

## **Electronic Supplementary Information**

### **Synthesis of 6-Arylsubstituted 4-quinolones via Suzuki Cross Coupling**

Department of Chemistry, University of North Bengal, Darjeeling 734 013, INDIA

E-mail: sajal.das@hotmail.com

*Department of Chemistry*

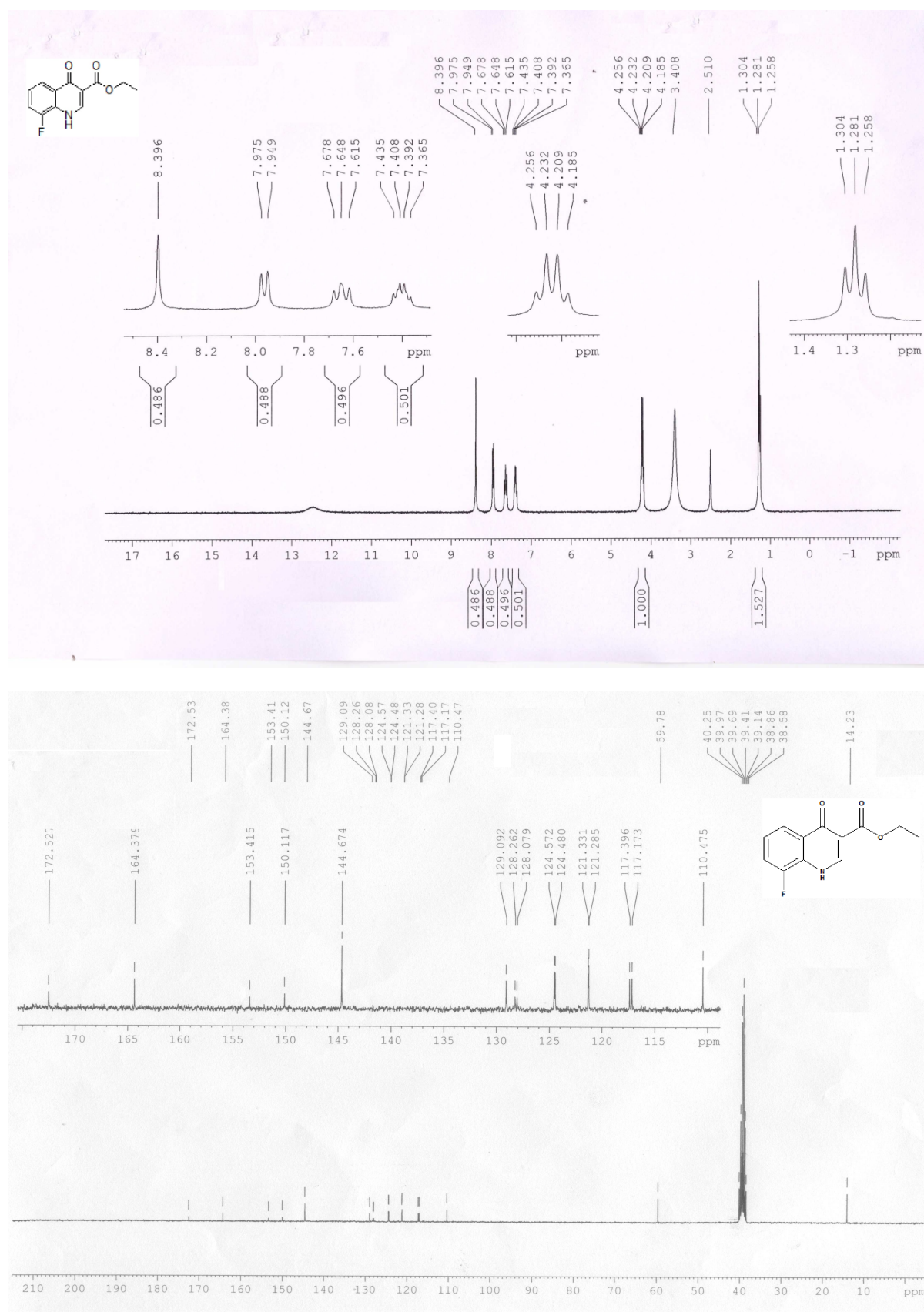
*North Bengal University*

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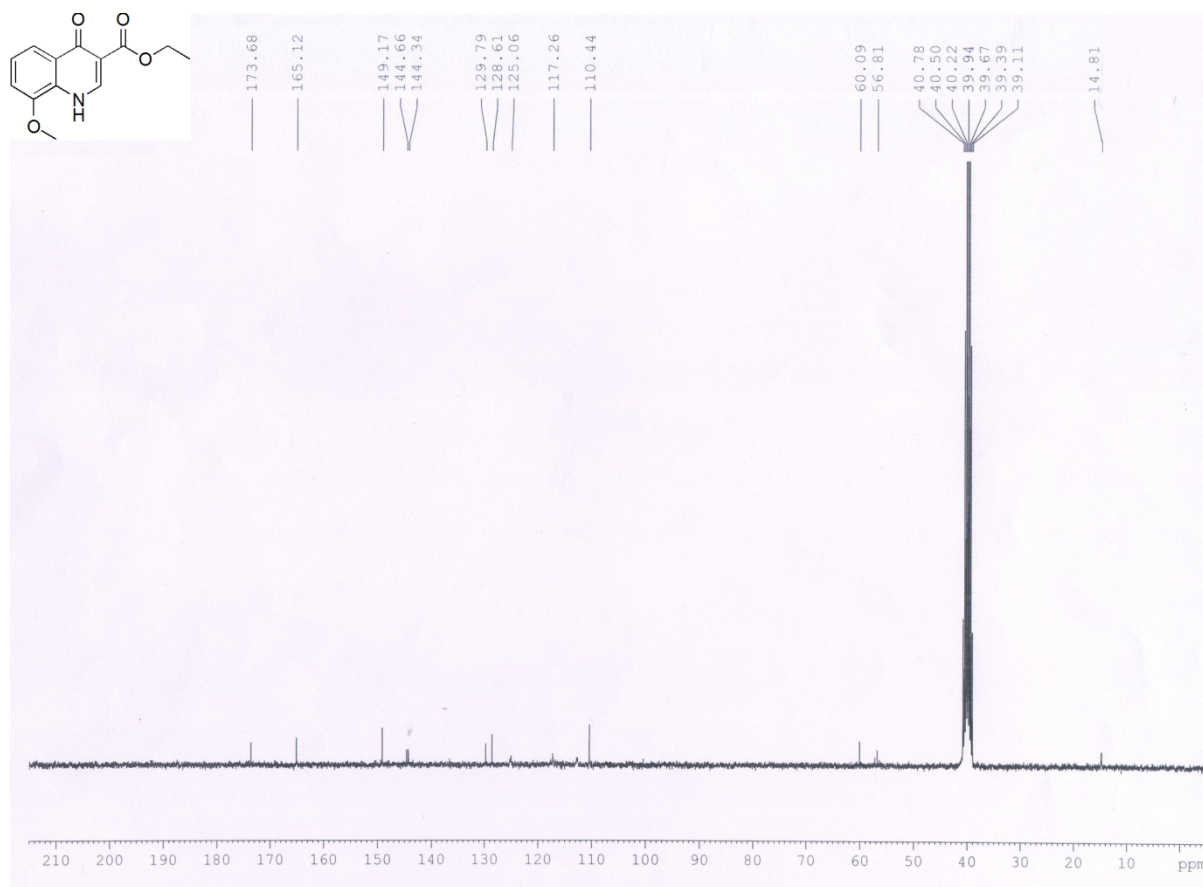
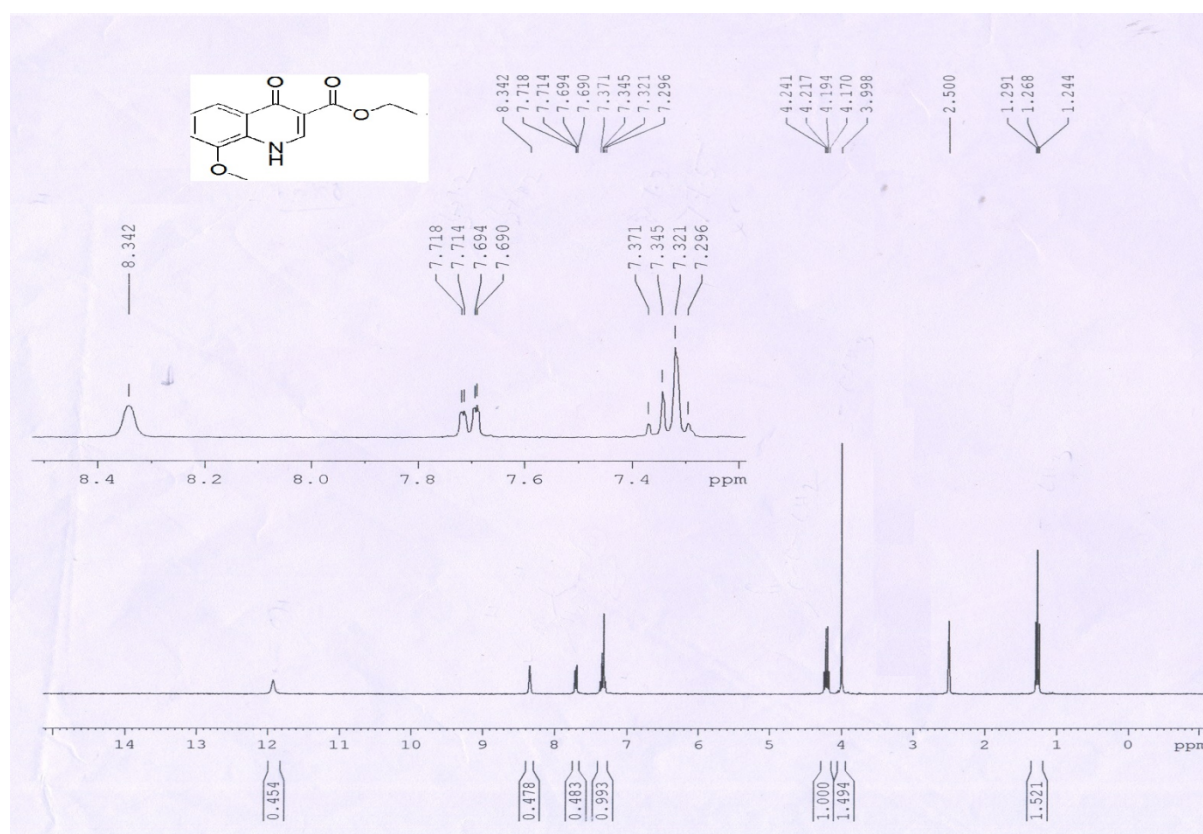
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$^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of 1a :

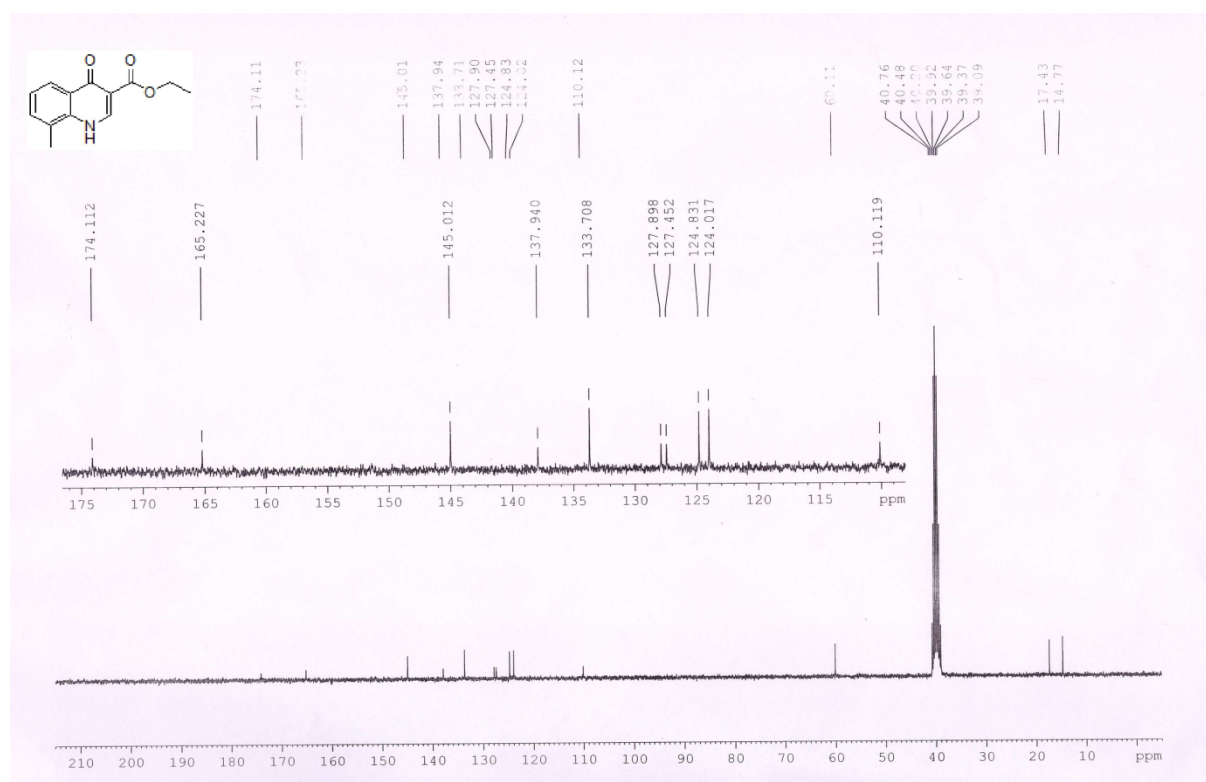
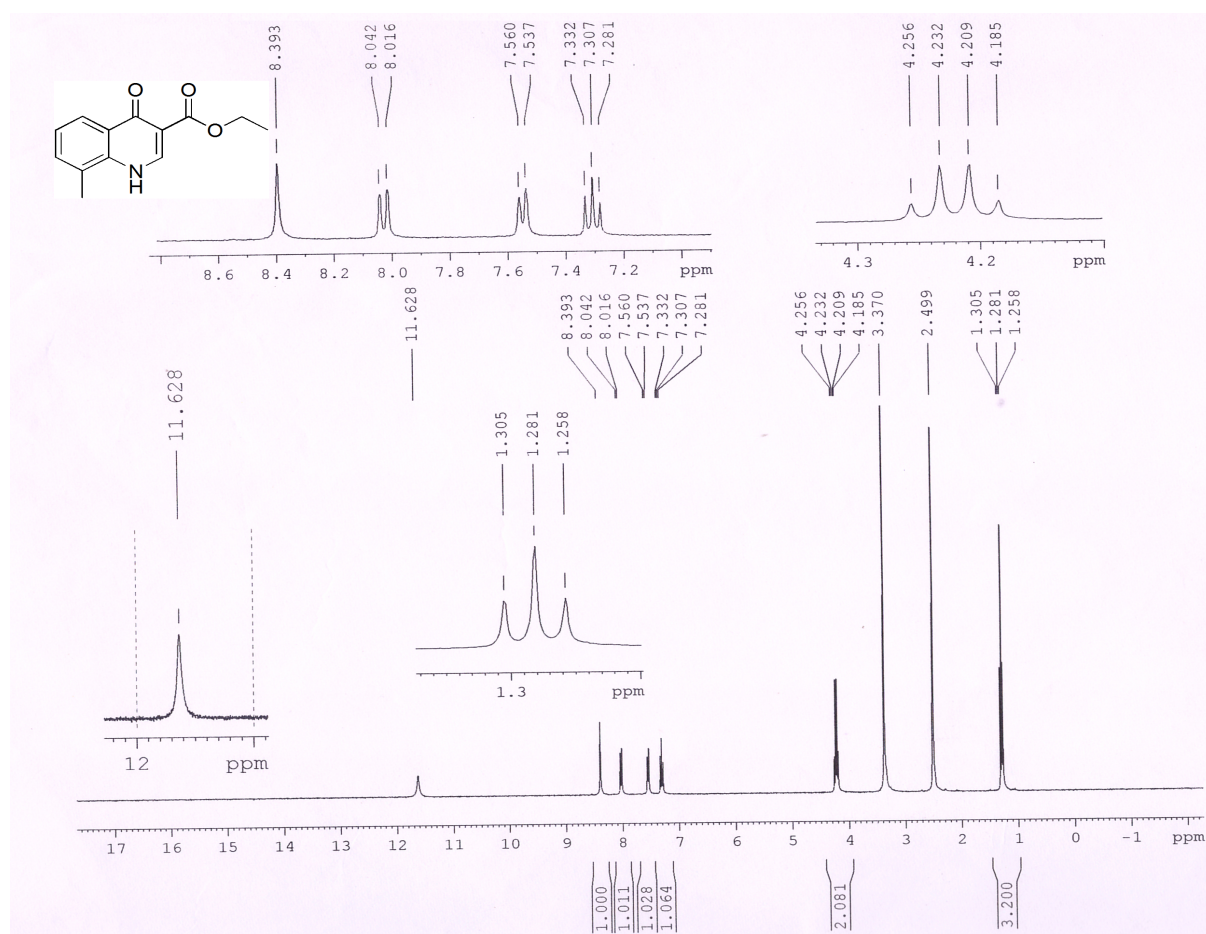


$^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of 1b

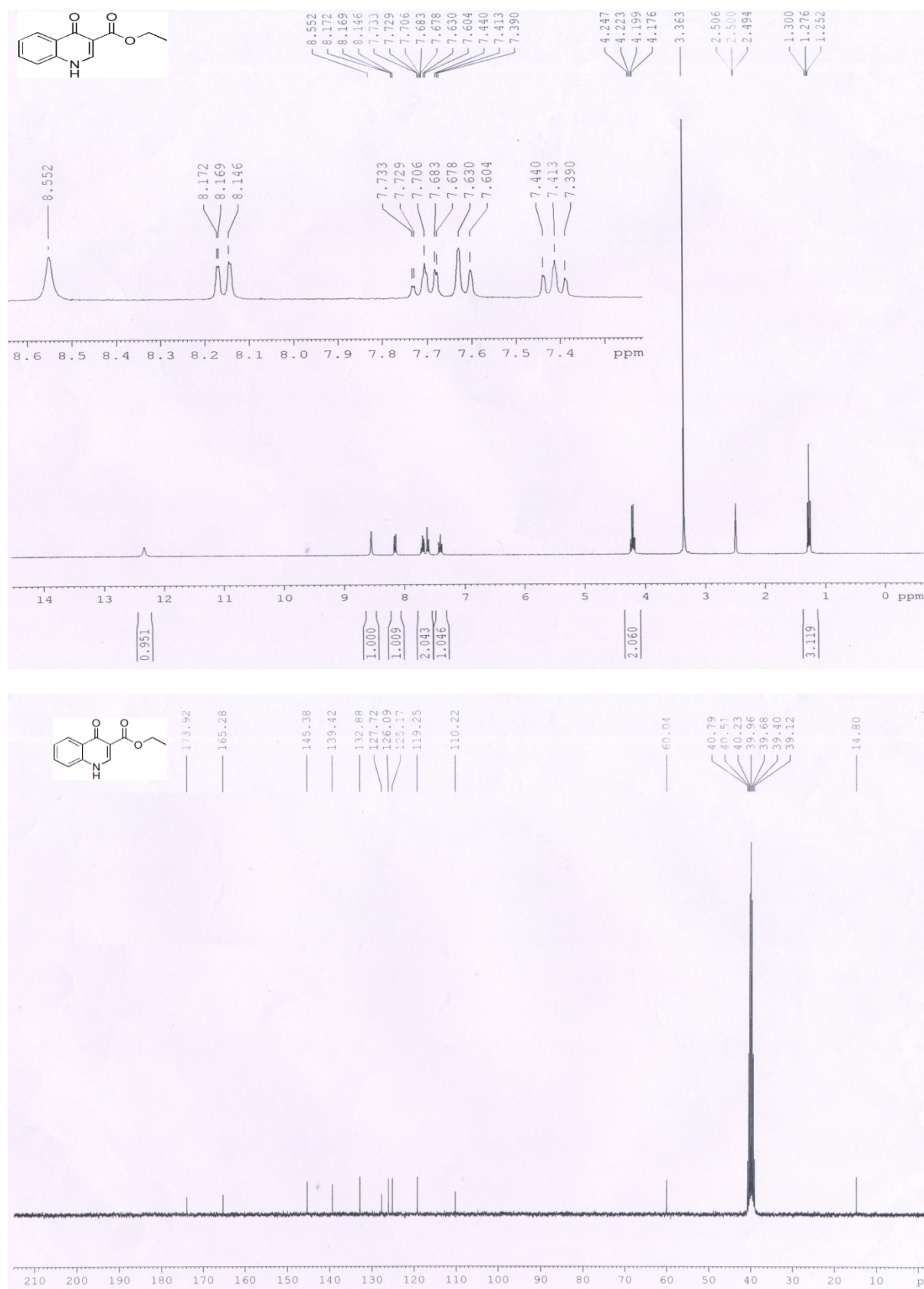




# <sup>1</sup>H and <sup>13</sup>C NMR spectra of 1c

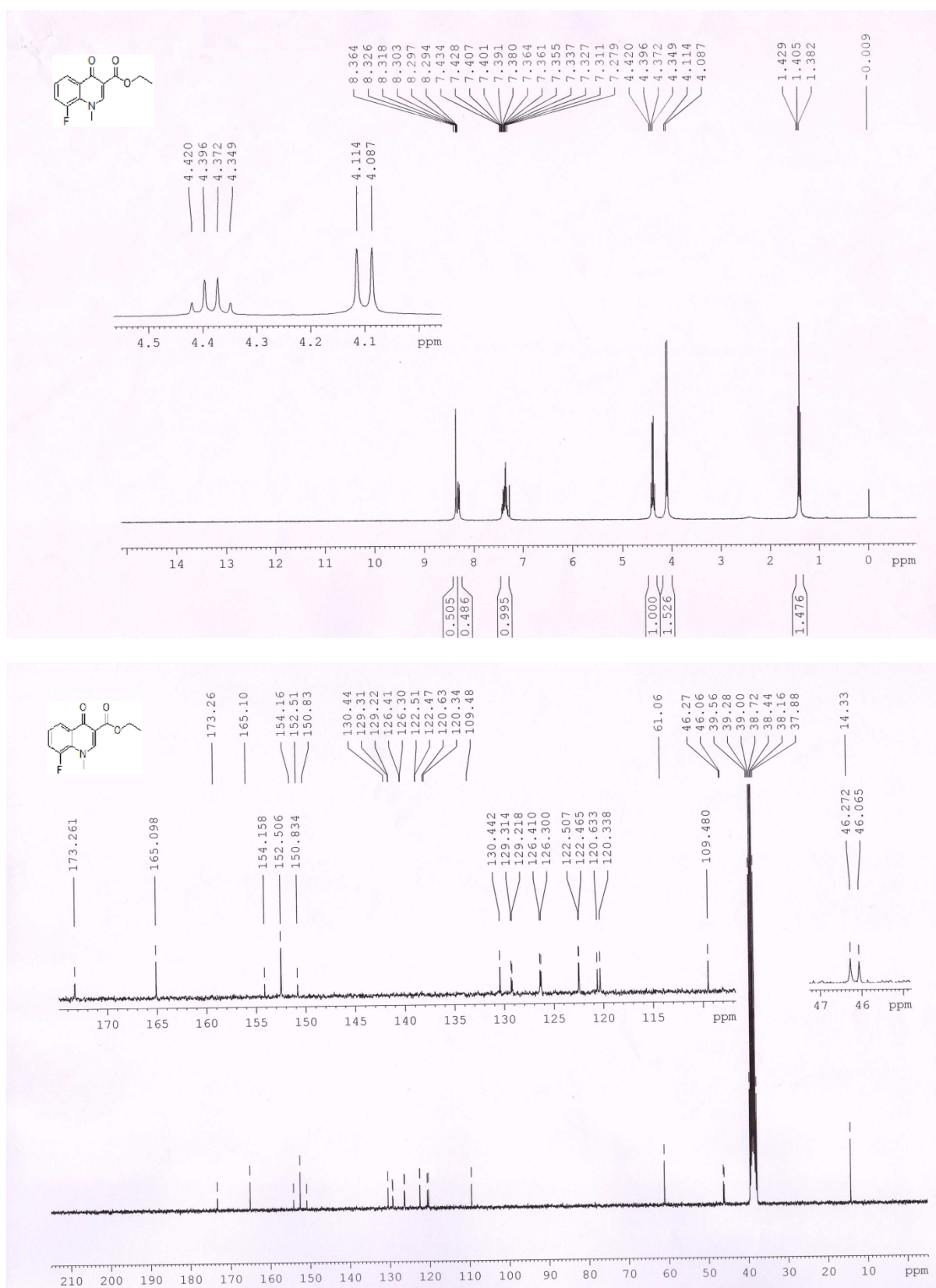


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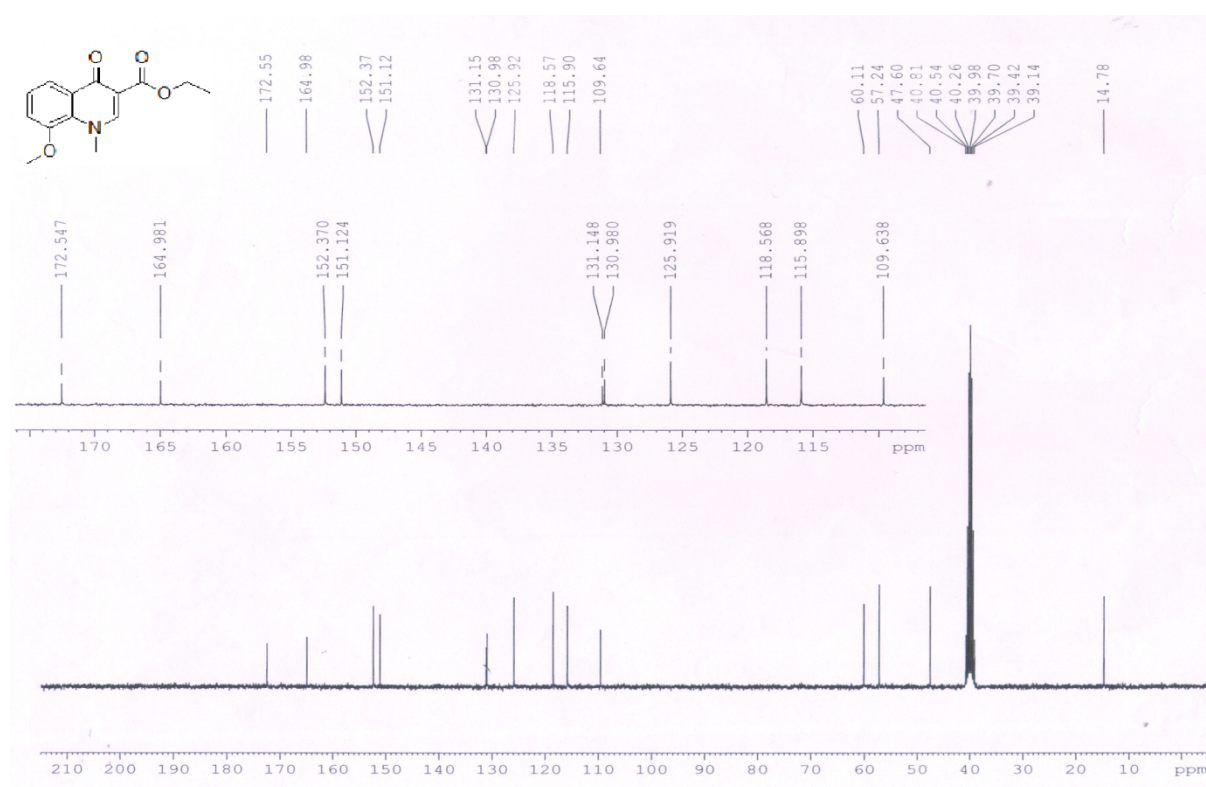
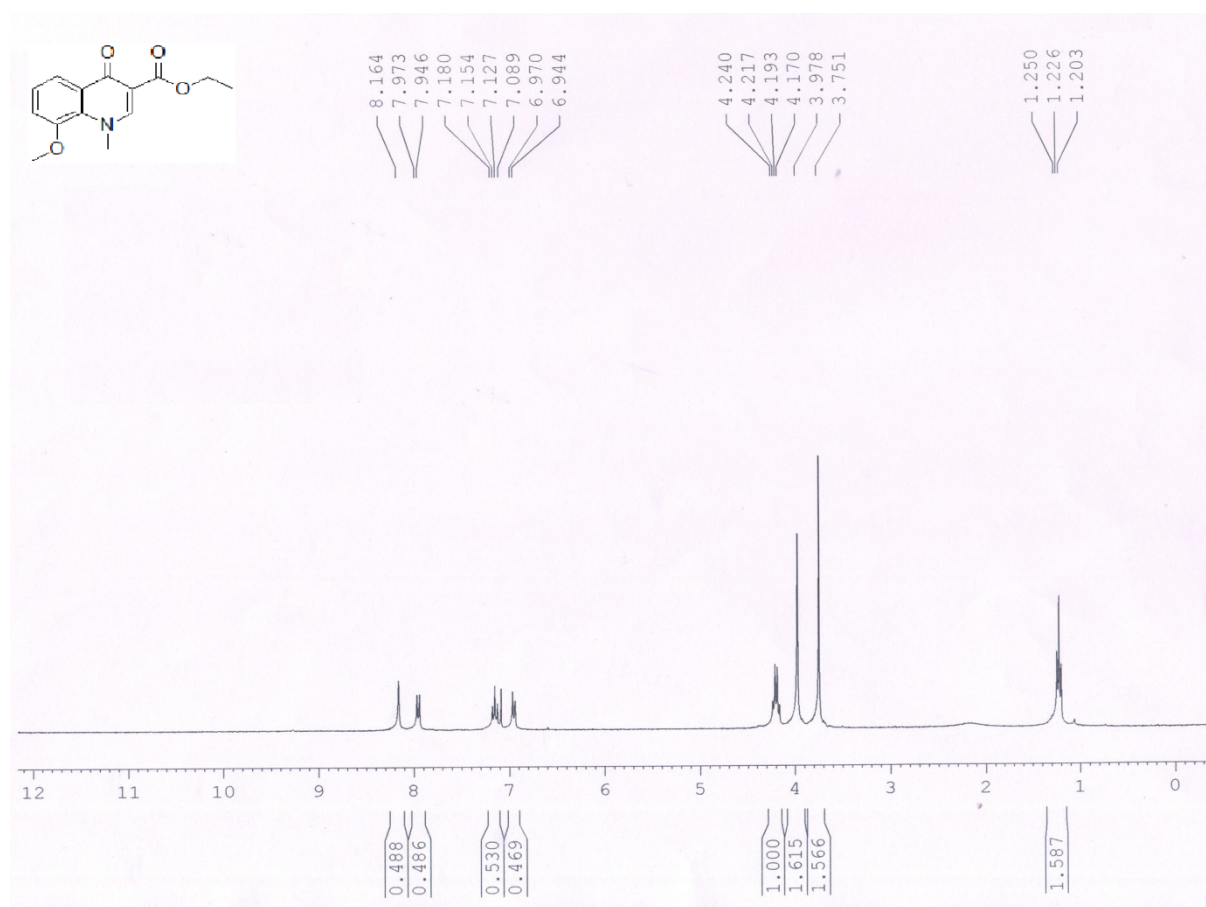




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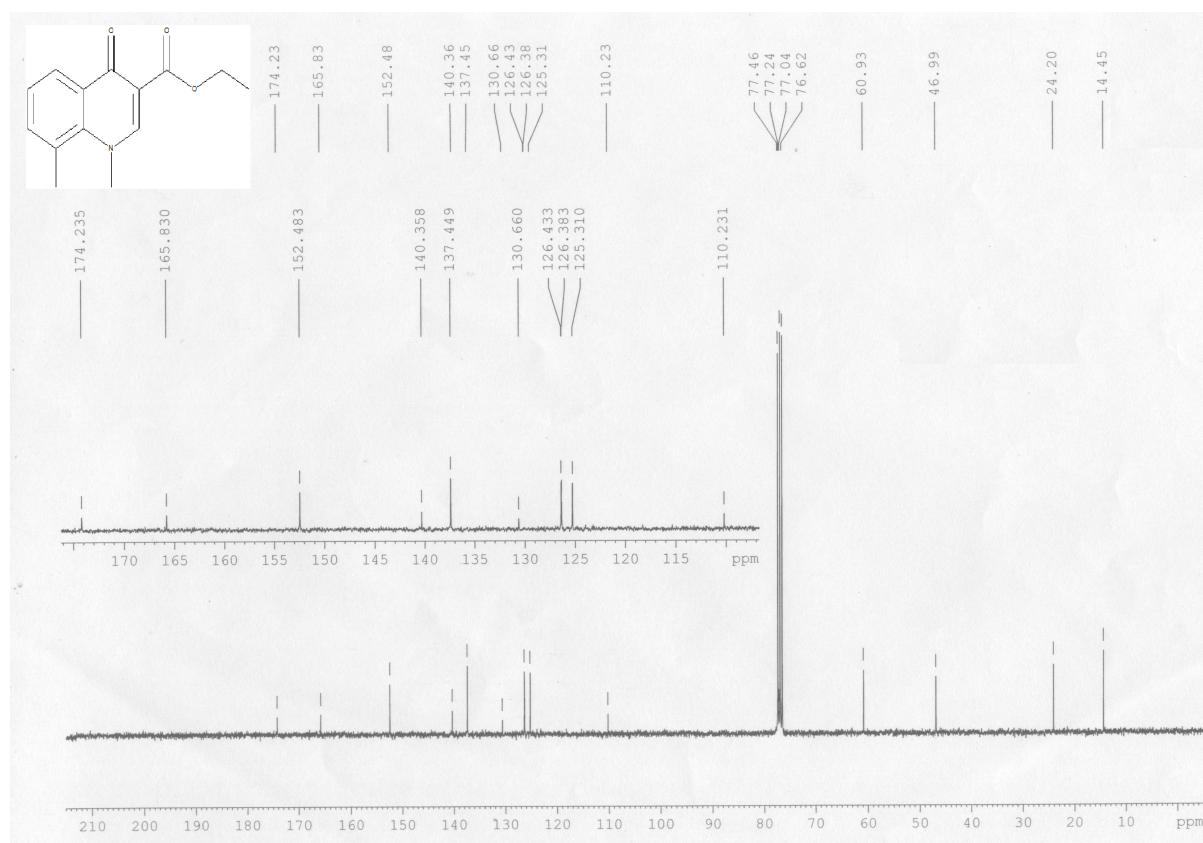
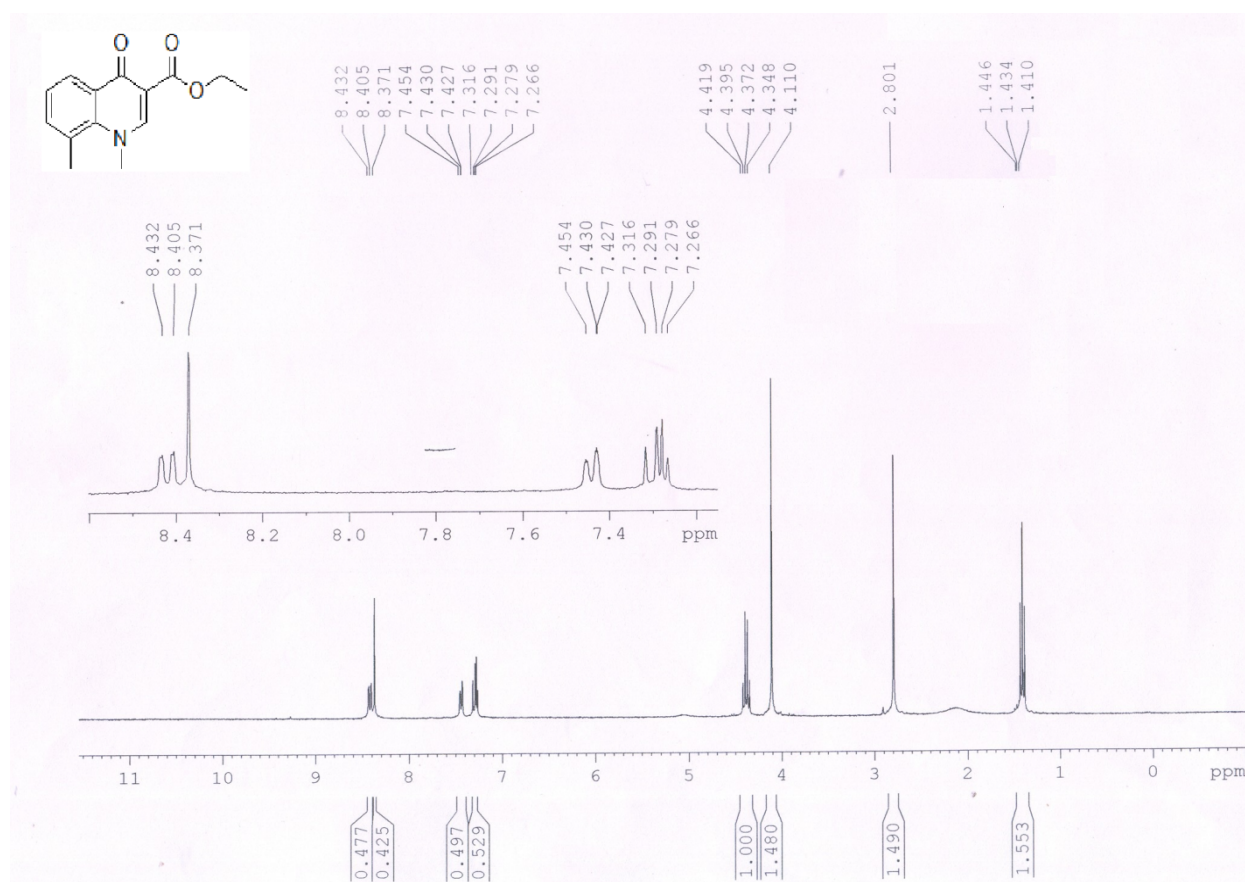


# <sup>1</sup>H and <sup>13</sup>C NMR spectra of 2b

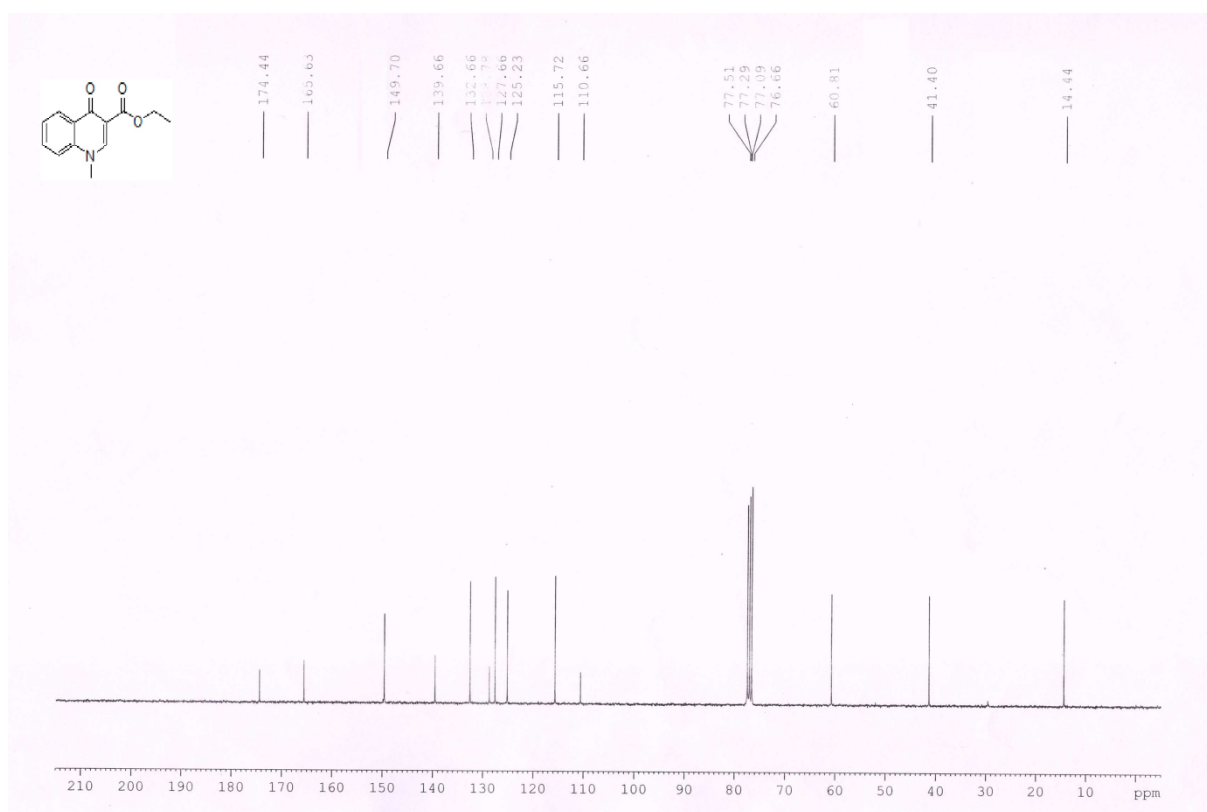
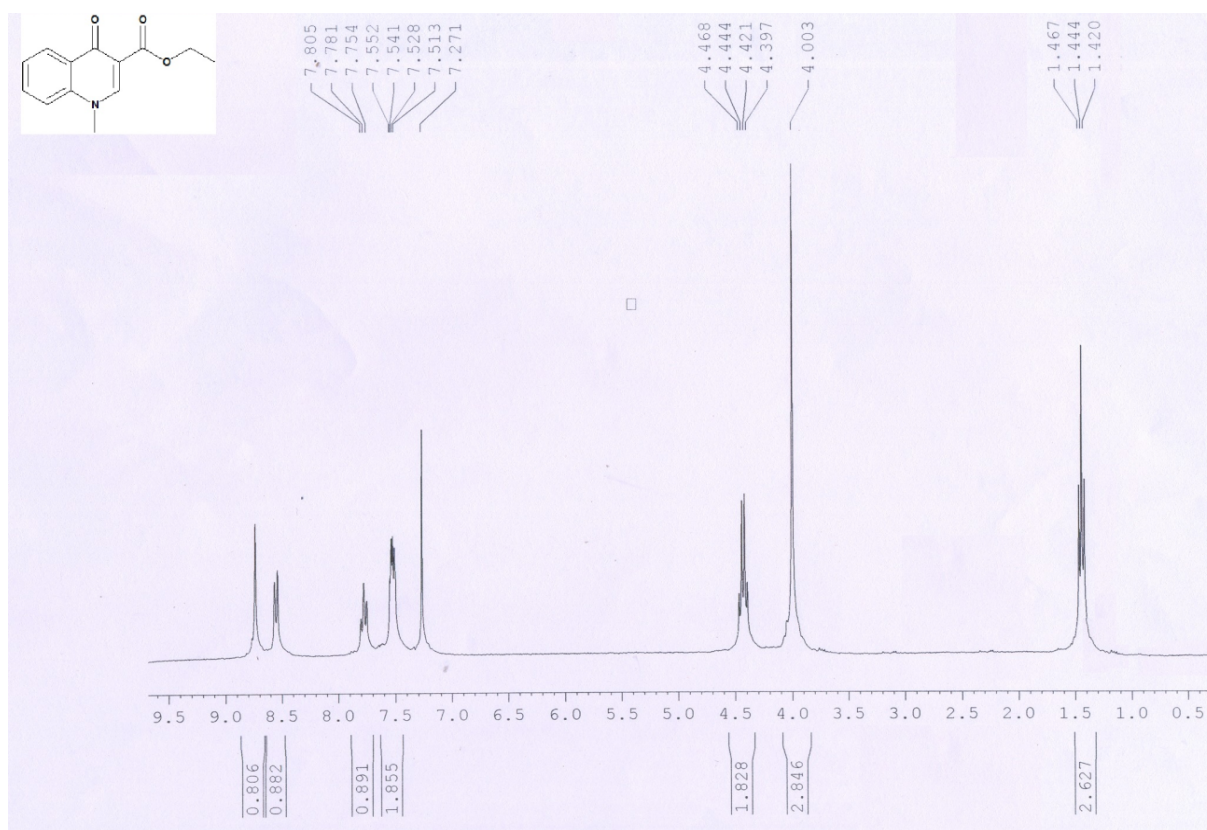




# <sup>1</sup>H and <sup>13</sup>C NMR spectra of 2c

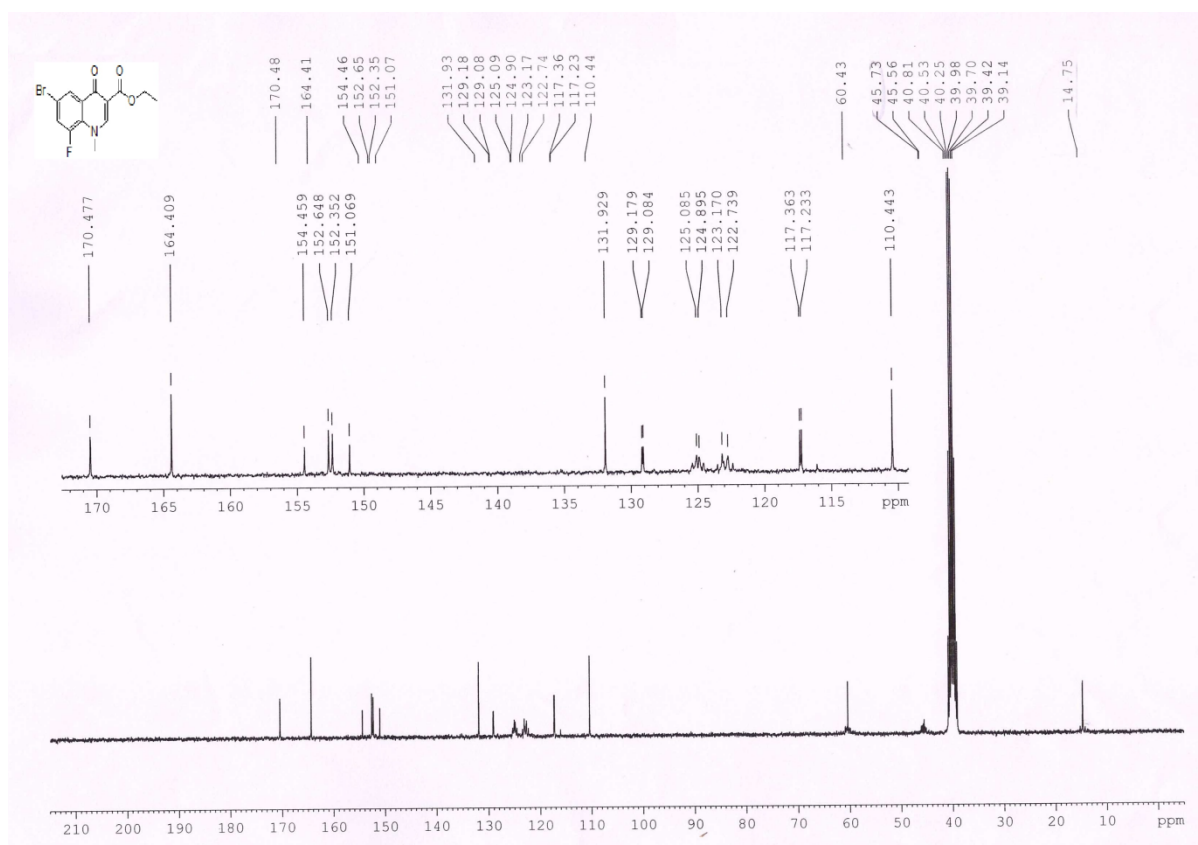
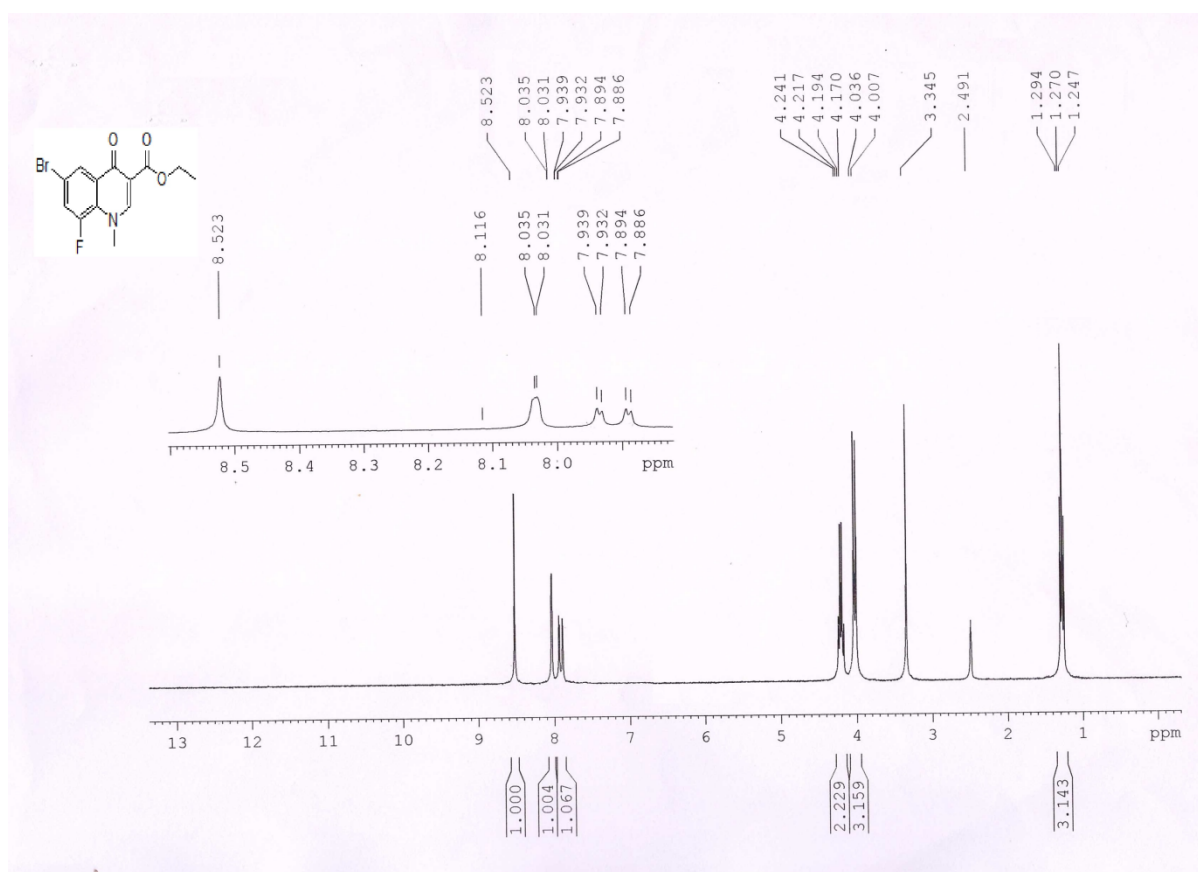


$^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of 2d

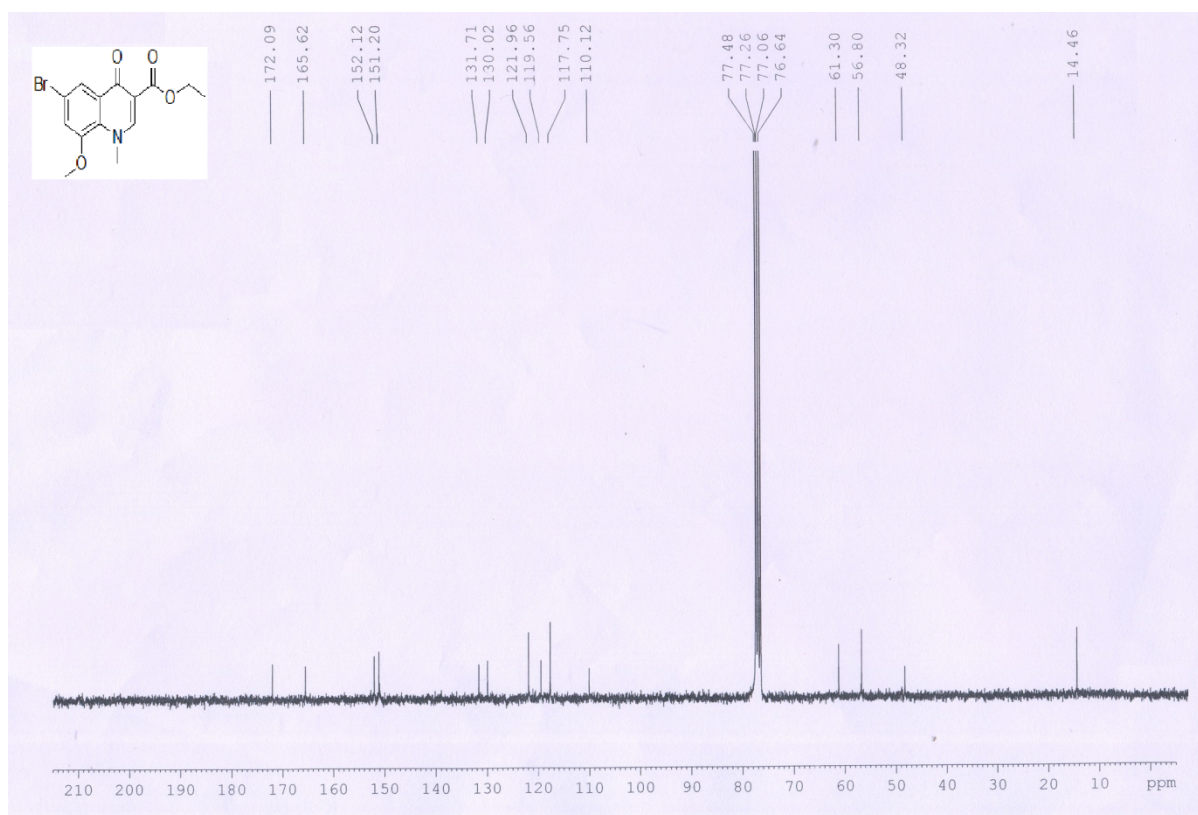
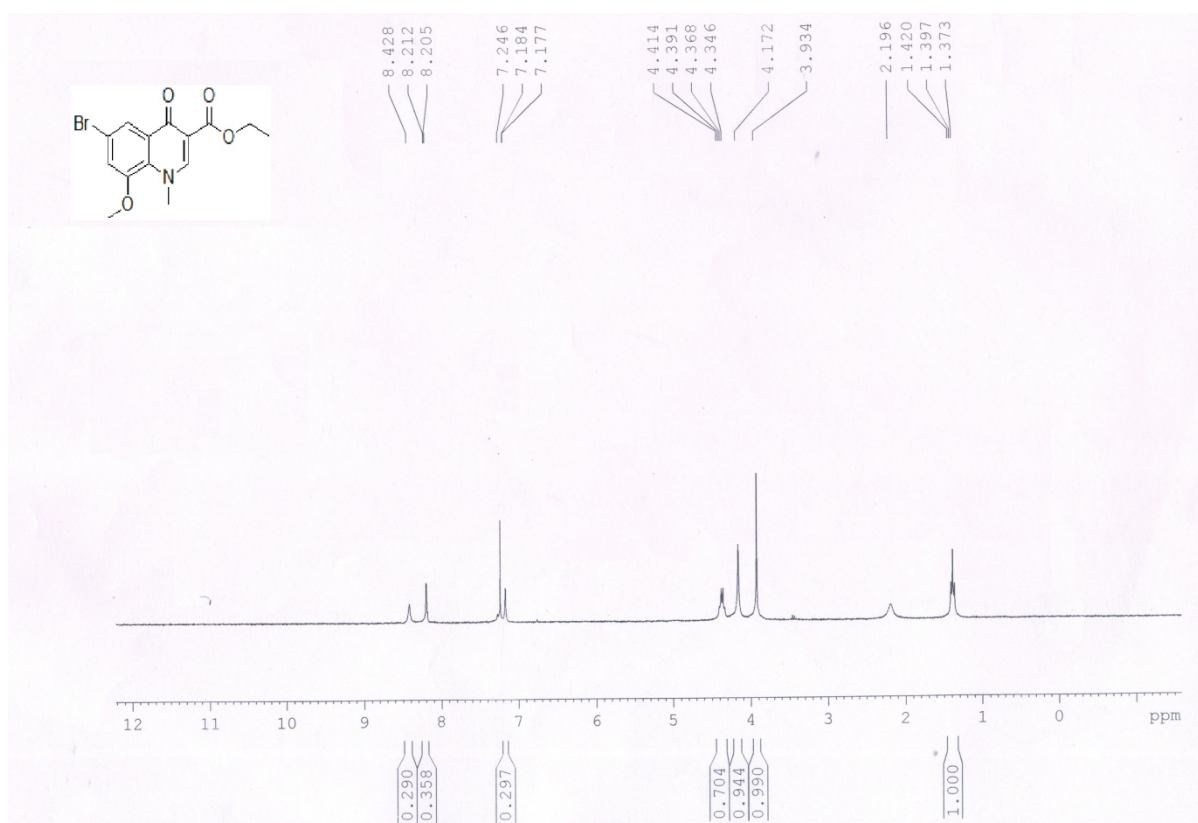




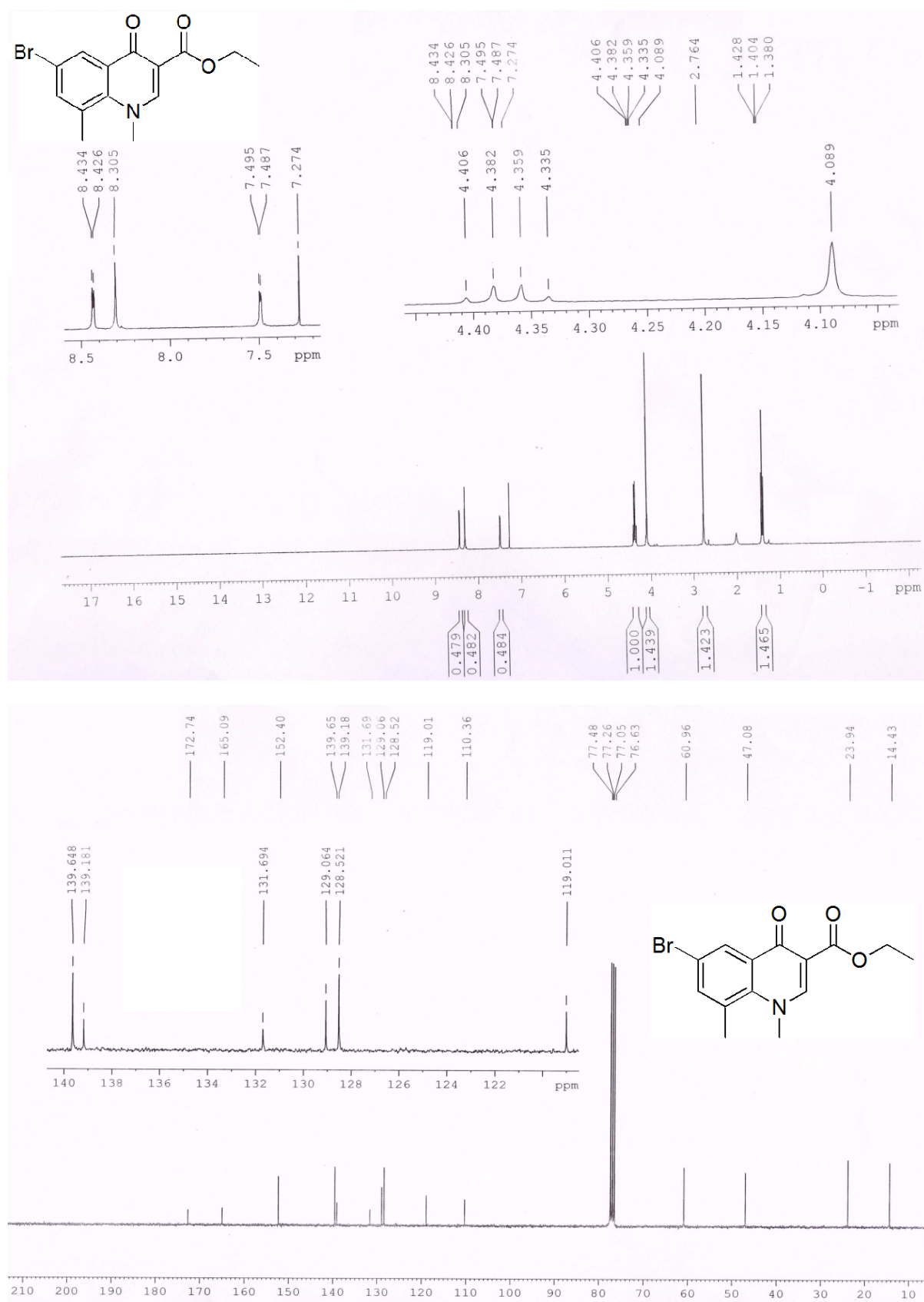
# <sup>1</sup>H and <sup>13</sup>C NMR spectra of 3a



$^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of 3b

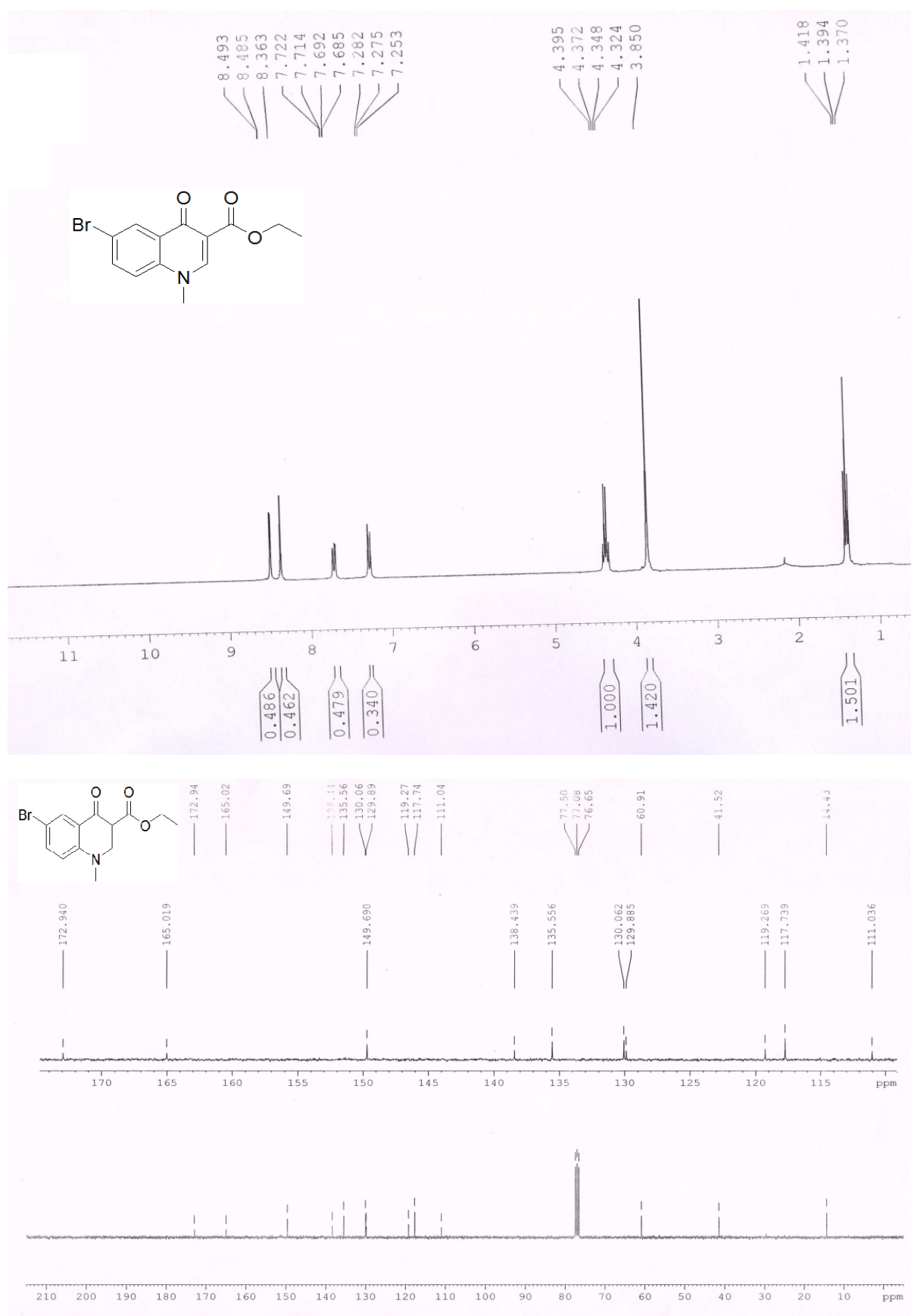


$^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of 3c

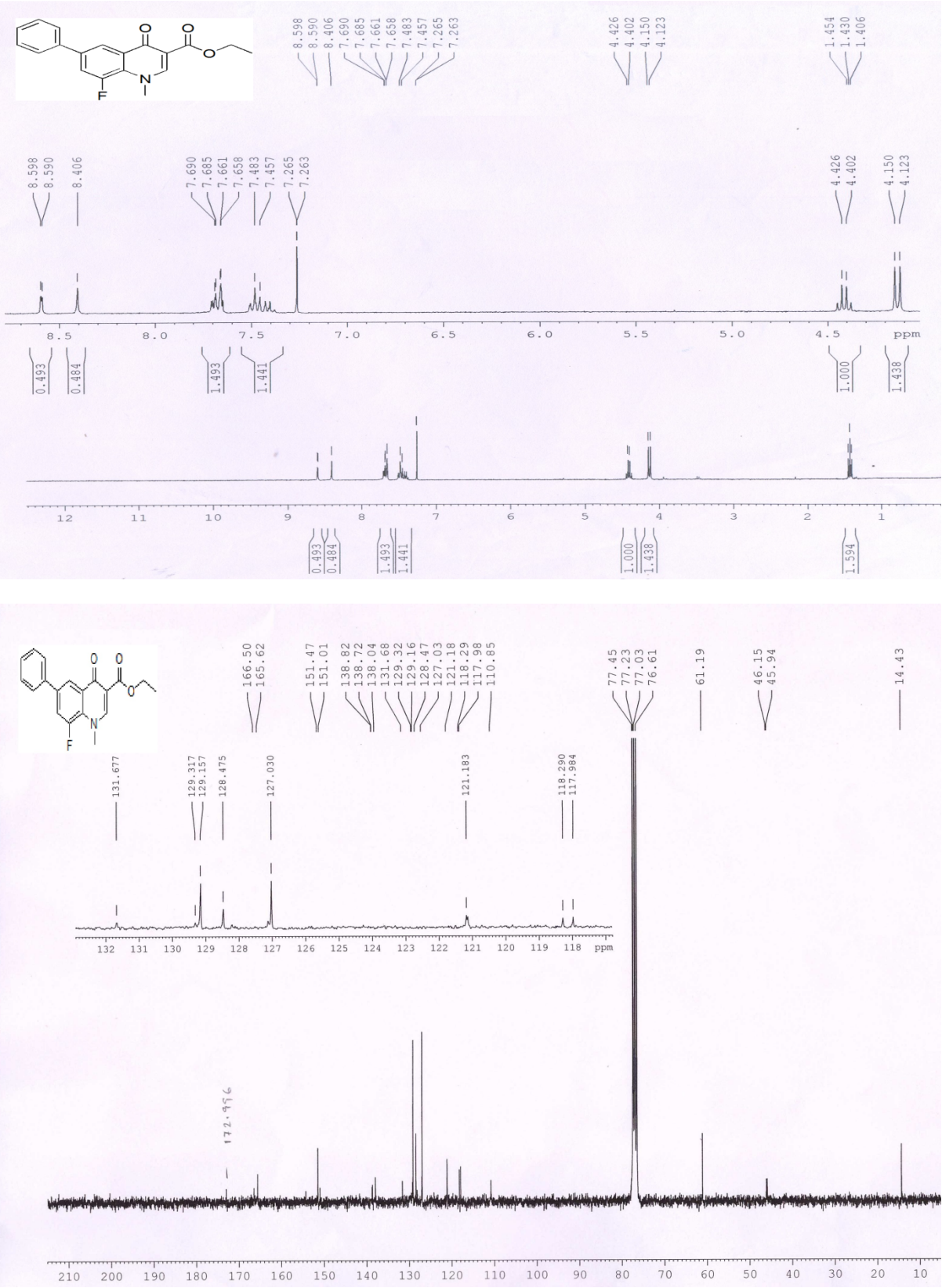




$^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of 3d



<sup>1</sup>H and <sup>13</sup>C NMR spectra of 4a

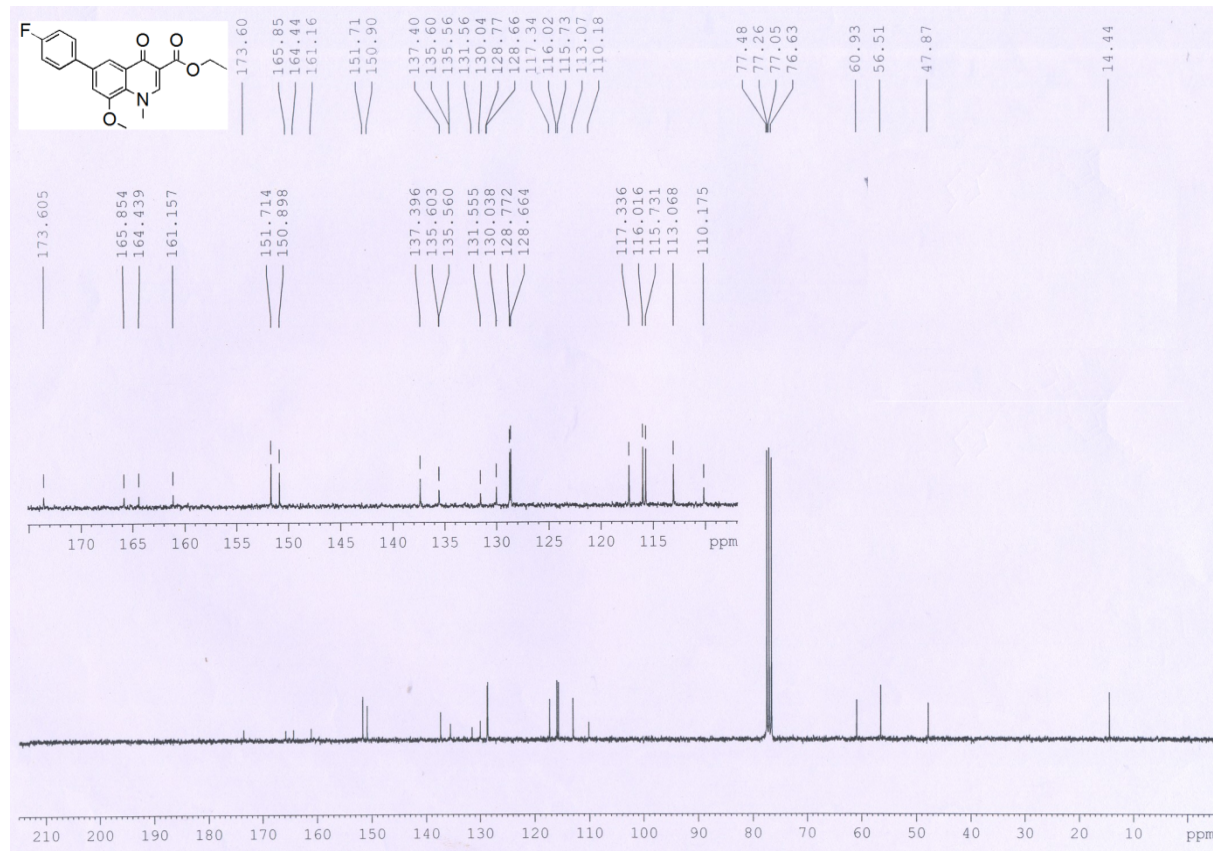
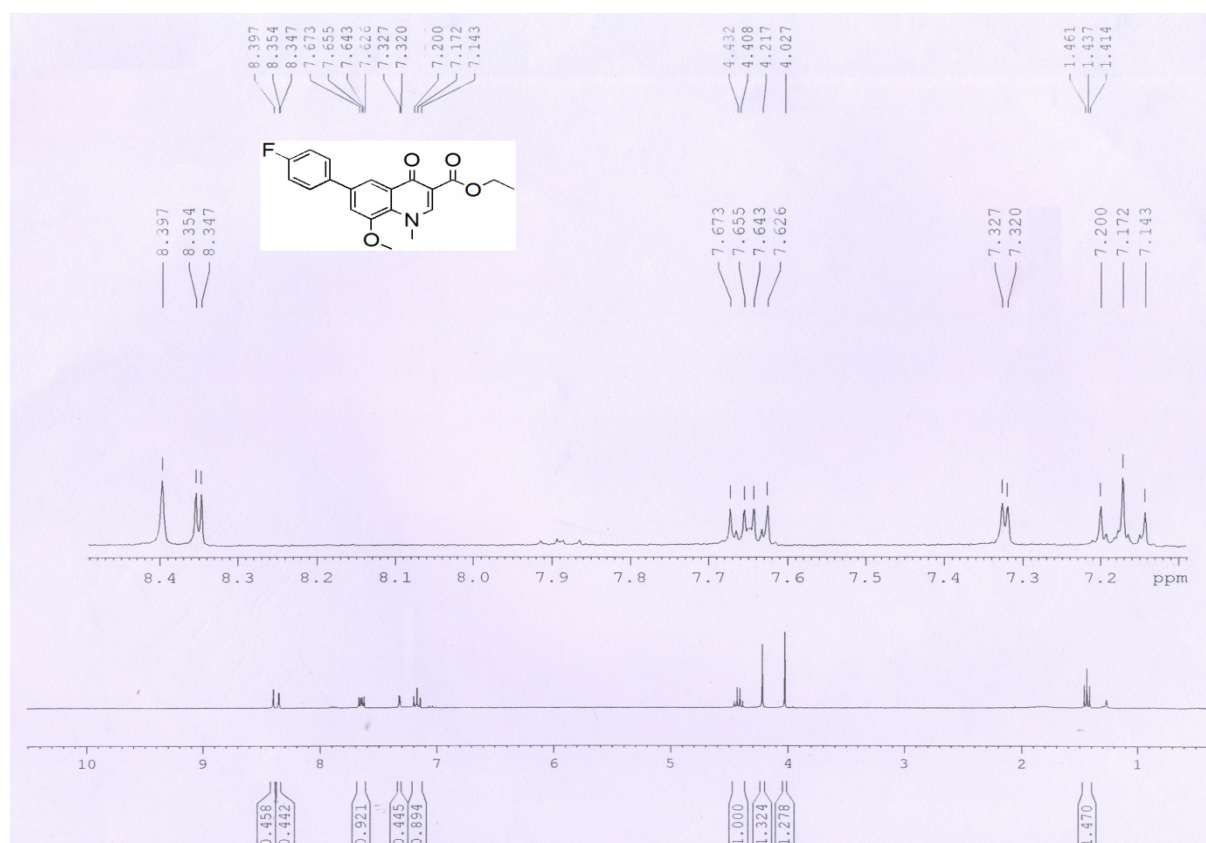






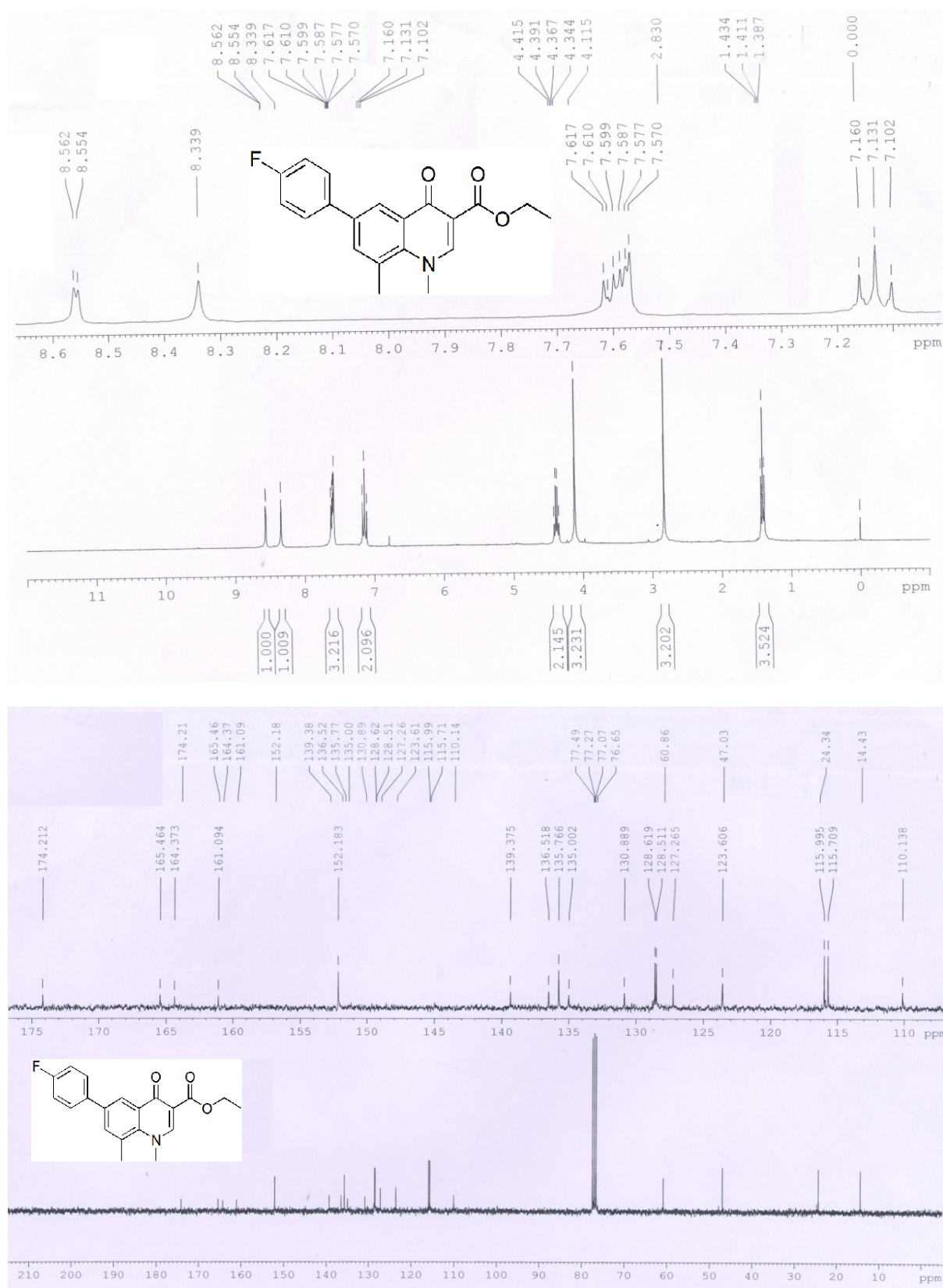


# <sup>1</sup>H and <sup>13</sup>C NMR spectra of 4d



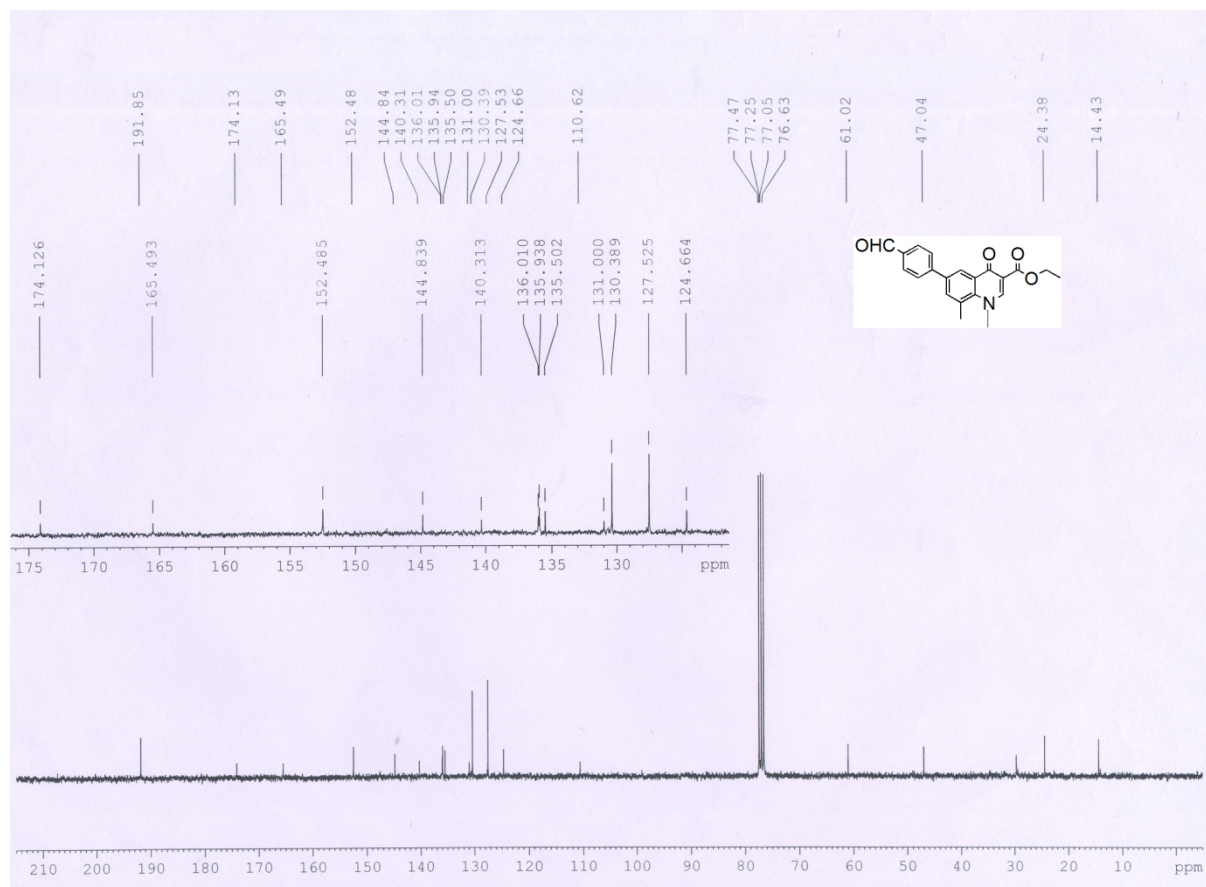
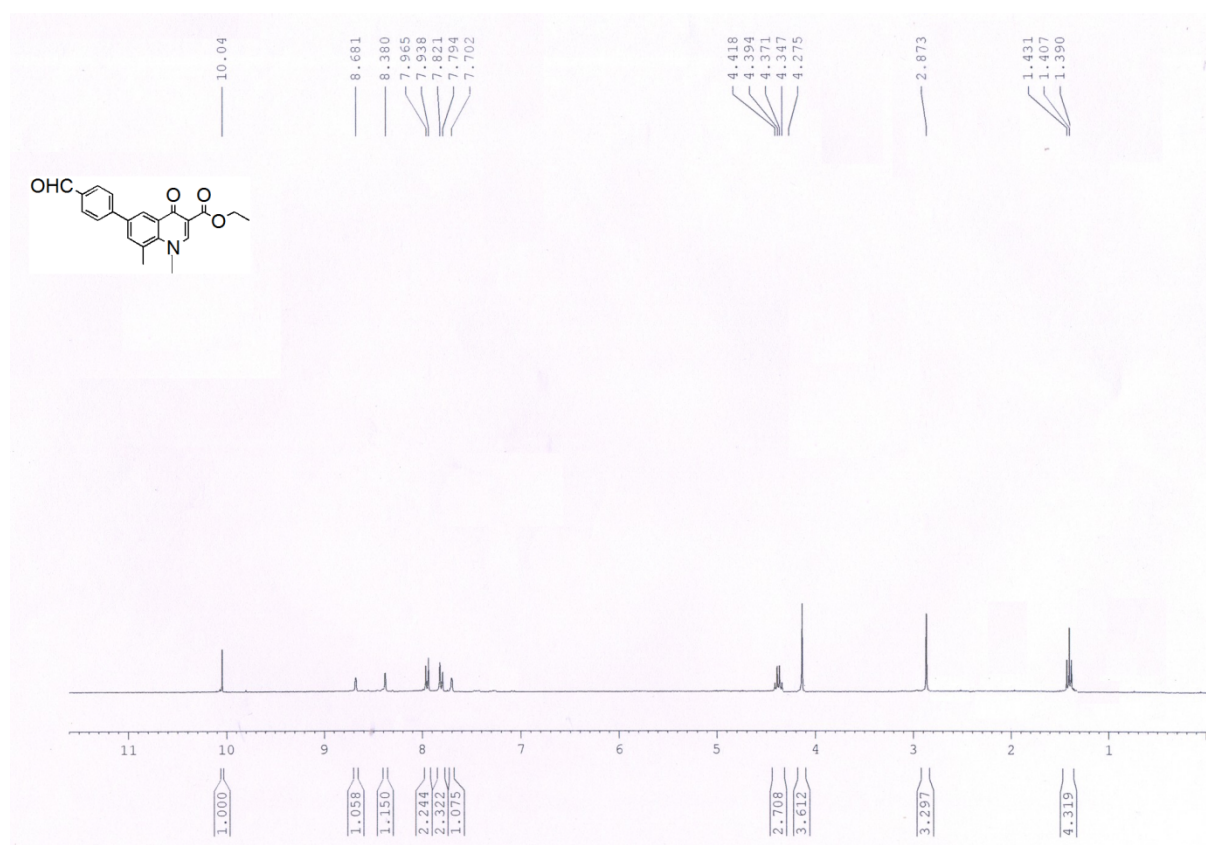


$^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of 4e

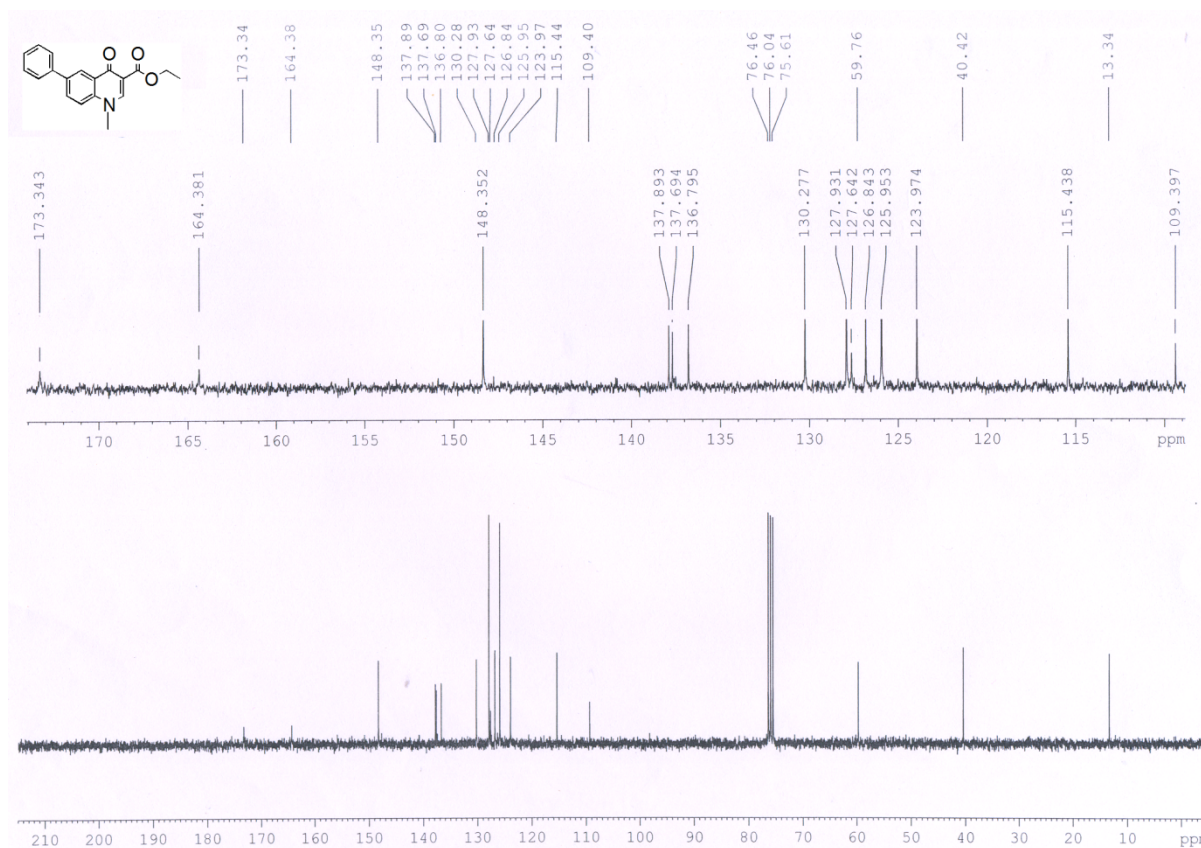
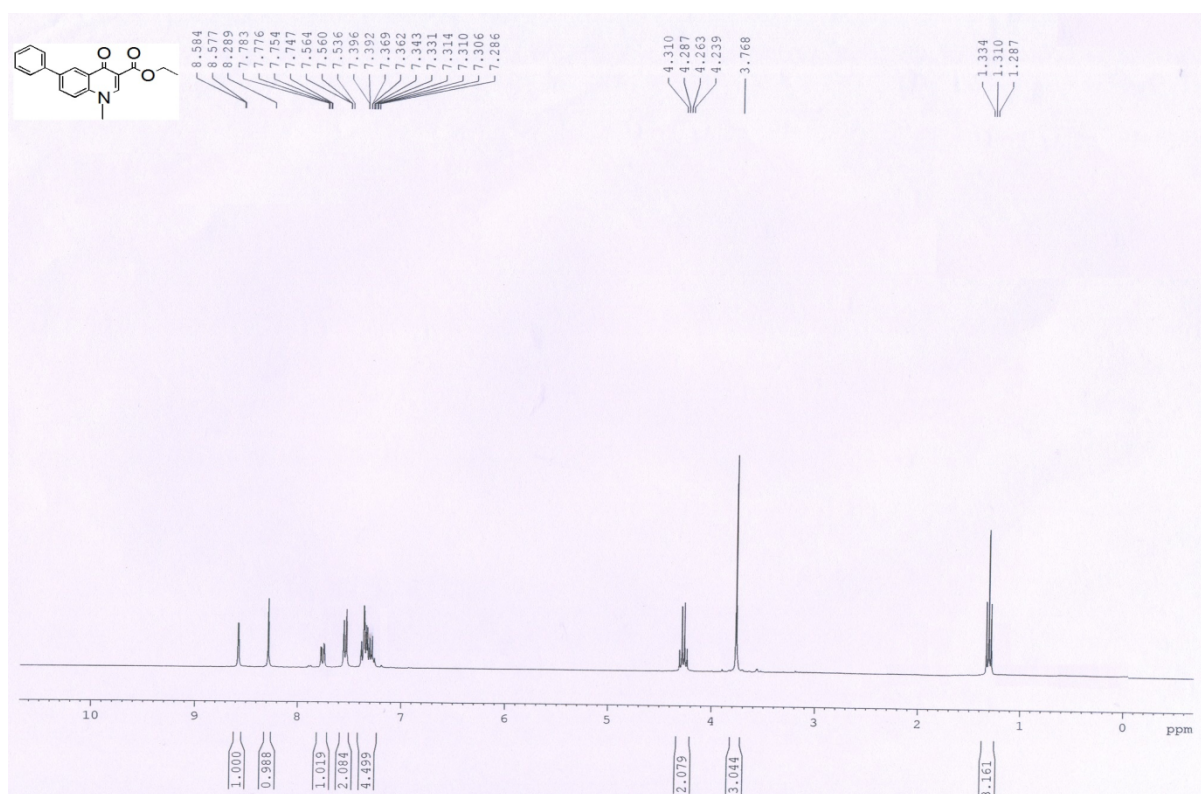




# <sup>1</sup>H and <sup>13</sup>C NMR spectra of 4f

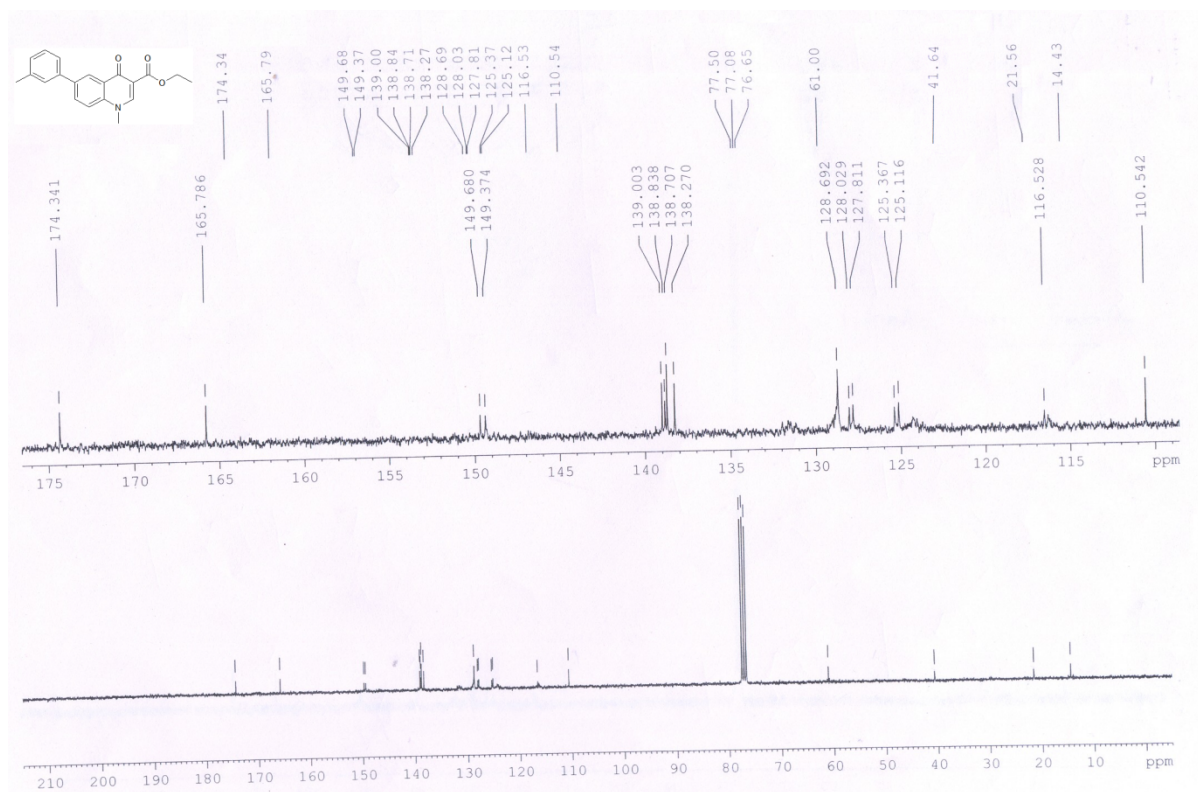
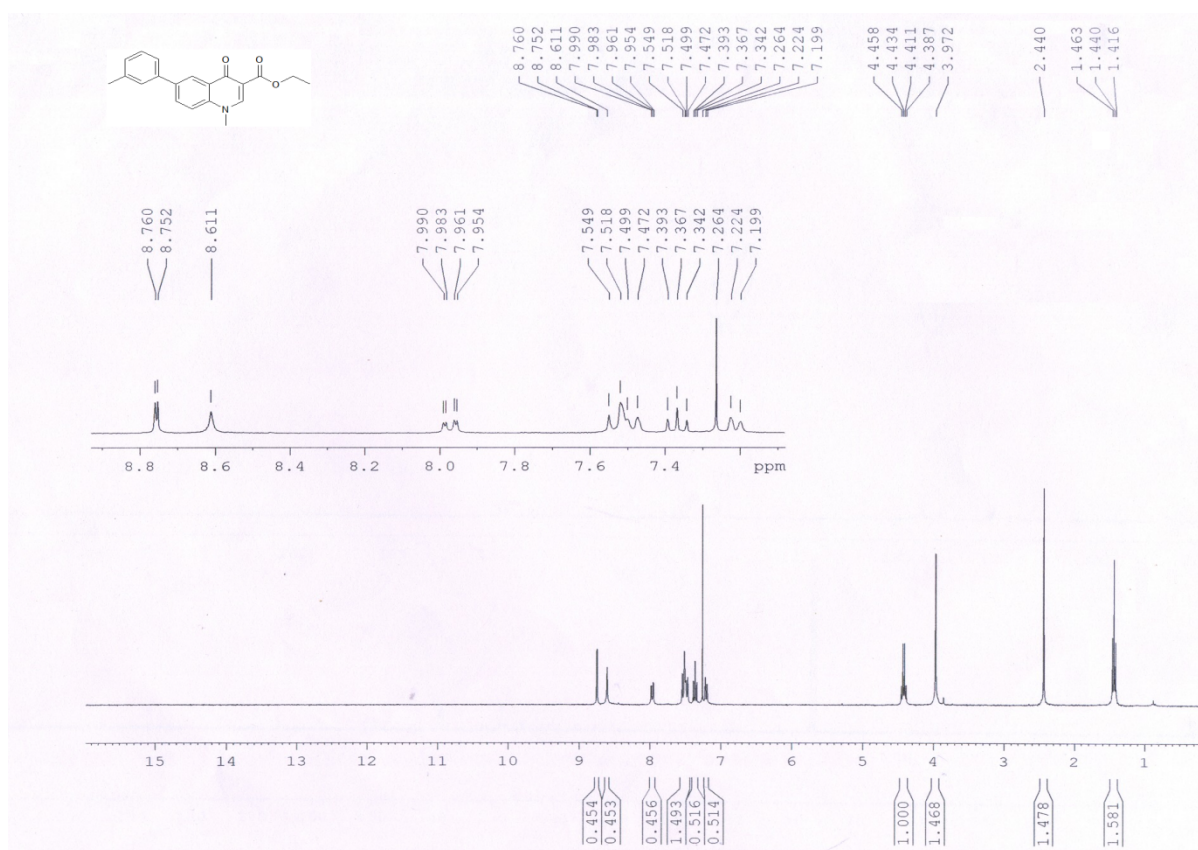


# <sup>1</sup>H and <sup>13</sup>C NMR spectra of 4g



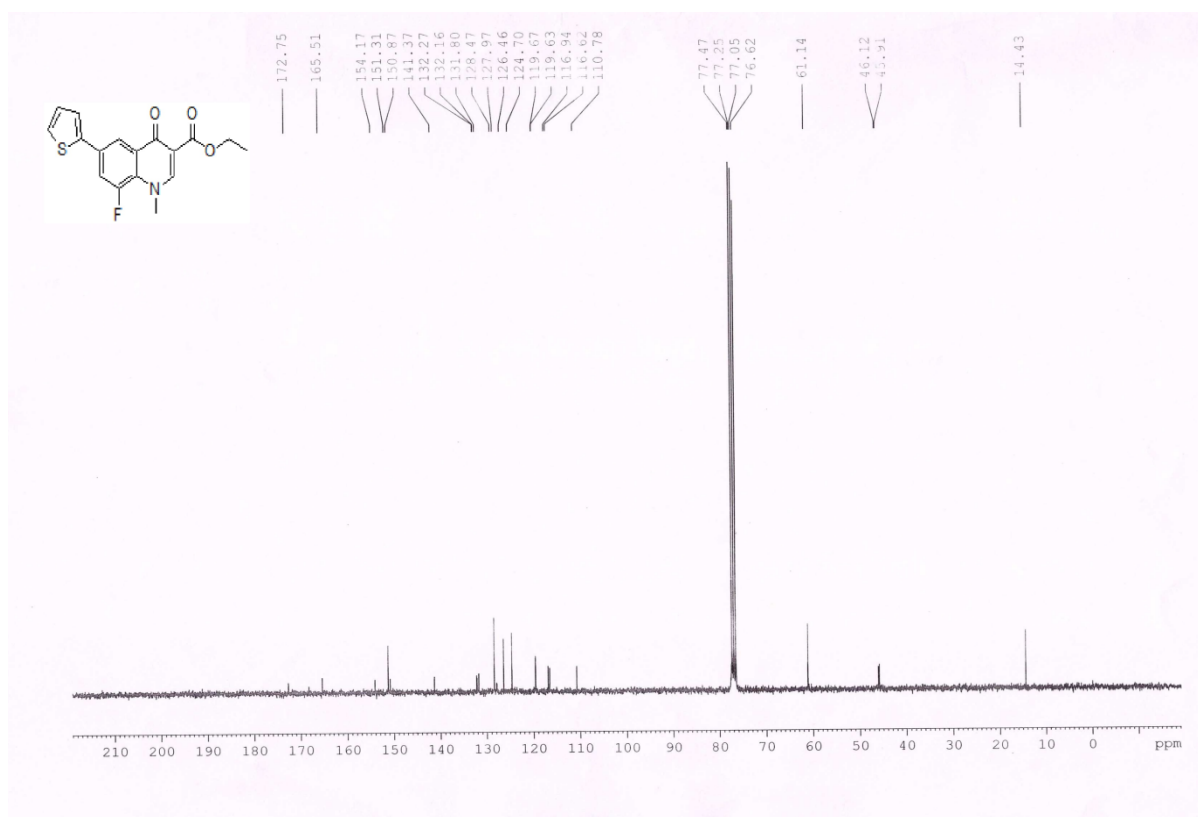
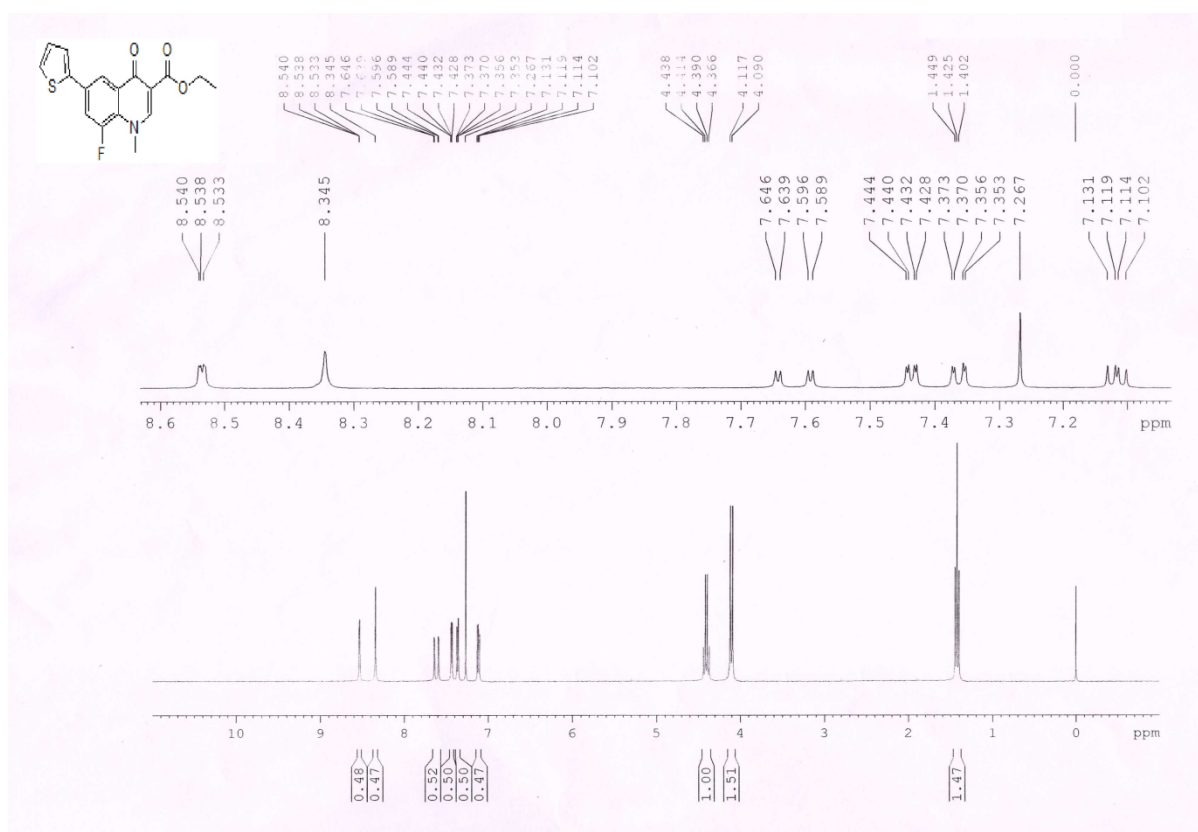


# <sup>1</sup>H and <sup>13</sup>C NMR spectra of 4h

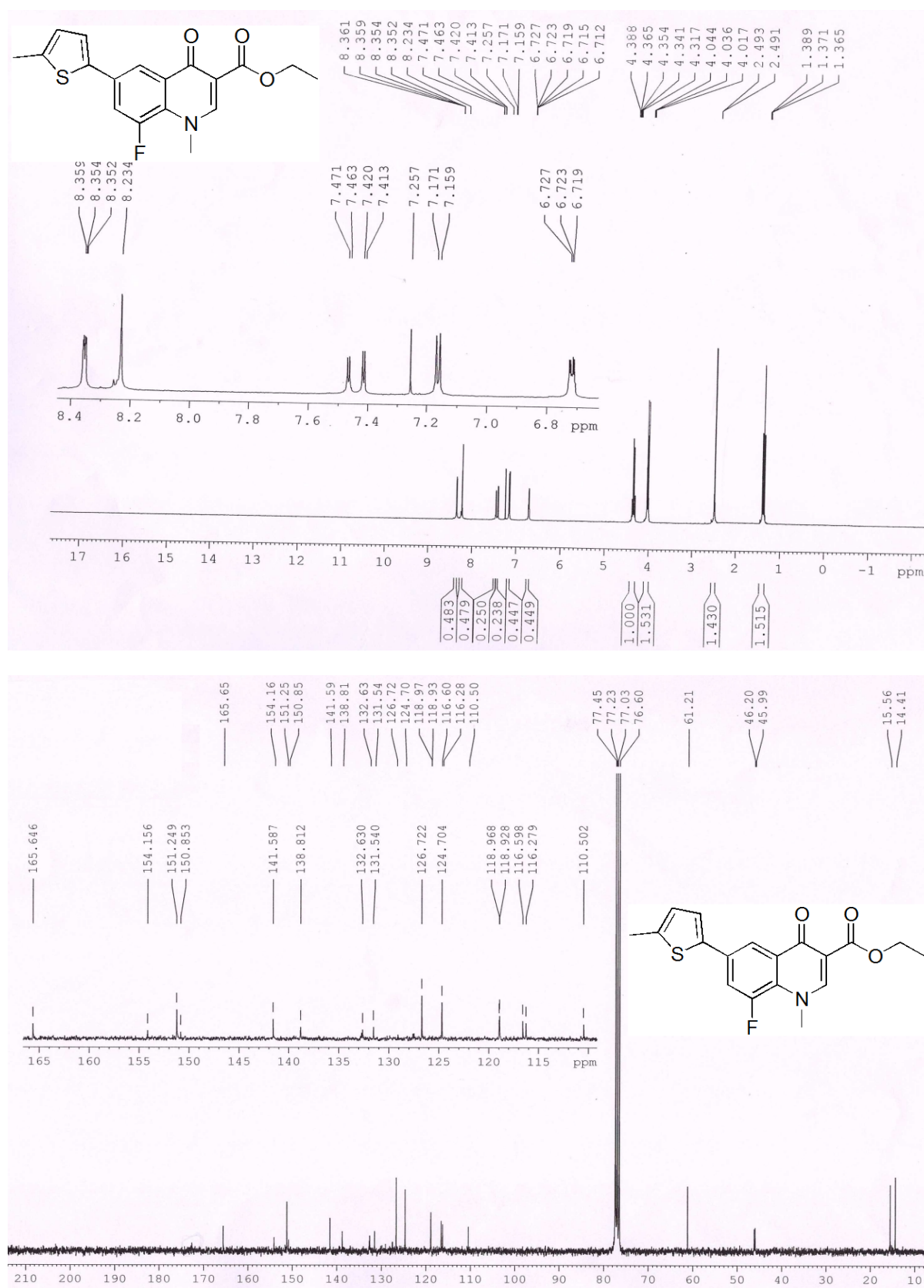




# <sup>1</sup>H and <sup>13</sup>C NMR spectra of 5a

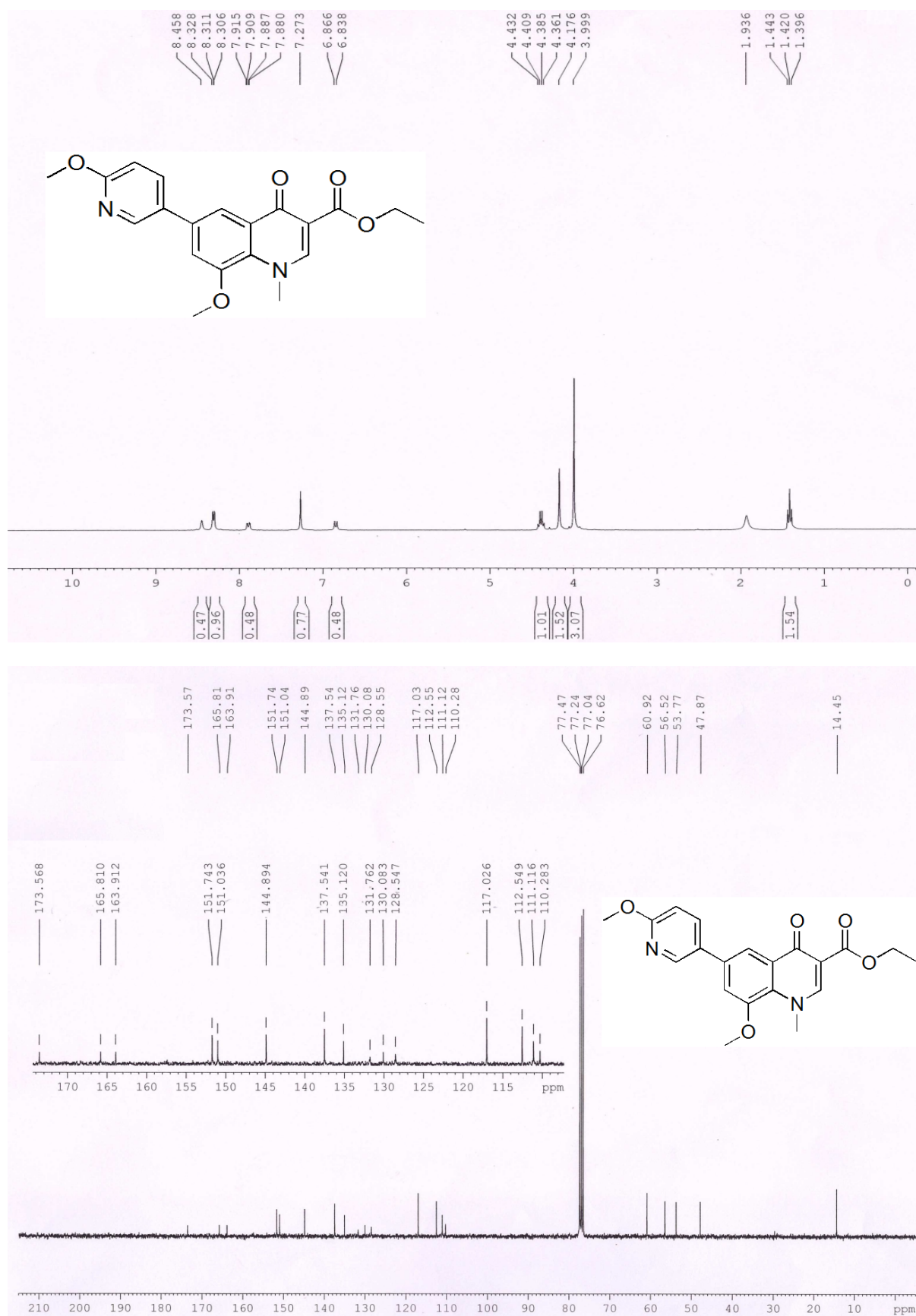


# <sup>1</sup>H and <sup>13</sup>C NMR spectra of 5b





$^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of 5c



<sup>1</sup>H and <sup>13</sup>C NMR spectra of 5d

