

Supporting Information

DIASTEREOSELECTIVE SYNTHESIS OF POLY-SUBSTITUTED *SYN*-IMIDAZOLIDINE-2-THIONES VIA MICROWAVE-ASSISTED THREE-COMPONENT [2+2+1] HETEROCYCLIZATIONS

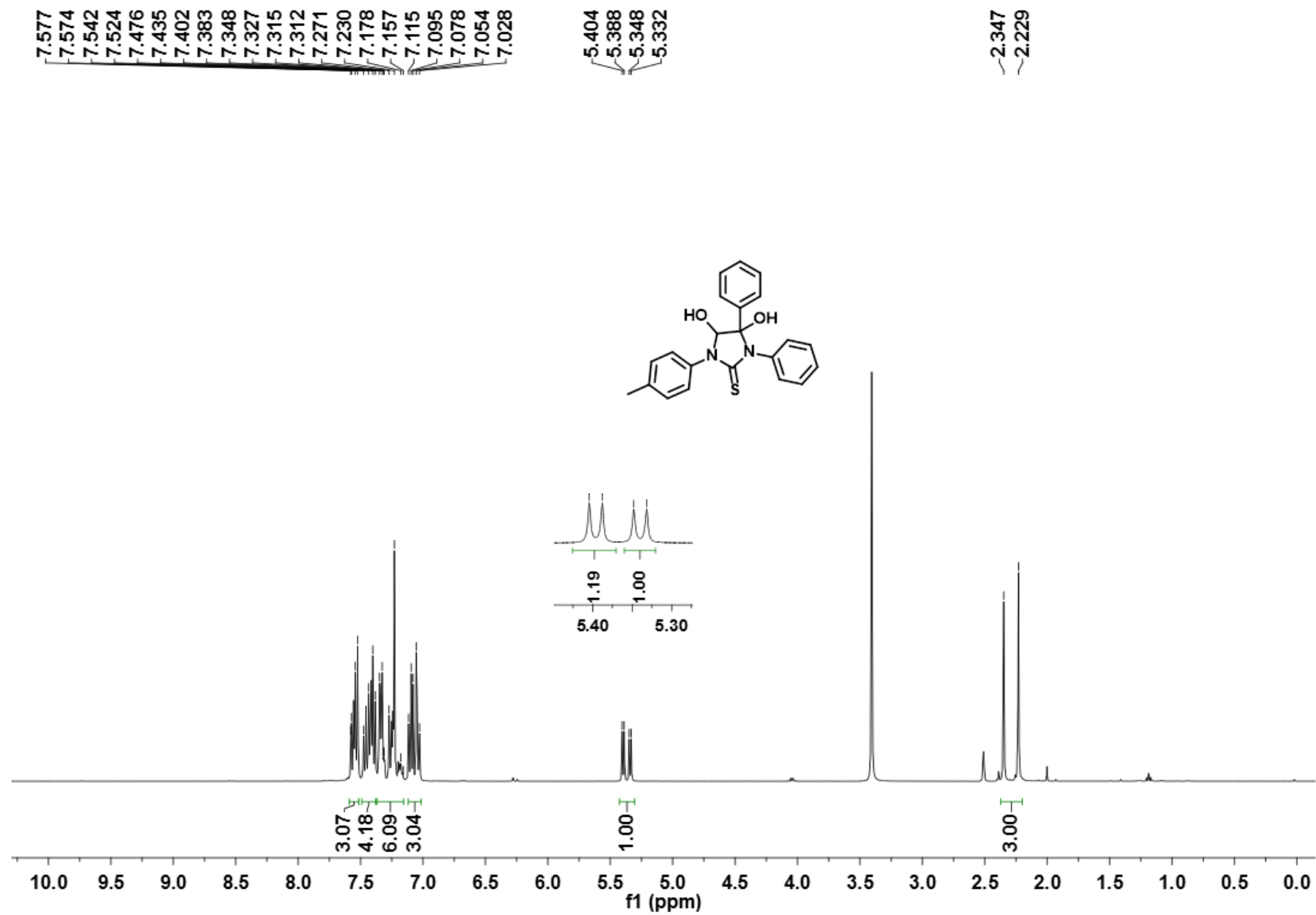
Jie-Yu Hu,^{a,1} Yi-Yun Gao,^{a,1} Wen-Wen Zhang,^{a,1} Ke-Ying Zhang,^{a,1} Wen-Lian Li,^{a,1} Wen-Juan Hao,^{a,*} Bo Jiang,^a and Guigen Li^{b,c,*}

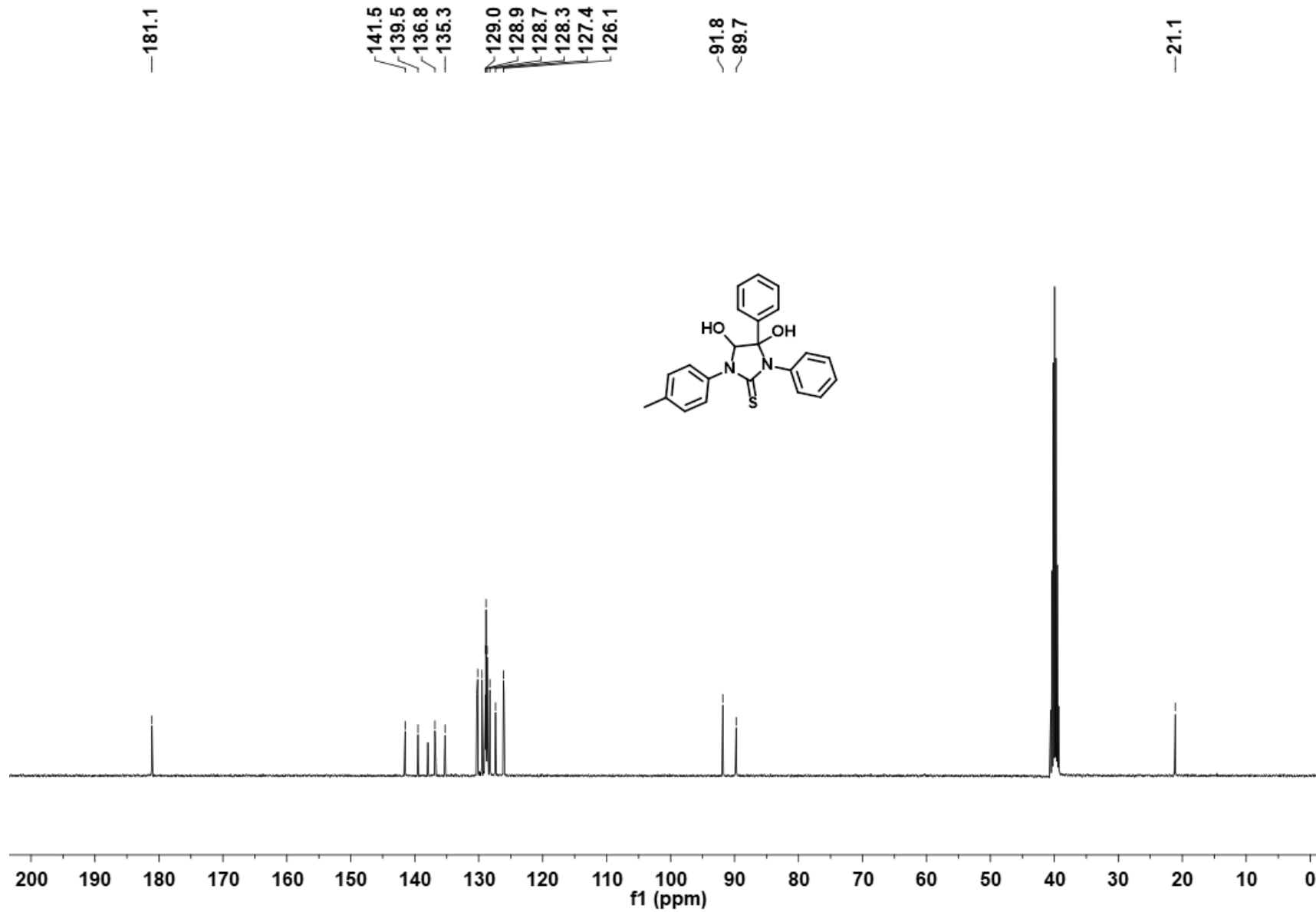
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Context

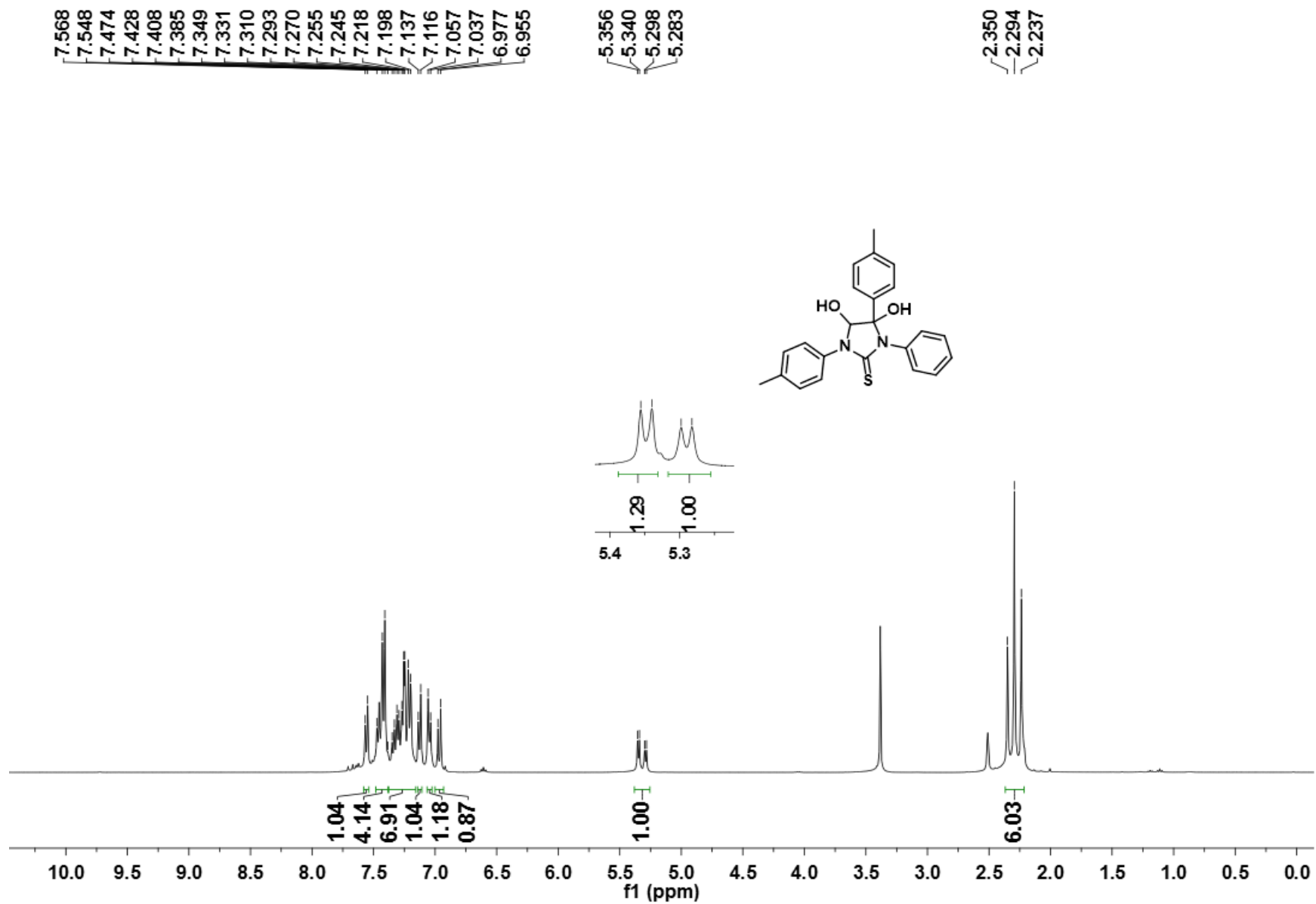
Copies of ¹H NMR and ¹³C NMR Spectra for Compounds **4a-p**

S2-S33

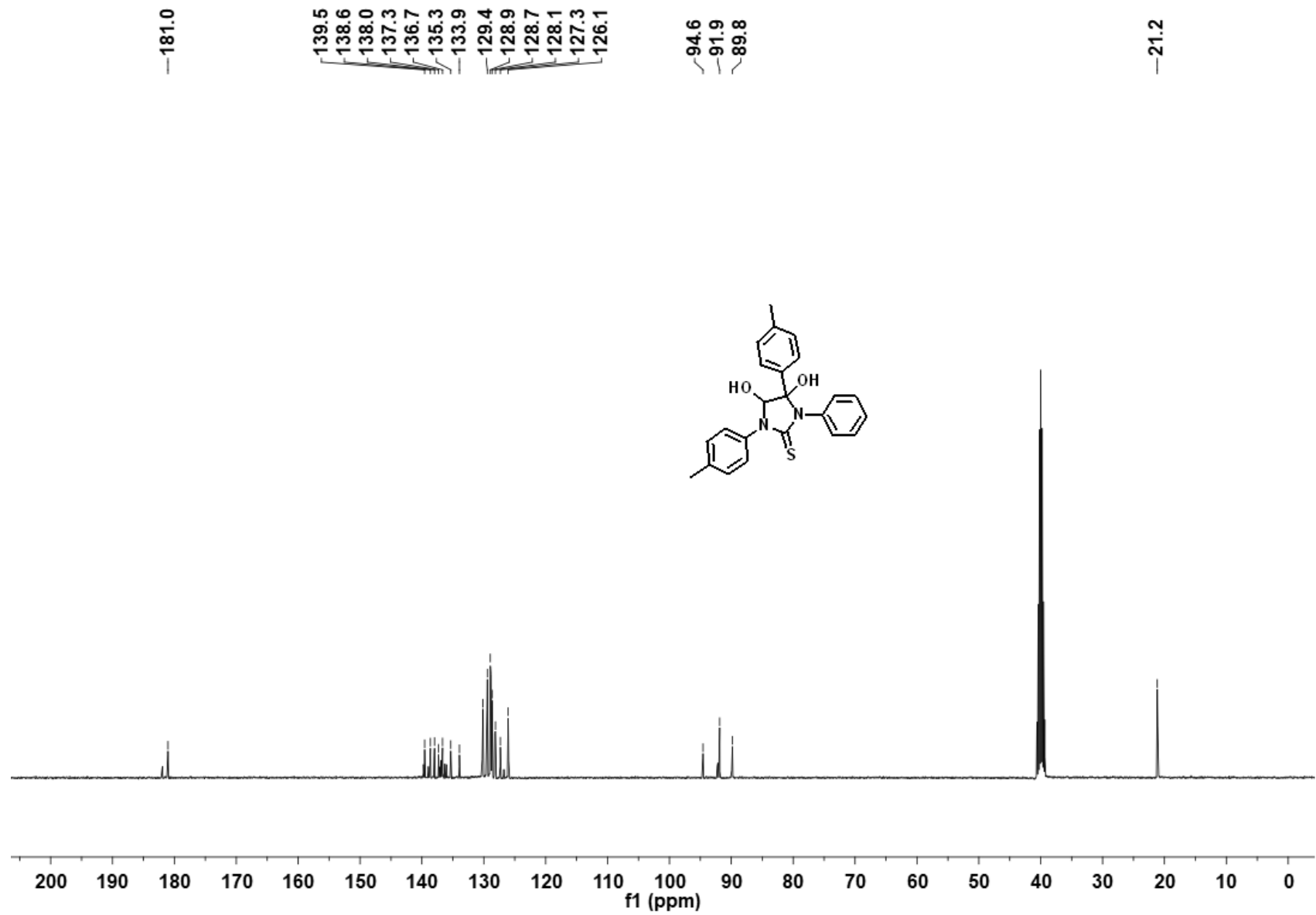




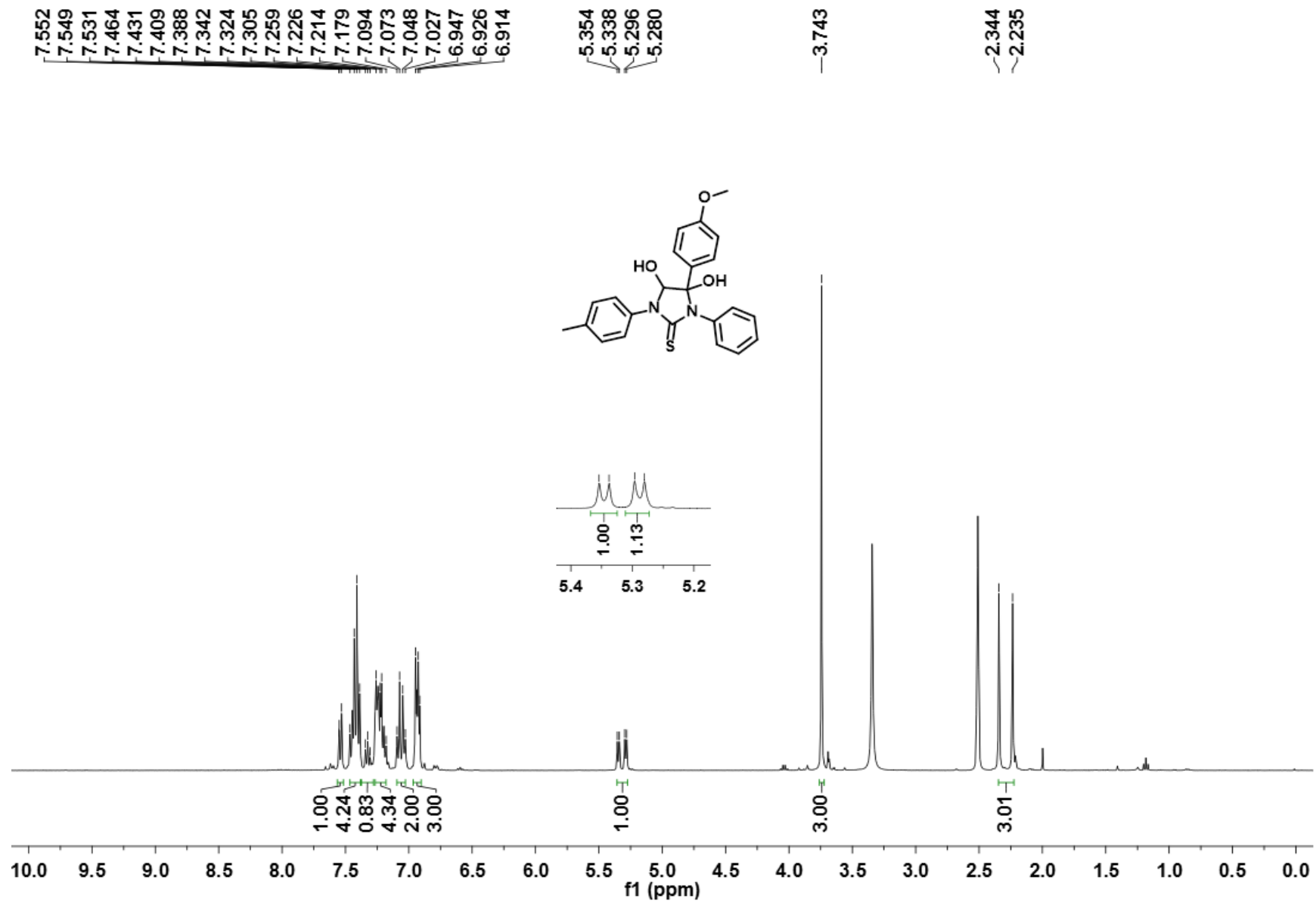
¹³C NMR Spectrum of Compound 4a



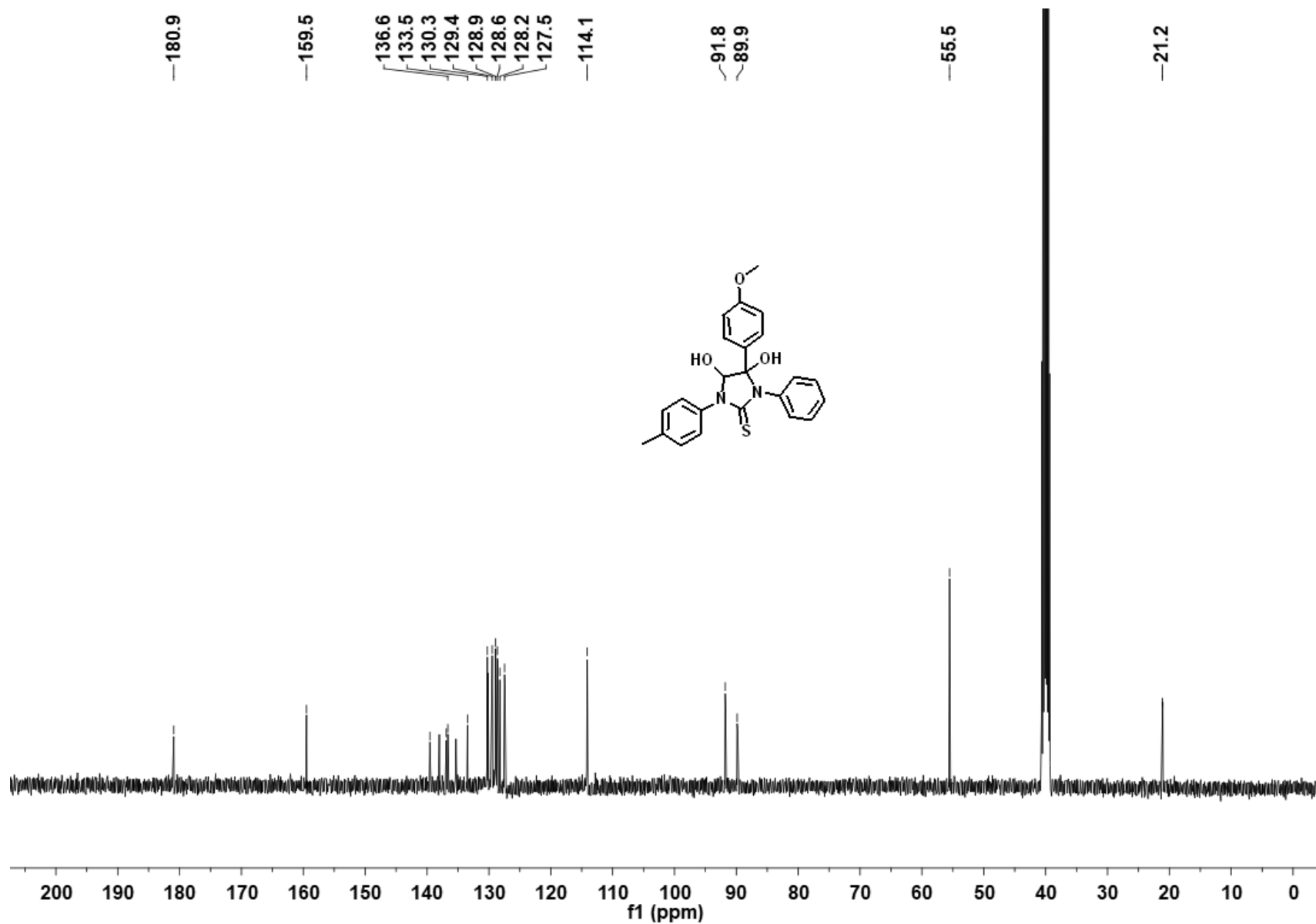
¹H NMR Spectrum of Compound 4b



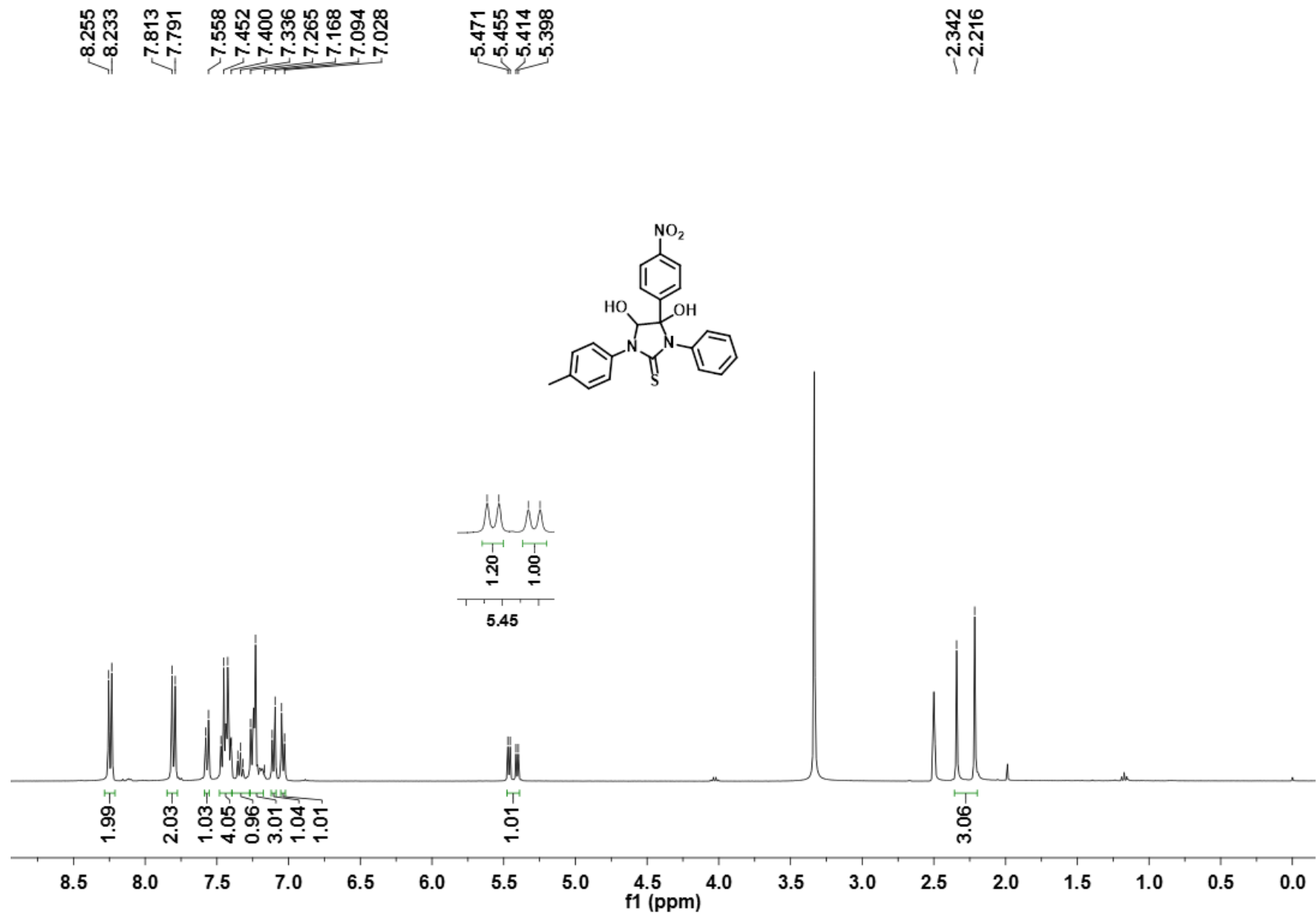
^{13}C NMR Spectrum of Compound **4b**



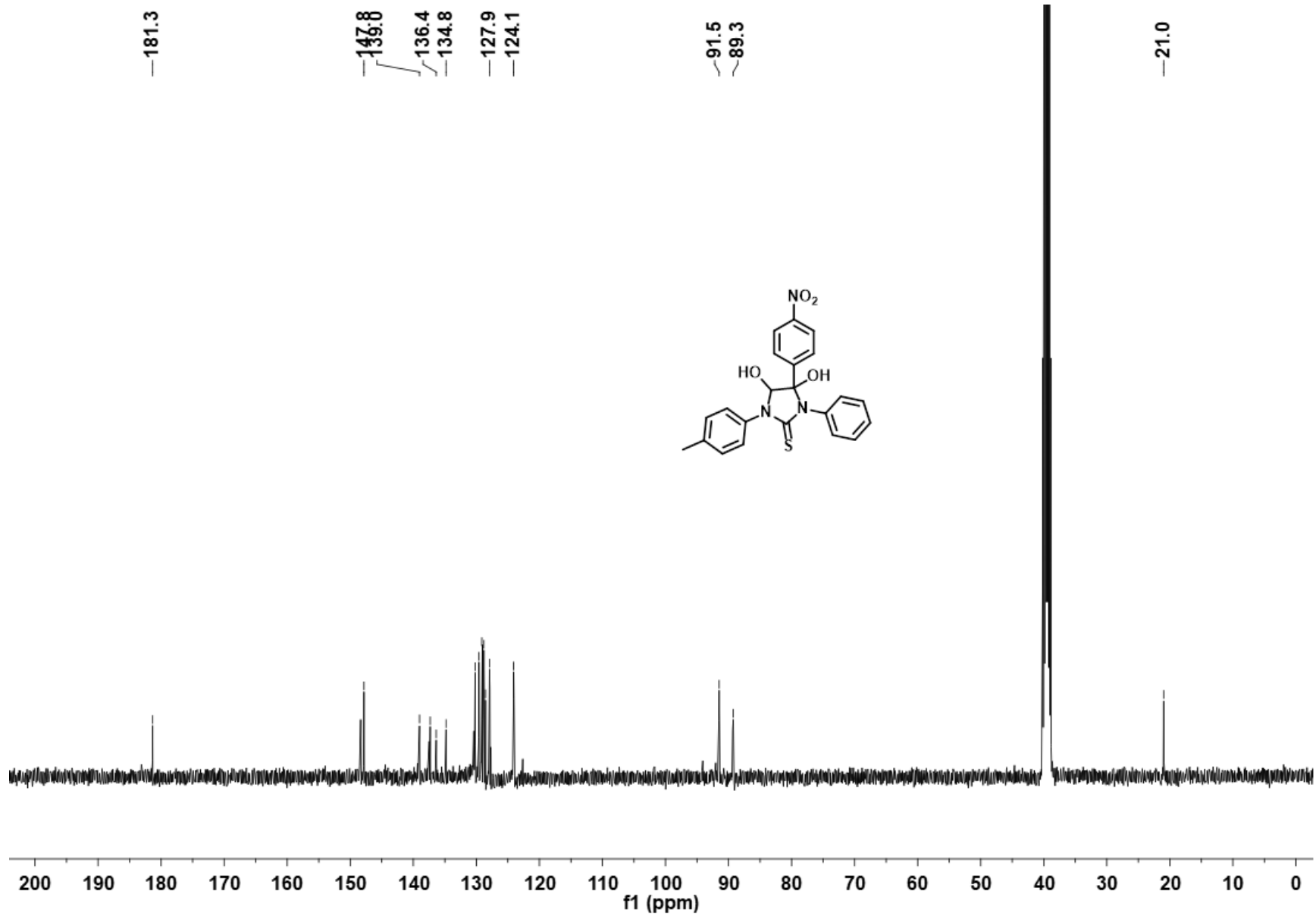
¹H NMR Spectrum of Compound 4c

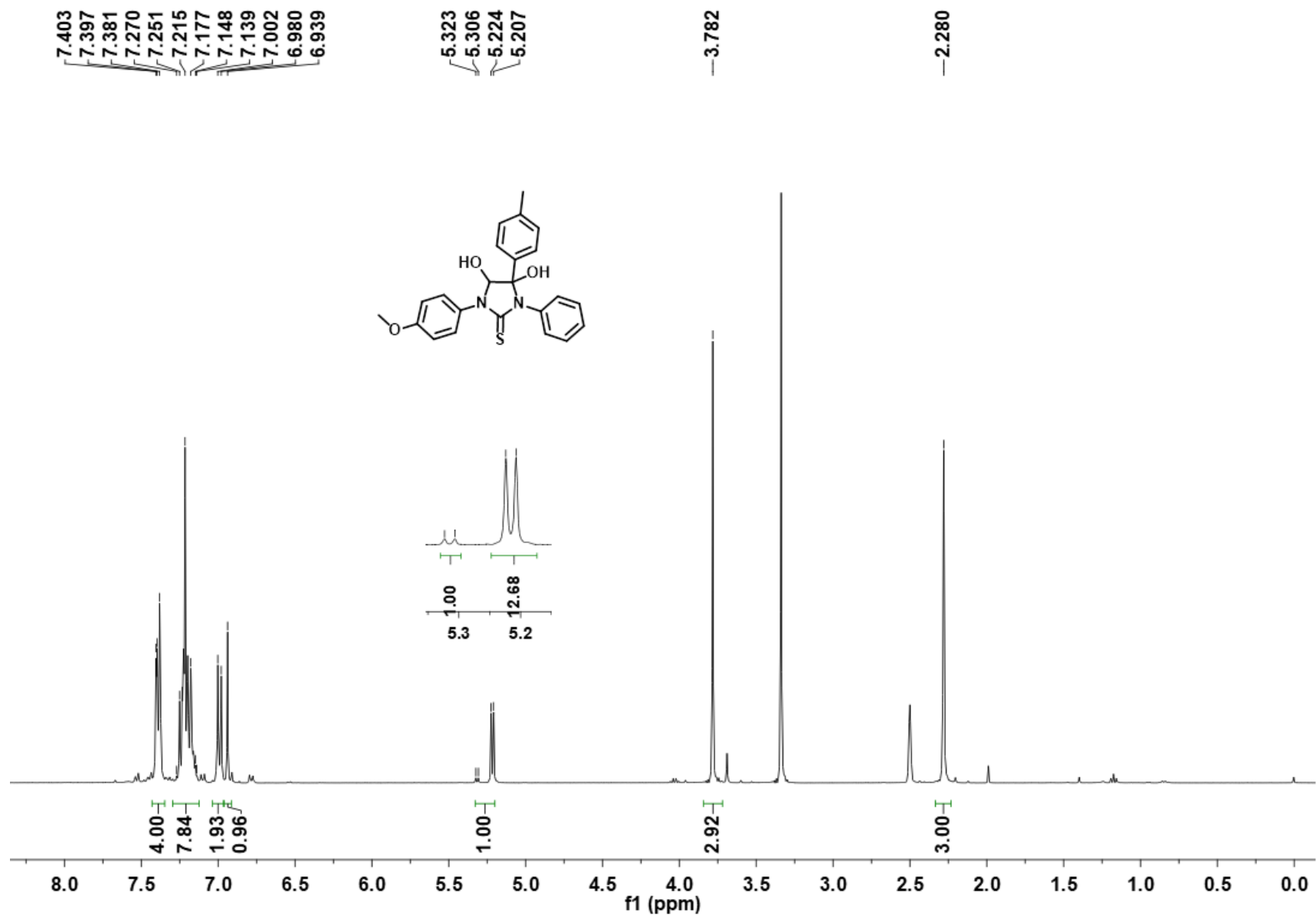


¹³C NMR Spectrum of Compound 4c

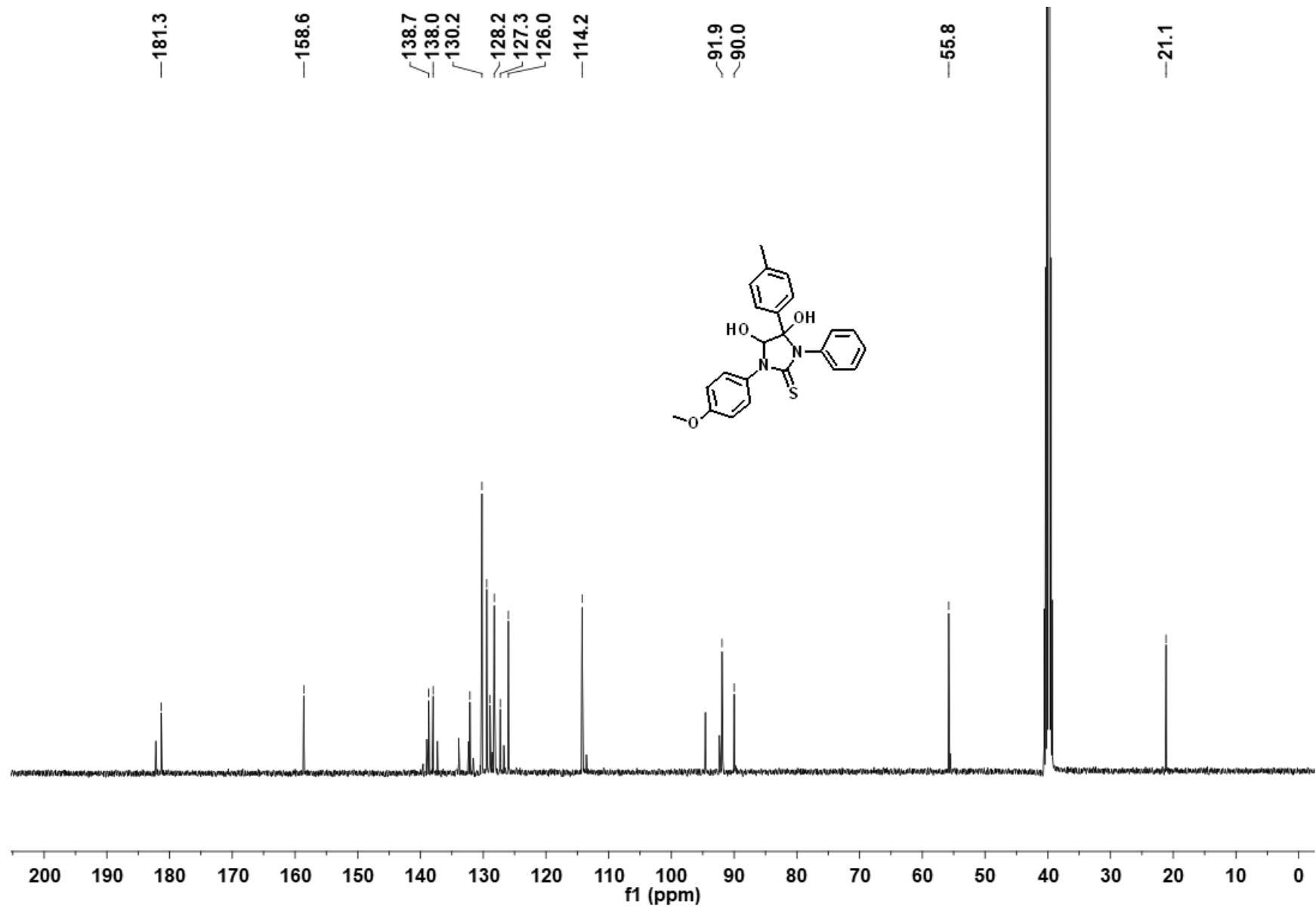


¹H NMR Spectrum of Compound 4d

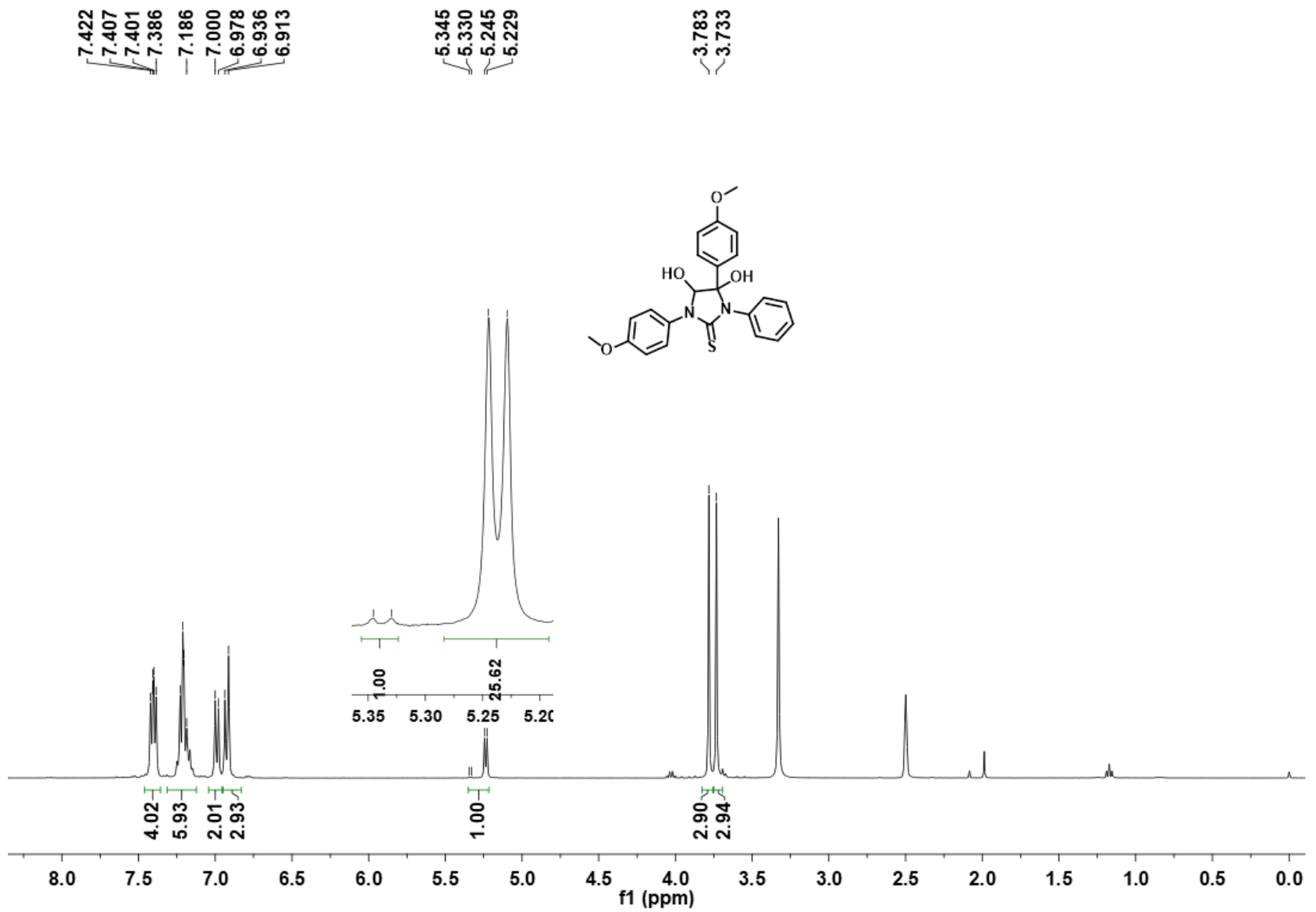


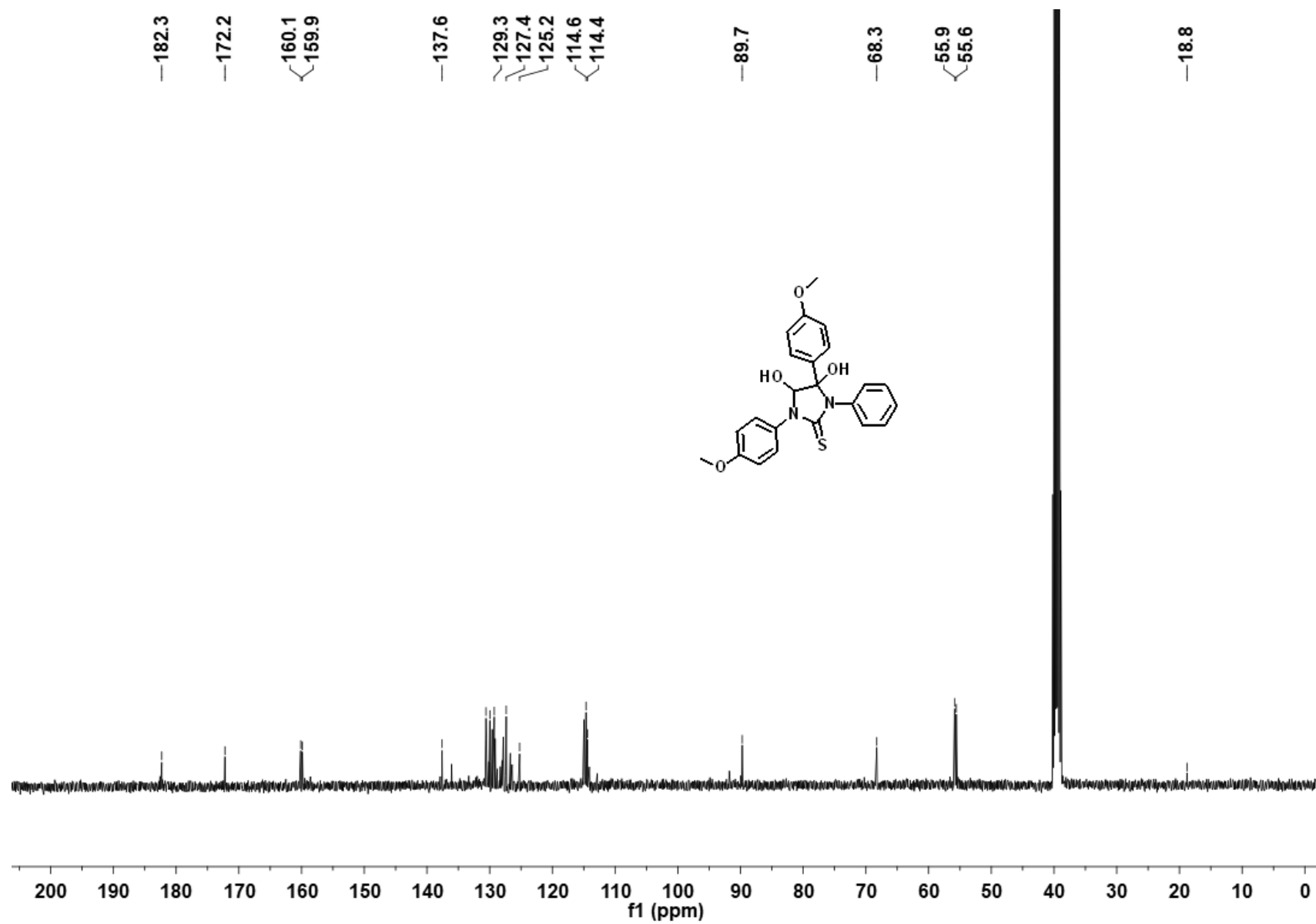


¹H NMR Spectrum of Compound 4e

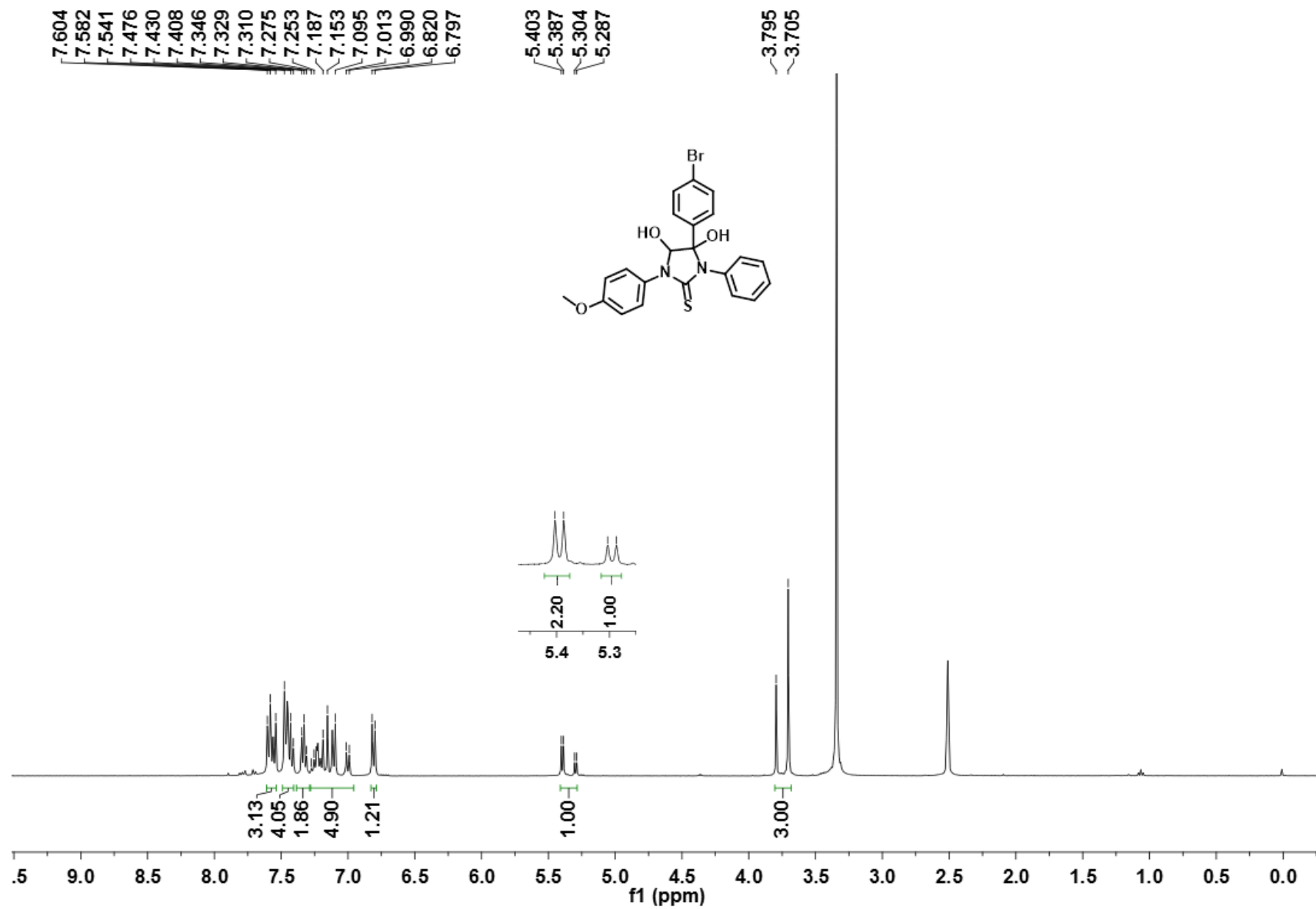


¹³C NMR Spectrum of Compound 4e

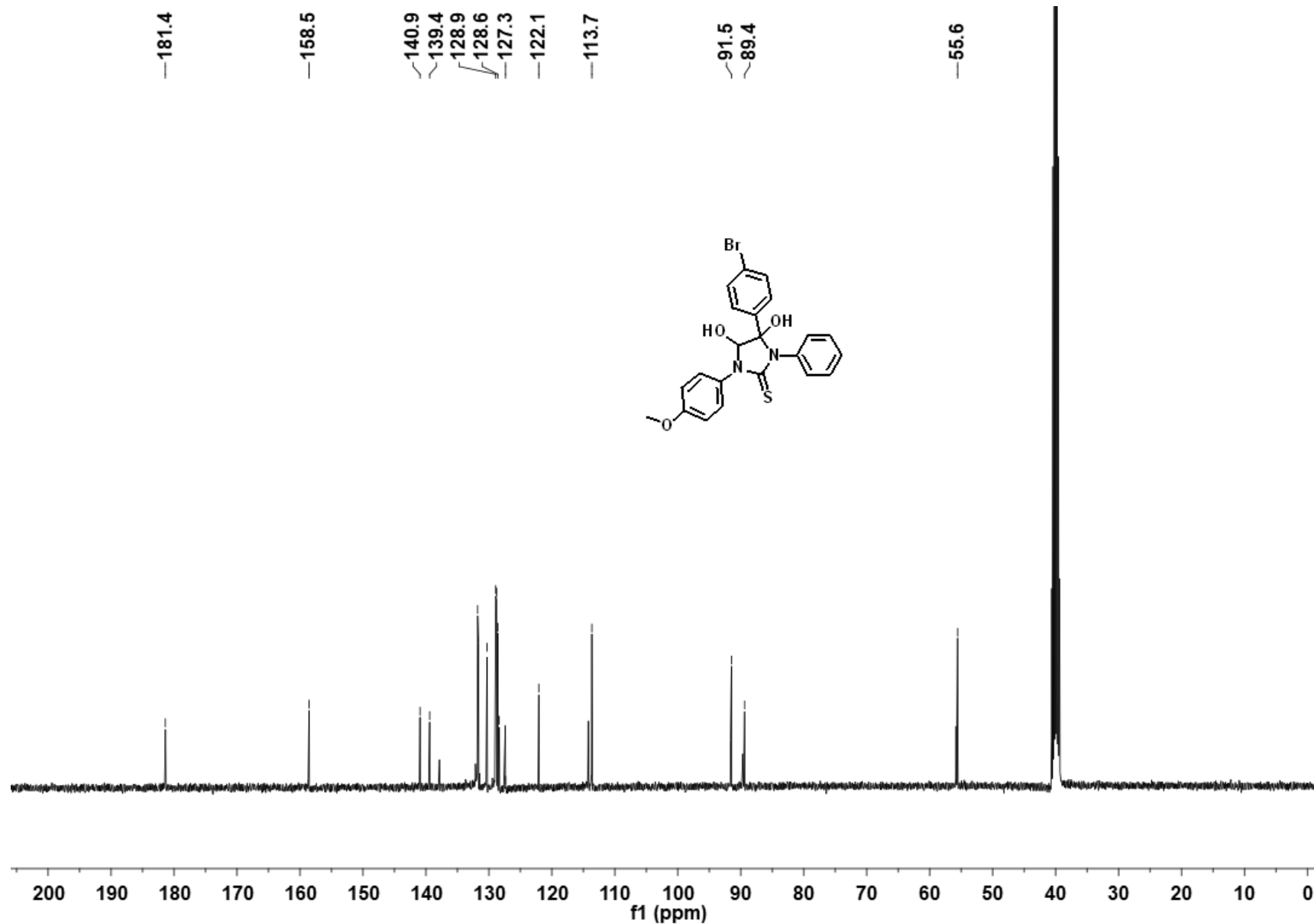




¹³C NMR Spectrum of Compound 4f



¹H NMR Spectrum of Compound 4g

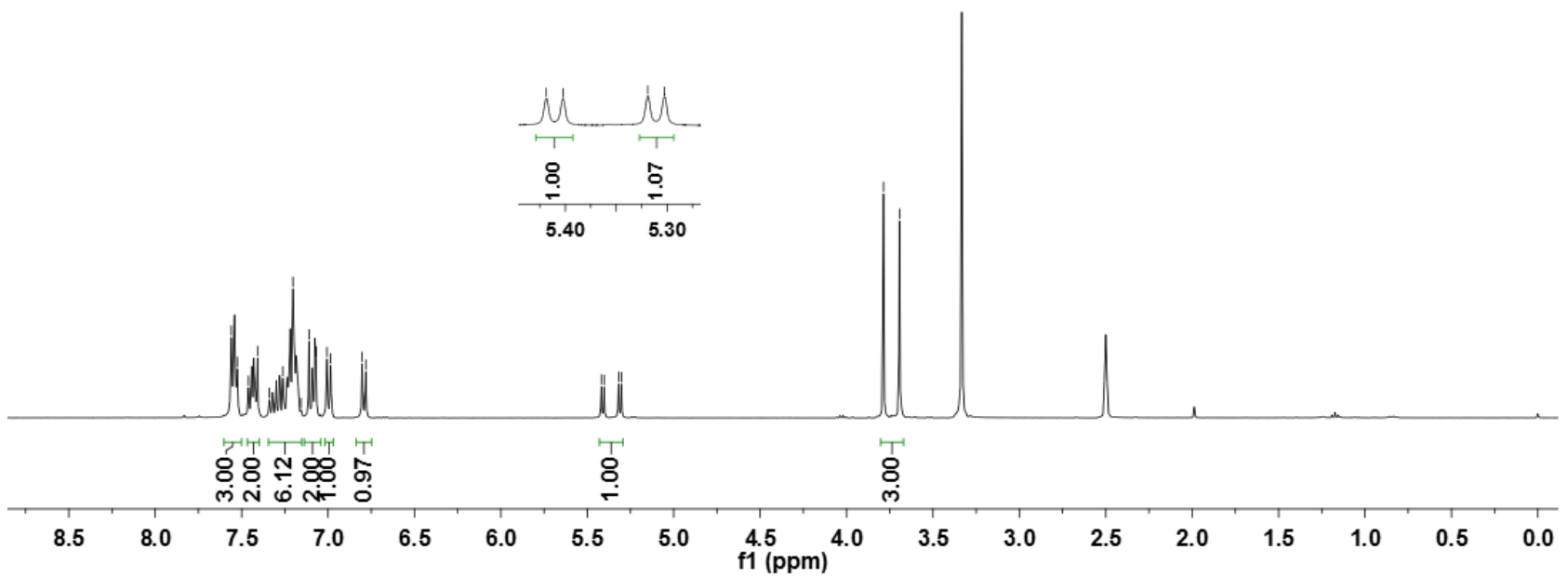
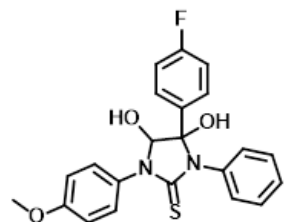


¹³C NMR Spectrum of Compound 4g

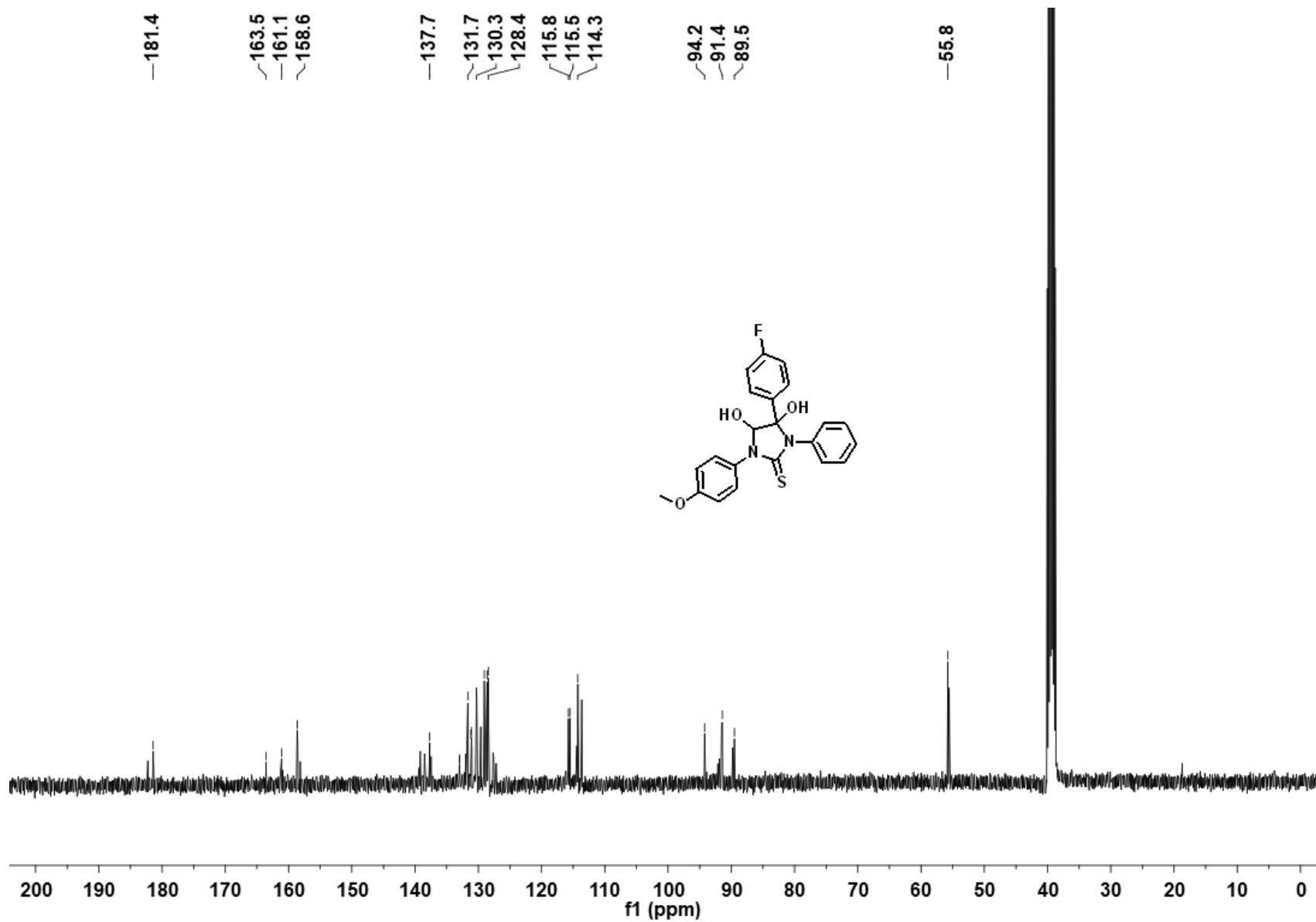
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7.461
7.408
7.339
7.262
7.203
7.156
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7.069
7.006
6.985
6.803
6.781

5.419
5.402
5.319
5.303

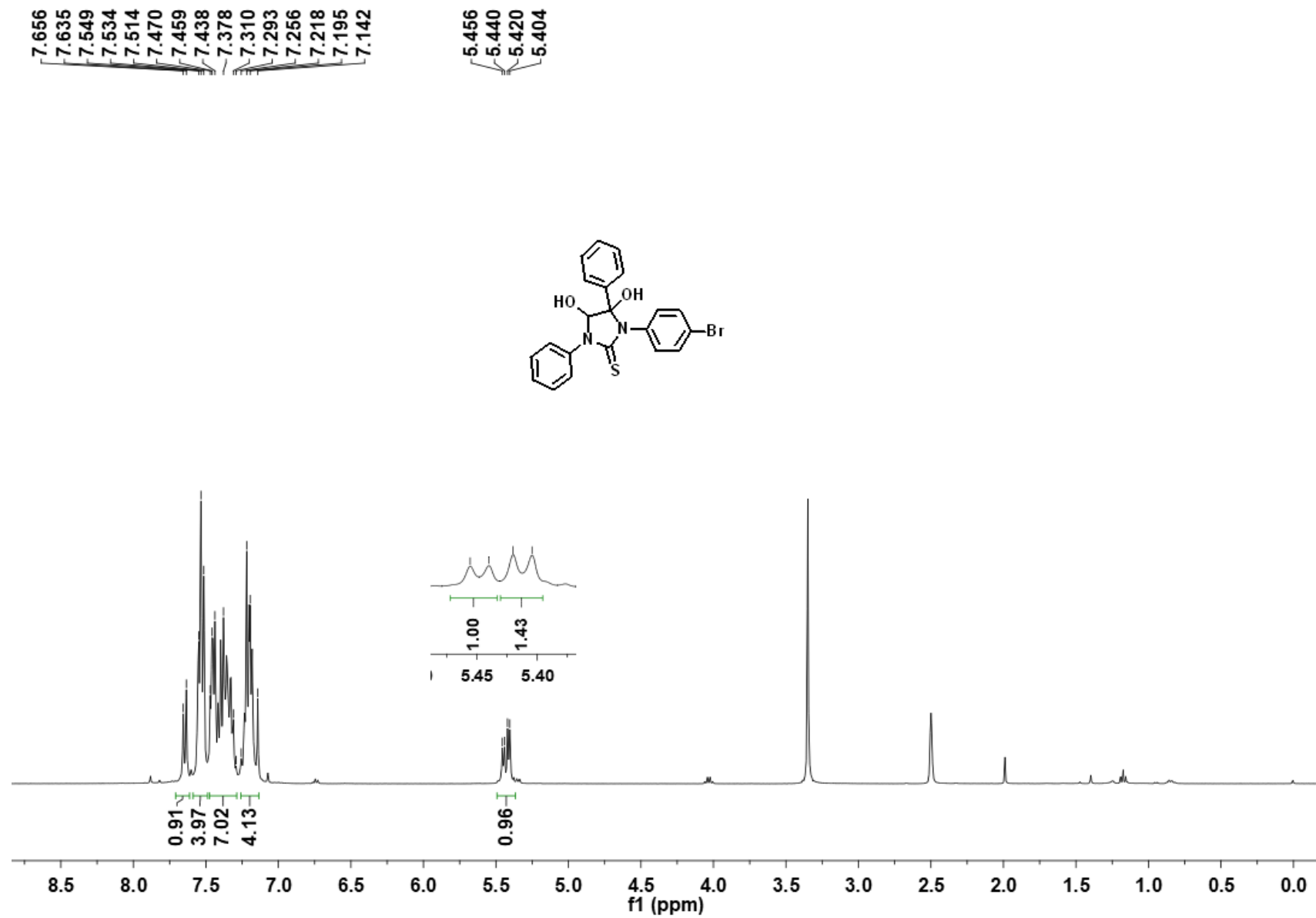
3.786
3.693



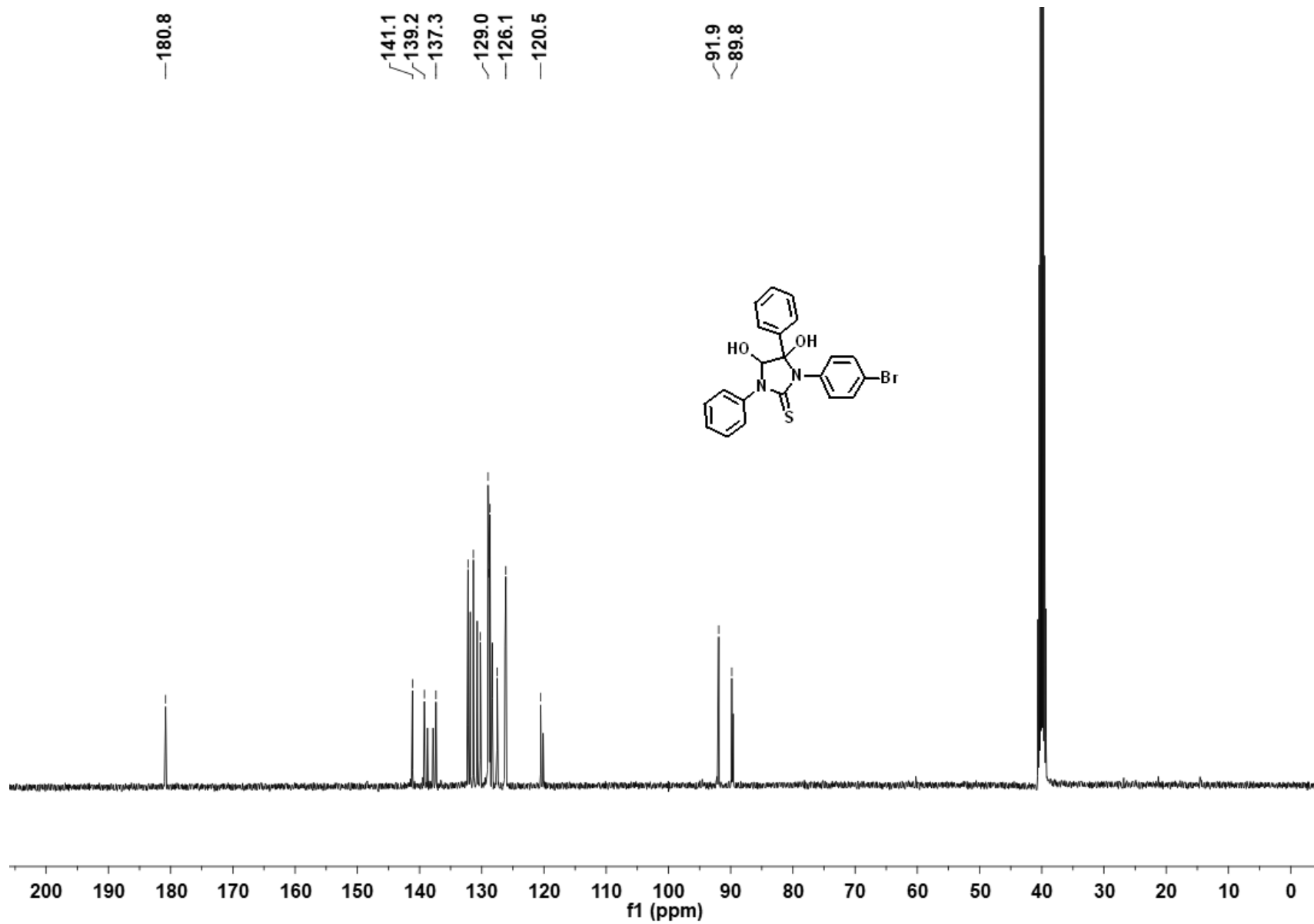
¹H NMR Spectrum of Compound 4h



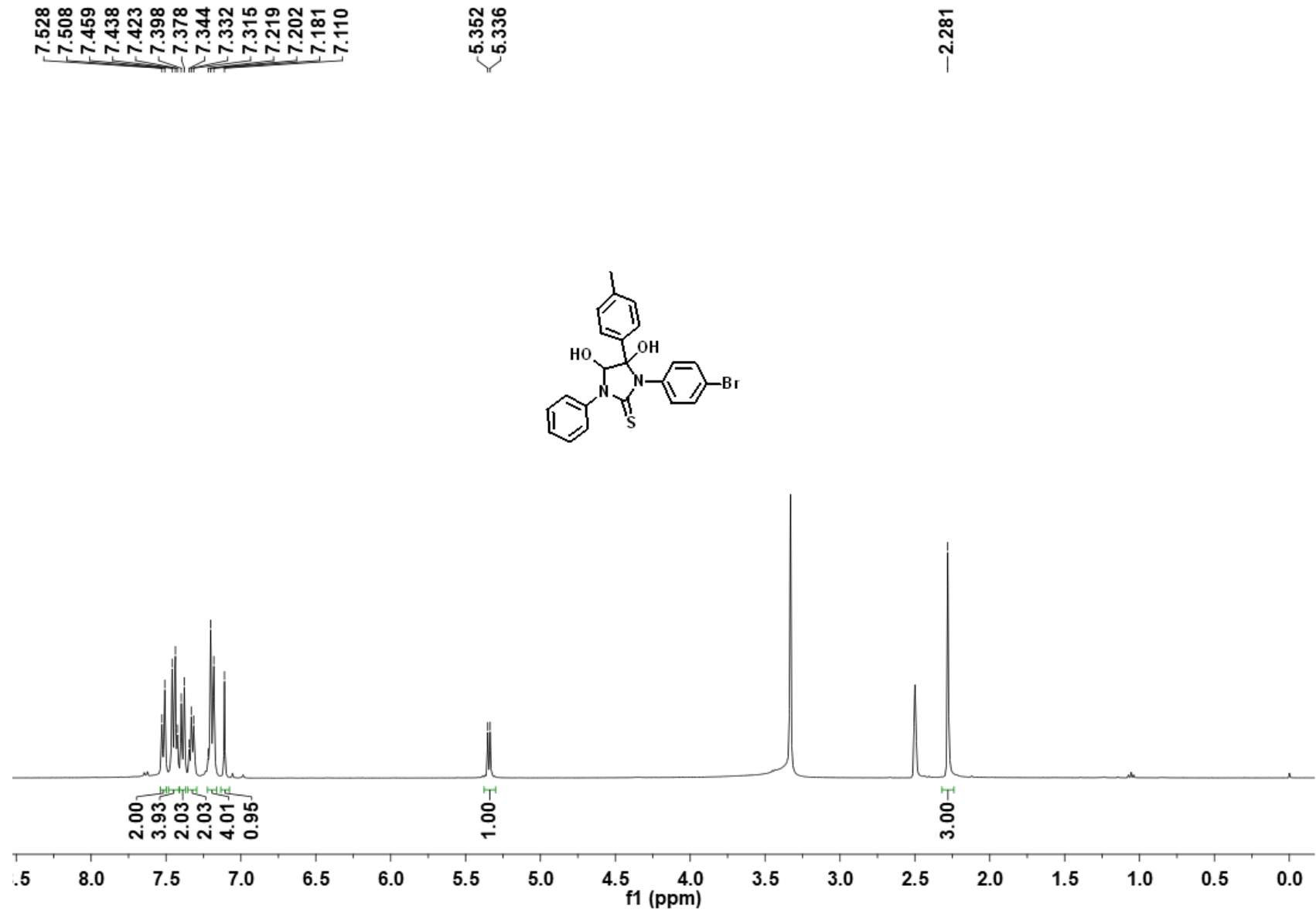
¹³C NMR Spectrum of Compound 4h



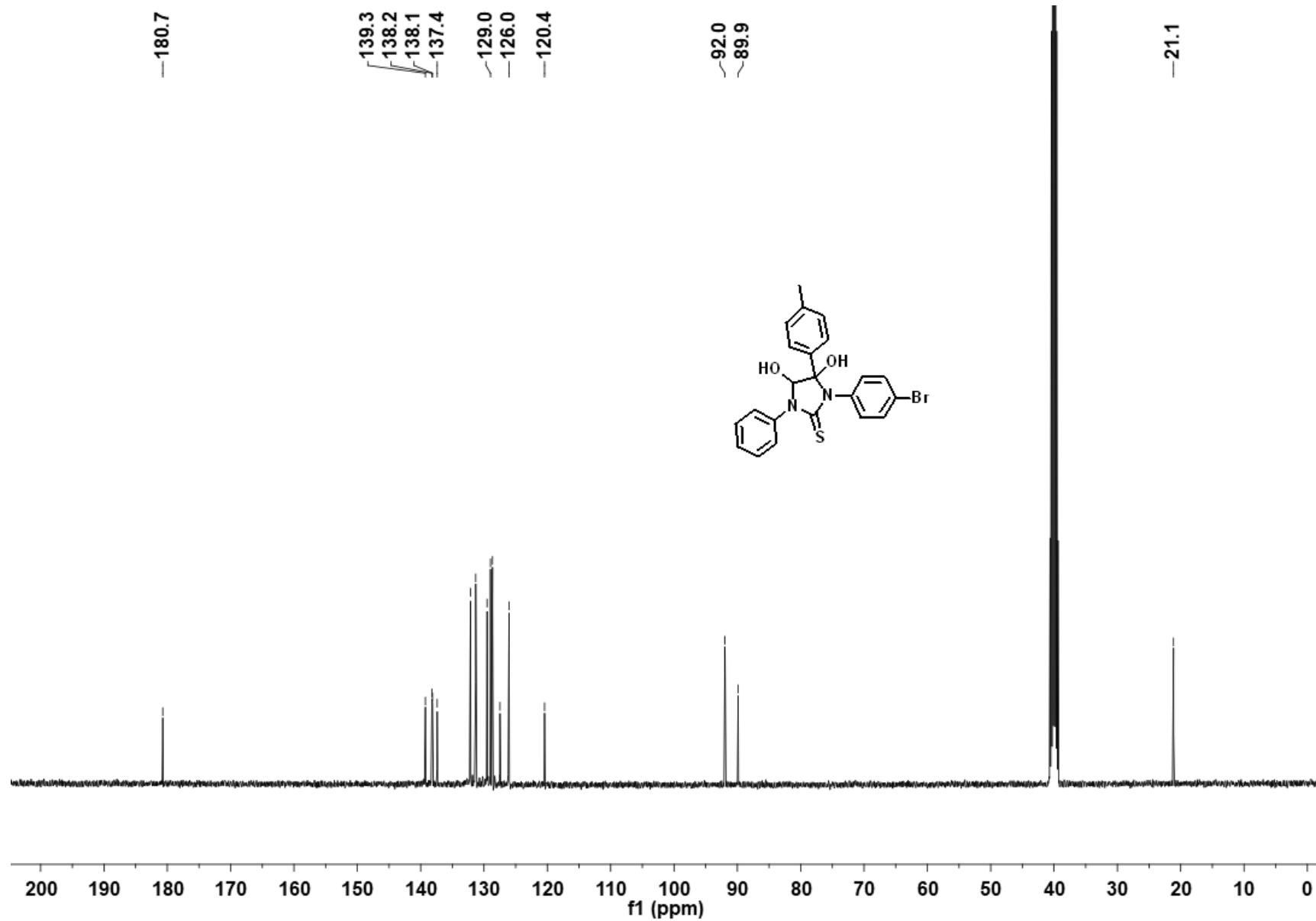
¹H NMR Spectrum of Compound 4i



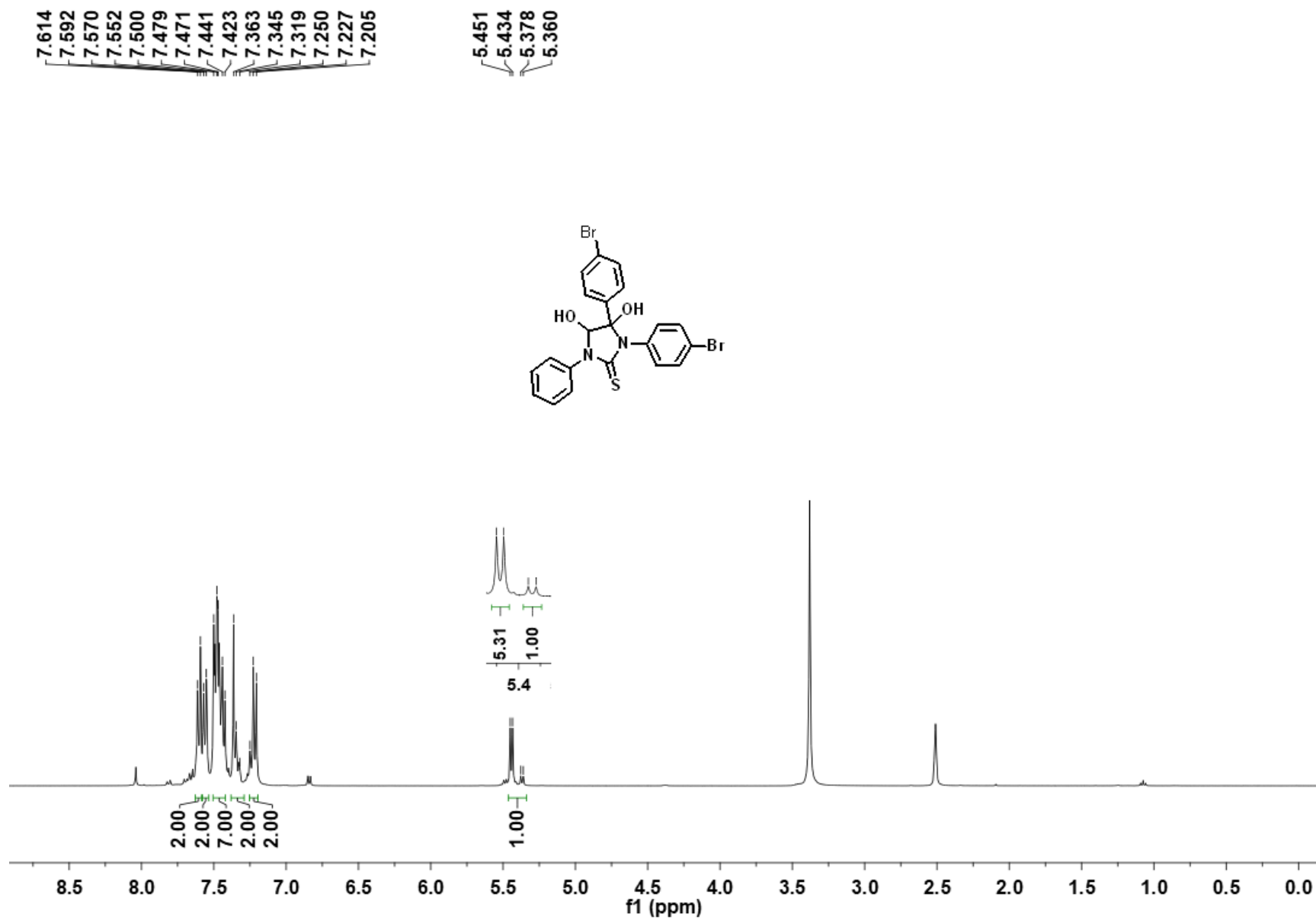
^{13}C NMR Spectrum of Compound 4i



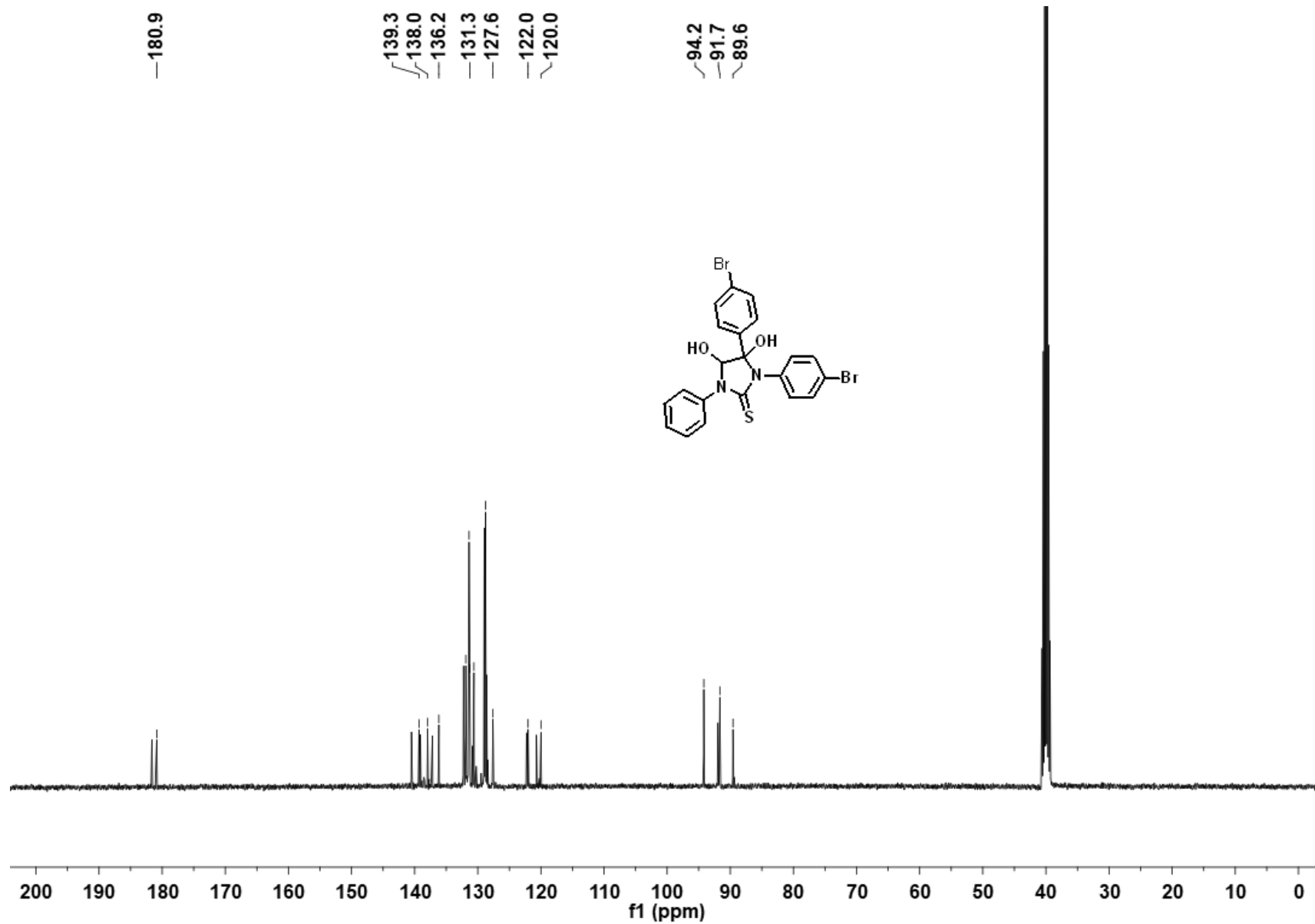
¹H NMR Spectrum of Compound 4j

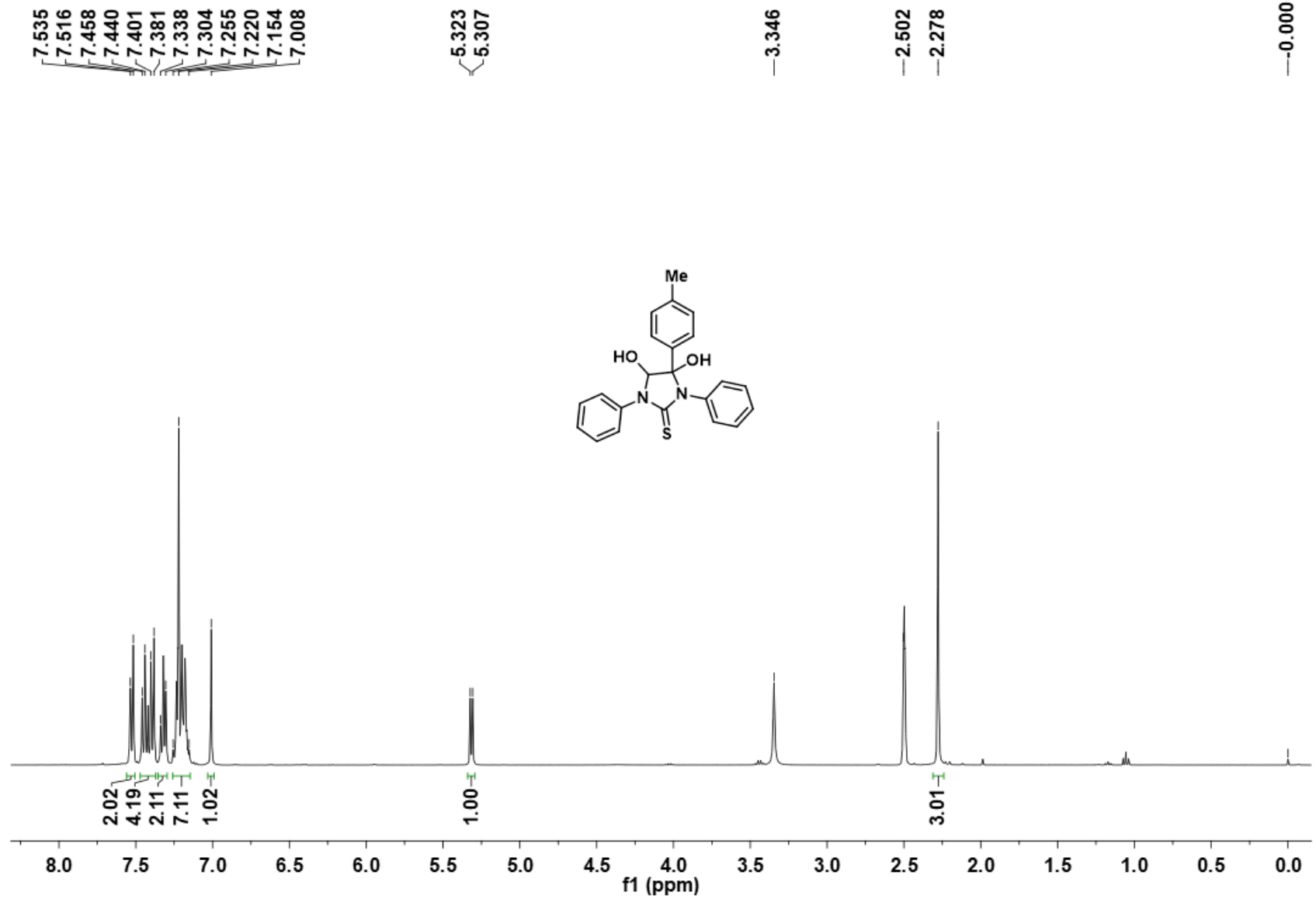


¹³C NMR Spectrum of Compound 4j

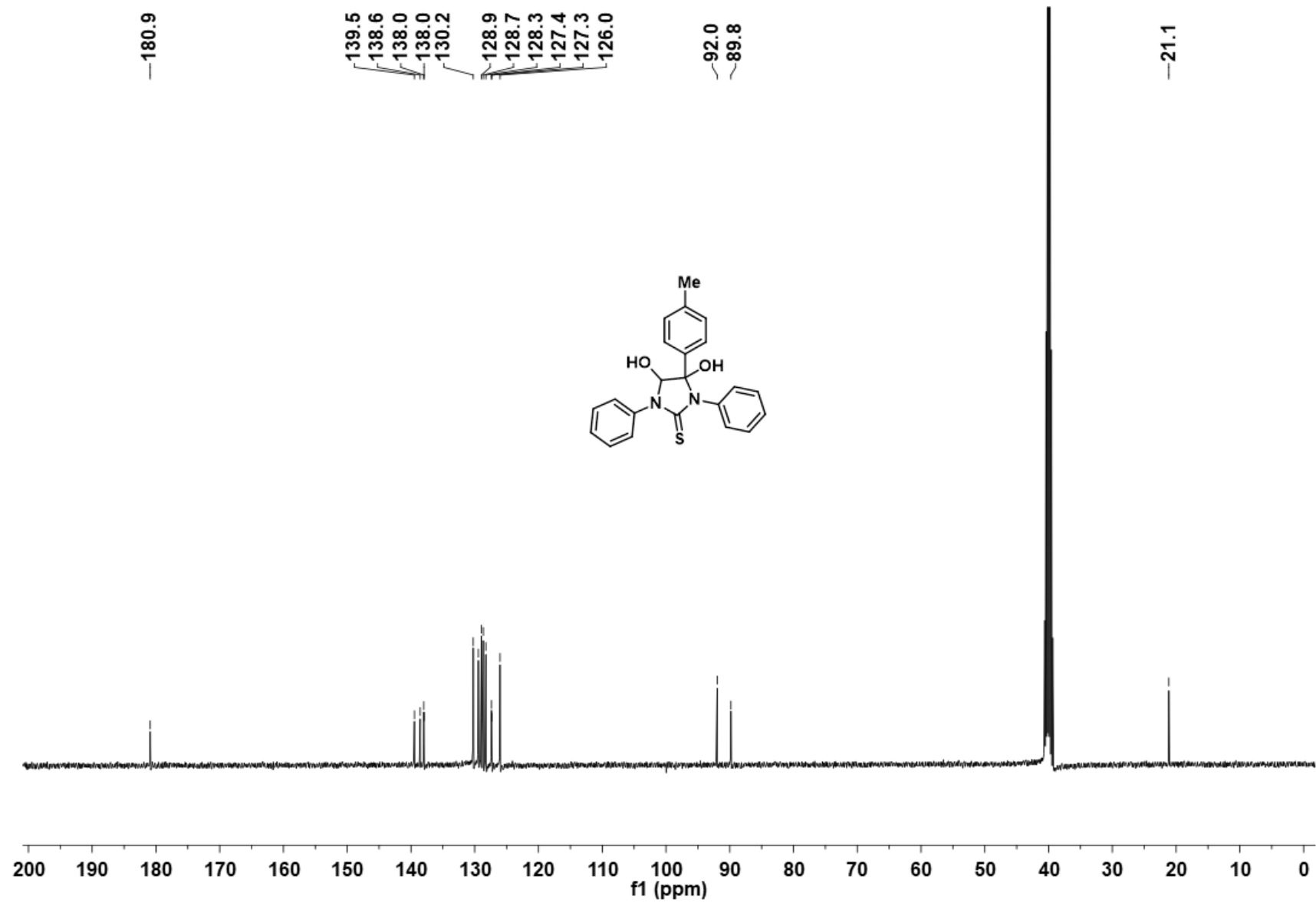


¹H NMR Spectrum of Compound 4k

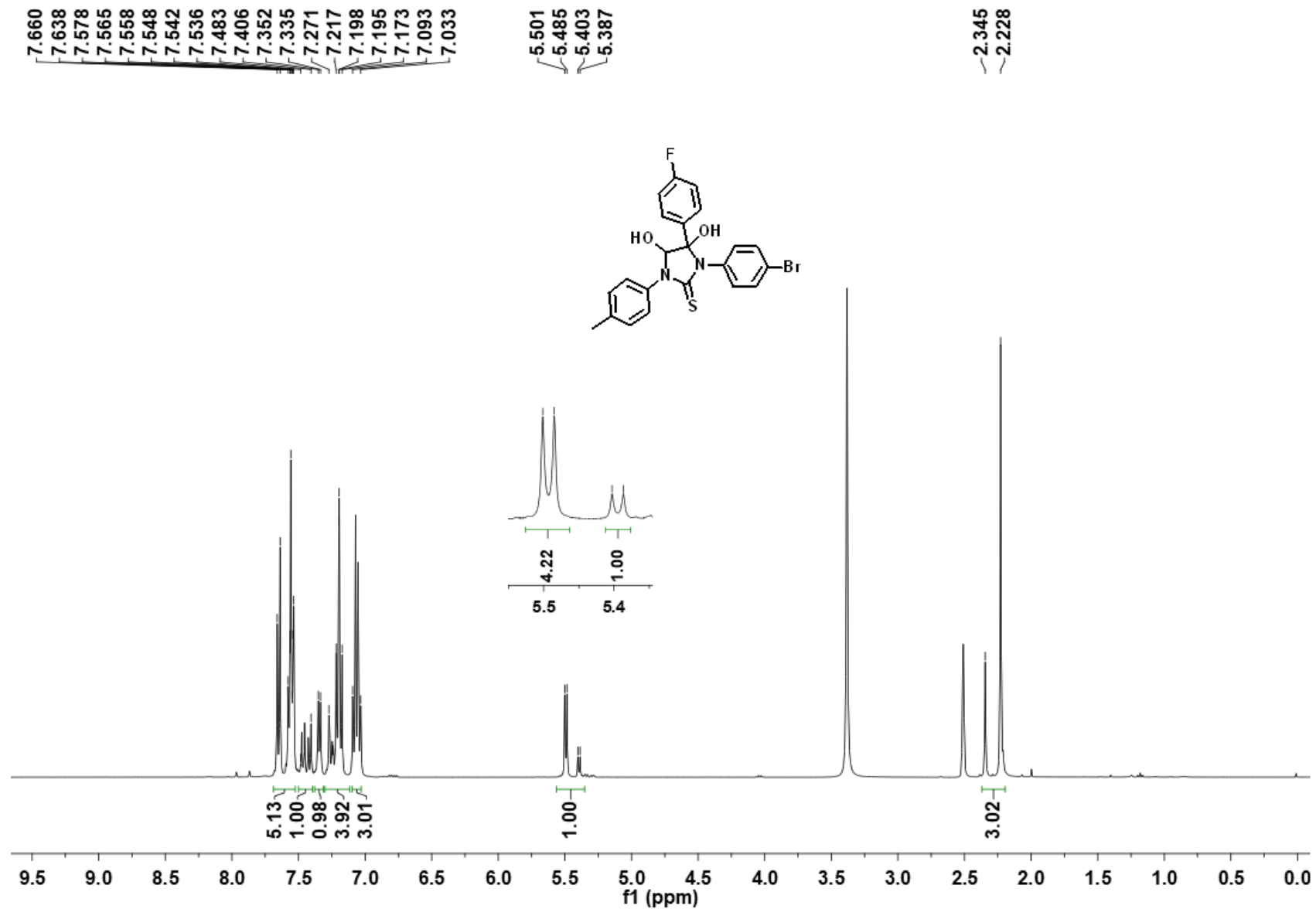


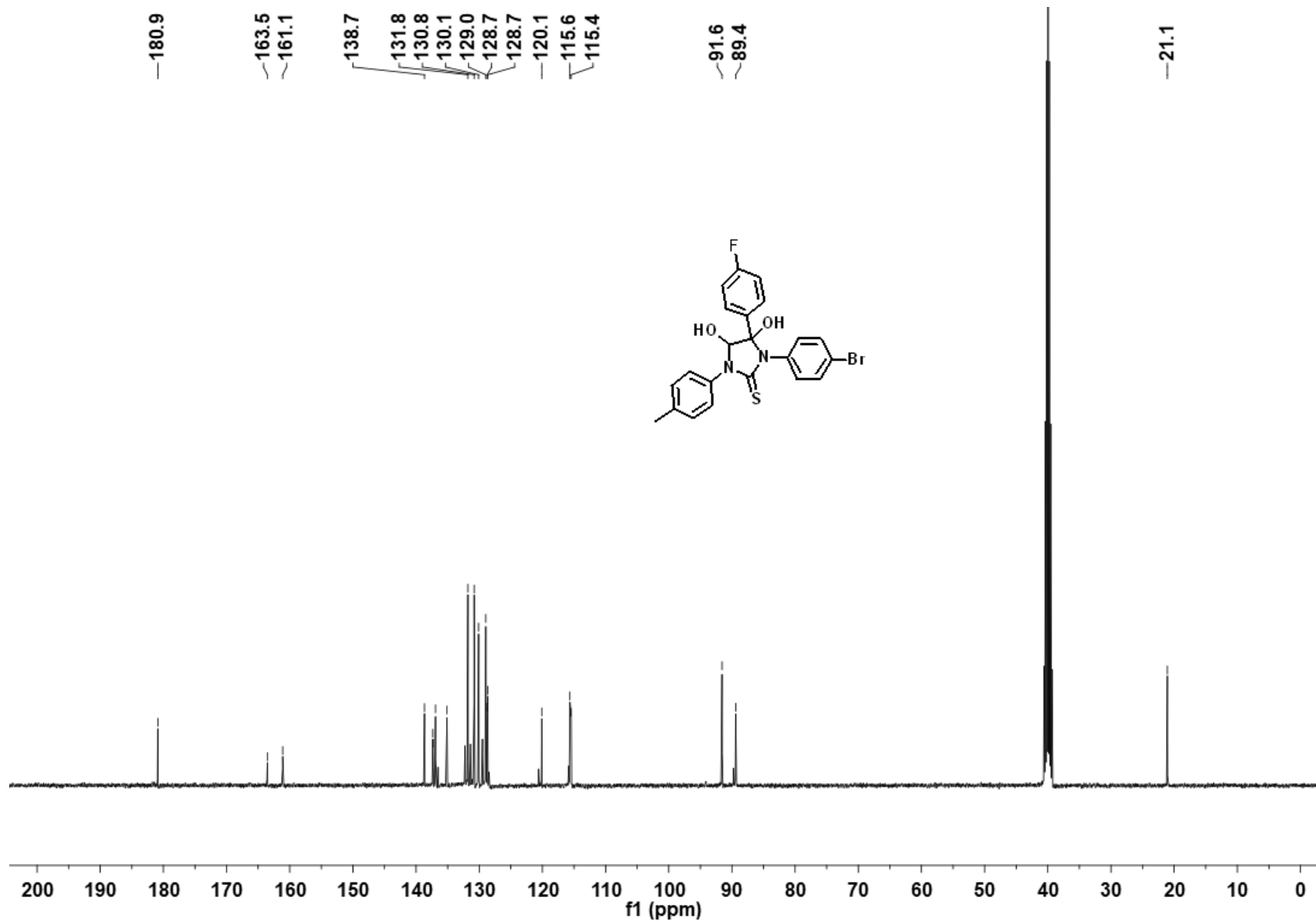


¹H NMR Spectrum of Compound 4I

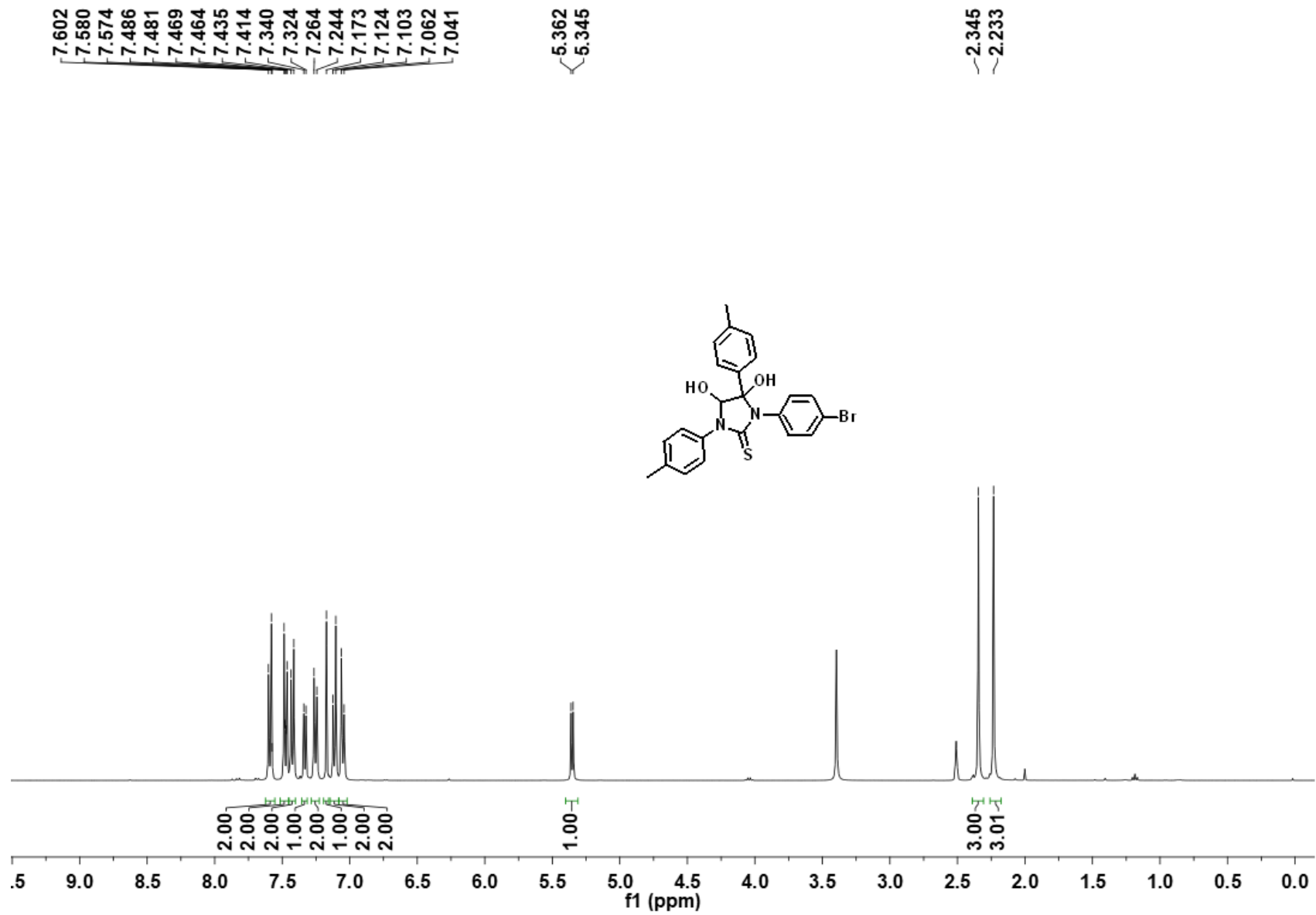


¹³C NMR Spectrum of Compound 4I

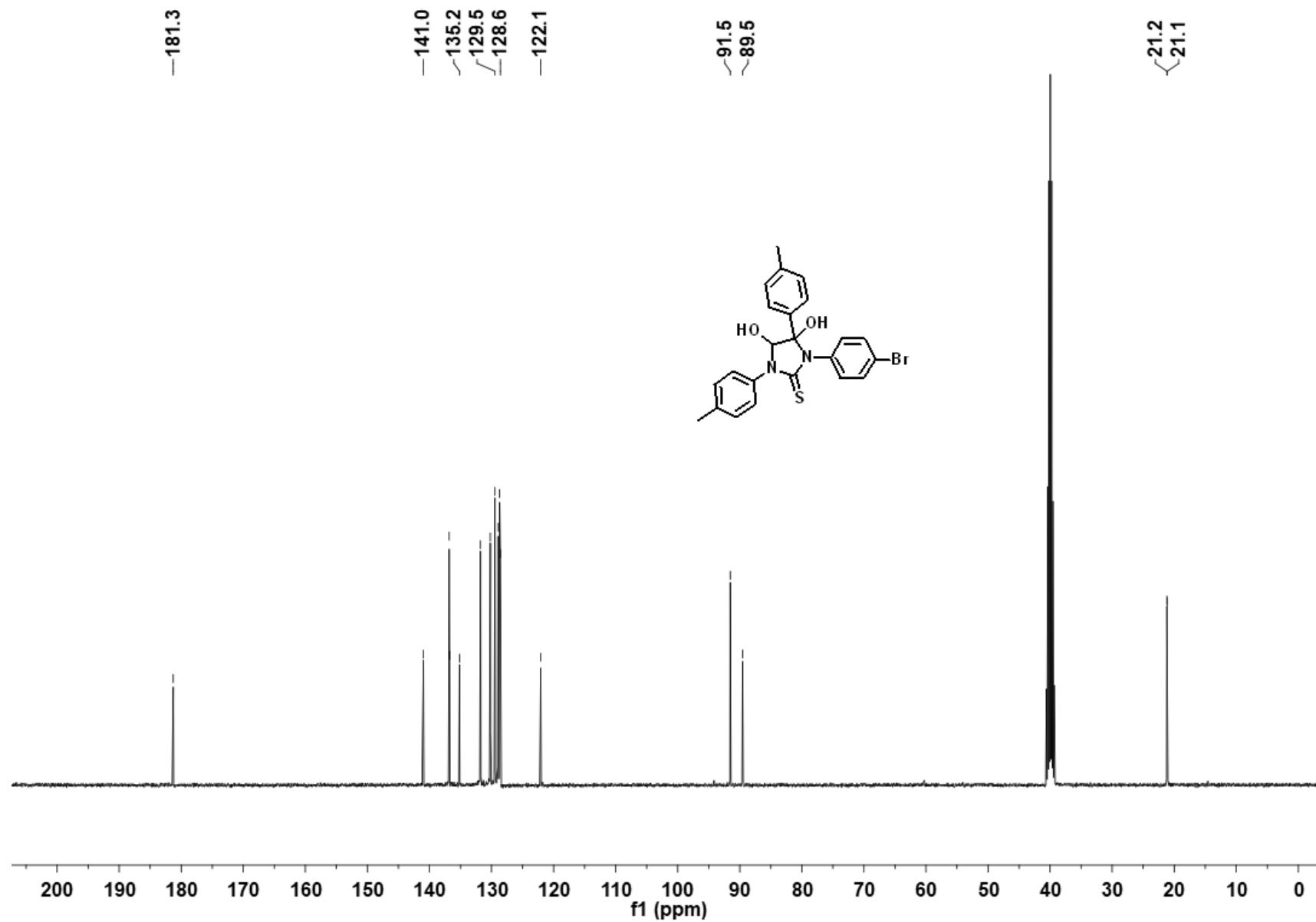




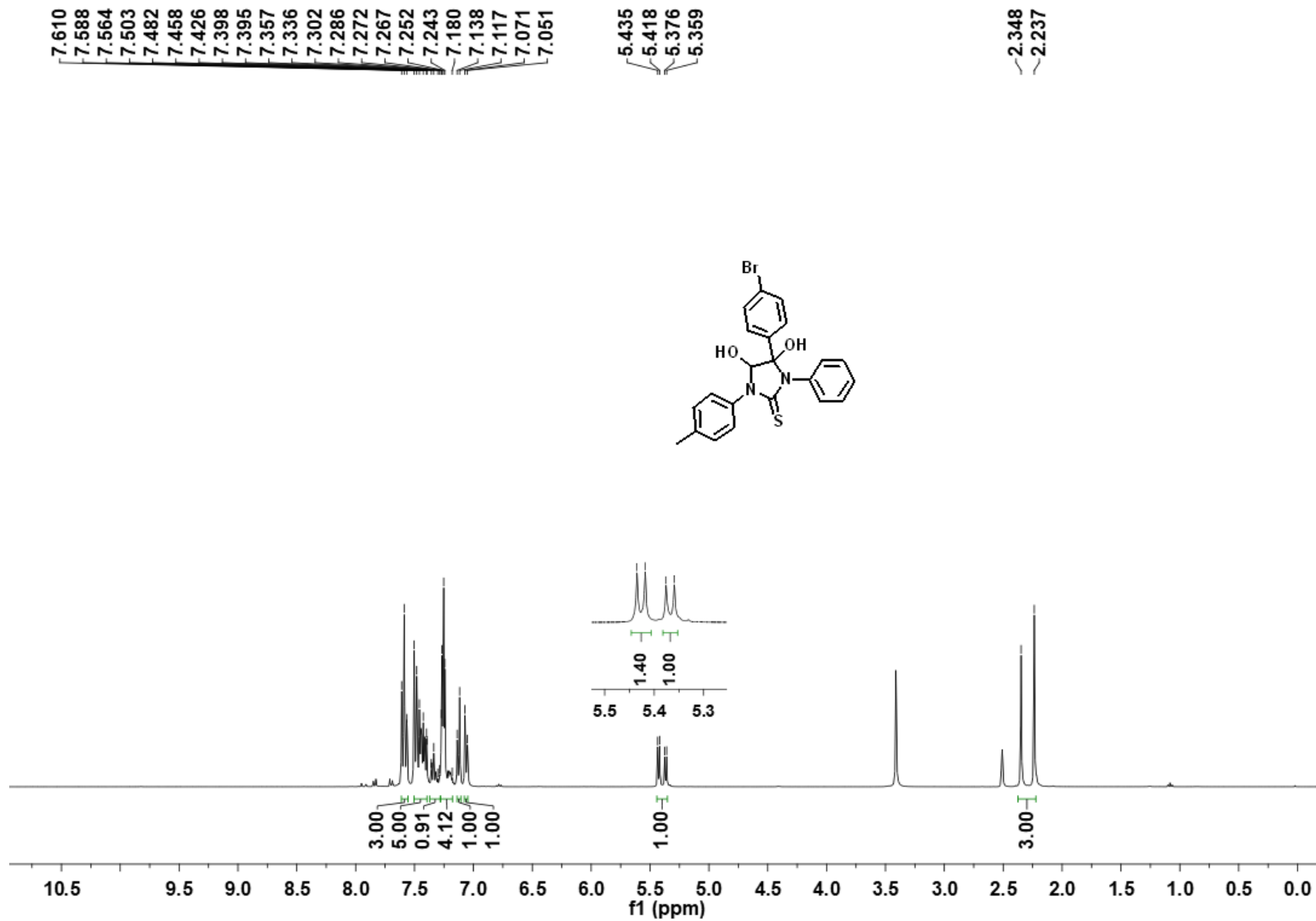
¹³C NMR Spectrum of Compound 4m



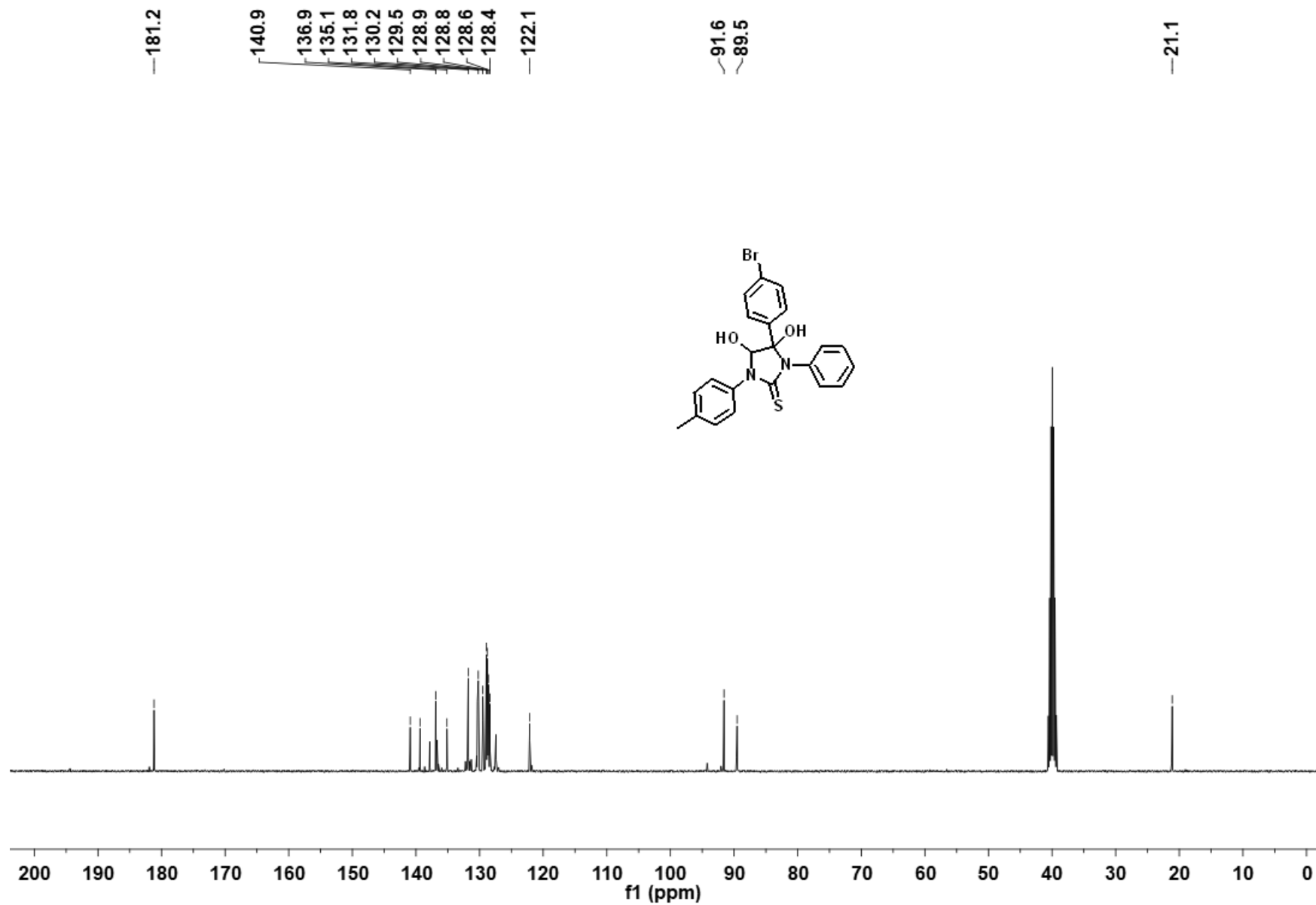
¹H NMR Spectrum of Compound 4n



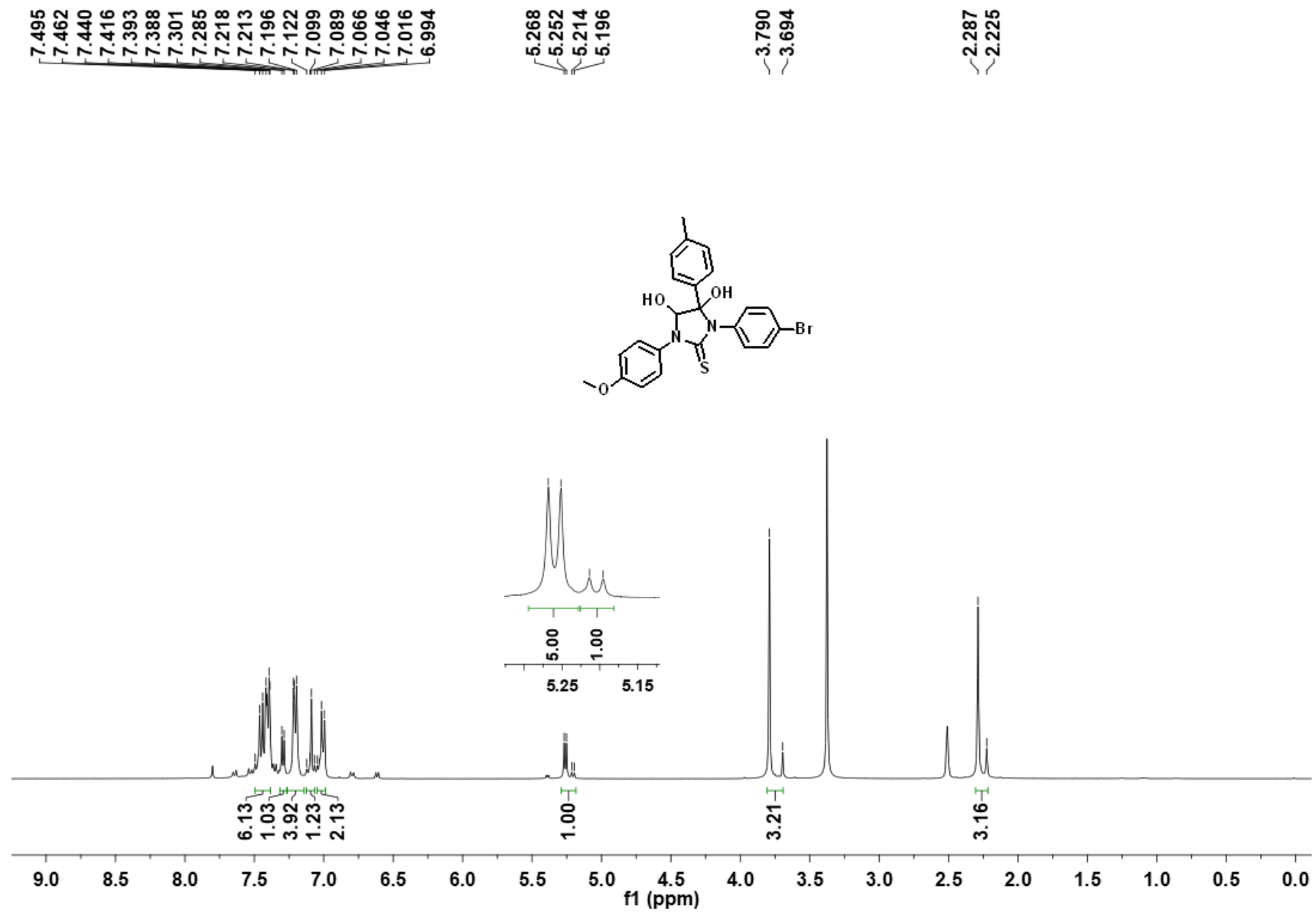
¹³C NMR Spectrum of Compound 4n

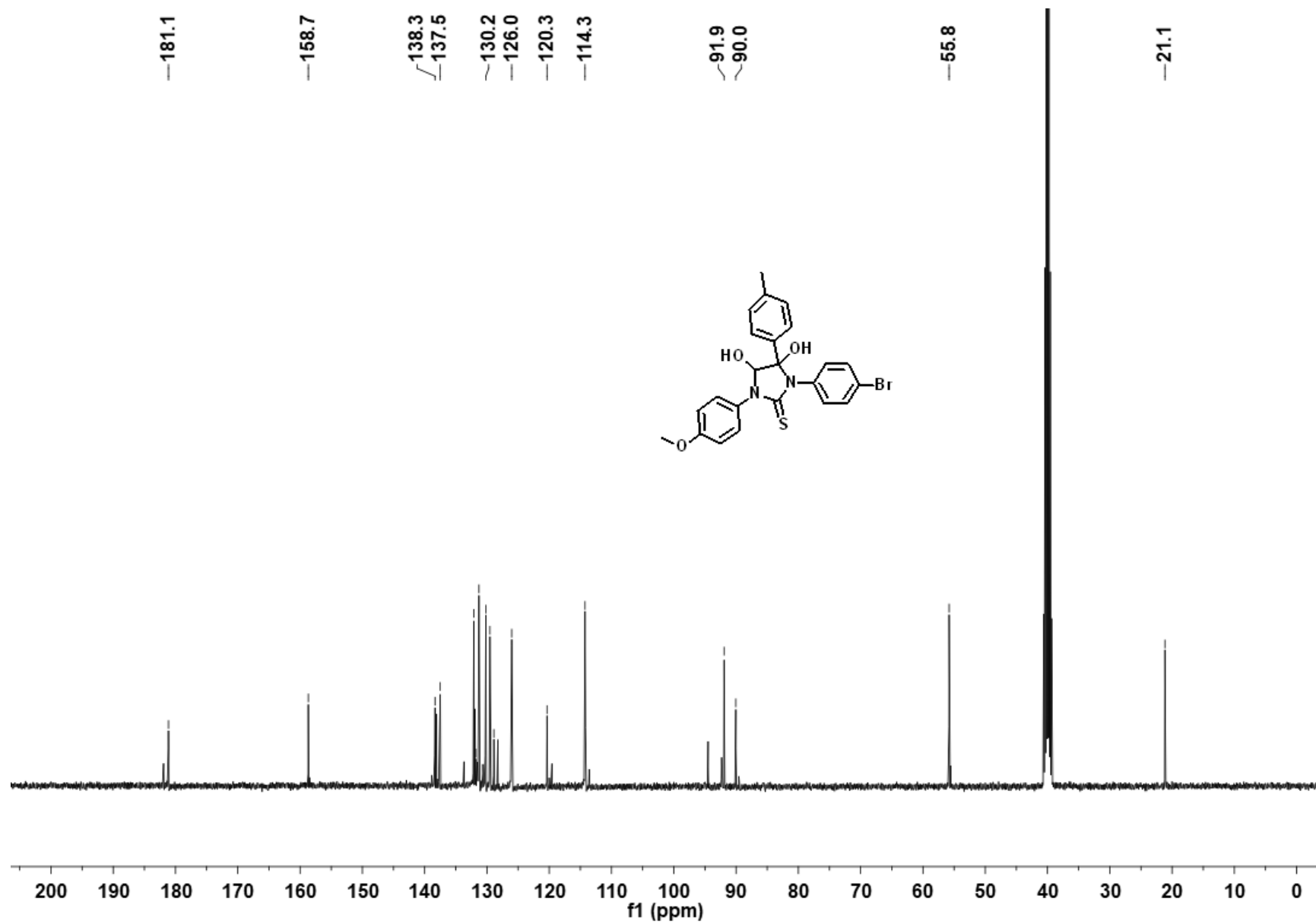


¹H NMR Spectrum of Compound 4o



^{13}C NMR Spectrum of Compound **4o**





¹³C NMR Spectrum of Compound 4p