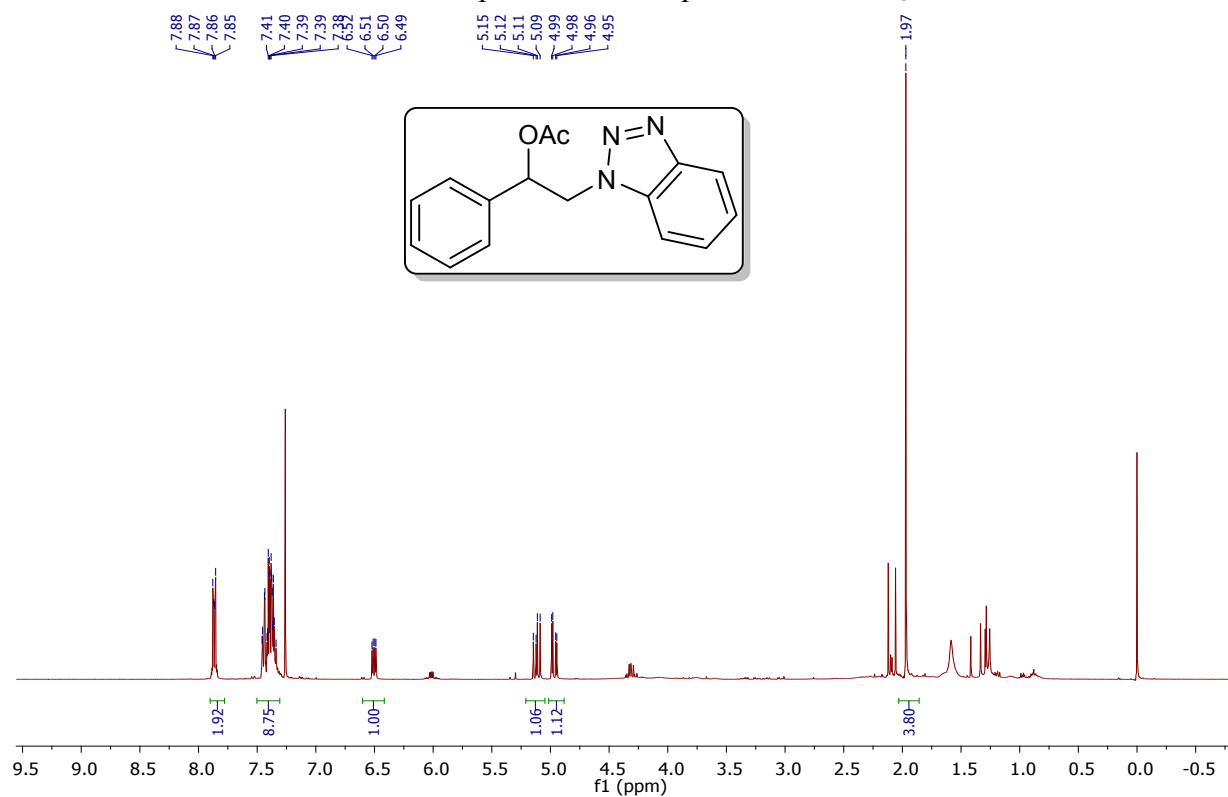
¹H NMR Spectrum of compound **8g** in CDCl₃



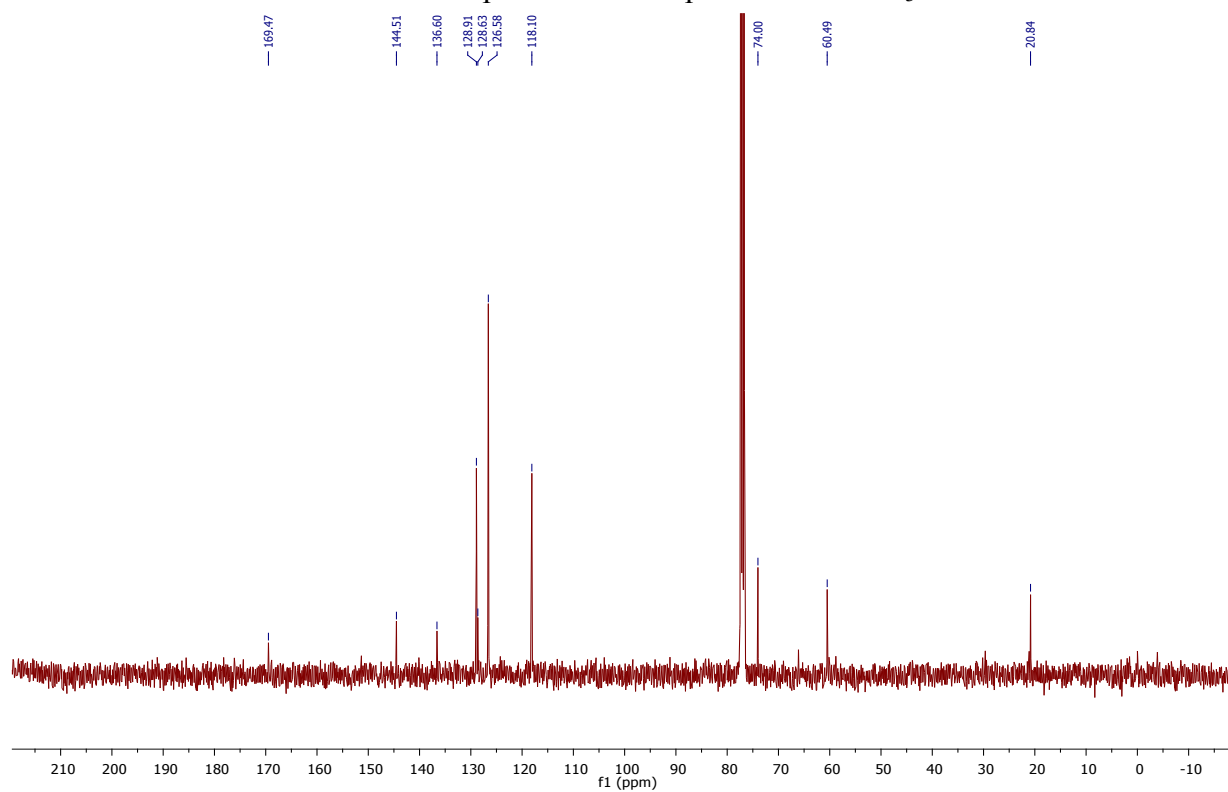
¹³C NMR Spectrum of compound **8g** in CDCl₃



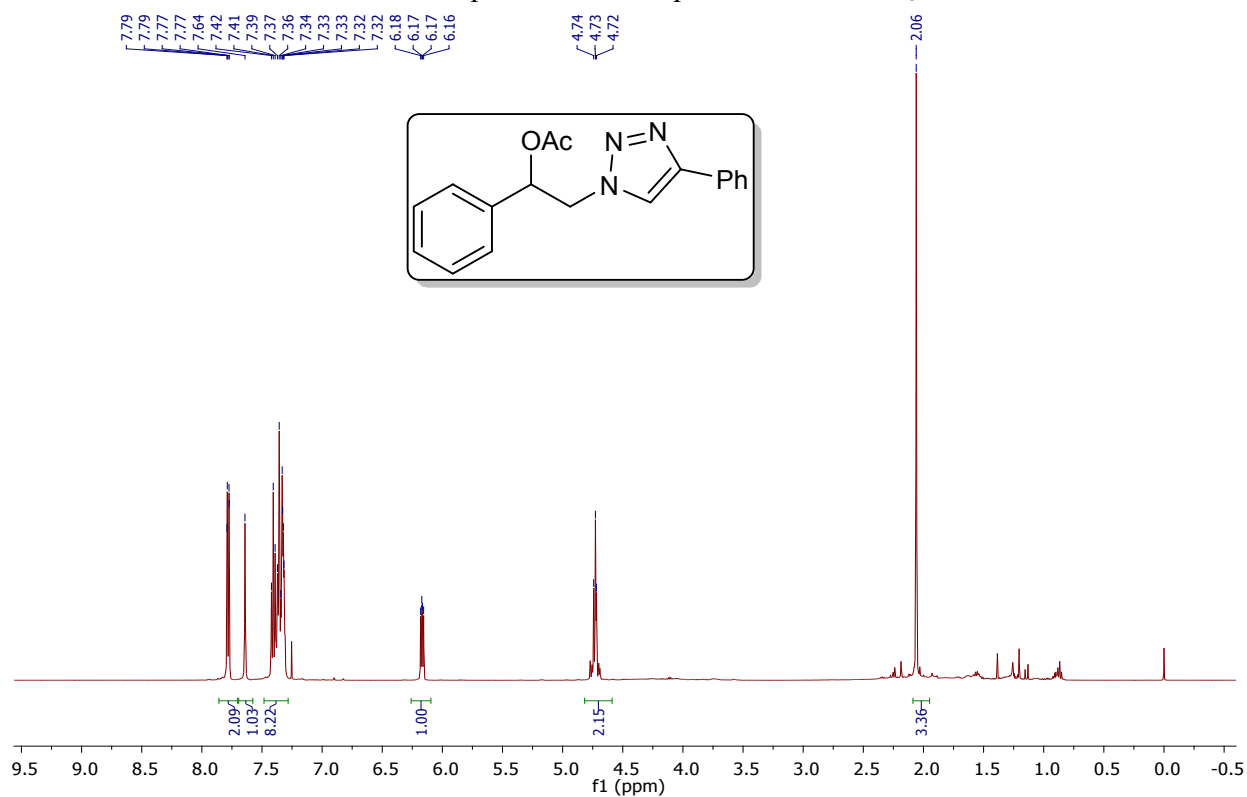
¹H NMR Spectrum of compound **9** in CDCl₃



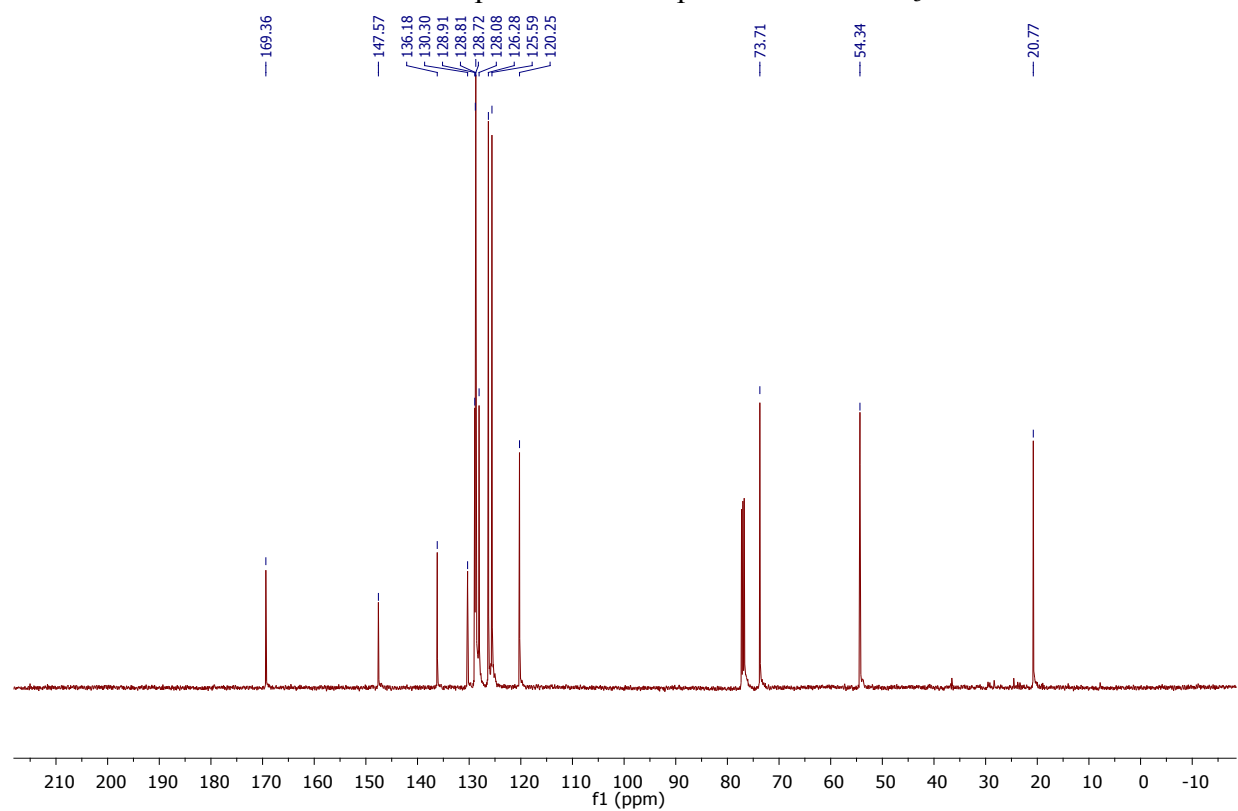
¹³C NMR Spectrum of compound **9** in CDCl₃



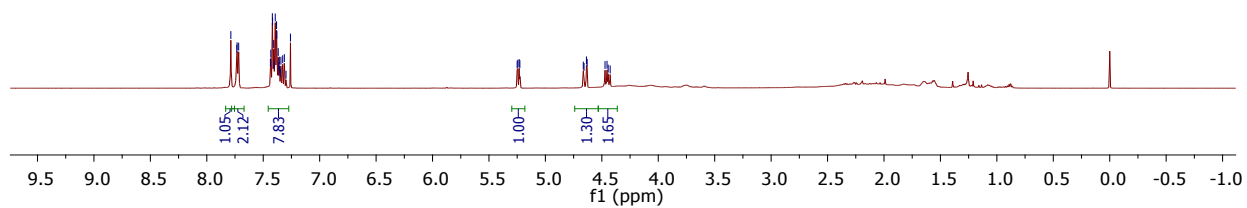
¹H NMR Spectrum of compound **10** in CDCl₃



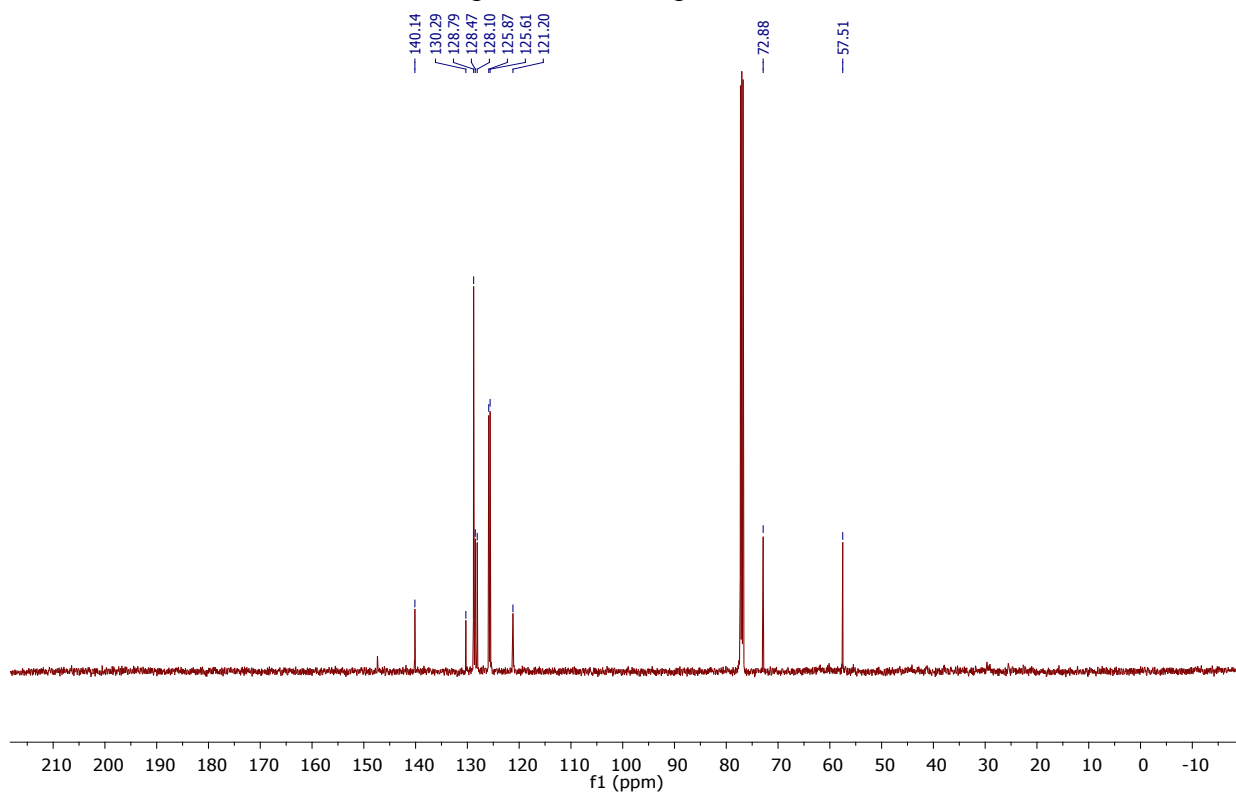
¹³C NMR Spectrum of compound **10** in CDCl₃



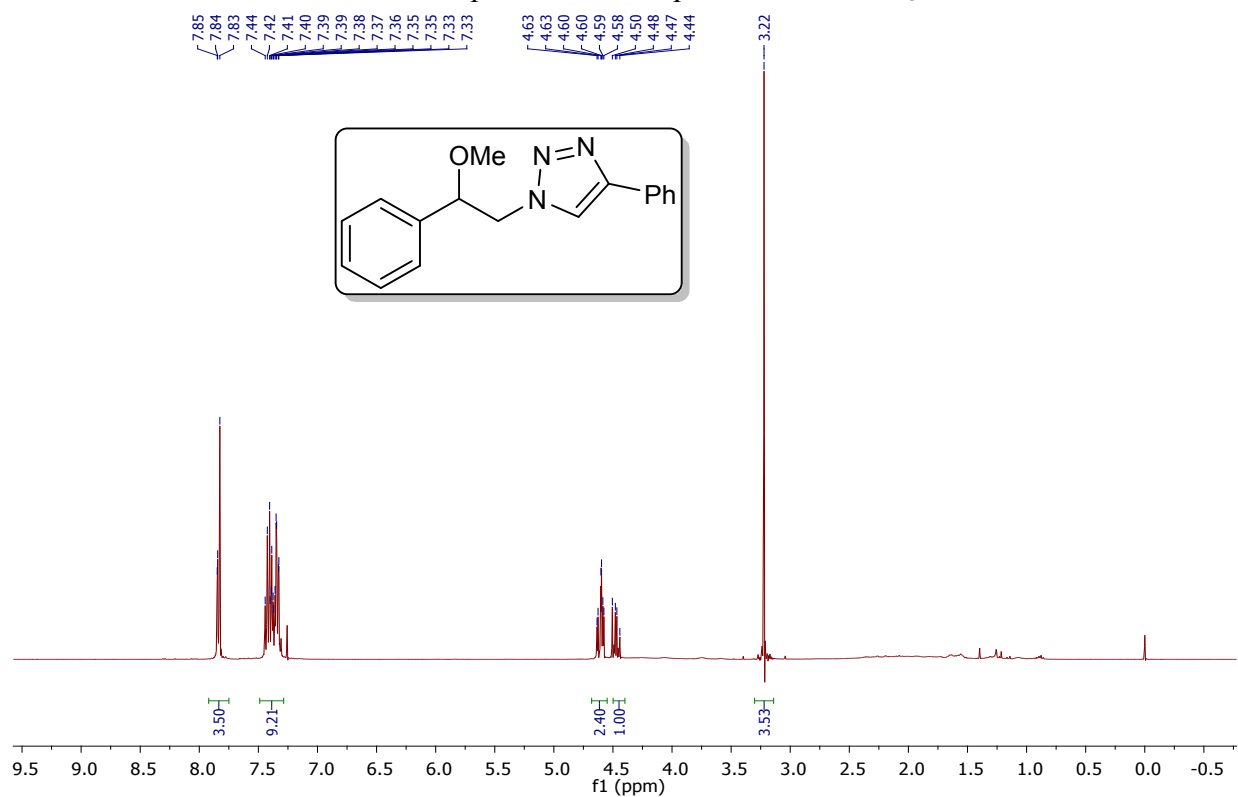
¹H NMR Spectrum of compound **11** in CDCl₃



¹³C NMR Spectrum of compound **12** in CDCl₃



¹H NMR Spectrum of compound **12** in CDCl₃



¹³C NMR Spectrum of compound **12** in CDCl₃

