

Supporting Information

Ruthenium(II)-catalysed selective C(sp²)-H bond benzylation of biologically appealing *N*-arylisindolinones

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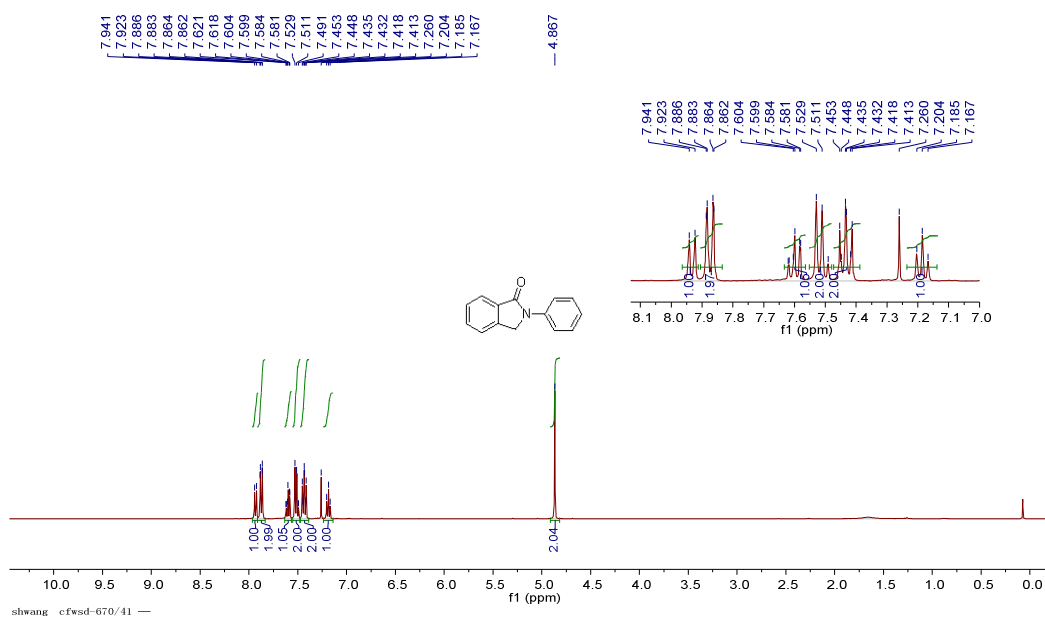
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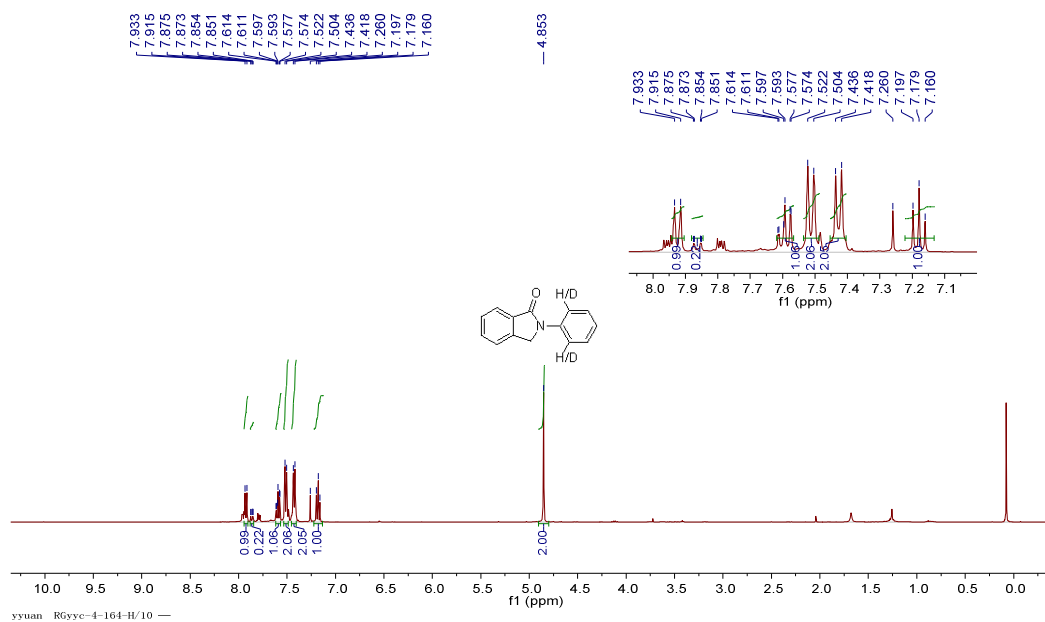
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1. NMR spectra for deuteration experiments.

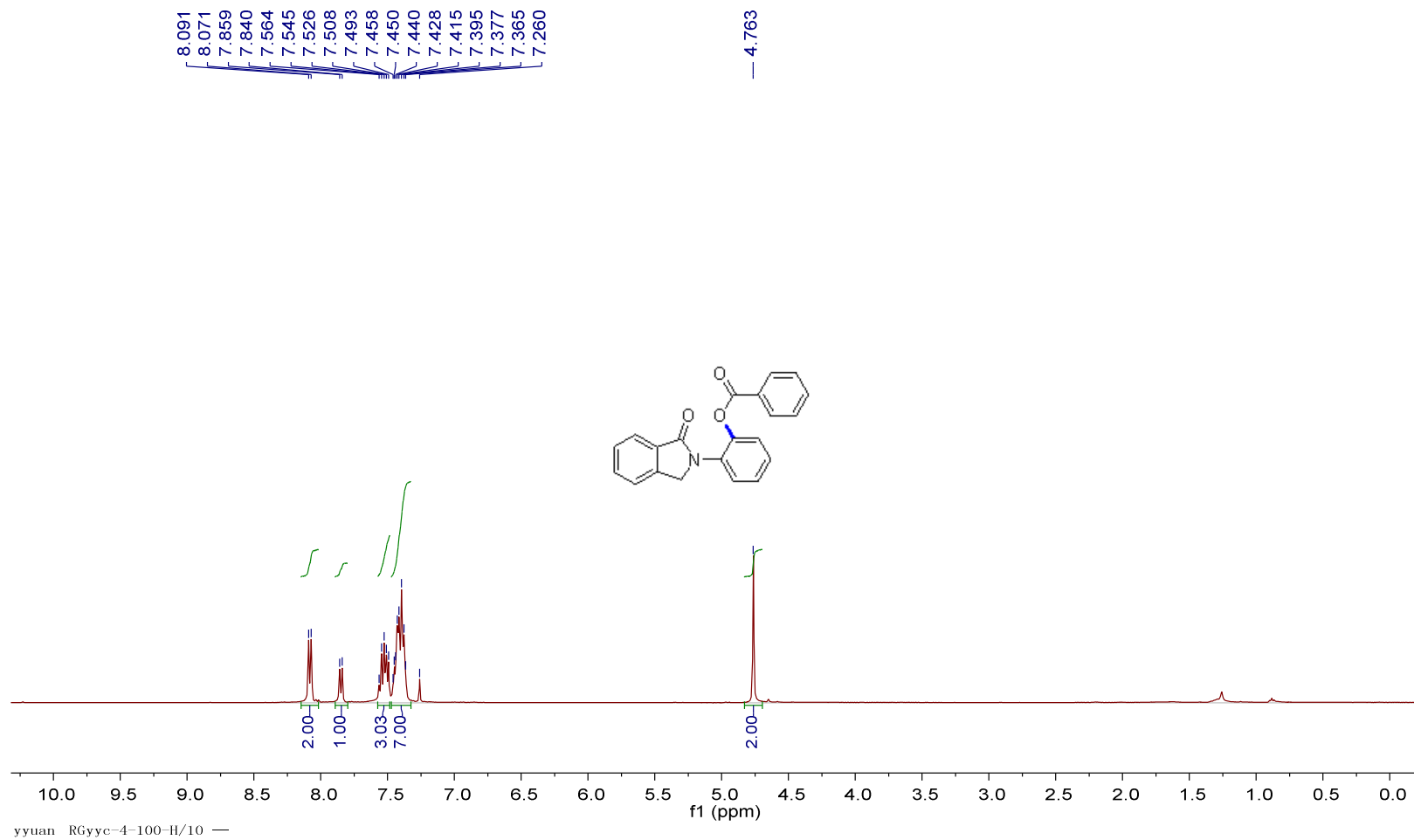


¹H NMR (CDCl₃) spectrum of **1a** in a reaction without using D₂O.

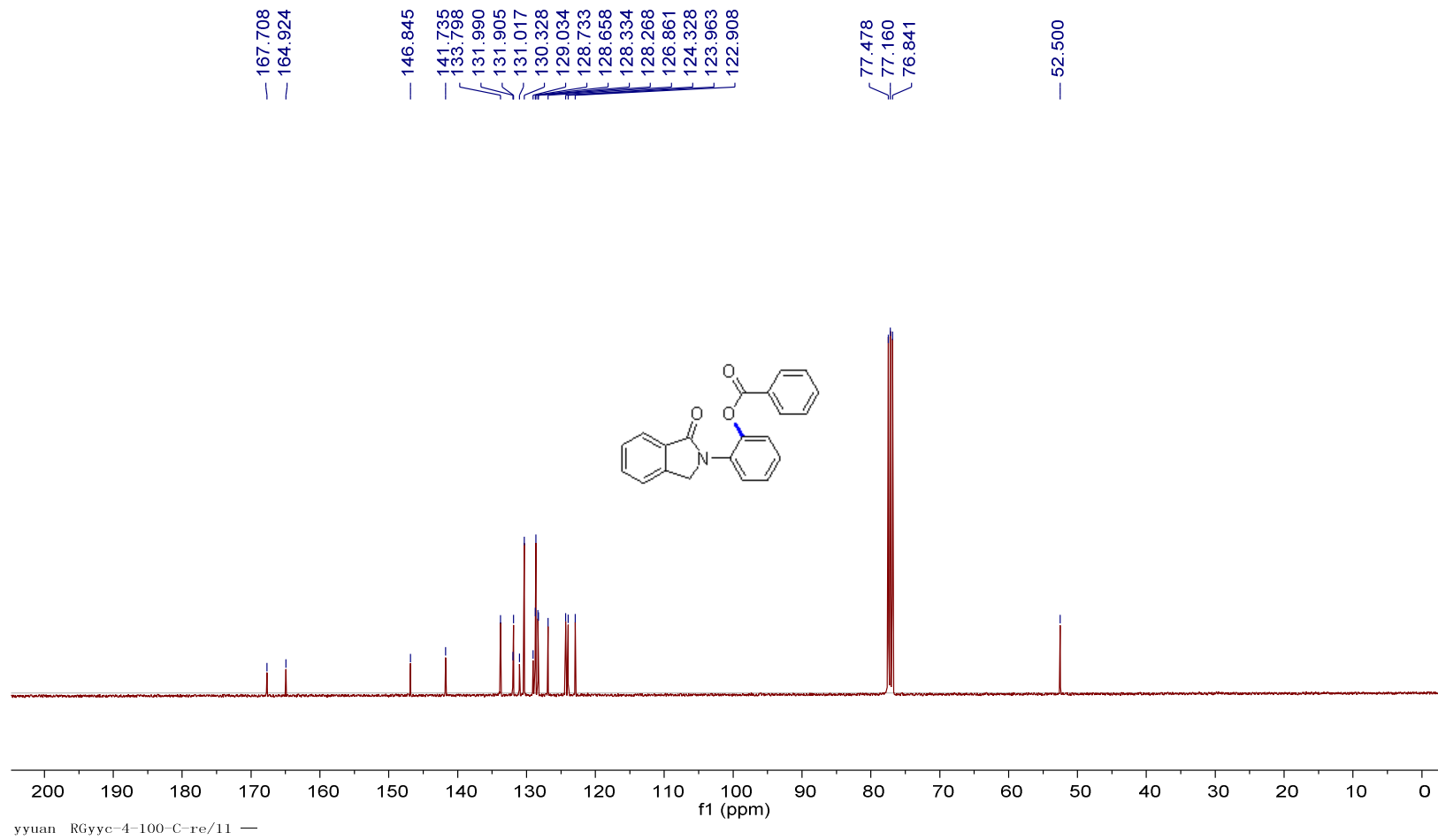


¹H NMR (CDCl₃) spectrum of **1a-d** showing low intensity of the peak at 7.86 ppm.

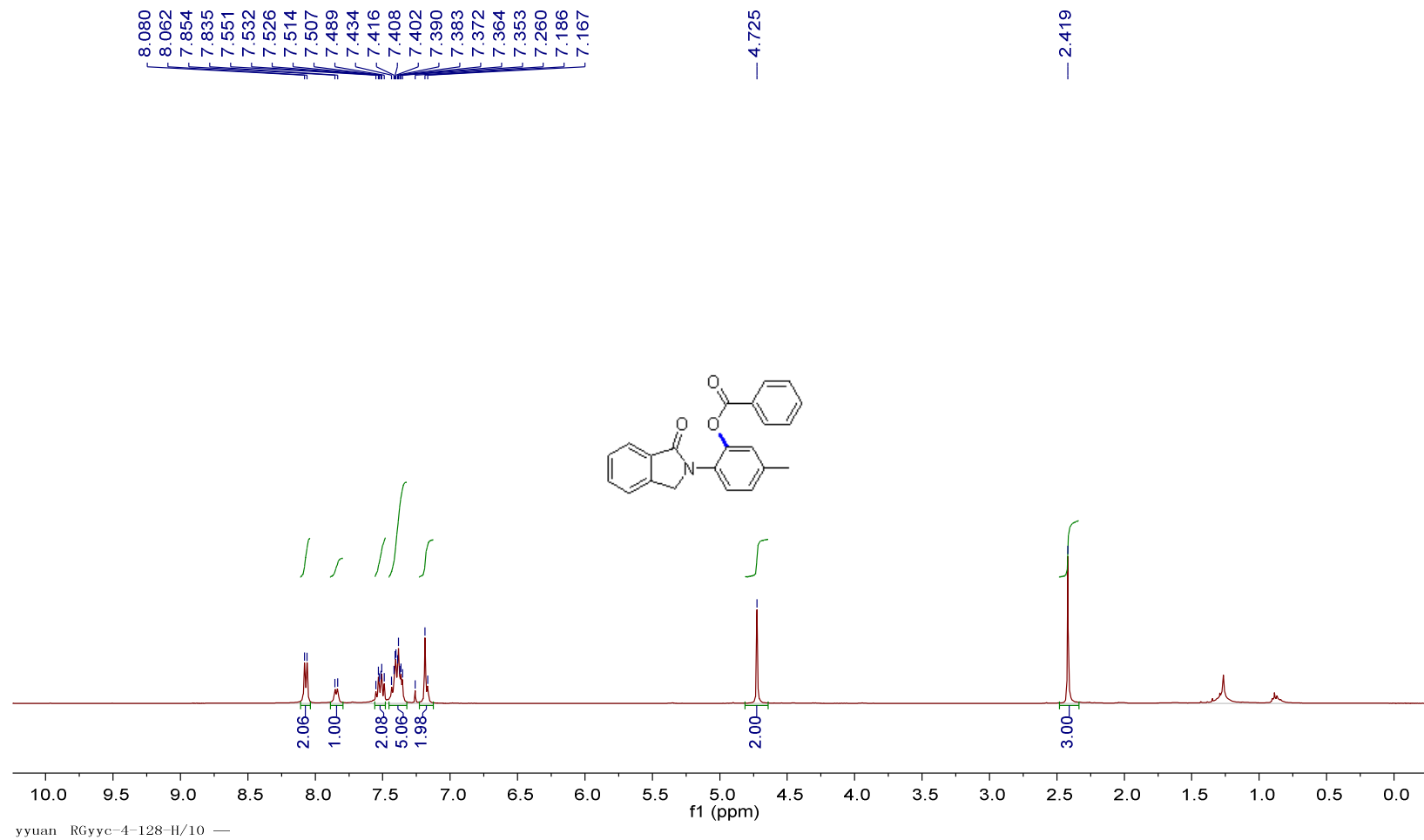
2. NMR spectra of new compounds.



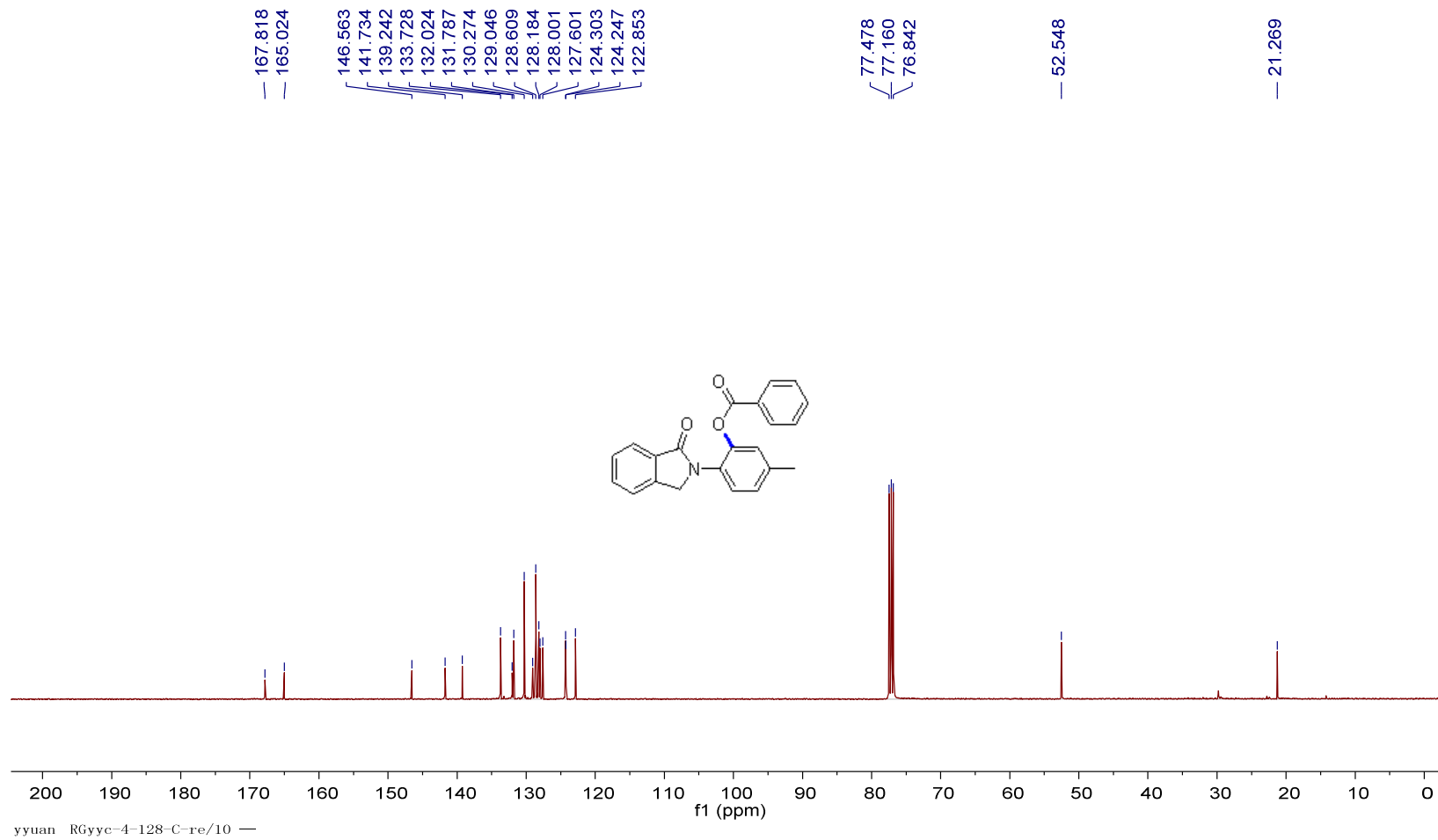
¹H NMR spectrum of **2a**.



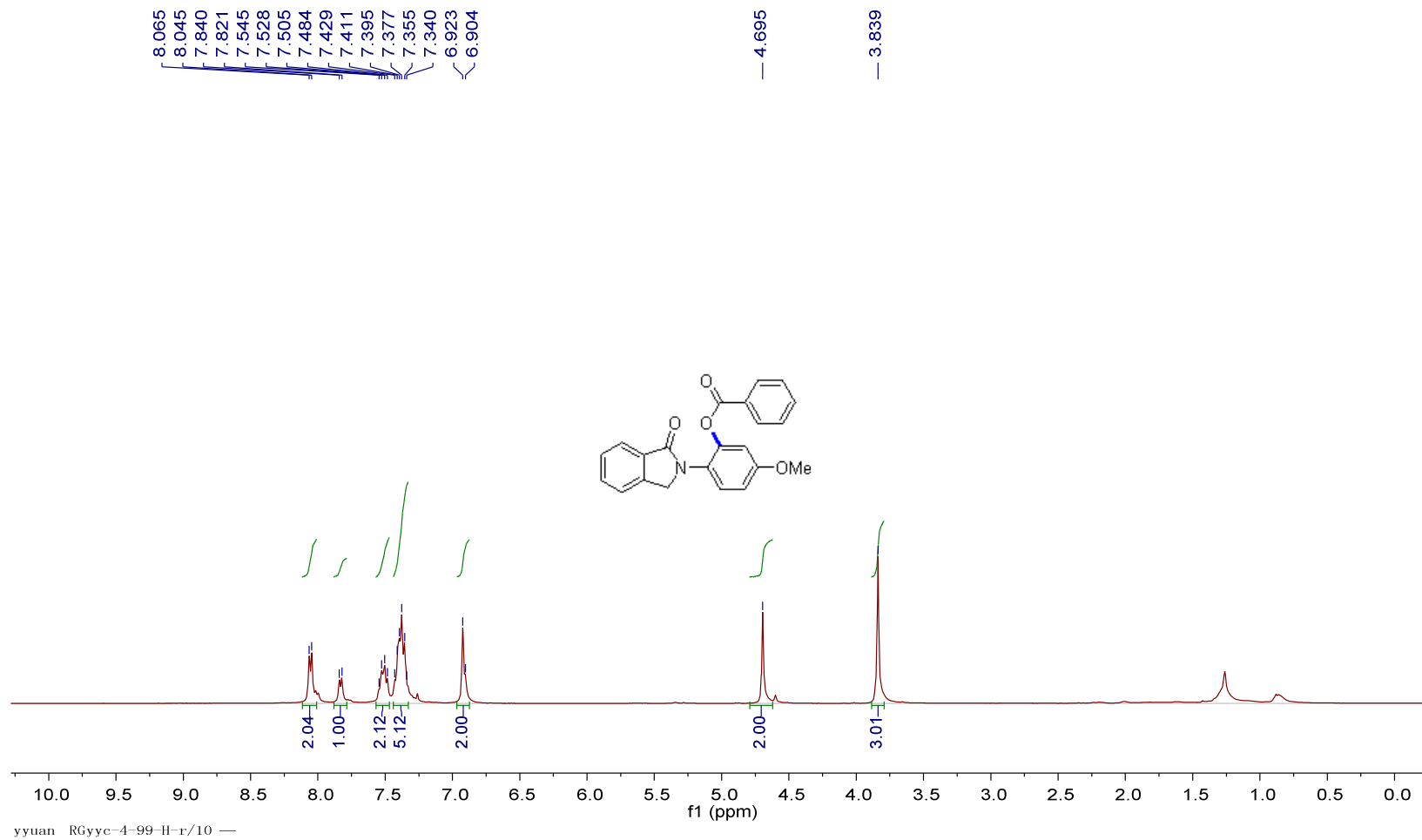
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2a**.



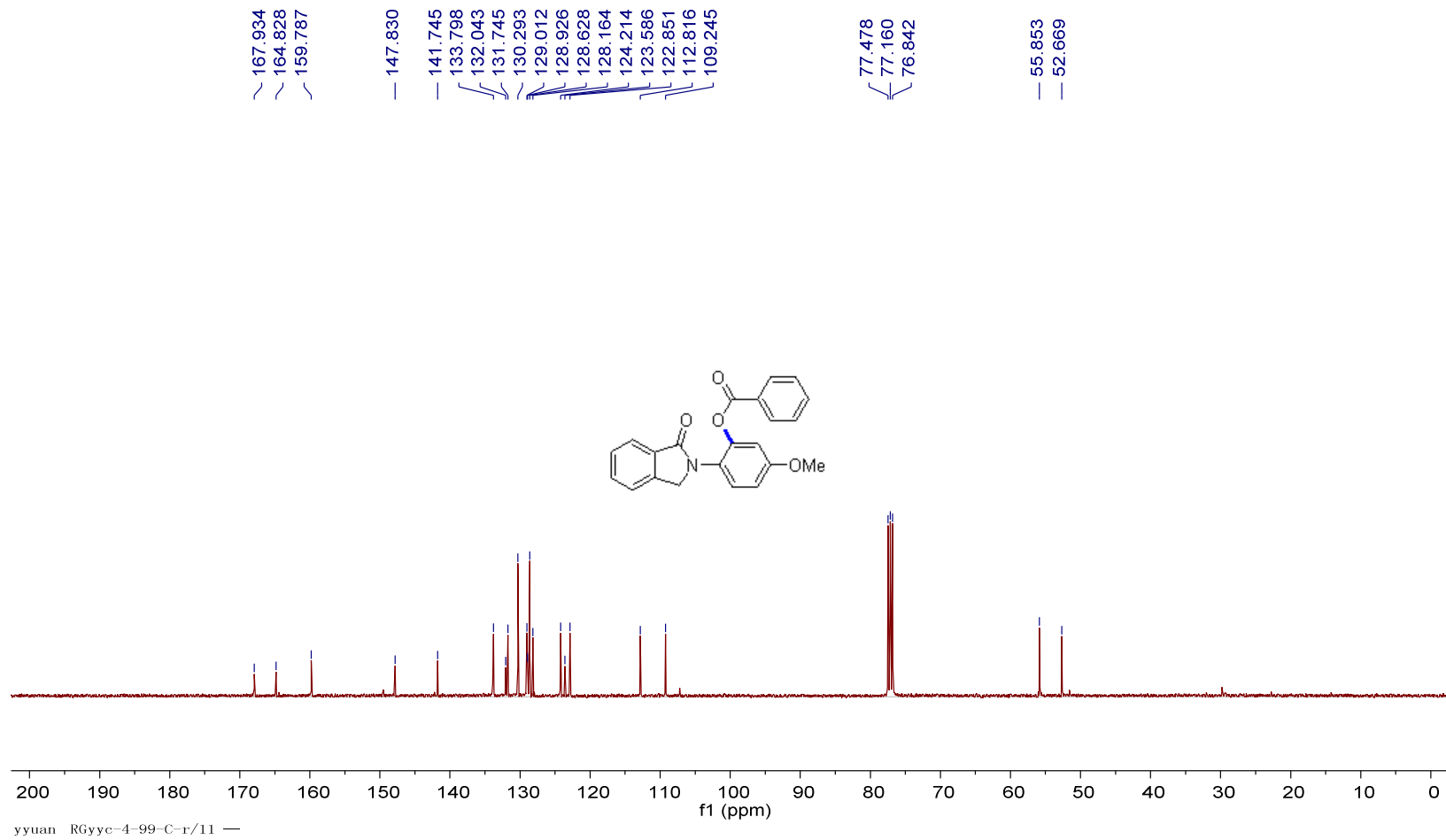
¹H NMR spectrum of **2b**.



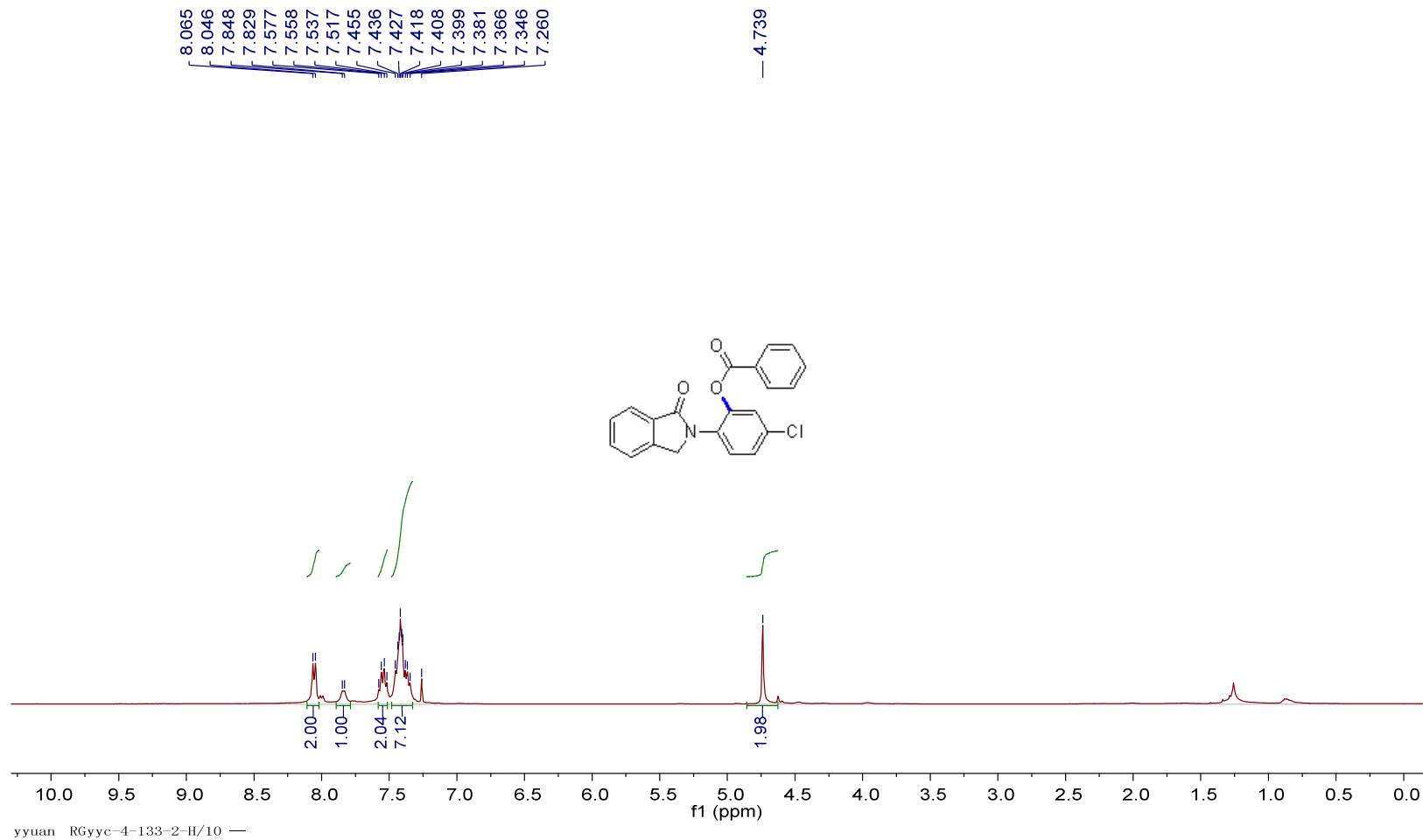
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2b**.



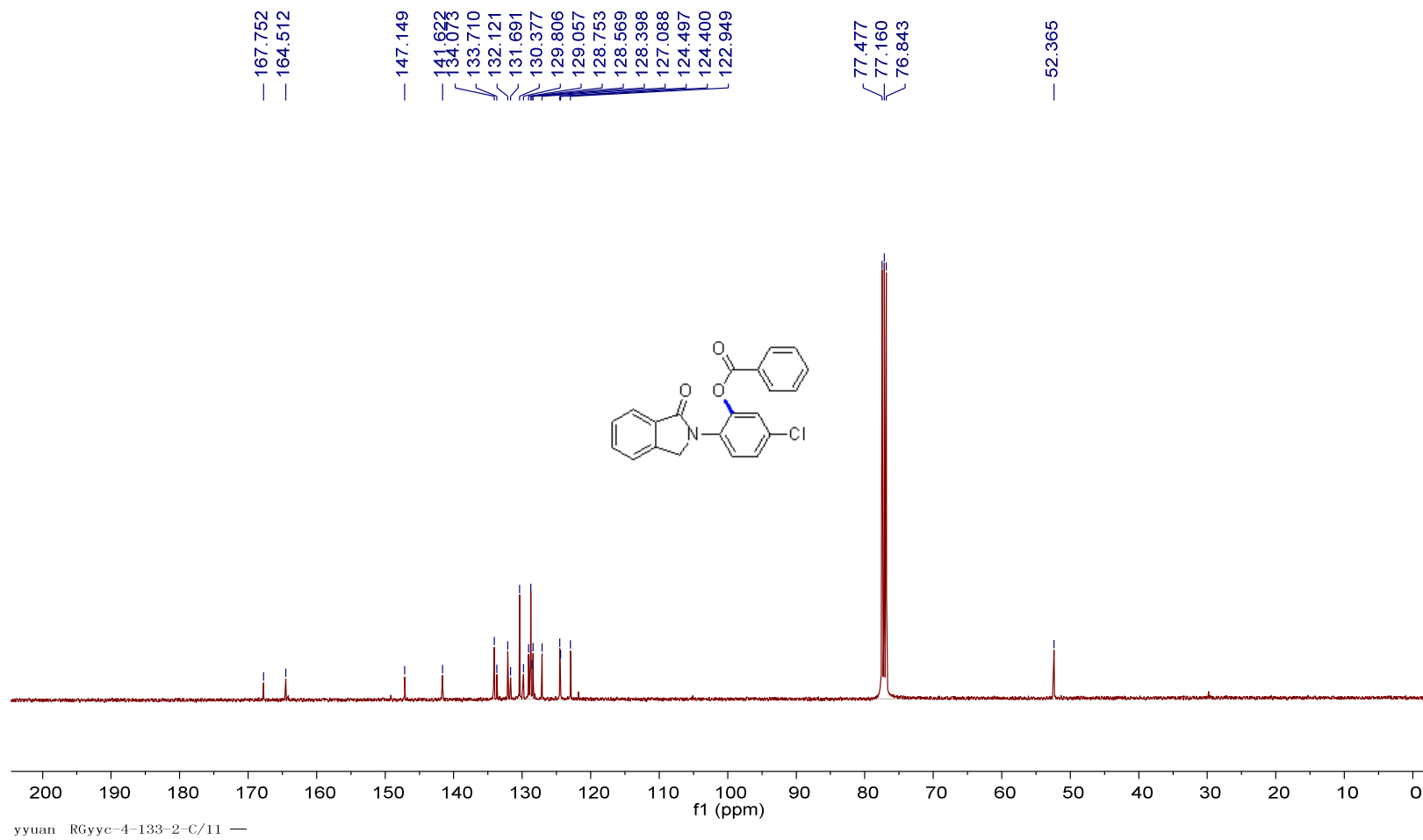
¹H NMR spectrum of **2c**.



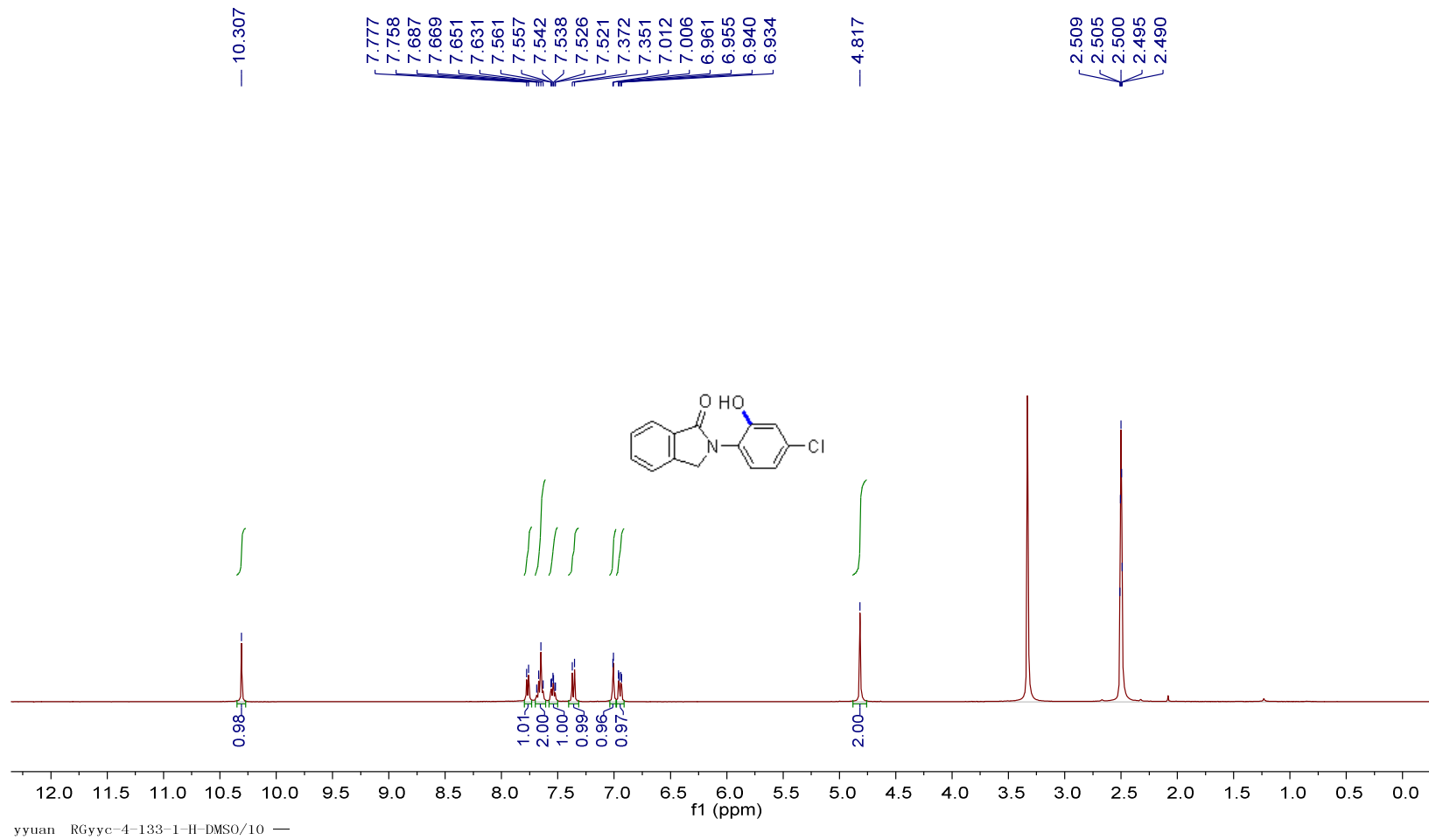
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2c**.



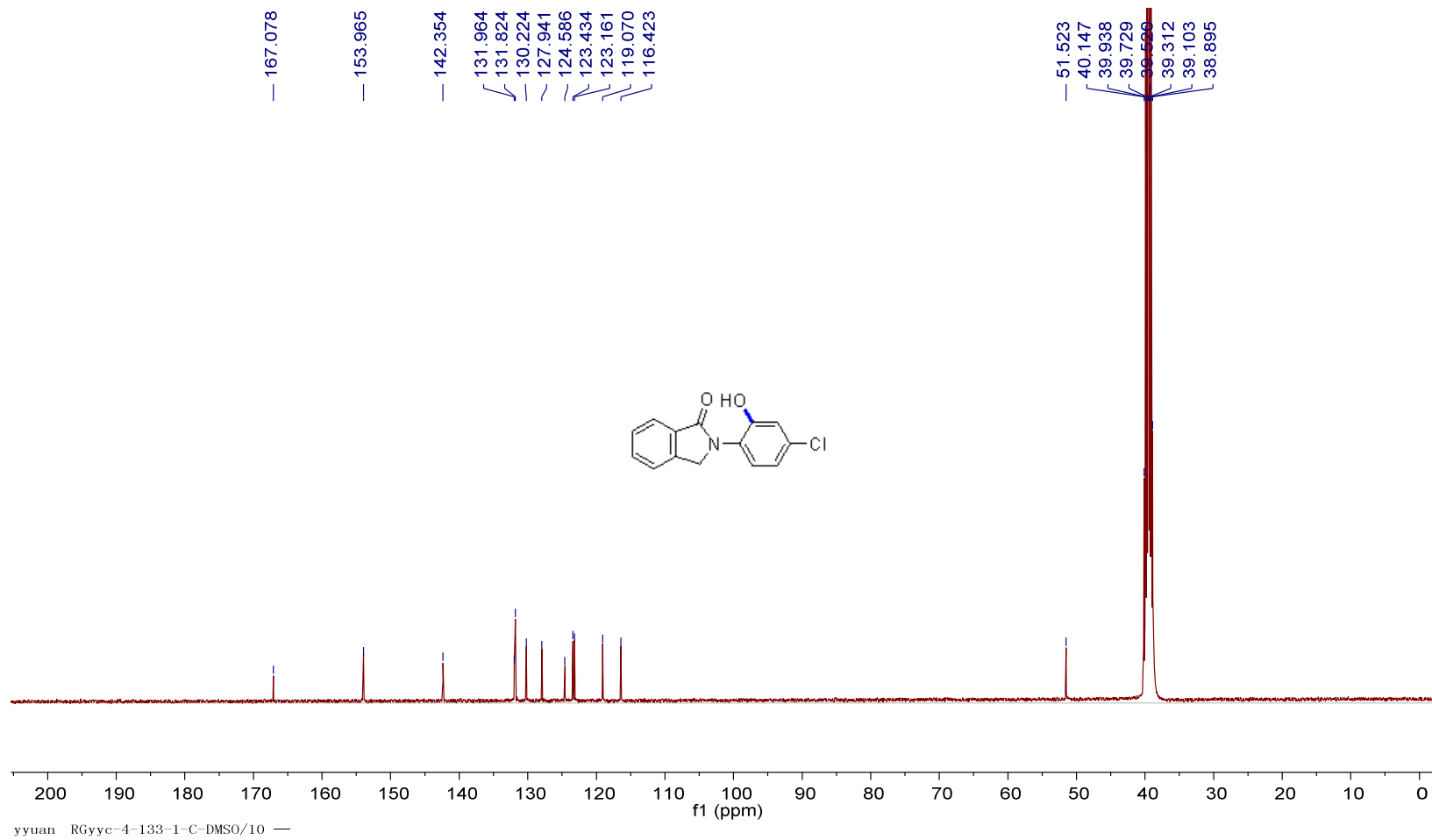
¹H NMR spectrum of **2d**.



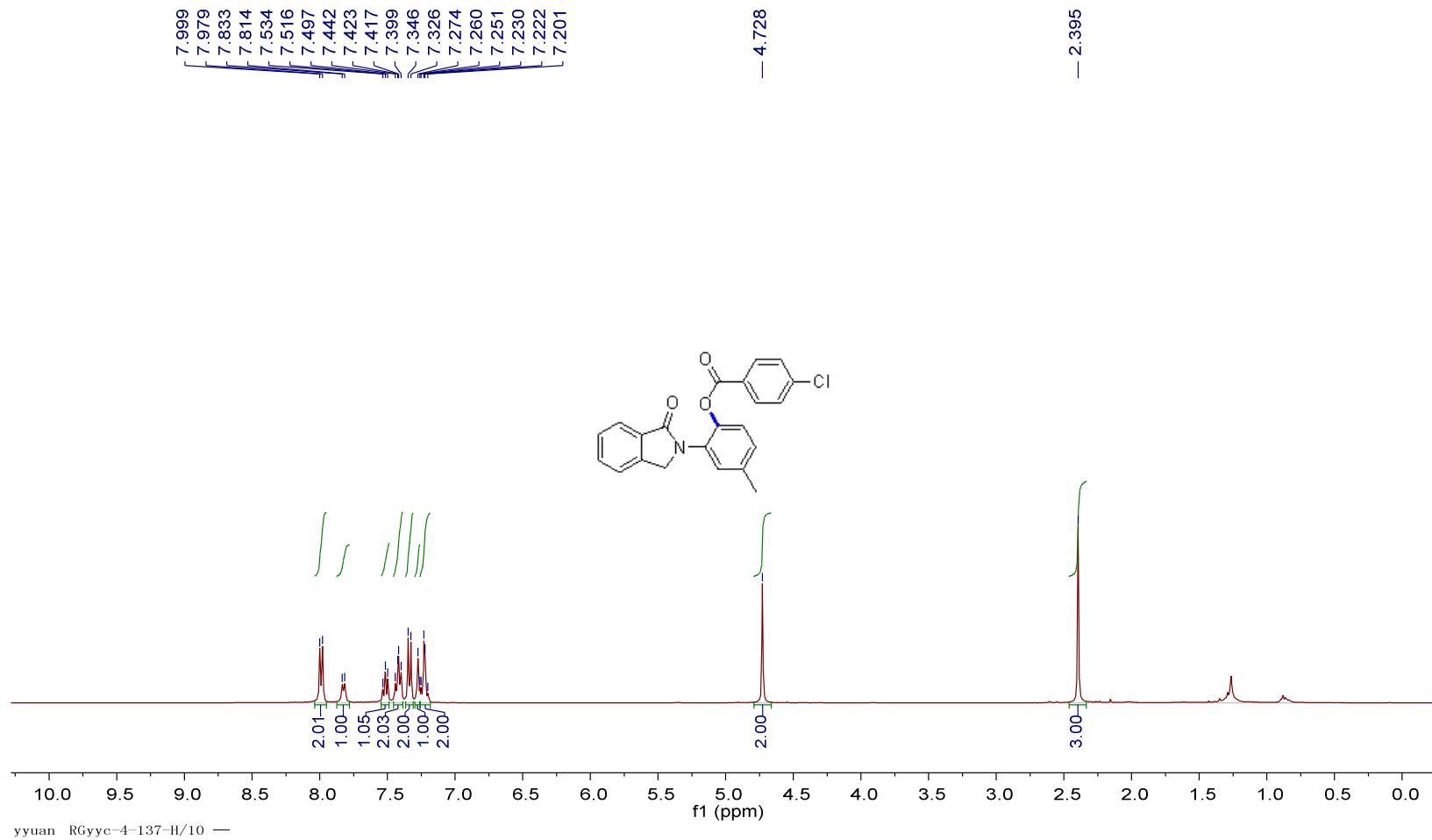
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2d**.



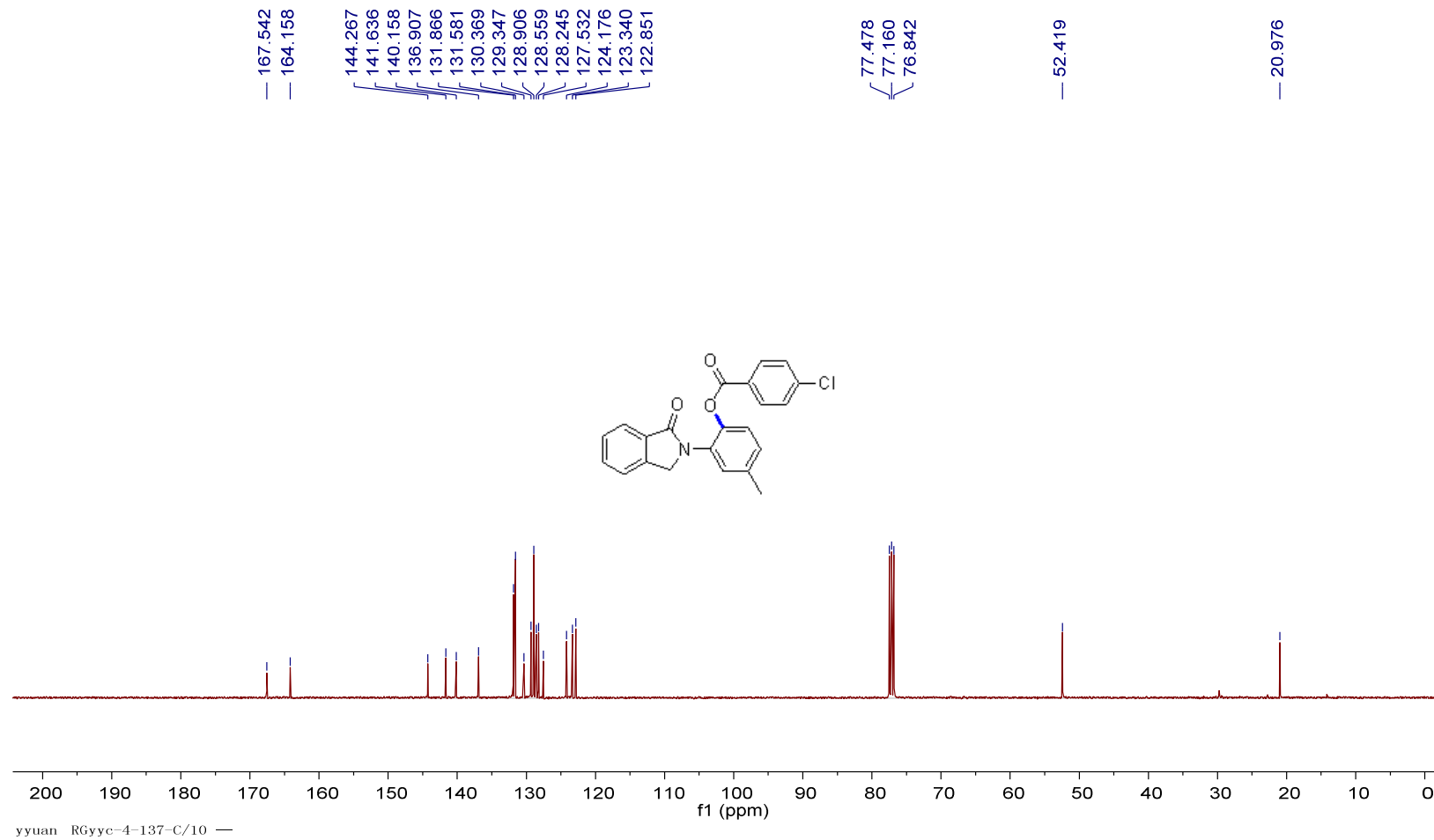
^1H NMR spectrum of **2dd**.



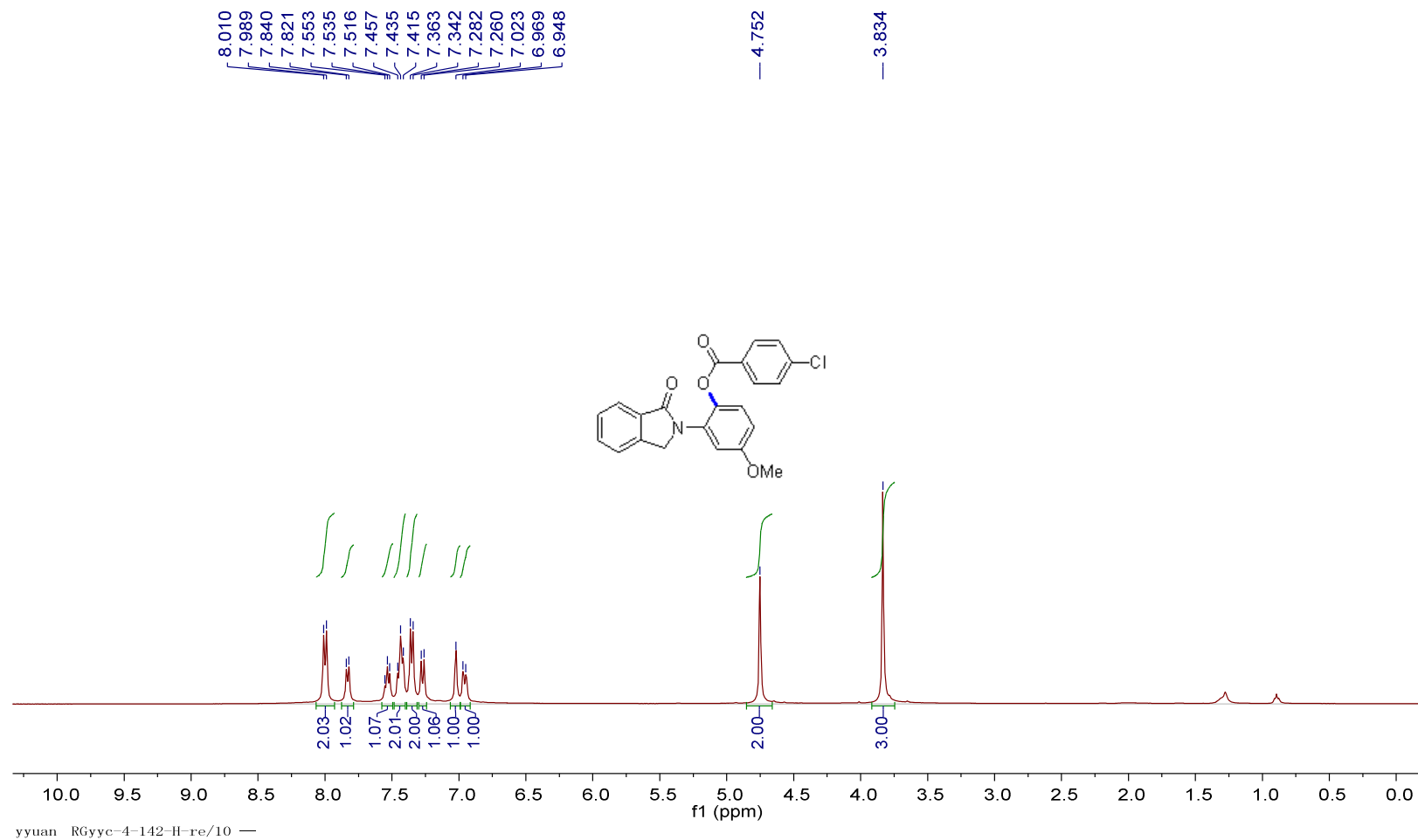
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2dd**.



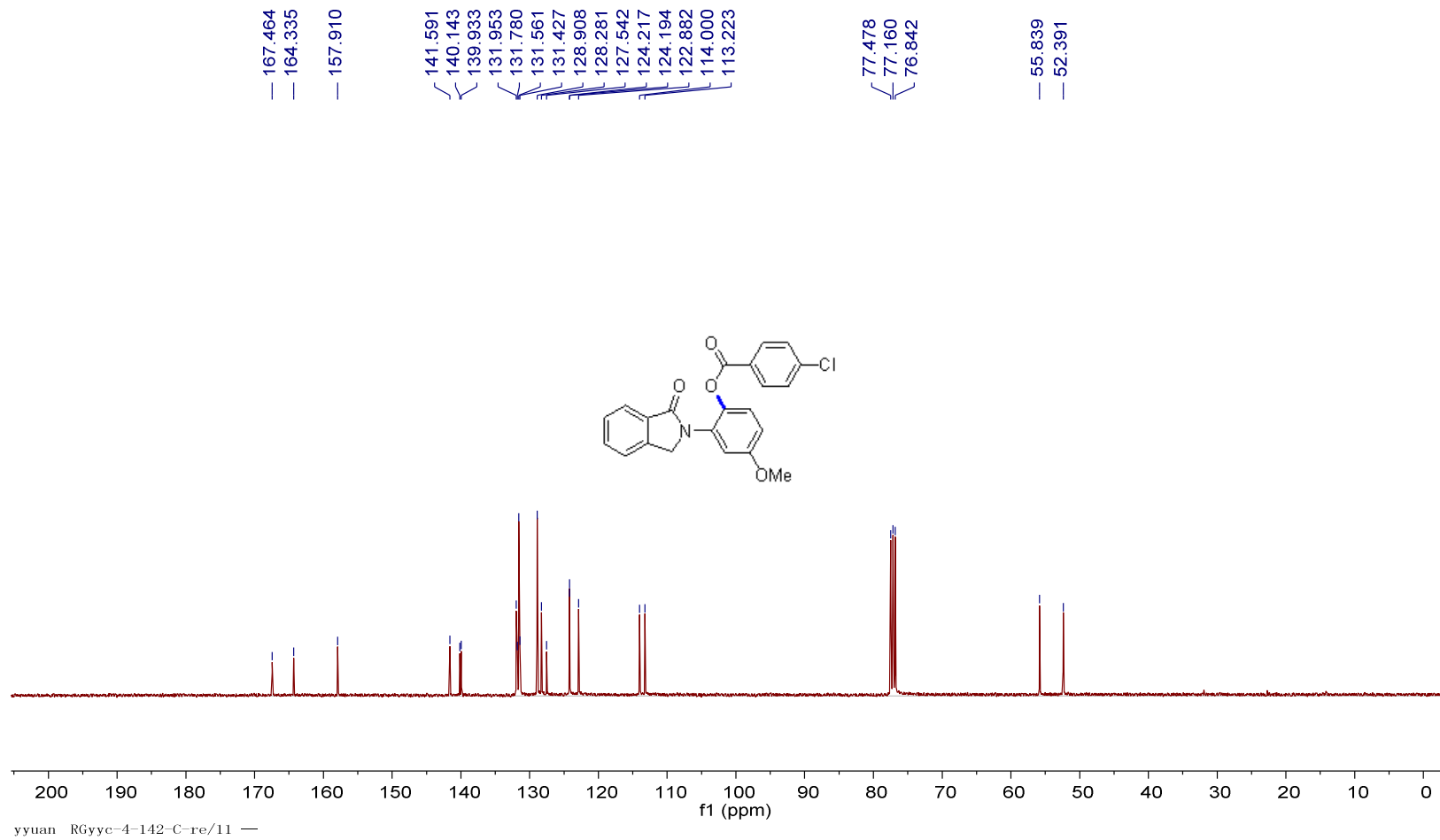
¹H NMR spectrum of 2e.



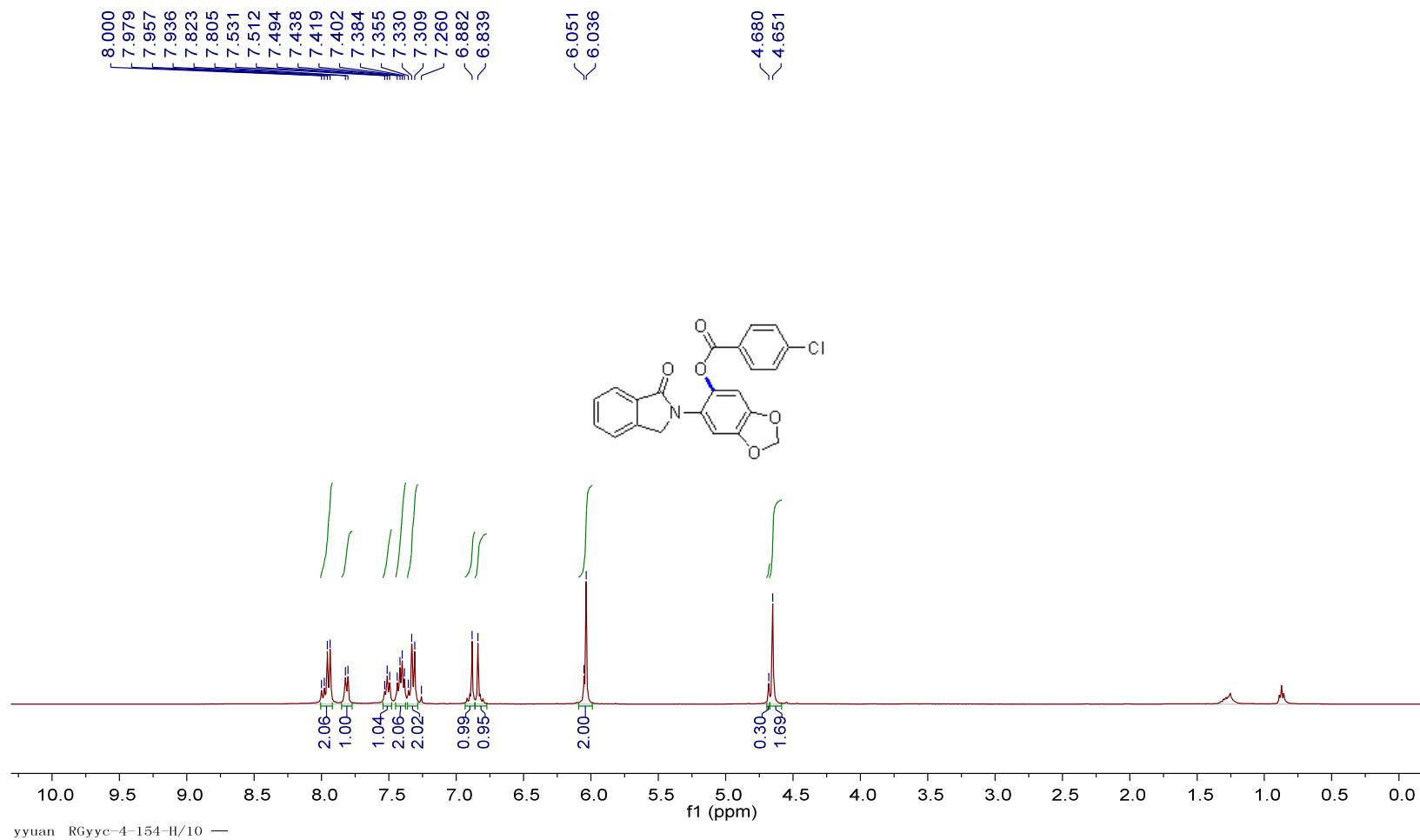
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2e**.



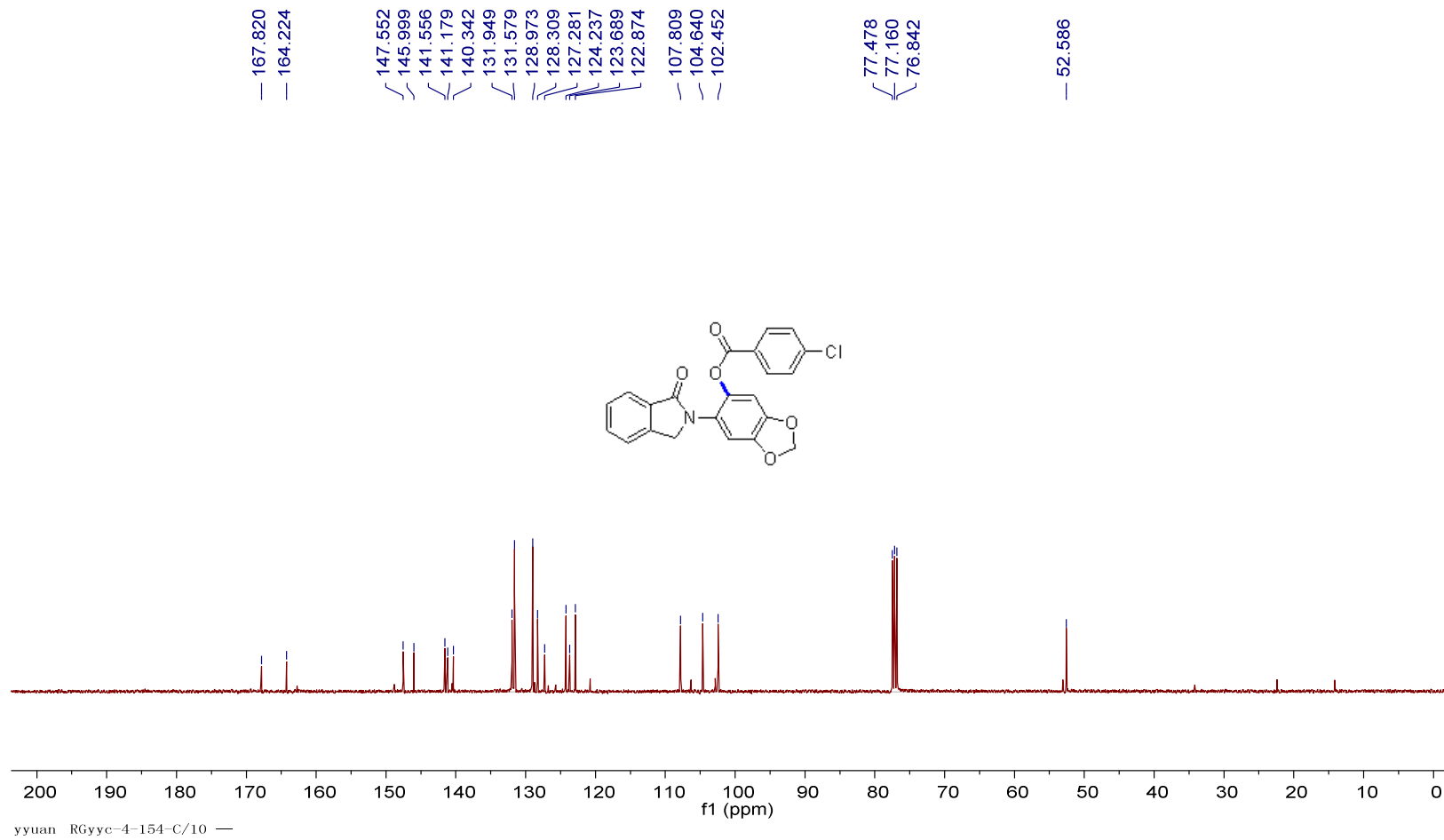
¹H NMR spectrum of **2f**.



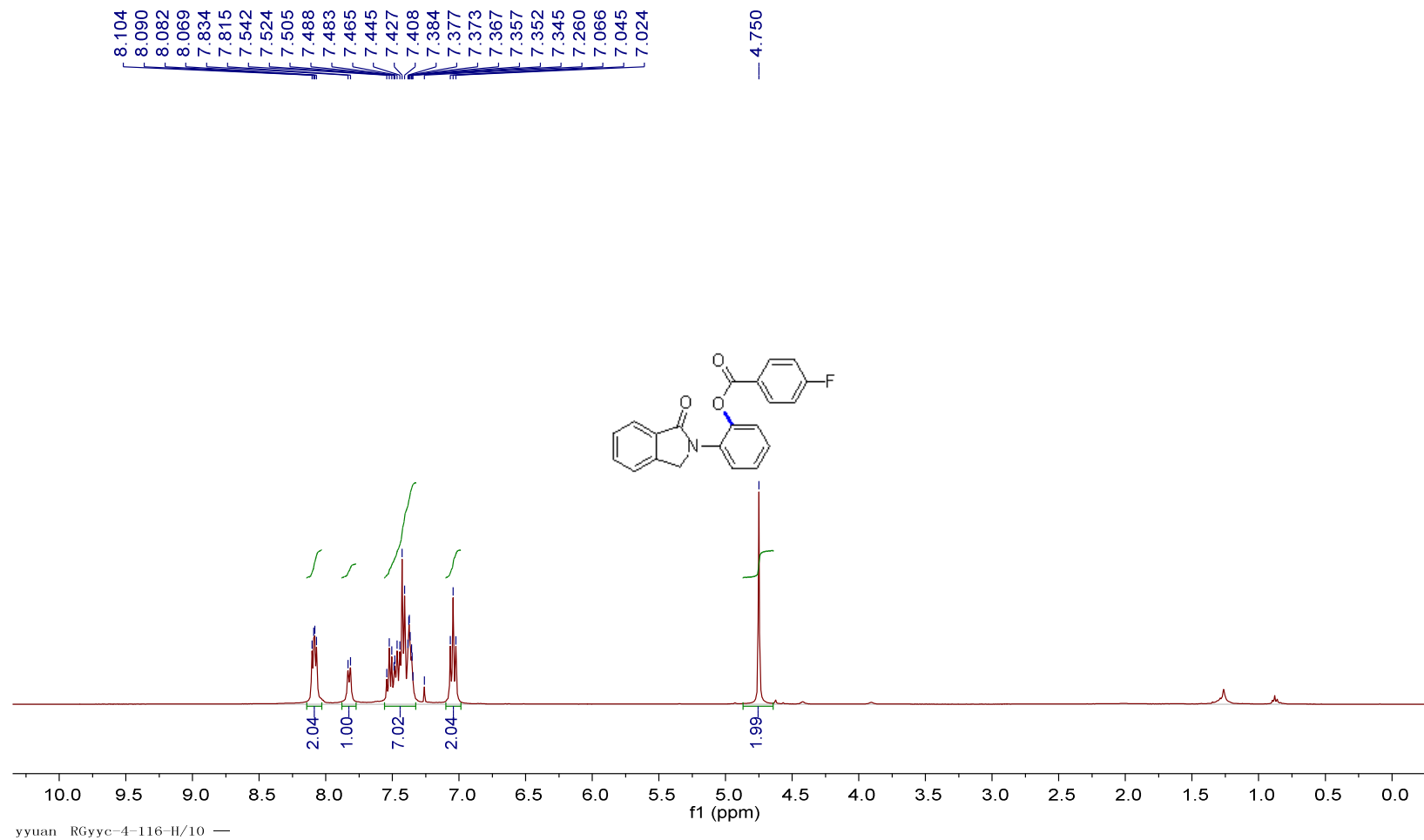
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2f**.



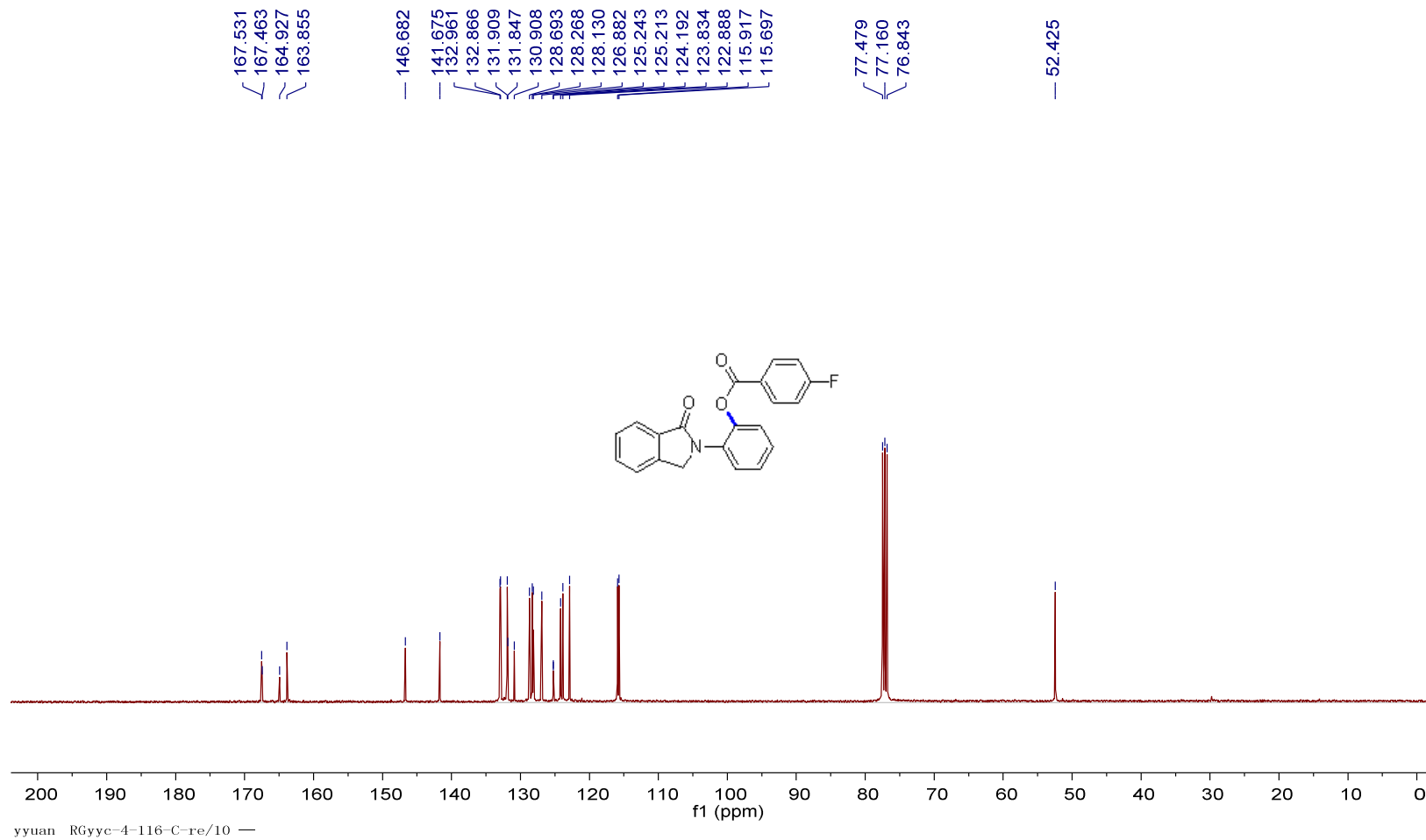
¹H NMR spectrum of **2g**.



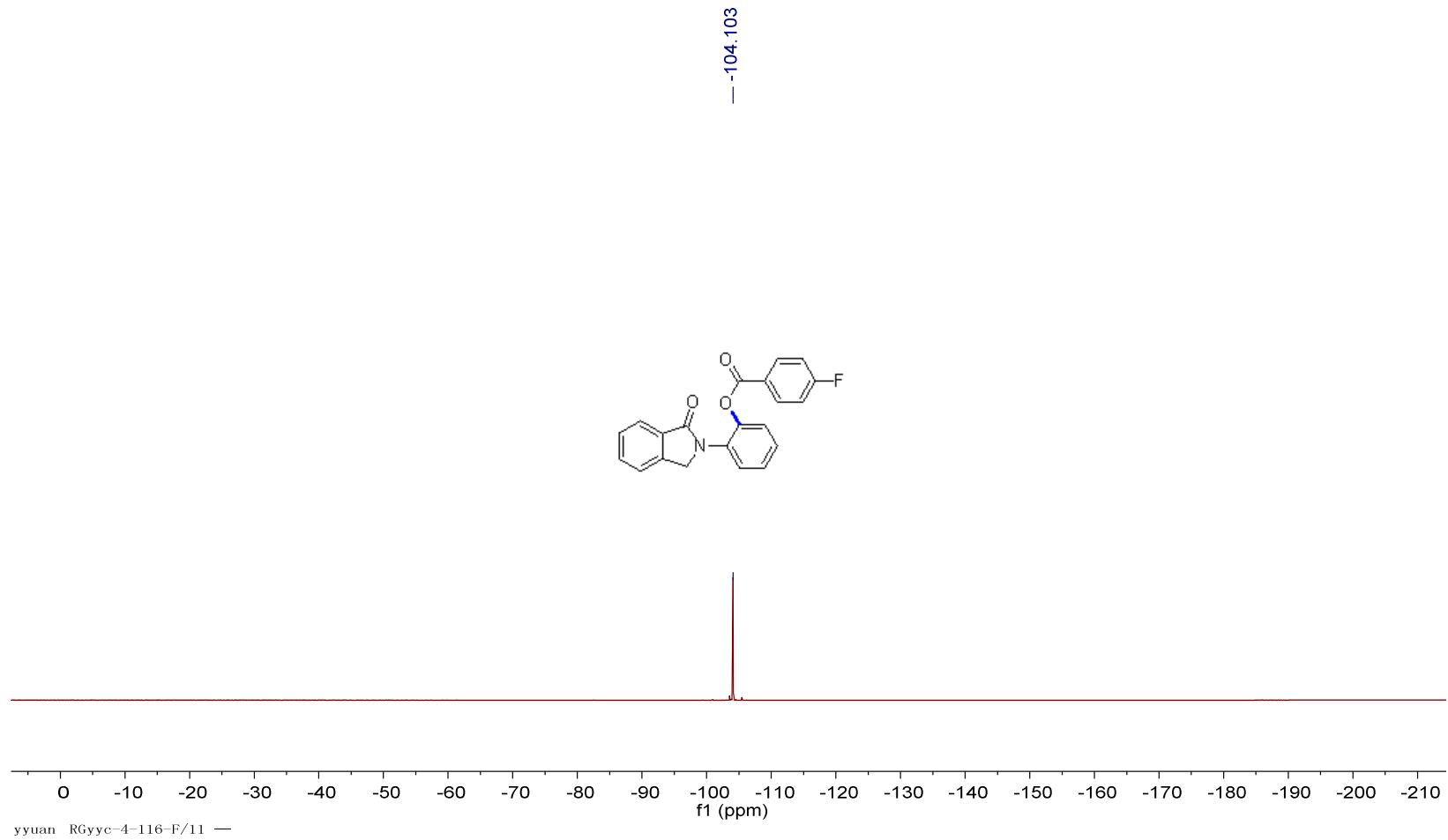
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2g**.



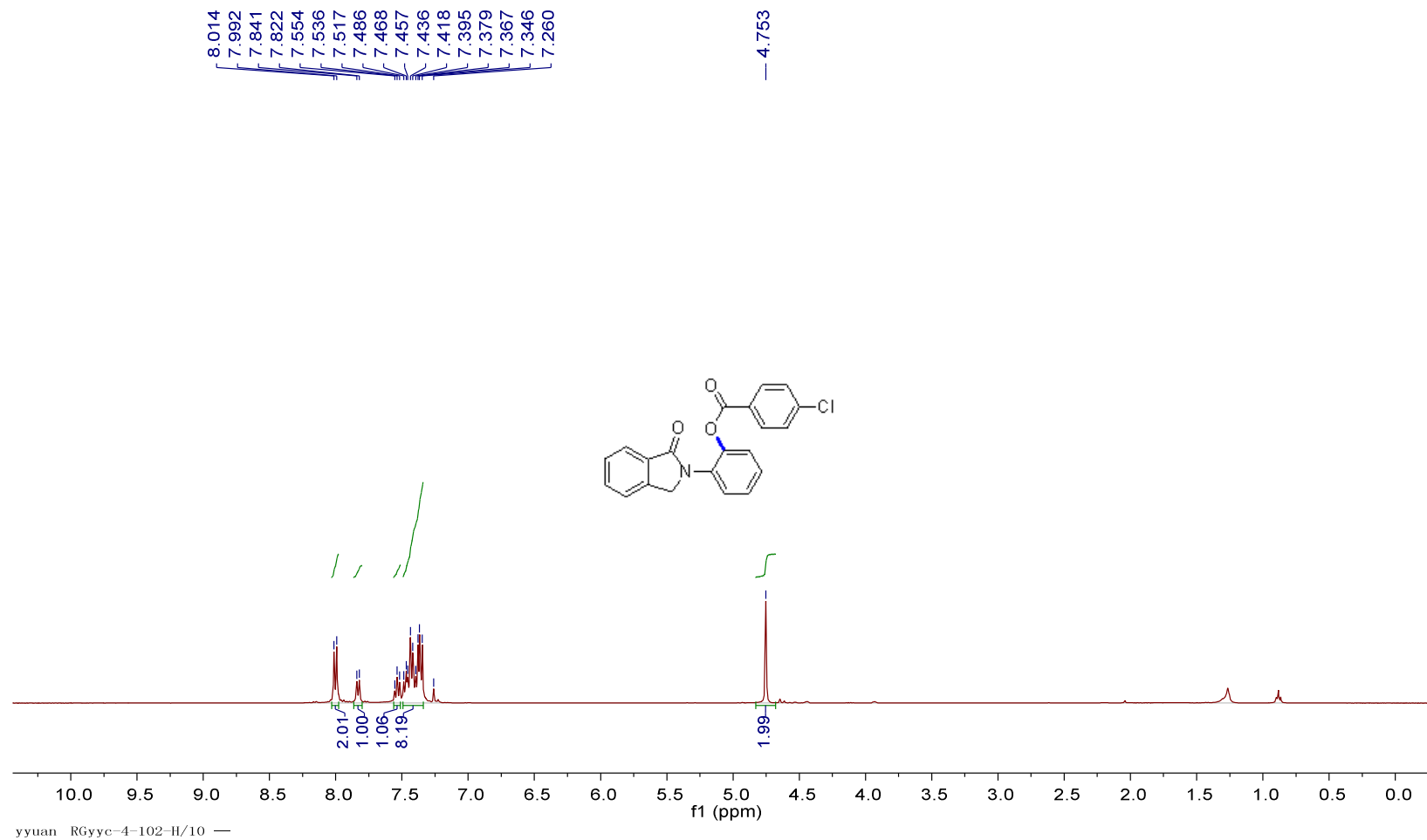
¹H NMR spectrum of **2i**.



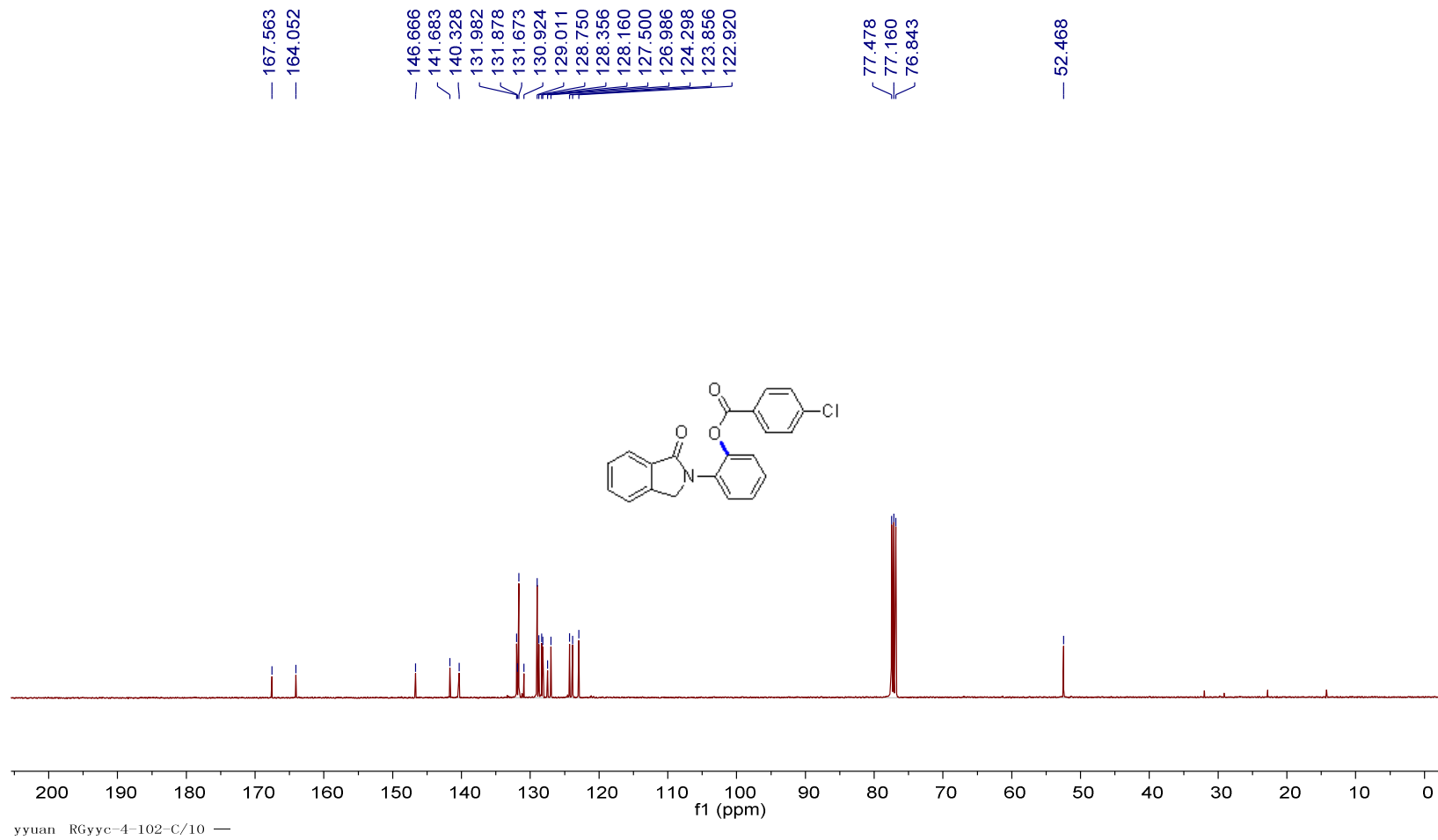
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2i**.



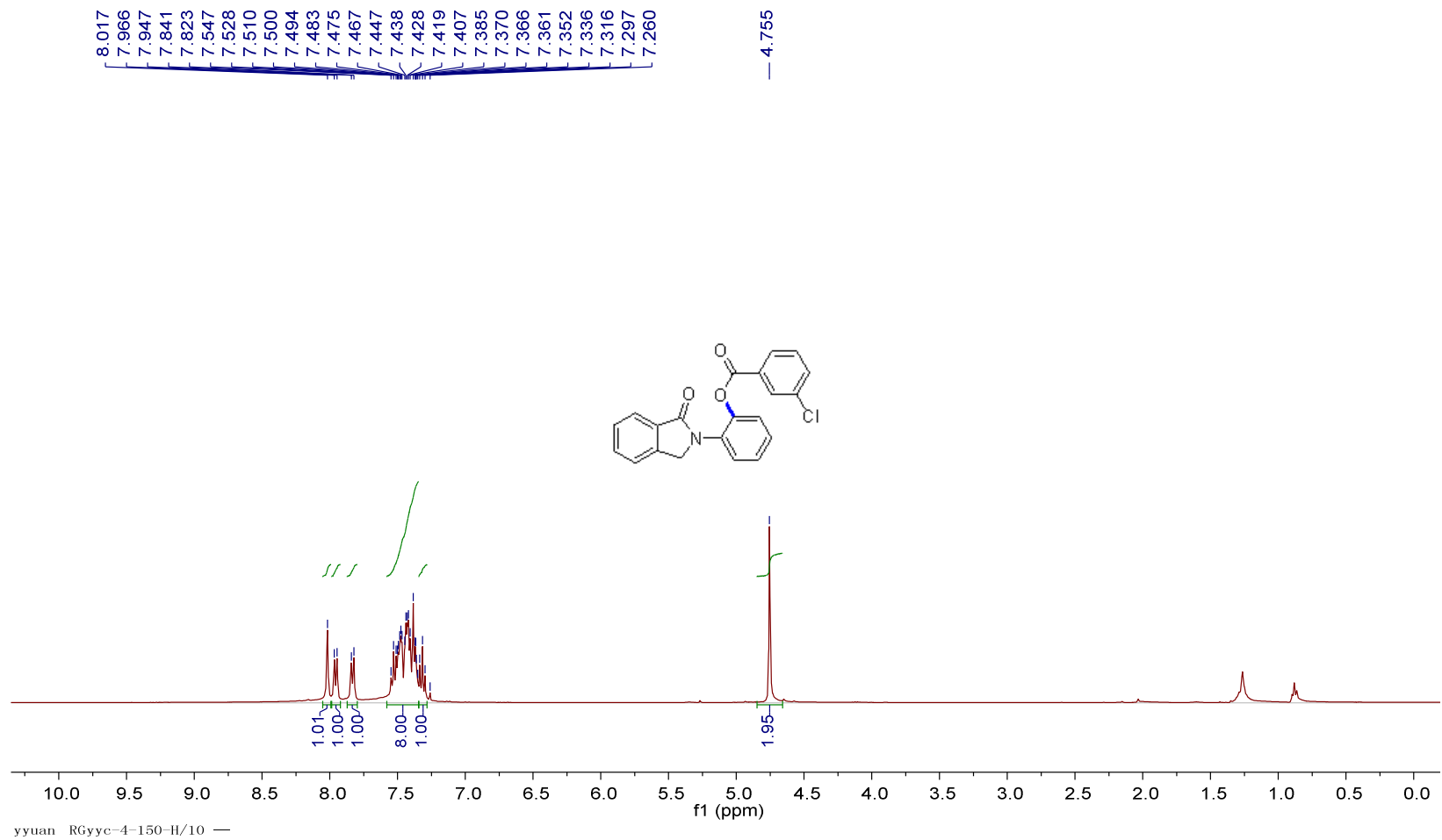
$^{19}\text{F}\{^1\text{H}\}$ NMR spectrum of **2i**.

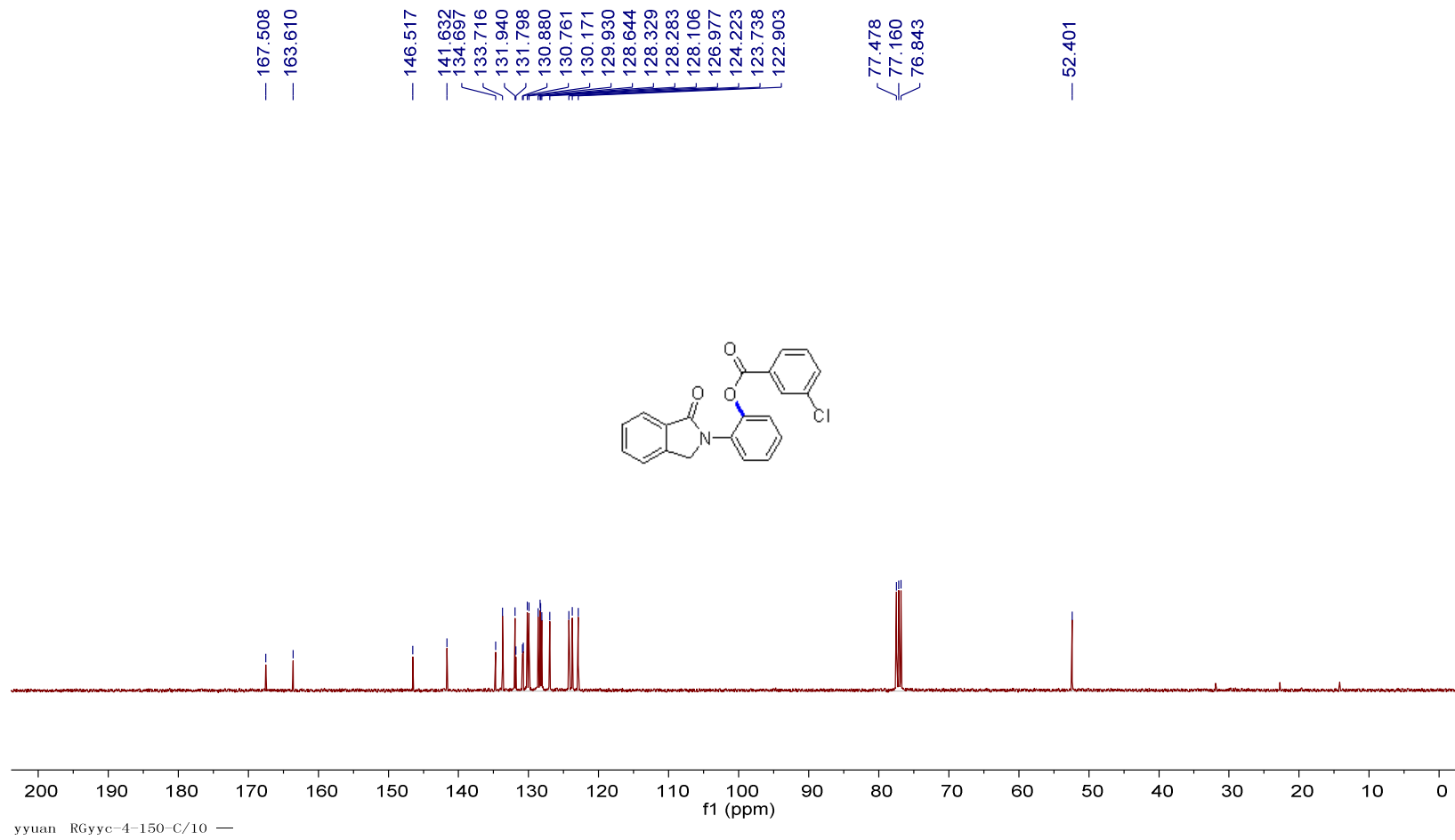


¹H NMR spectrum of **2j**.

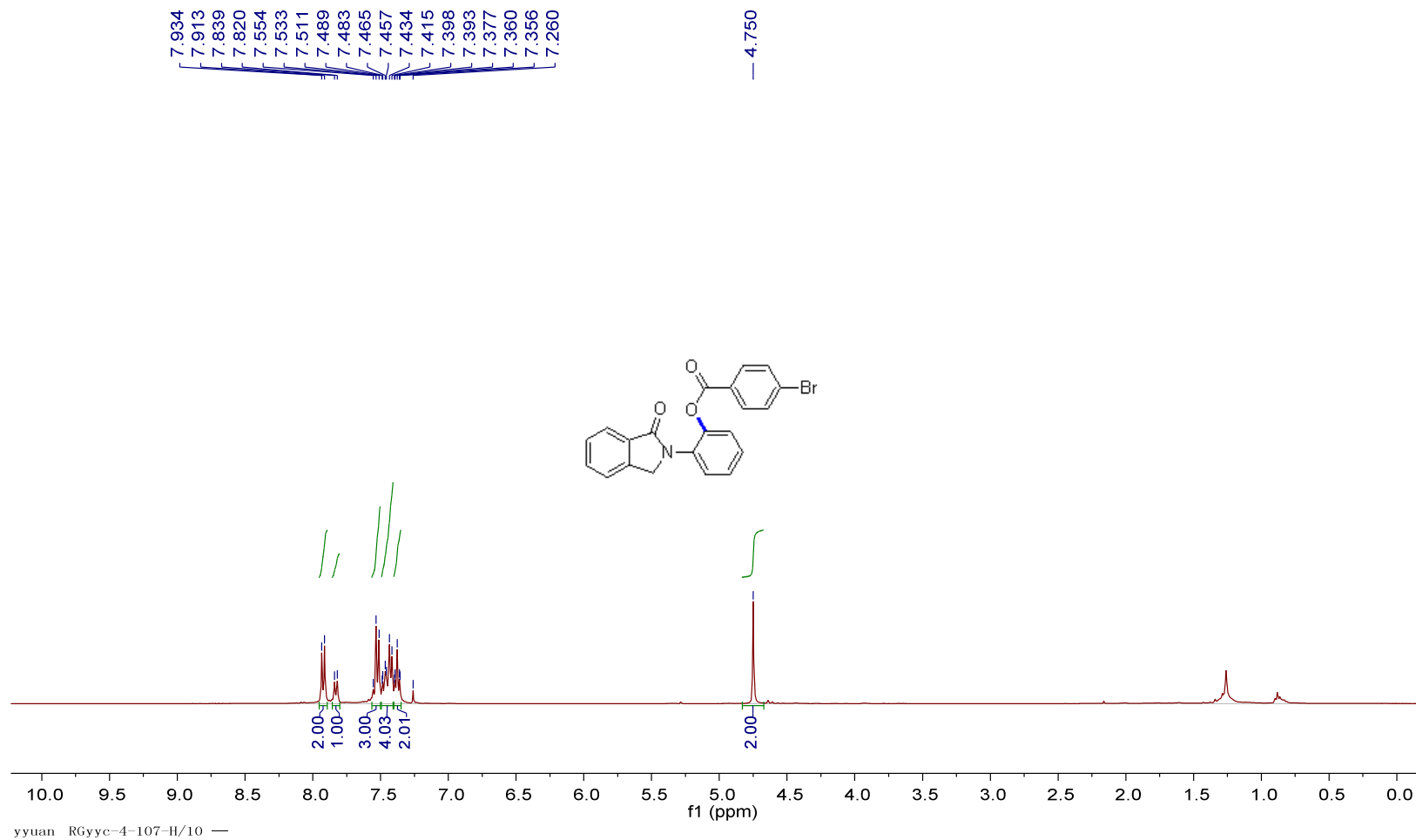


$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2j**.

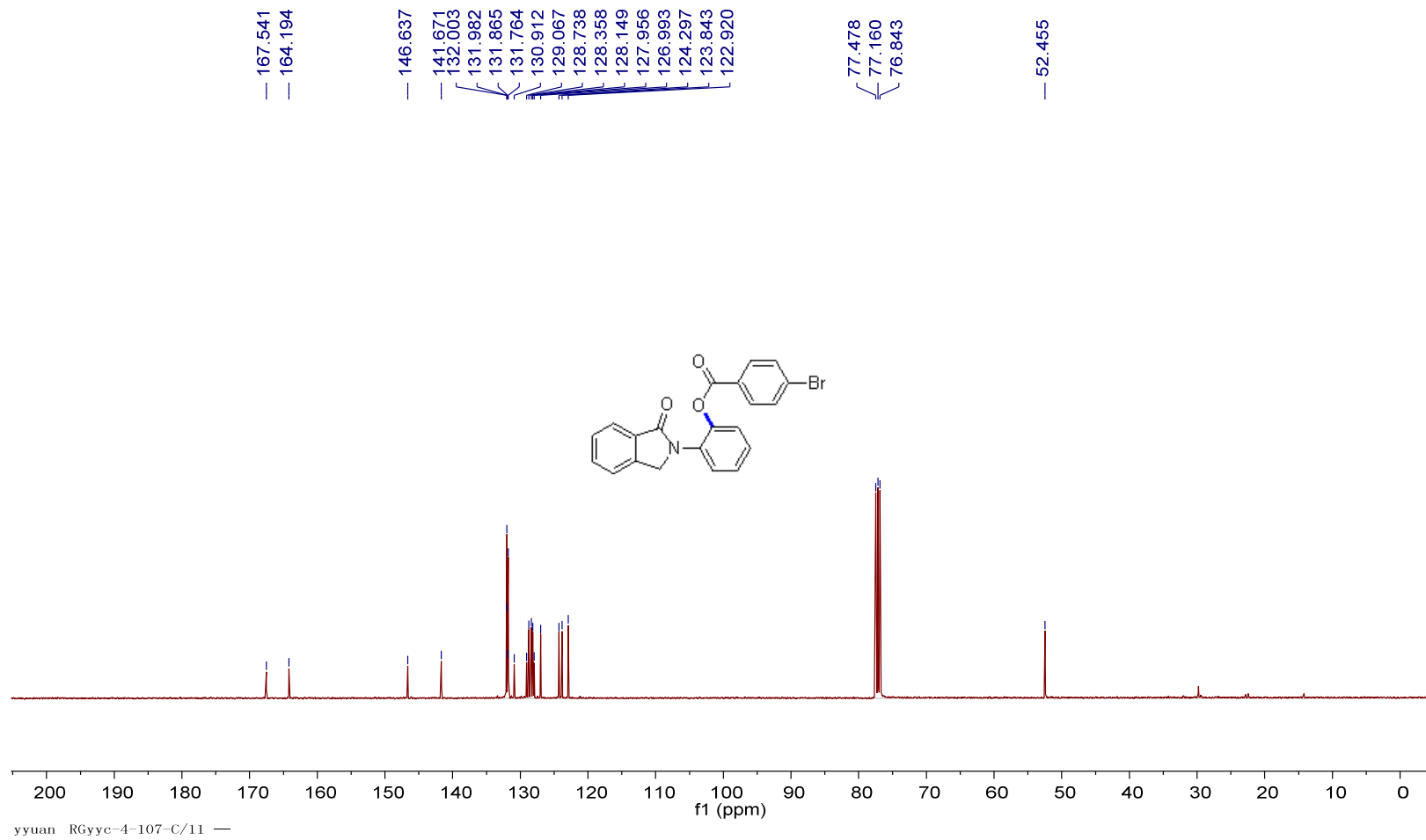




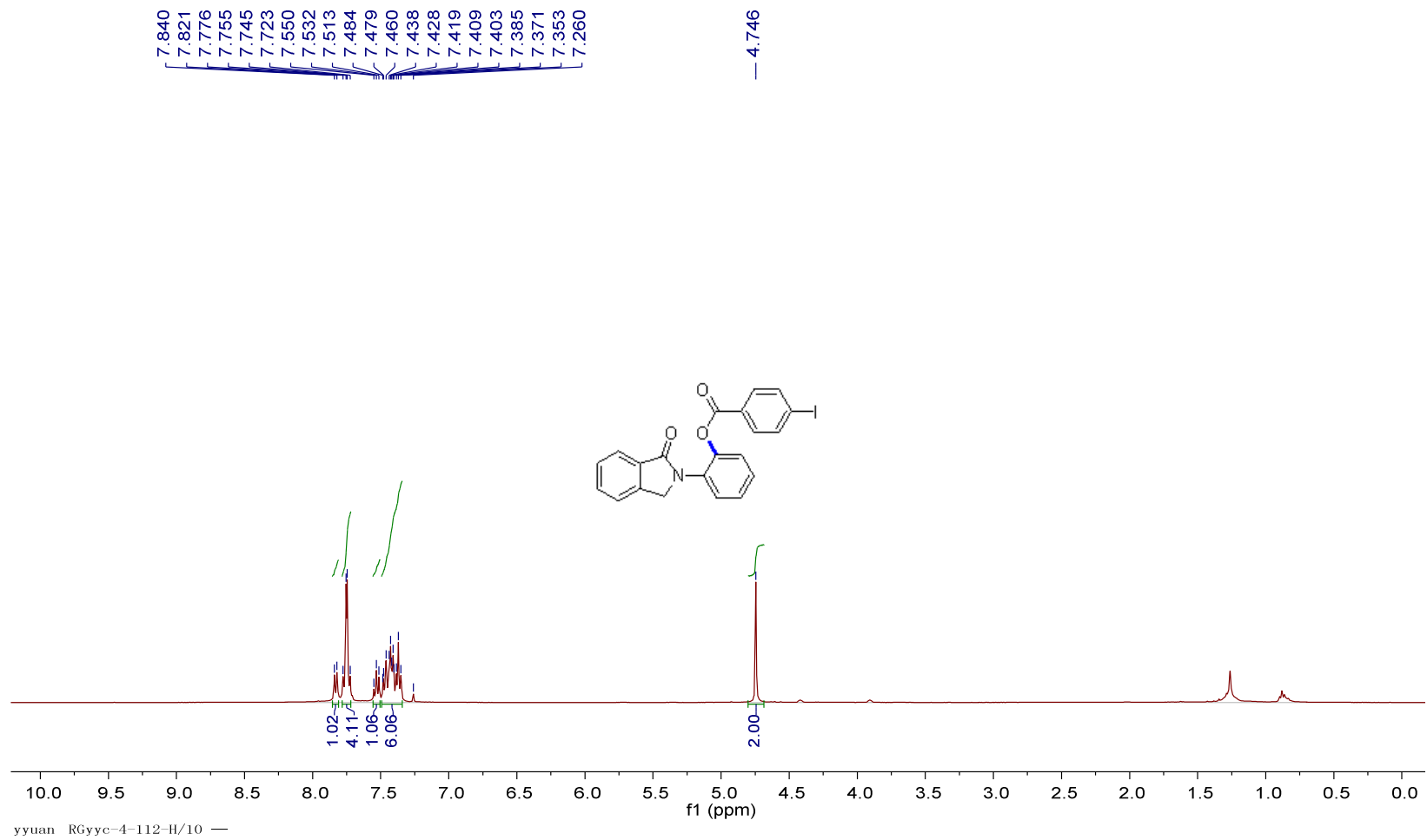
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2k**.



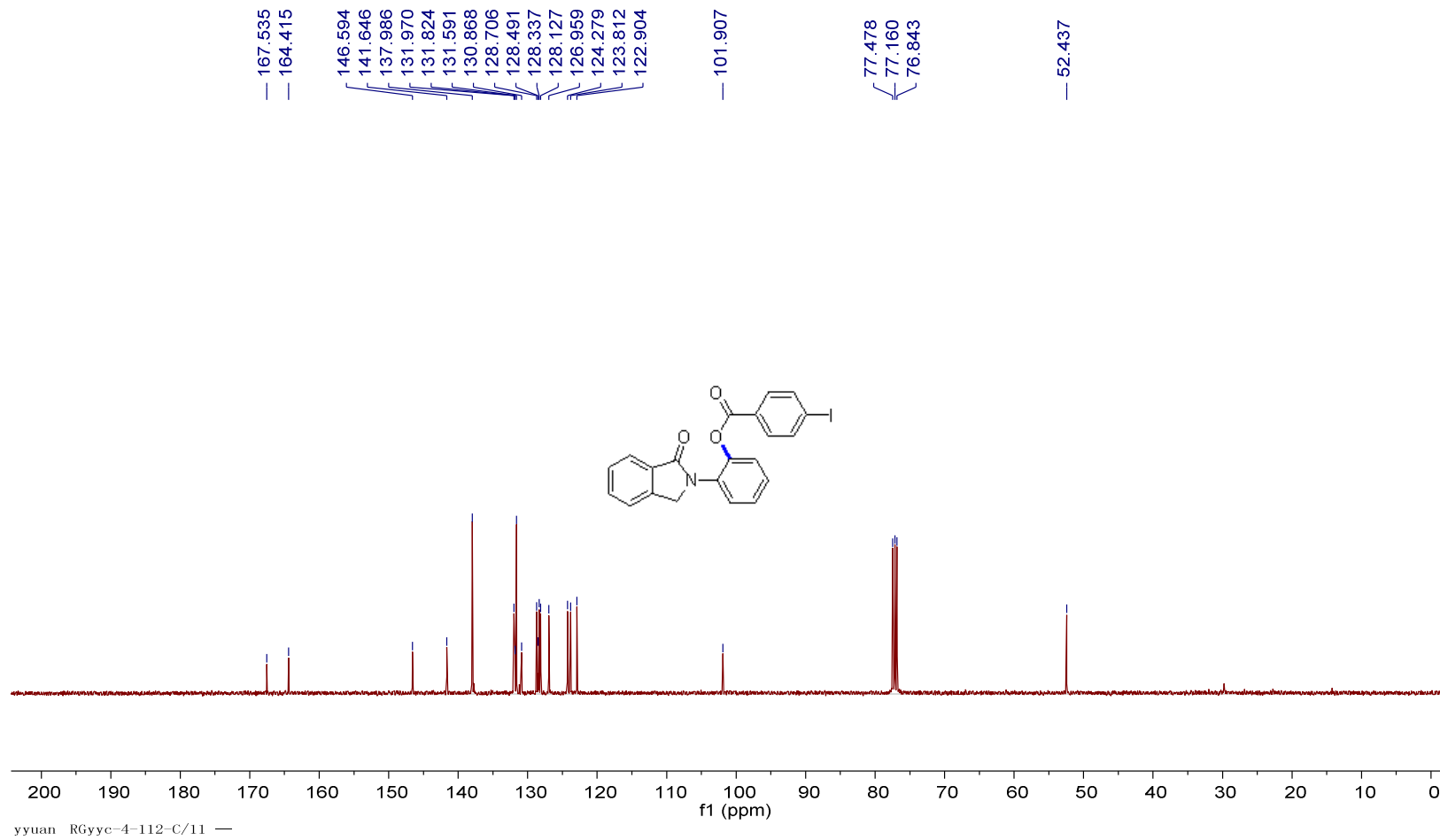
¹H NMR spectrum of **21**.



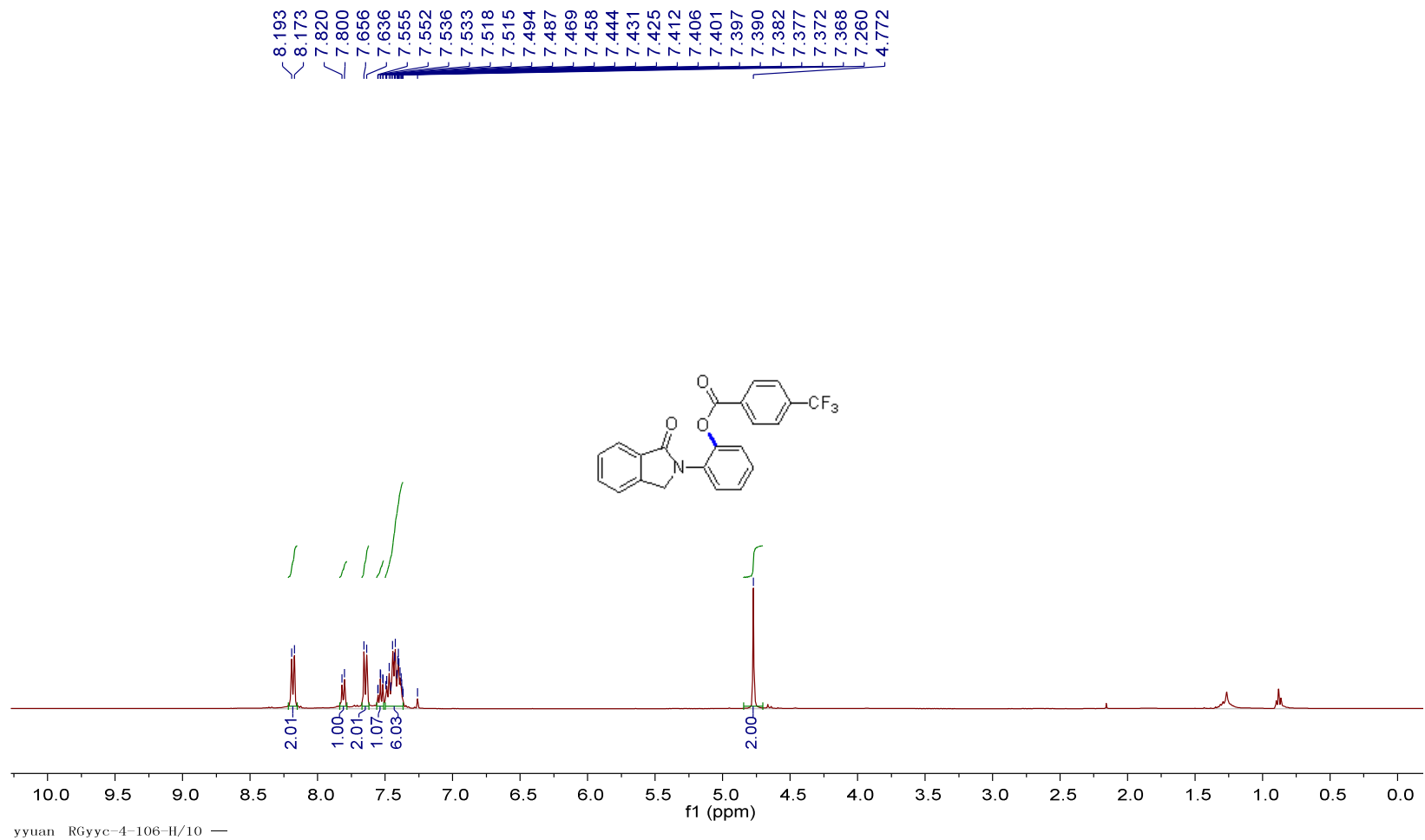
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2l**.



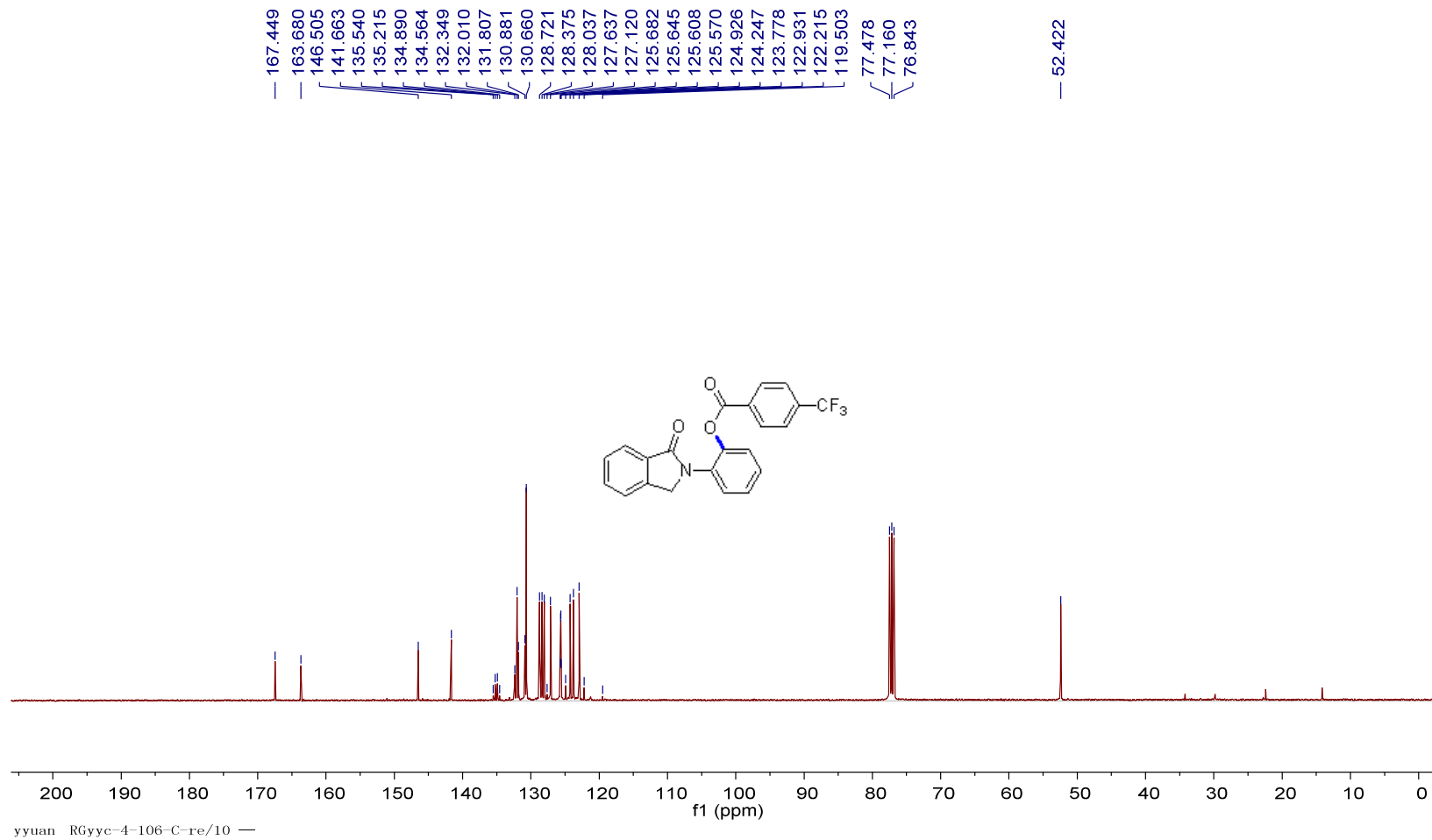
¹H NMR spectrum of **2m**.



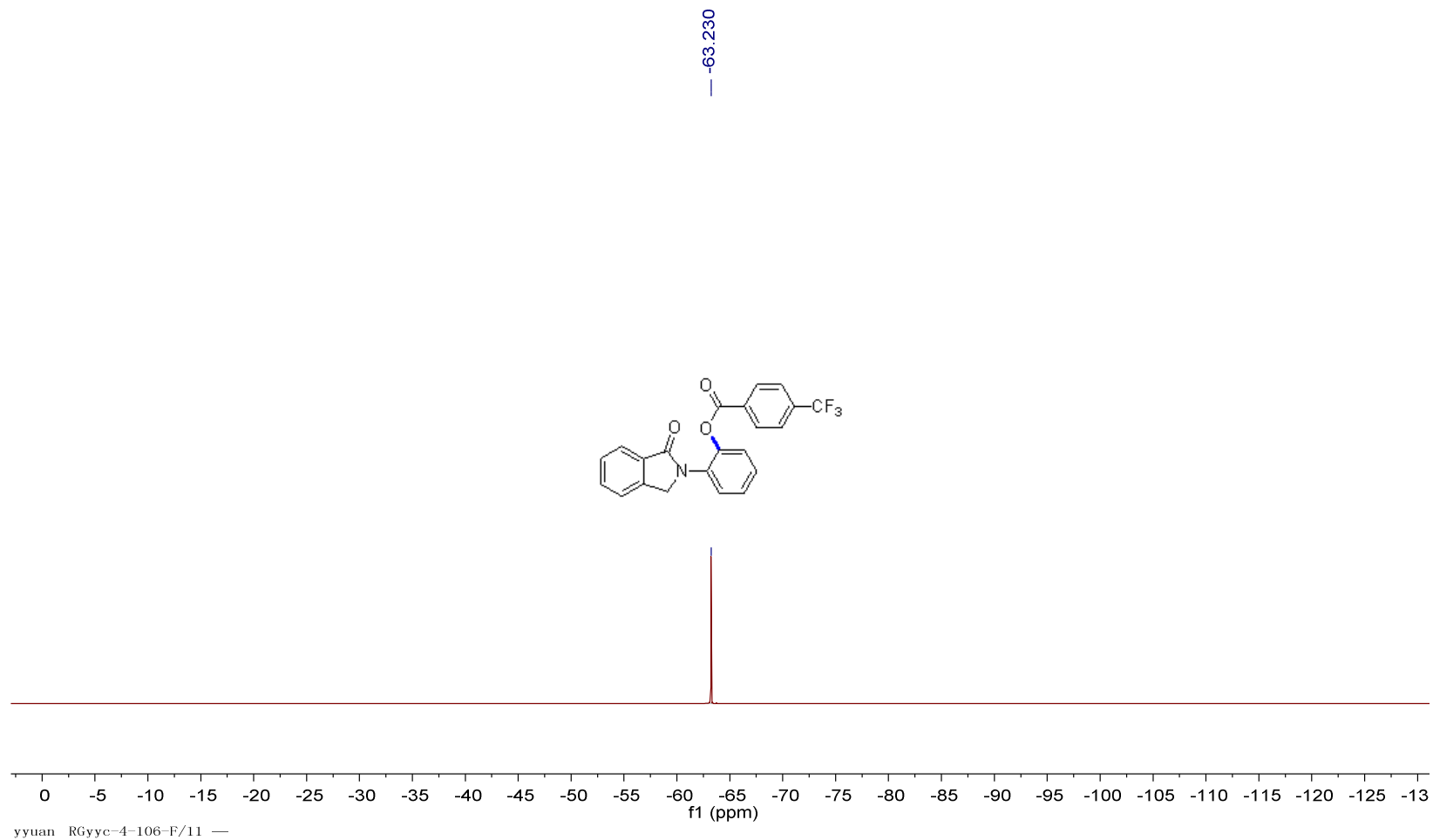
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2m**.



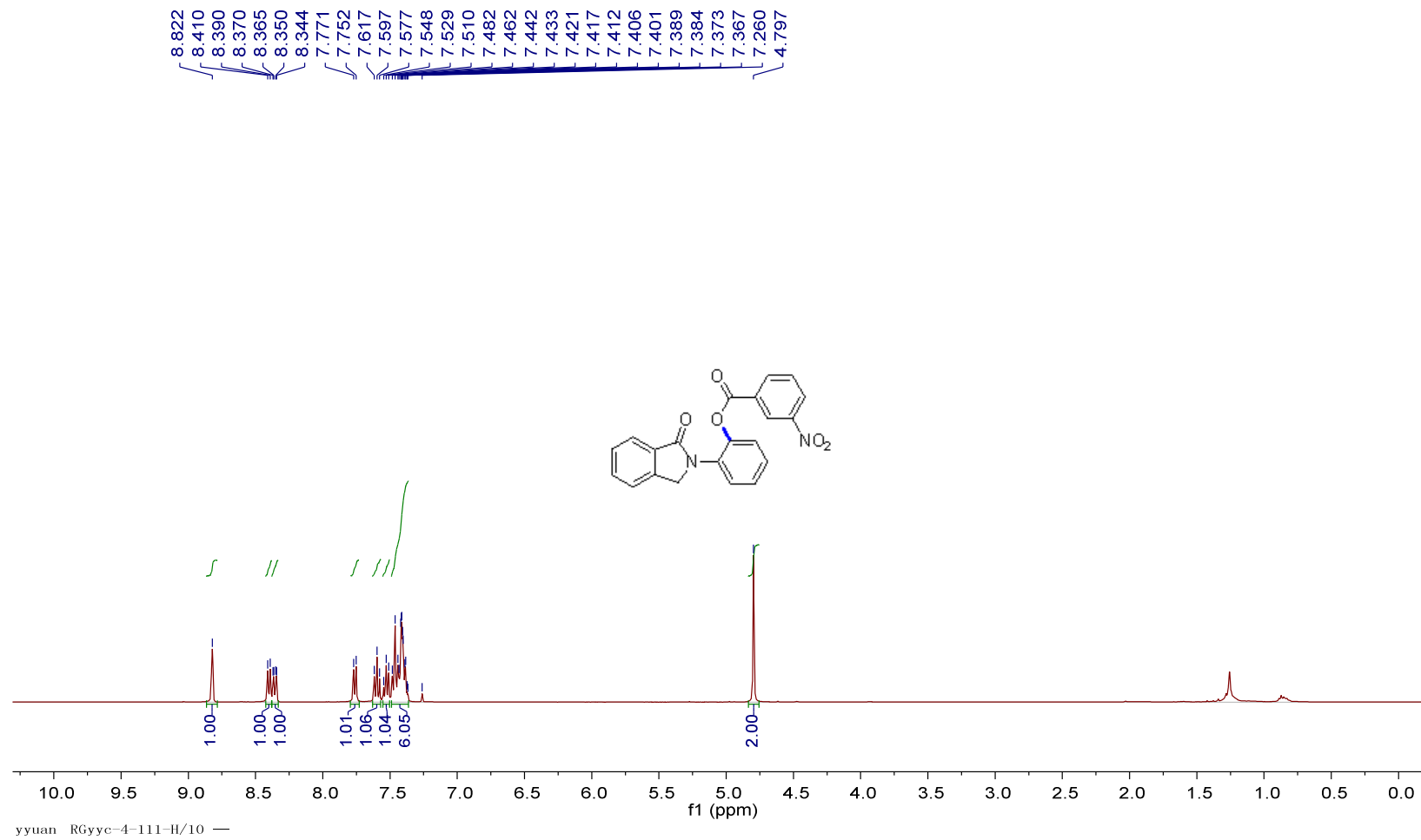
¹H NMR spectrum of **2n**.



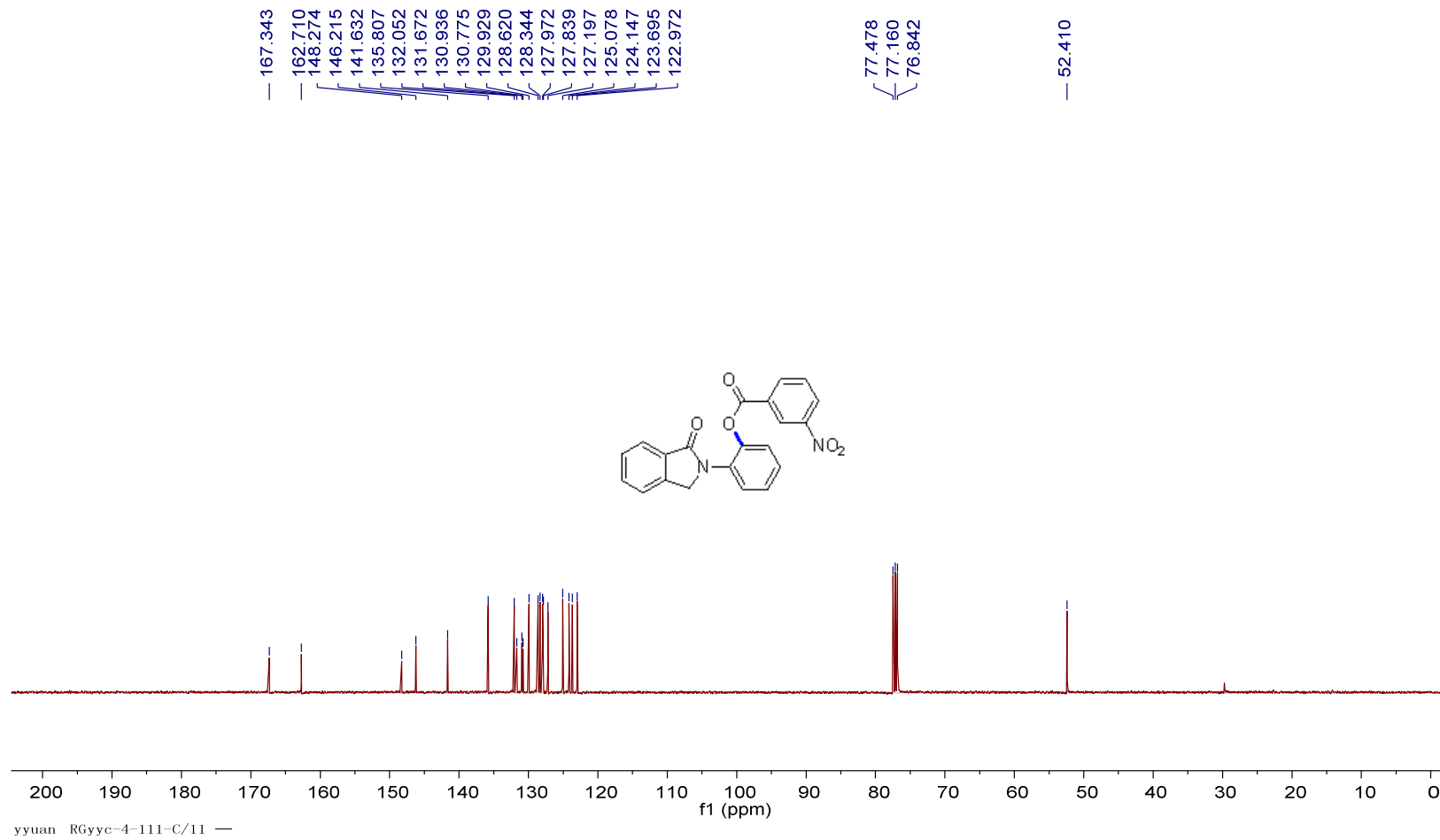
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2n**.



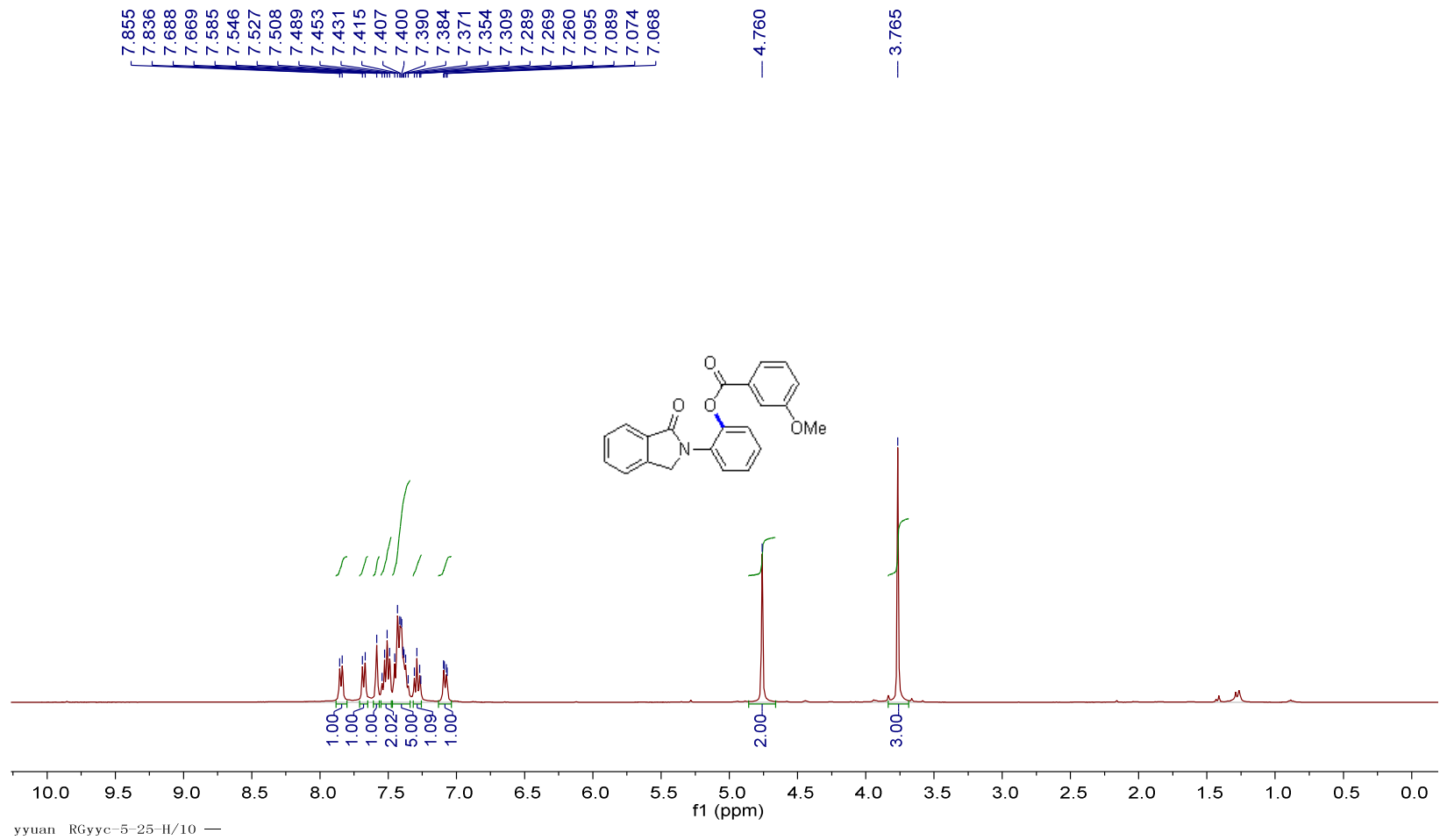
$^{19}\text{F}\{^1\text{H}\}$ NMR spectrum of **2n**.



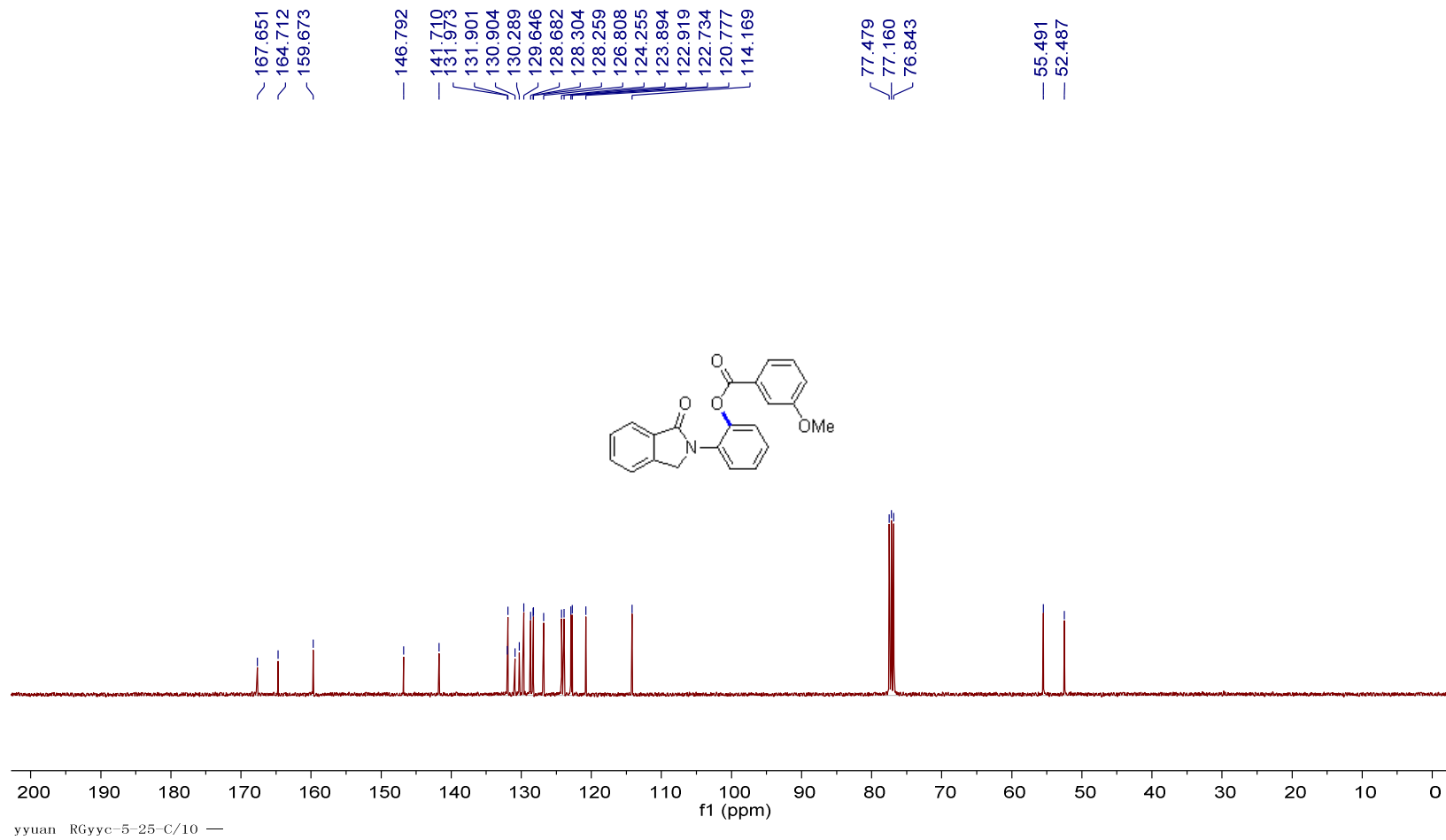
¹H NMR spectrum of **20**.



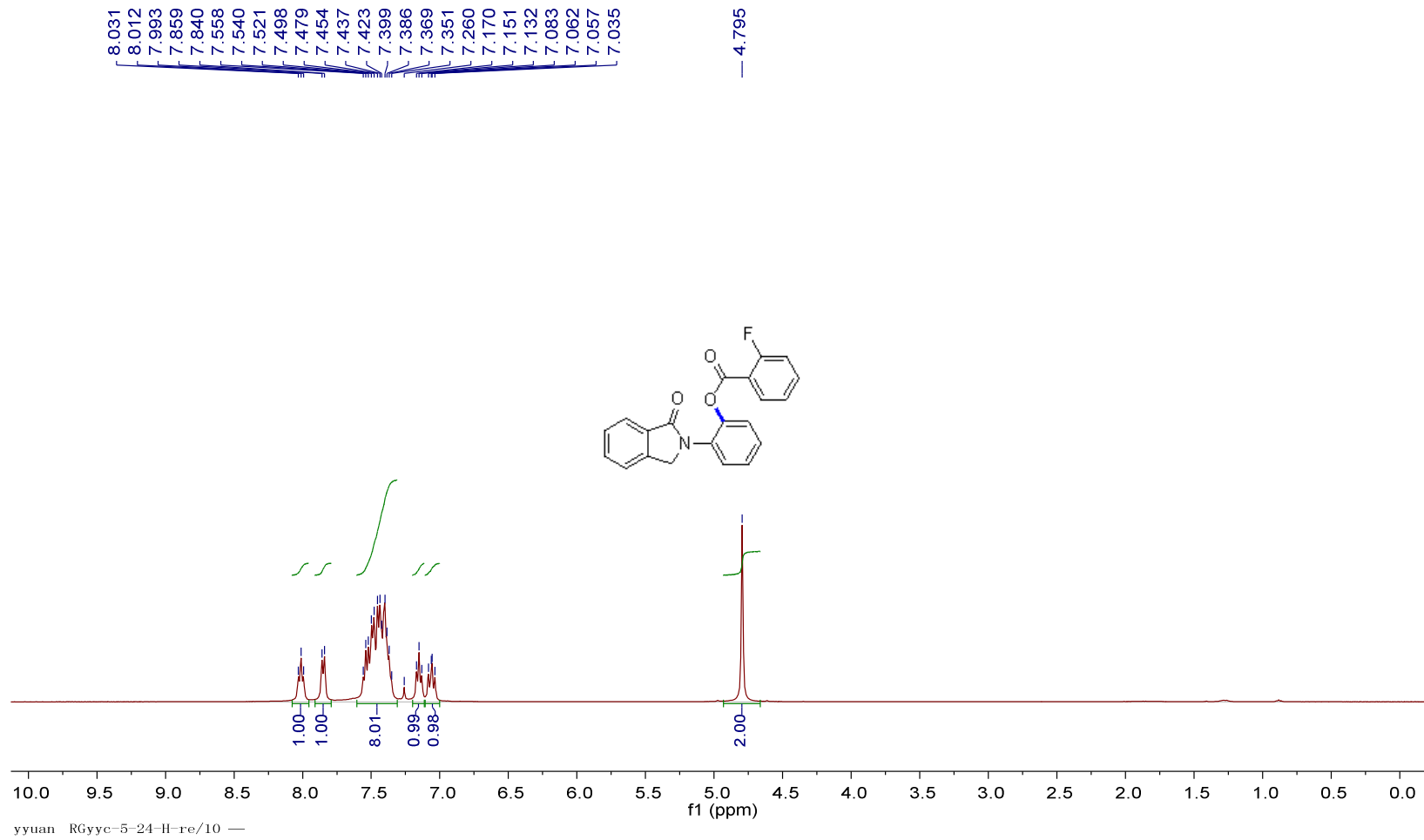
¹³C{¹H} NMR spectrum of **2o**.



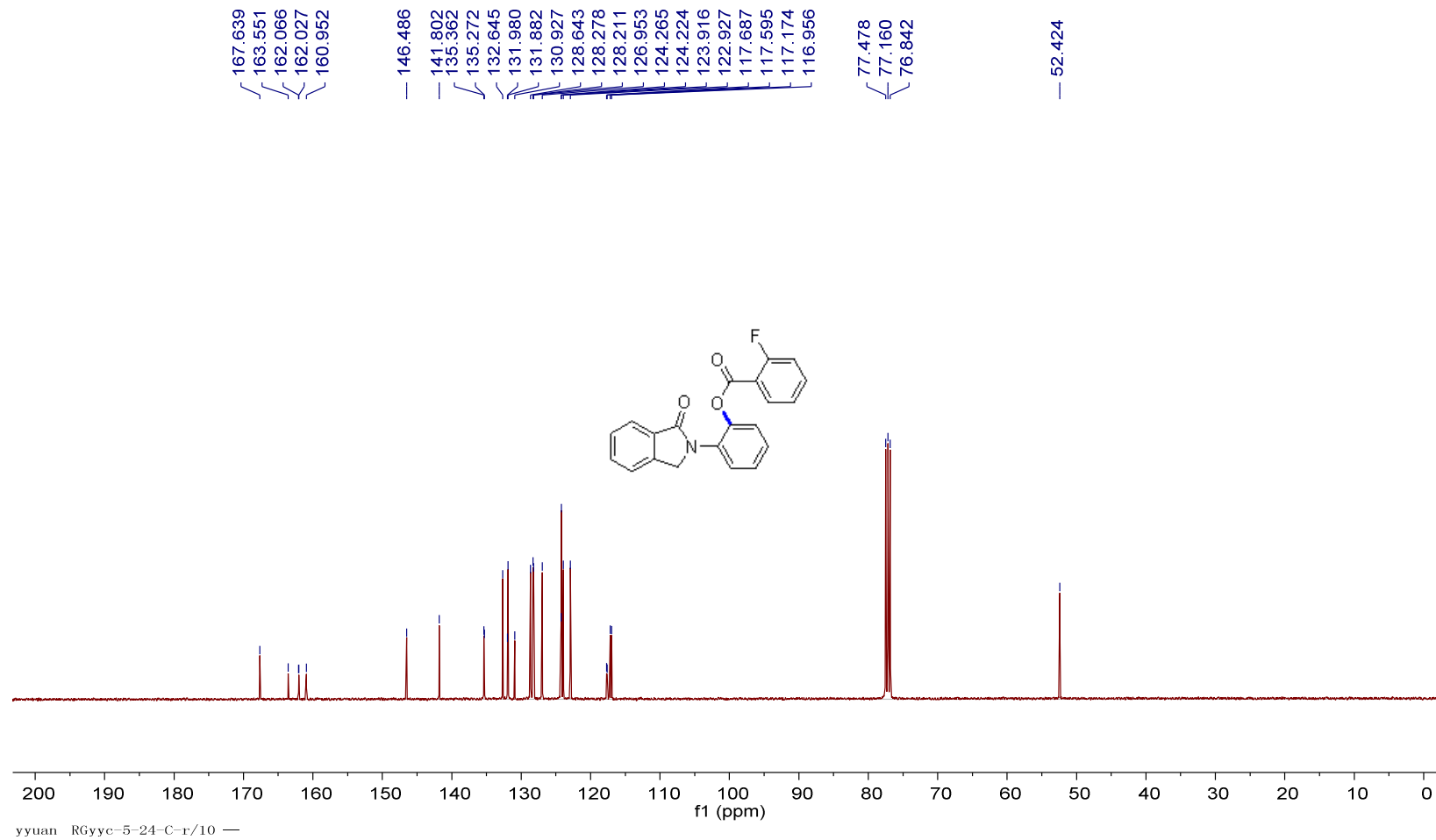
¹H NMR spectrum of **2p**.



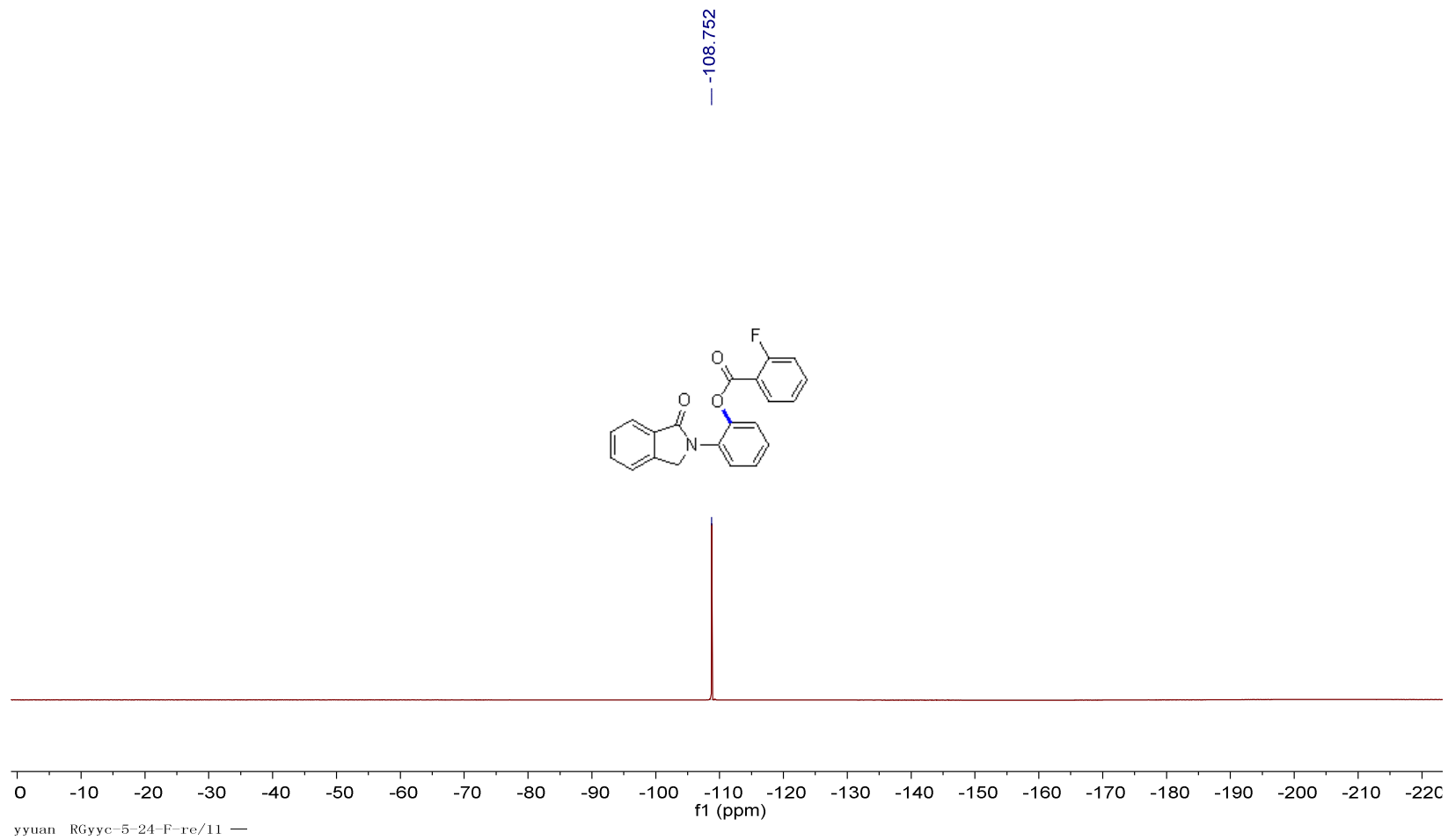
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2p**.



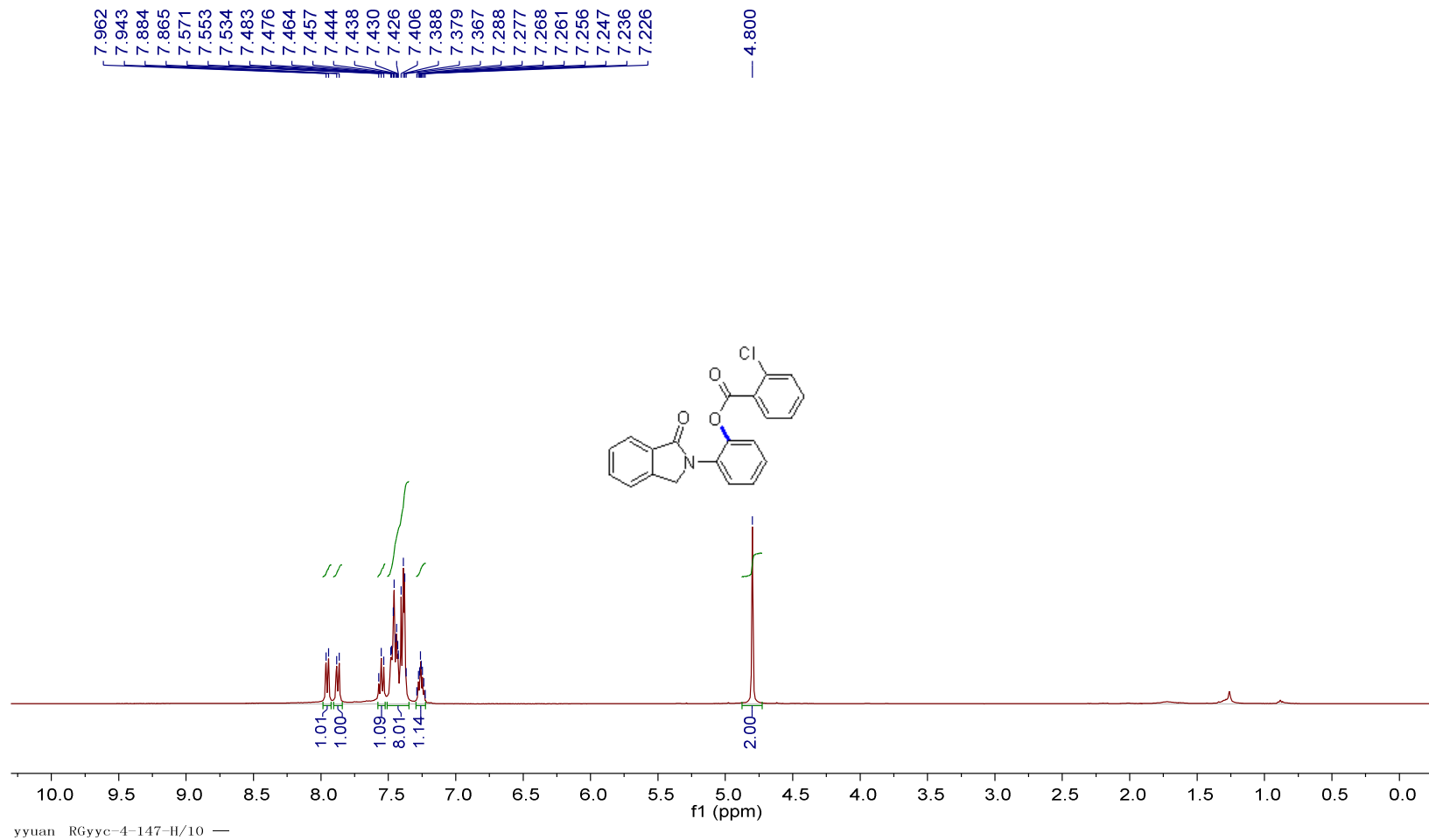
¹H NMR spectrum of **2r**.

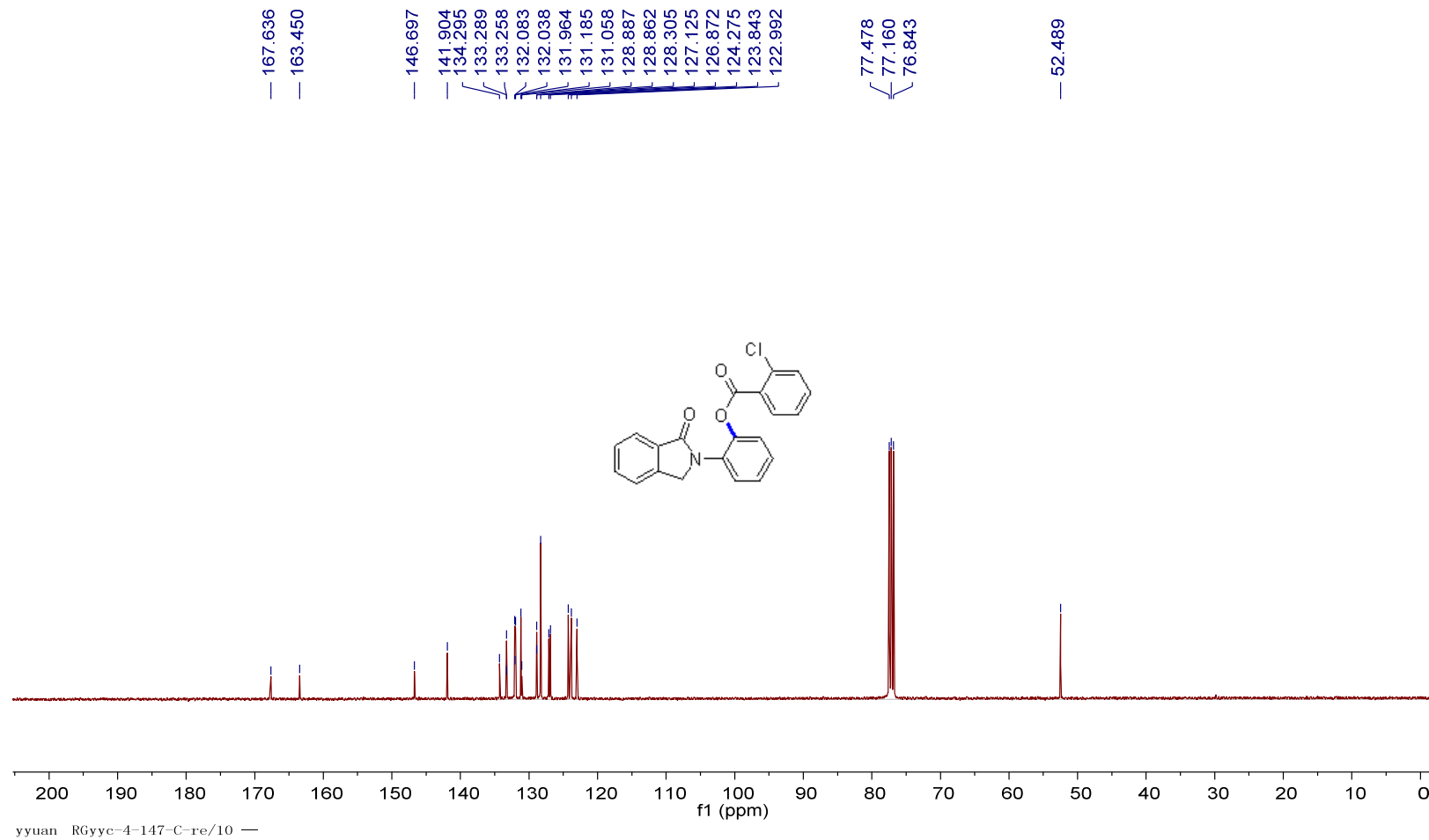


¹³C{¹H} NMR spectrum of **2r**.

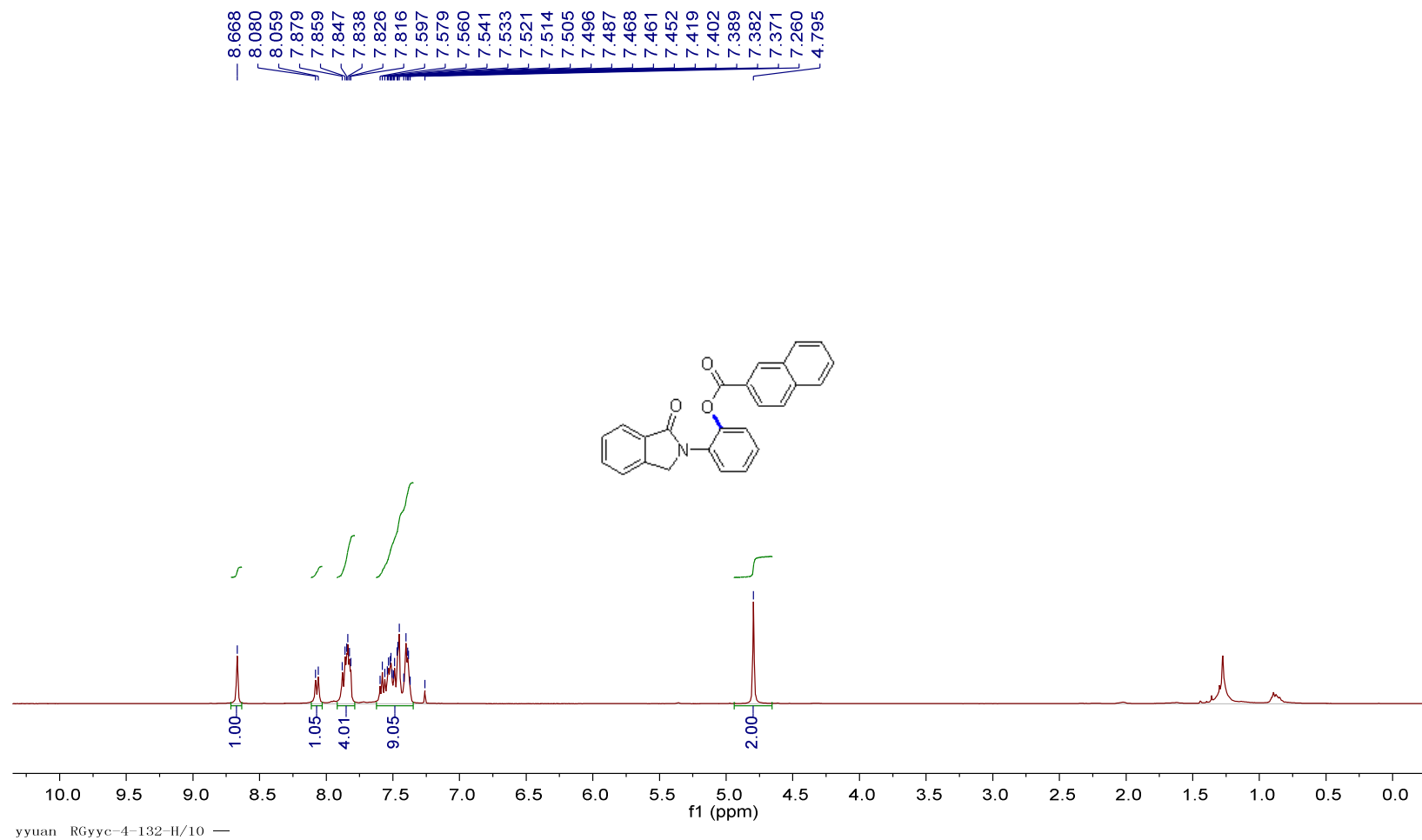


$^{19}\text{F}\{^1\text{H}\}$ NMR spectrum of **2r**.

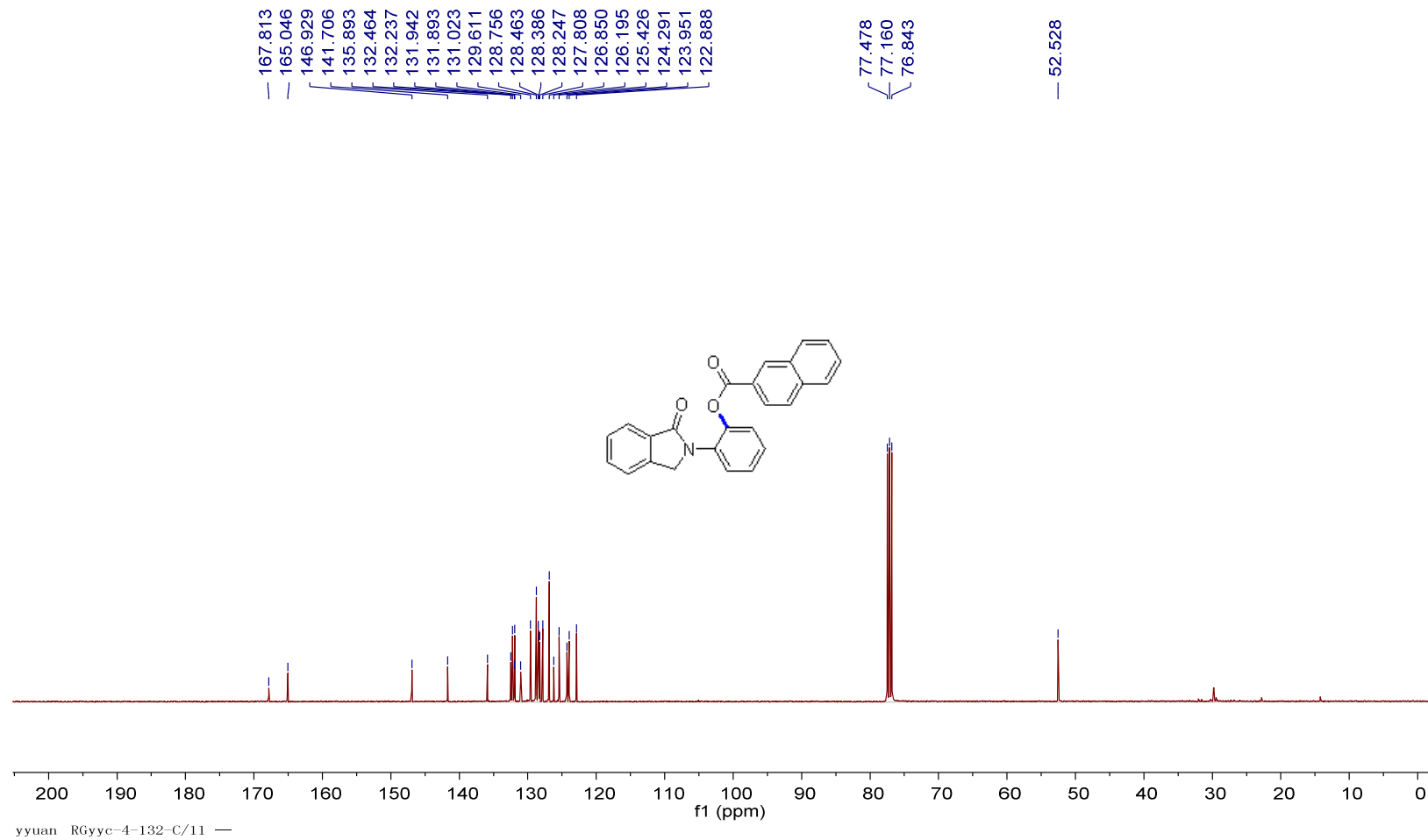




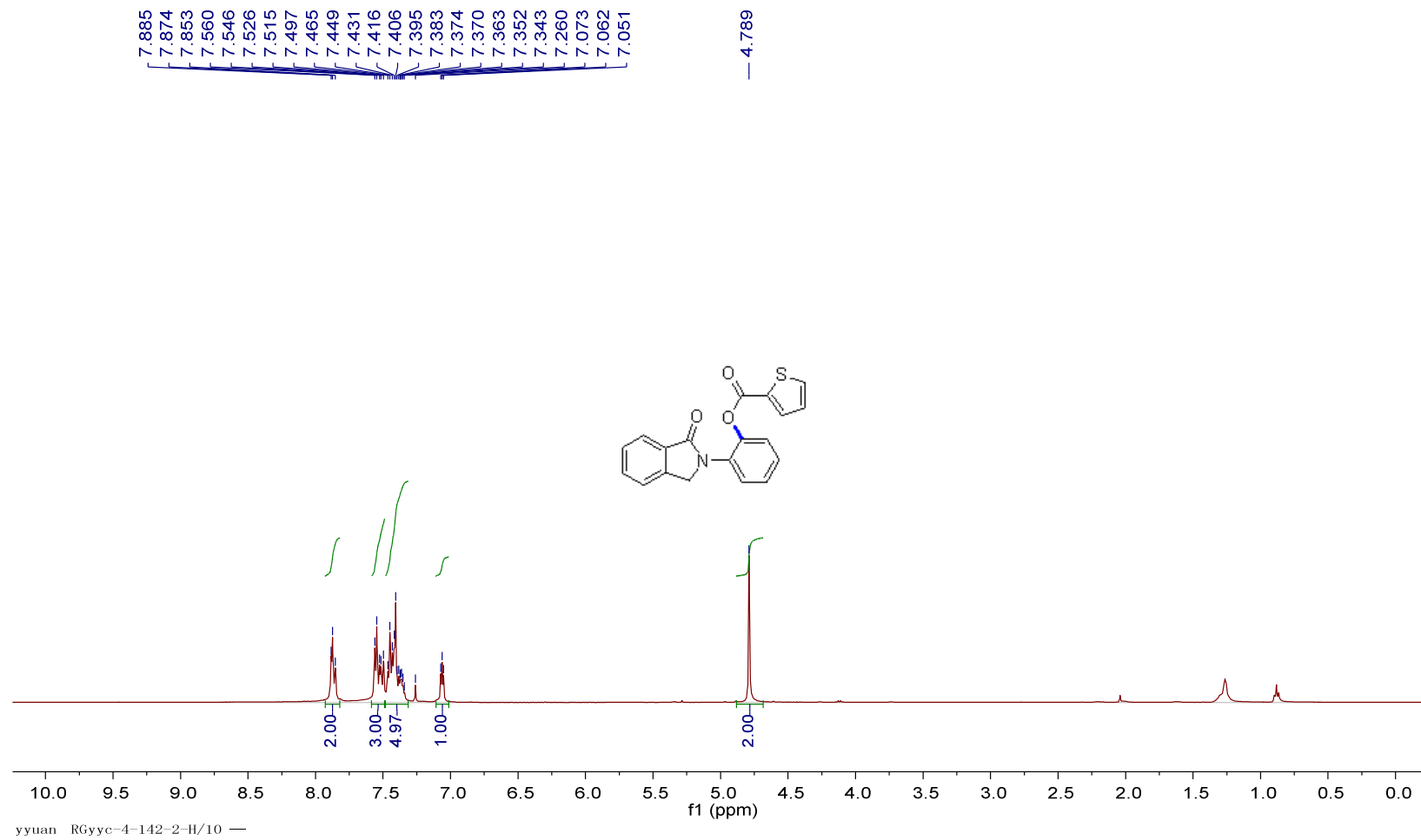
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2s**.



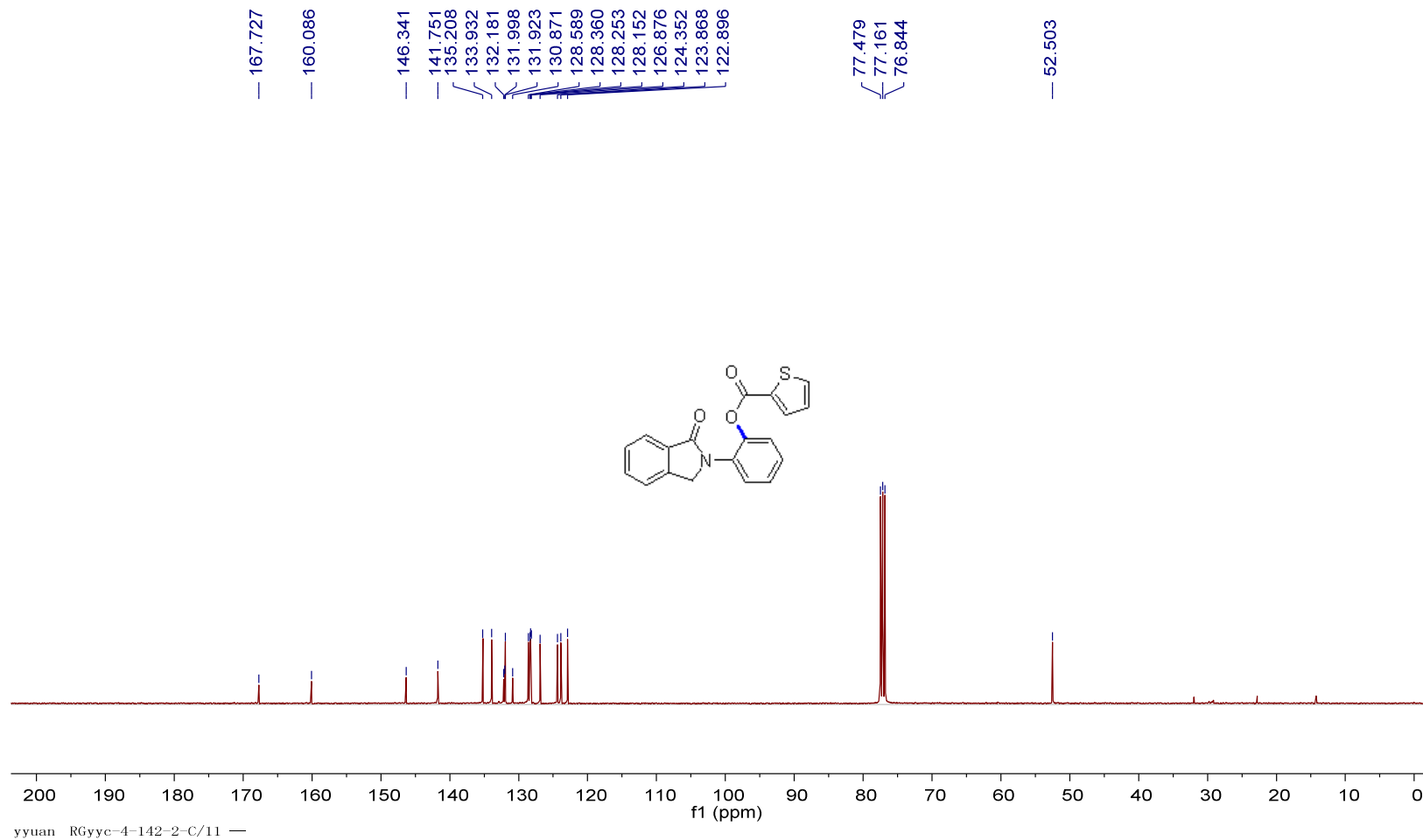
¹H NMR spectrum of **2t**.



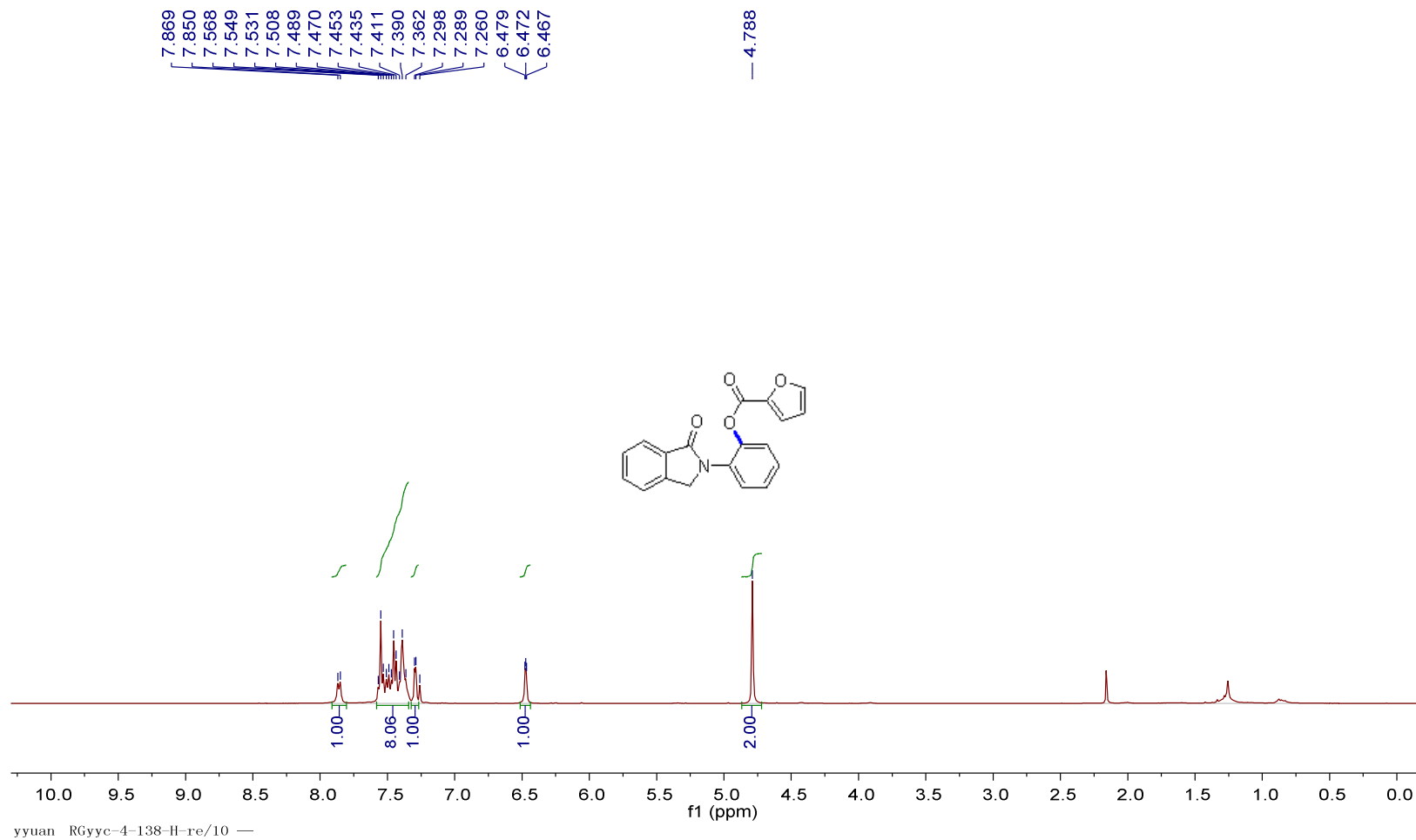
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2t**.



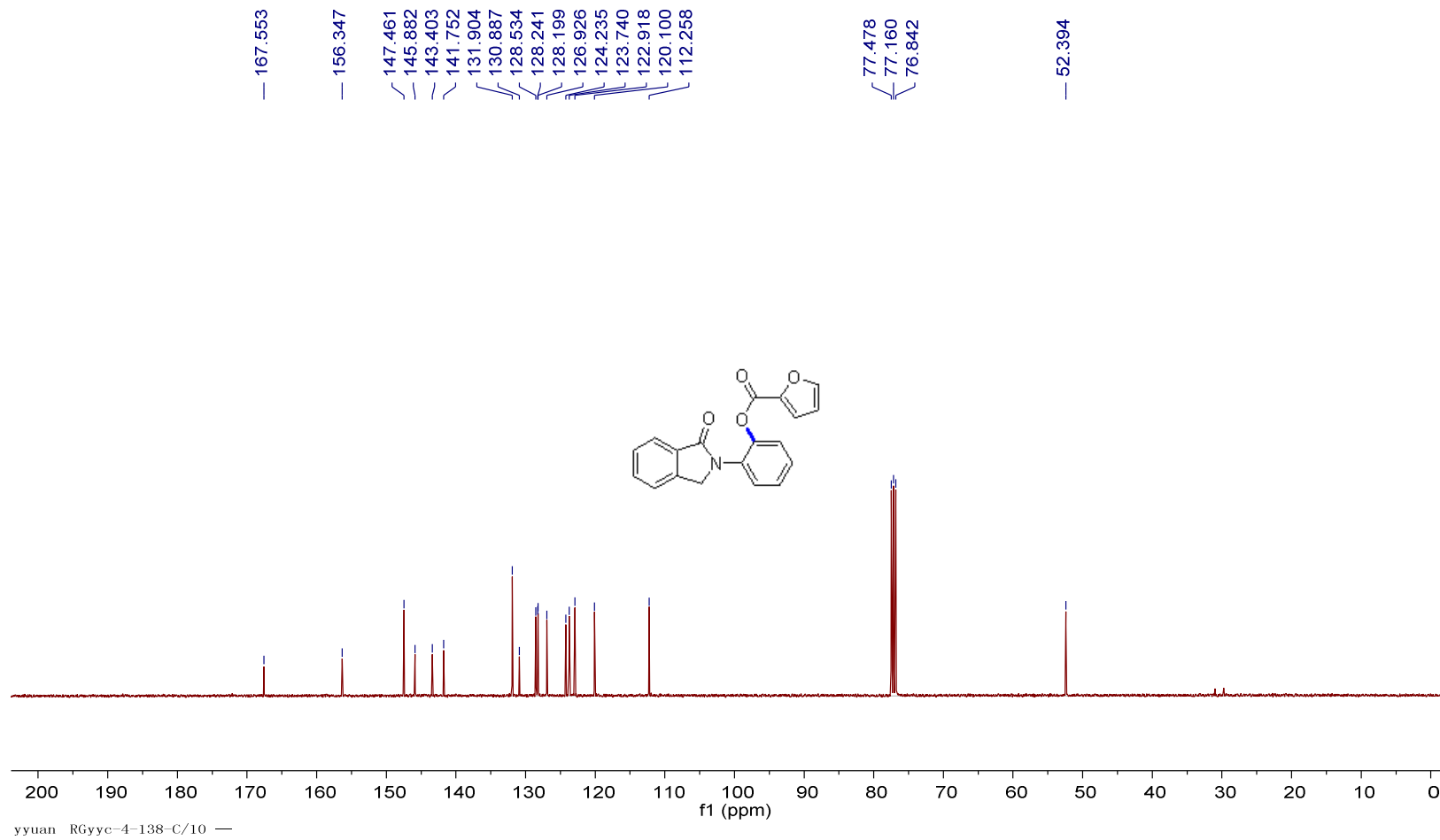
¹H NMR spectrum of **2u**.



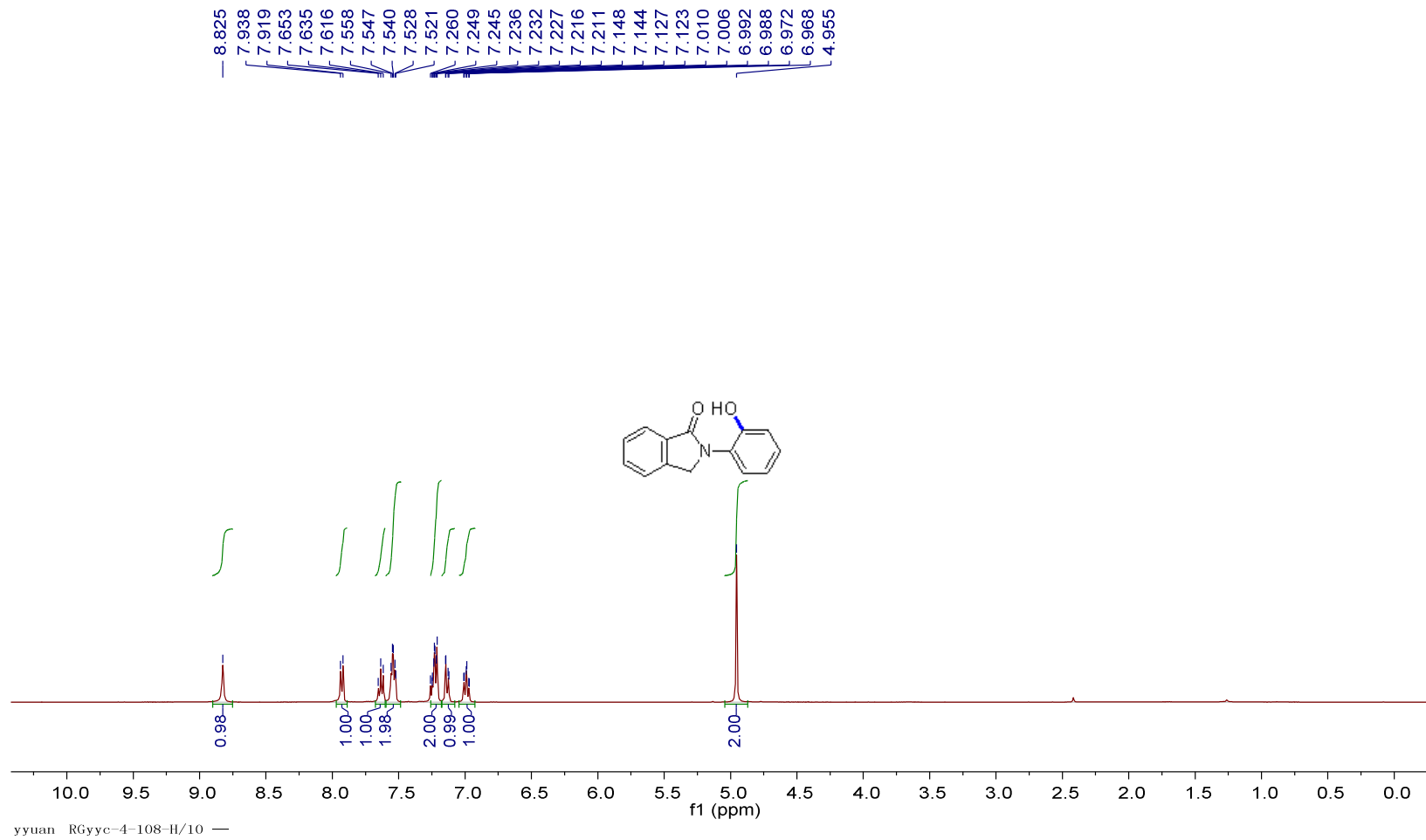
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2u**.



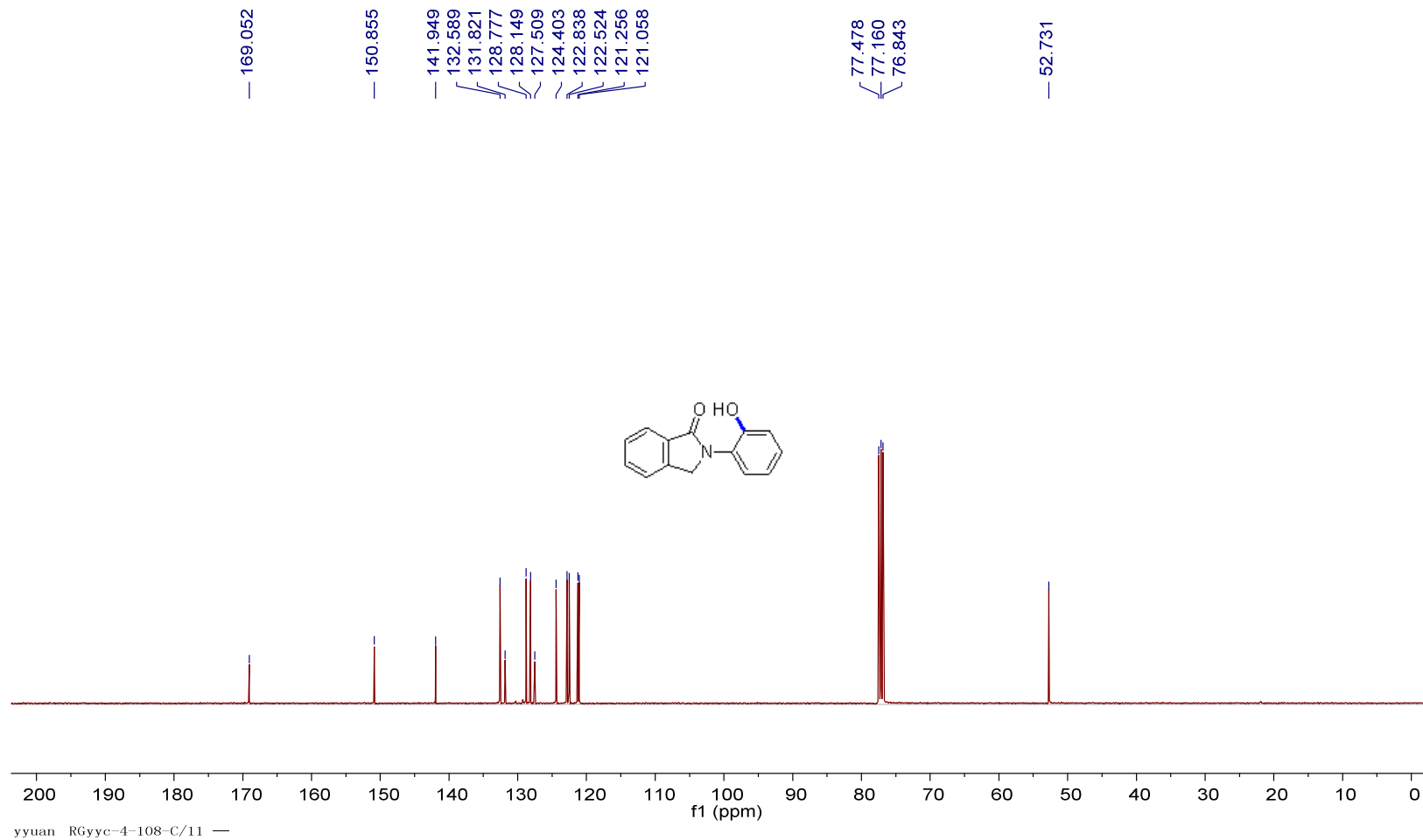
^1H NMR spectrum of **2v**.



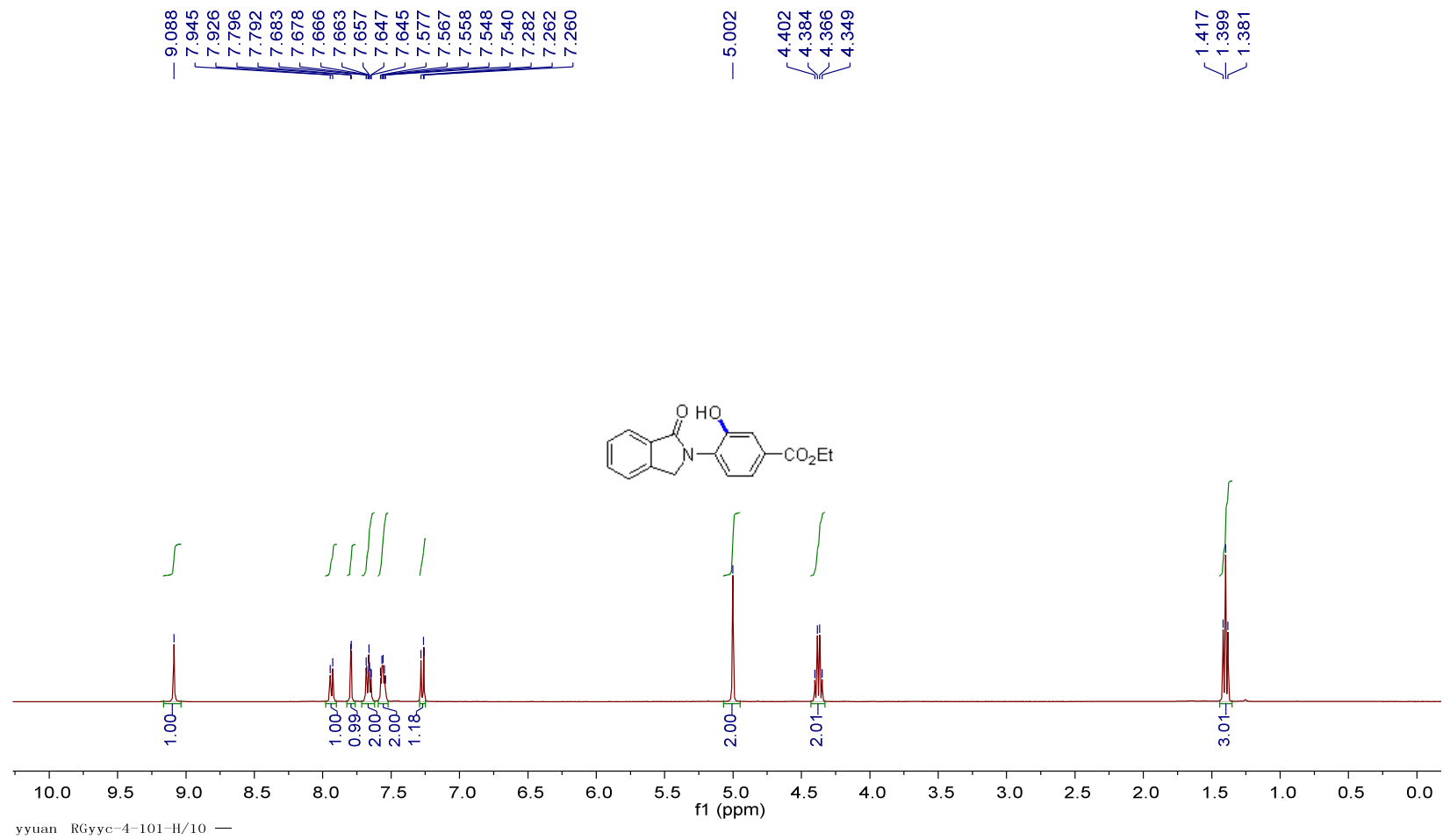
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **2v**.



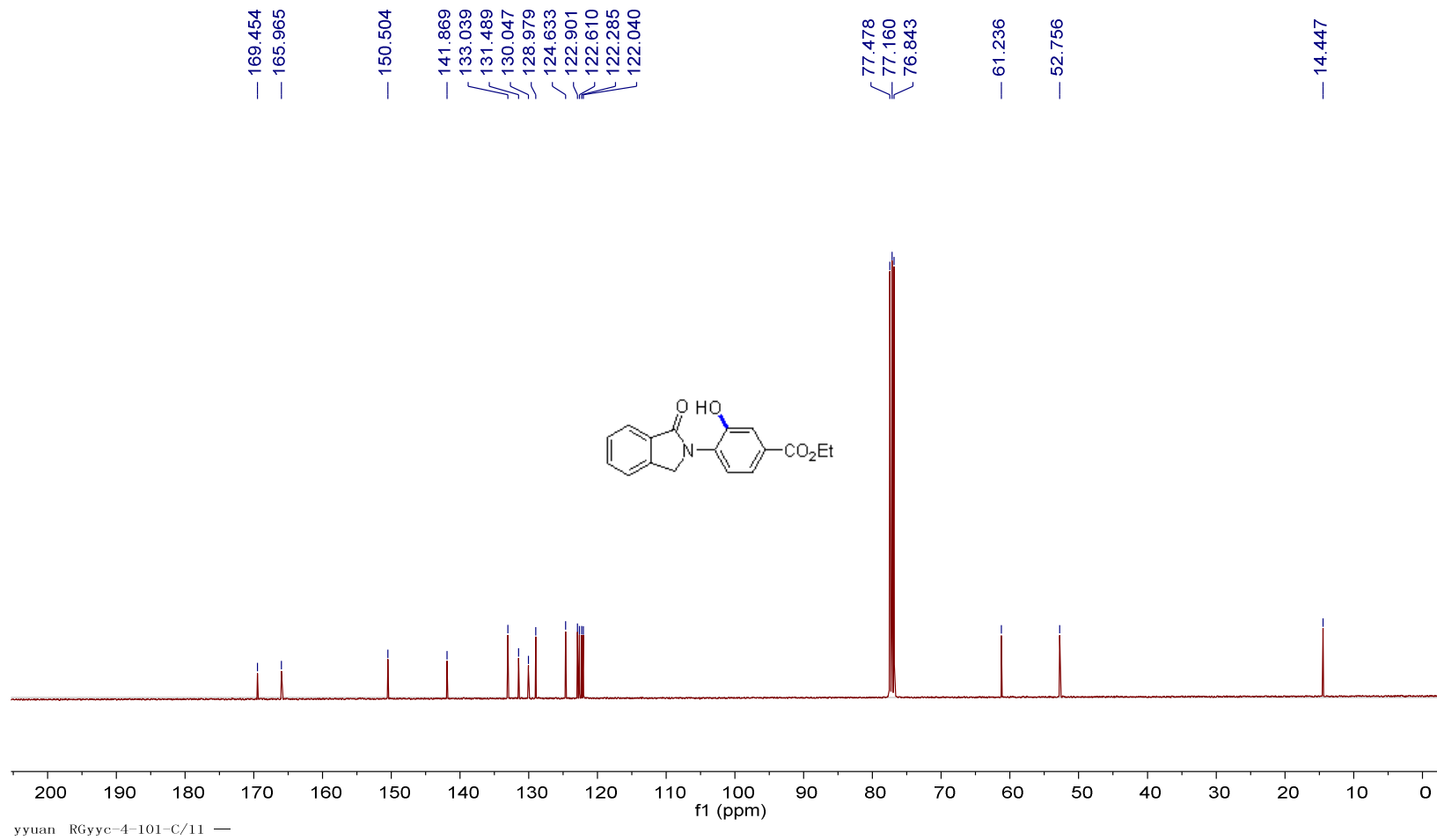
^1H NMR spectrum of **3**.



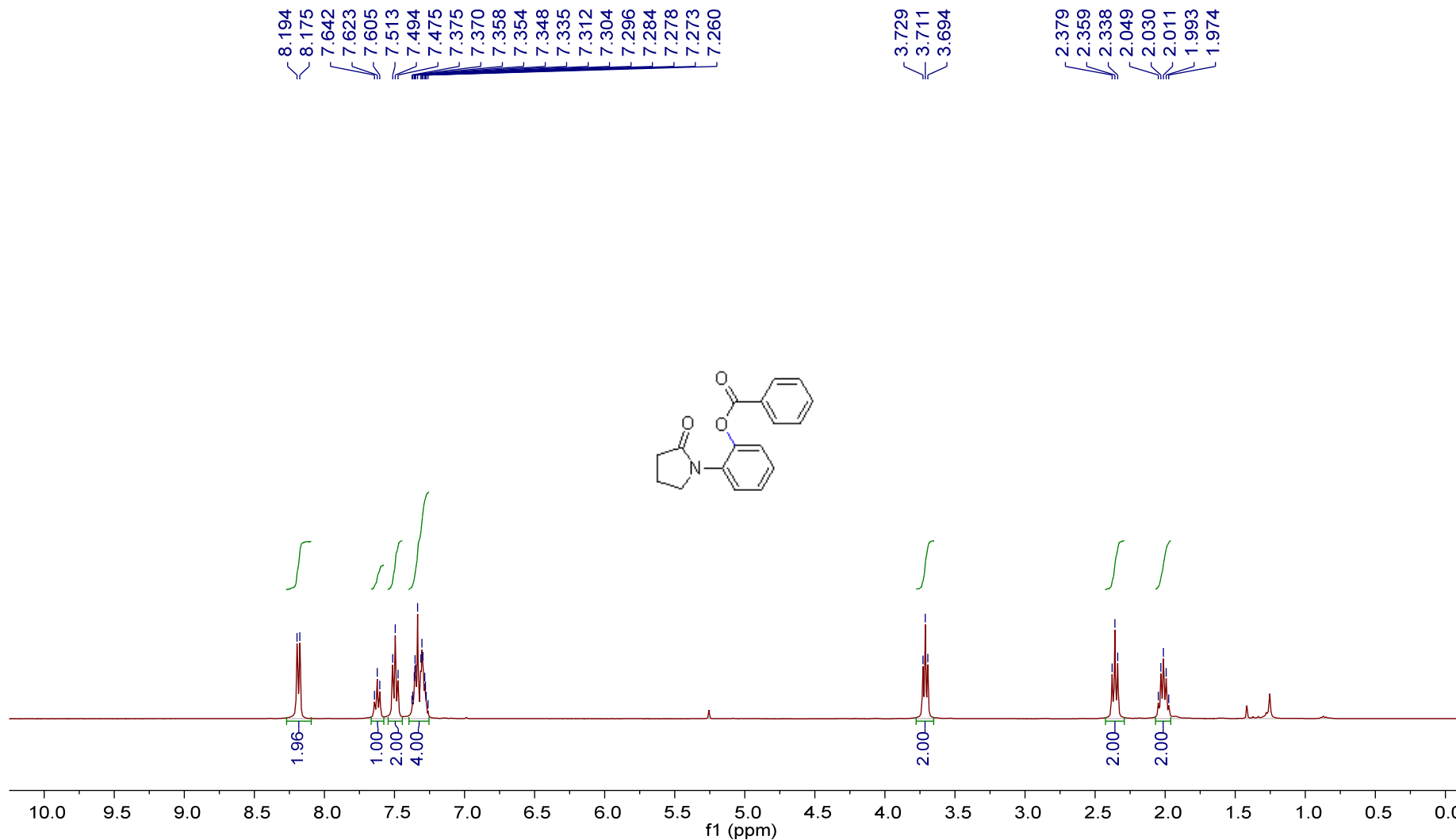
$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **3**.



¹H NMR spectrum of 4.

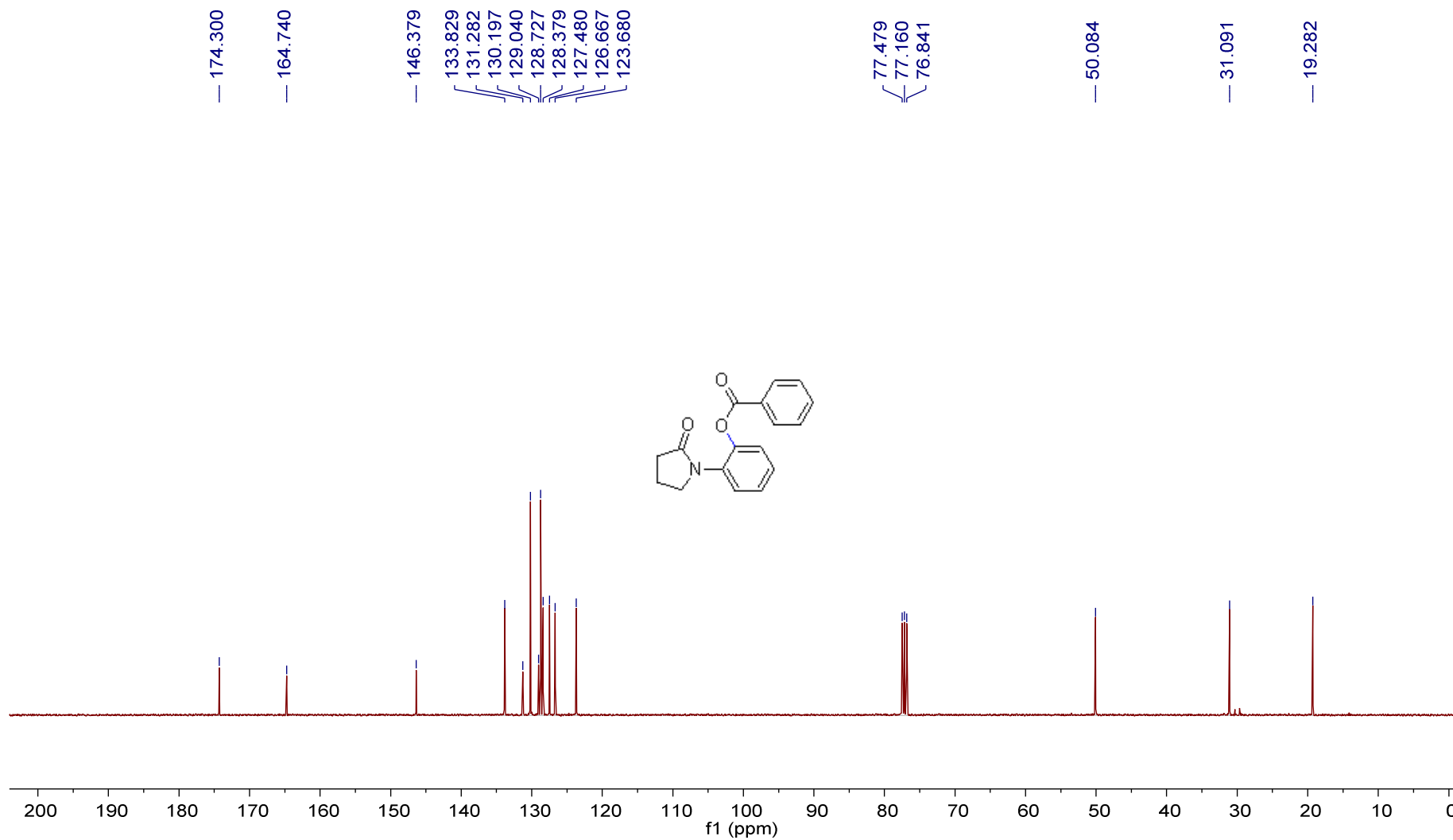


$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **4**.



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¹H NMR spectrum of 9.



$^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of **9**.