ELECTRONIC SUPPLEMENTARY MATERIAL

Synthesis of the Indole-Based Inhibitors of Bacterial Cystathionine γ-Lyase NL1-NL3

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[3] Biotechnology Department, Sirius University of Science and Technology, 1 Olympic Avenue, 354349, Sirius, Russia; novikovfff@bk.ru (R.A.N.);
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# K.V.P., M.A.N., R.A.N., P.N.S. contributed equally to this work.

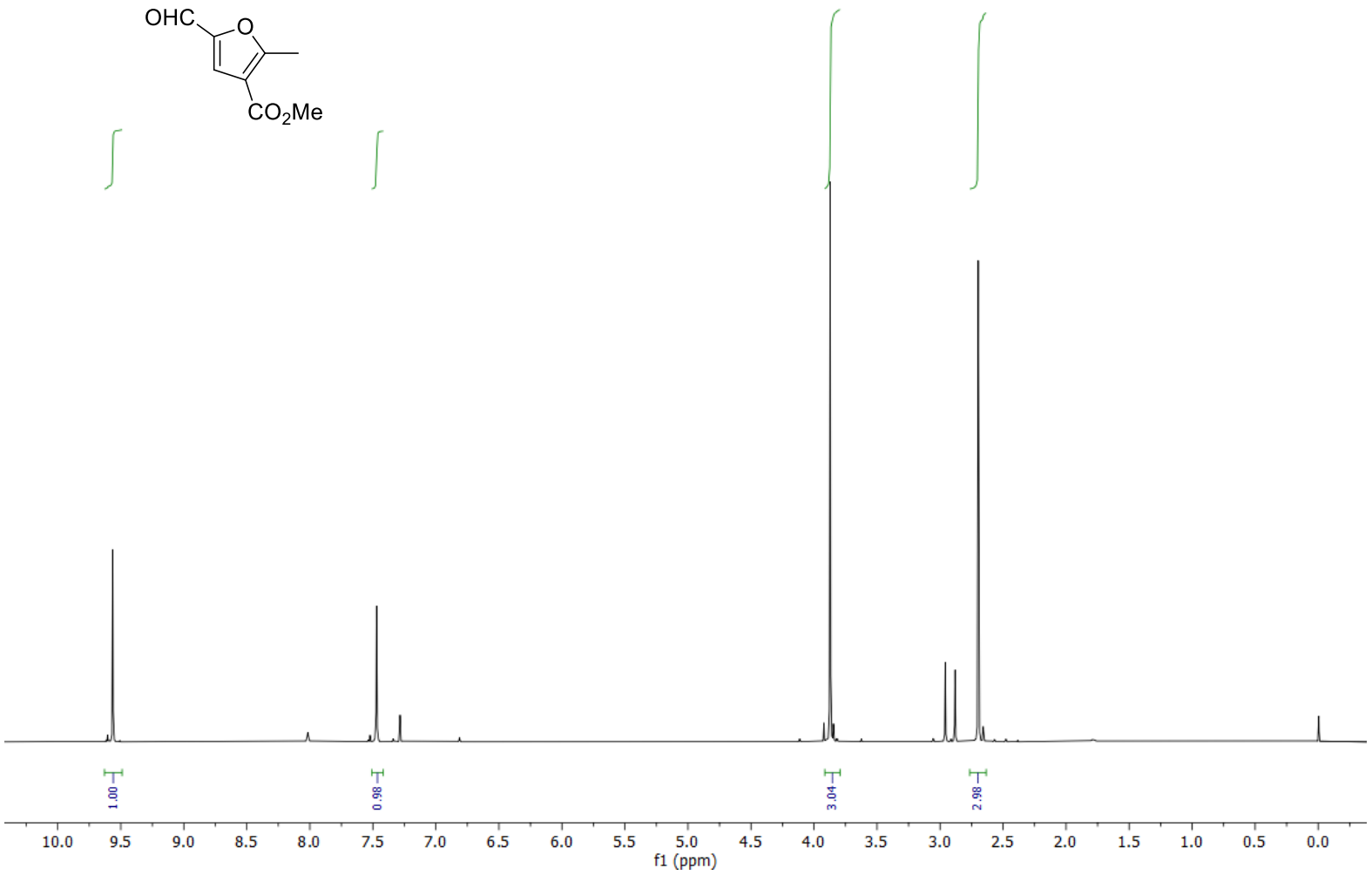
Experimental section

1.1. General experimental details

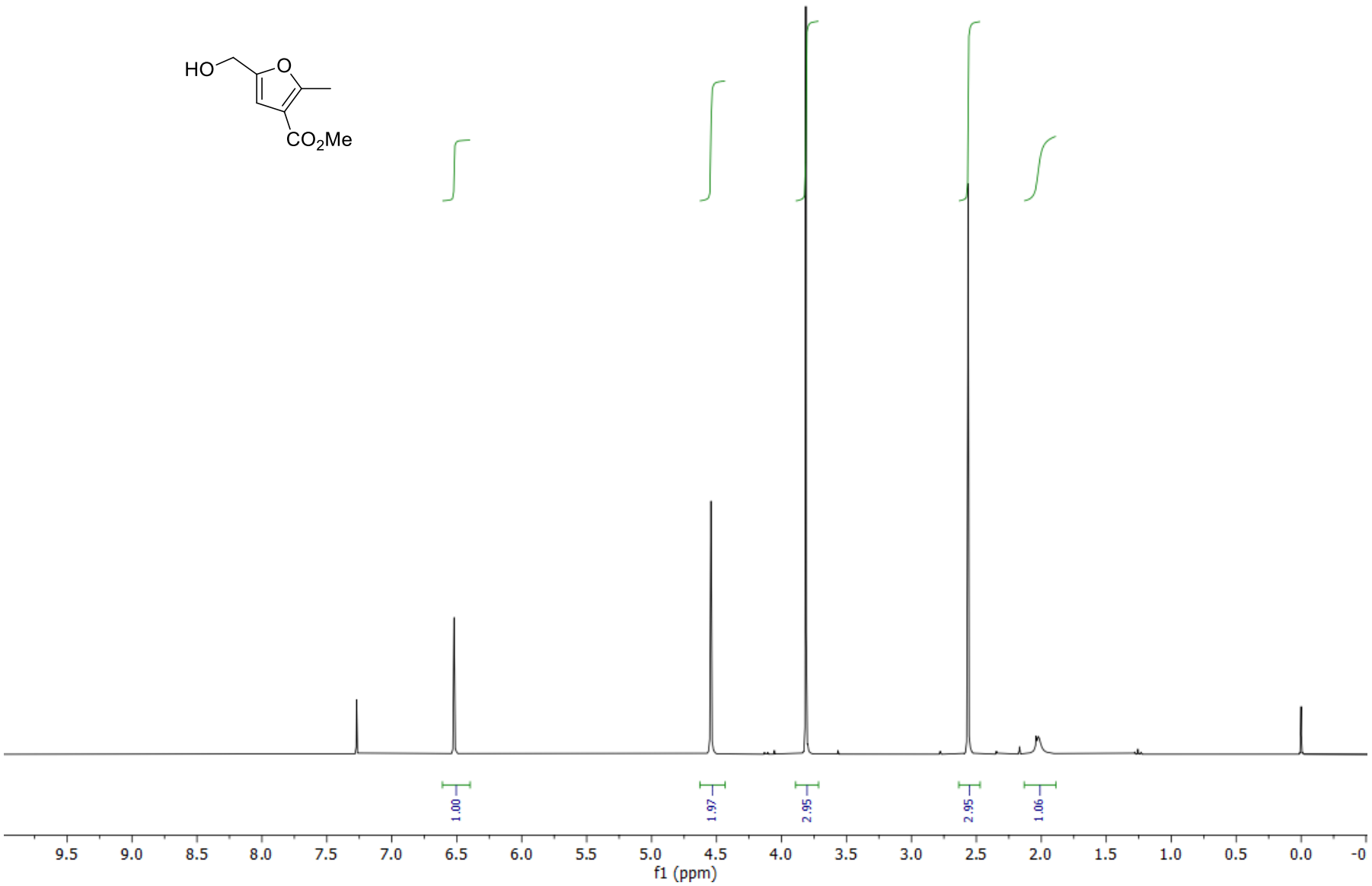
^{1}H, ^{13}C NMR spectra were recorded on a Bruker AVANCE II 300 MHz (300.1, 75.5 MHz and 282.4 MHz respectively) and a Bruker AMX III 400 MHz (400.1, 100.6 MHz and 376.5 MHz respectively) spectrometers in $CDCl_3$, containing 0.05% Me_4Si as the internal standard. Determination and verification of structures obtained compounds and assignments of ^{1}H and ^{13}C signals were made with the aid of 1D and 2D DEPT, COSY, HSQC and HMBC spectra.

4. NMR spectral data for compounds

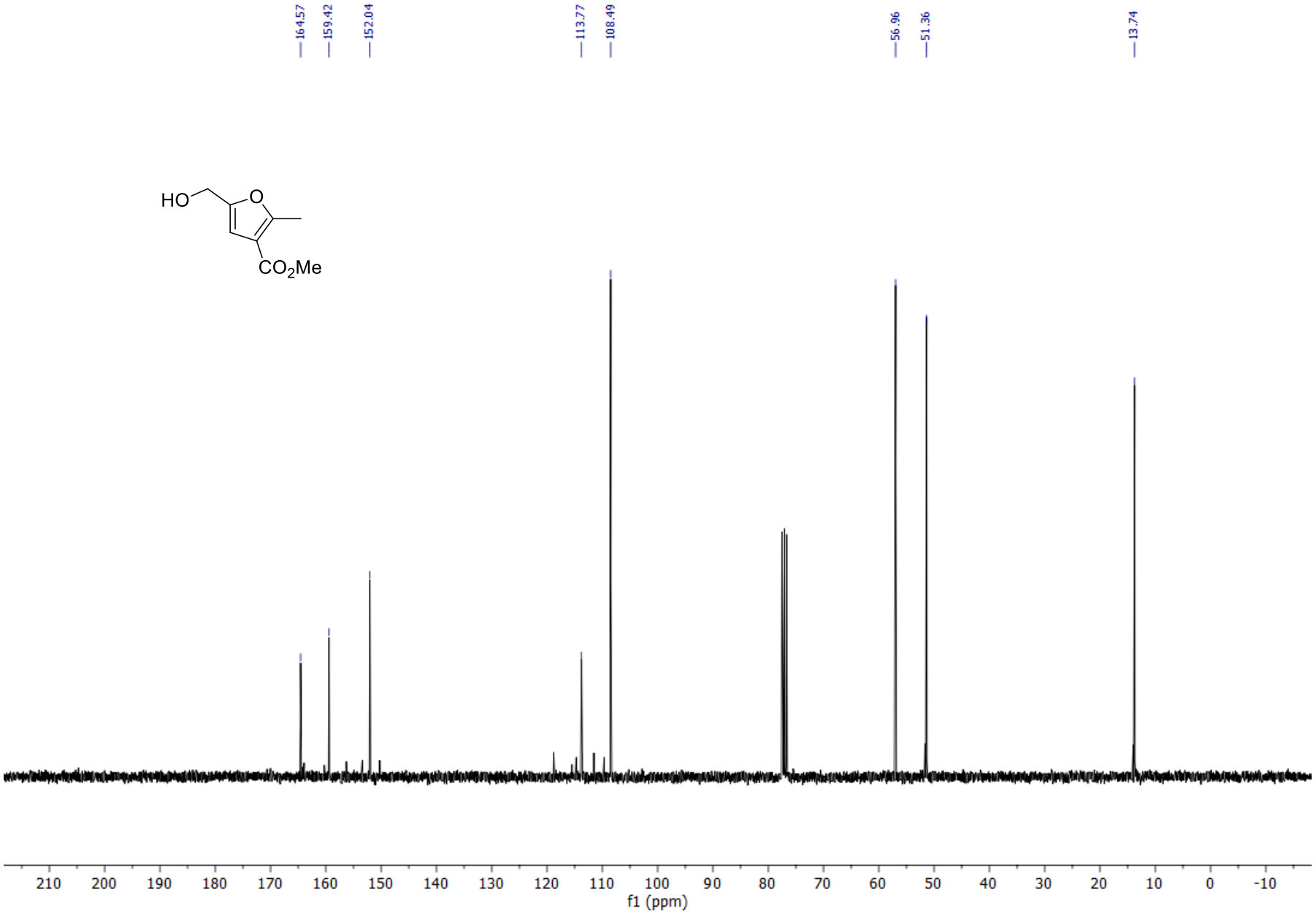
^{1}H NMR (300 MHz) in $CDCl_3$



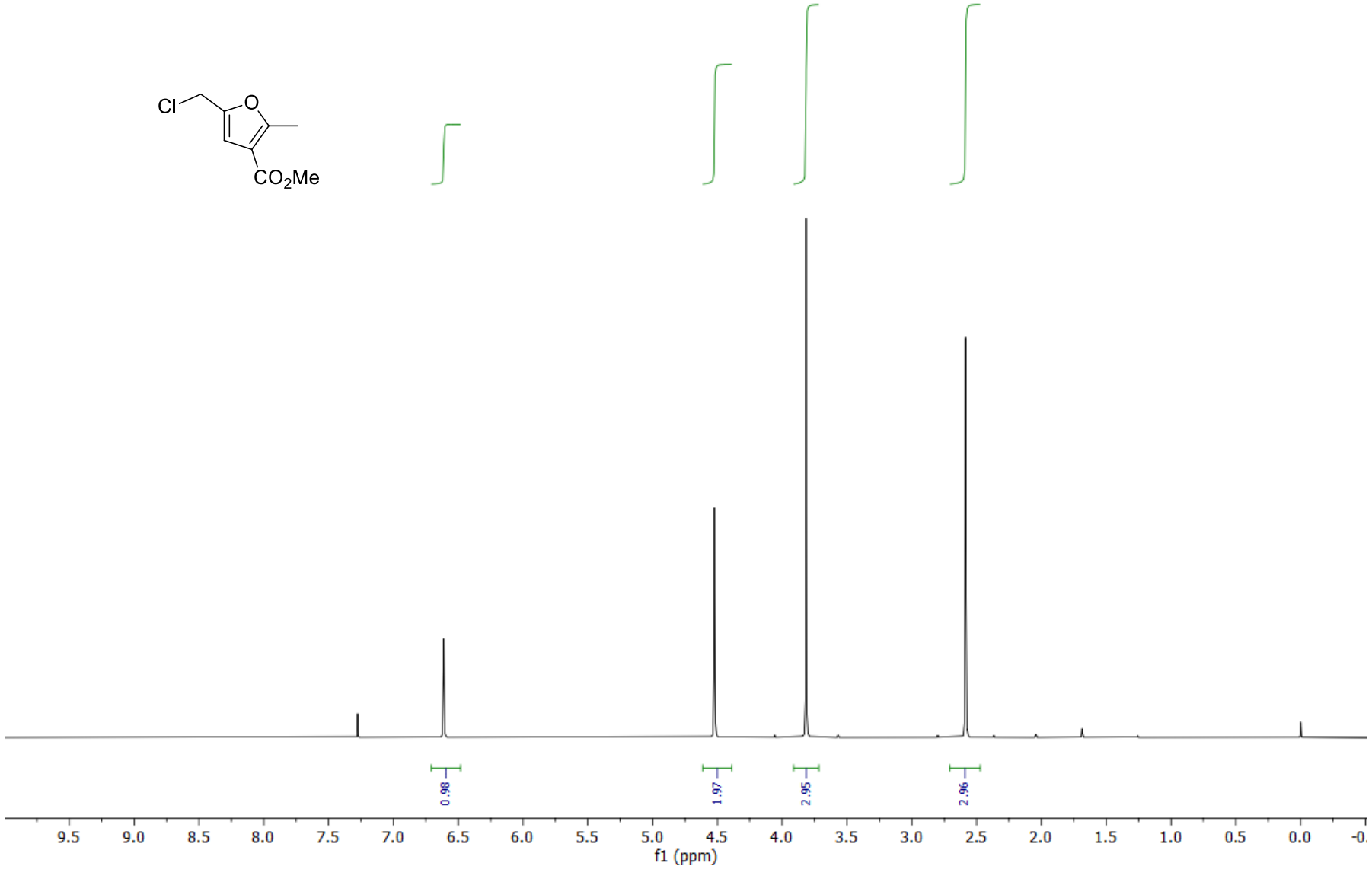
^{1}H NMR (300 MHz) in $CDCl_3$



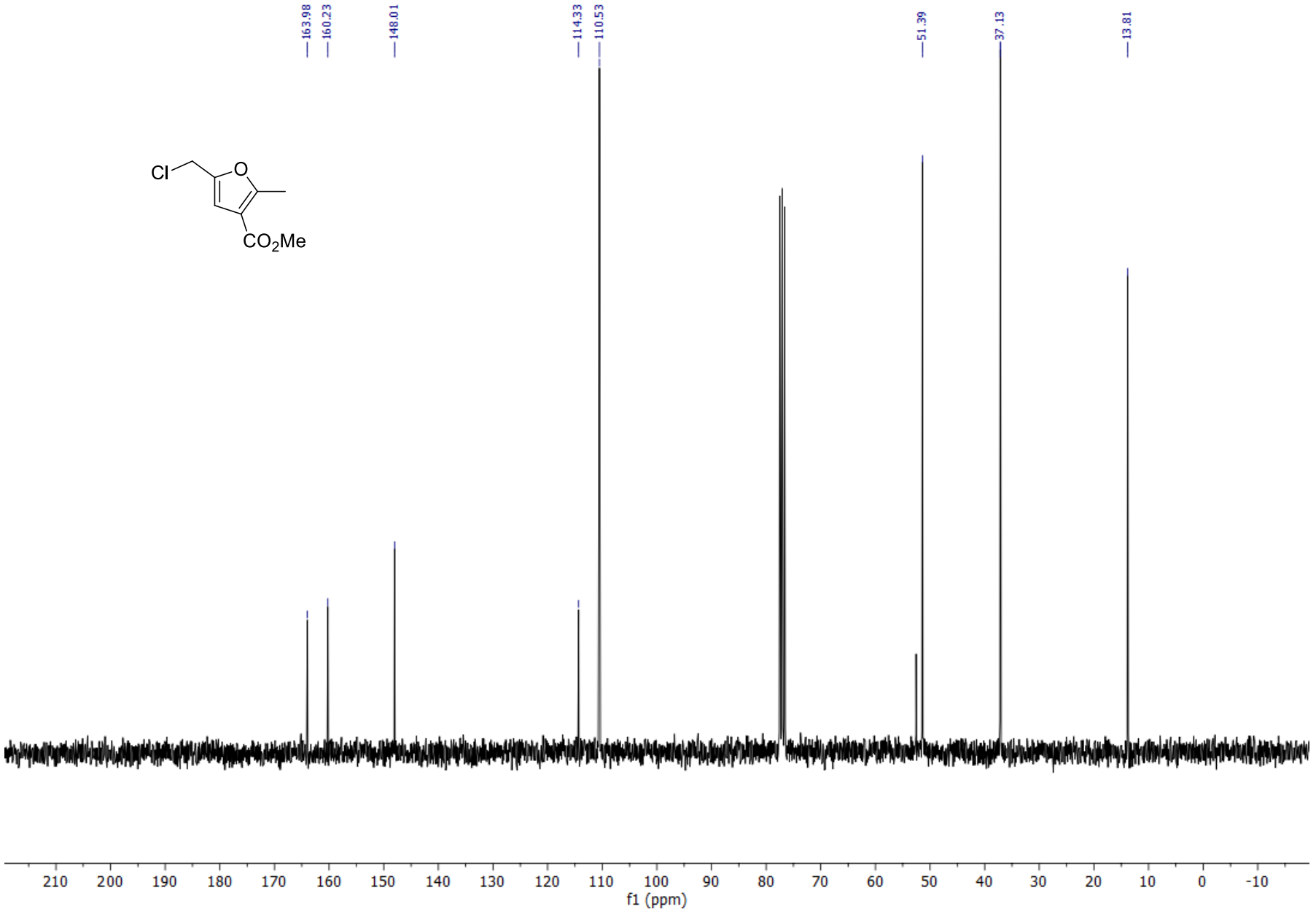
^{13}C NMR (76 MHz) in $CDCl_3$



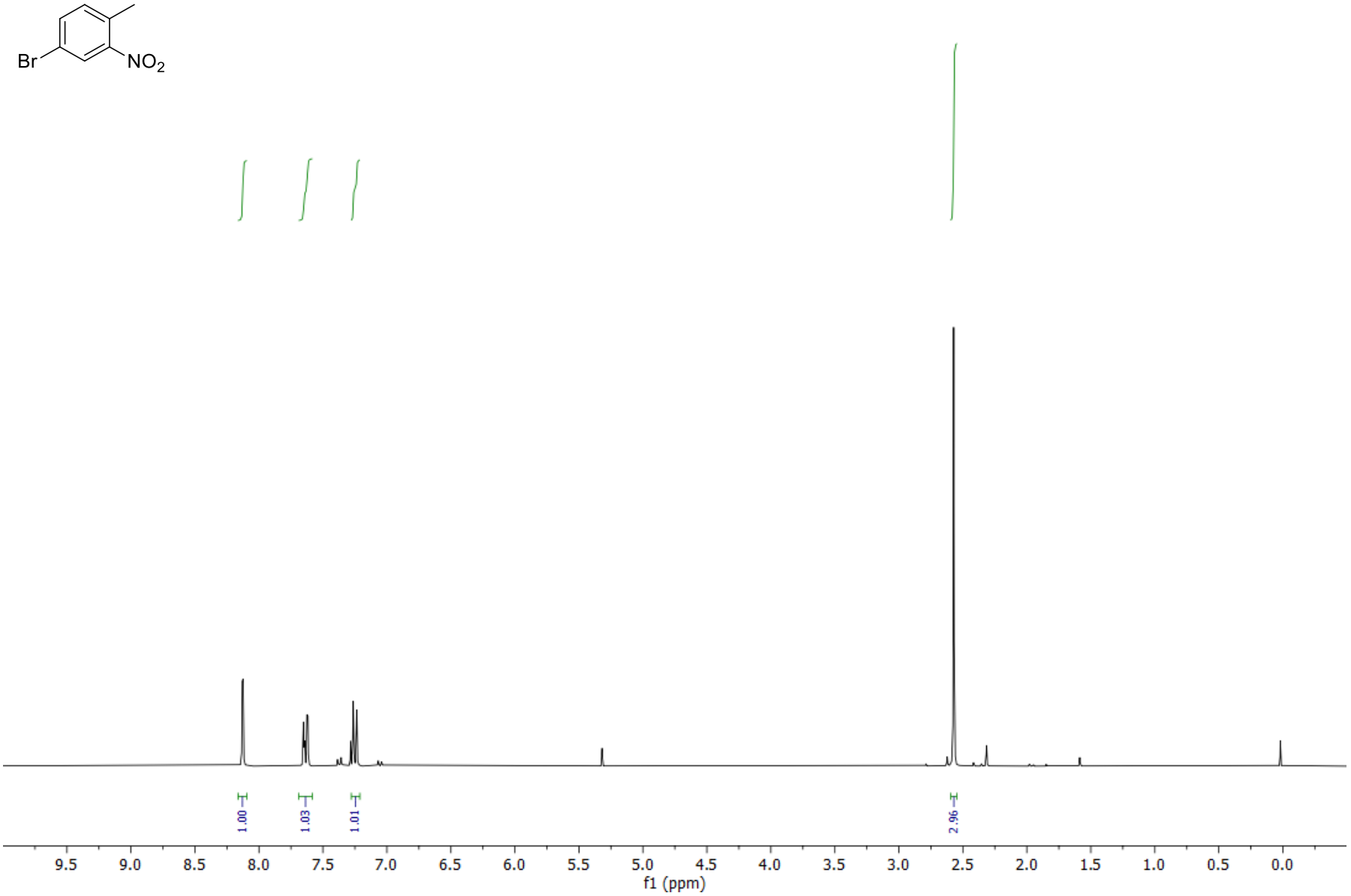
^{1}H NMR (300 MHz) in $CDCl_3$



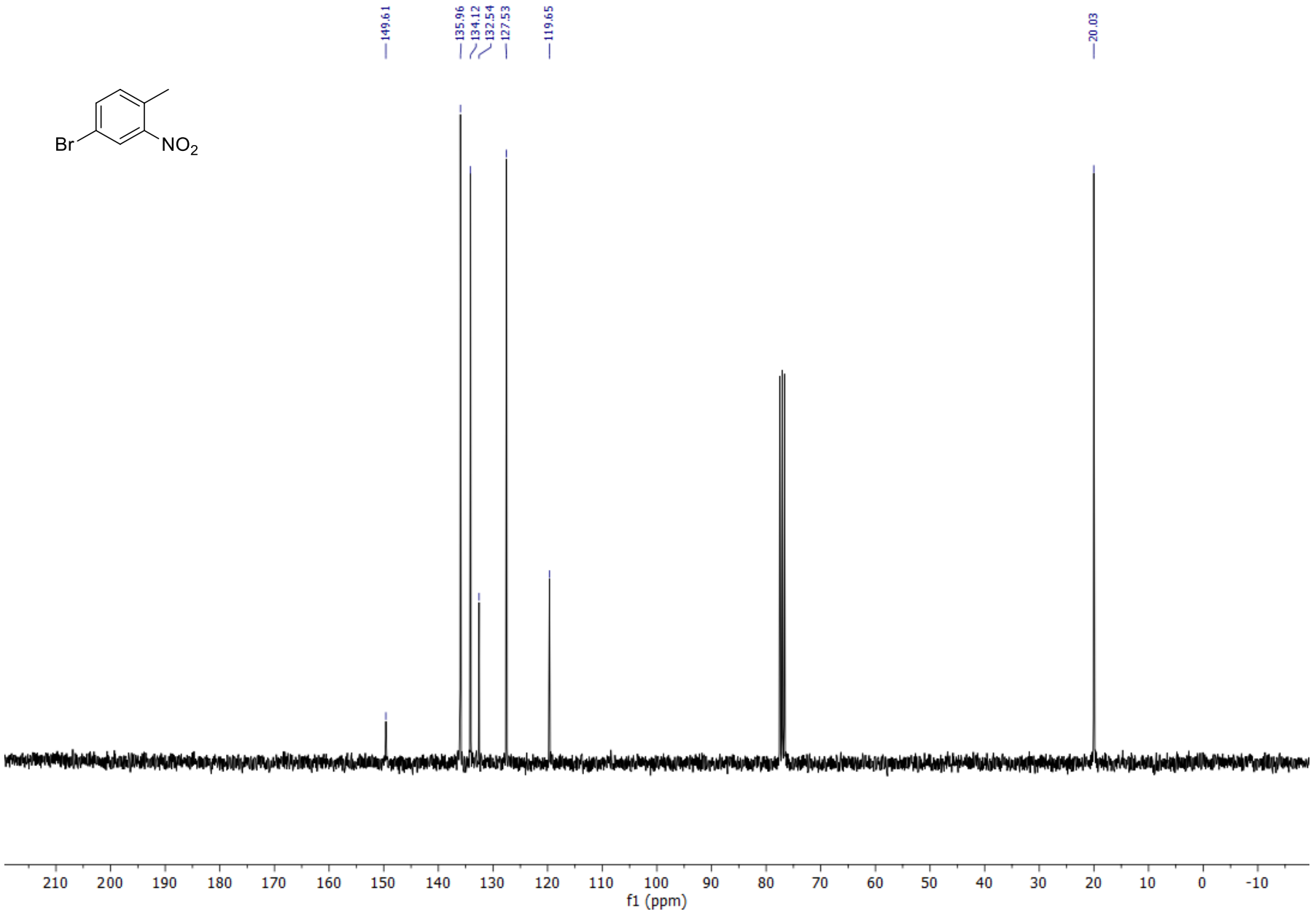
^{13}C NMR (76 MHz) in $CDCl_3$



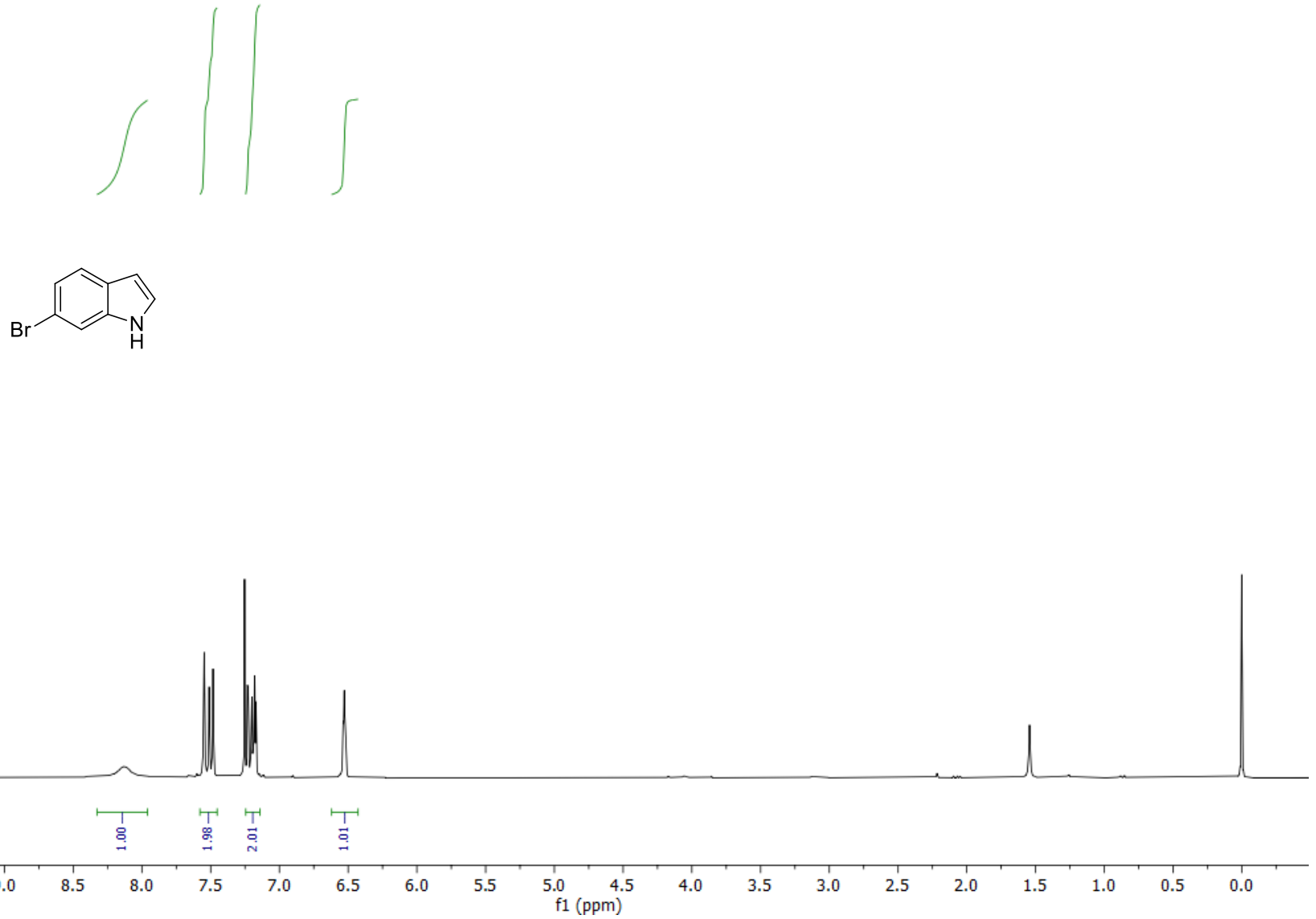
^{1}H NMR (300 MHz) in $CDCl_3$



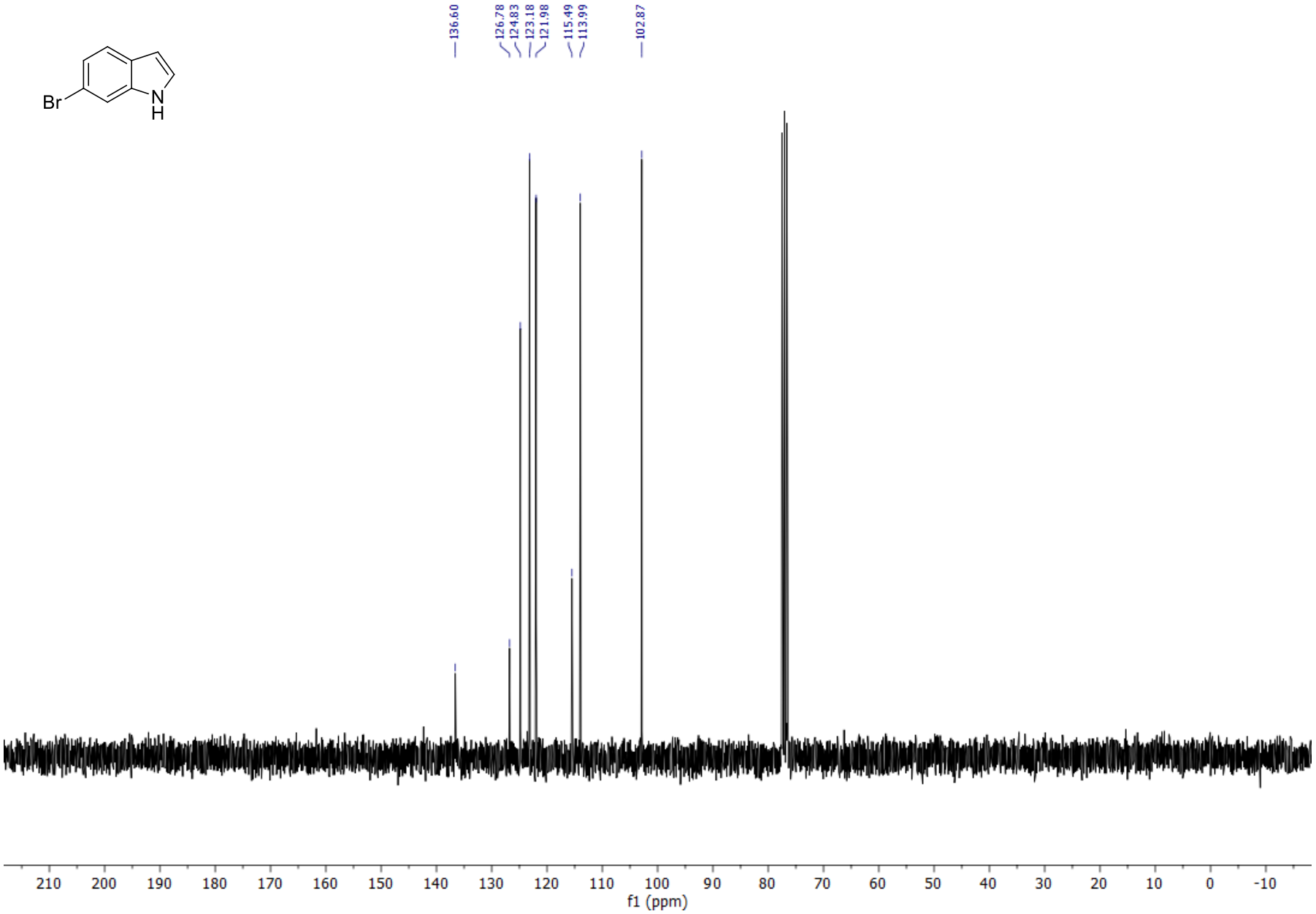
^{13}C NMR (76 MHz) in $CDCl_3$



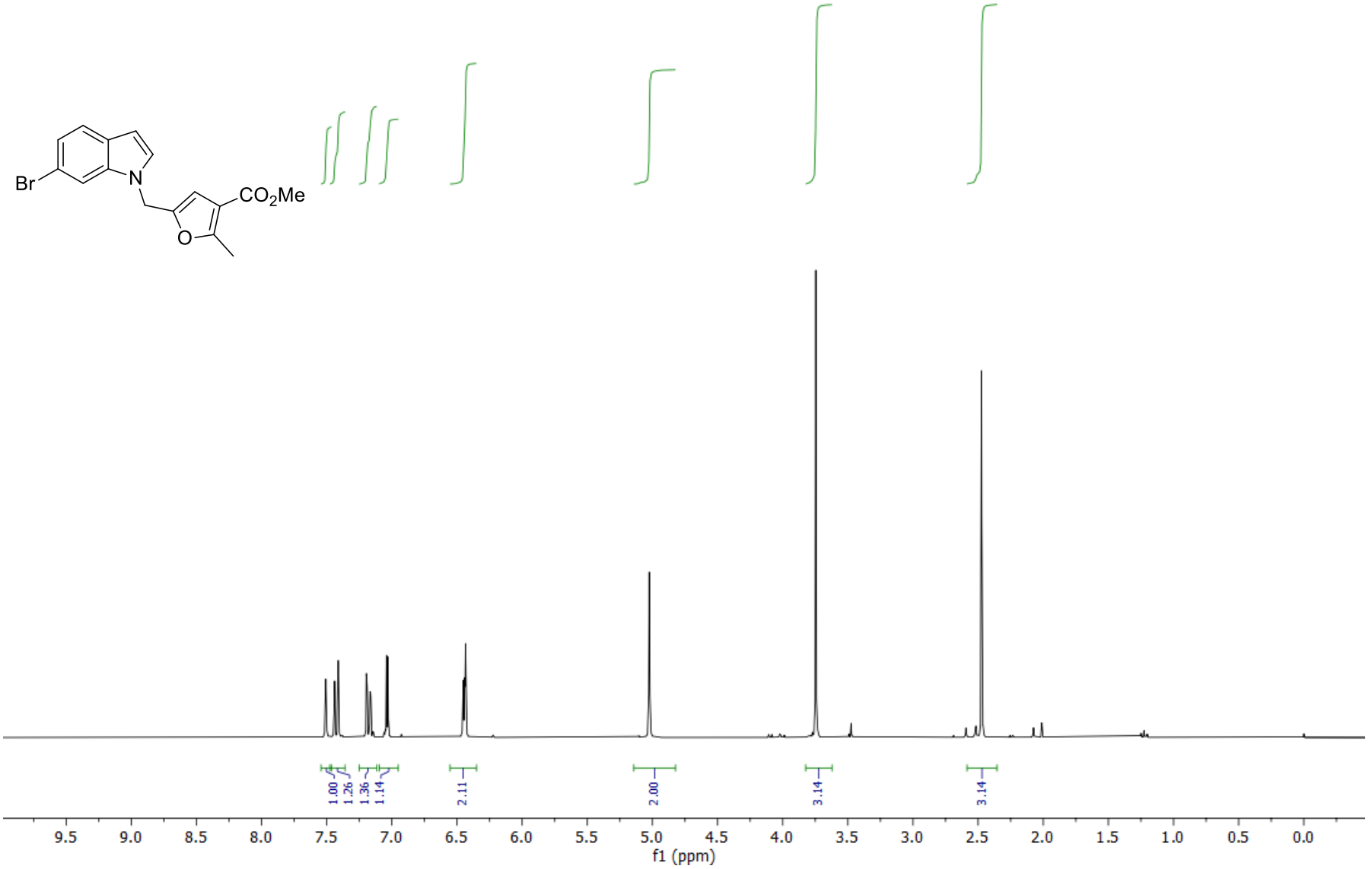
^{1}H NMR (300 MHz) in $CDCl_3$



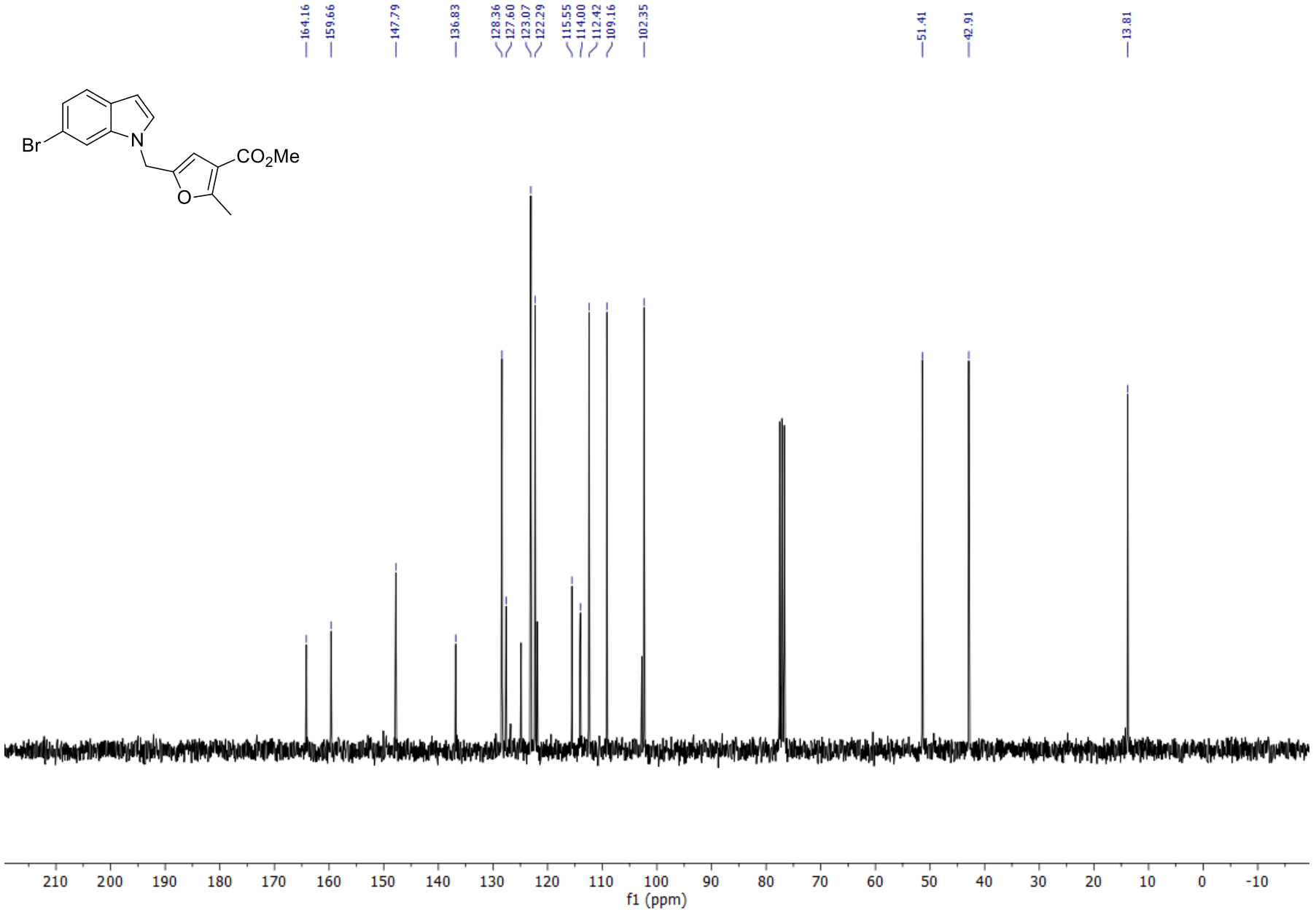
^{13}C NMR (76 MHz) in $CDCl_3$



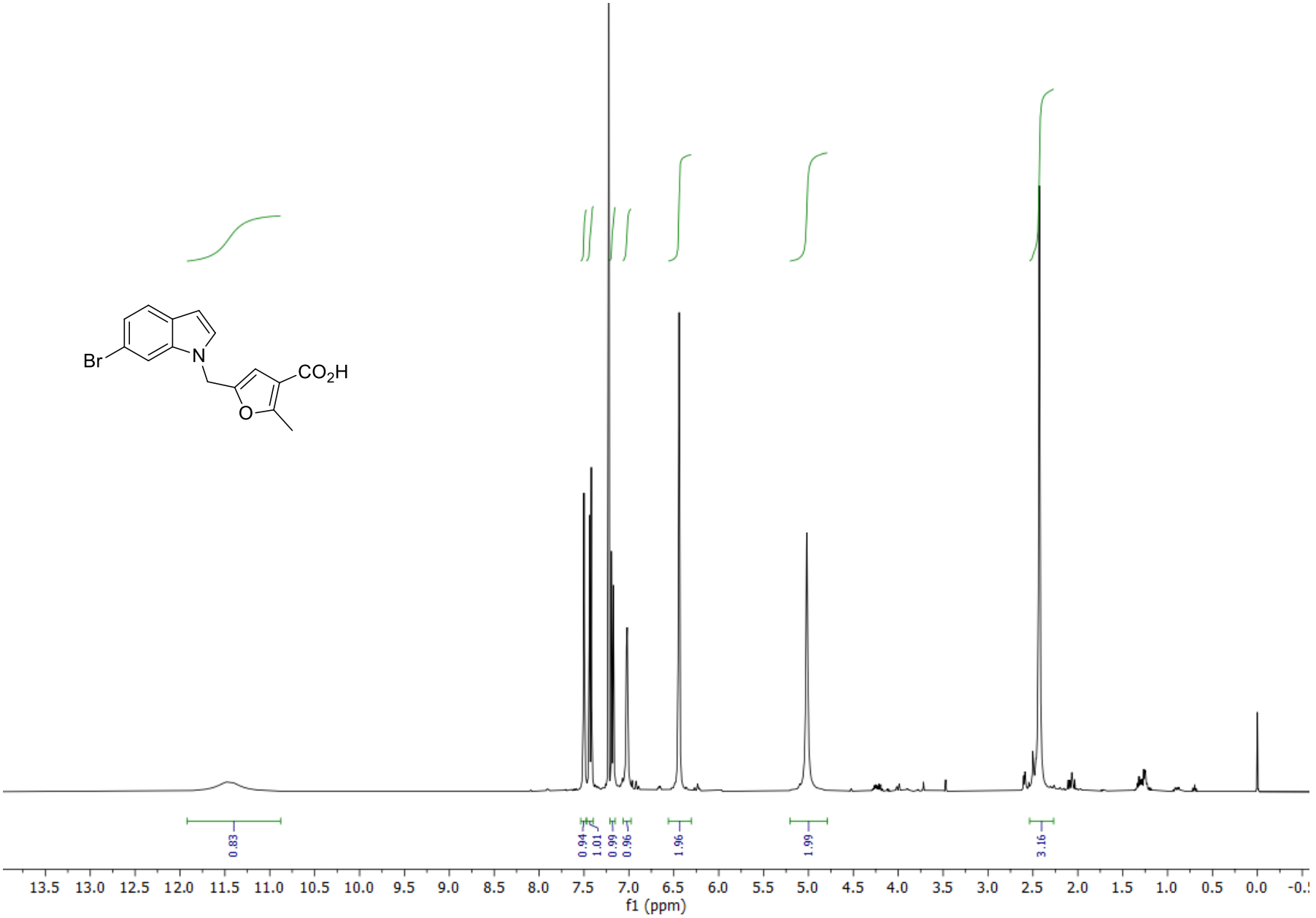
^{1}H NMR (300 MHz) in $CDCl_3$



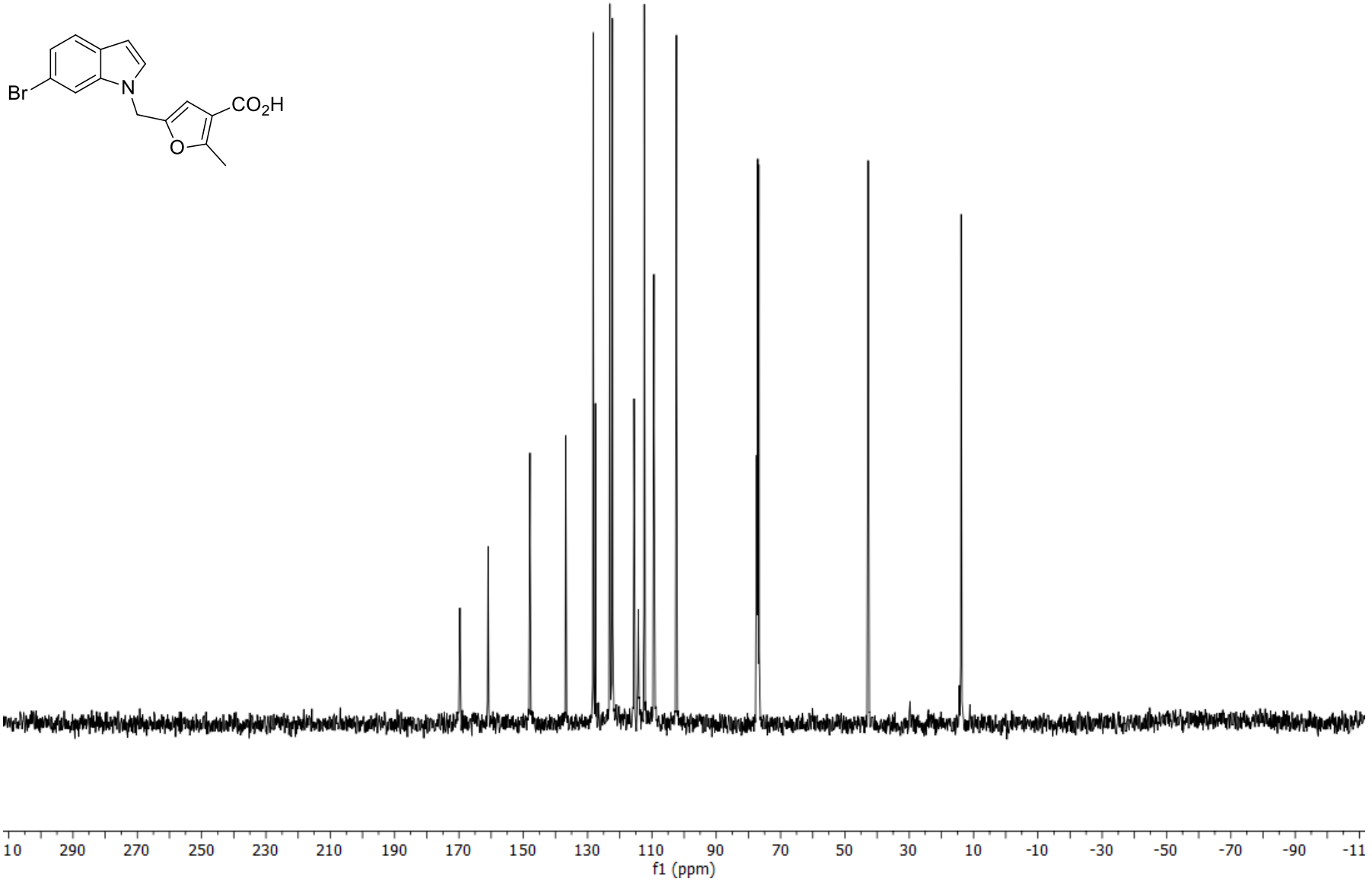
^{13}C NMR (76 MHz) in $CDCl_3$



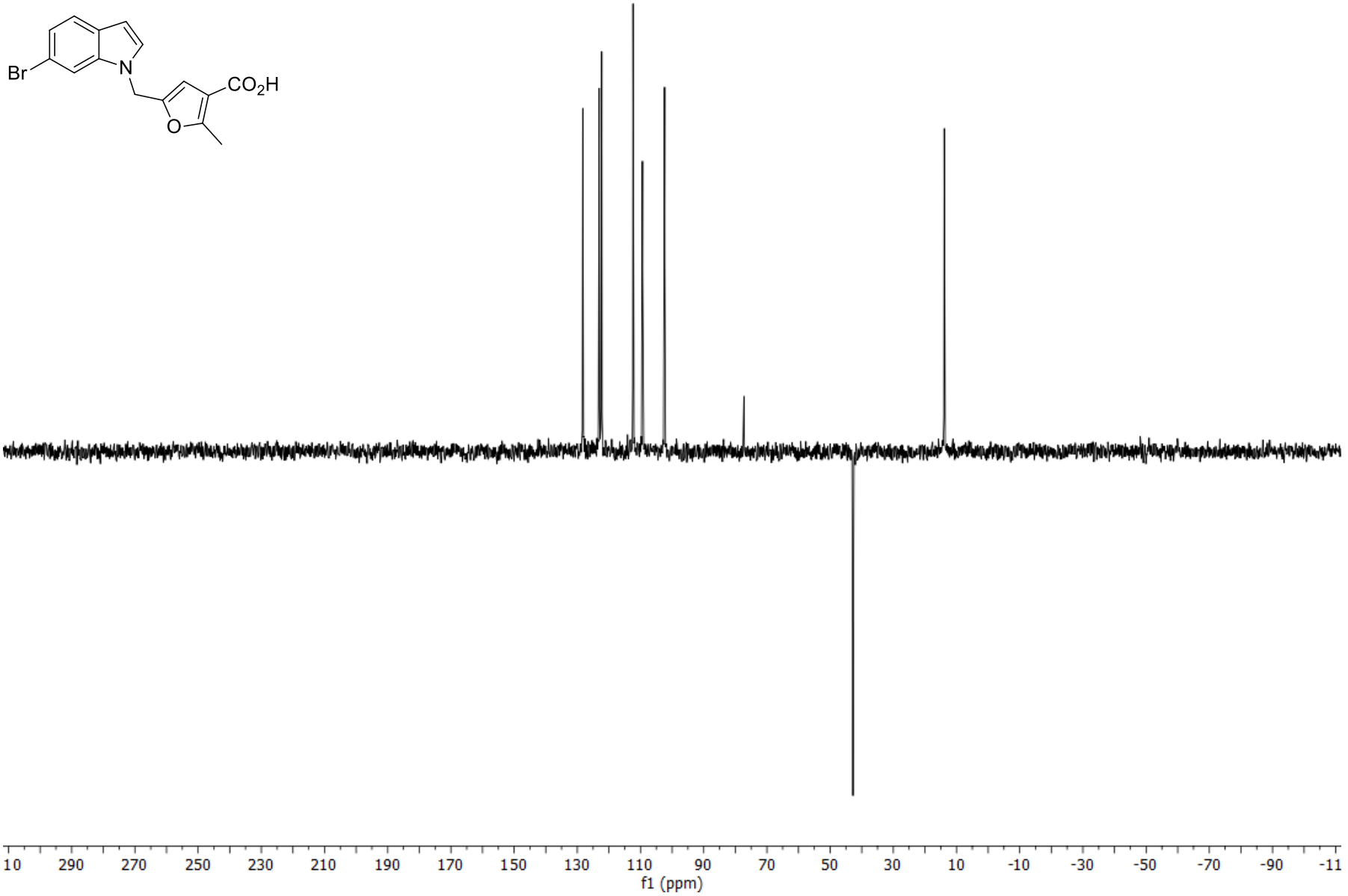
^{1}H NMR (400 MHz) in $CDCl_3$



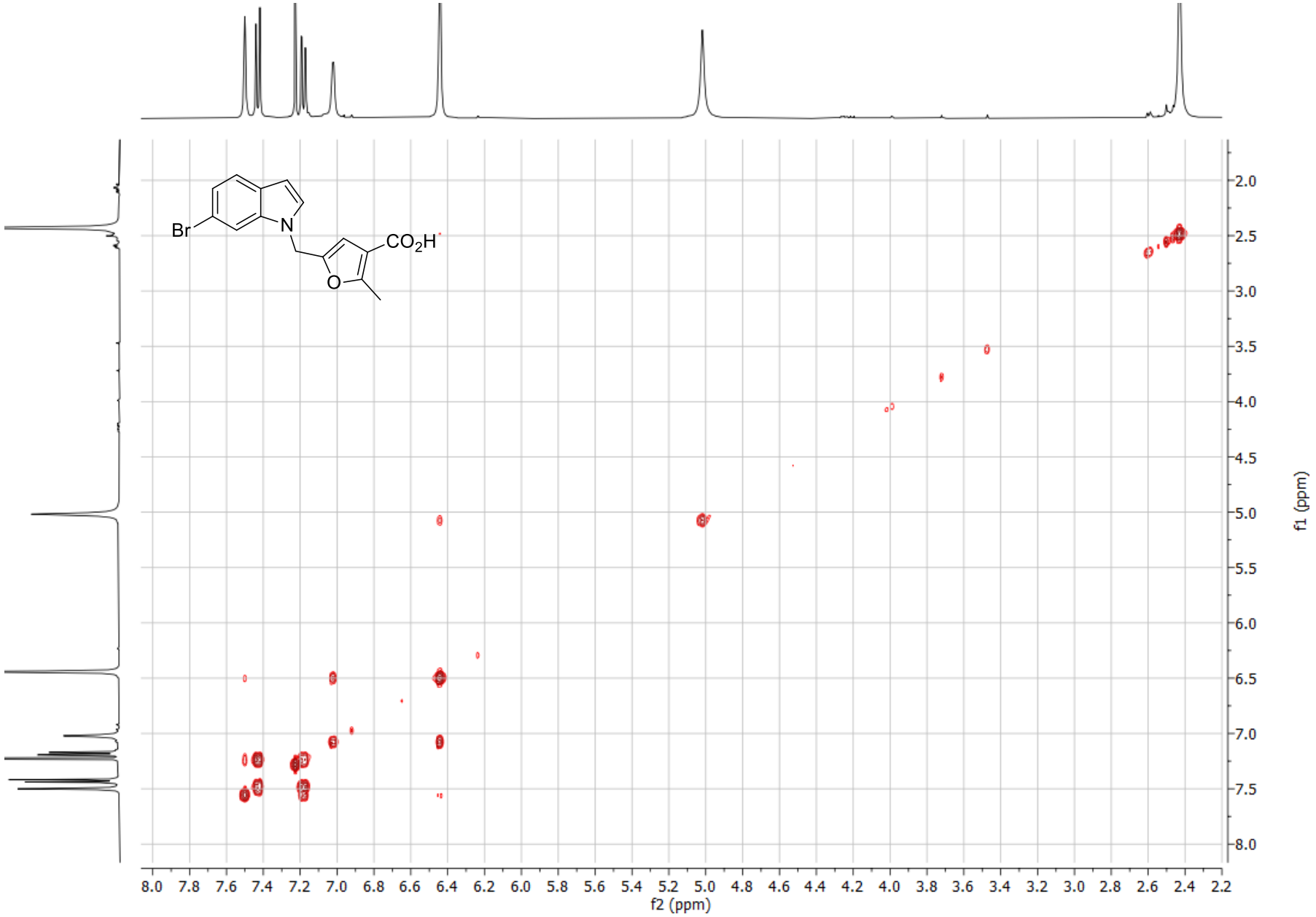
^{13}C NMR (101 MHz) in $CDCl_3$



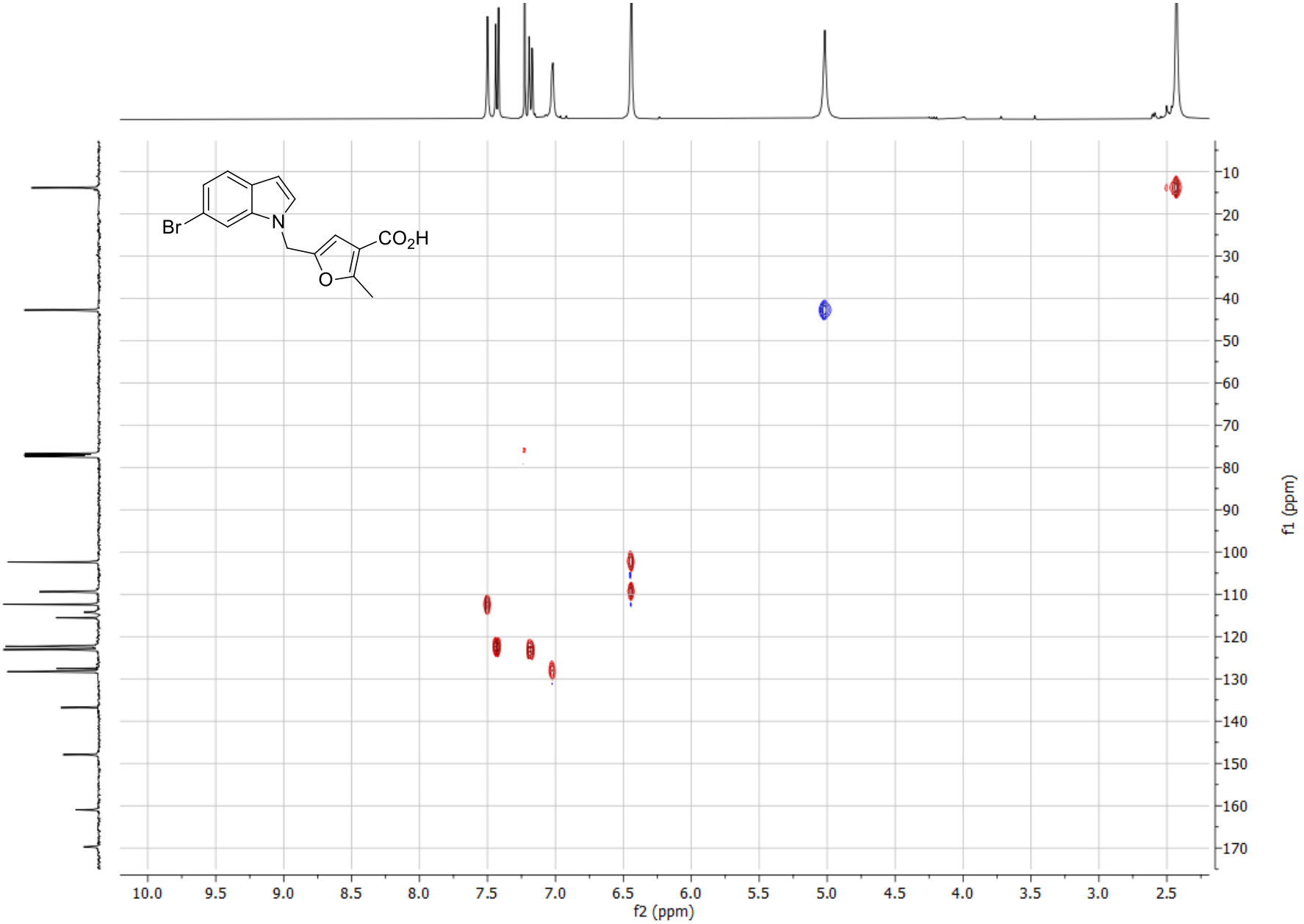
{13C}deptsp135 NMR (101 MHz) in $CDCl_3$



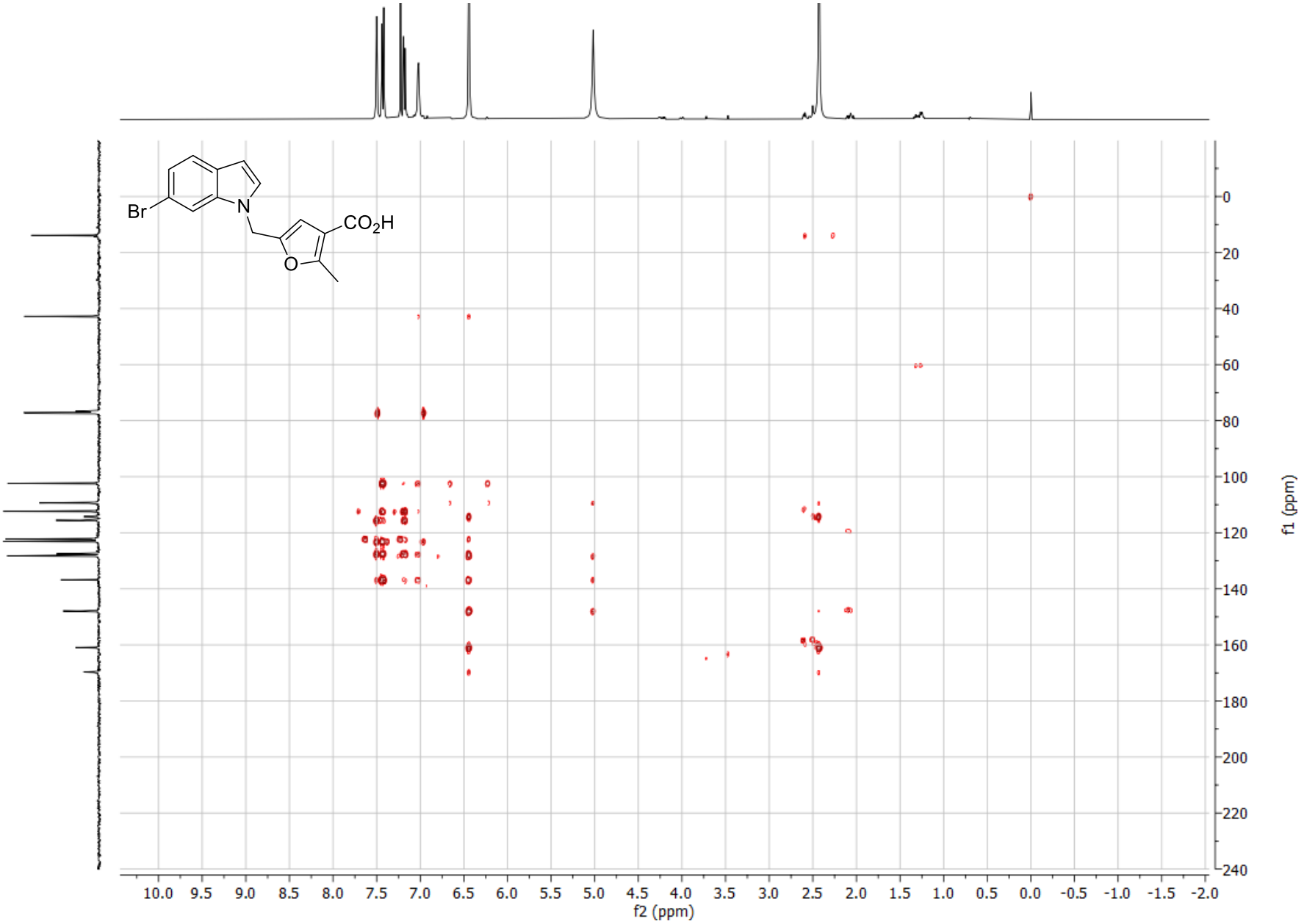
$^{1}H,^{1}H$-COSY (400 MHz) in $CDCl_3$



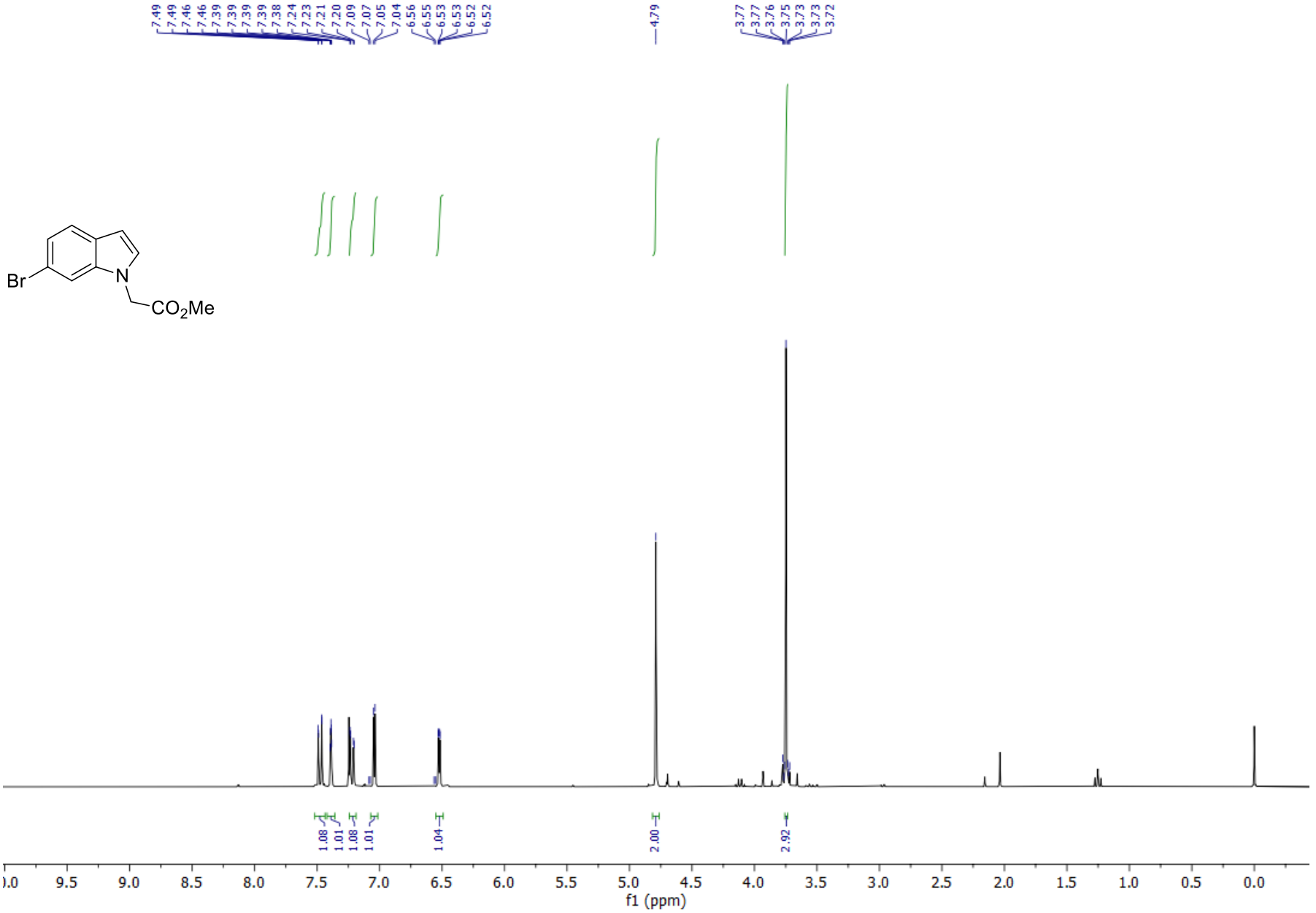
$^{1}H,^{13}C$-HSQC (400 & 101 MHz) in $CDCl_3$



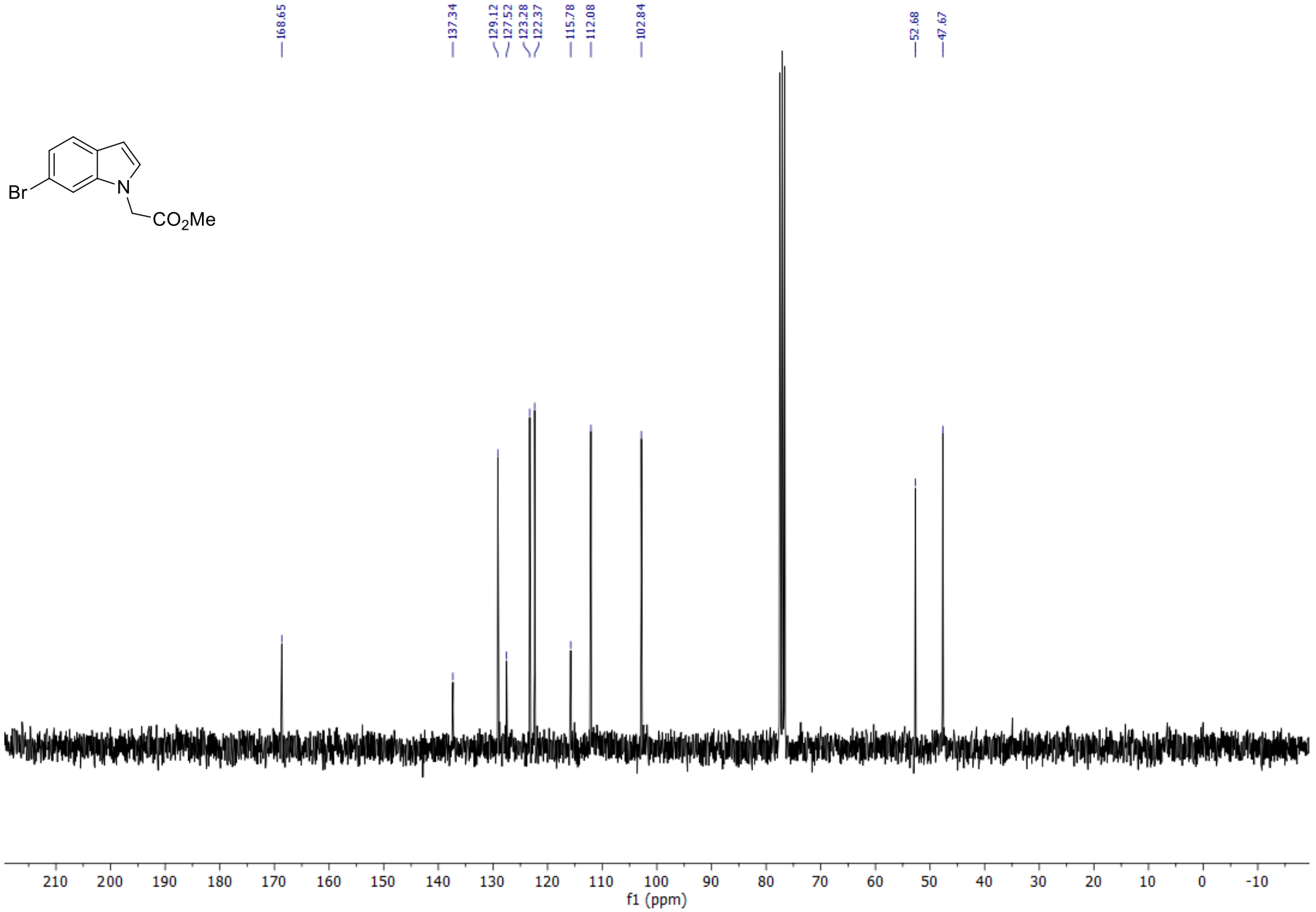
$^{1}H,^{13}C$-HMBC (400 & 101 MHz) in $CDCl_3$



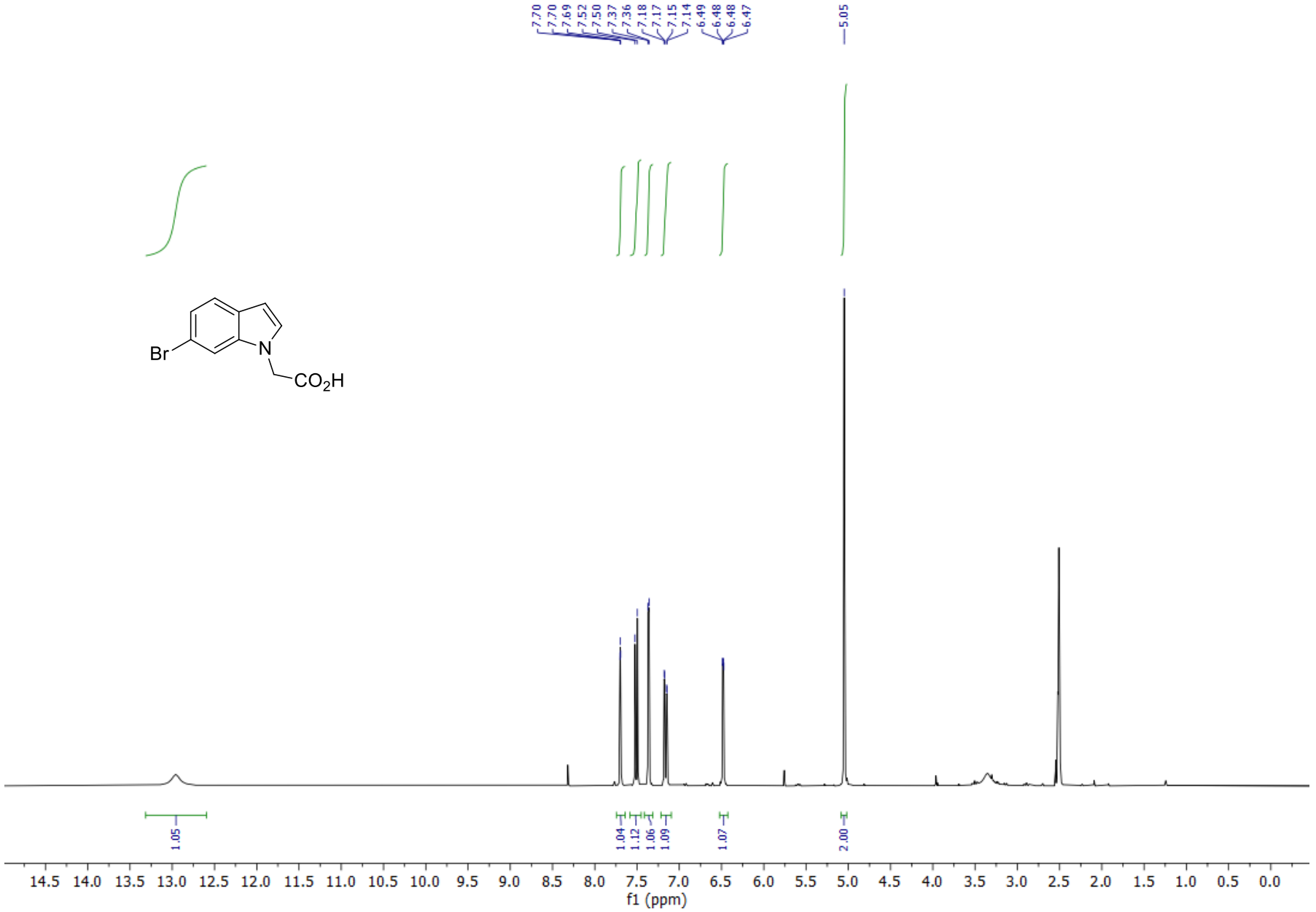
^{1}H NMR (300 MHz) in $CDCl_3$



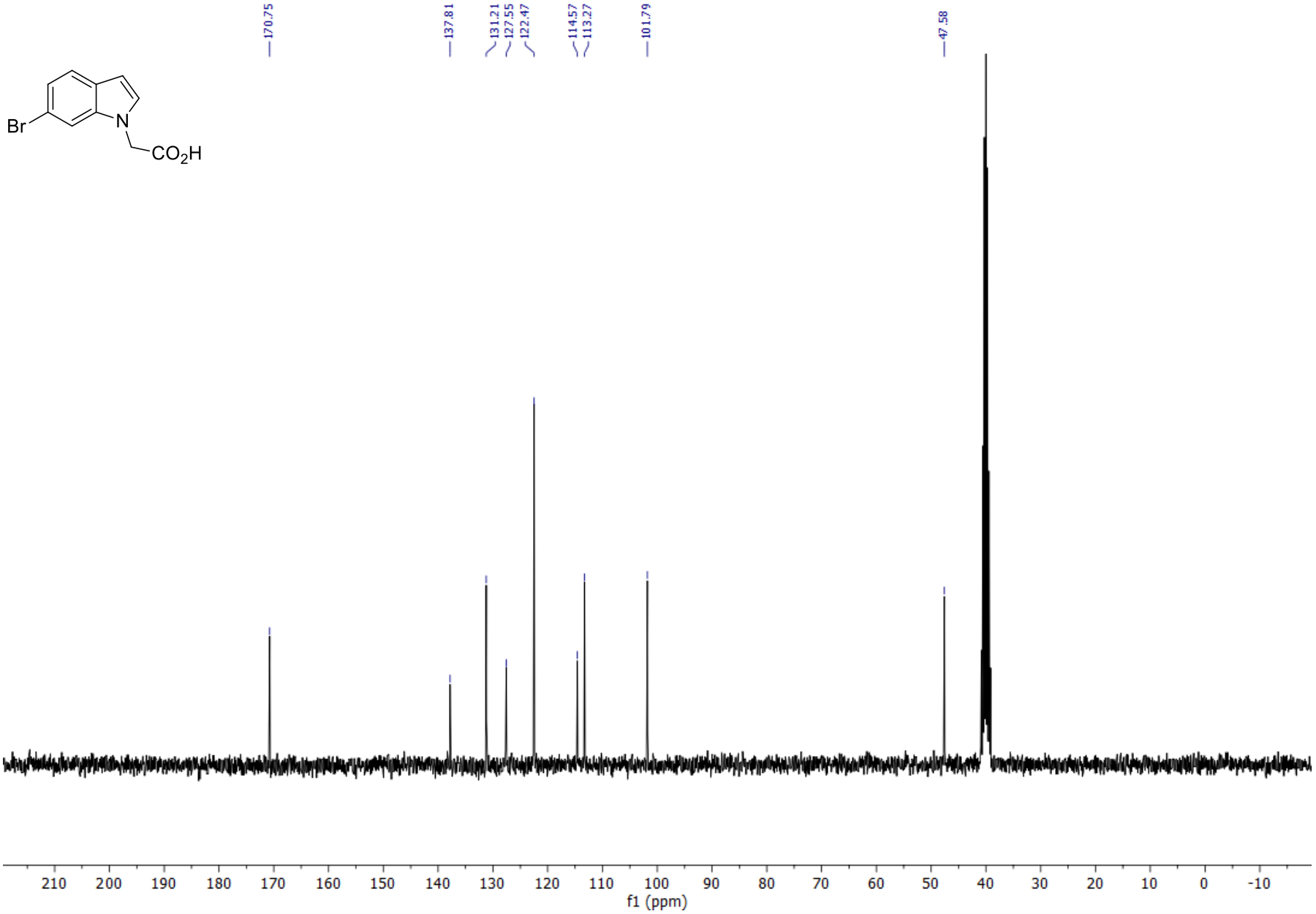
^{13}C NMR (75 MHz) in $CDCl_3$



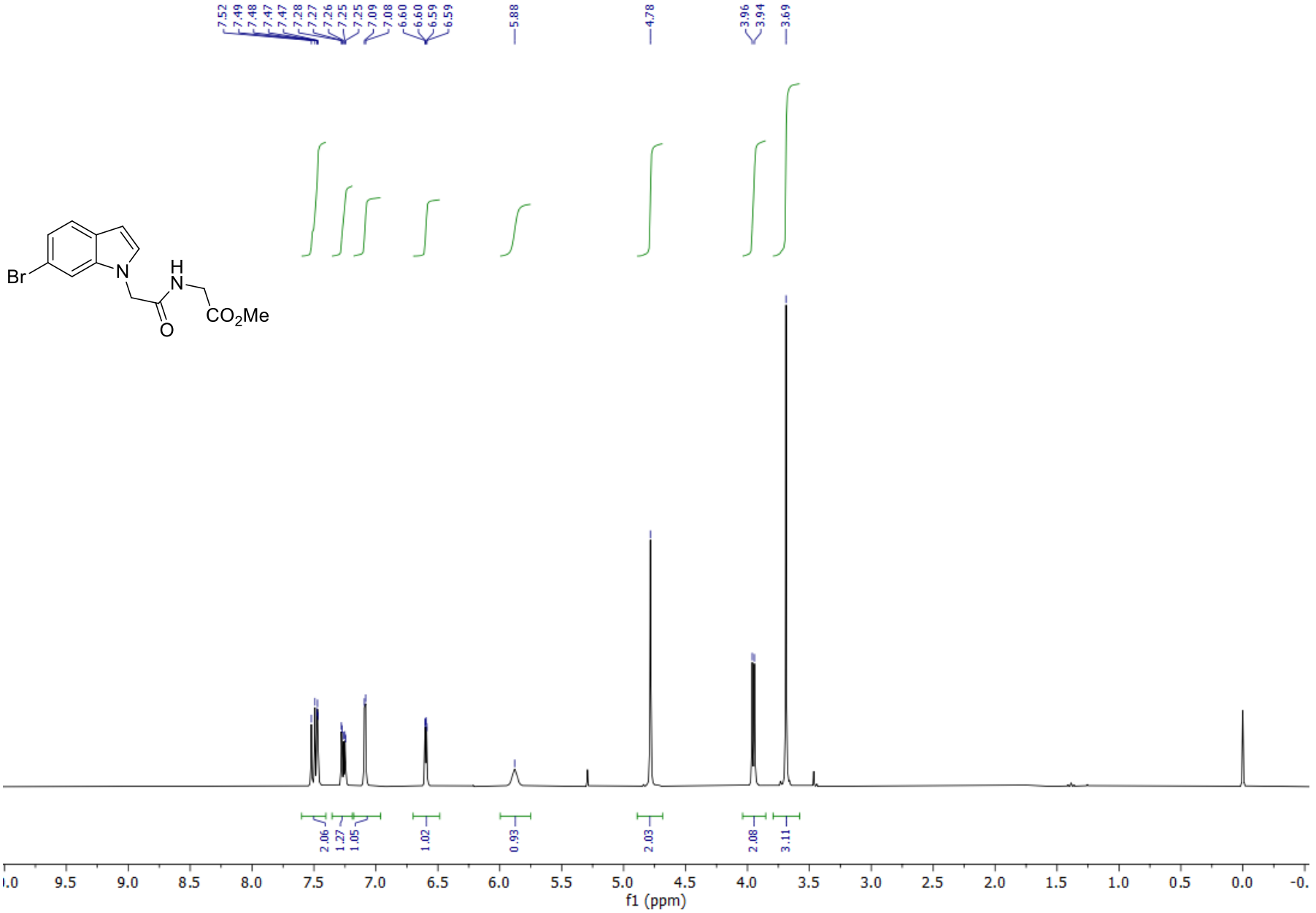
^{1}H NMR (300 MHz) in DMSO-d6



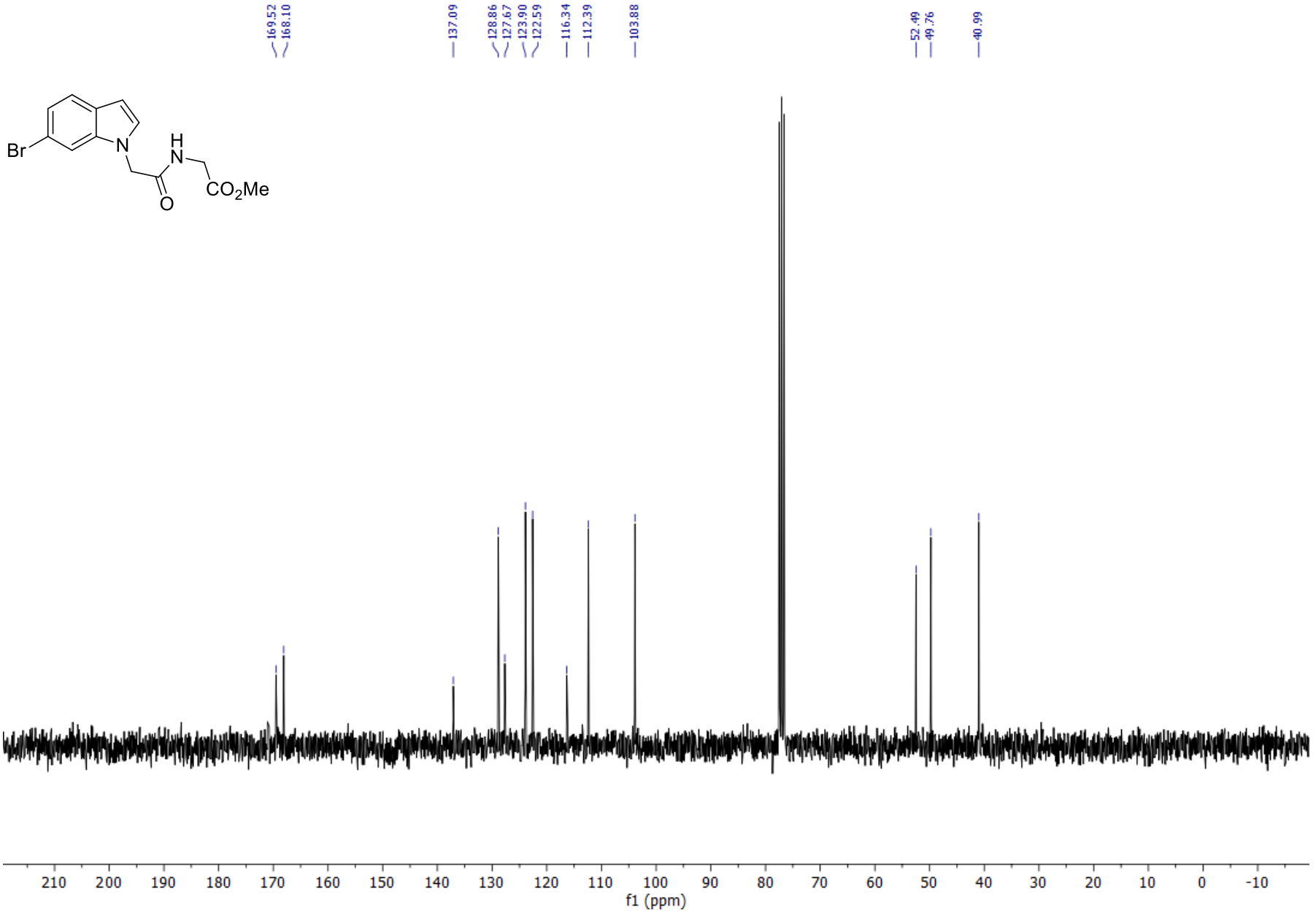
^{13}C NMR (75 MHz) in DMSO-d6



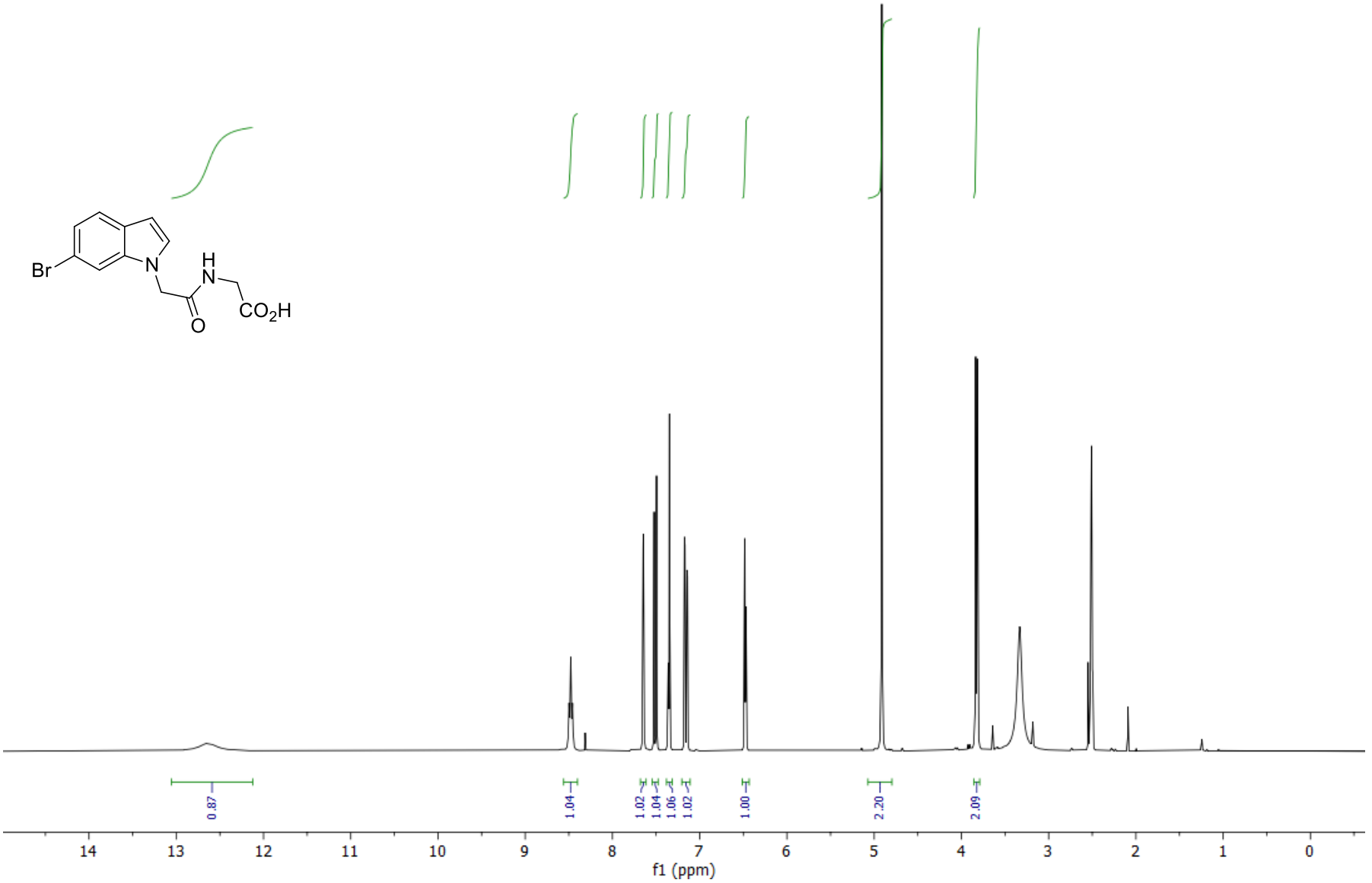
^{1}H NMR (300 MHz) in $CDCl_3$



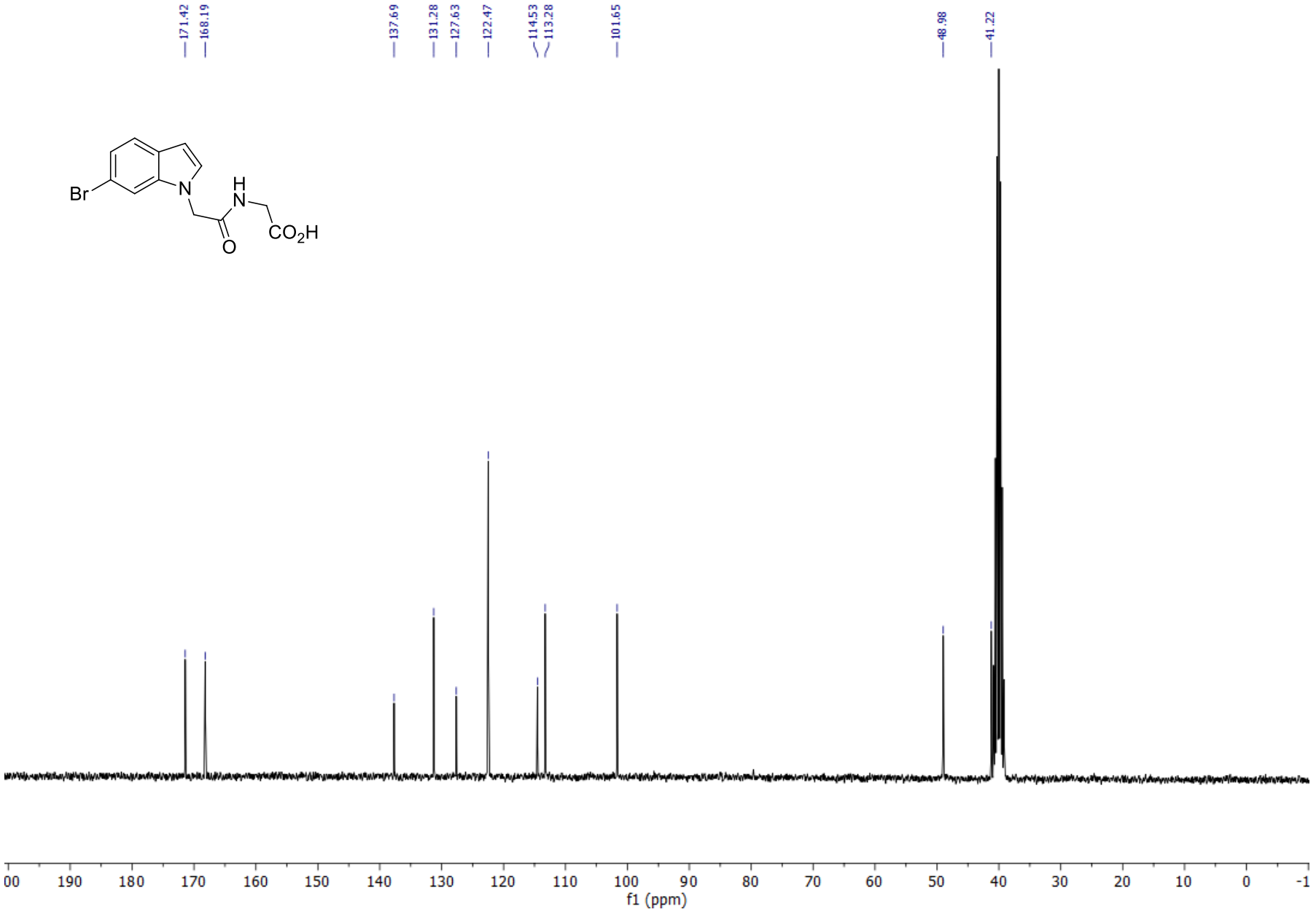
^{13}C NMR (75 MHz) in $CDCl_3$



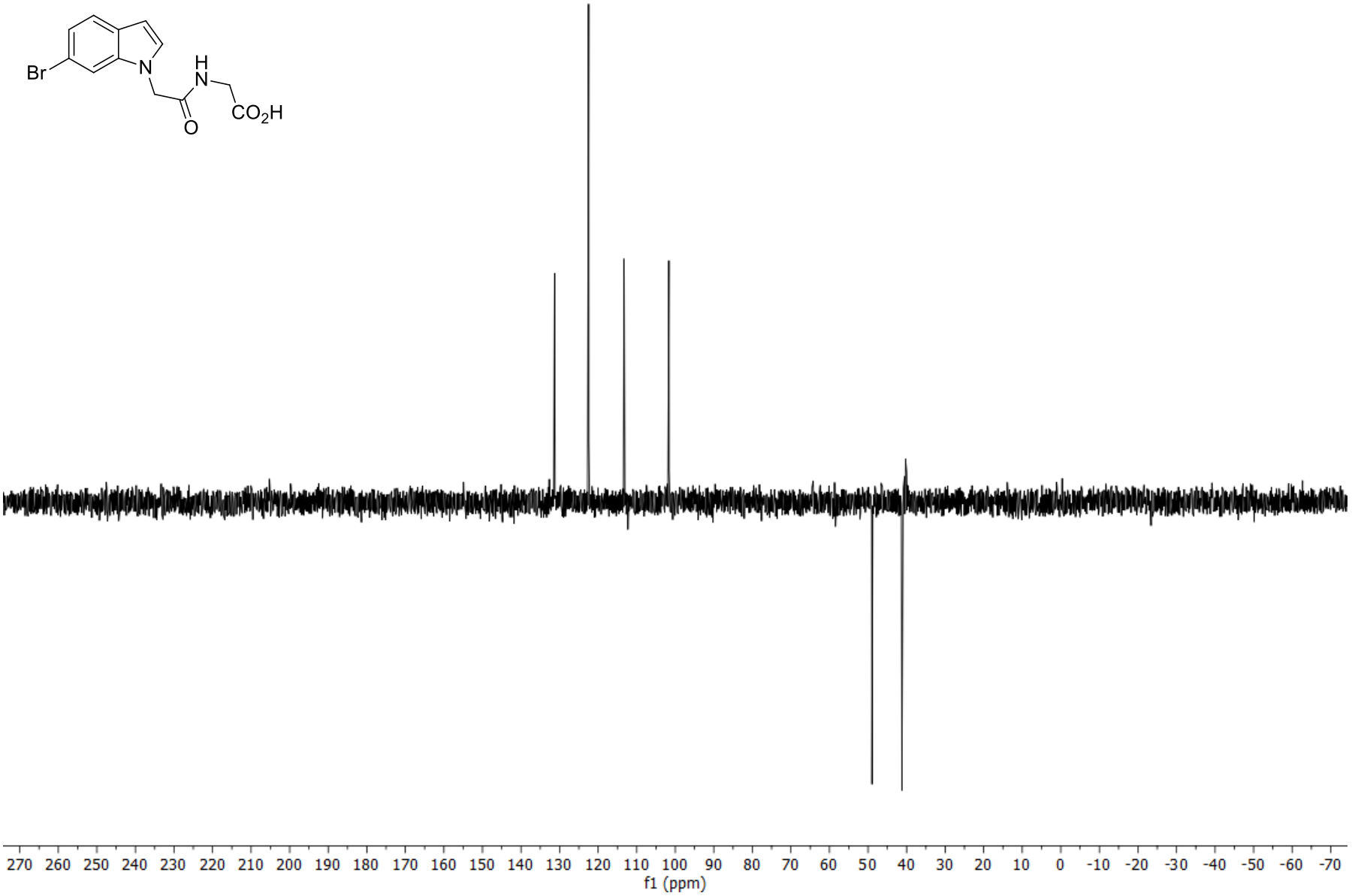
^{1}H NMR (300 MHz) in $CDCl_3$



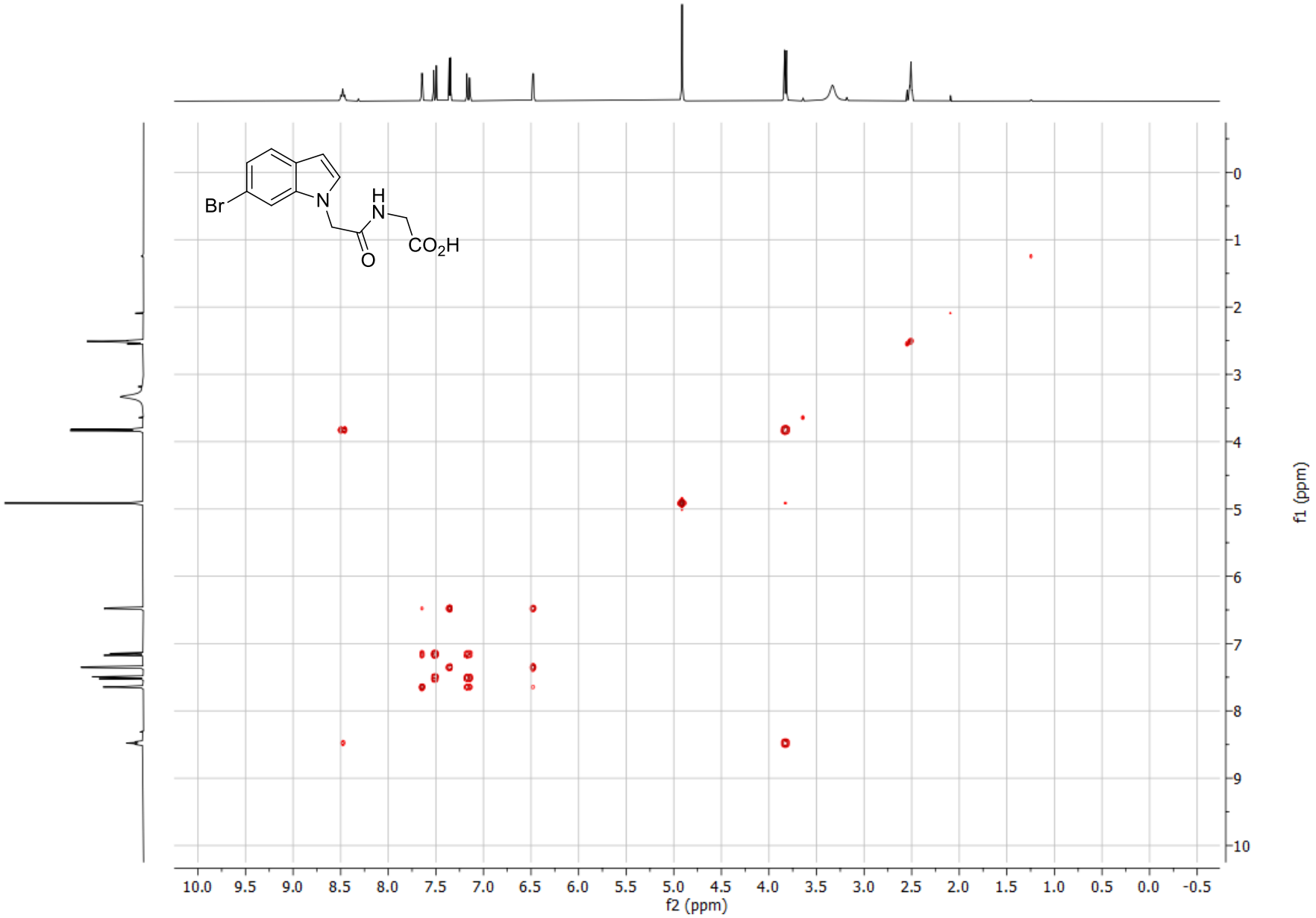
^{13}C NMR (75 MHz) in $CDCl_3$



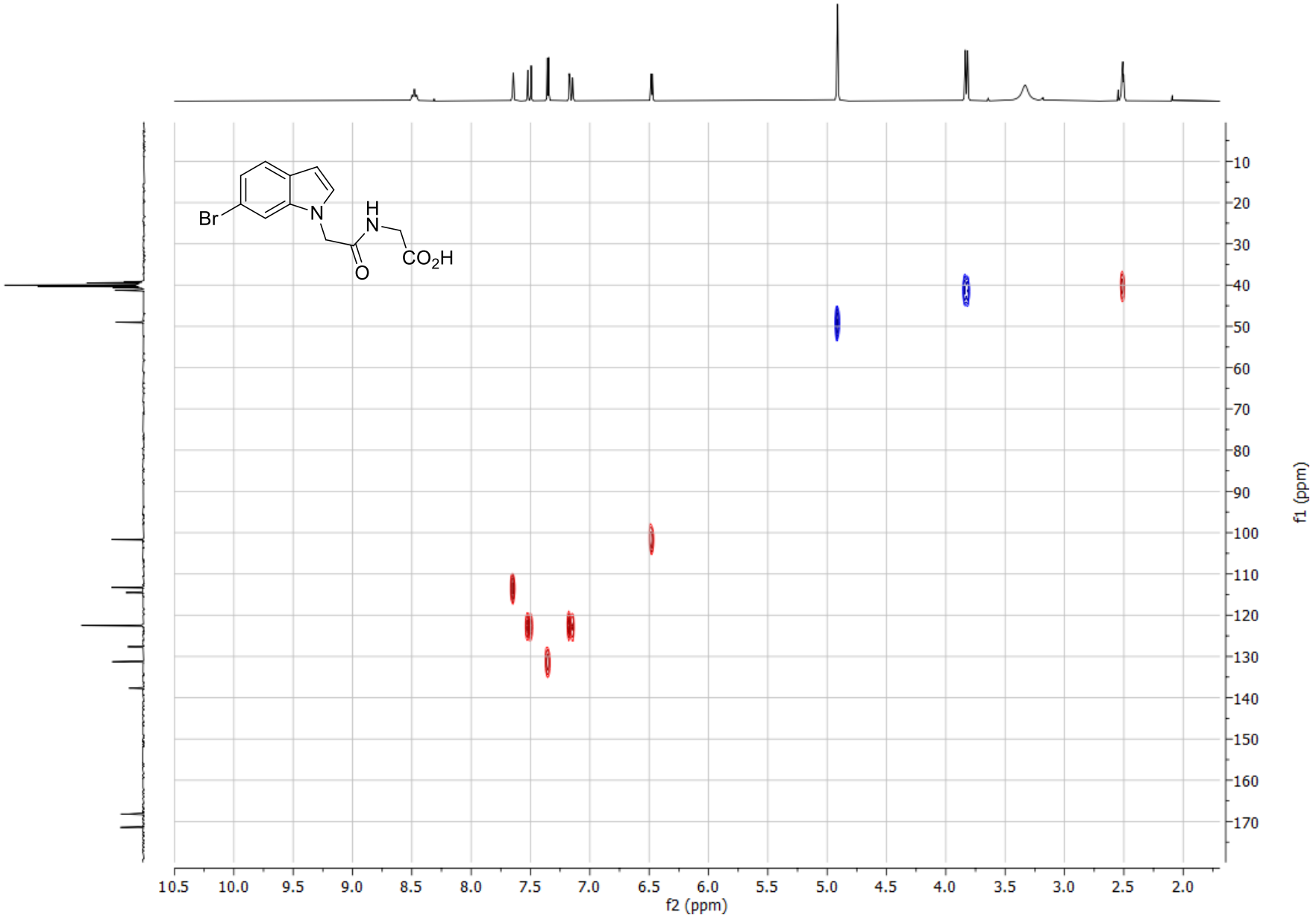
{13C}deptsp135 NMR (101 MHz) in $CDCl_3$



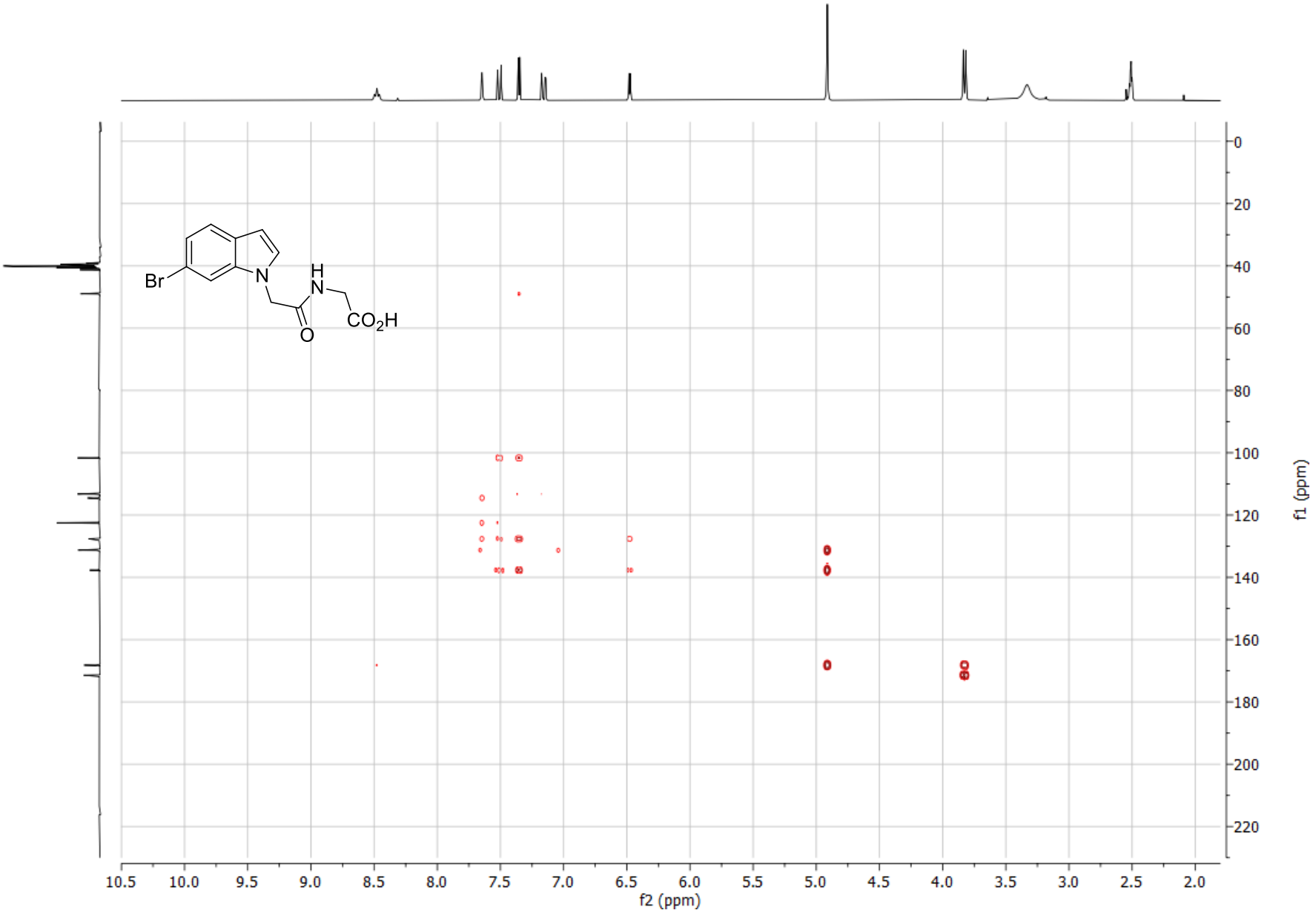
$^{1}H,^{1}H$-COSY (400 MHz) in $CDCl_3$



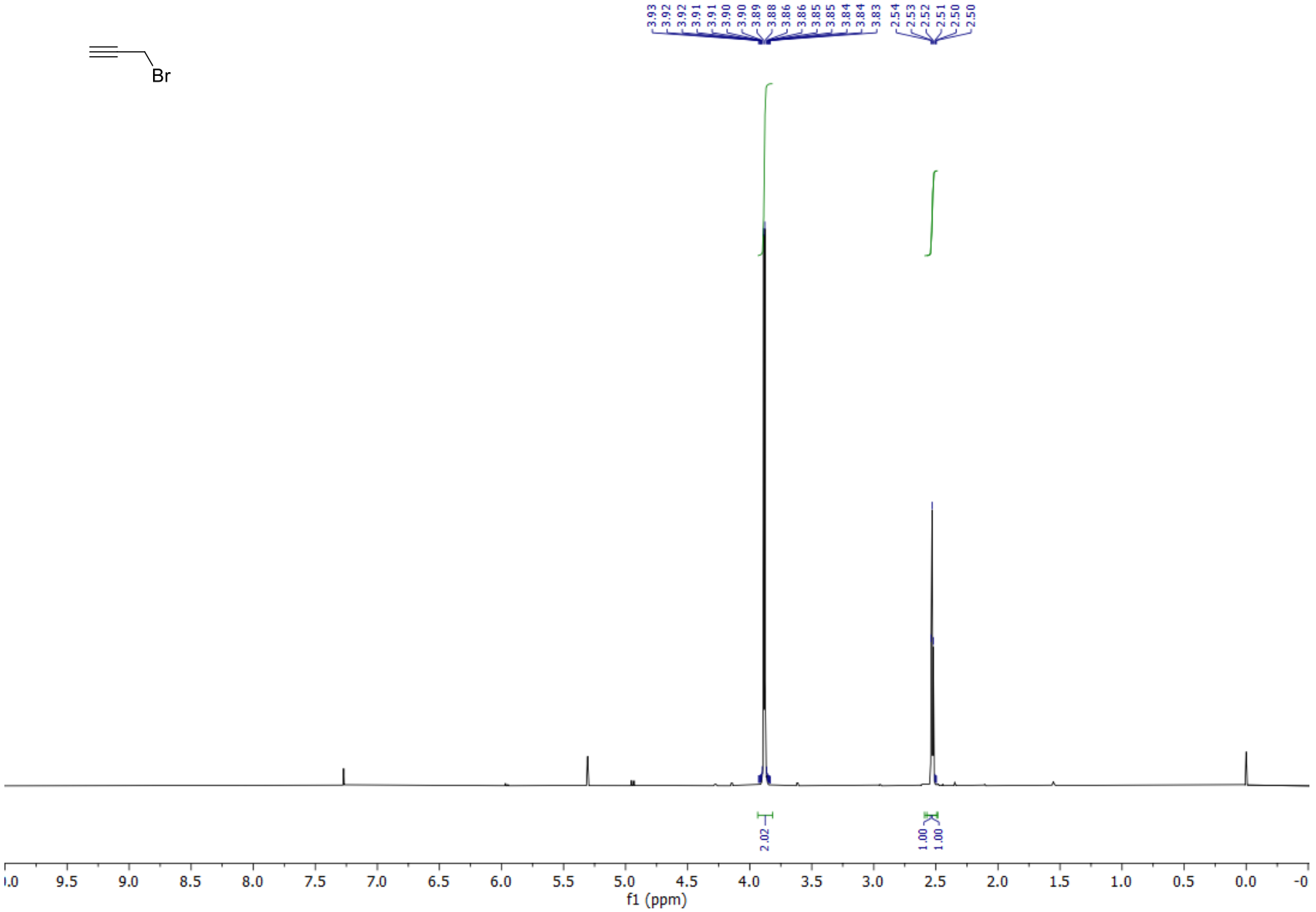
$^{1}H,^{13}C$-HSQC (400 & 101 MHz) in $CDCl_3$



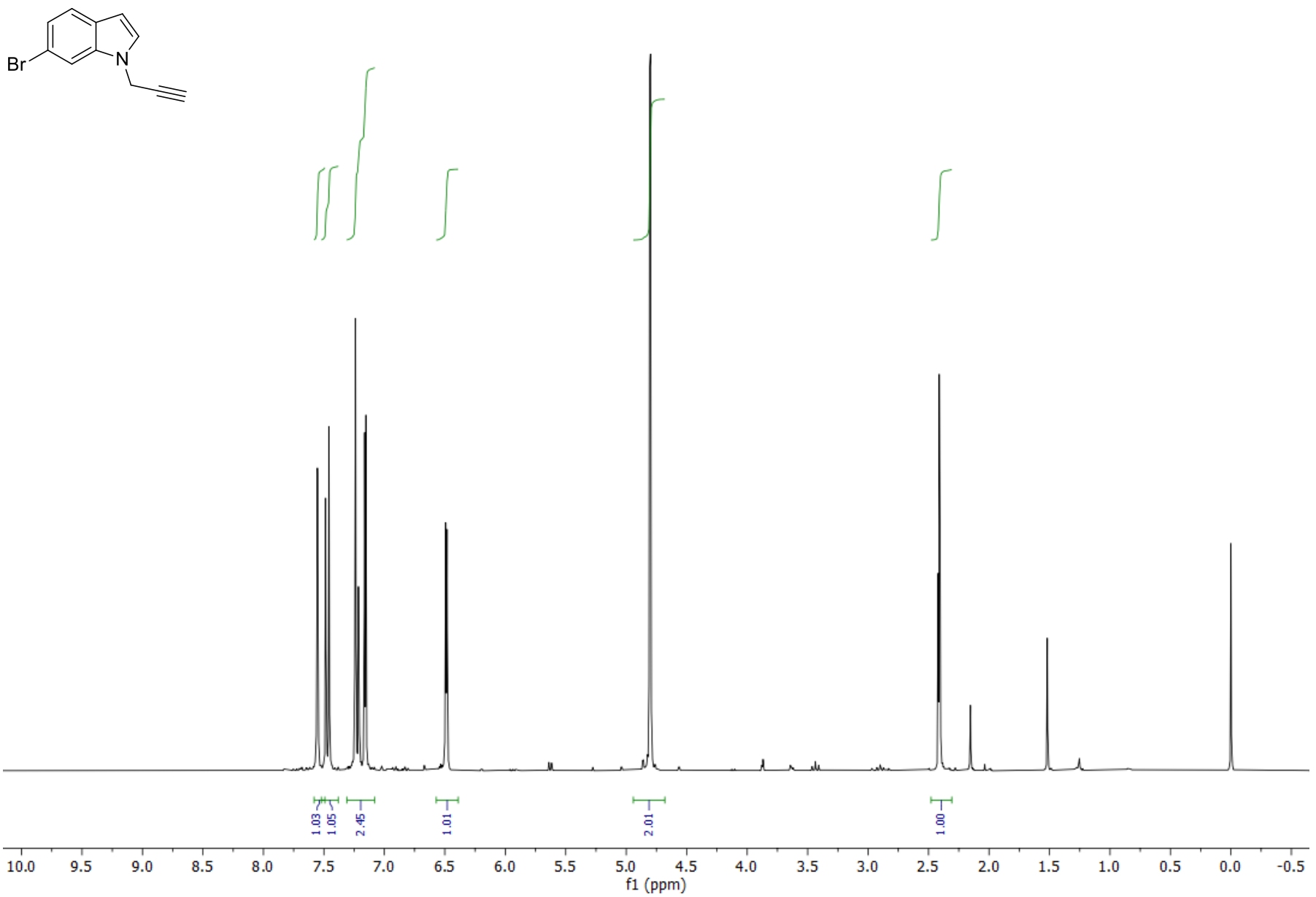
$^{1}H,^{13}C$-HMBC (400 & 101 MHz) in $CDCl_3$



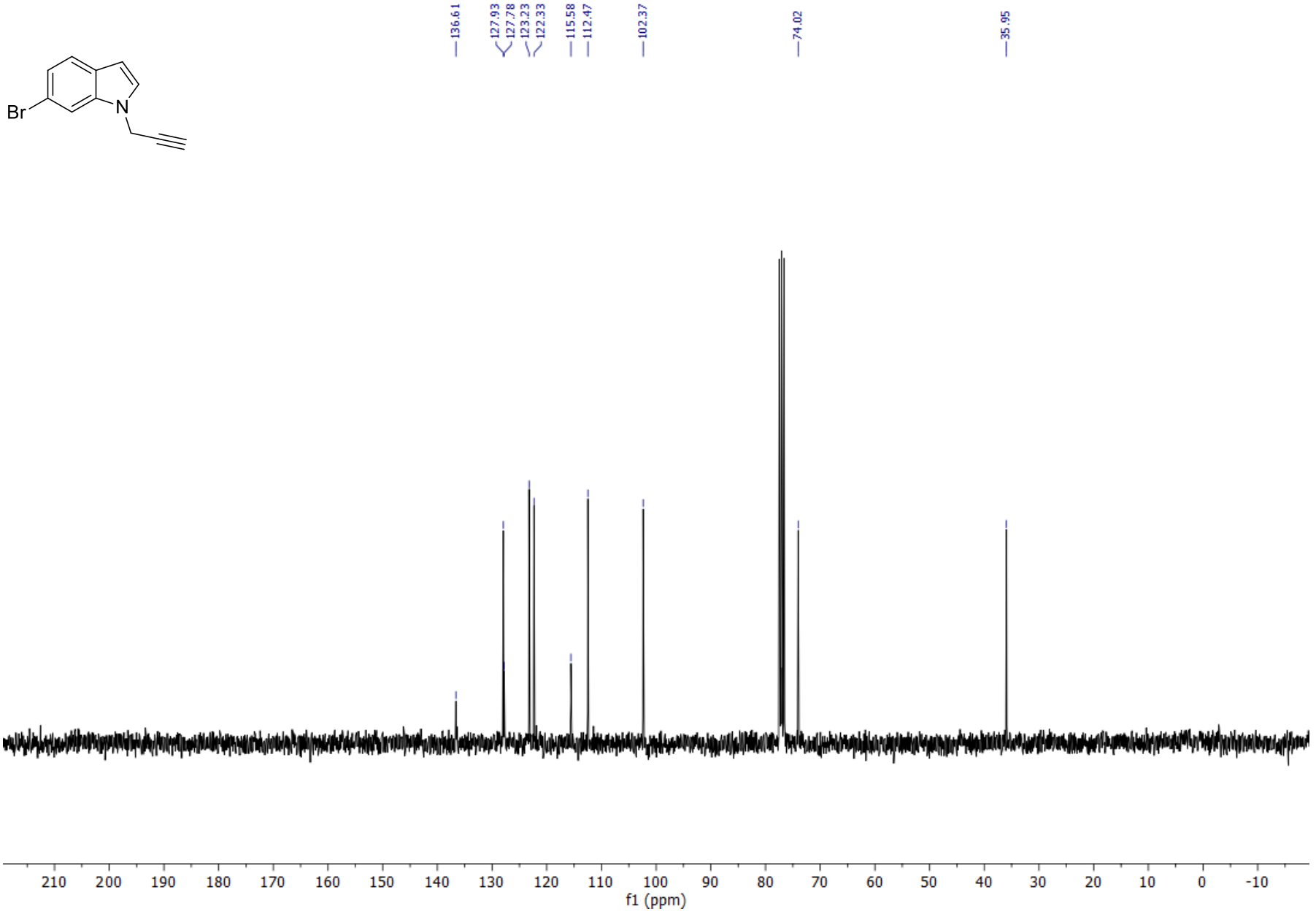
^{1}H NMR (300 MHz) in $CDCl_3$



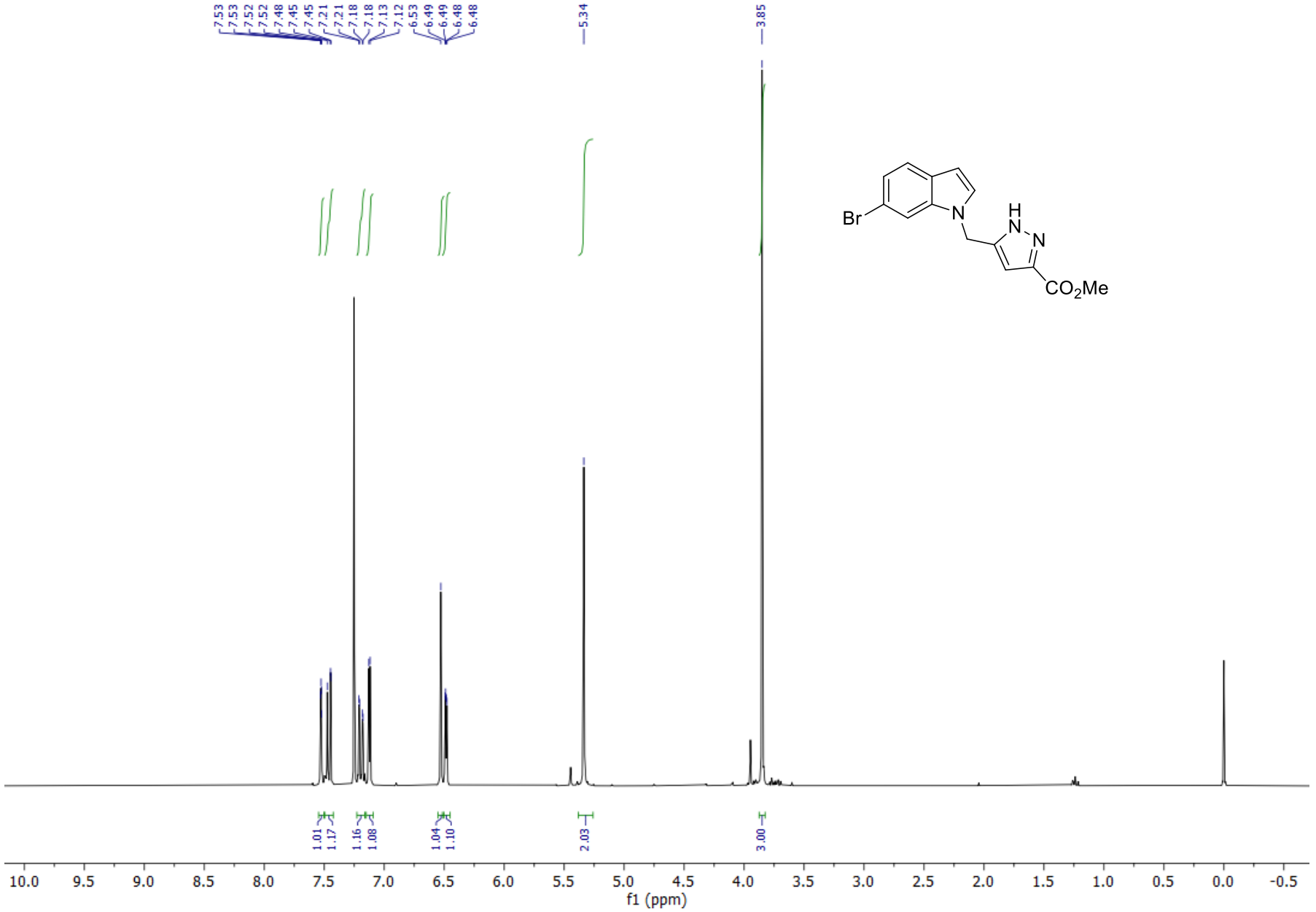
^{1}H NMR (300 MHz) in $CDCl_3$



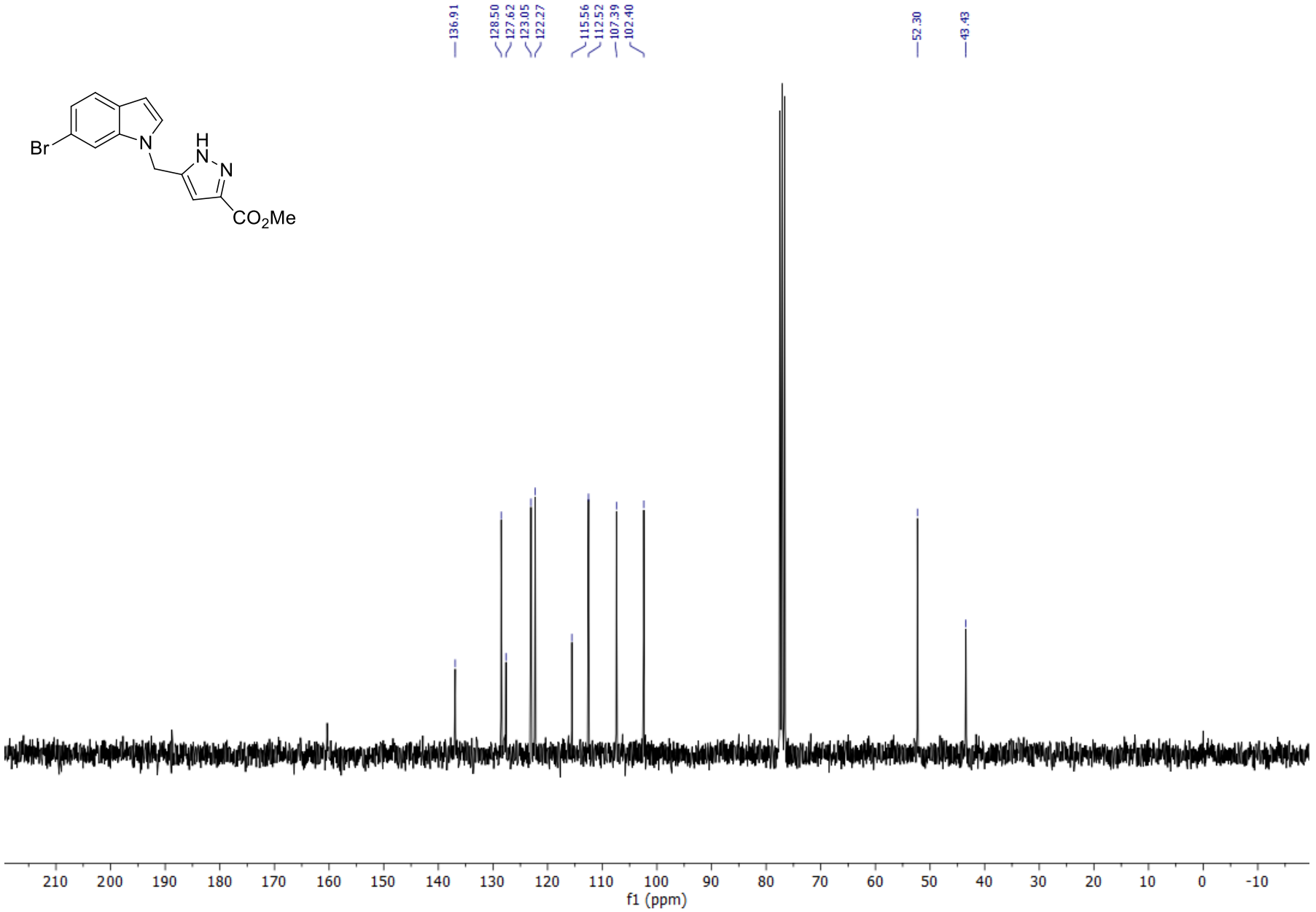
^{13}C NMR (75 MHz) in $CDCl_3$



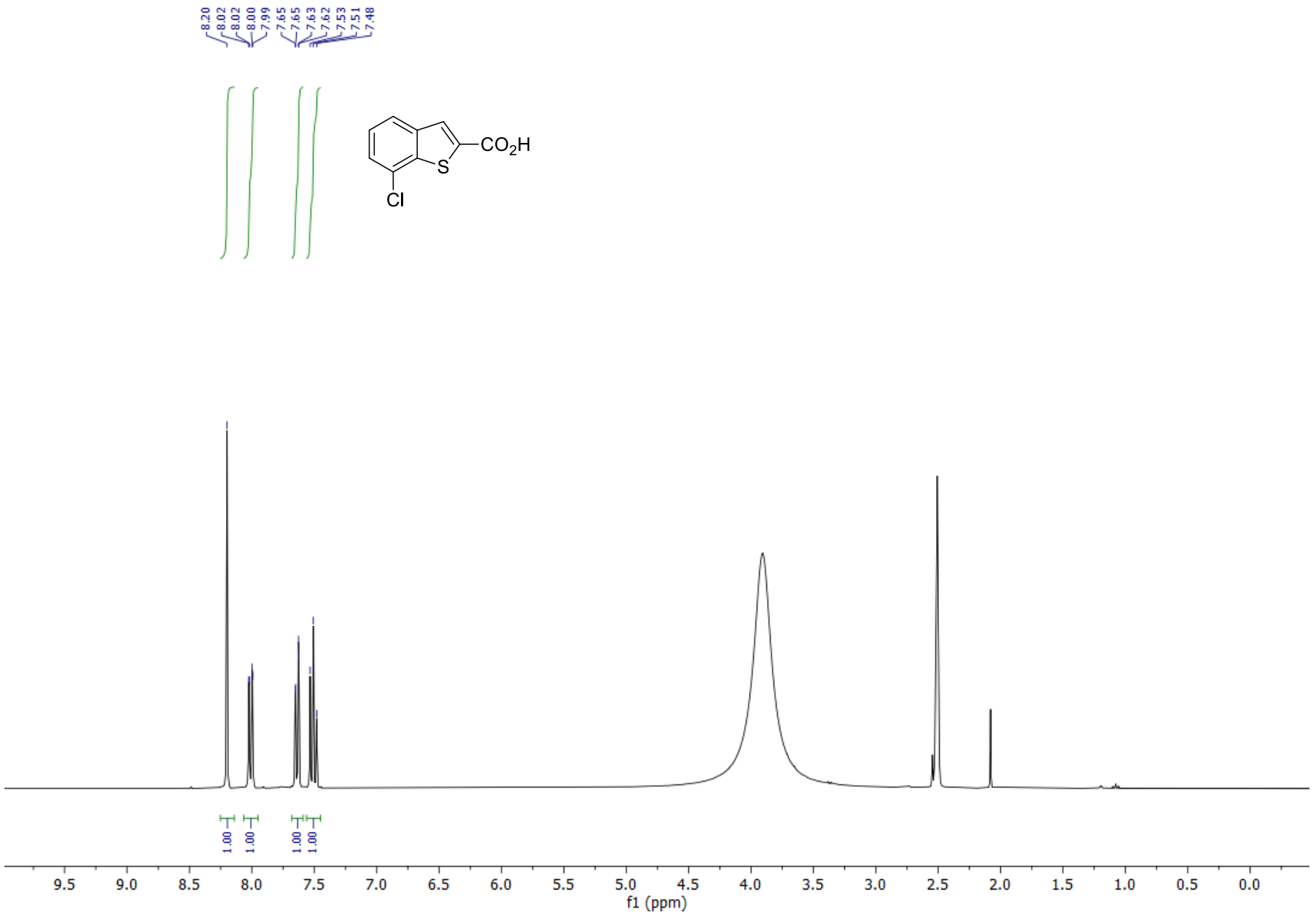
^{1}H NMR (300 MHz) in $CDCl_3$



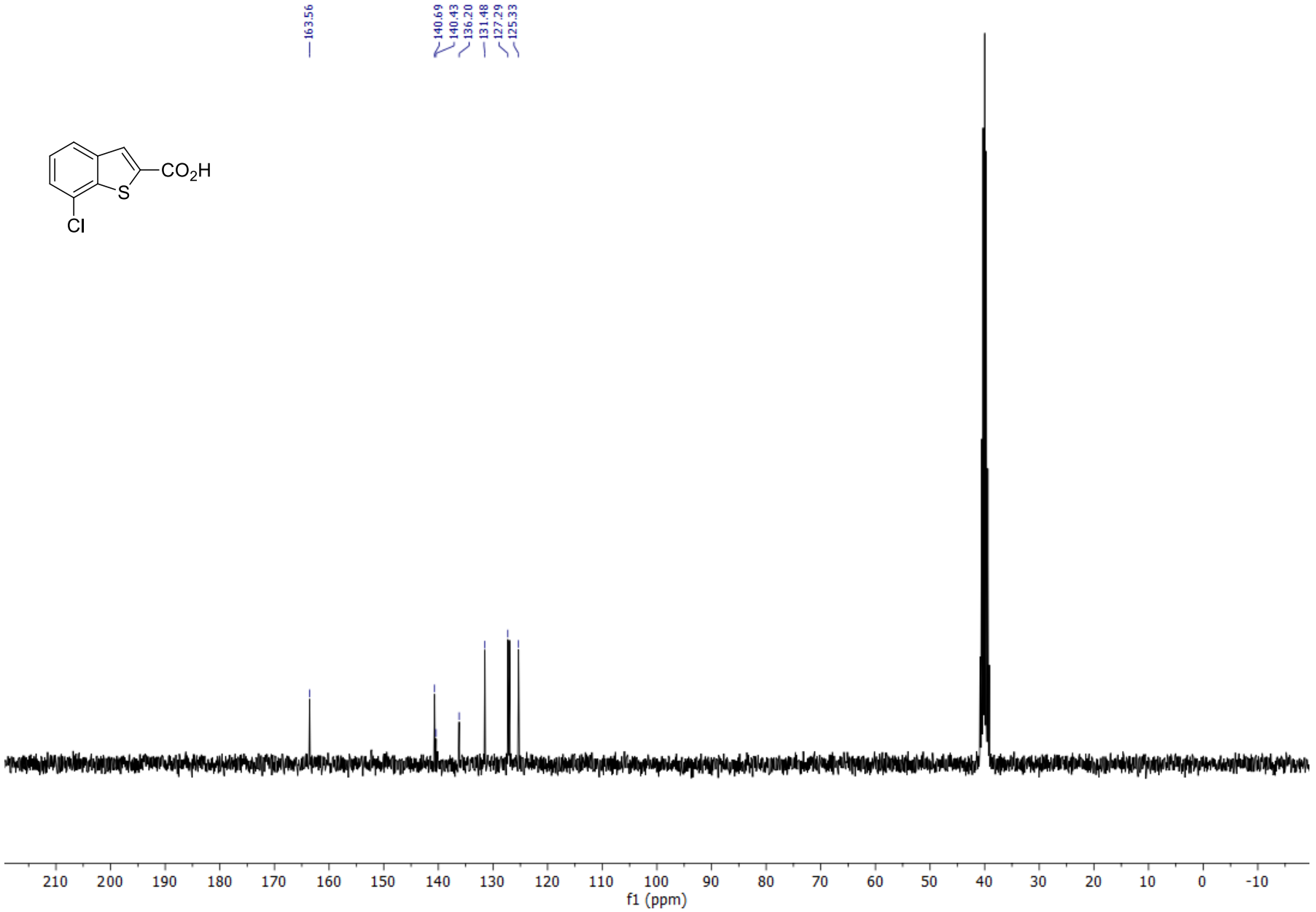
^{13}C NMR (75 MHz) in $CDCl_3$



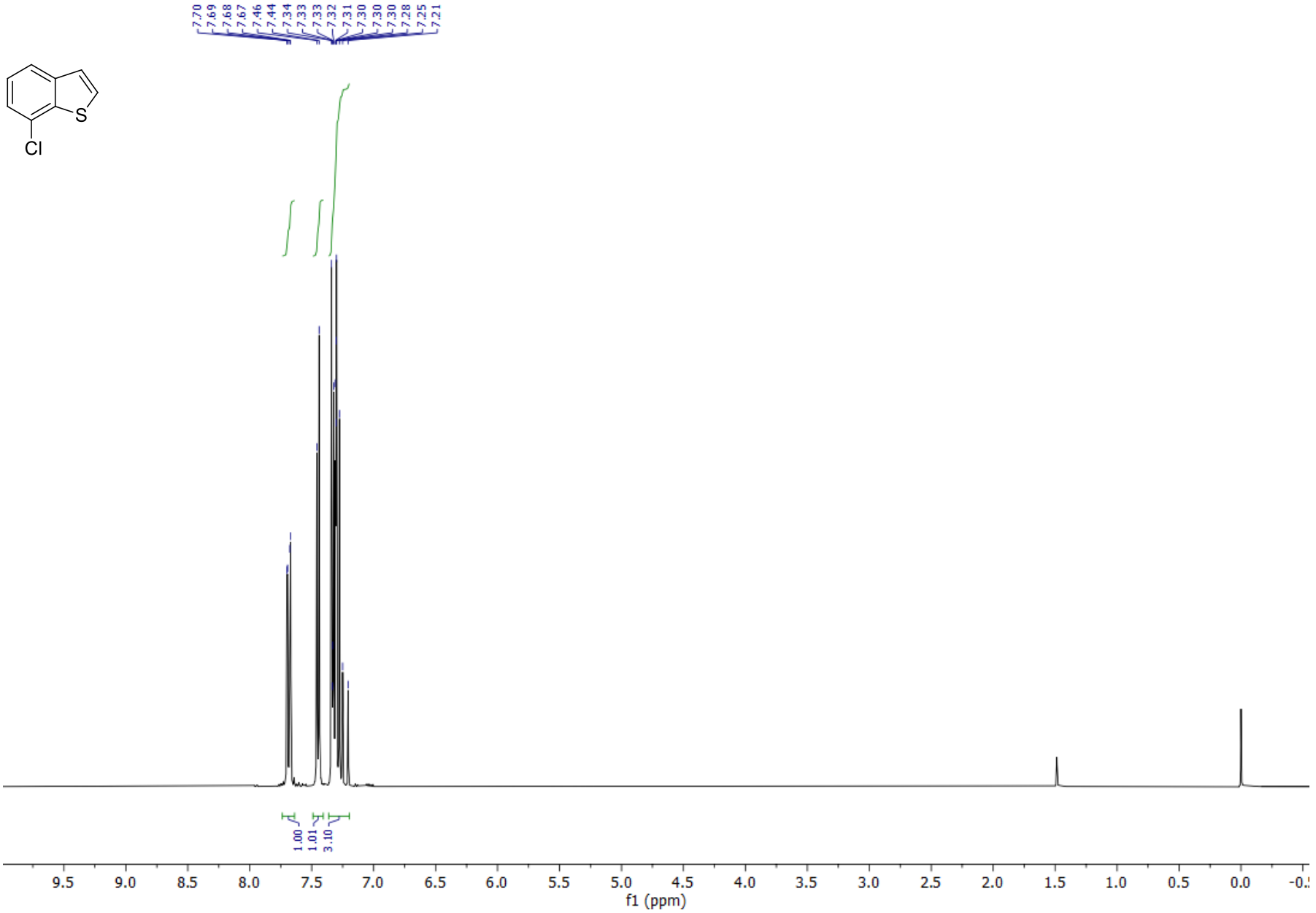
^{1}H NMR (300 MHz) in DMSO-d6



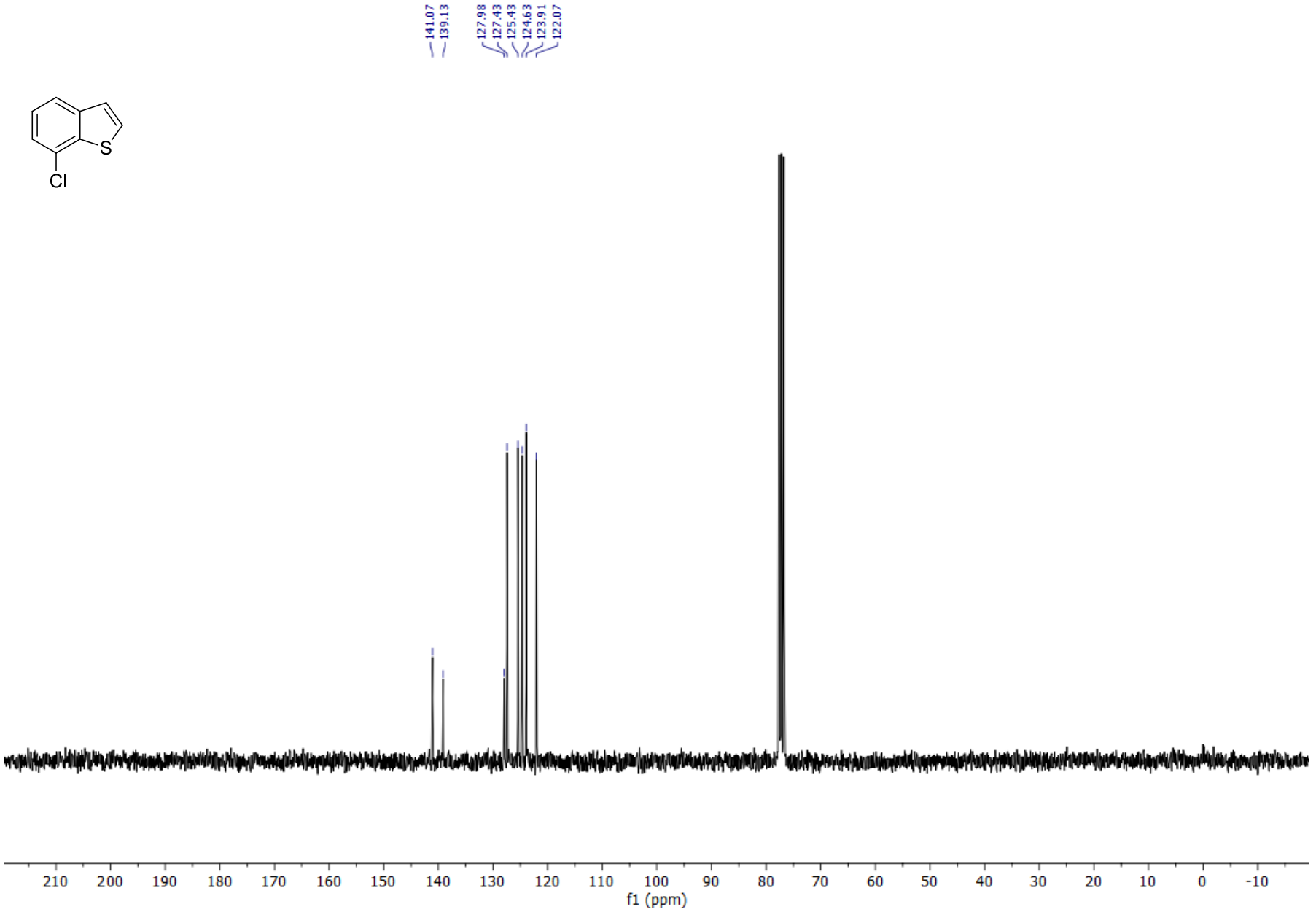
^{13}C NMR (75 MHz) in DMSO-d6



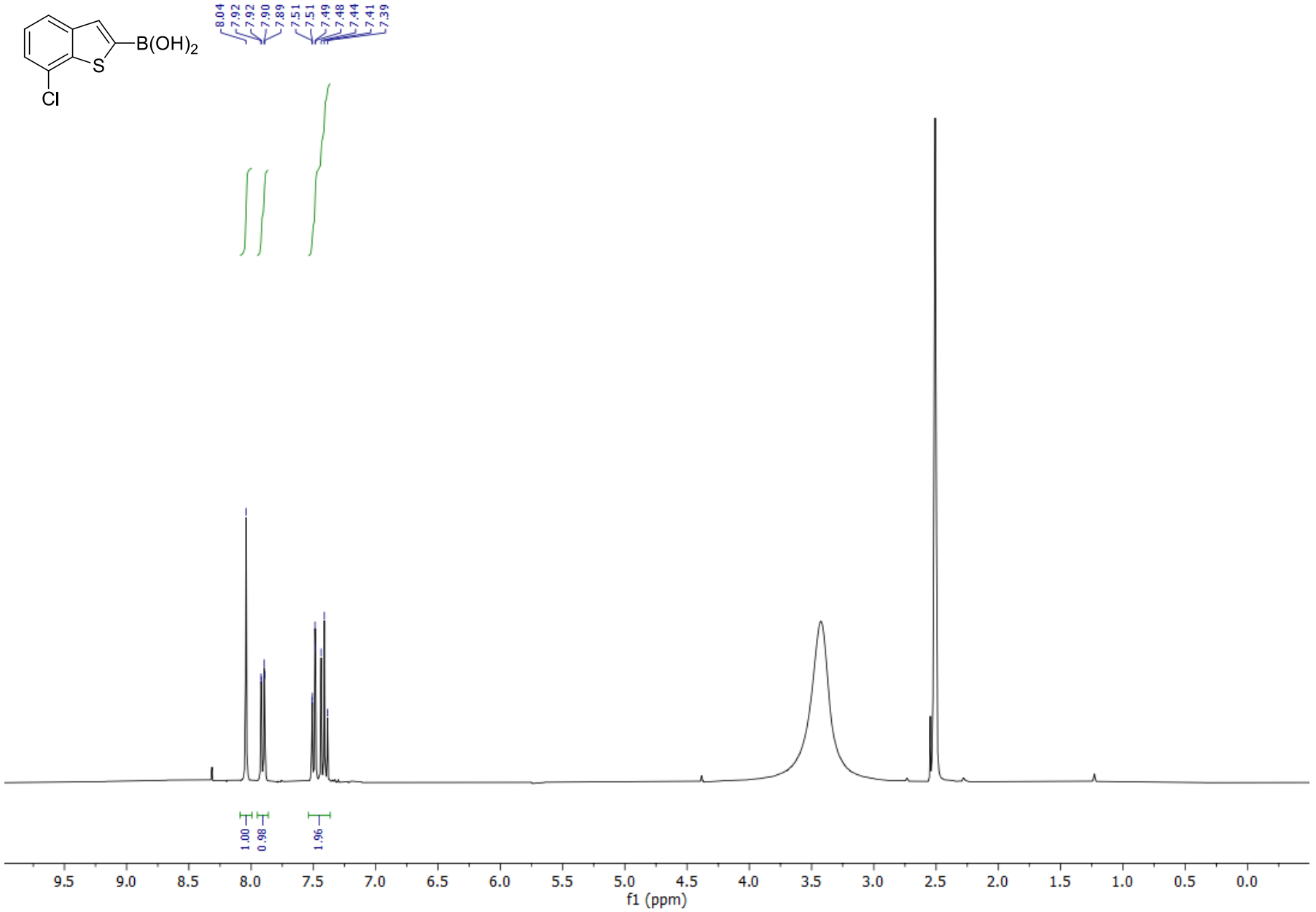
H NMR (300 MHz) in $CDCl_3$



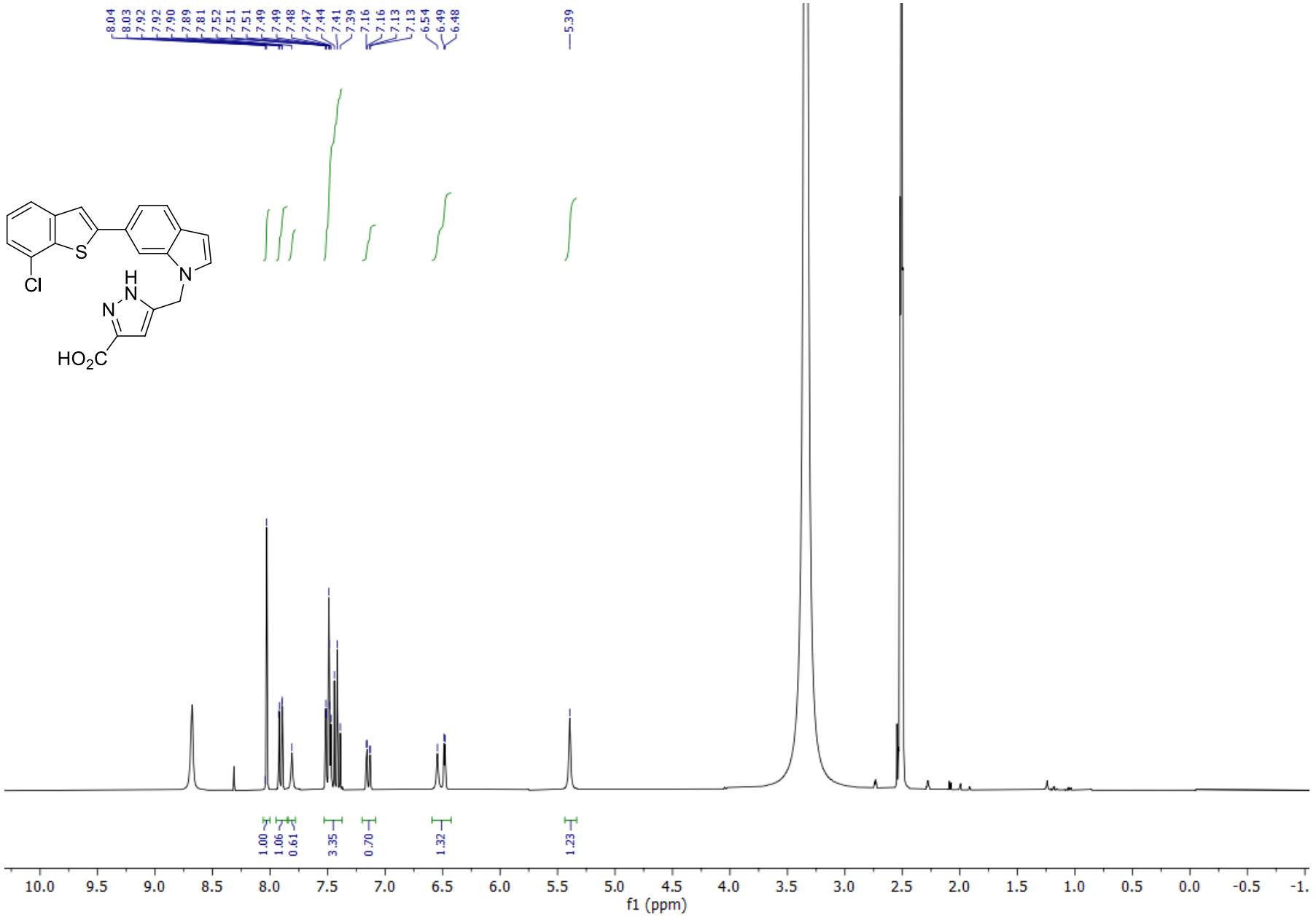
^{13}C NMR (75 MHz) in $CDCl_3$



^{1}H NMR (300 MHz) in DMSO-d6



^{1}H NMR (300 MHz) in DMSO-d6



^{13}C NMR (75 MHz) in DMSO-d6