Supporting Information

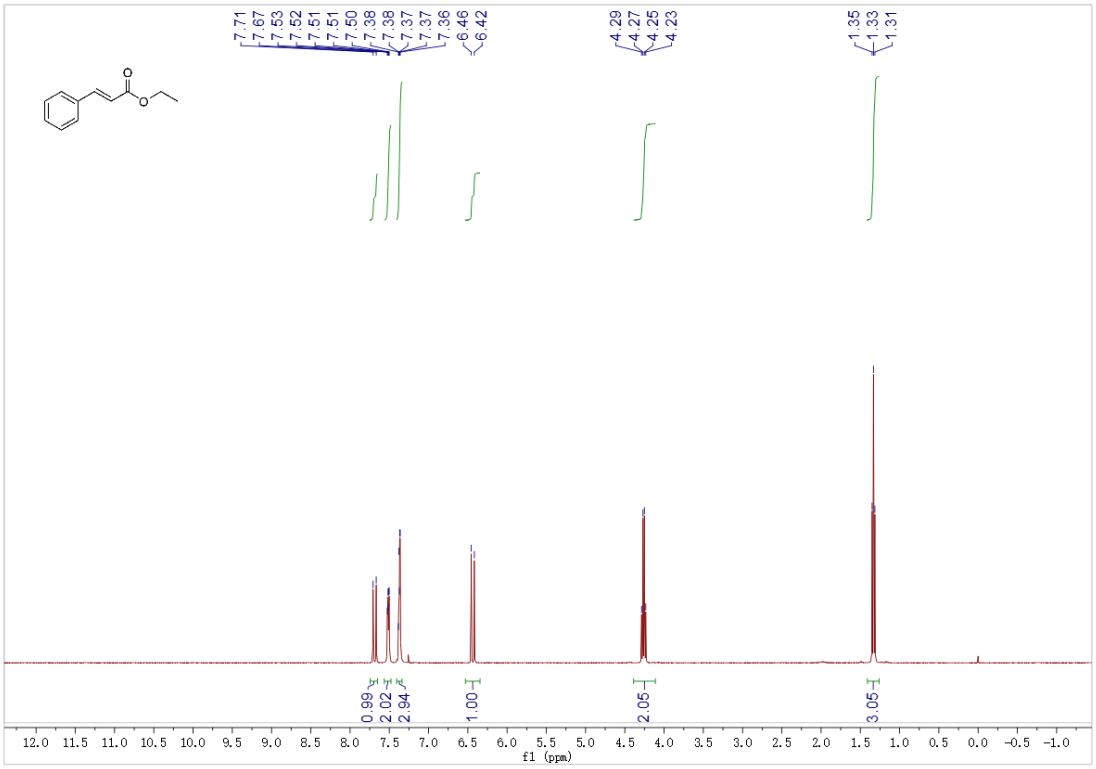
Na2SO3-Promoted Heck Coupling and Homo-Coupling of Arylhydrazines at Room Temperature

Jianxiong Du [1], Wanhe Wang [2], Jin-Biao Liu [1,*] and Nianhua Luo [3,*]

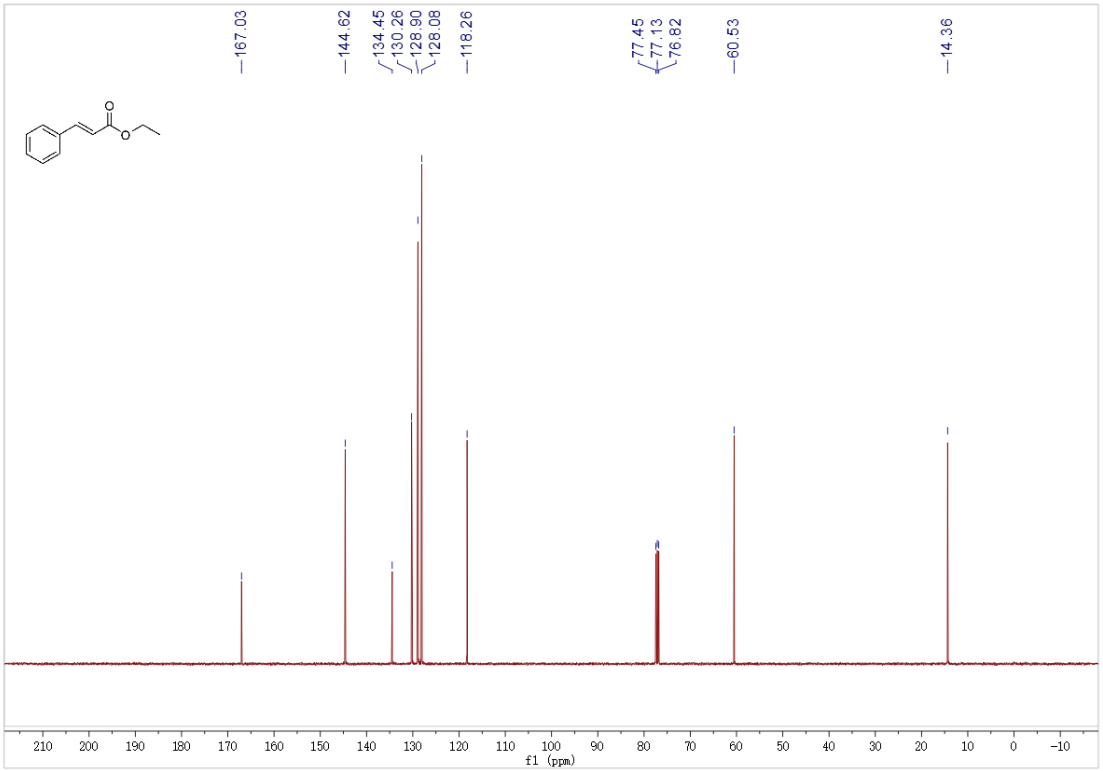
1 Jiangxi Provincial Key Laboratory of Functional Crystalline Materials Chemistry, Jiangxi University of
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1. The ^{1}H and ^{13}C NMR spectra of compounds 3a-4g

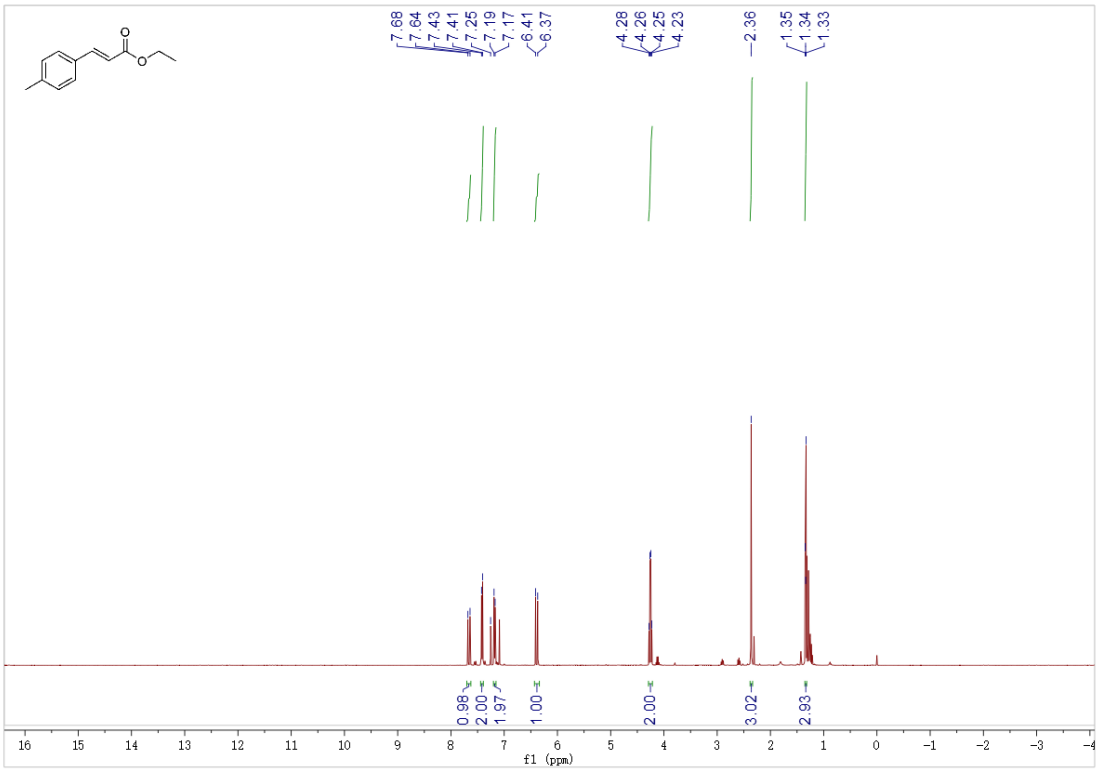
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3a



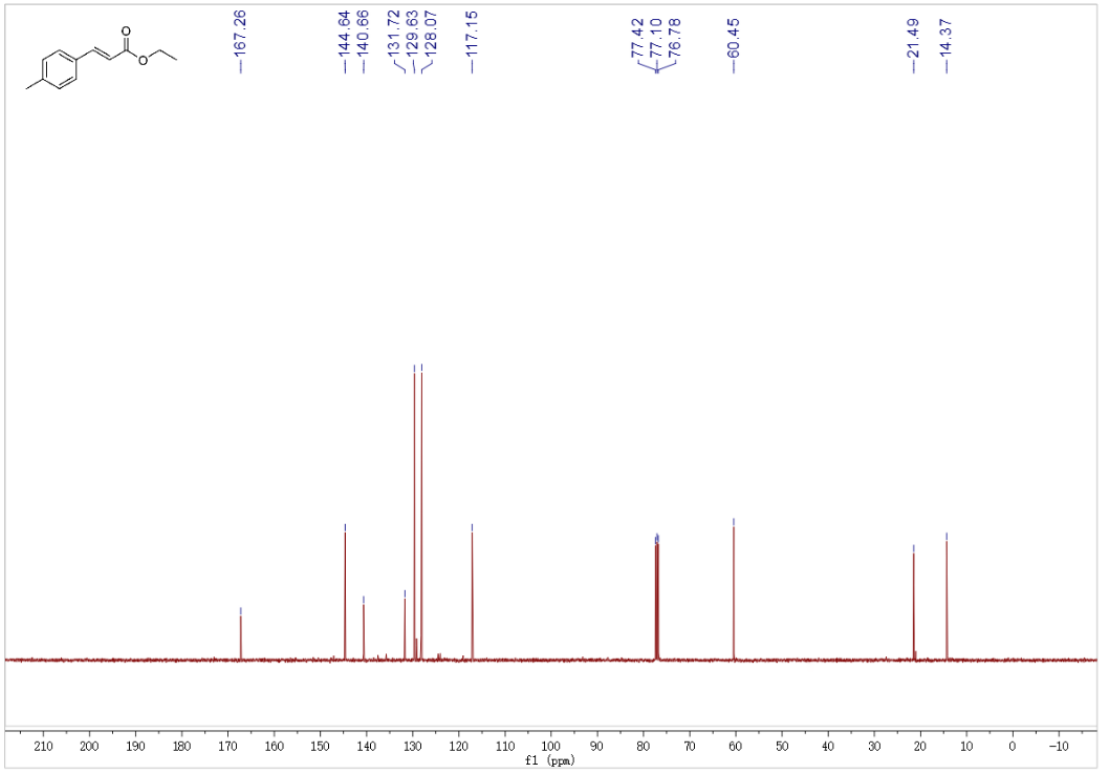
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 3a



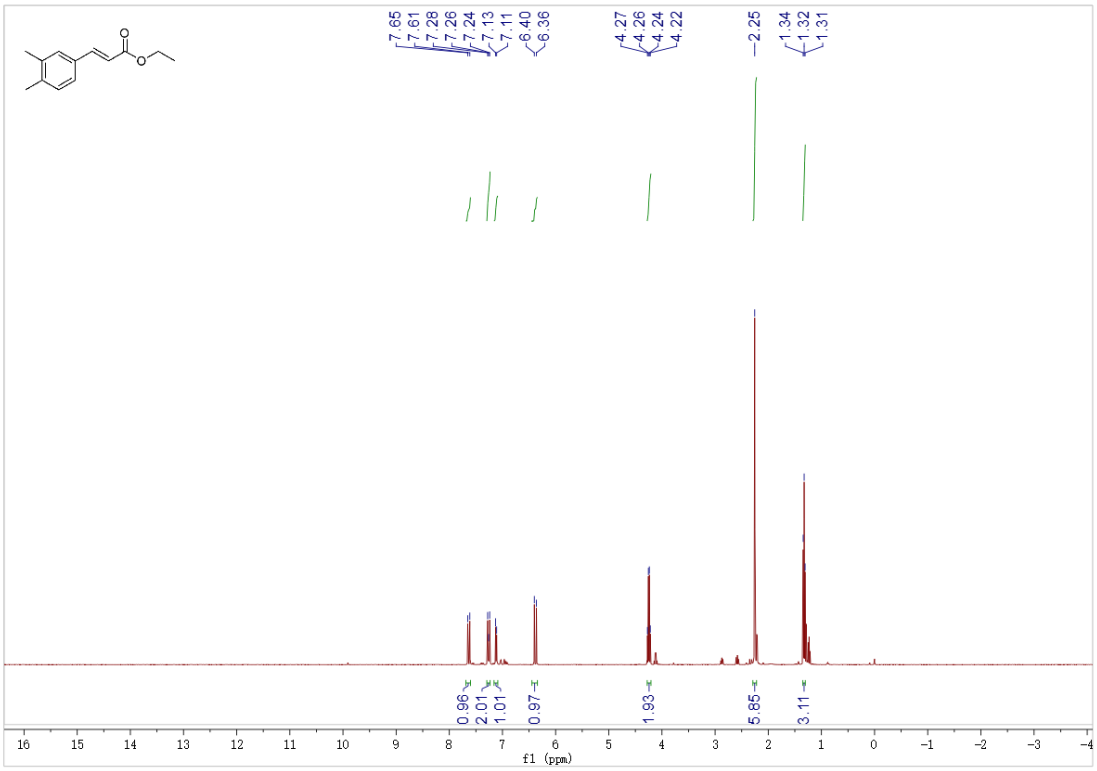
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3b



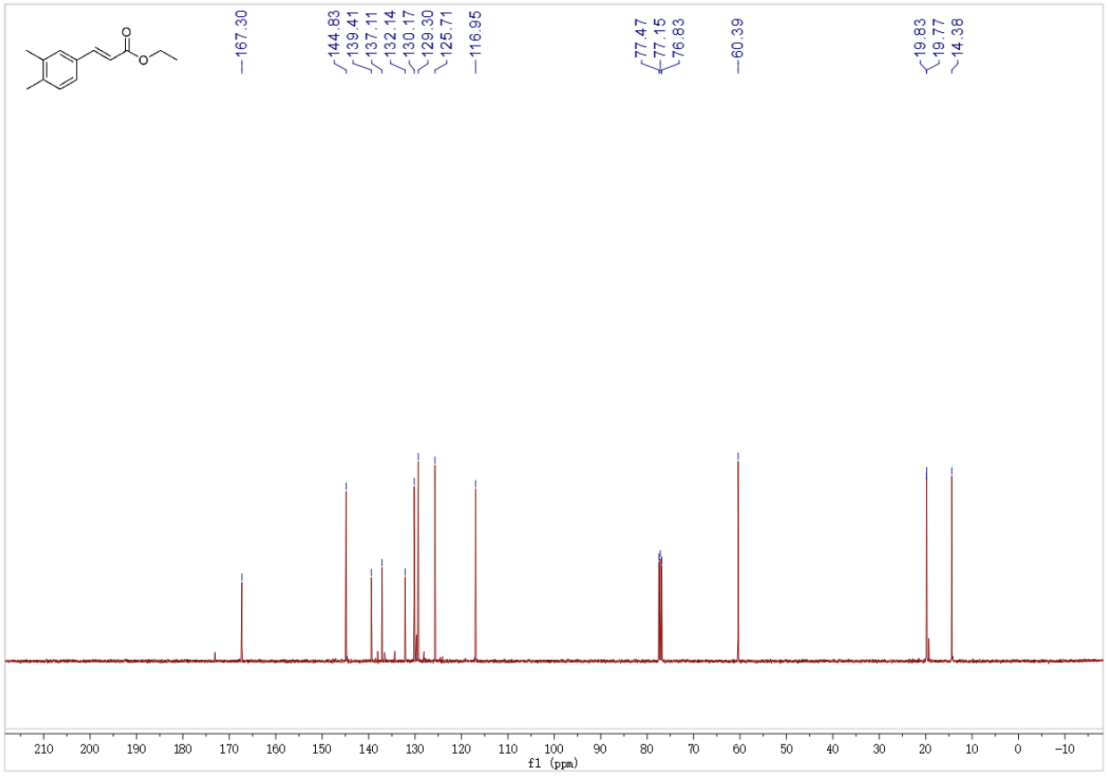
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 3b



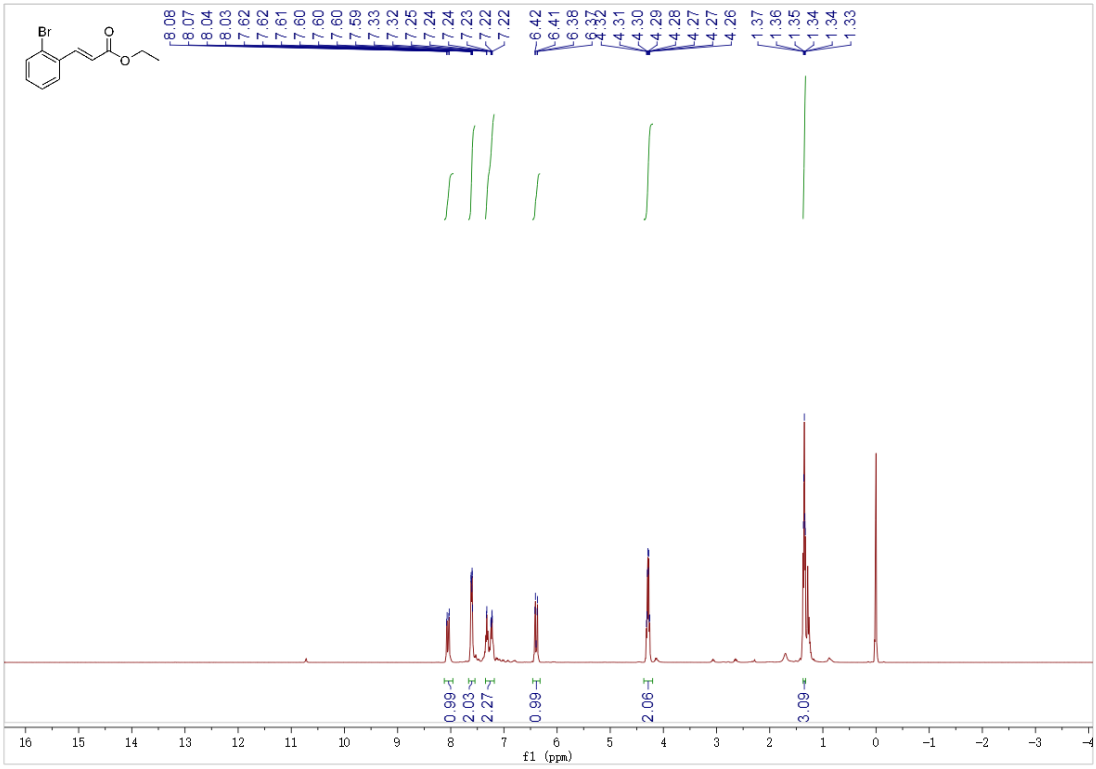
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3c



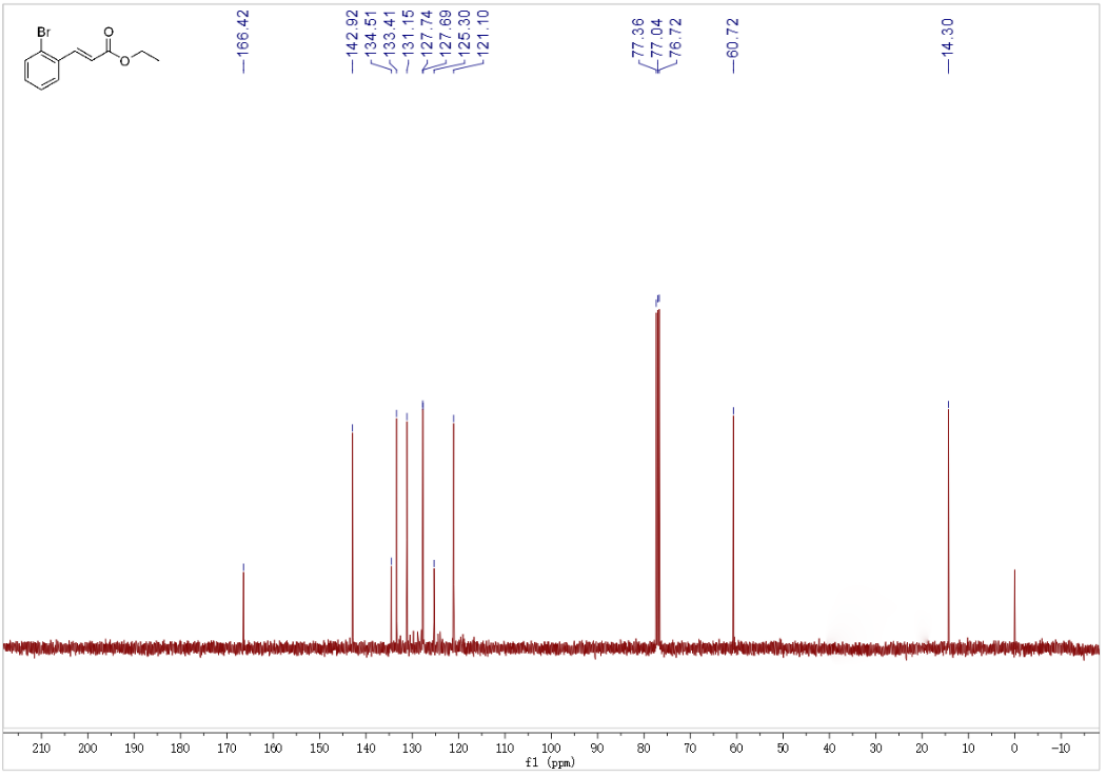
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 3c



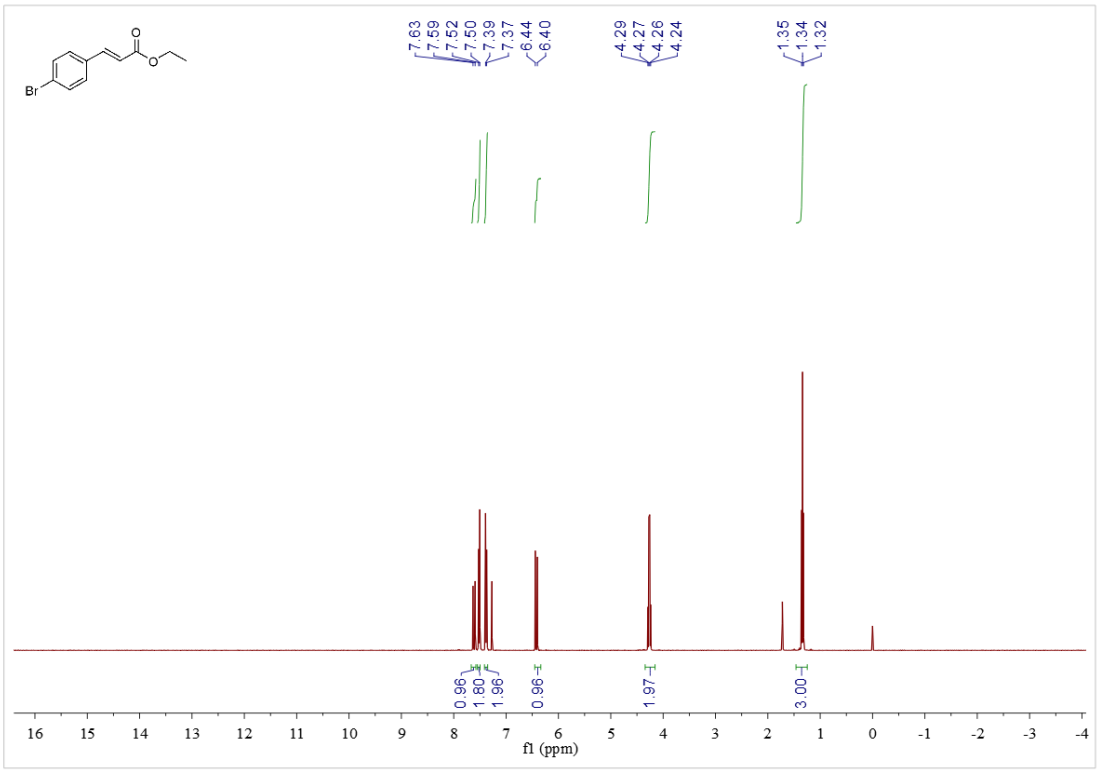
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3d



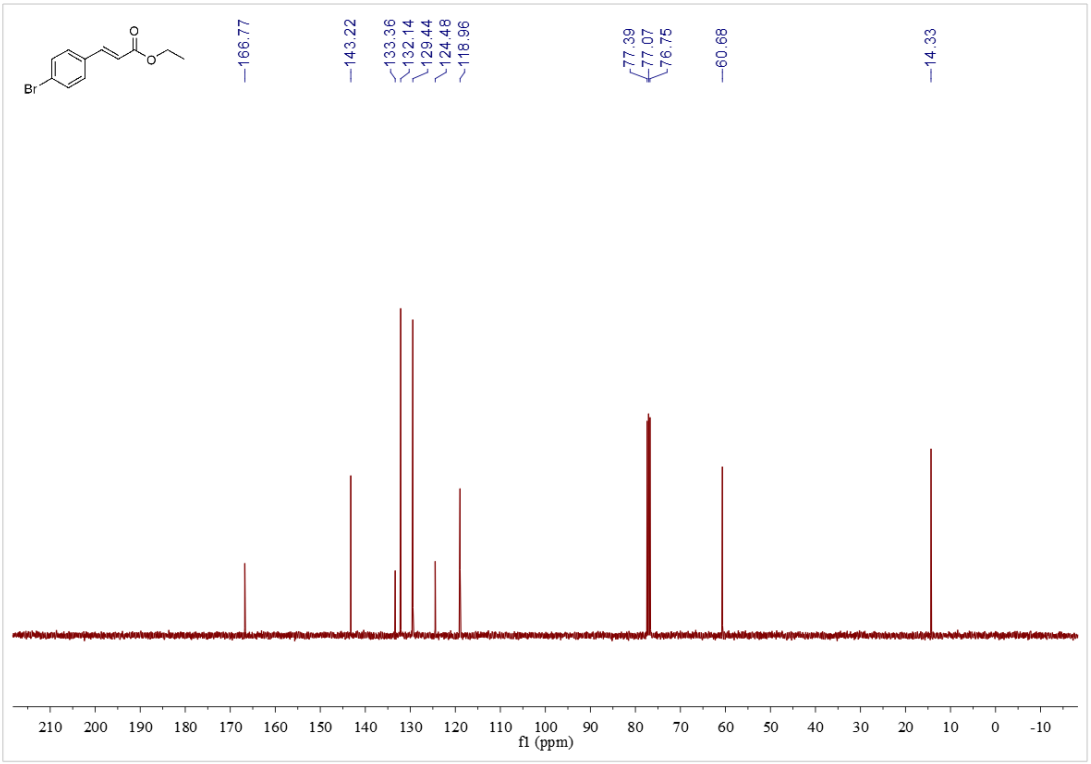
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 3d



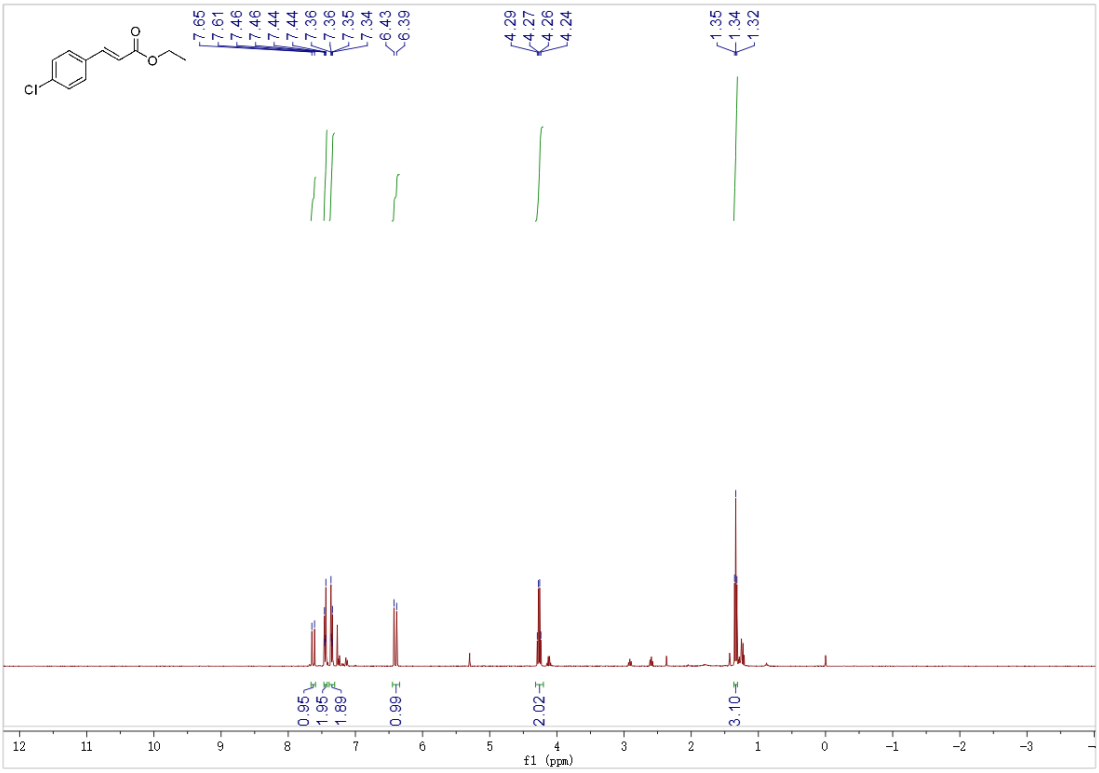
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3e



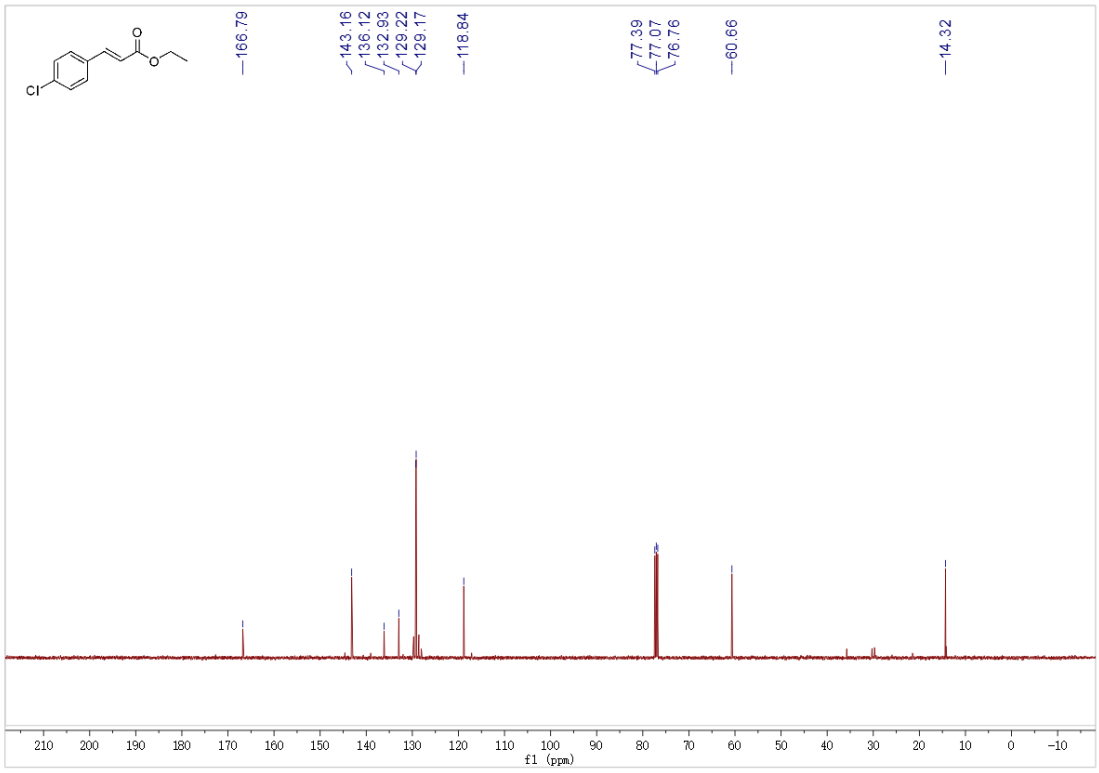
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3e



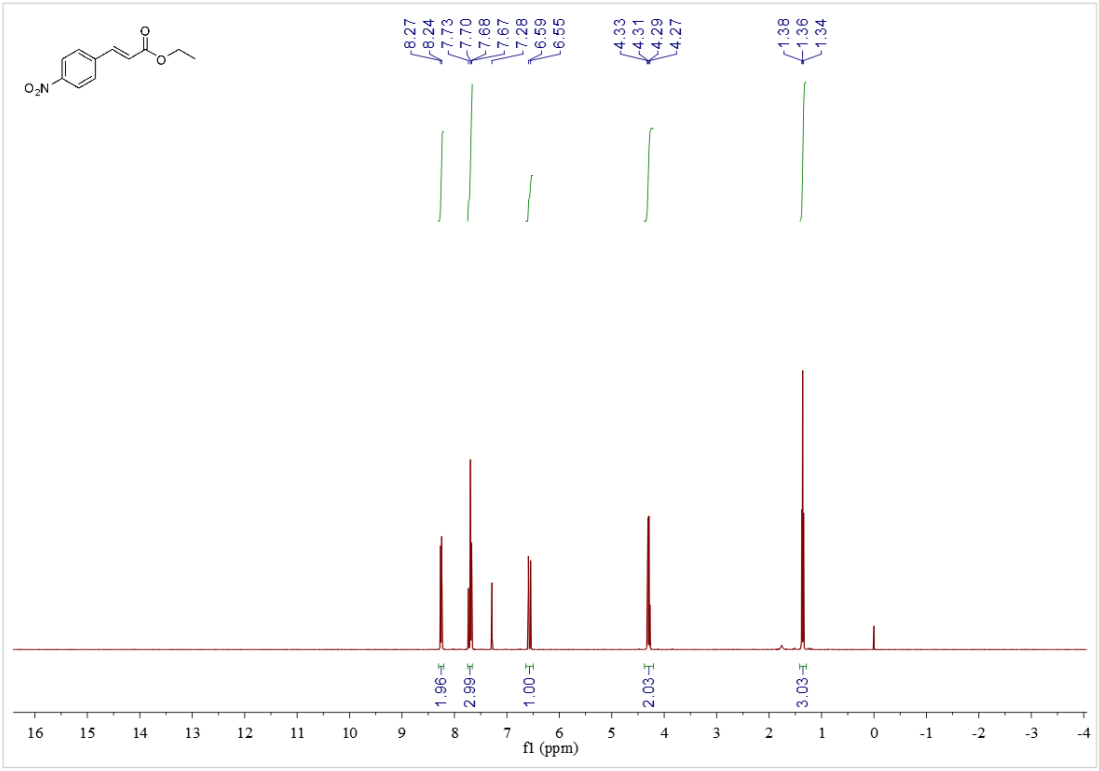
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3f



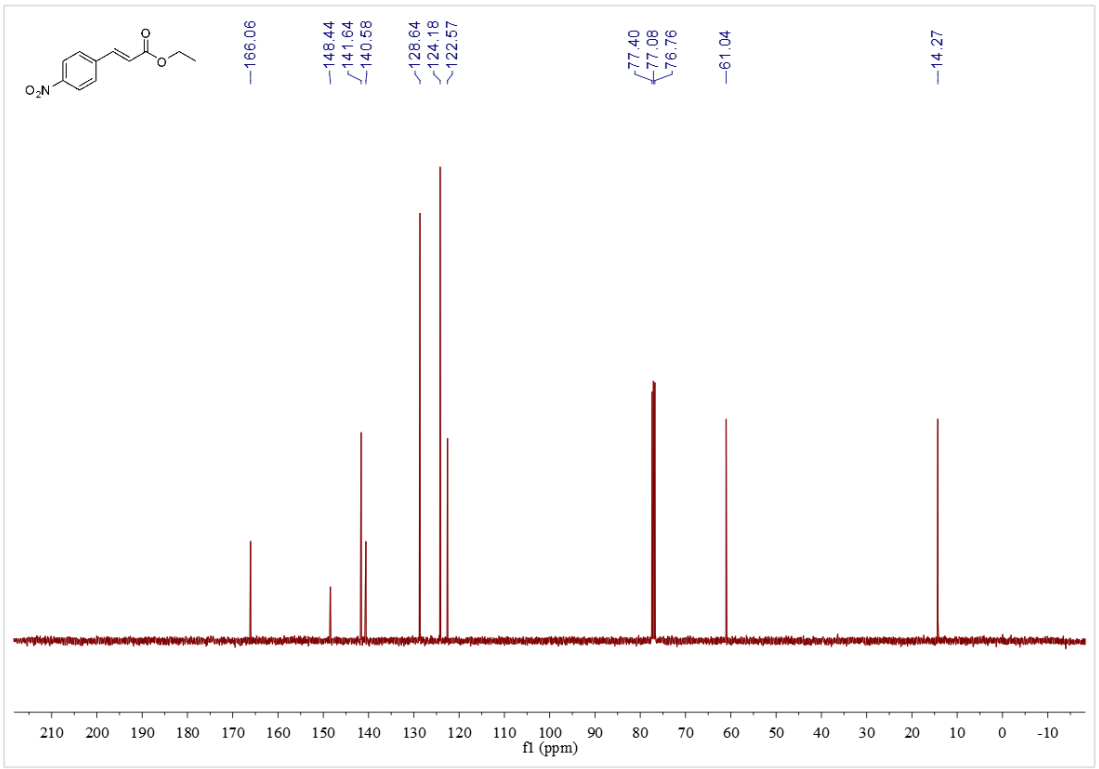
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 3f



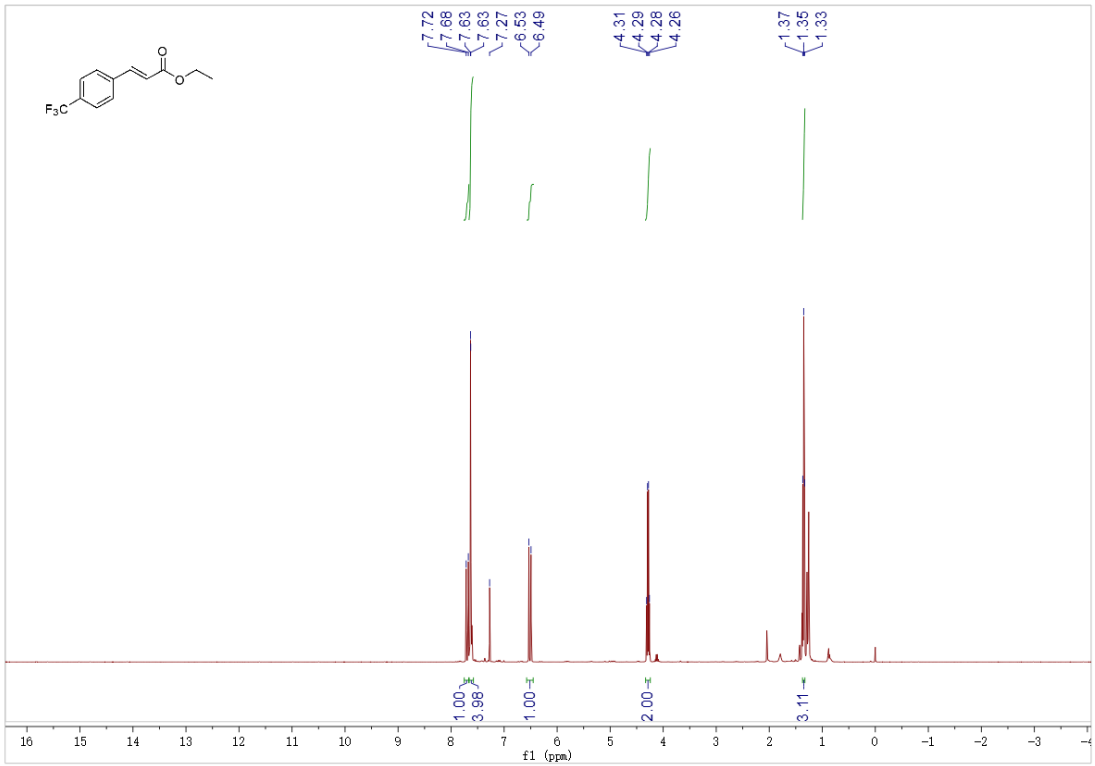
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3g



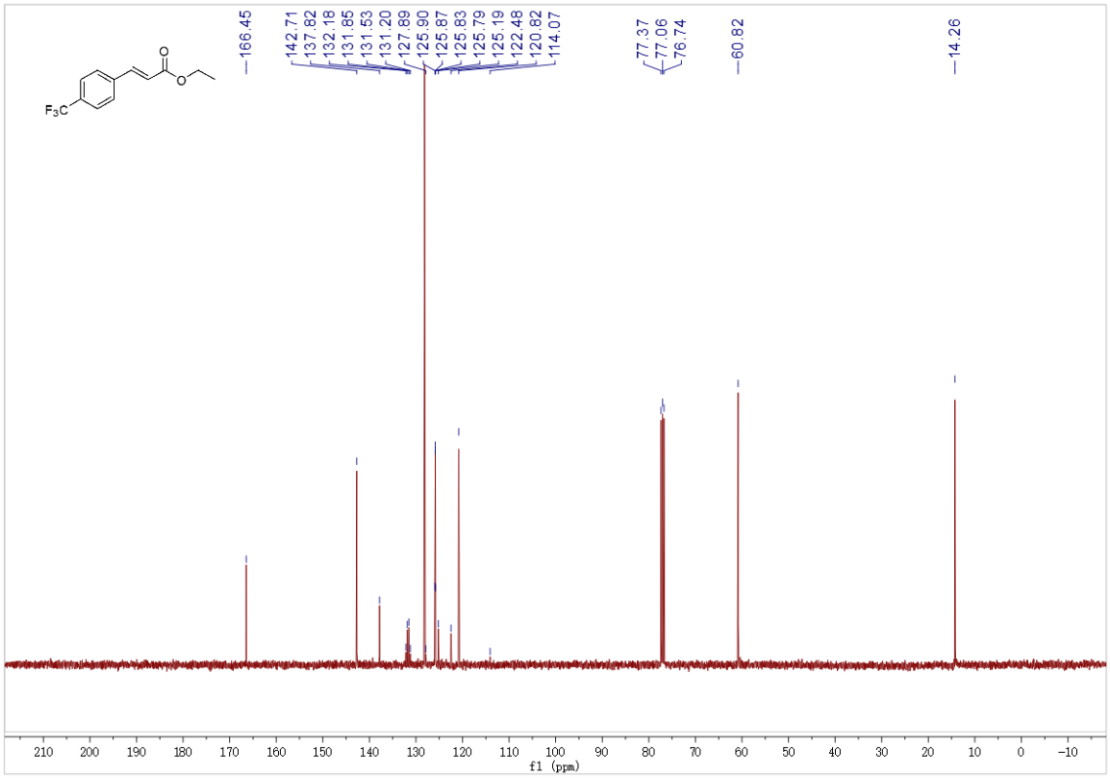
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 3g



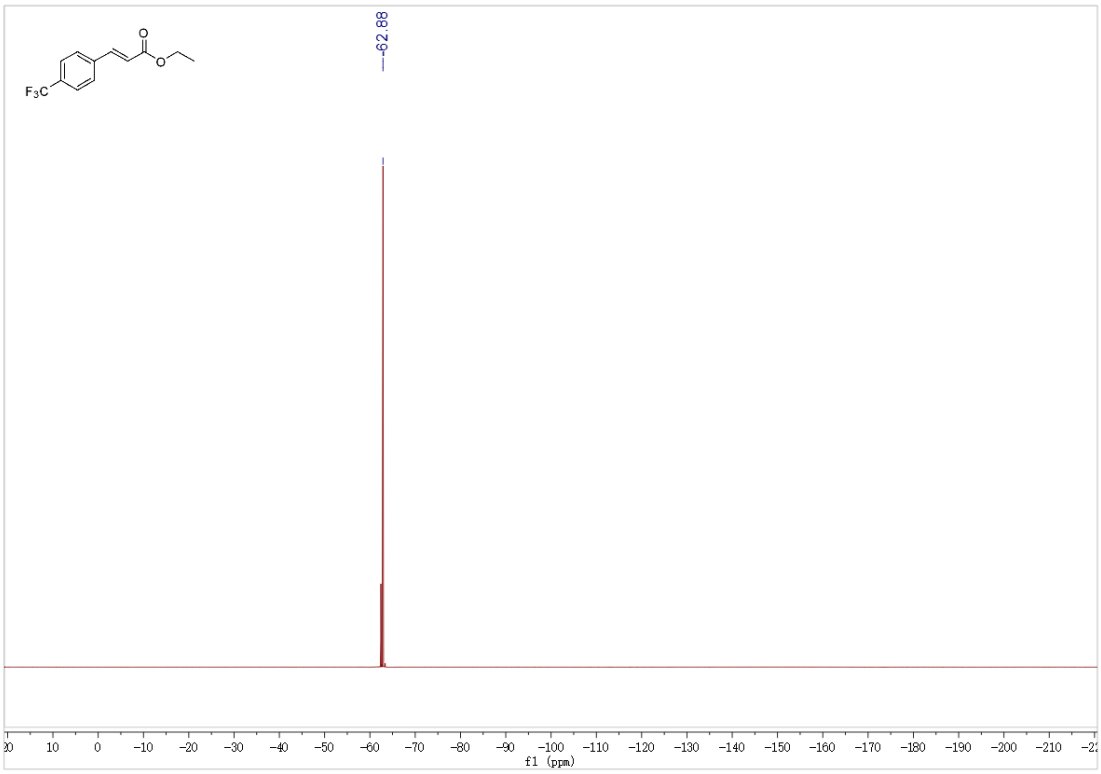
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3h



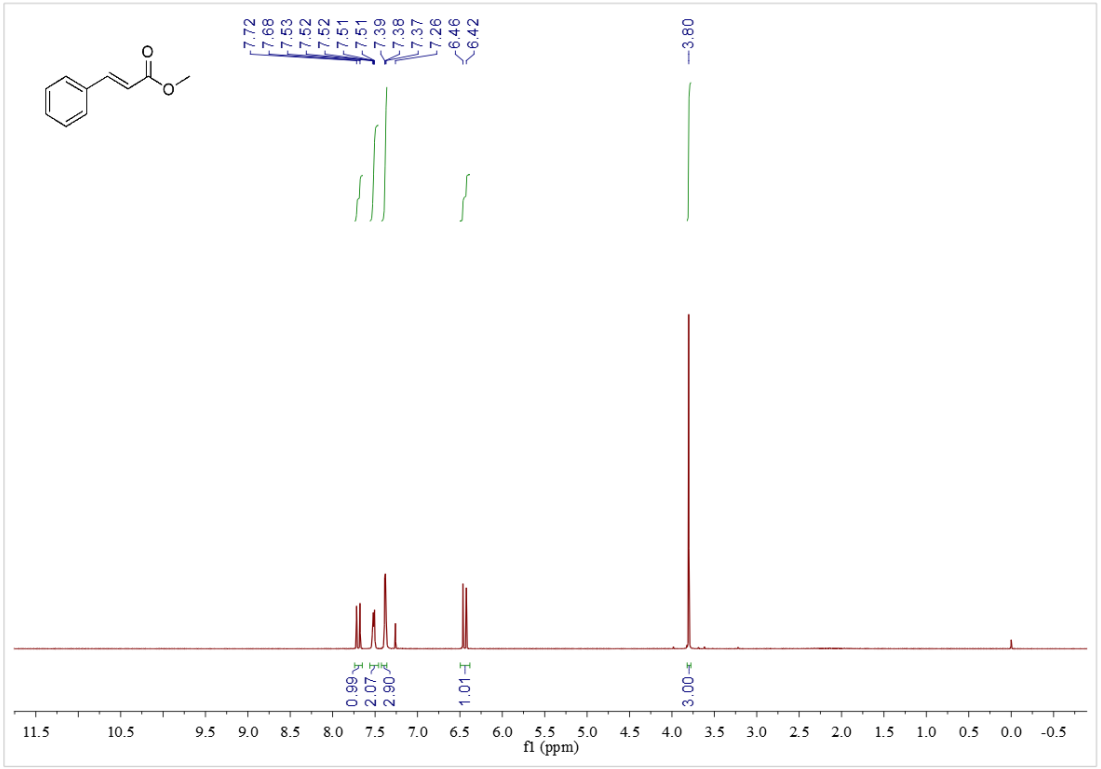
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 3h



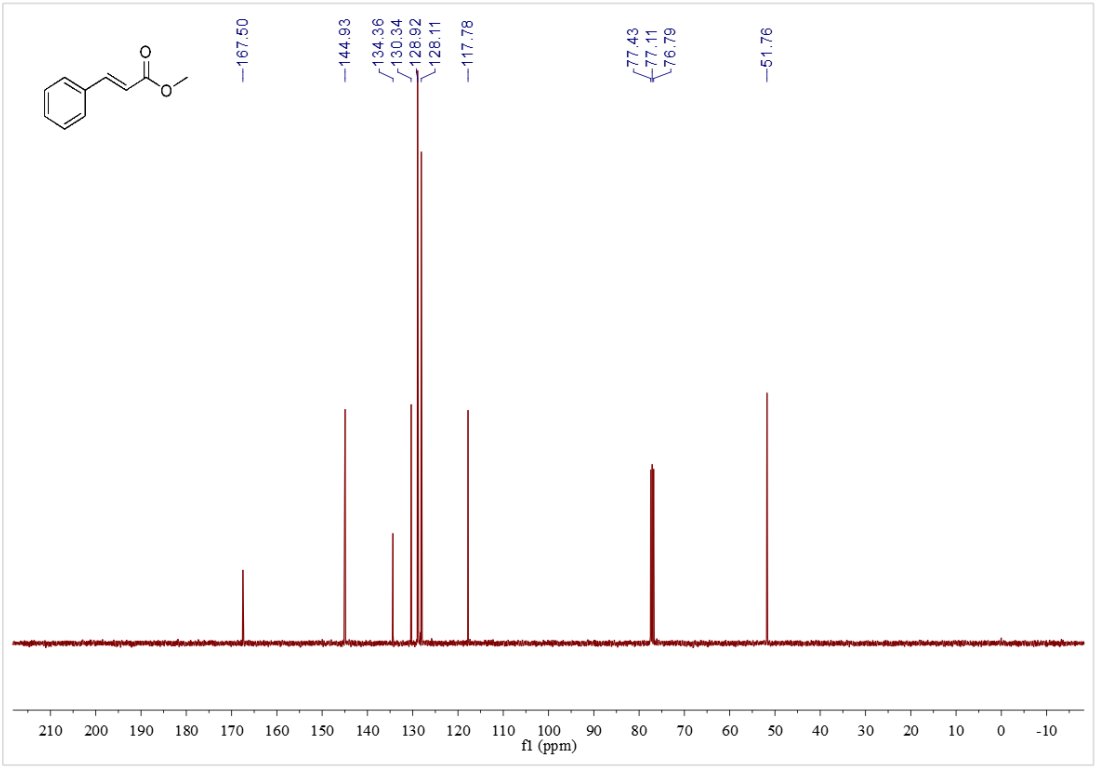
^{19}F NMR spectrum (377 MHz, $CDCl_3$) of compound 3h



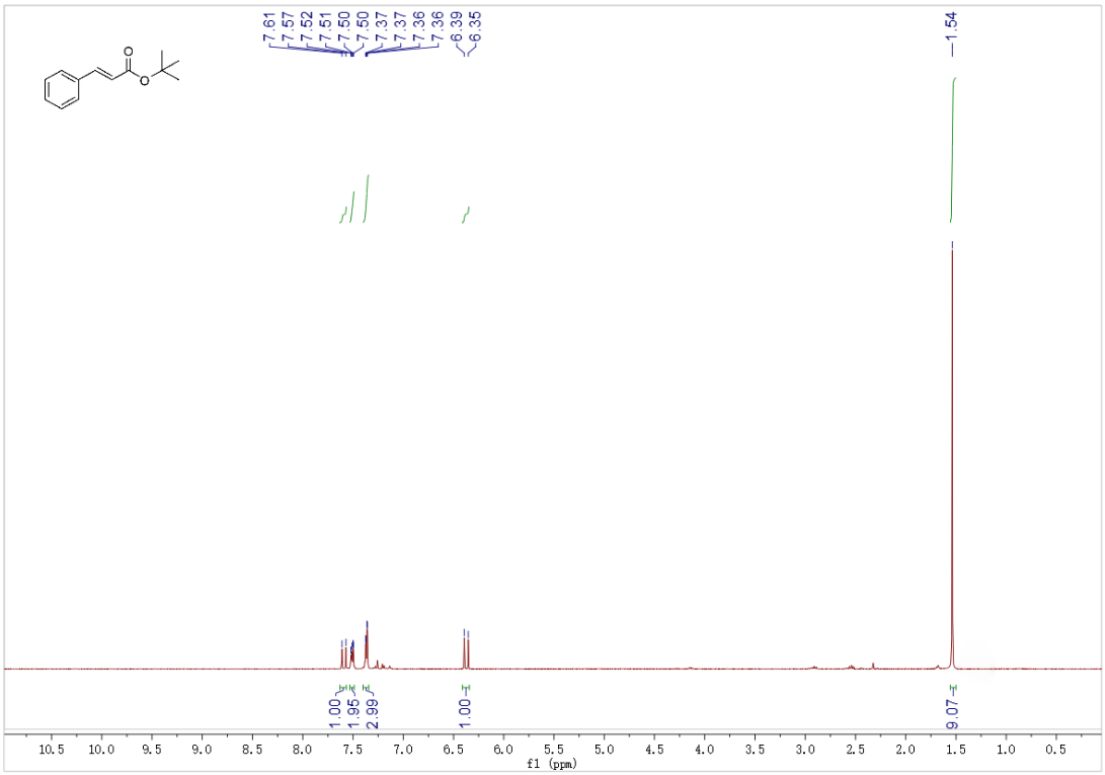
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3i



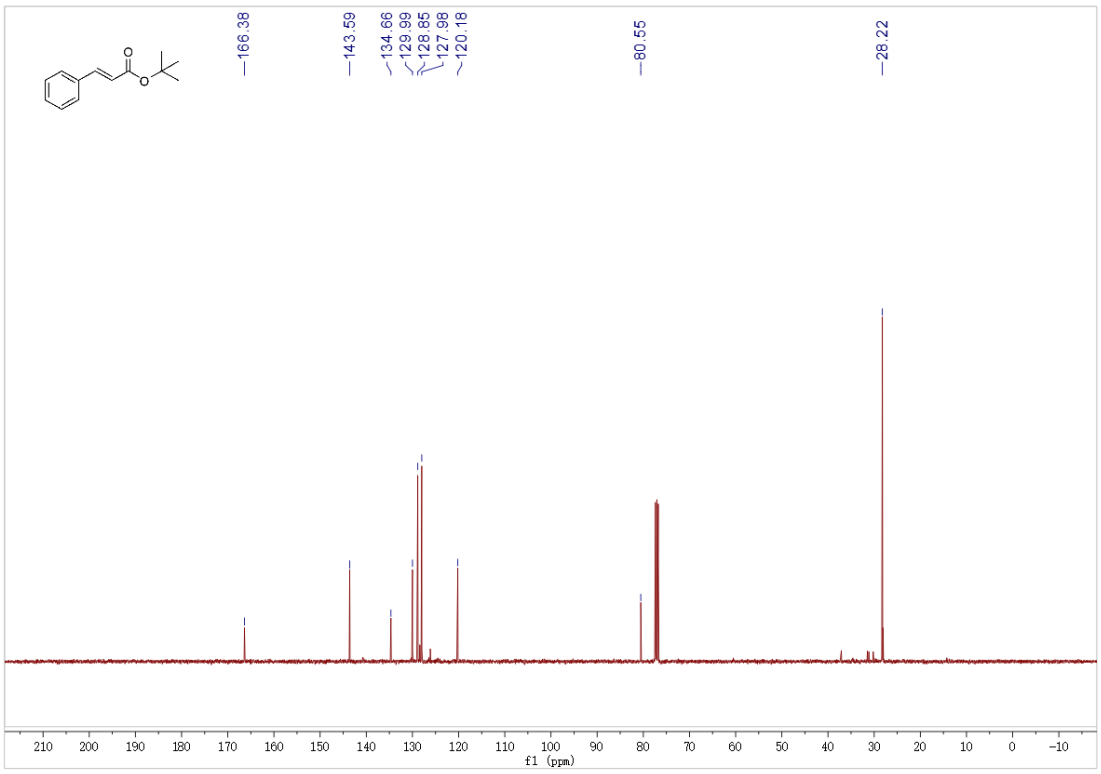
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 3i



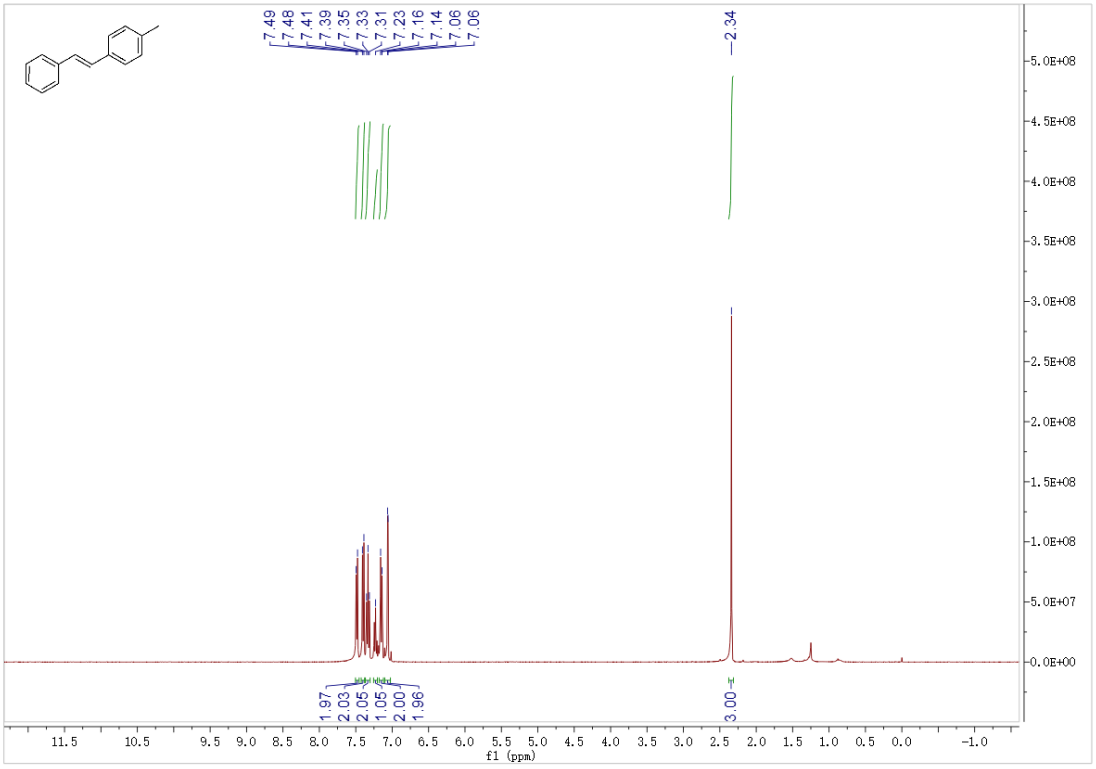
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3j



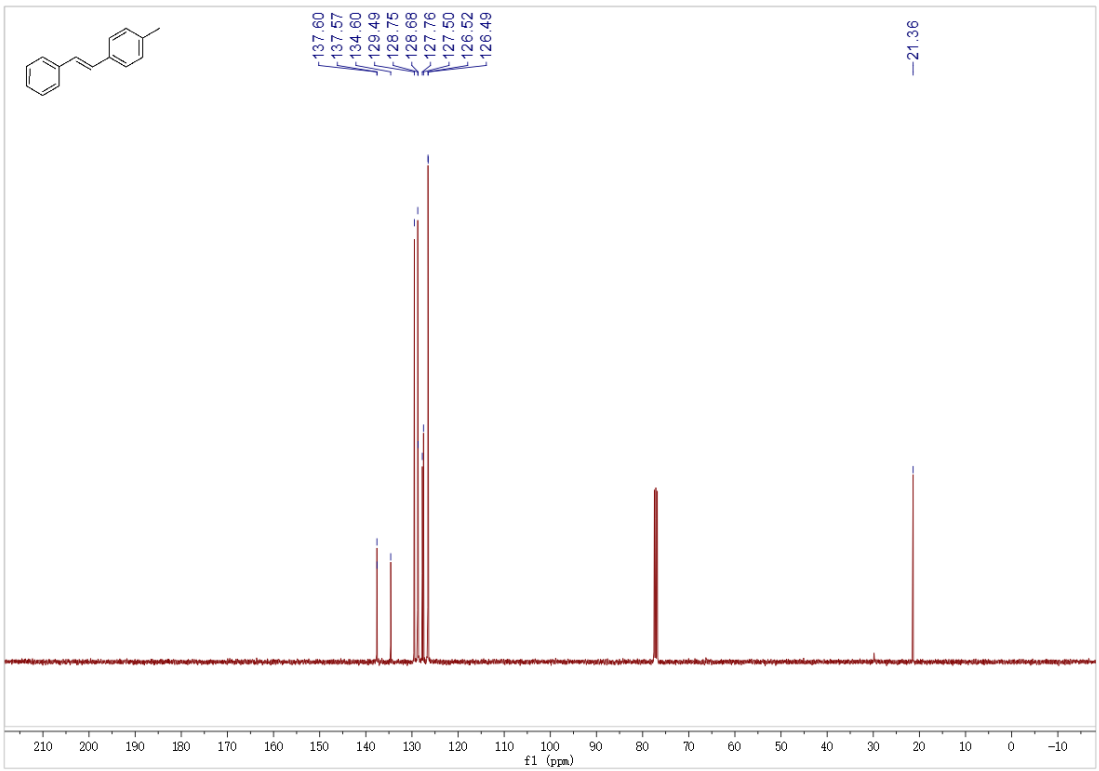
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 3j



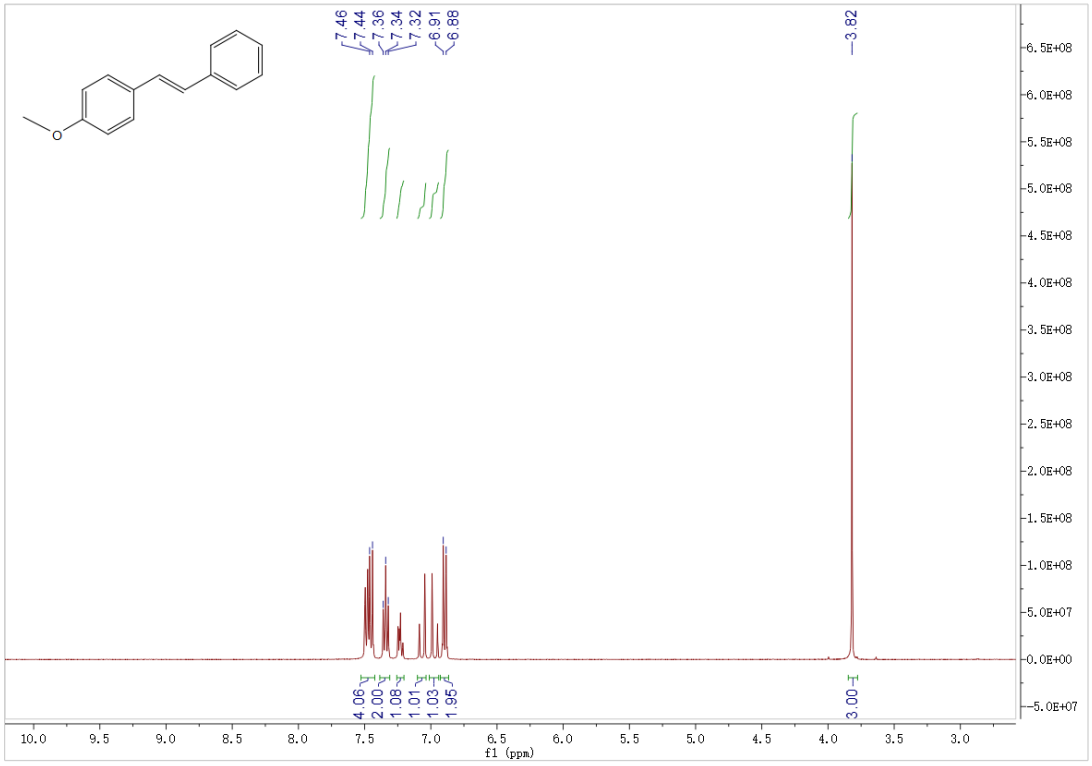
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3k



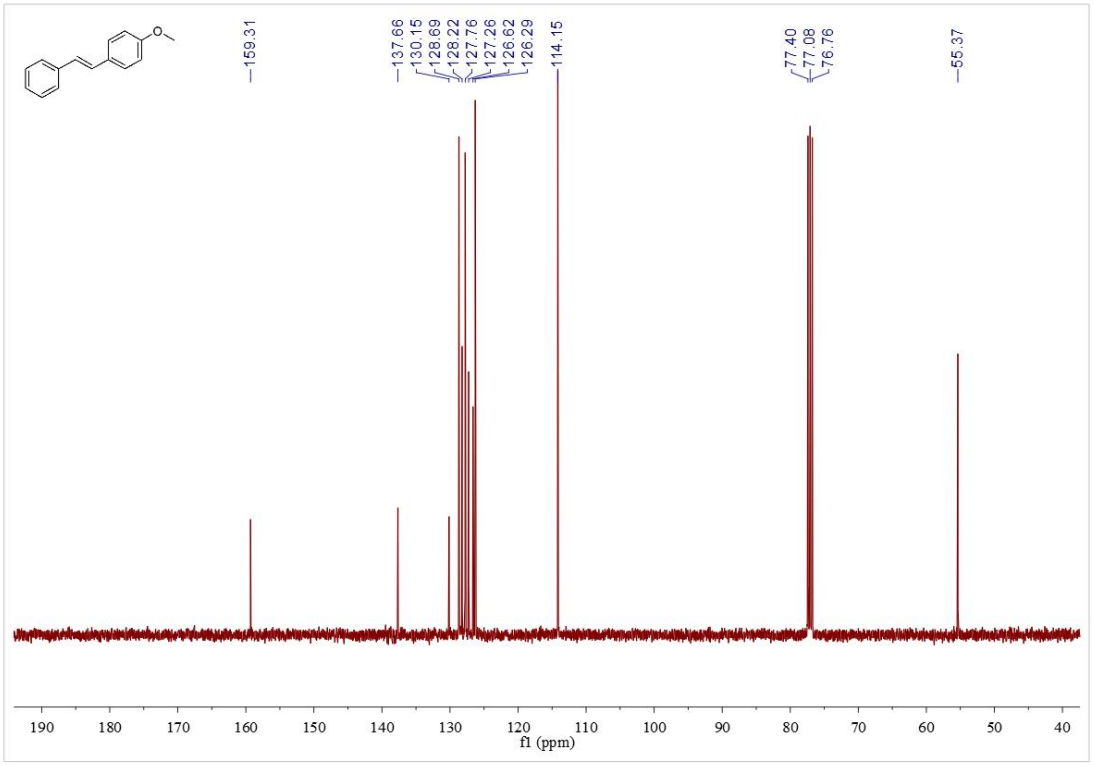
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 3k



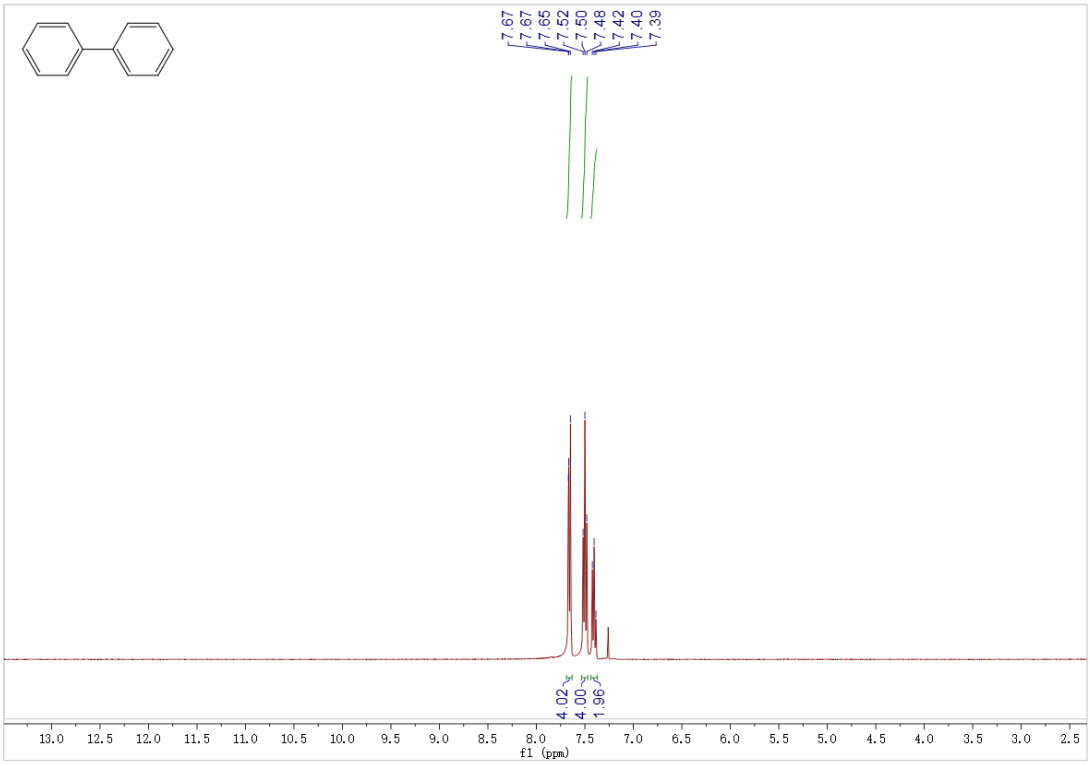
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 3l



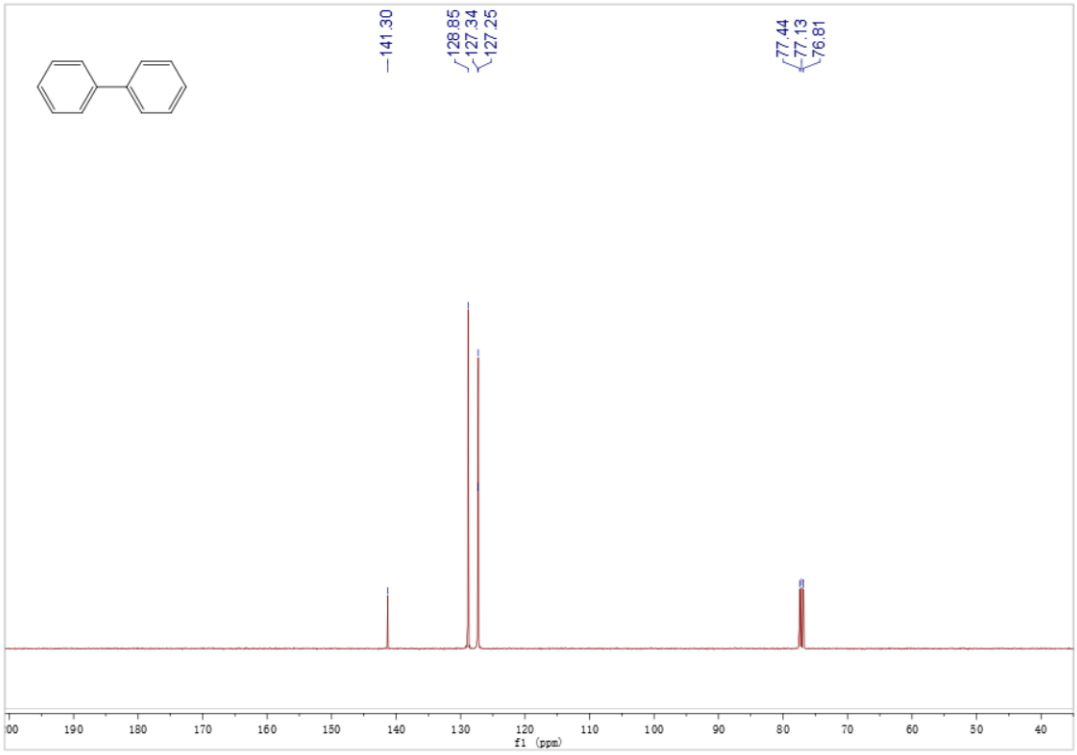
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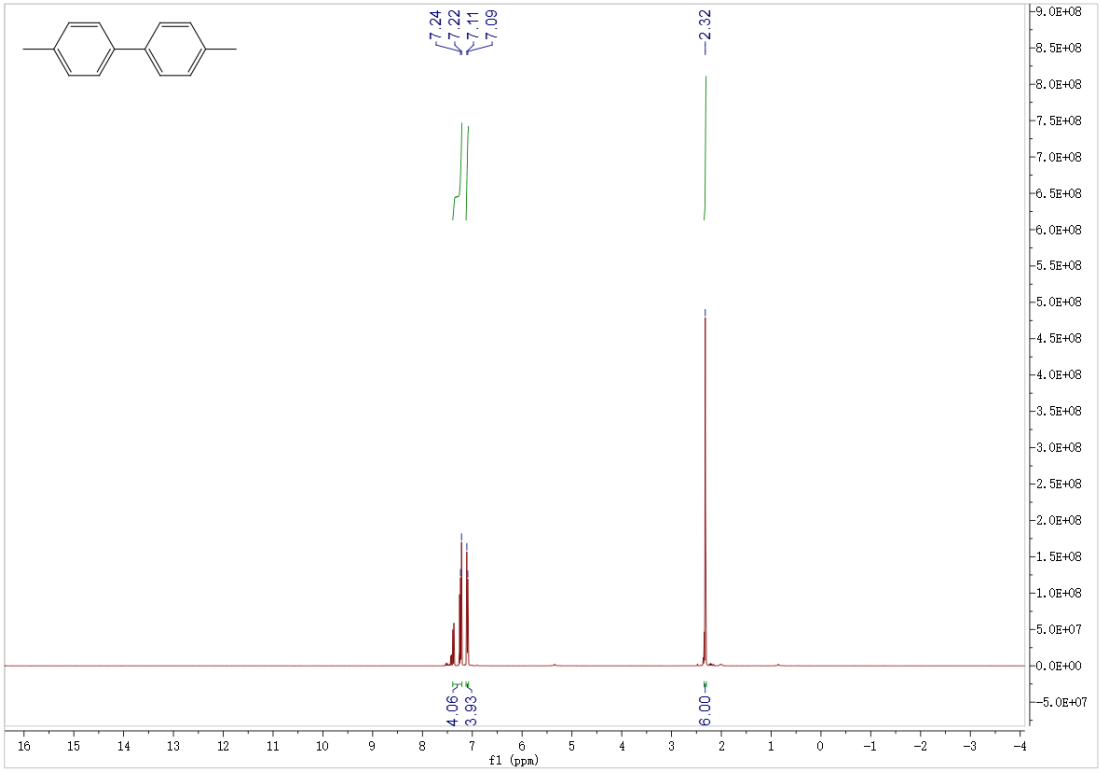
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 4a



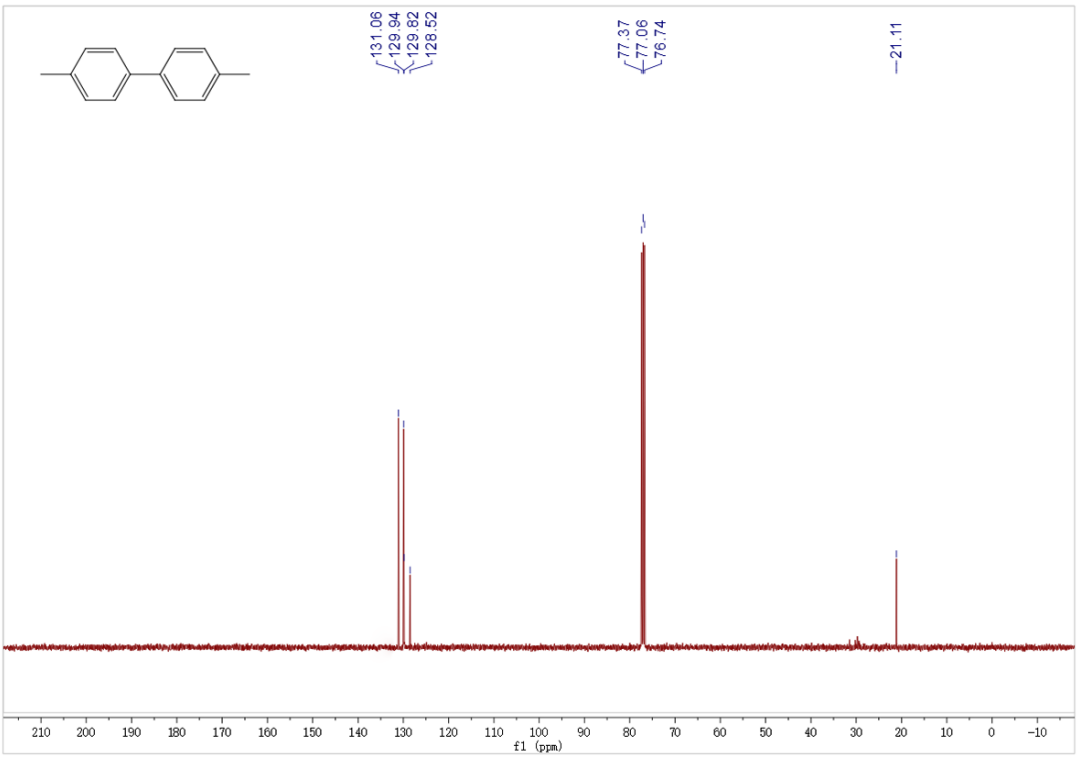
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 4a



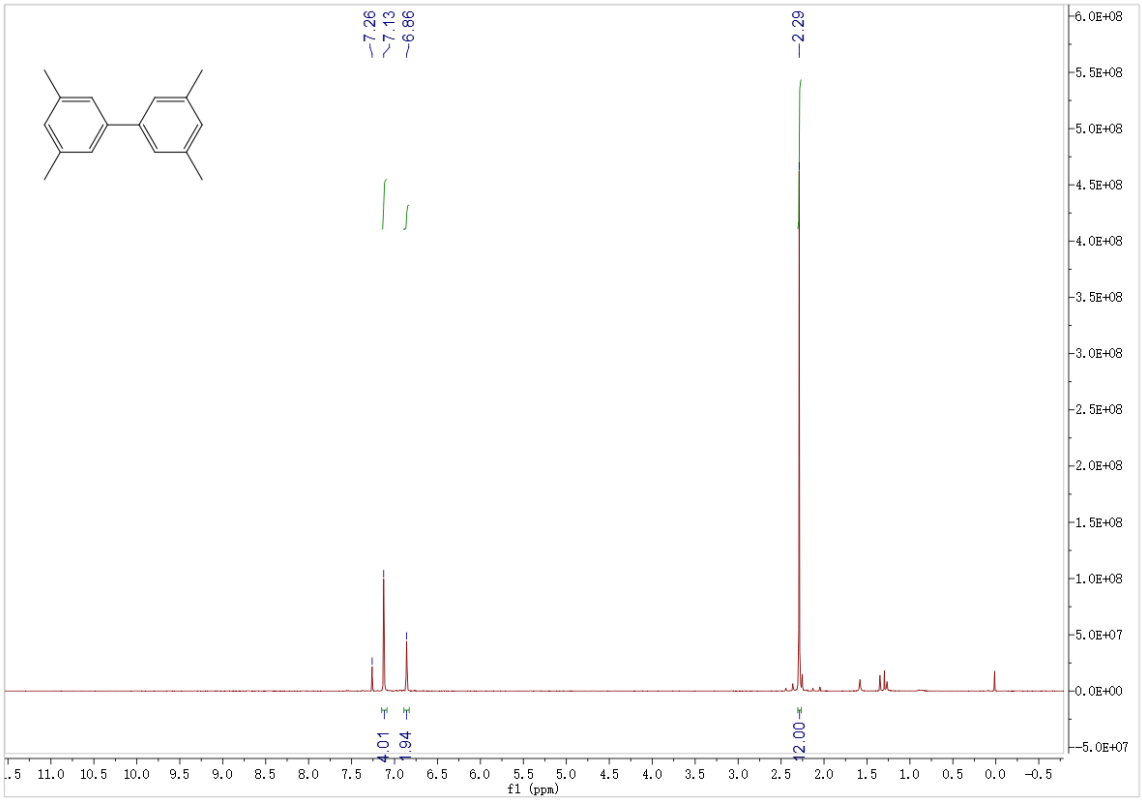
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 4b



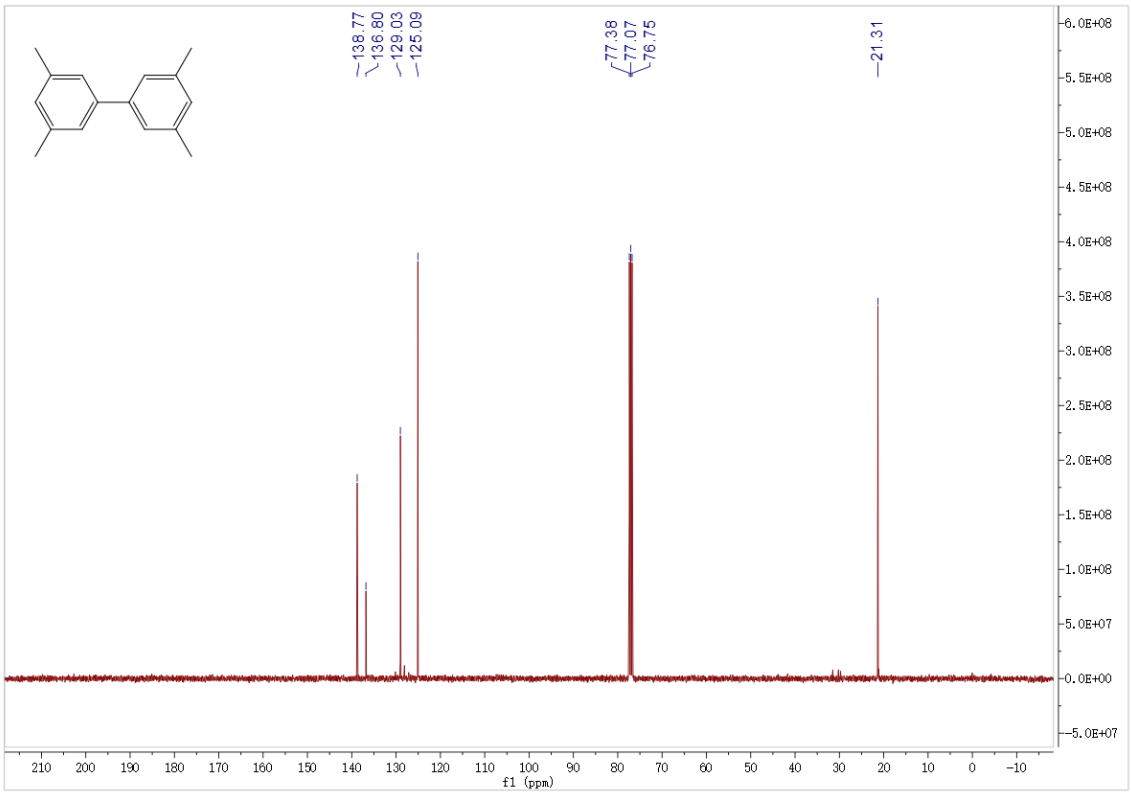
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 4b



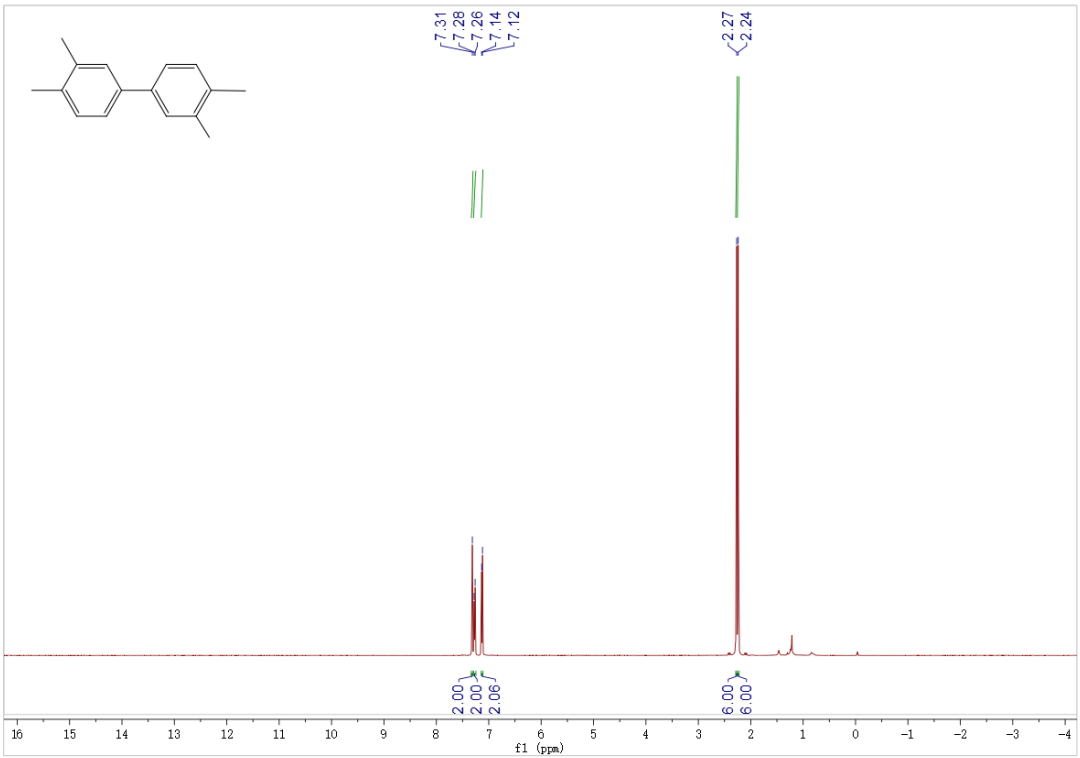
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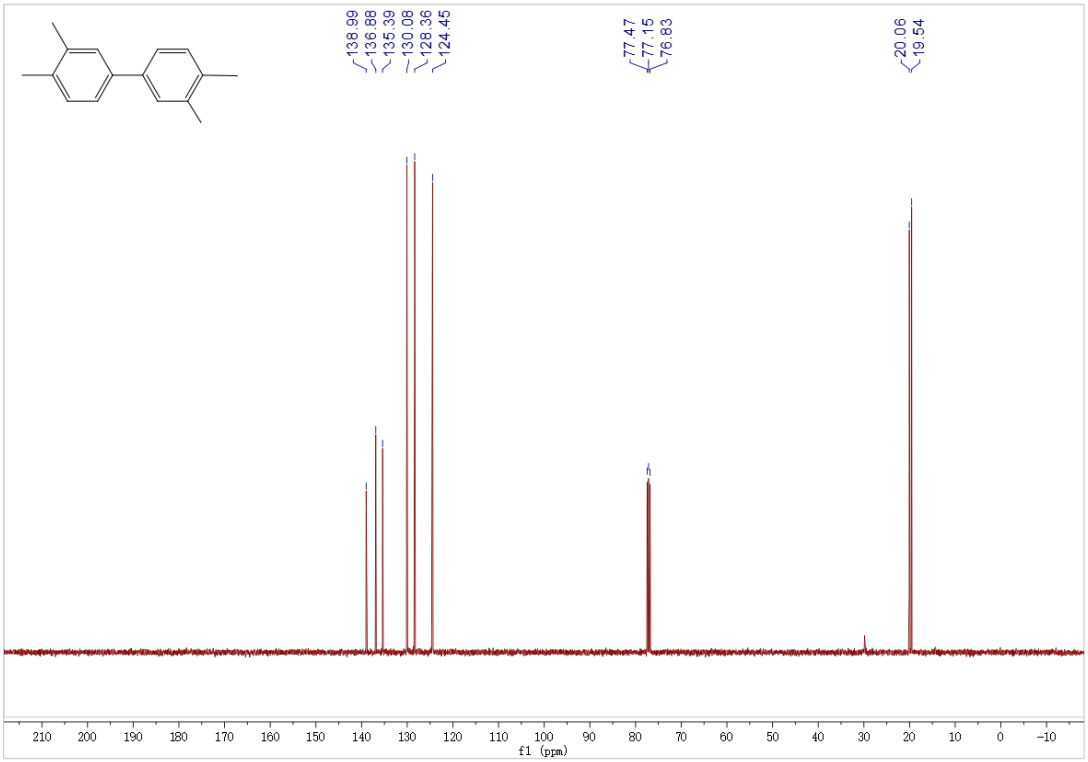
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 4c



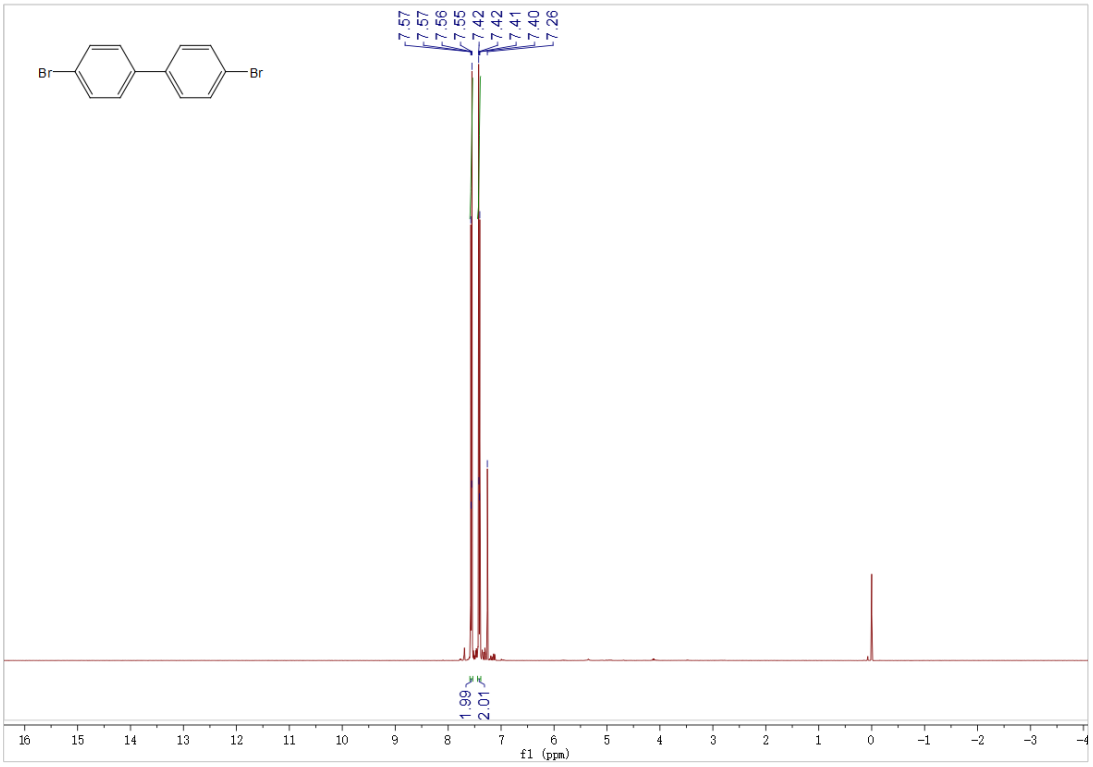
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 4d



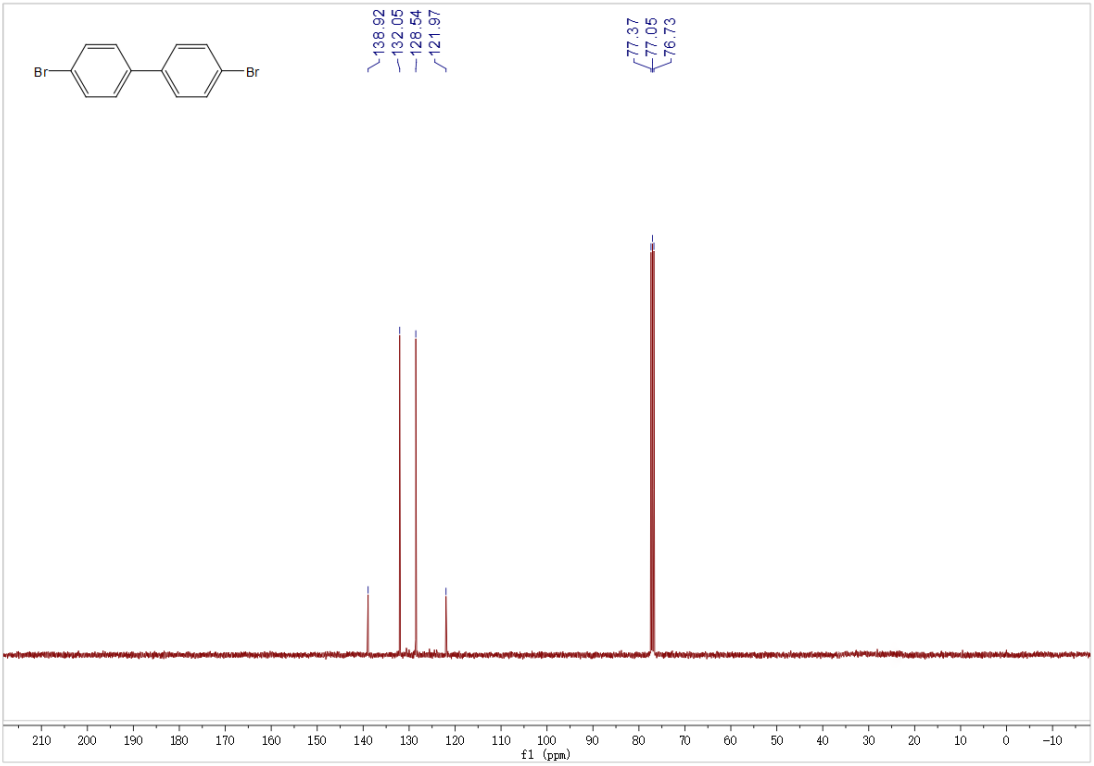
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 4d



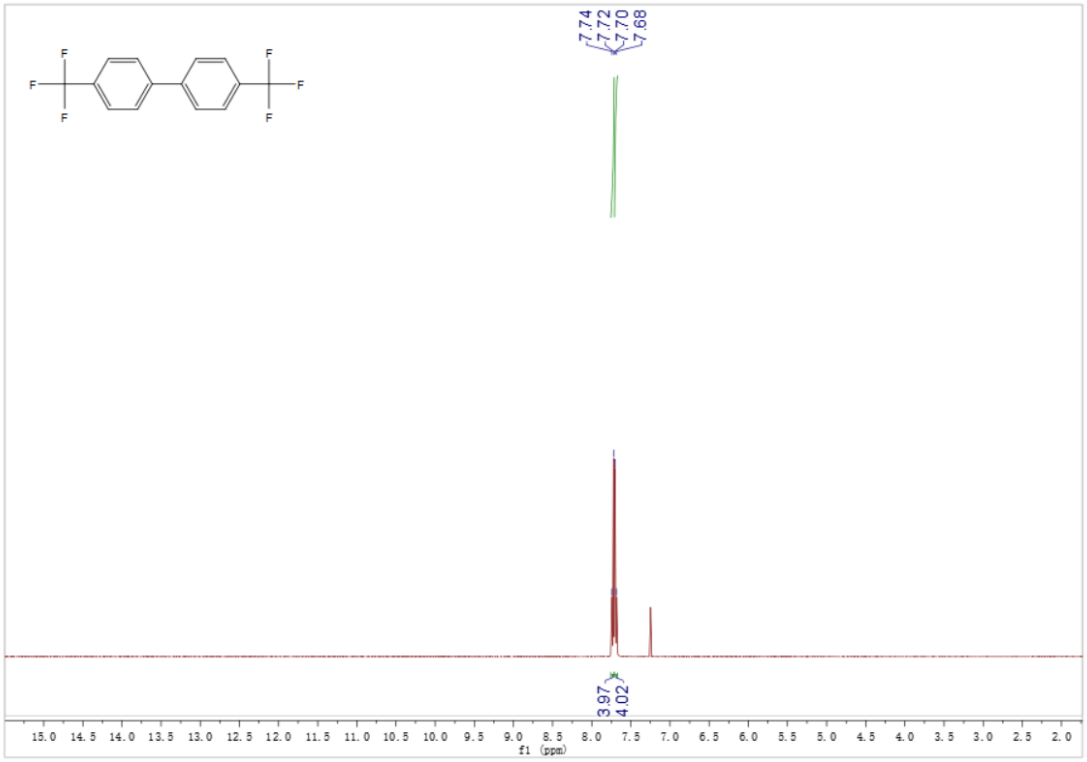
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 4e



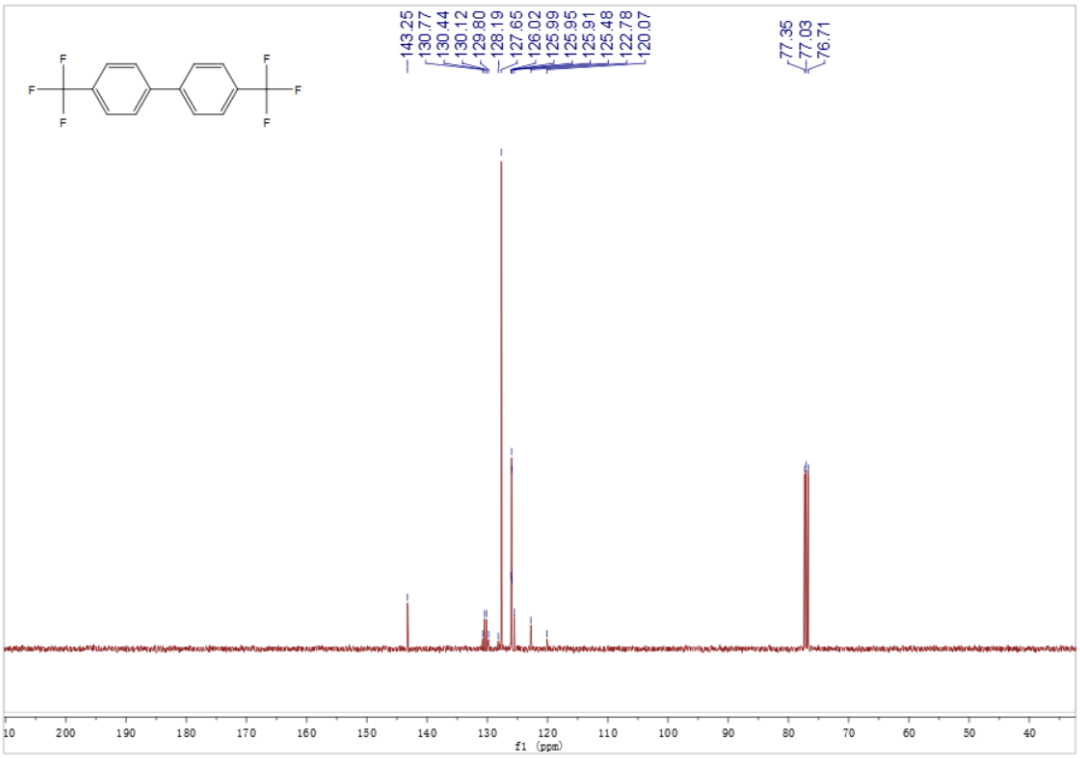
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 4e



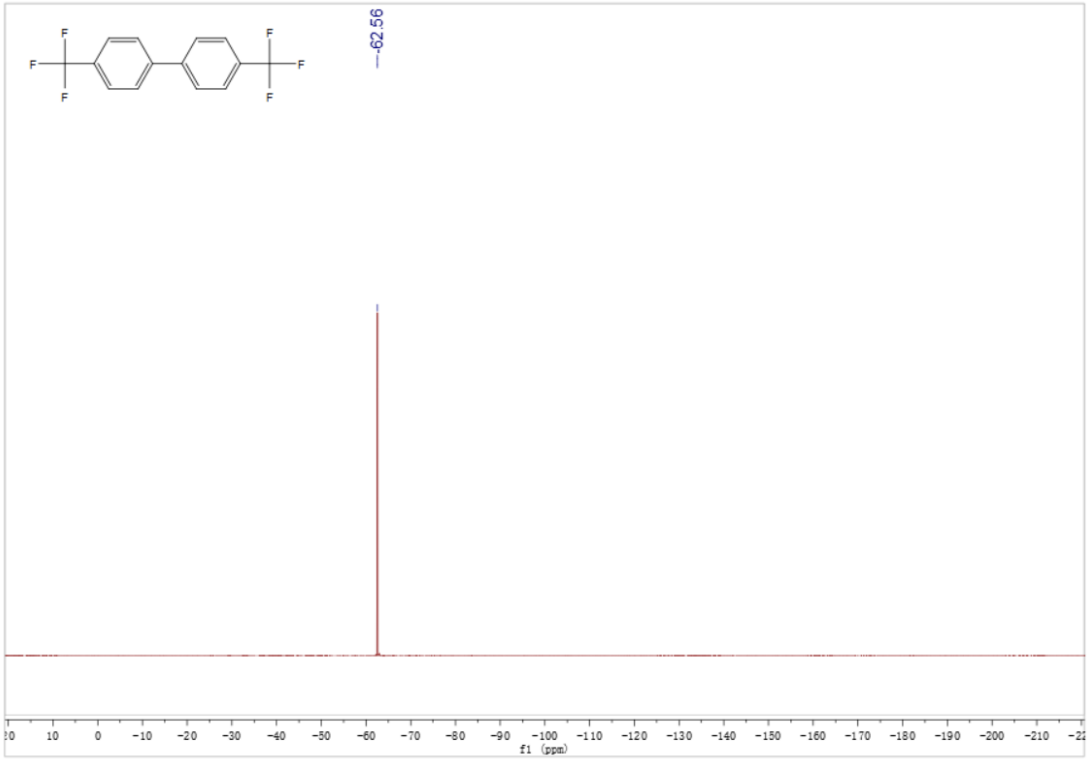
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 4f



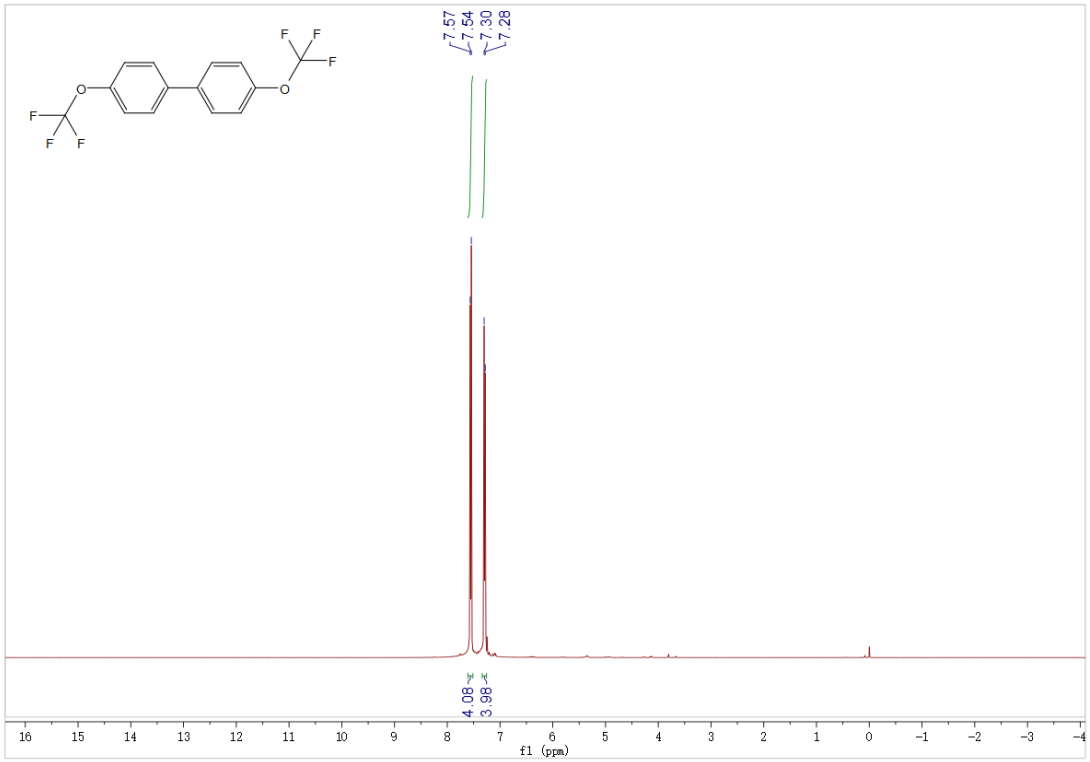
^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 4f



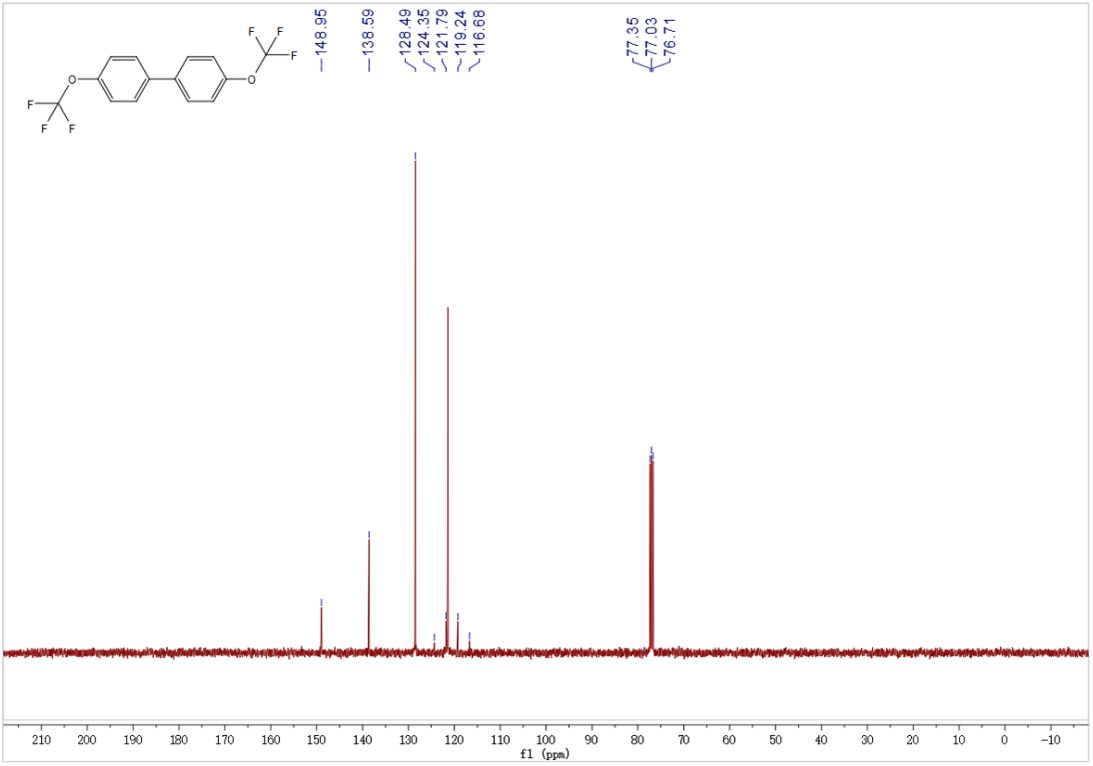
^{19}F NMR spectrum (377 MHz, $CDCl_3$) of compound 4f



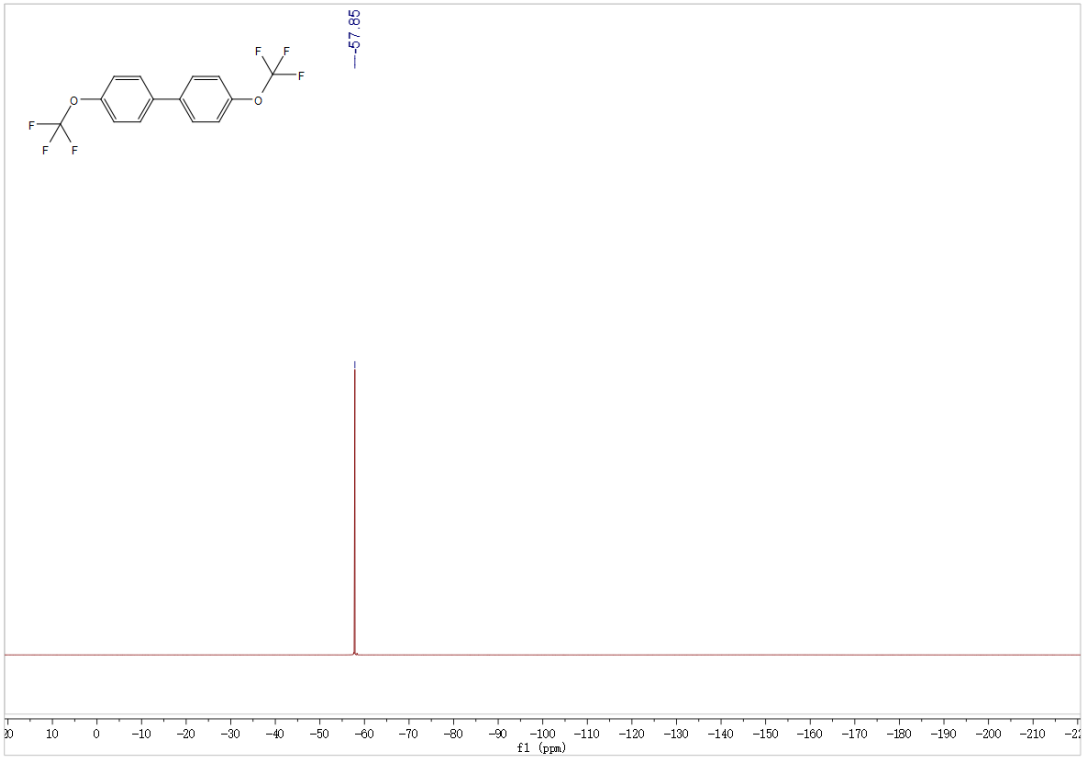
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound 4g



^{13}C NMR spectrum (101 MHz, $CDCl_3$) of compound 4g



^{19}F NMR spectrum (377 MHz, $CDCl_3$) of compound


-57.85
F
F
F
O
O
F
F
F
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