

Supporting Information  
for DOI: 10.1055/a-2126-0815

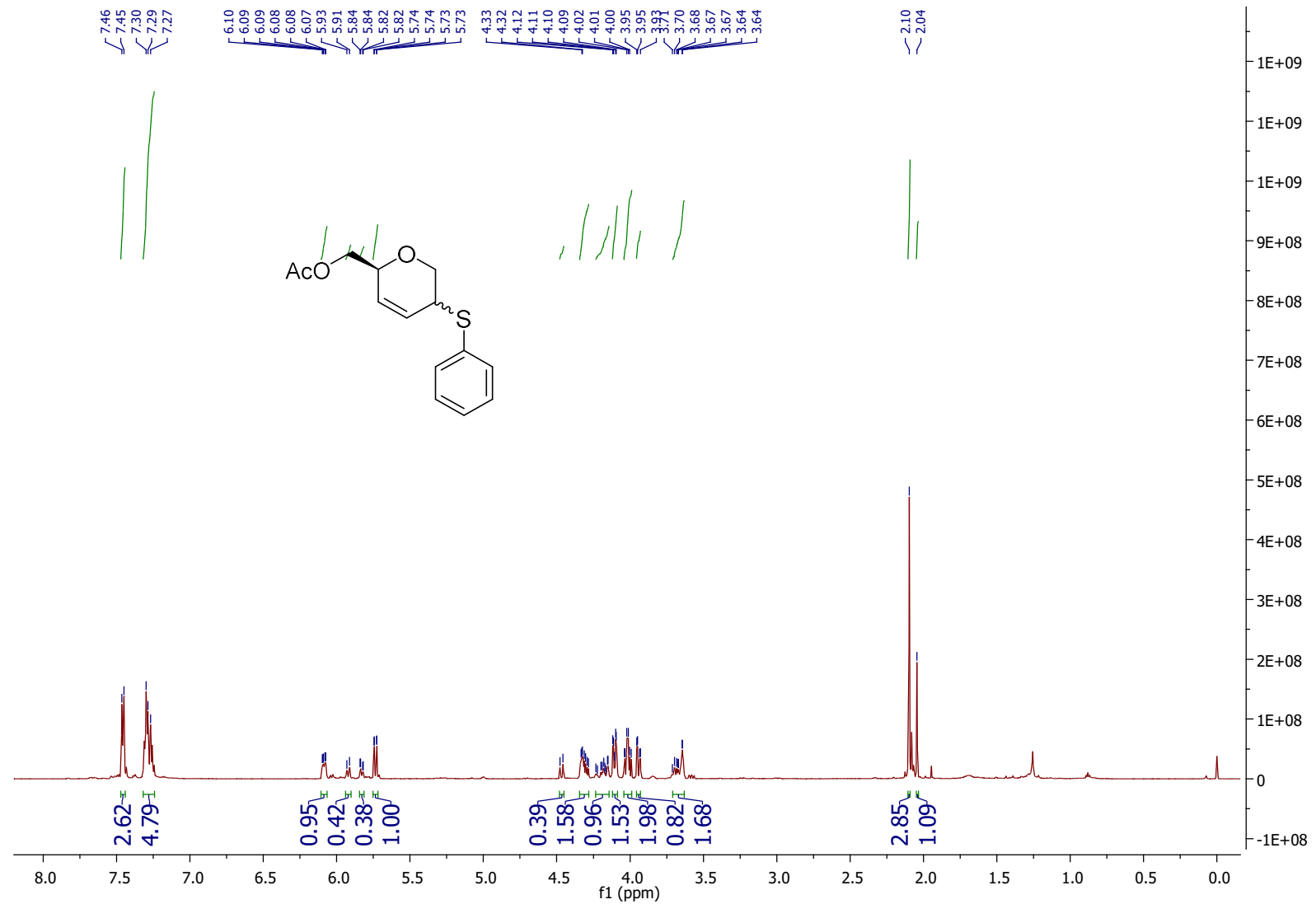
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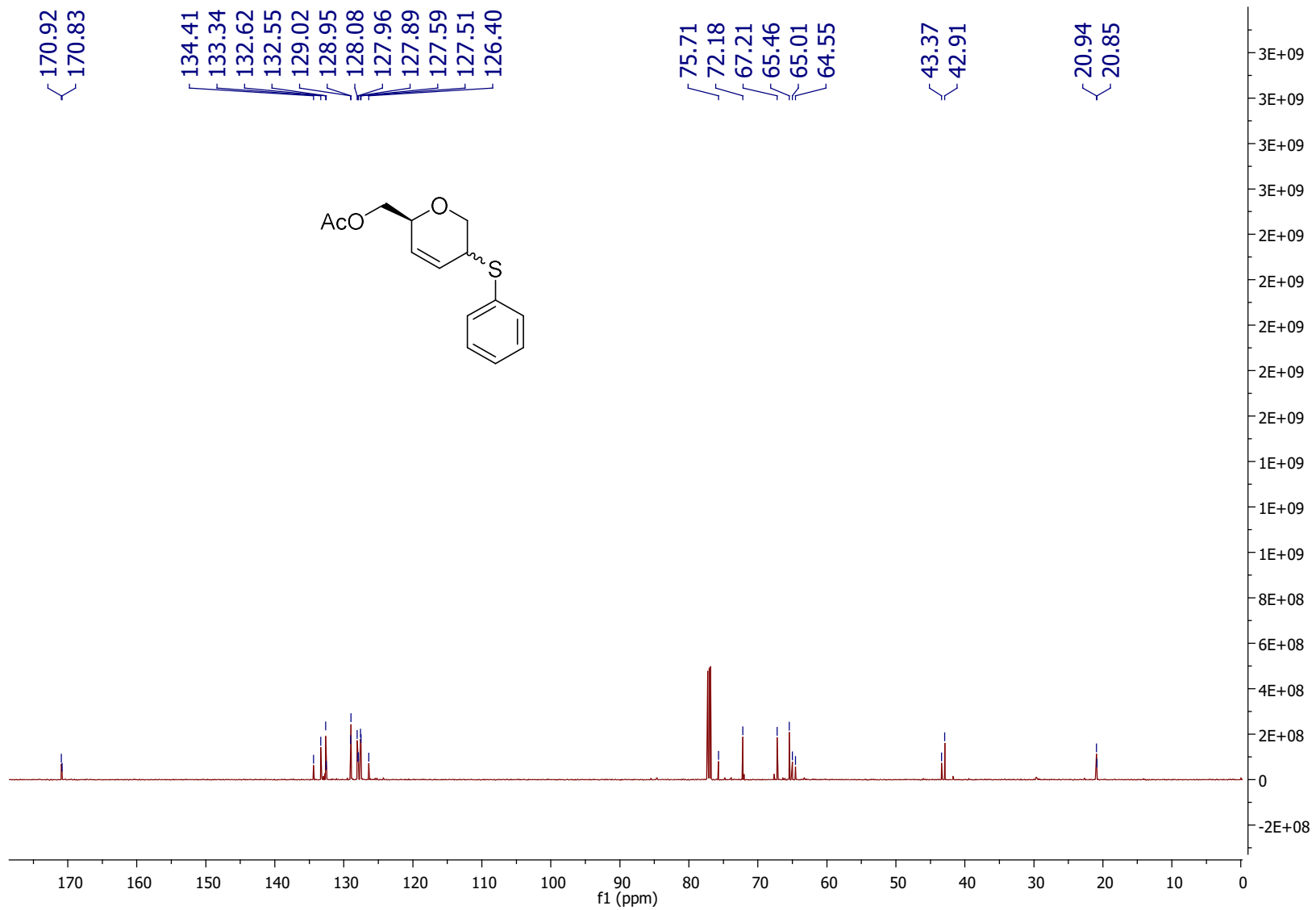
**Site-Selective Lewis Acid-Mediated Transformation of Pseudoglycols to 1-Deoxy-2-Thioaryl Glycosides**

Department of Medicinal Chemistry, Institute of Medical Sciences, Banaras Hindu University, Varanasi-221005, India.

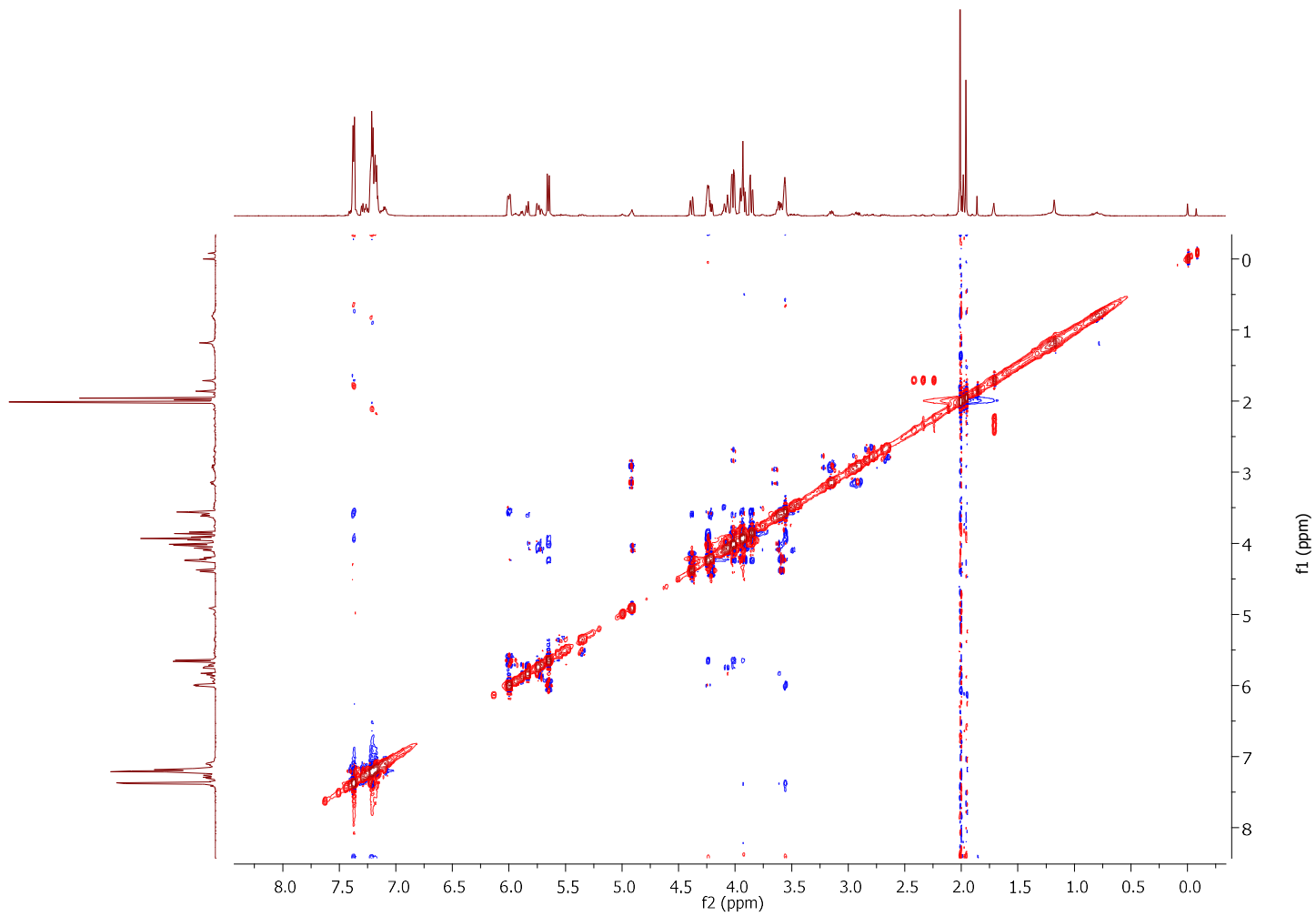
Email: [nazar10@bhu.ac.in](mailto:nazar10@bhu.ac.in)



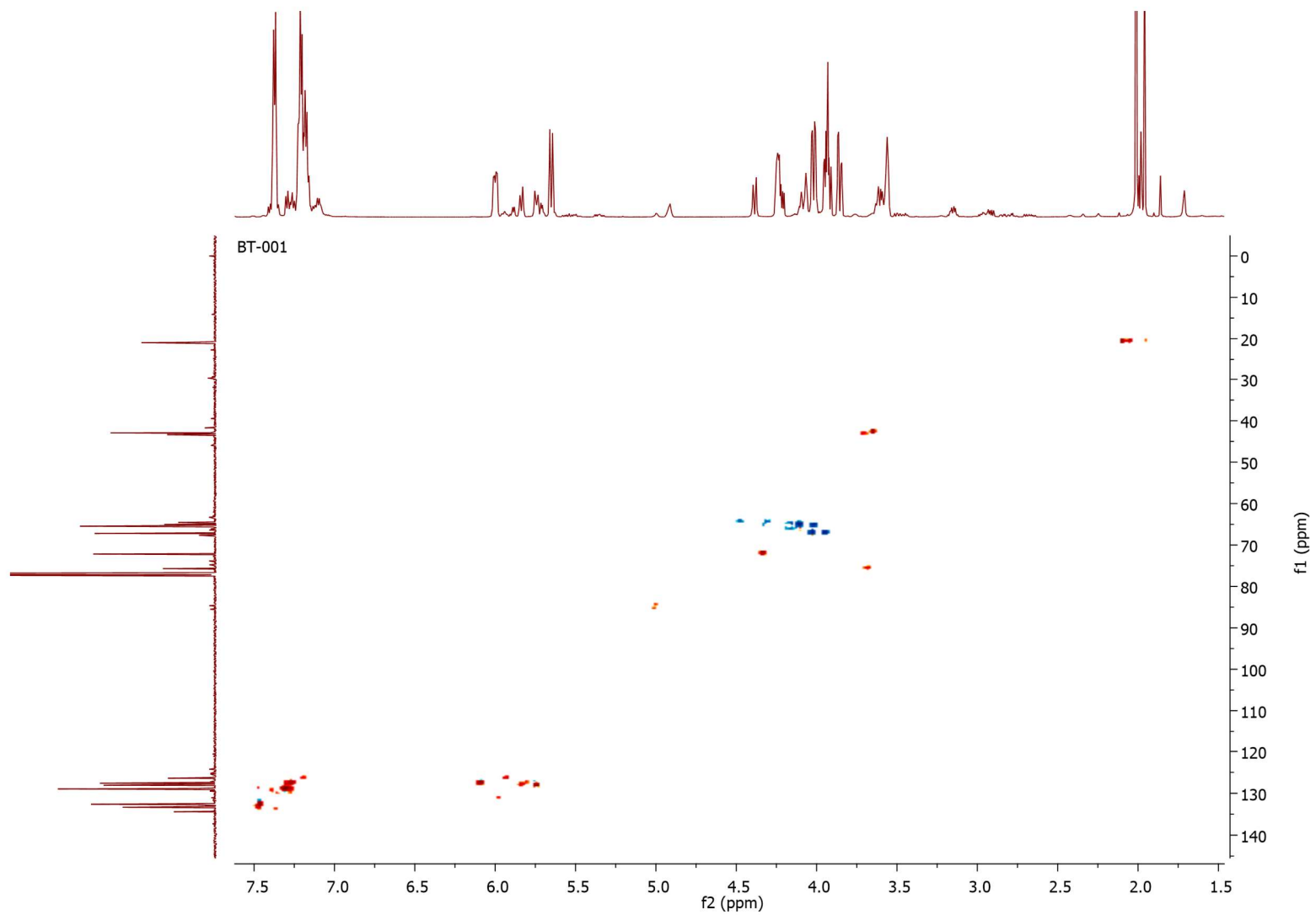
<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound 3a



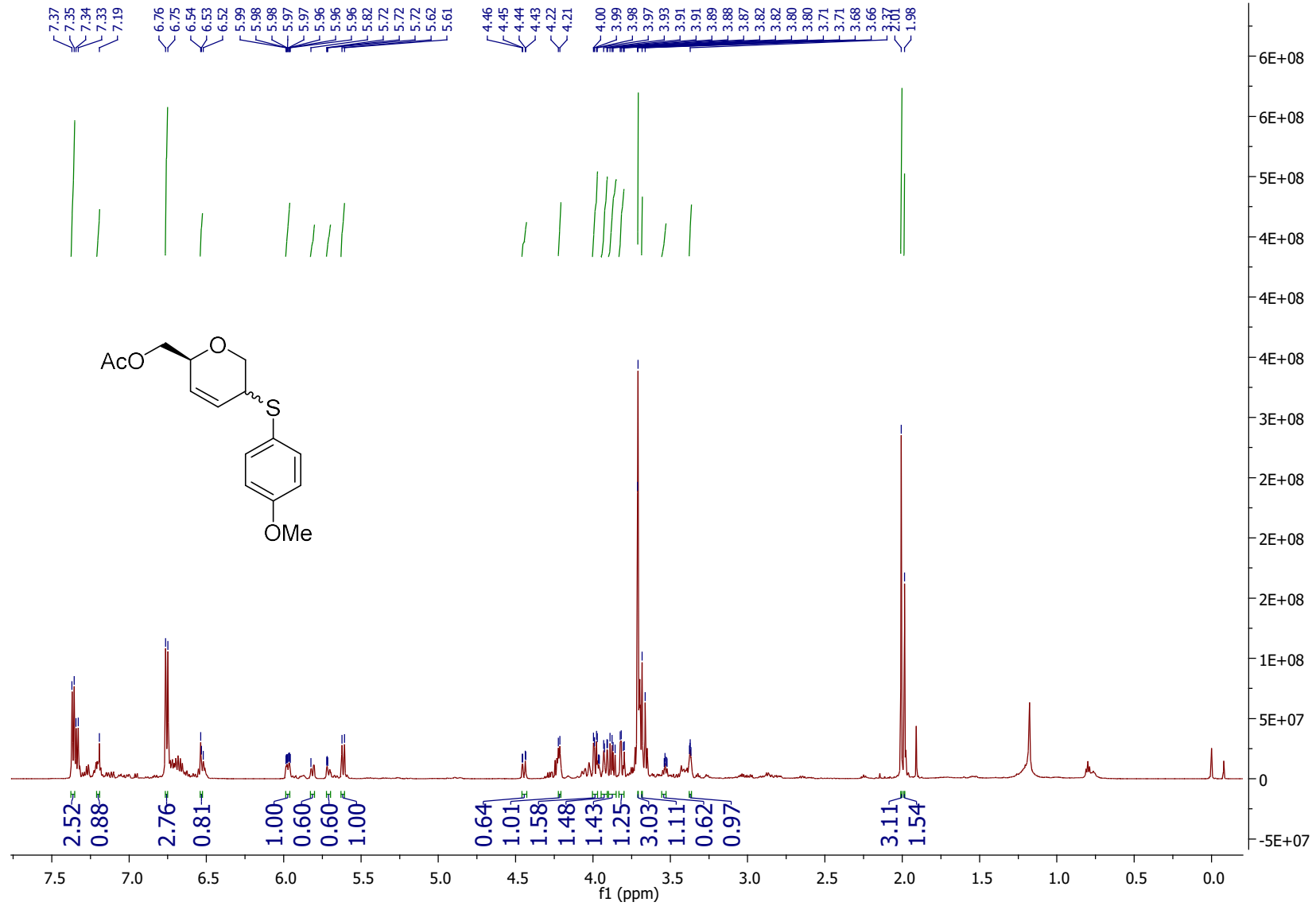
$^{13}\text{C}$  NMR (151 MHz,  $\text{CDCl}_3$ ) of compound **3a**



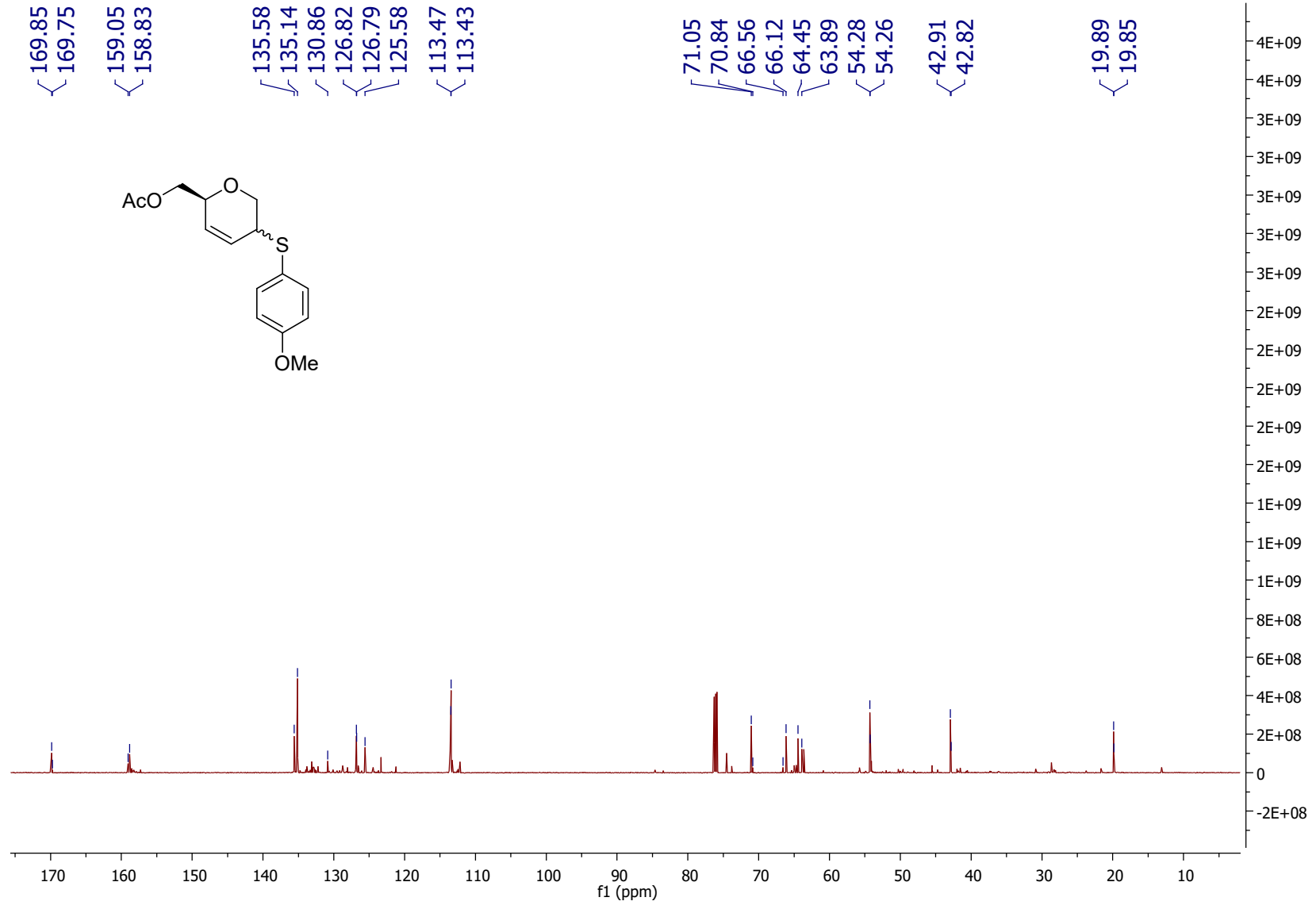
NOESY of compound **3a**



HSQC of compound **3a**

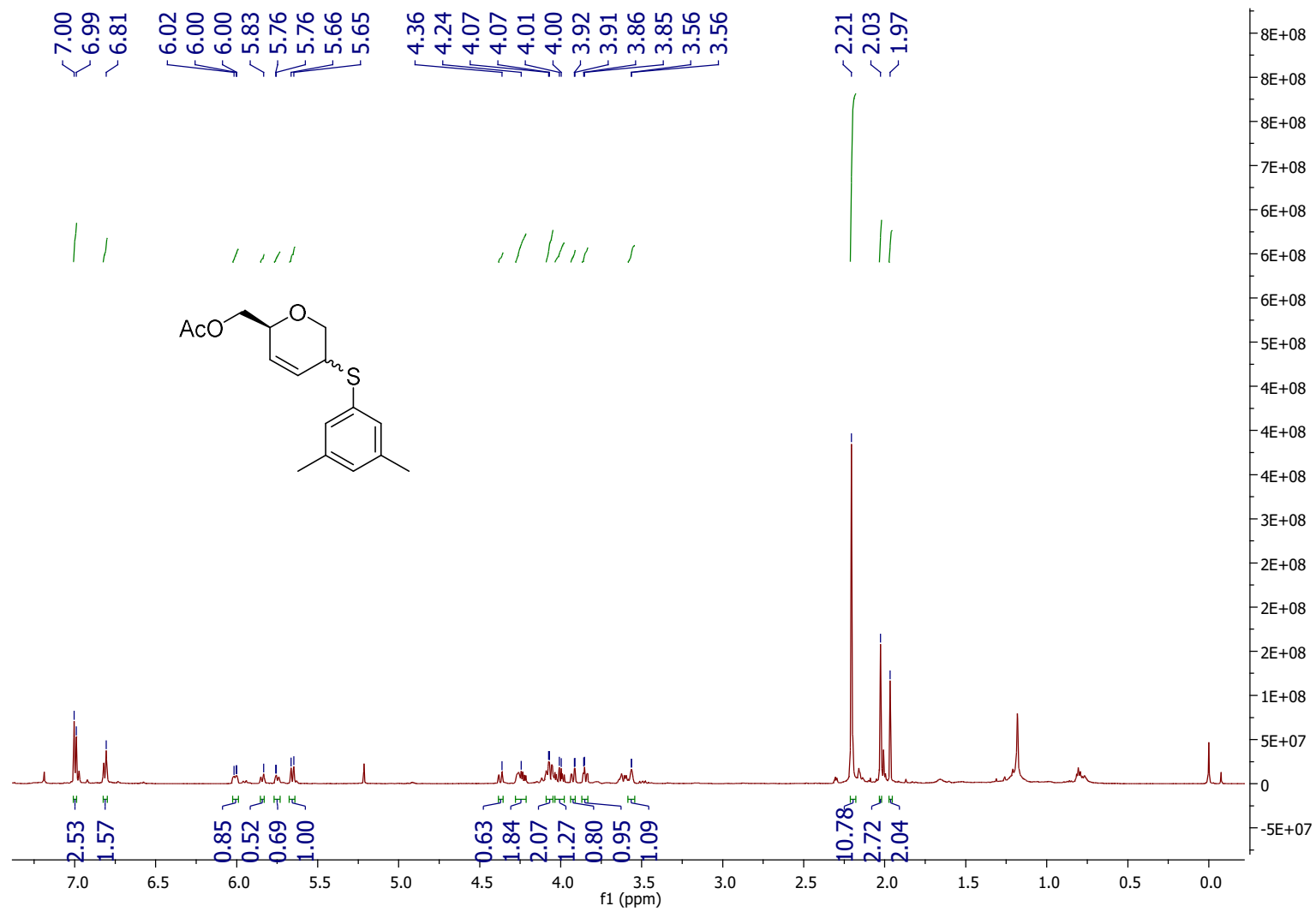


<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound **3b**

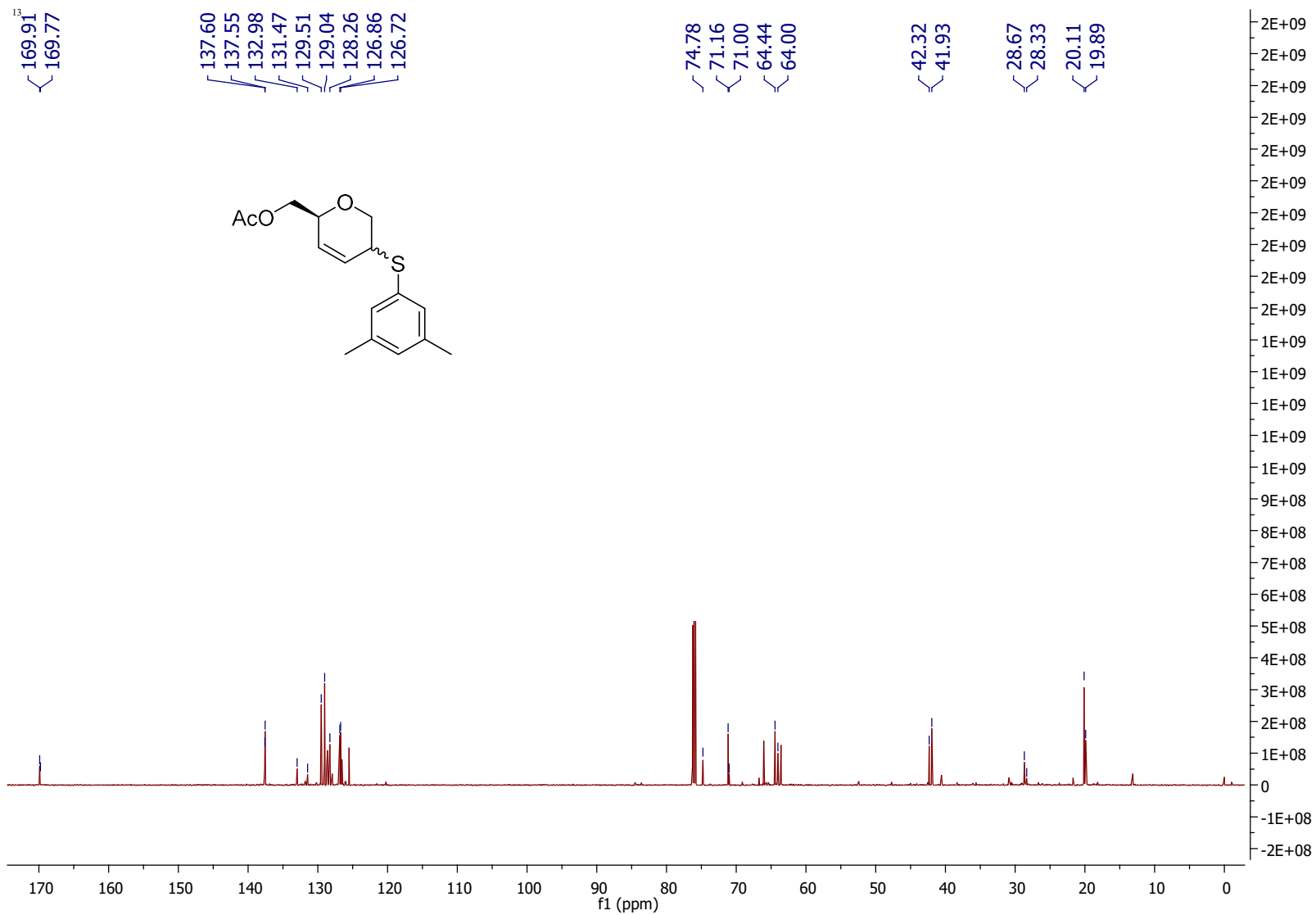


$^{13}\text{C}$  NMR (151 MHz,  $\text{CDCl}_3$ ) of compound **3b**

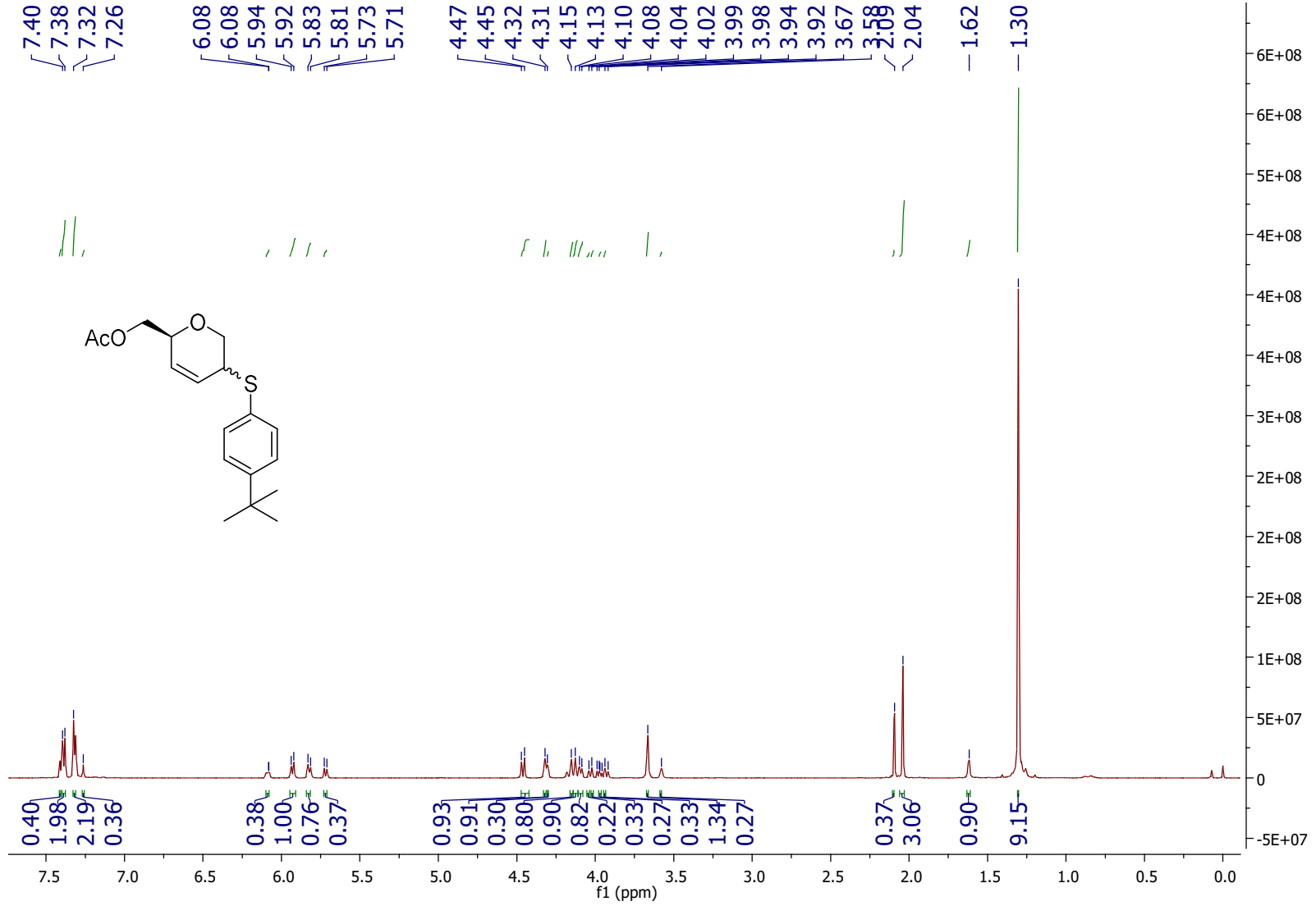




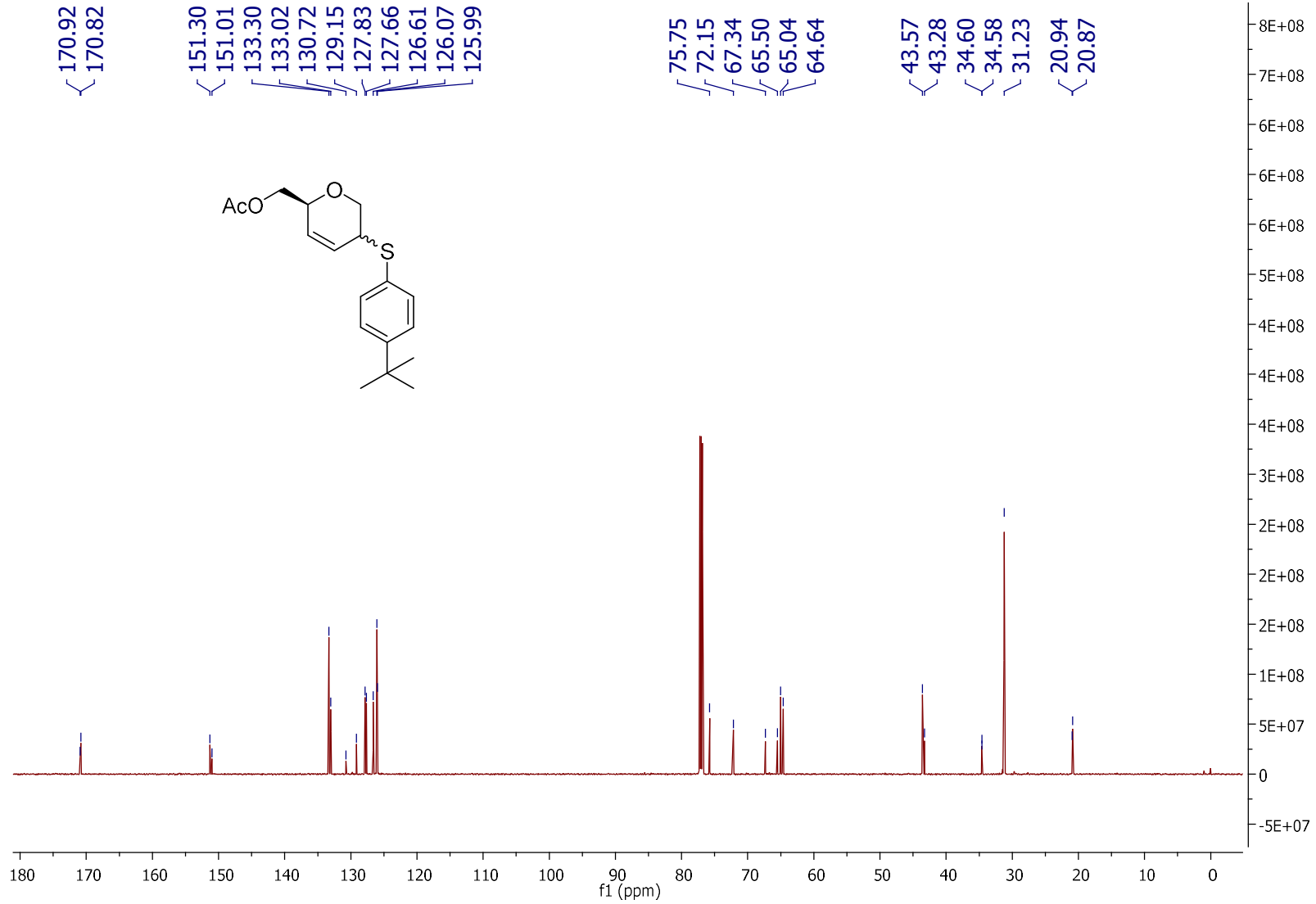
$^1\text{H}$  NMR (600 MHz,  $\text{CDCl}_3$ ) of compound **3c**



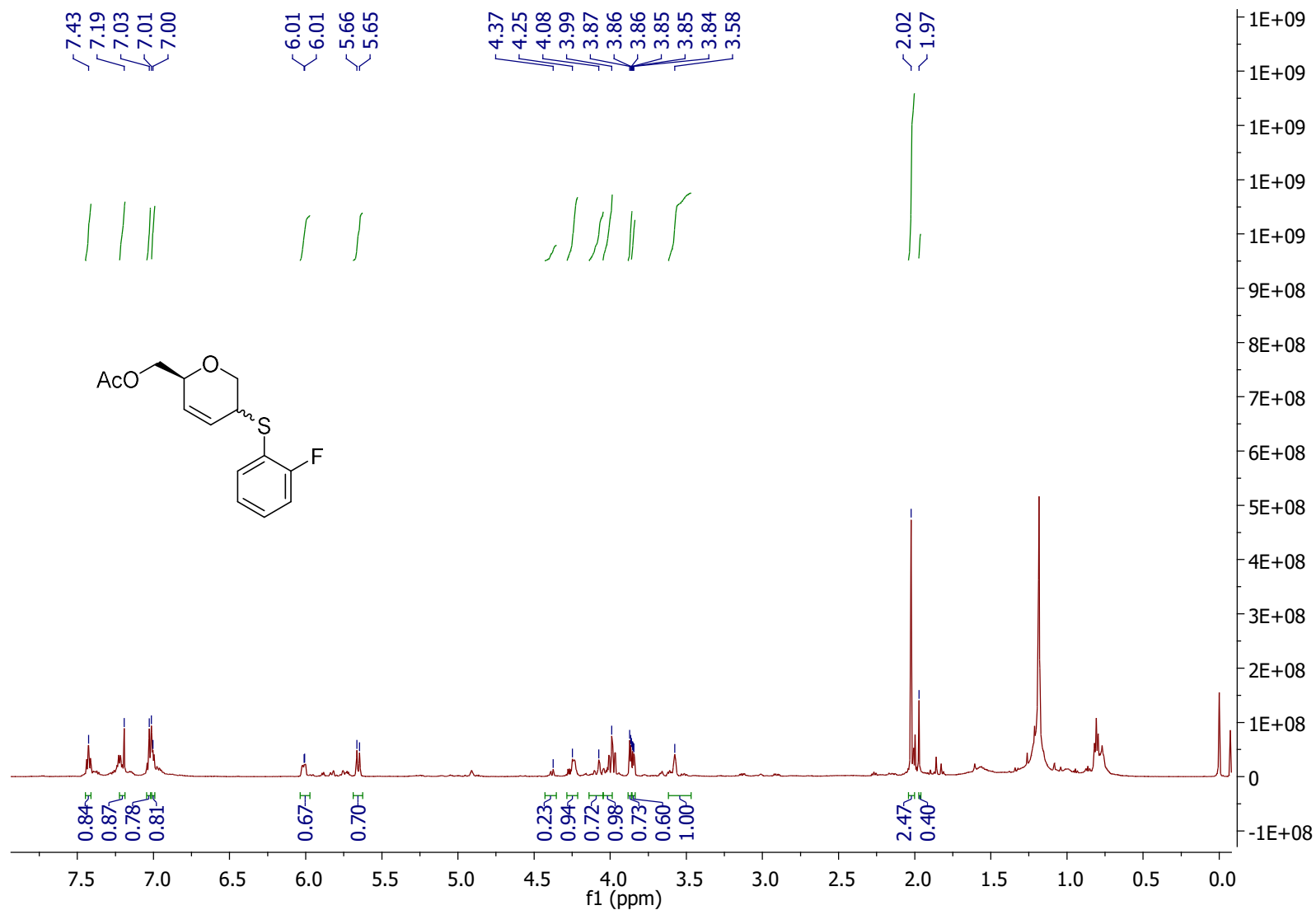
<sup>13</sup>C NMR (151 MHz, CDCl<sub>3</sub>) of compound **3c**



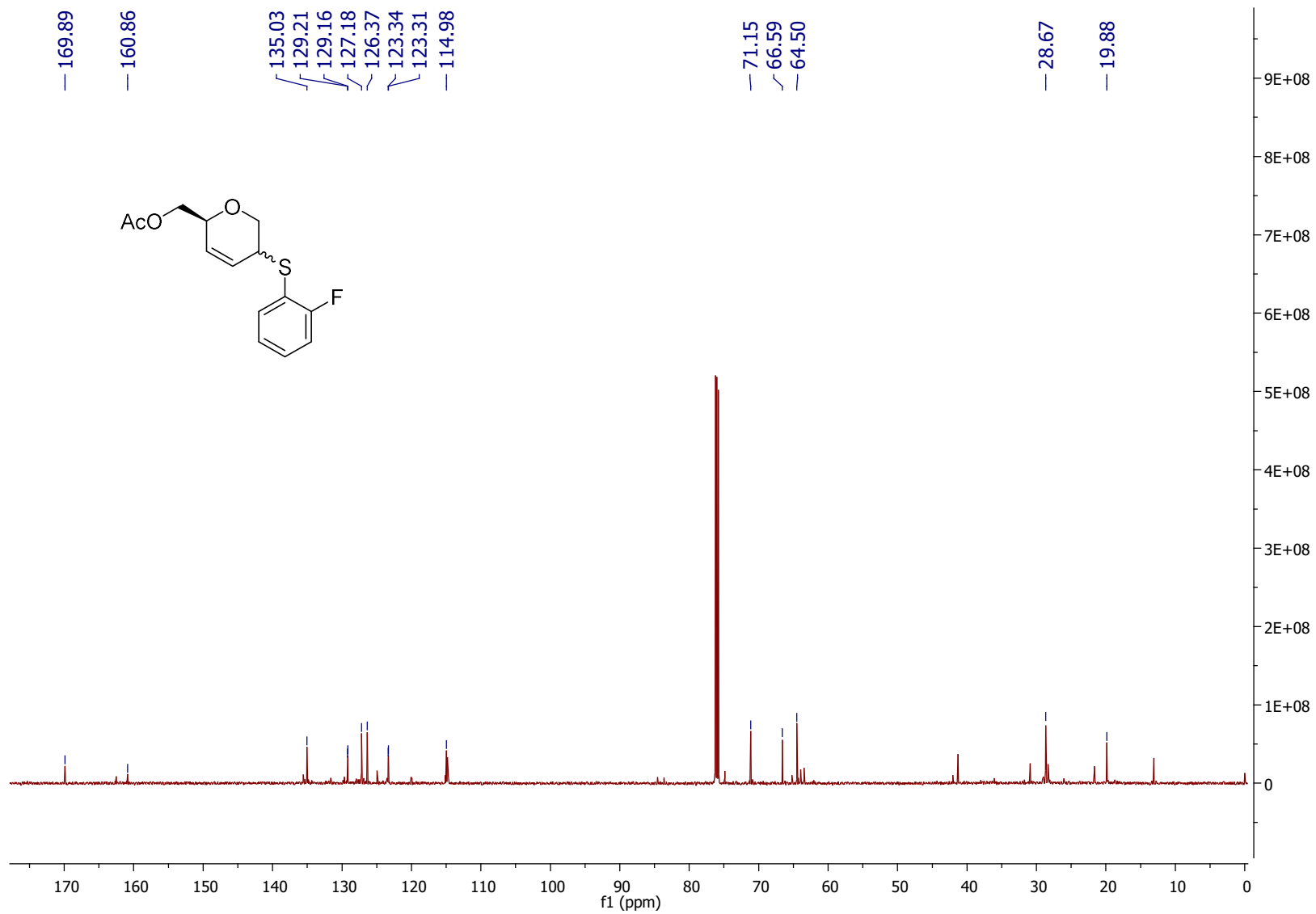
<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound 3d



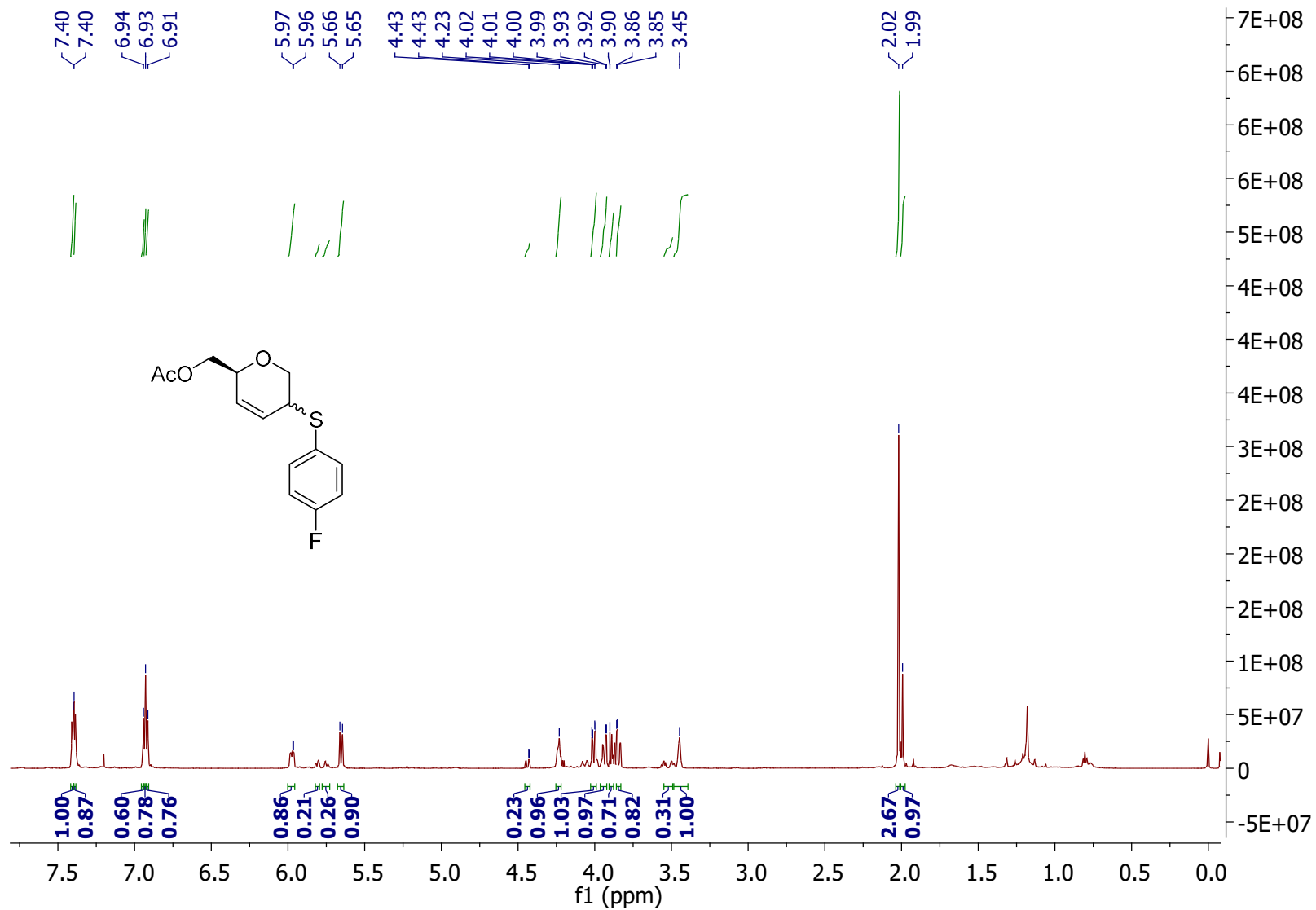
<sup>13</sup>C NMR (151 MHz, CDCl<sub>3</sub>) of compound **3d**



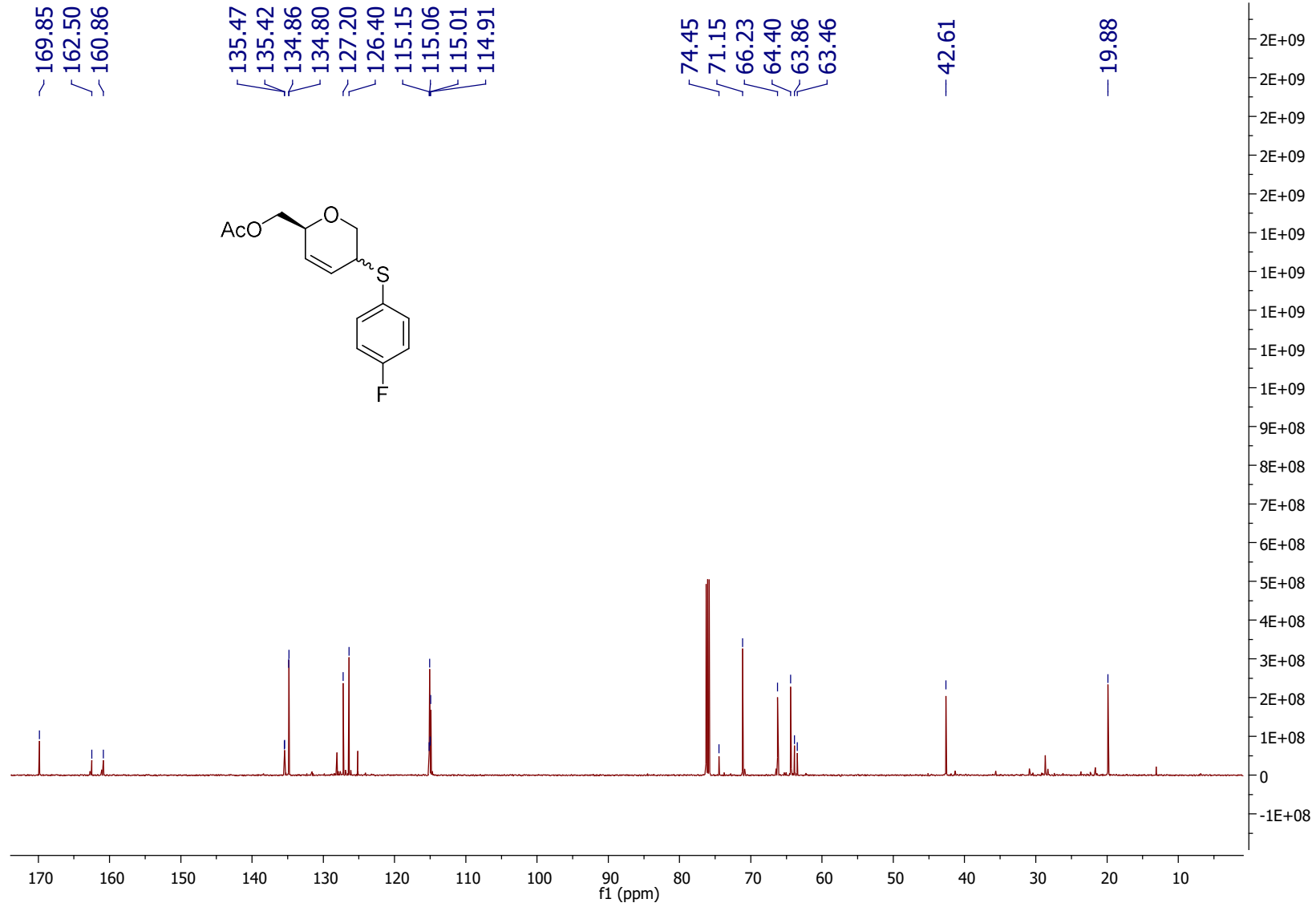
<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound **3e**



<sup>13</sup>C NMR (151 MHz, CDCl<sub>3</sub>) of compound **3e**

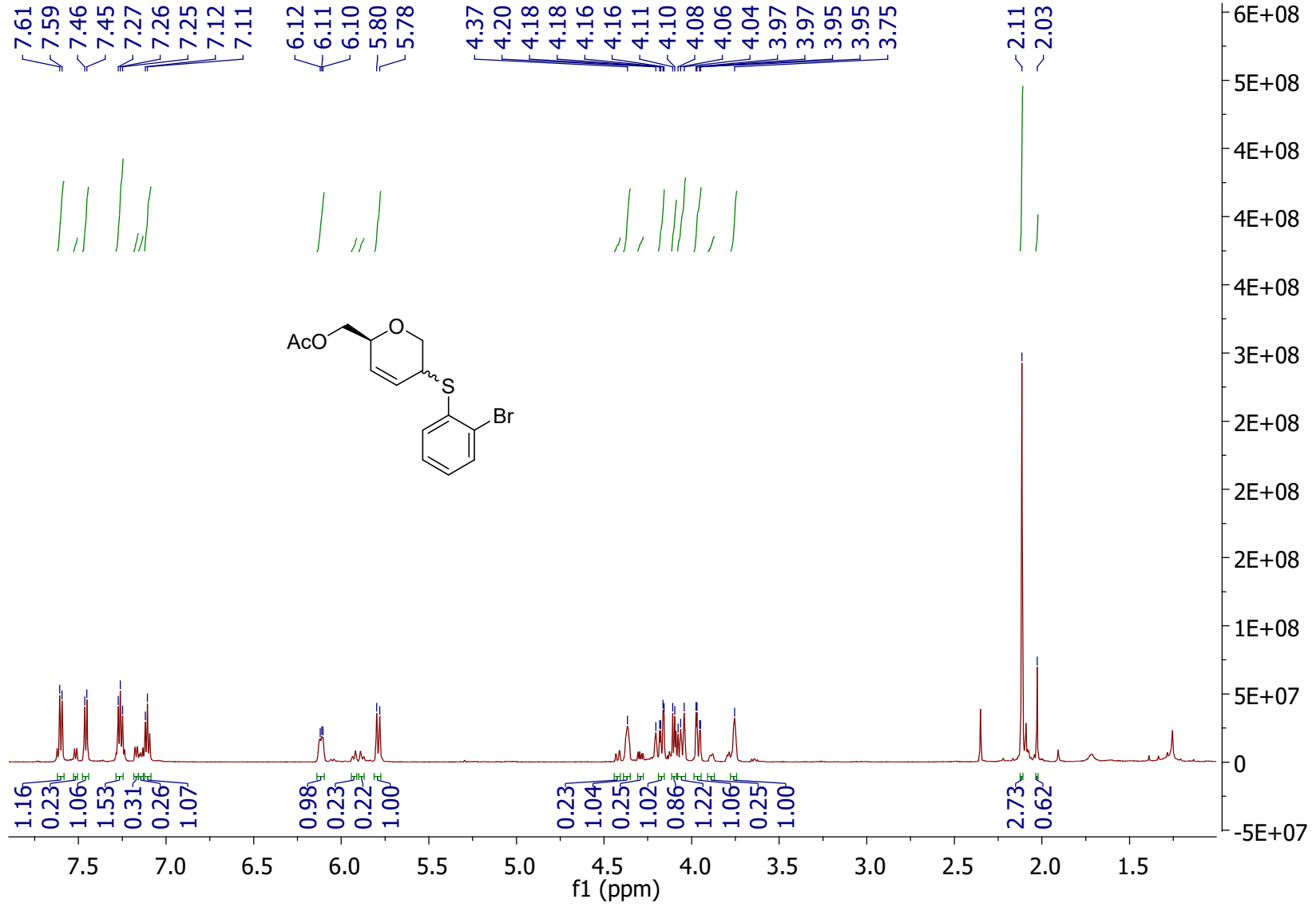


<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound **3f**

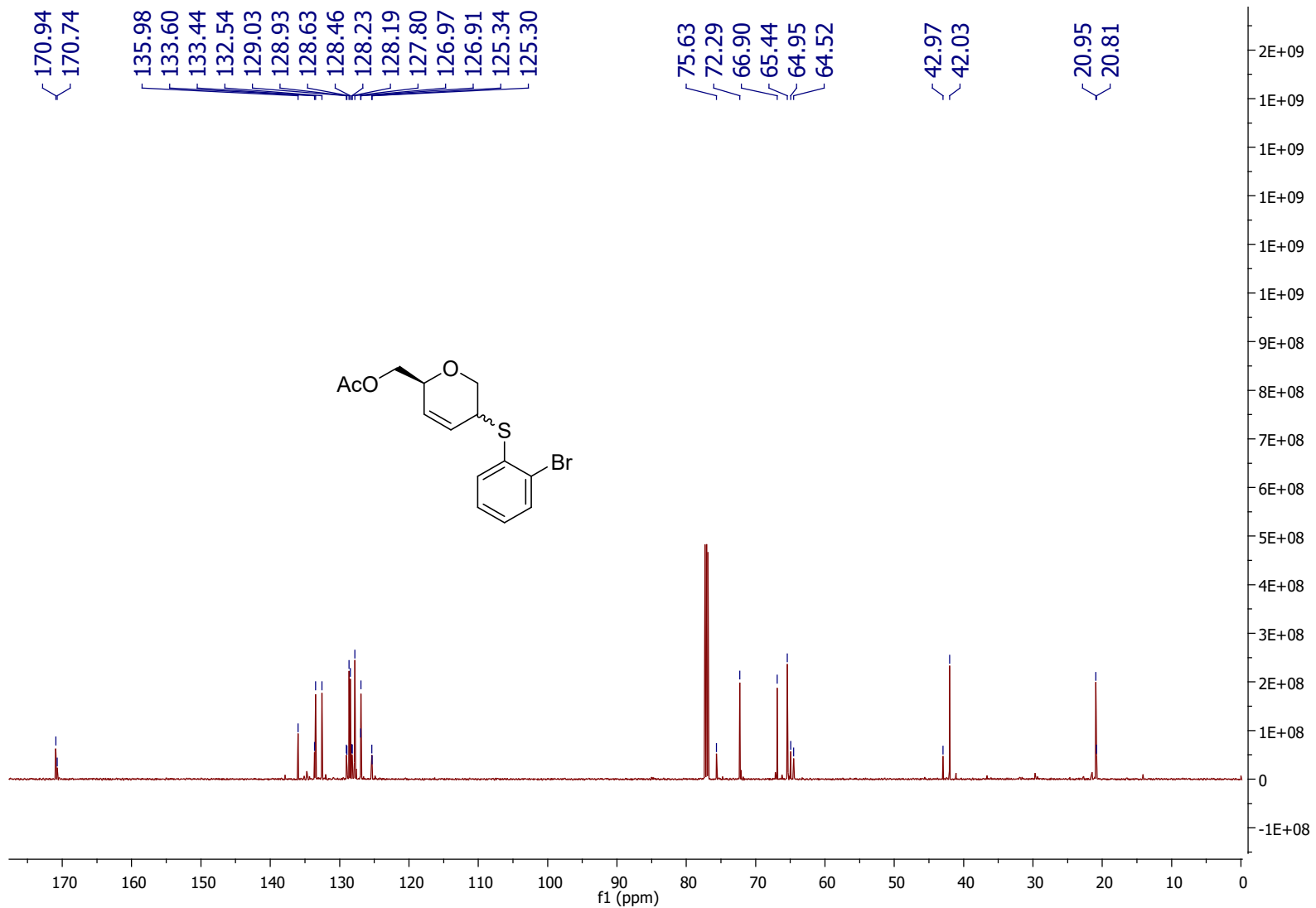


<sup>13</sup>C NMR (151 MHz, CDCl<sub>3</sub>) of compound **3f**

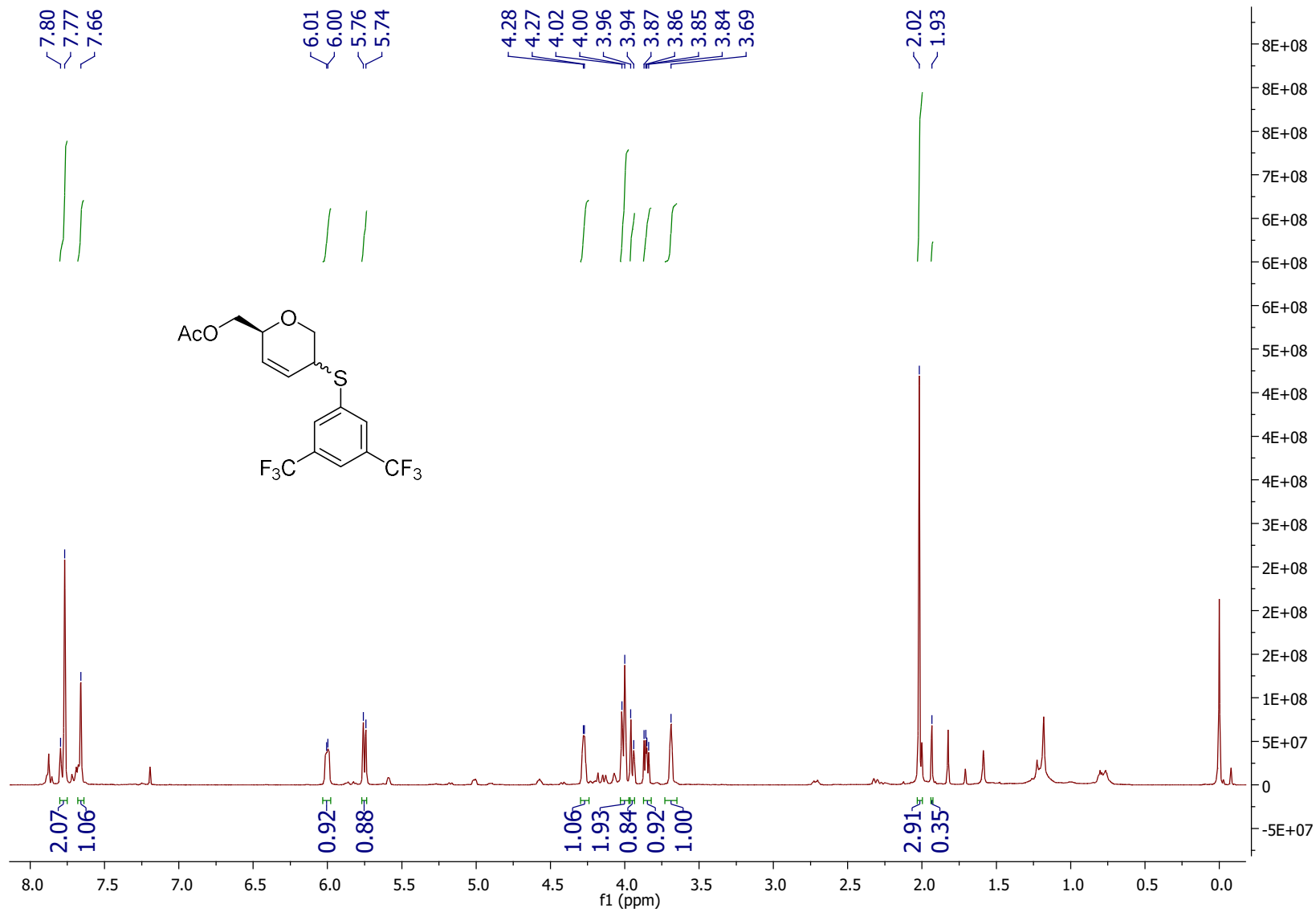




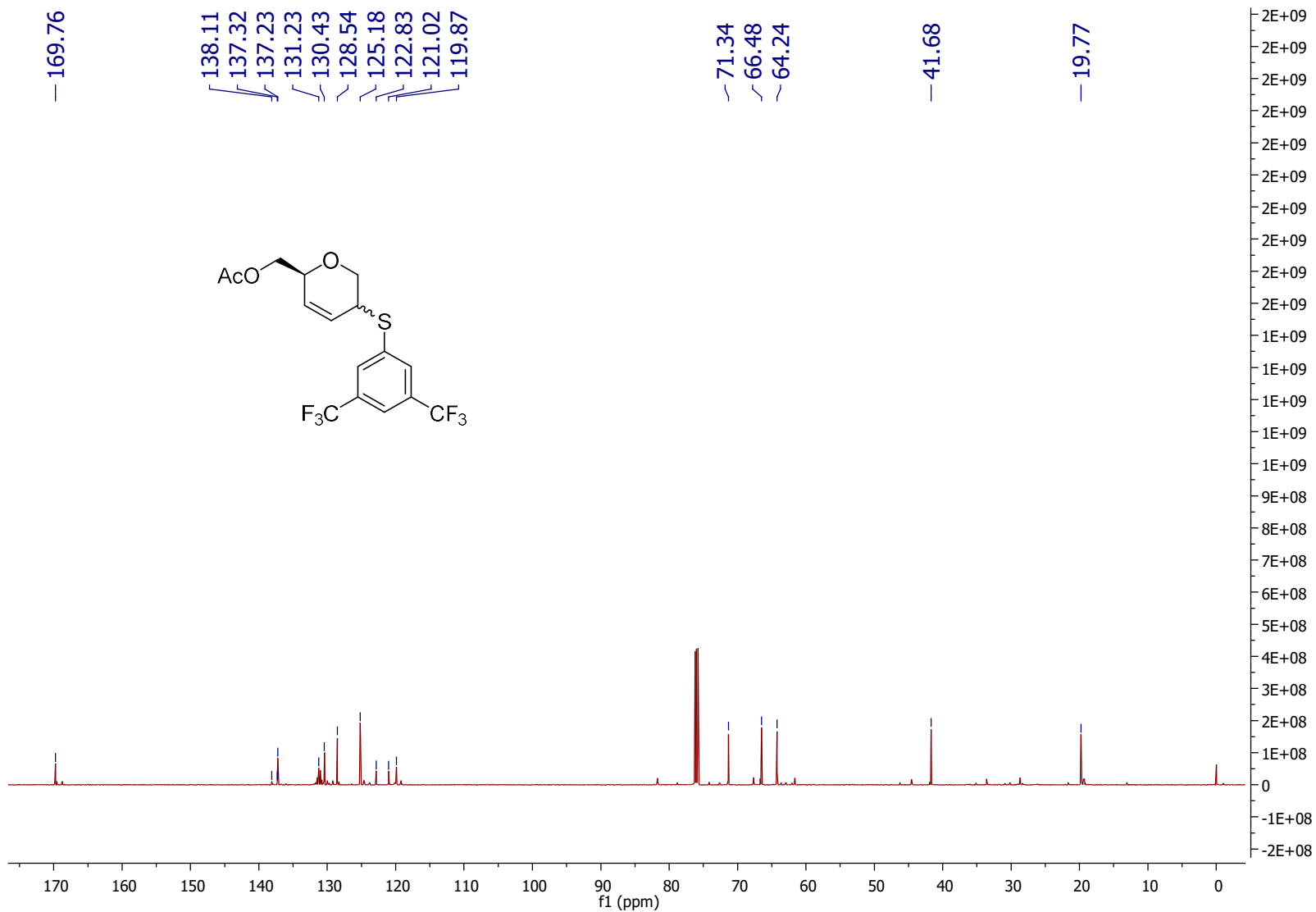
<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound **3g**



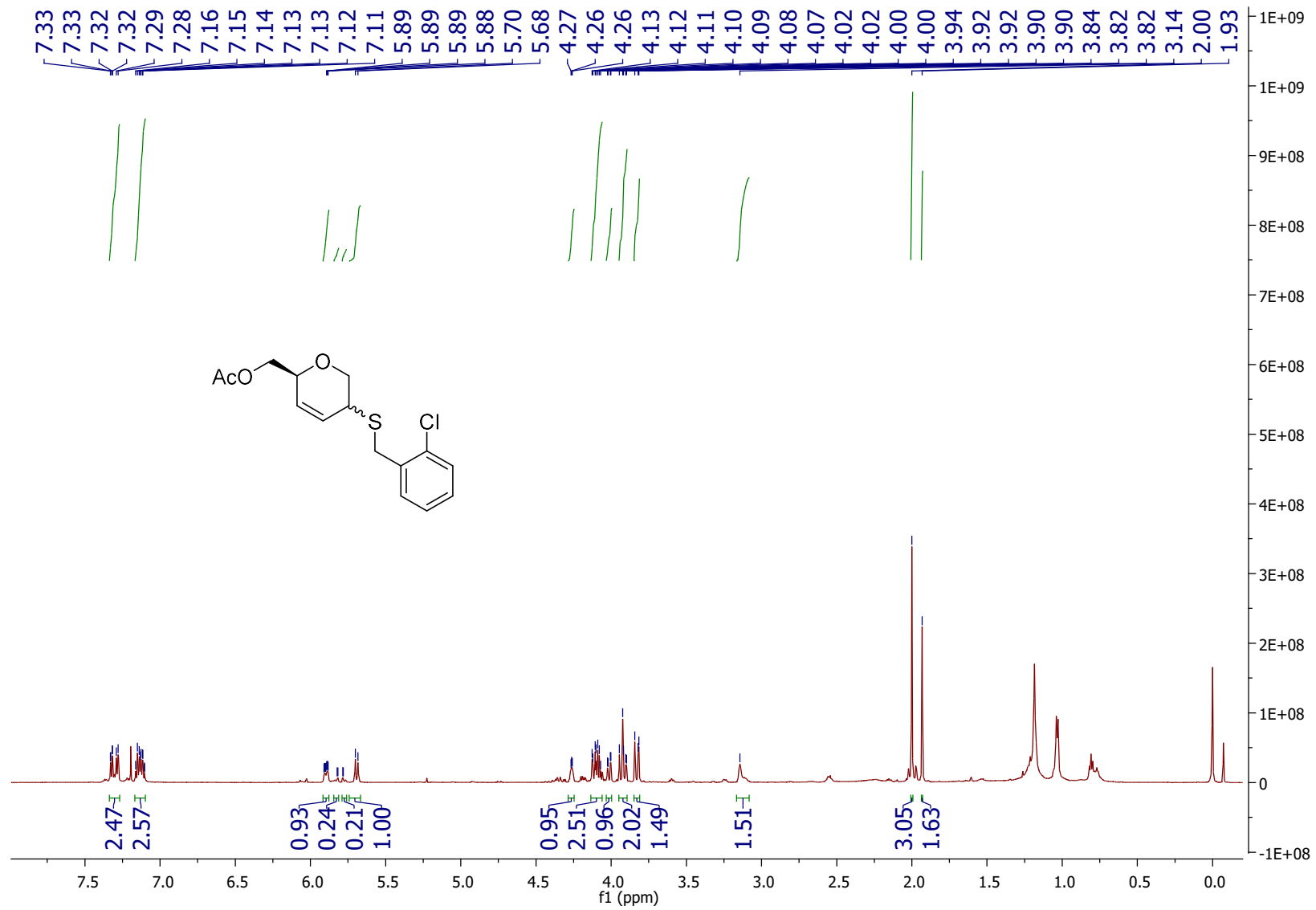
<sup>13</sup>C NMR (151 MHz, CDCl<sub>3</sub>) of compound **3g**



$^1\text{H}$  NMR (600 MHz,  $\text{CDCl}_3$ ) of compound **3h**

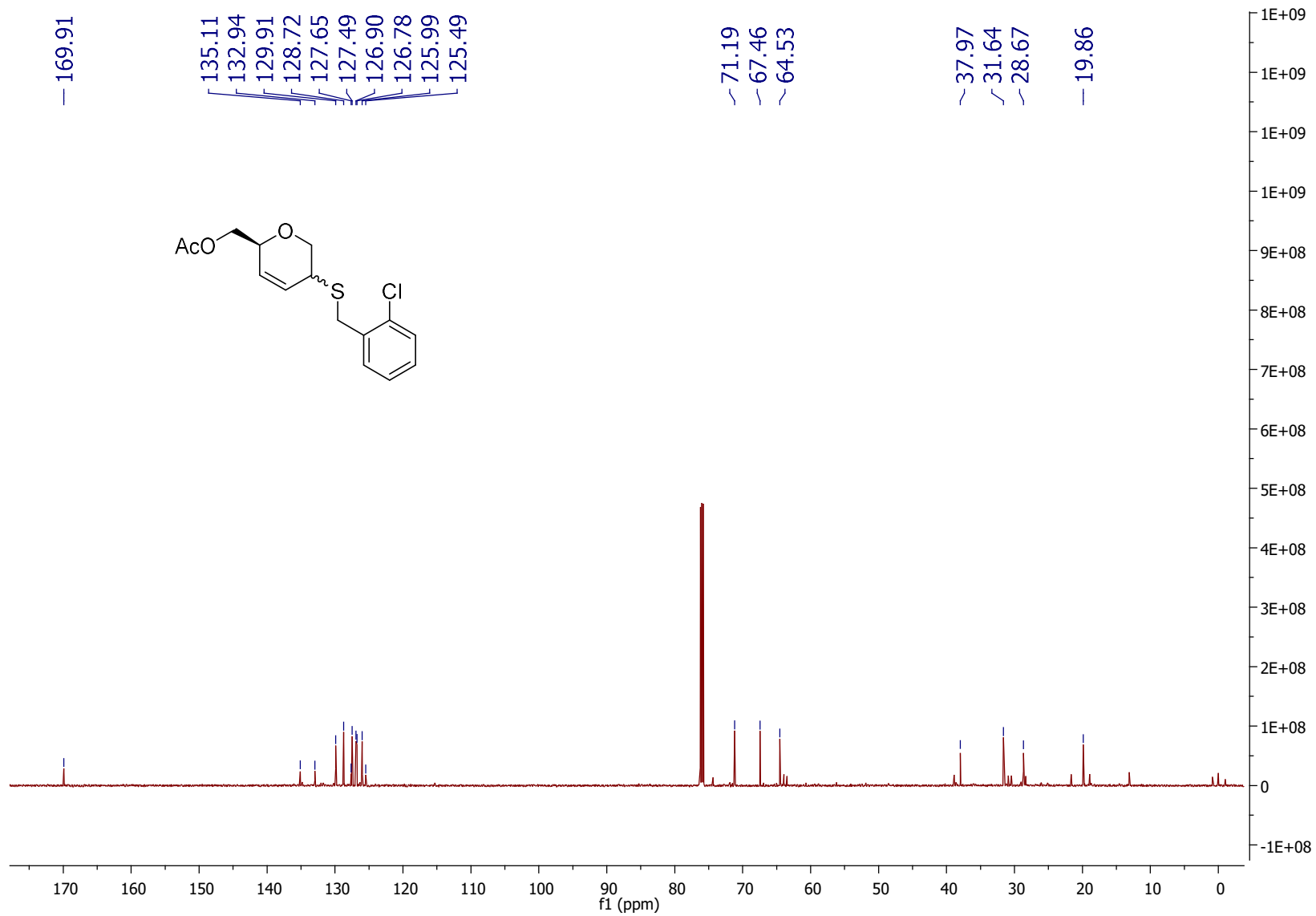


$^{13}\text{C}$  NMR (151 MHz,  $\text{CDCl}_3$ ) of compound **3h**

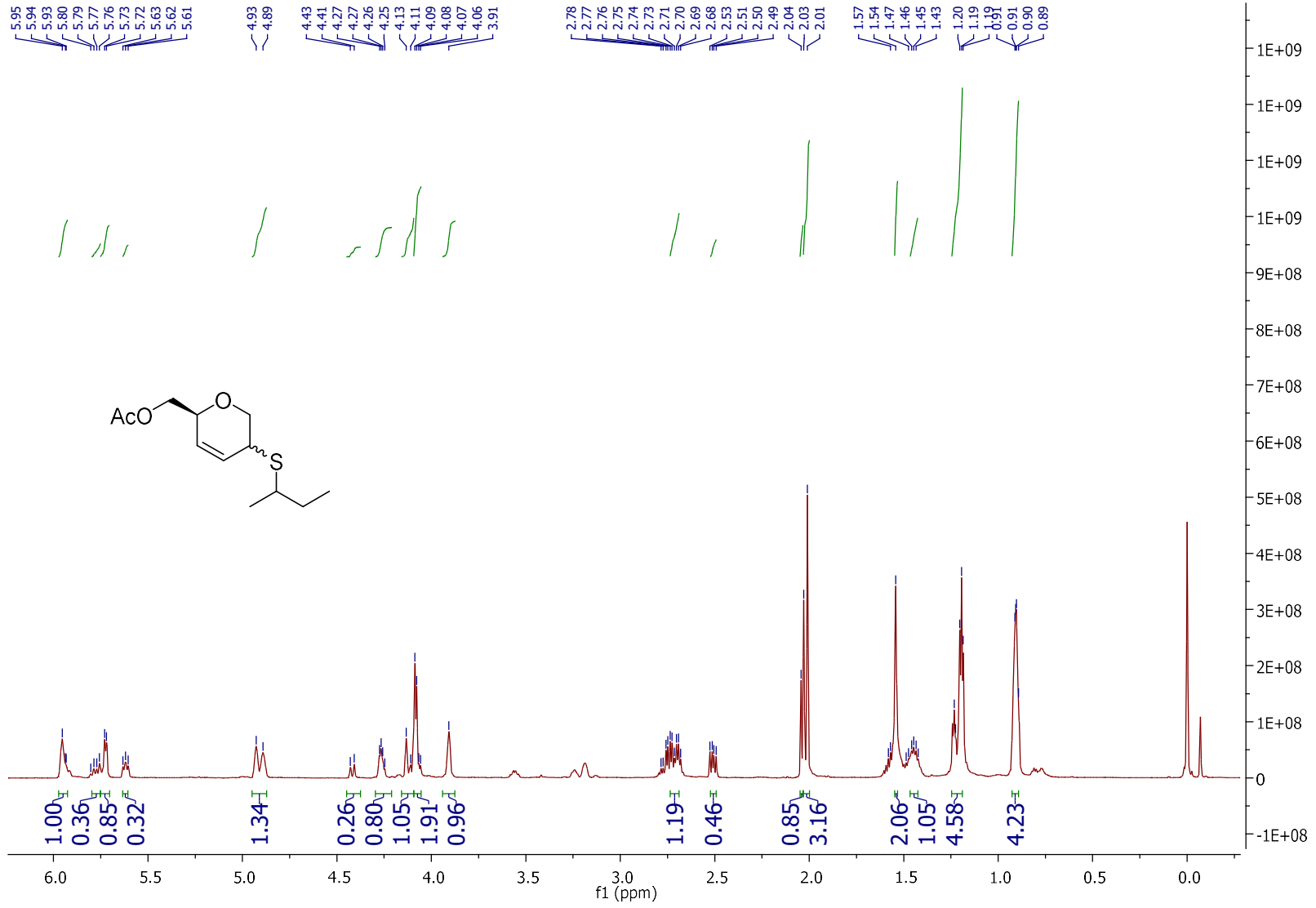


NMR (600 MHz, CDCl<sub>3</sub>) of compound 3i

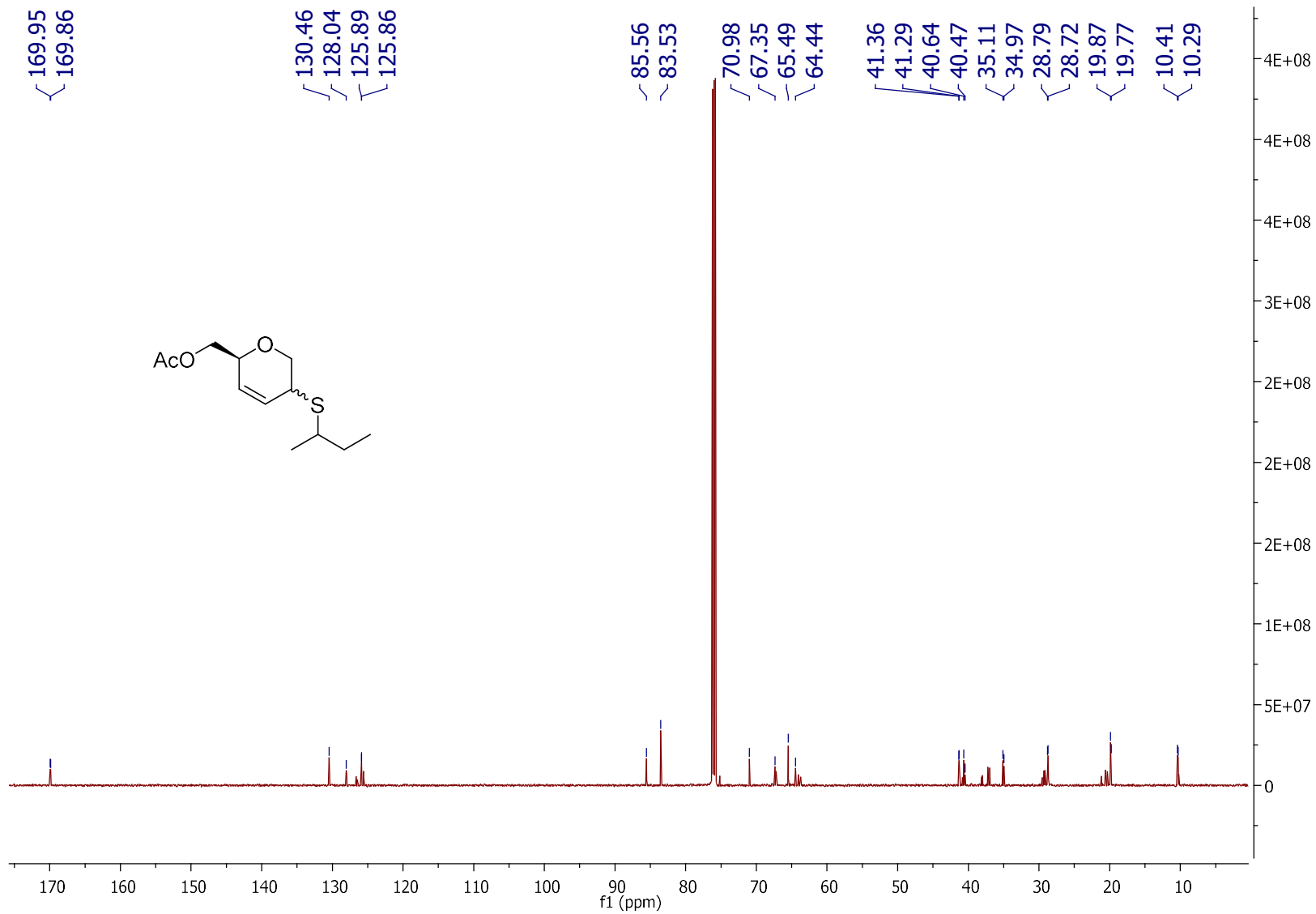
<sup>1</sup>H



<sup>13</sup>C NMR (151 MHz, CDCl<sub>3</sub>) of compound **3i**

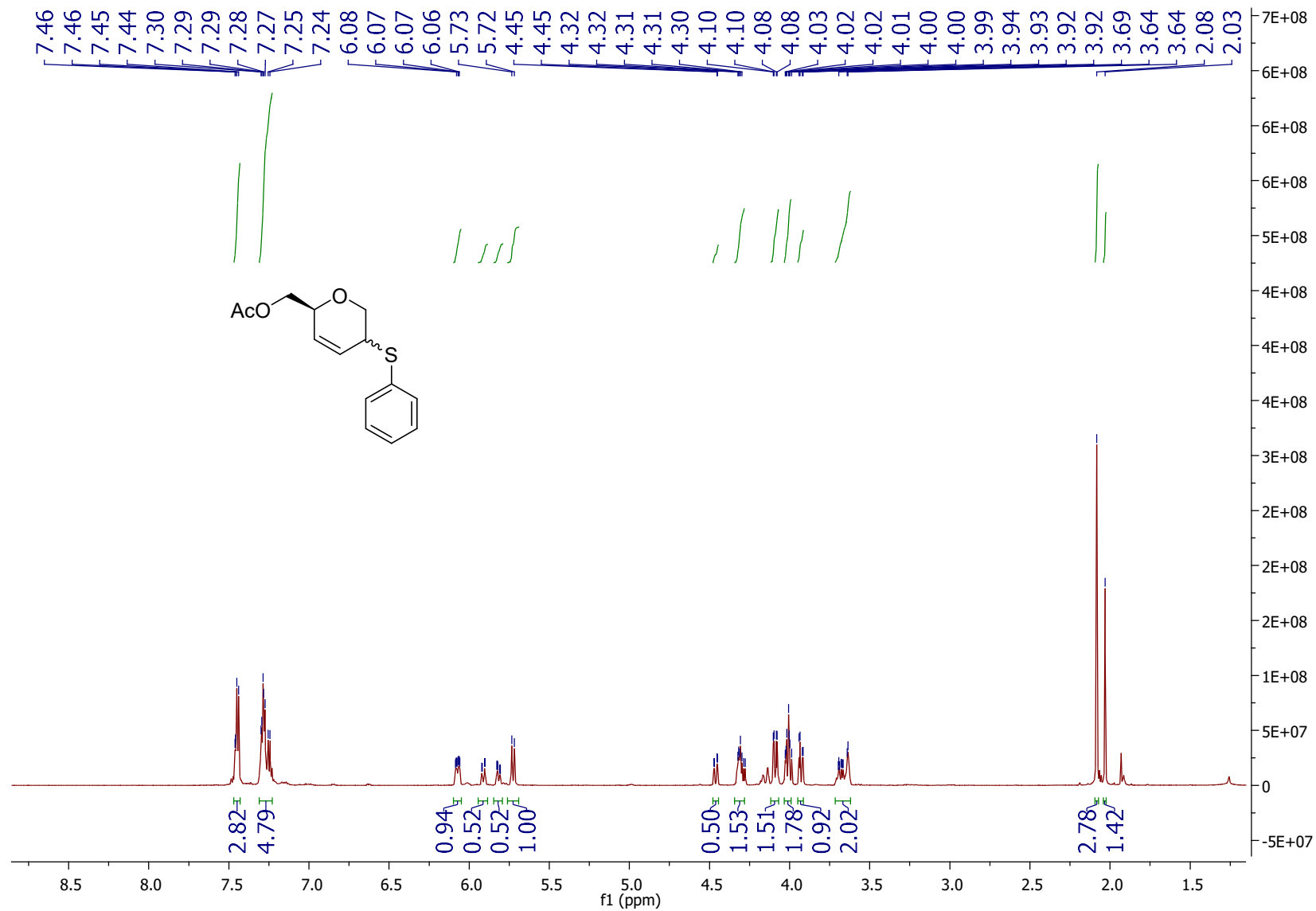


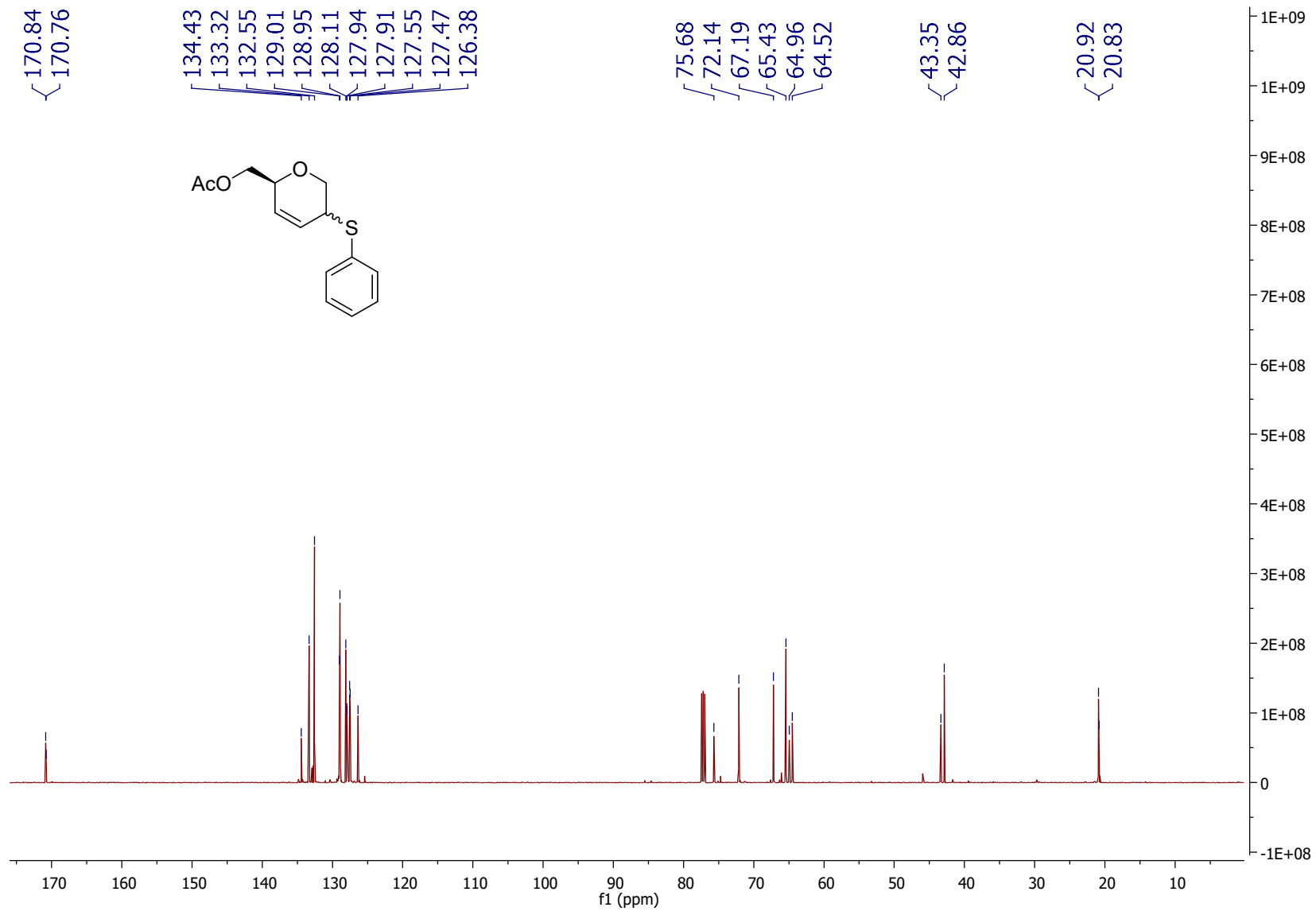
<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound **3j**



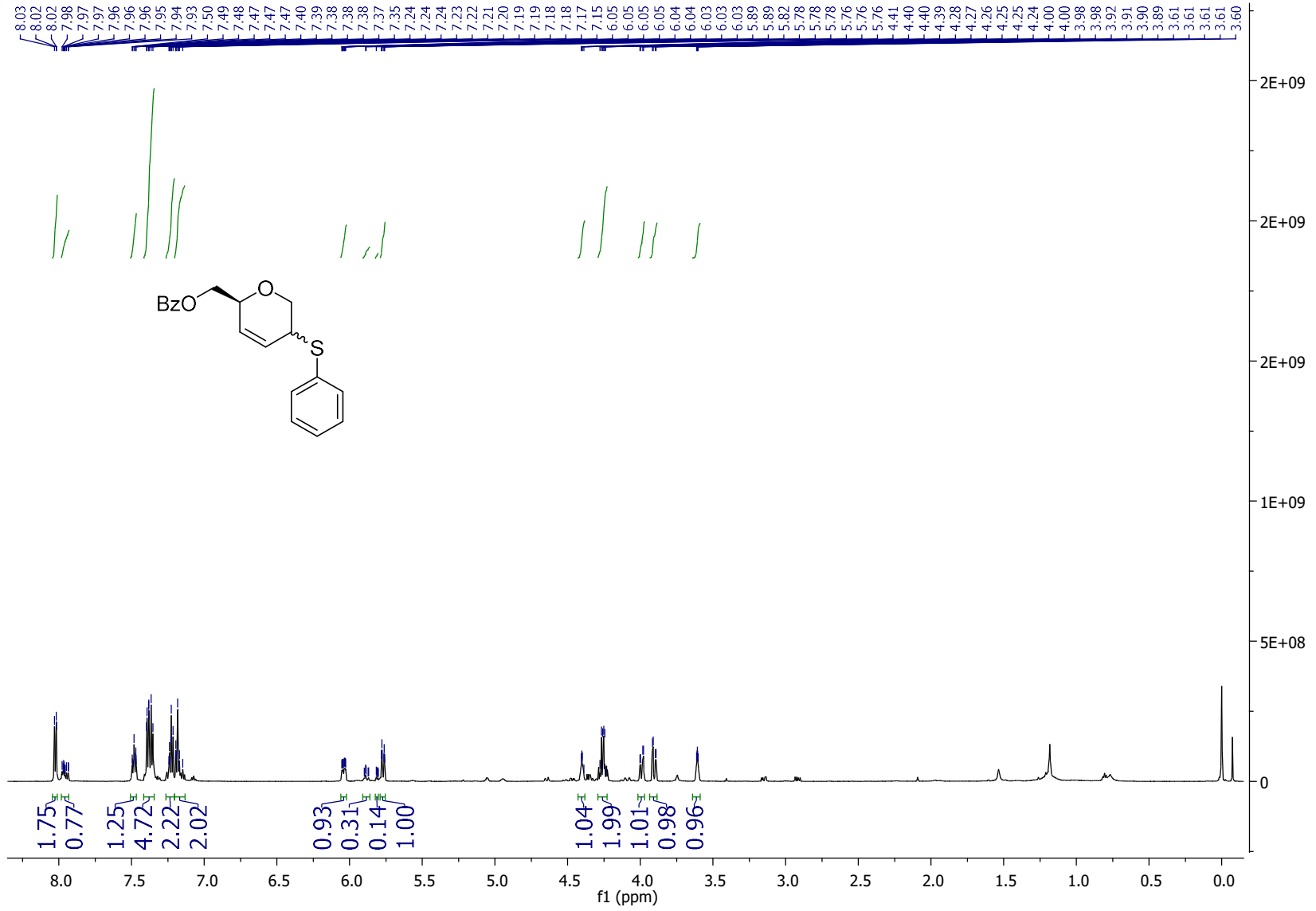
<sup>13</sup>C NMR (151 MHz, CDCl<sub>3</sub>) of compound **3j**



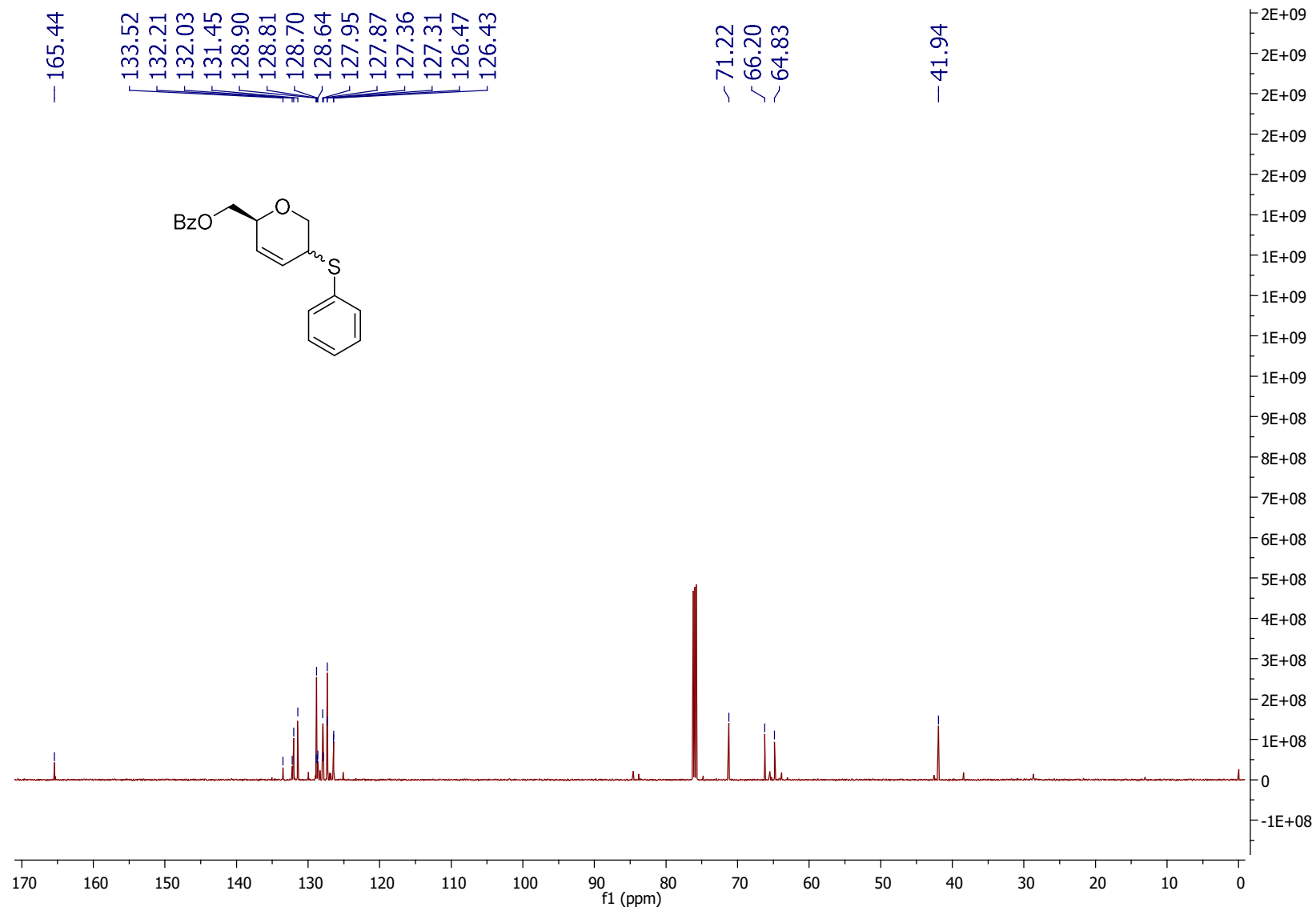




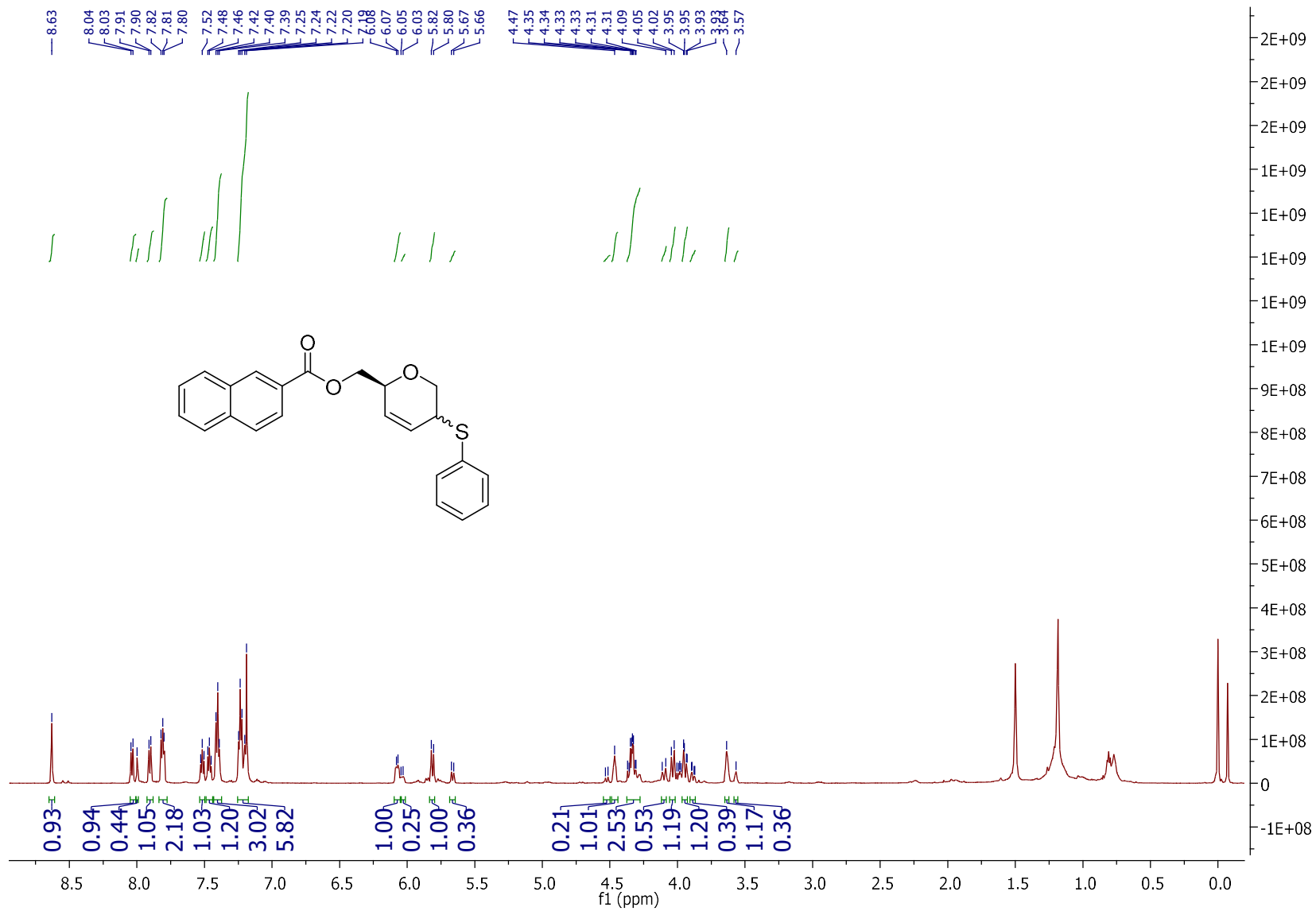
<sup>13</sup>C NMR (151 MHz, CDCl<sub>3</sub>) of compound 3a



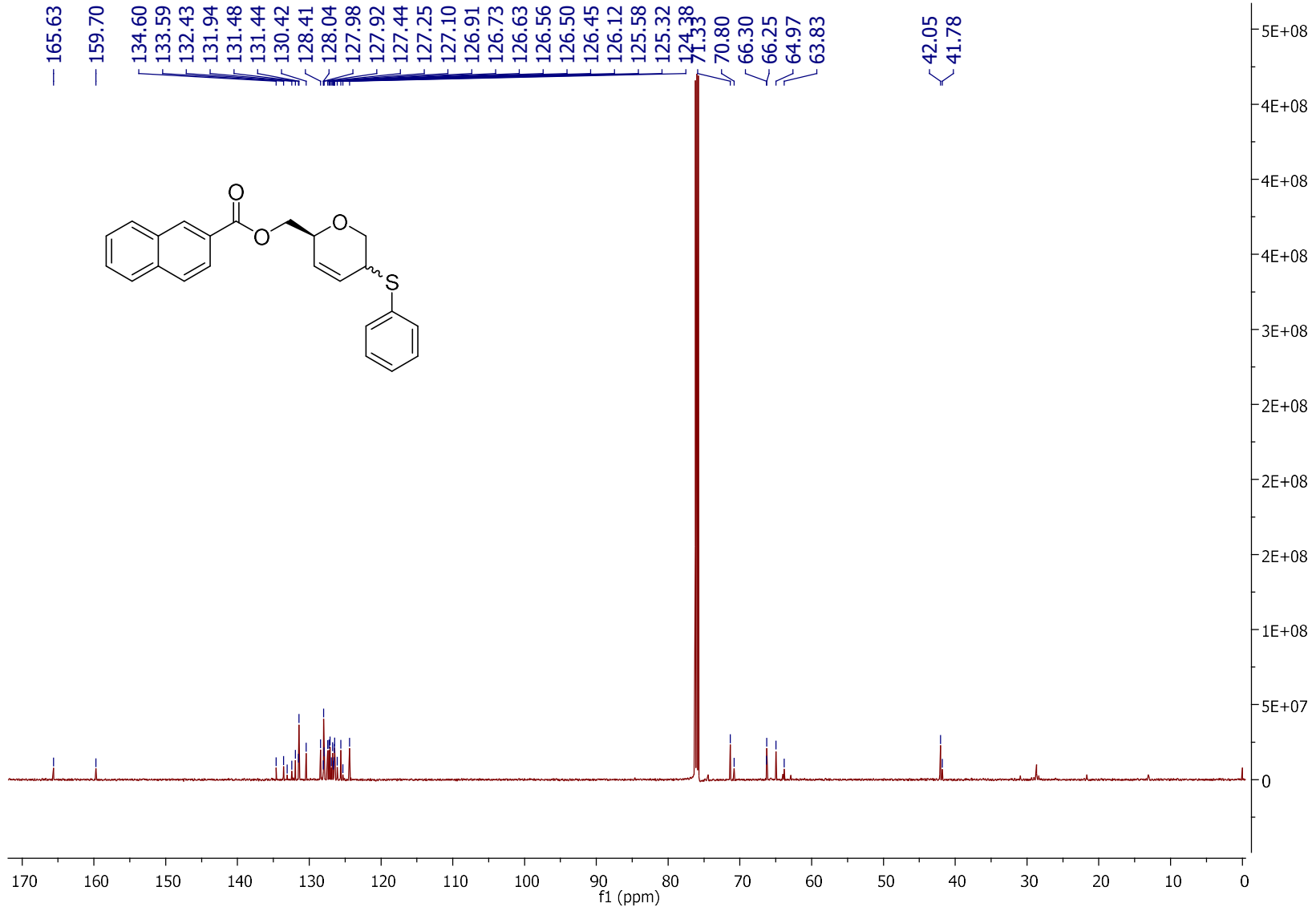
<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound **3I**

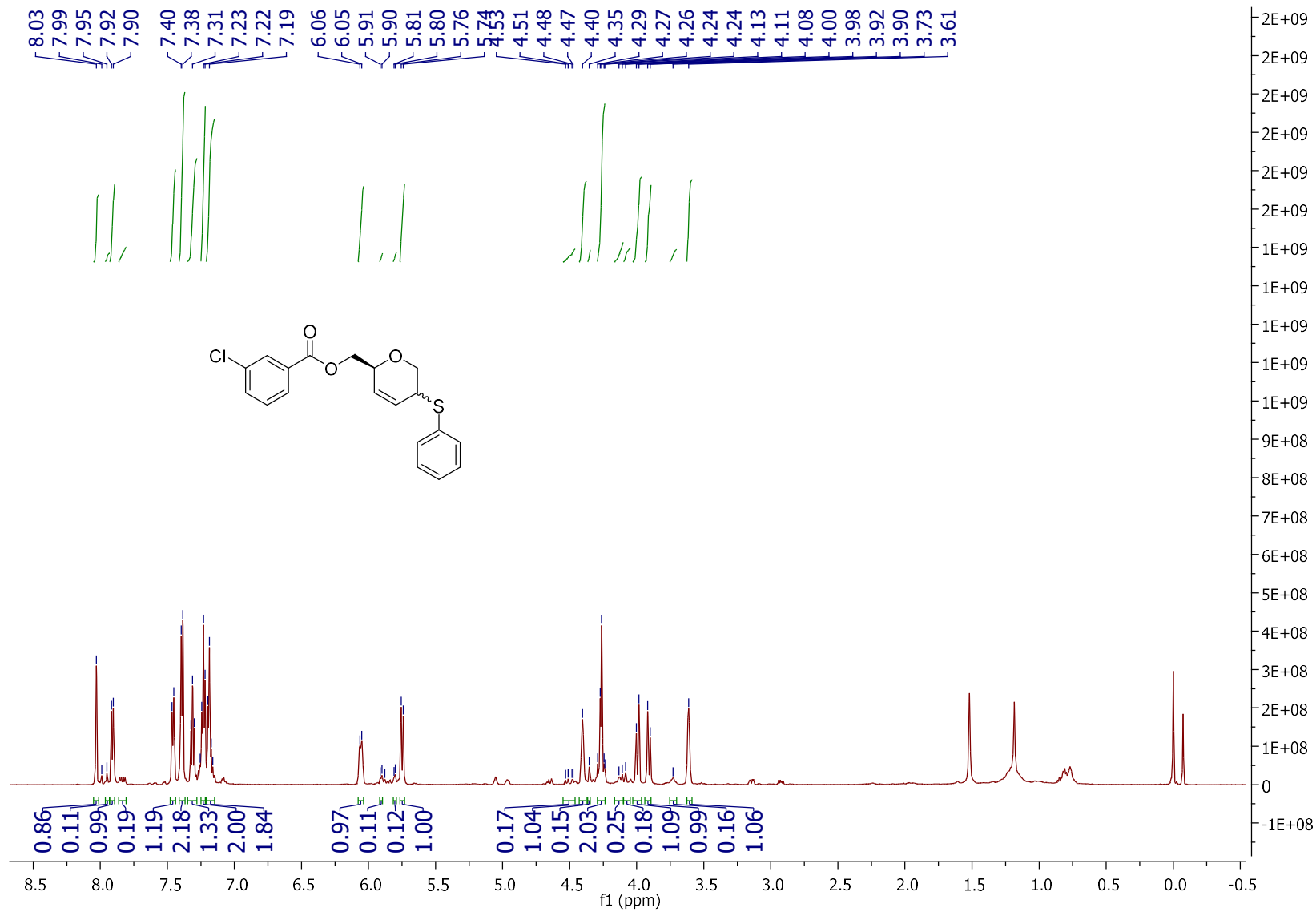


$^{13}\text{C}$  NMR (151 MHz,  $\text{CDCl}_3$ ) of compound **3I**

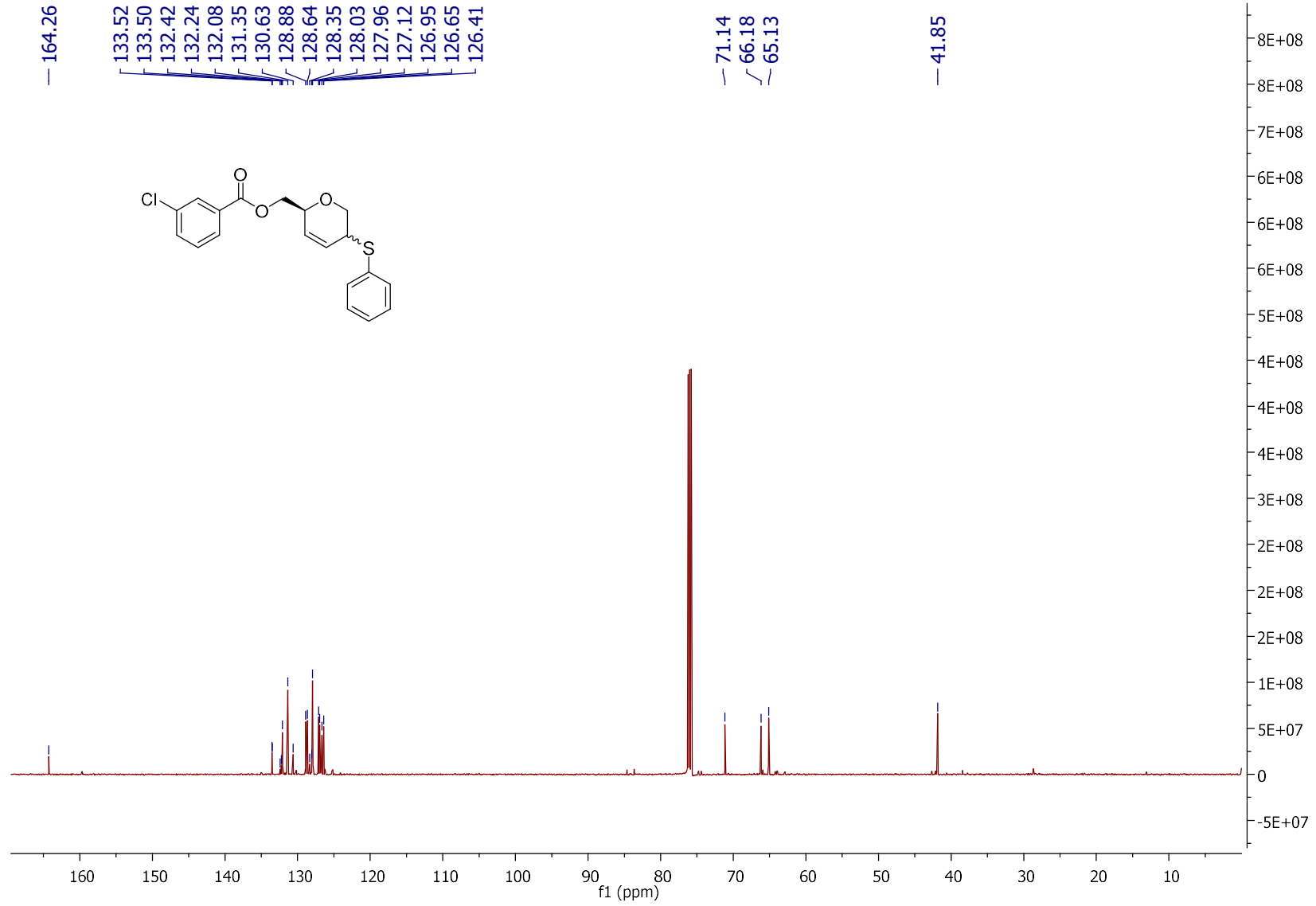


<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound **3m**



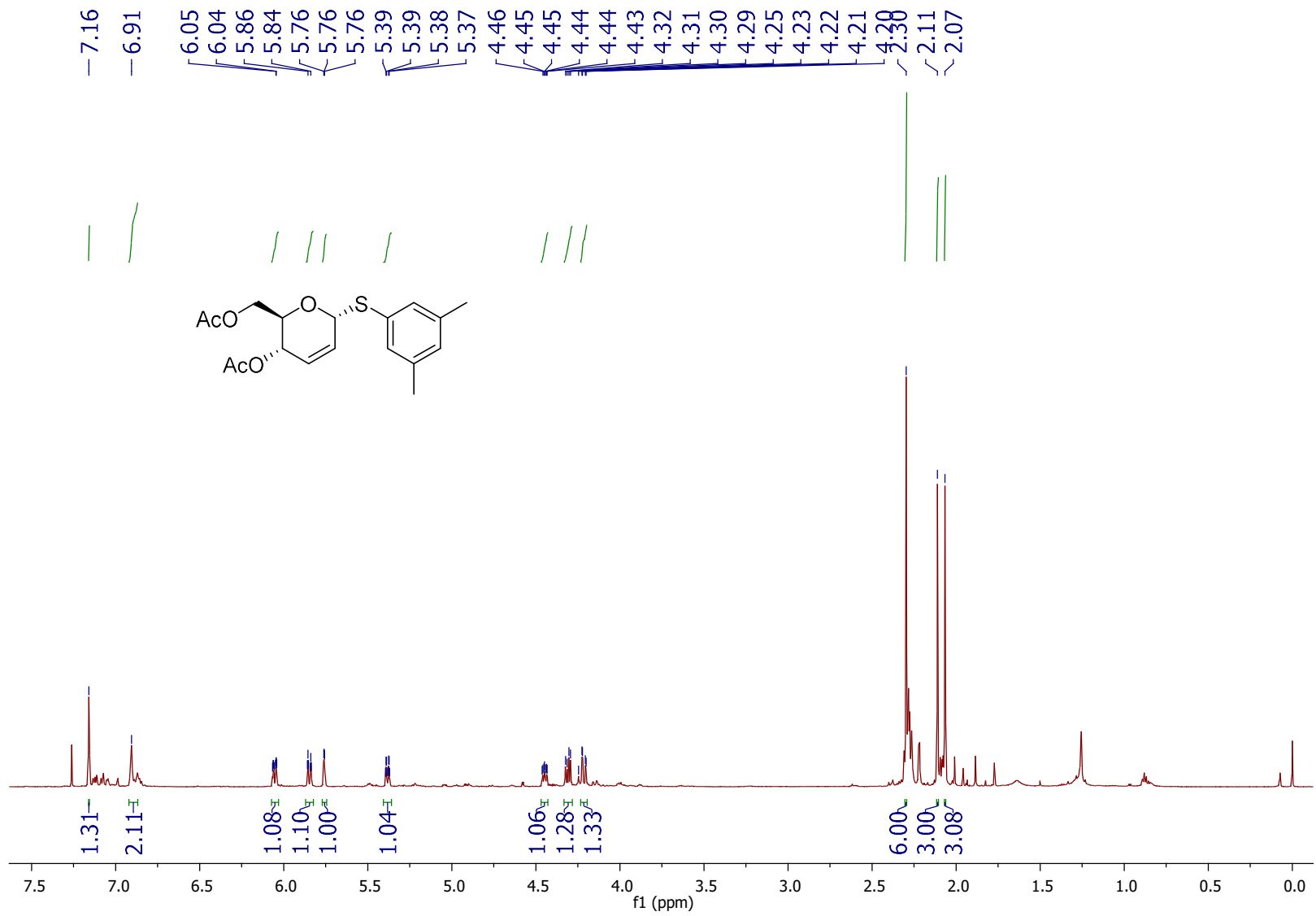


$^1\text{H}$  NMR (600 MHz,  $\text{CDCl}_3$ ) of compound **3n**

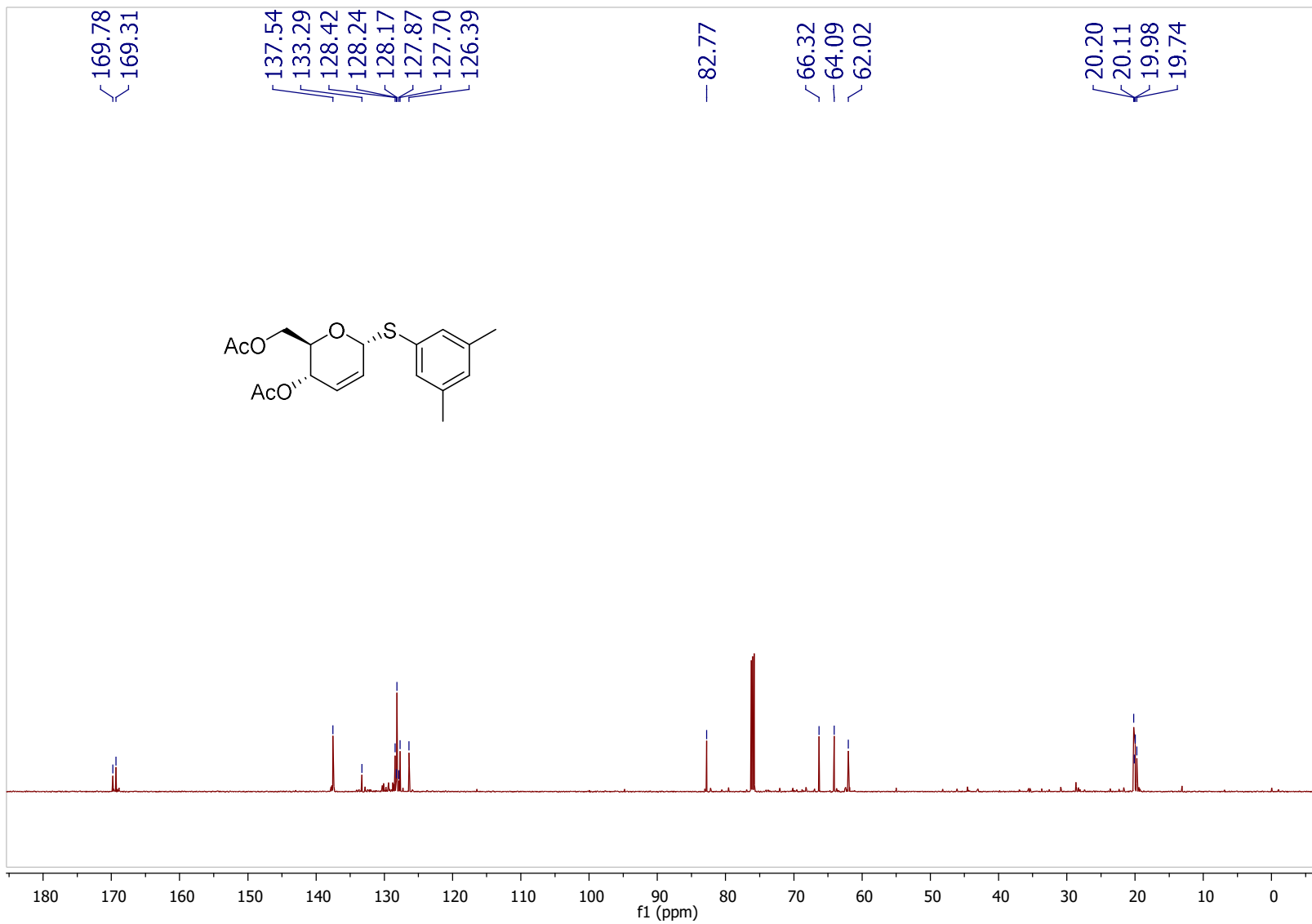


$^{13}\text{C}$  NMR (151 MHz,  $\text{CDCl}_3$ ) of compound **3n**

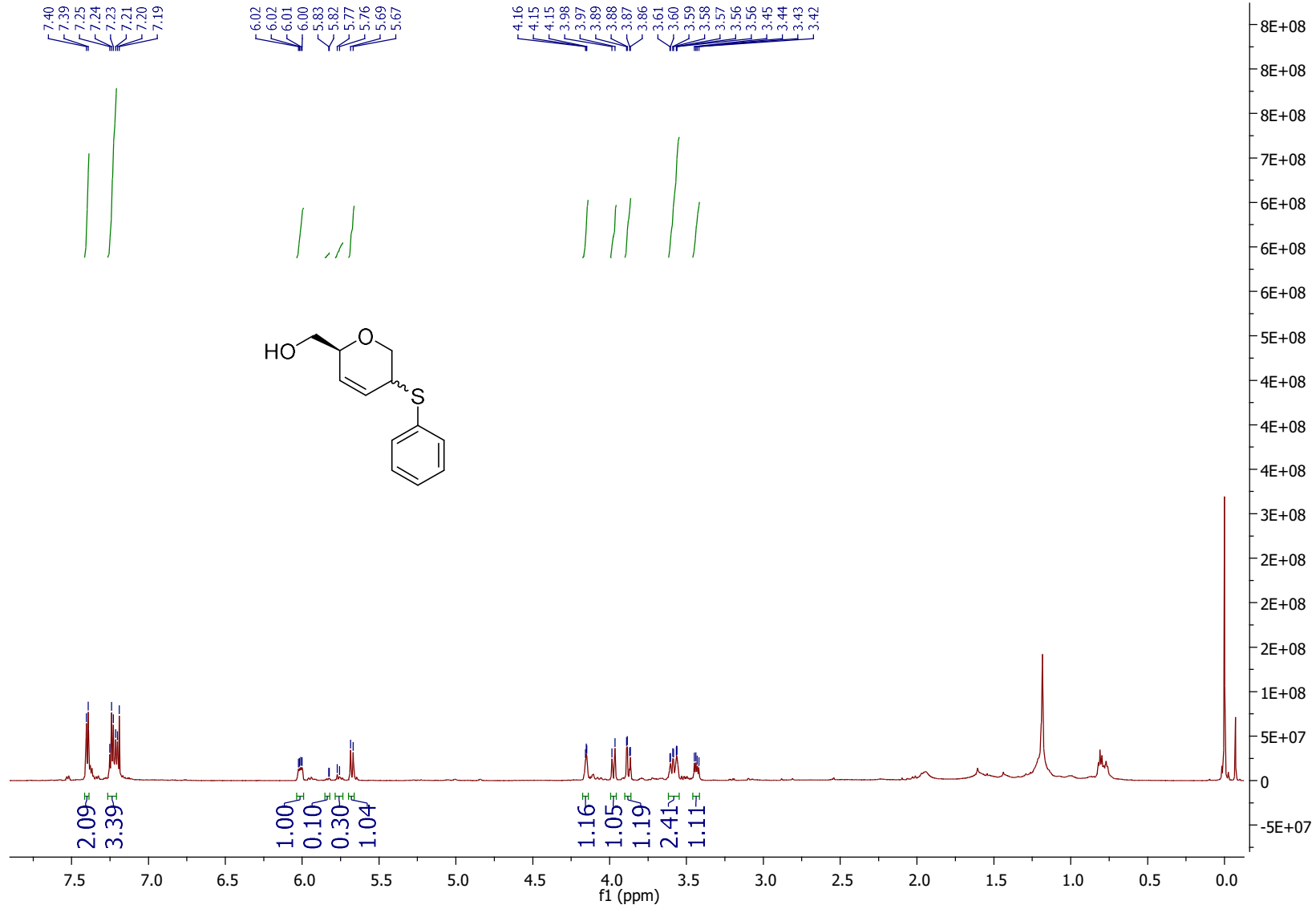




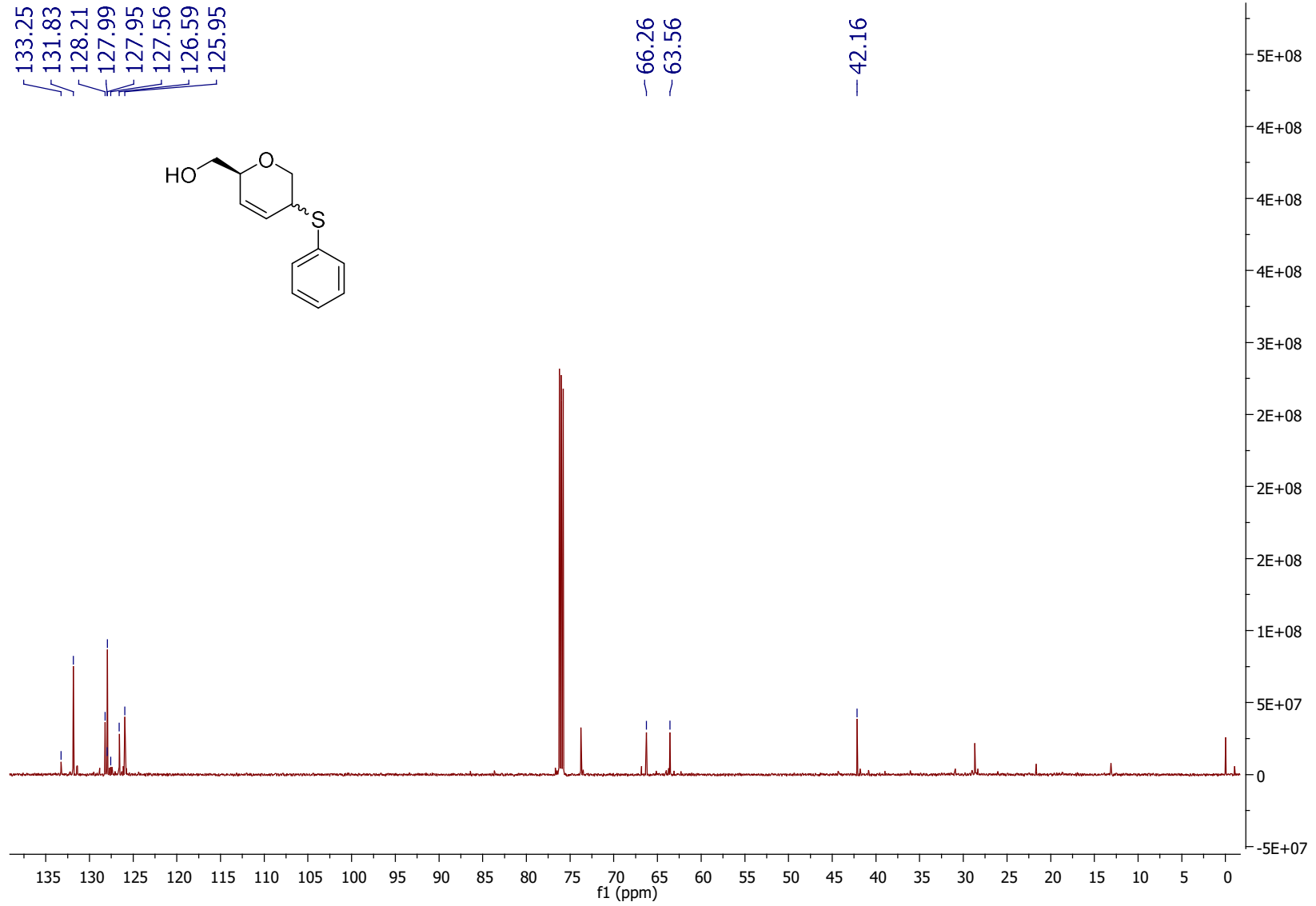
<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound **4b**



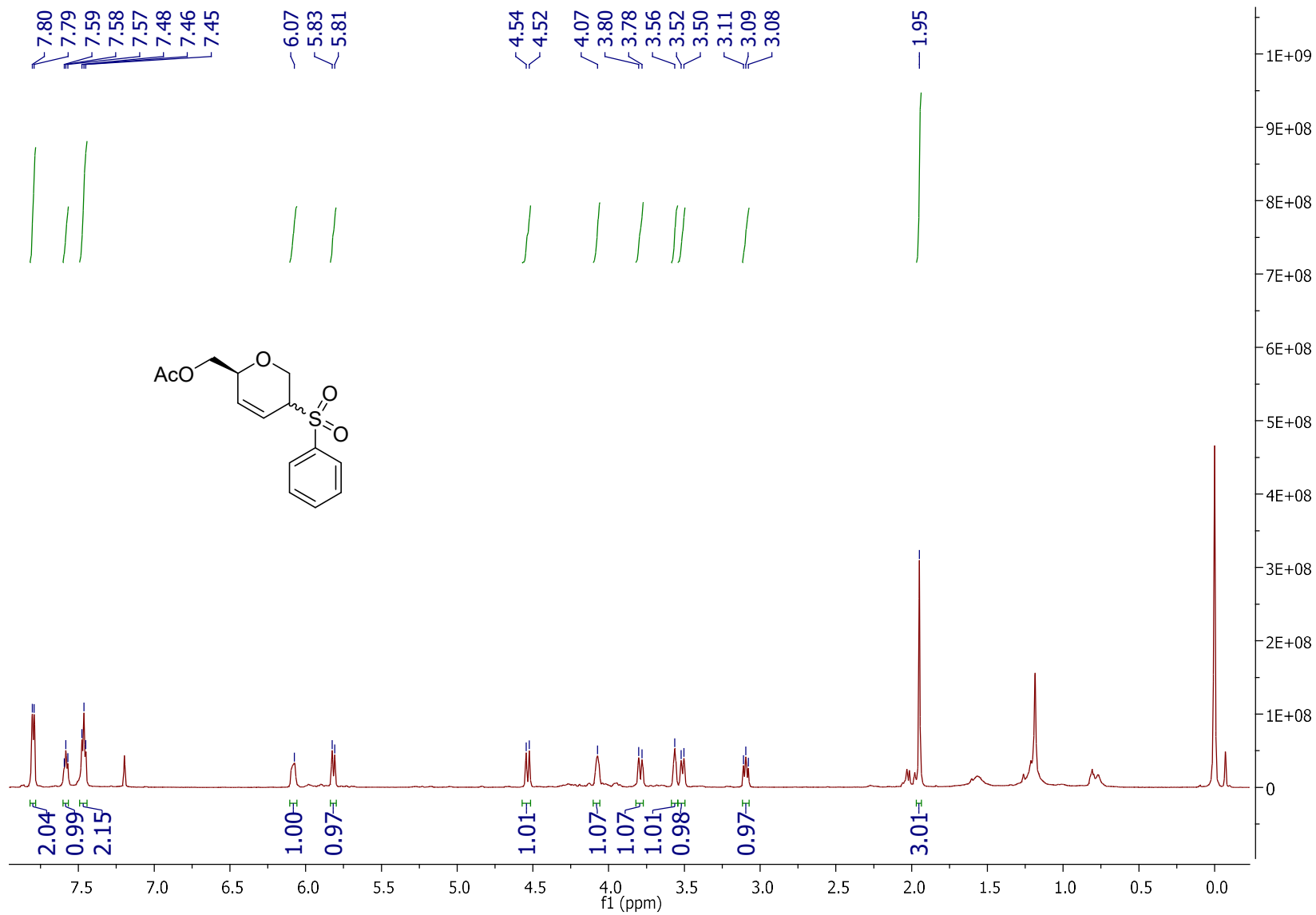
<sup>13</sup>C NMR (151 MHz, CDCl<sub>3</sub>) of compound **4b**



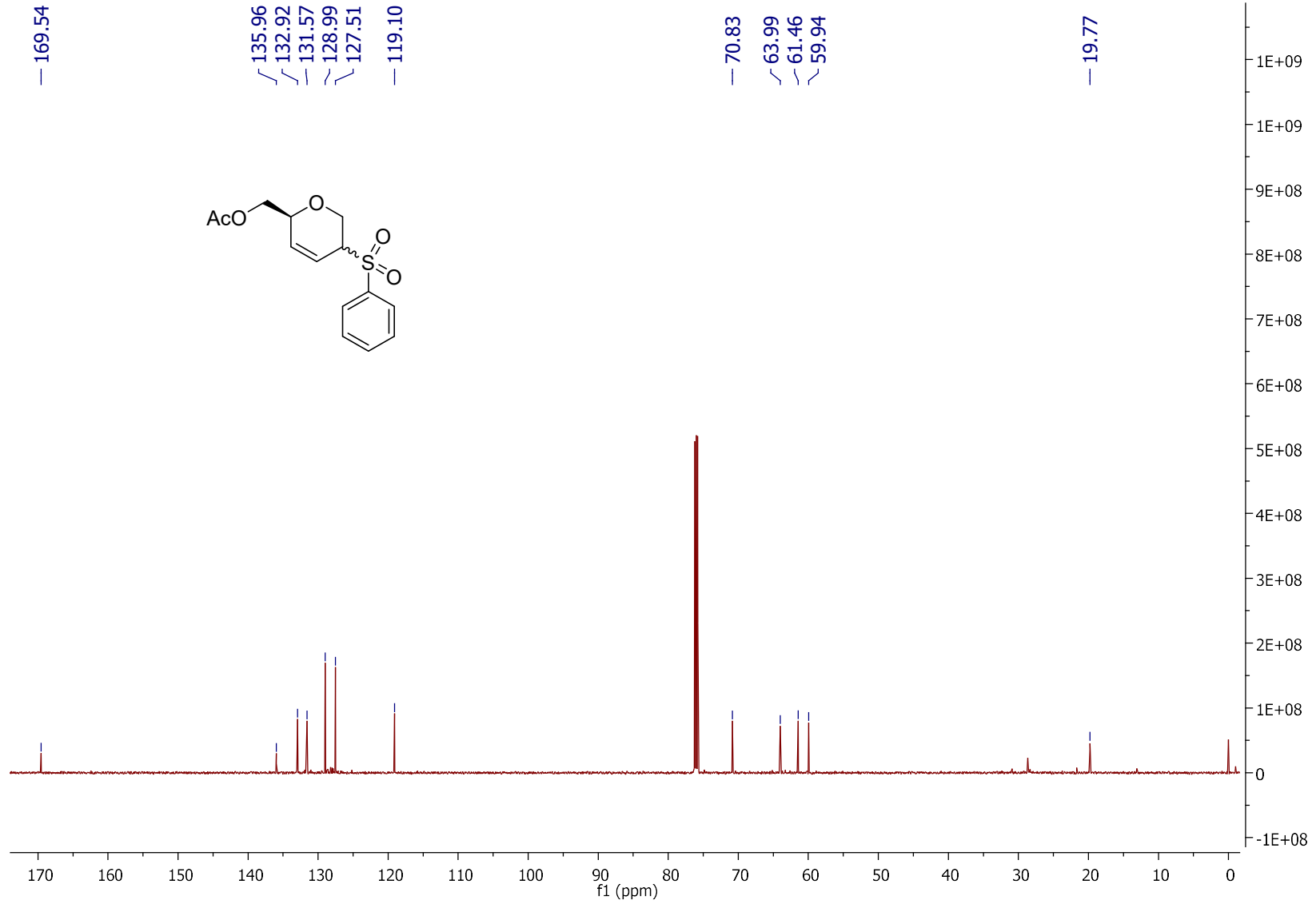
<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound **5a**



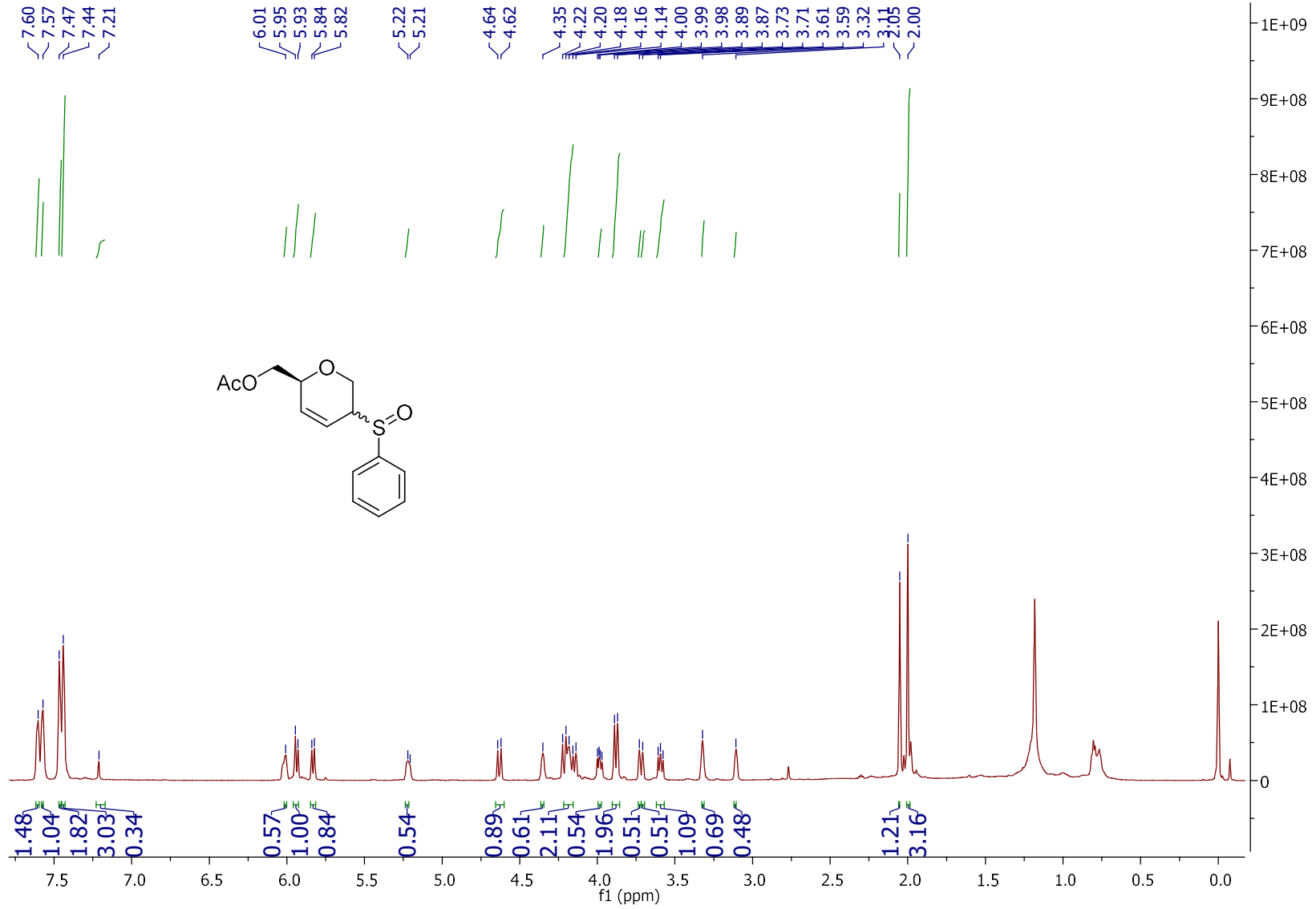
$^{13}\text{C}$  NMR (151 MHz,  $\text{CDCl}_3$ ) of compound **5a**



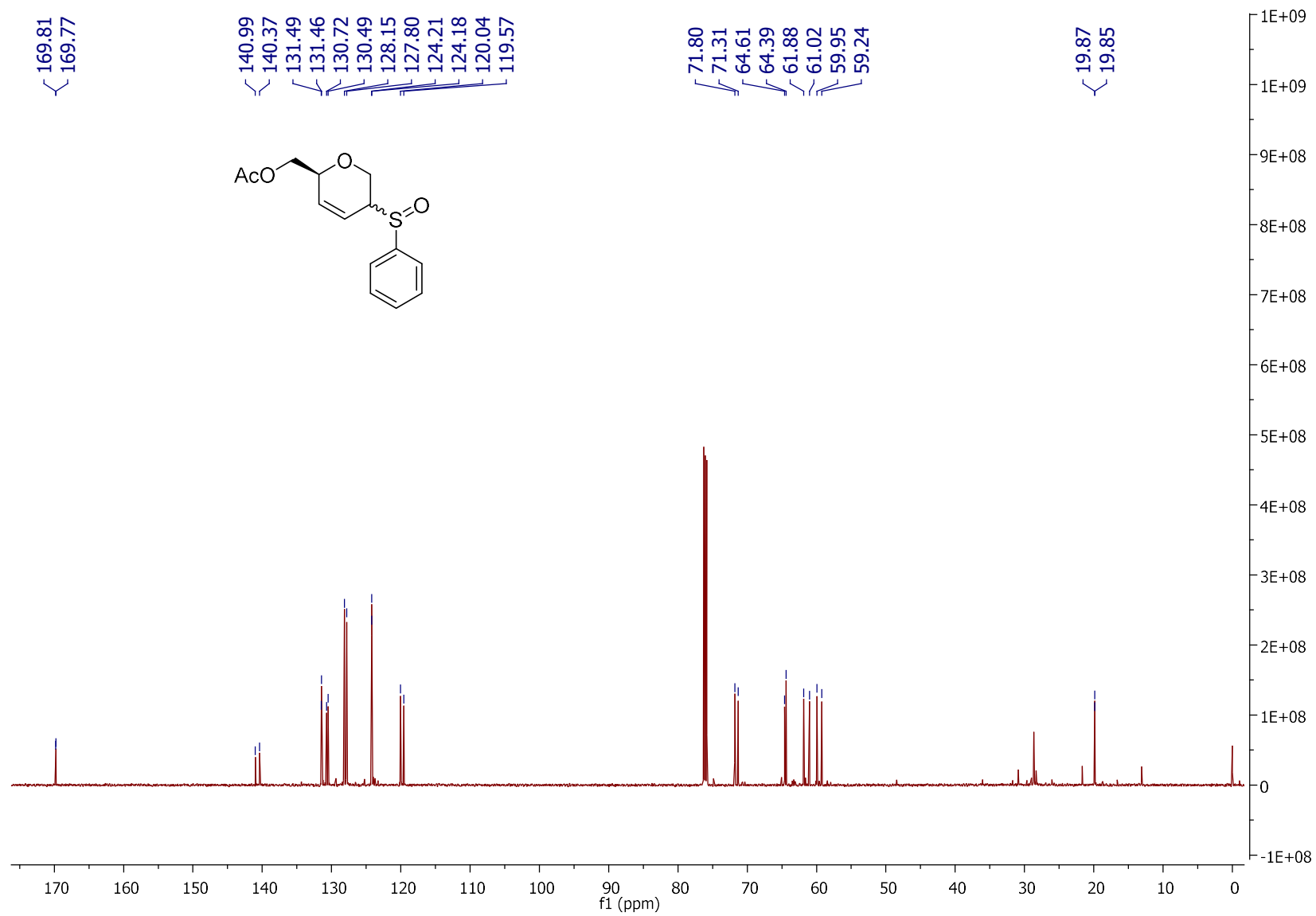
<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound **5b**



$^{13}\text{C}$  NMR (151 MHz,  $\text{CDCl}_3$ ) of compound **5b**

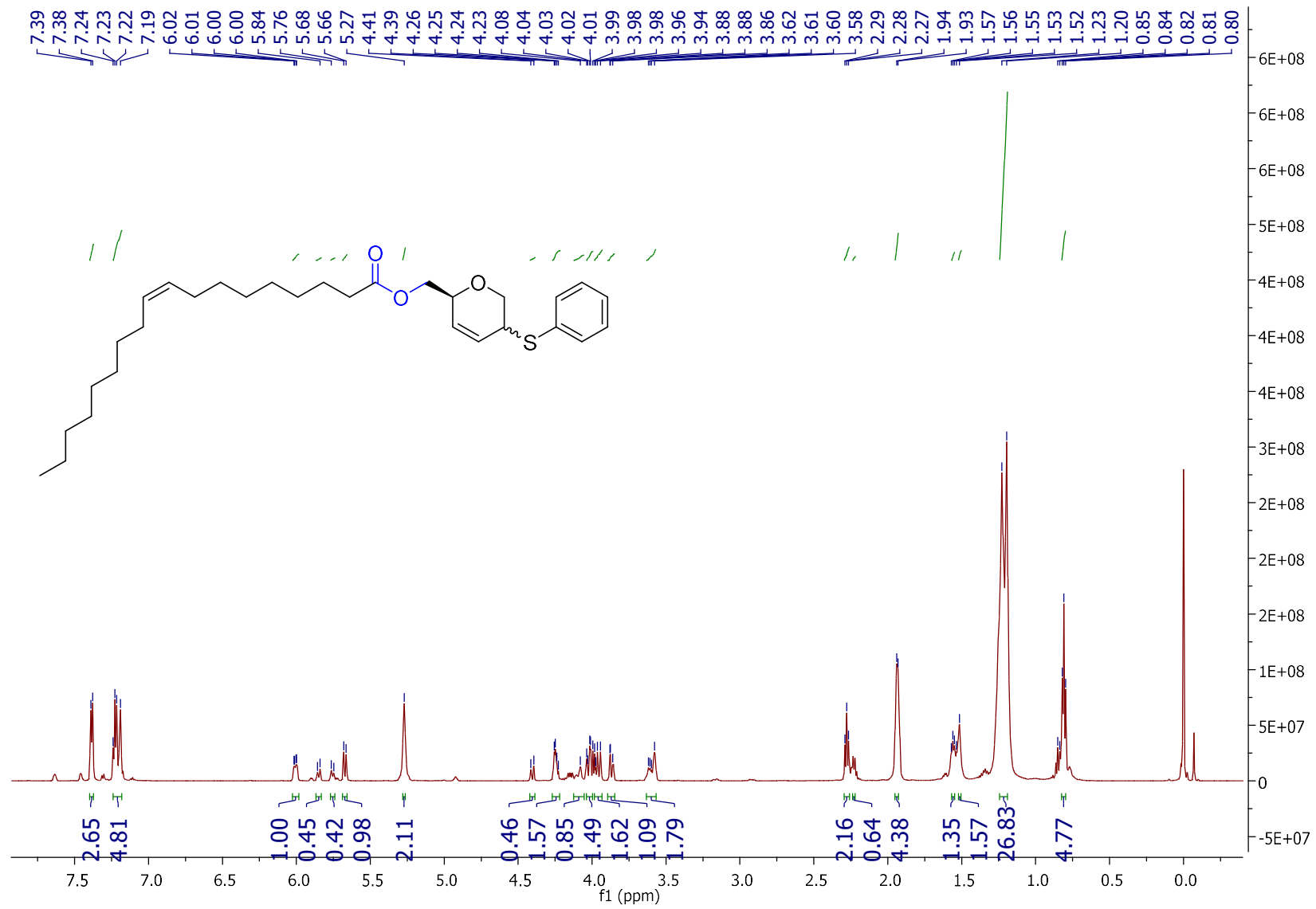


<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound **5c**

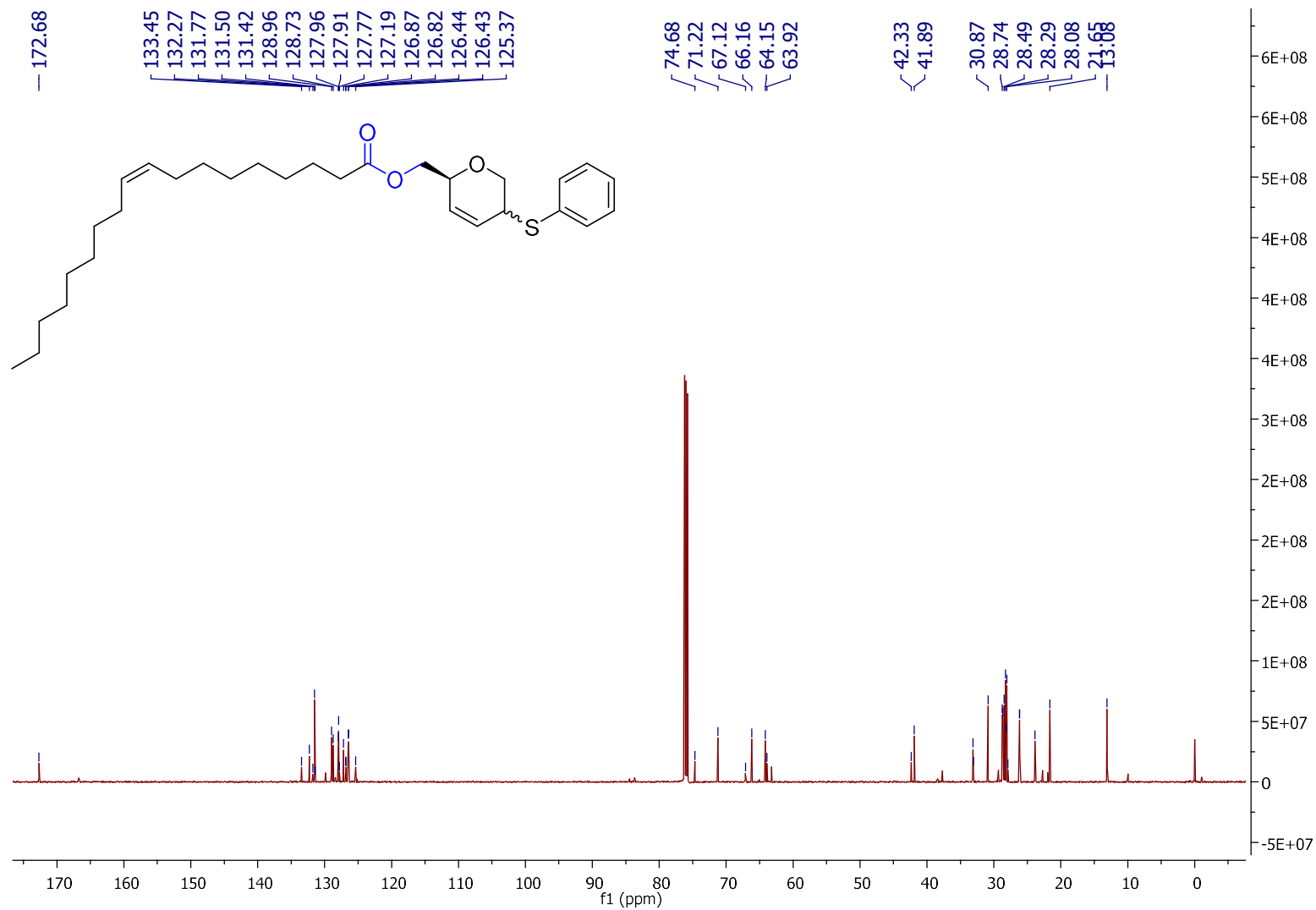


<sup>13</sup>C NMR (151 MHz, CDCl<sub>3</sub>) of compound **5c**

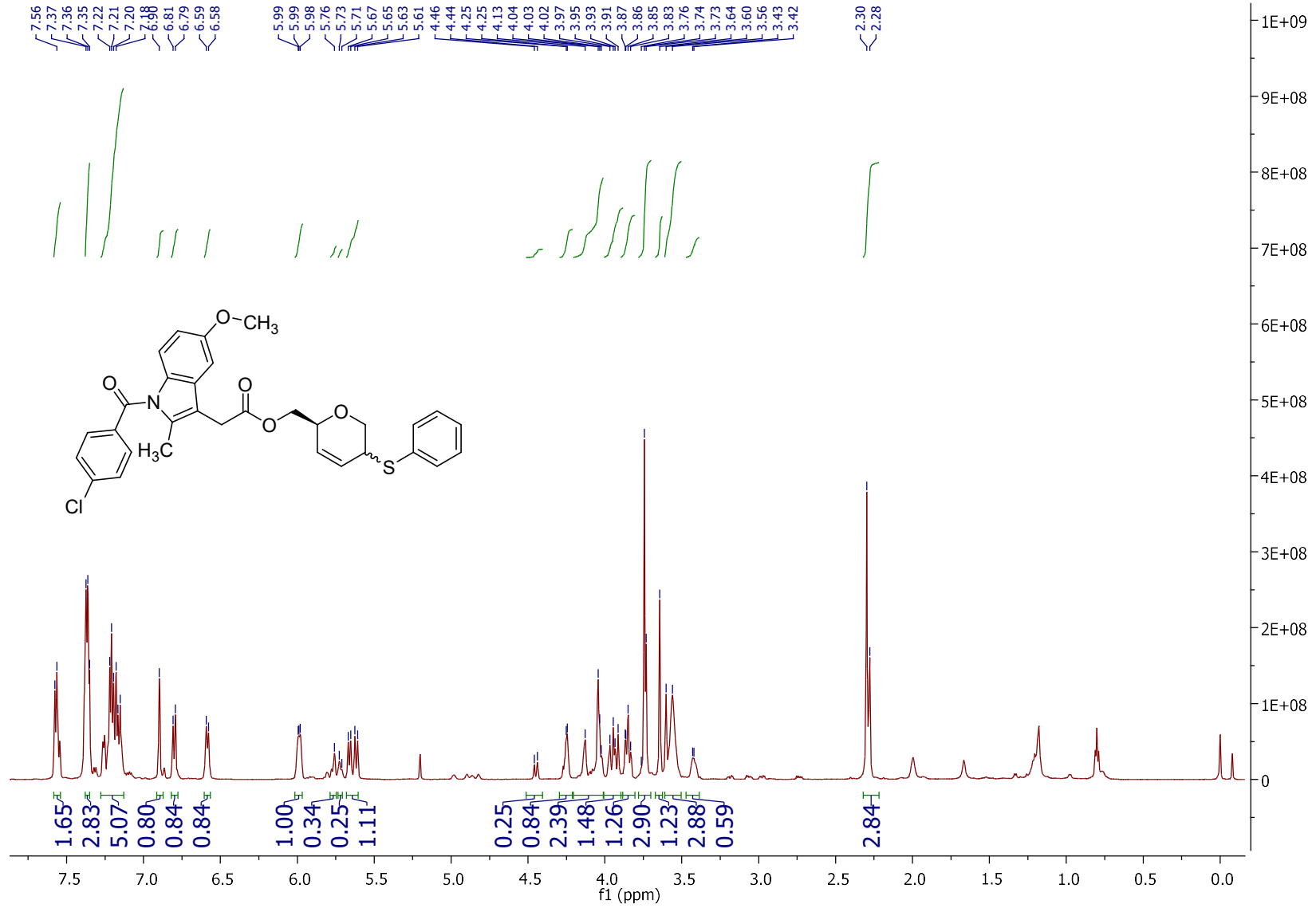




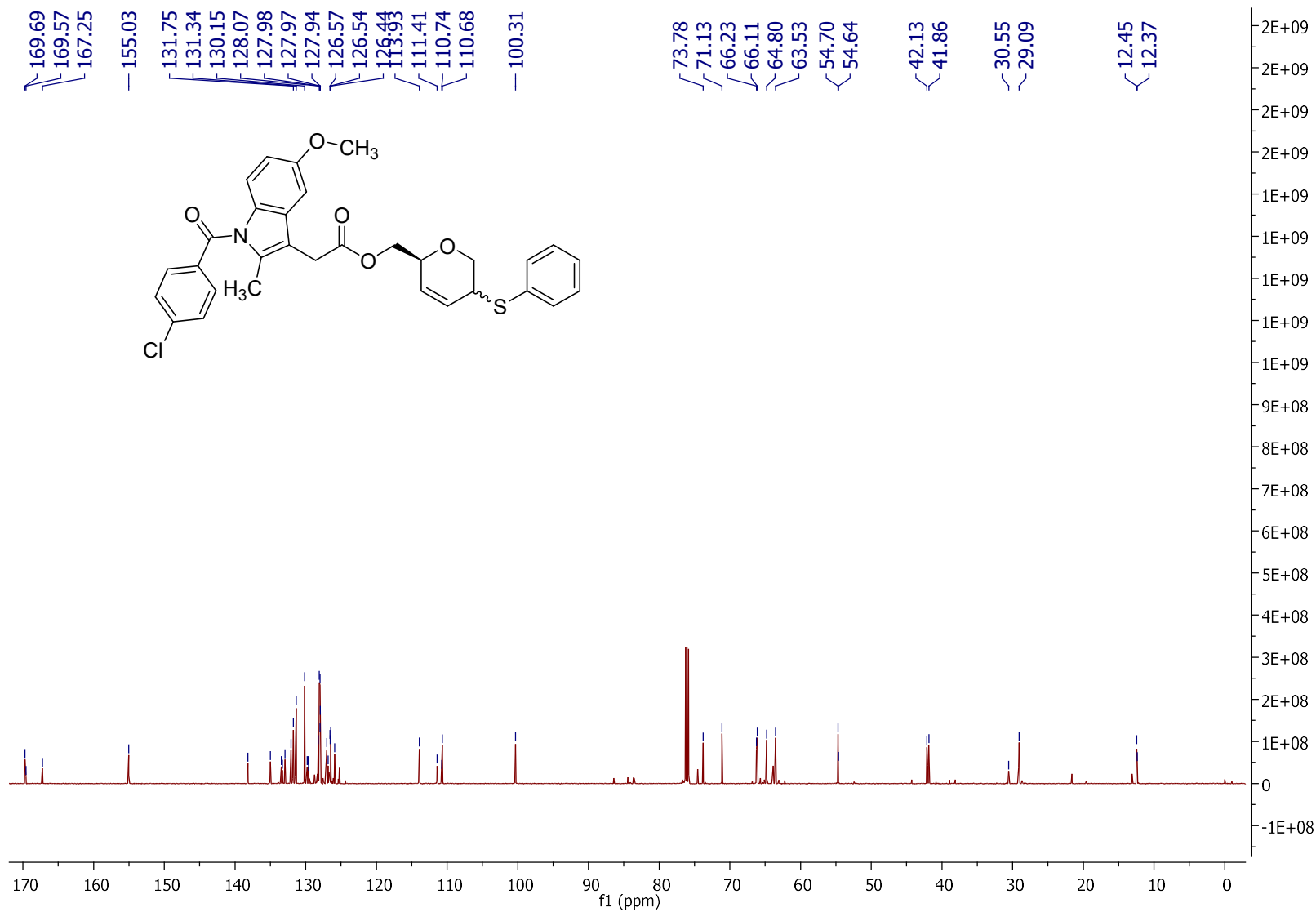
**<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound **6a****



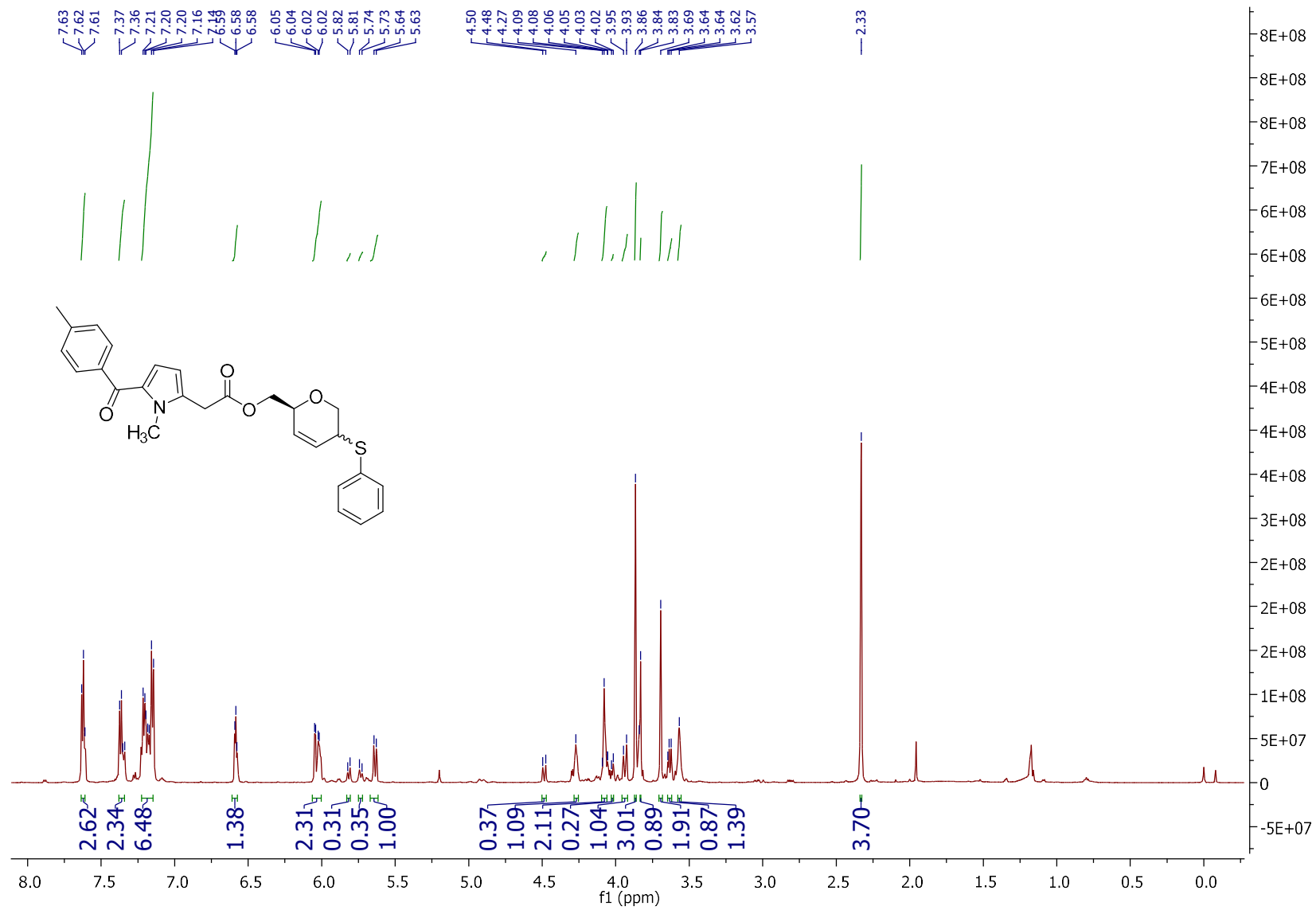
<sup>13</sup>C NMR (151 MHz, CDCl<sub>3</sub>) of compound **6a**



**<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound 6b**



<sup>13</sup>C NMR (151 MHz, CDCl<sub>3</sub>) of compound **6b**



<sup>1</sup>H NMR (600 MHz, CDCl<sub>3</sub>) of compound 6c

