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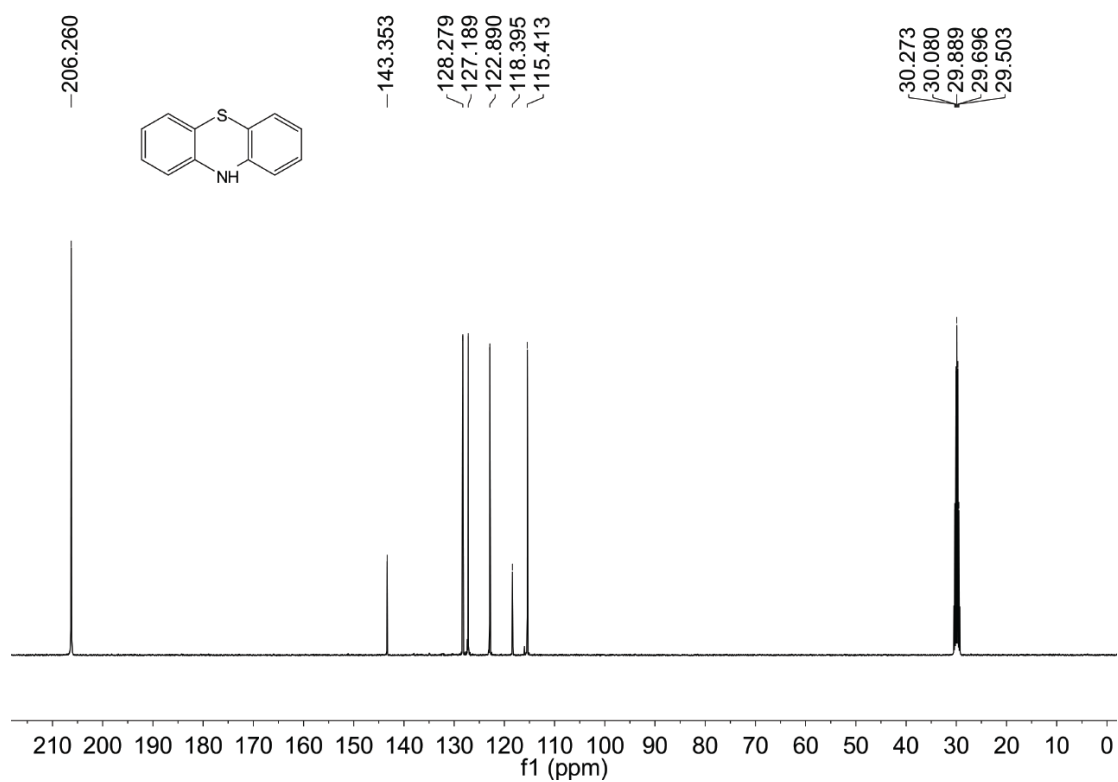
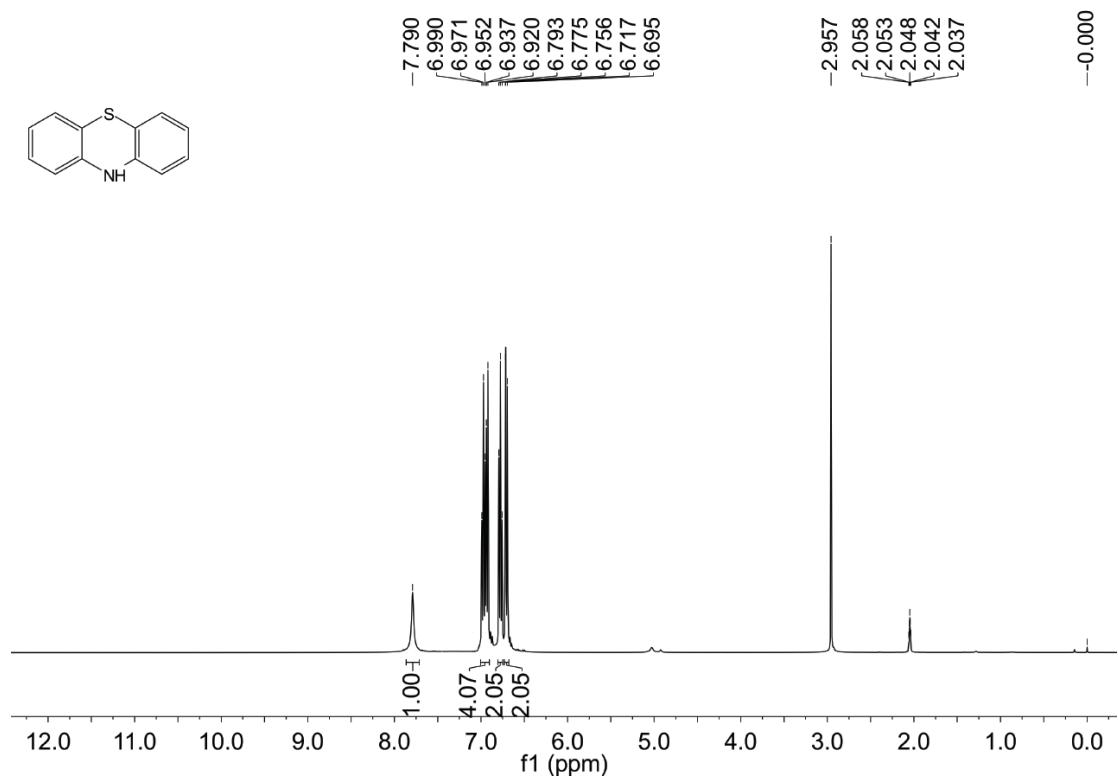
### **Recyclable copper(I)-catalyzed cascade C–S and C–N bond formation between 2-iodoanilines and 2-bromobenzenethiols towards functionalized phenothiazines**

Yan Wang, Chengkai Luo, Li Wei,\* Mingzhong Cai\*

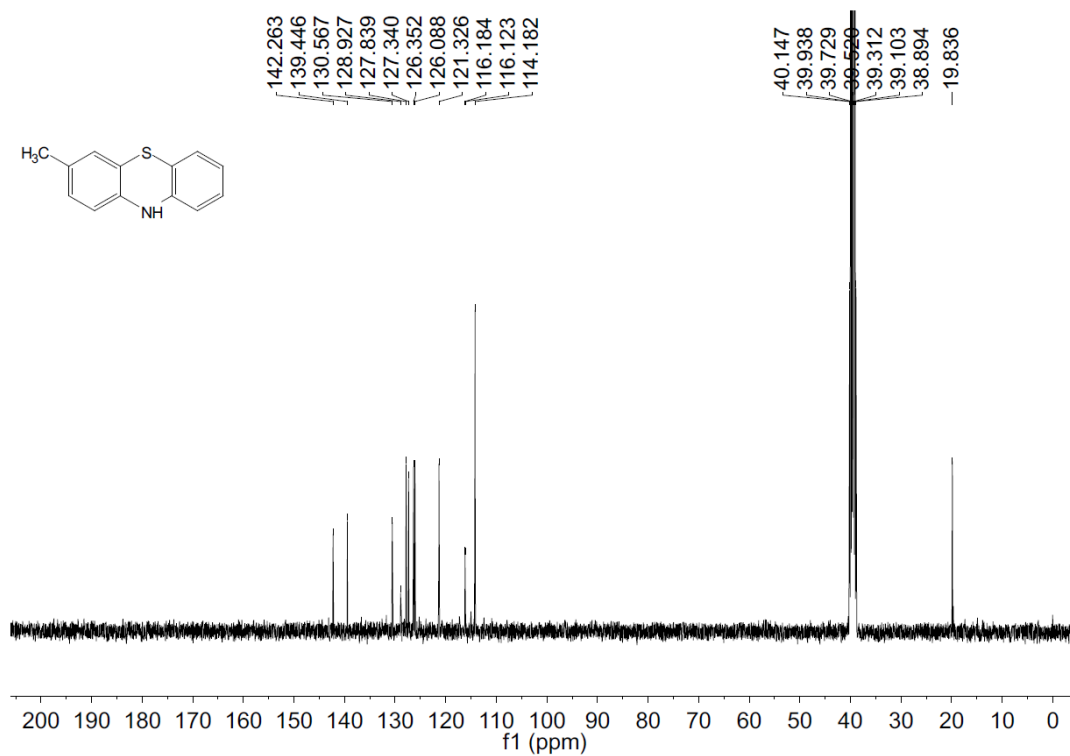
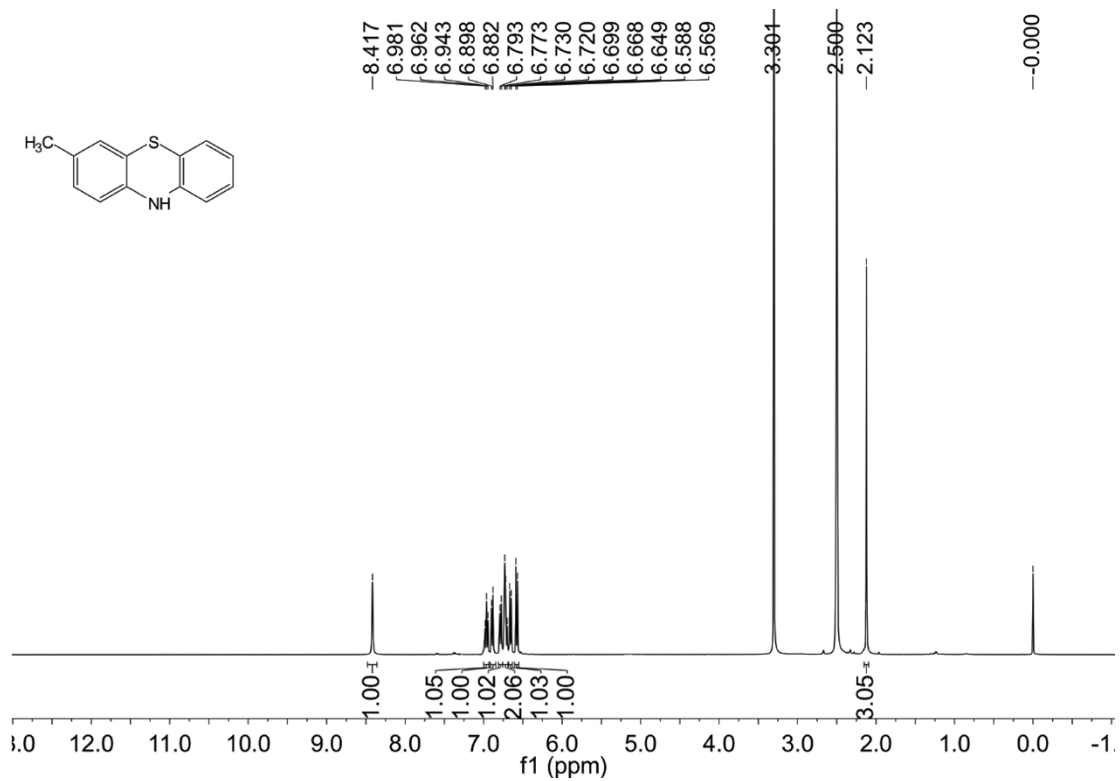
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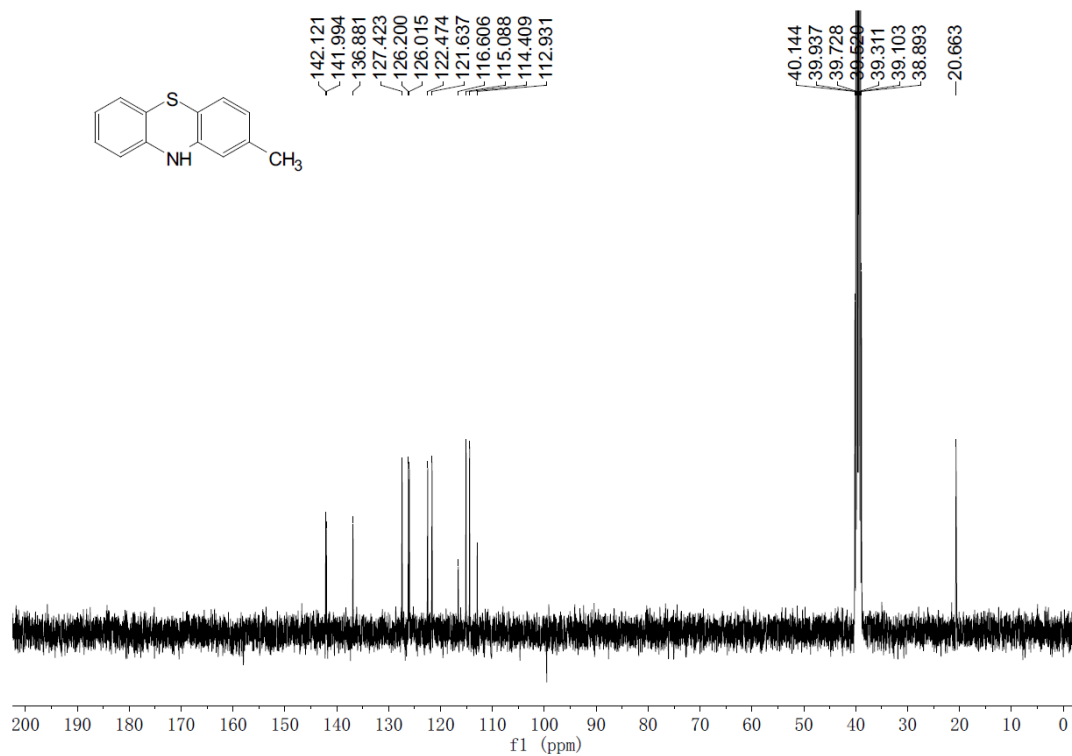
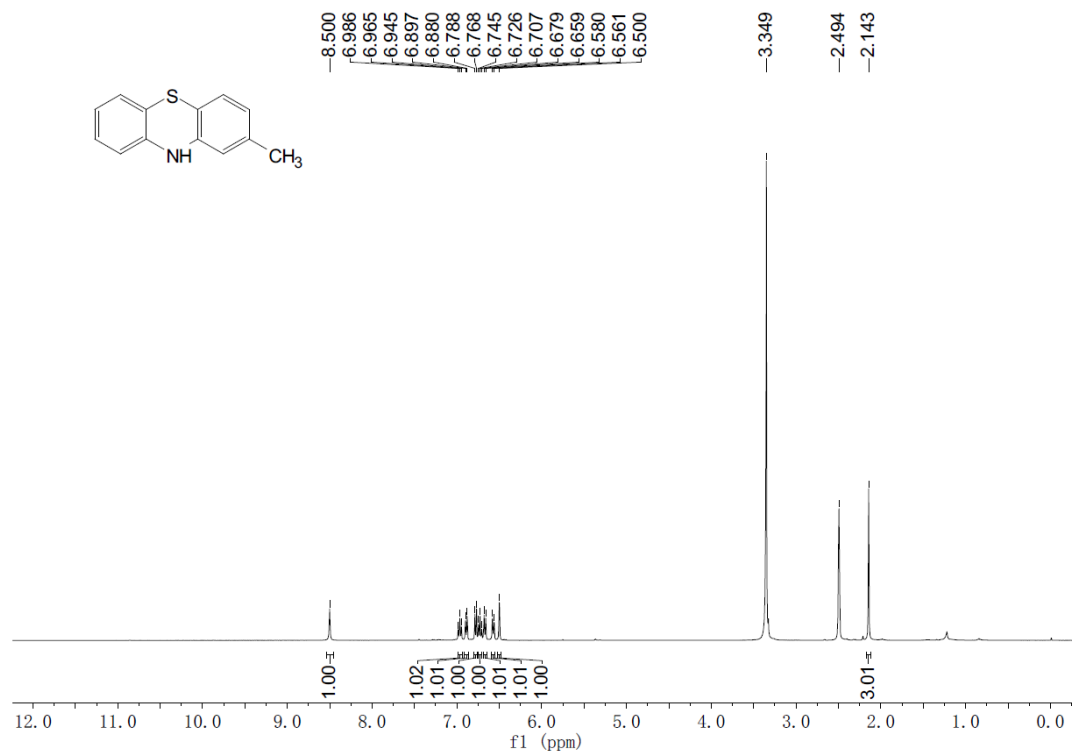
**Copies of NMR Spectra of Compounds 3a-3y**



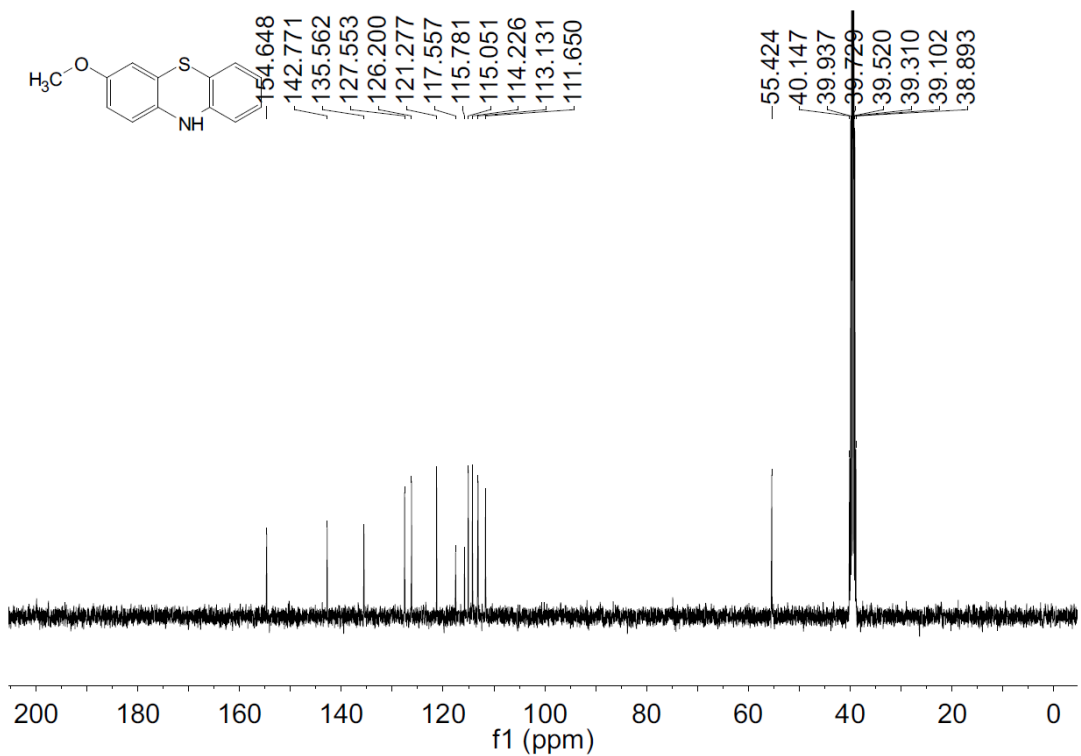
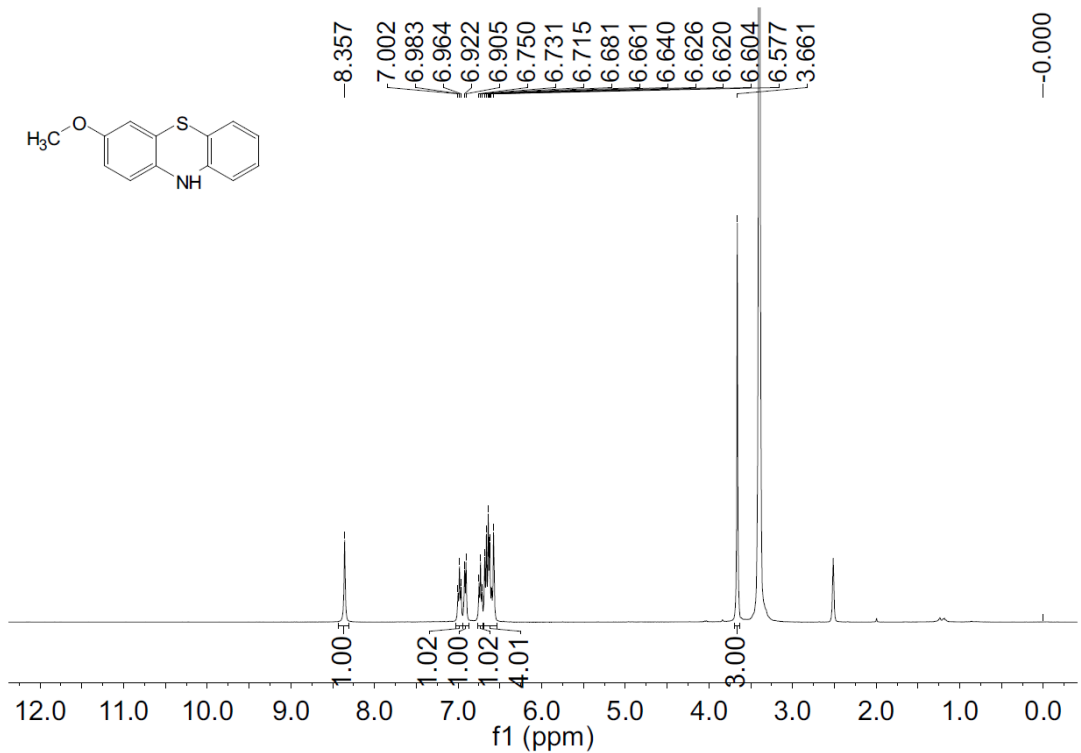
<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound **3a**



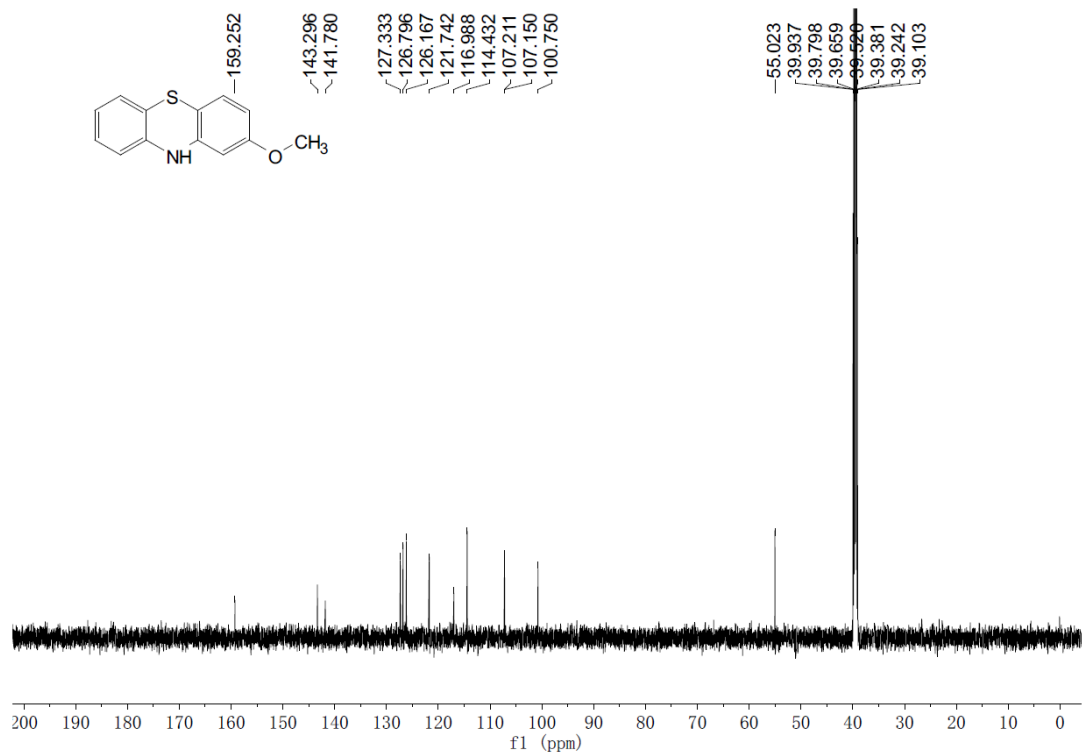
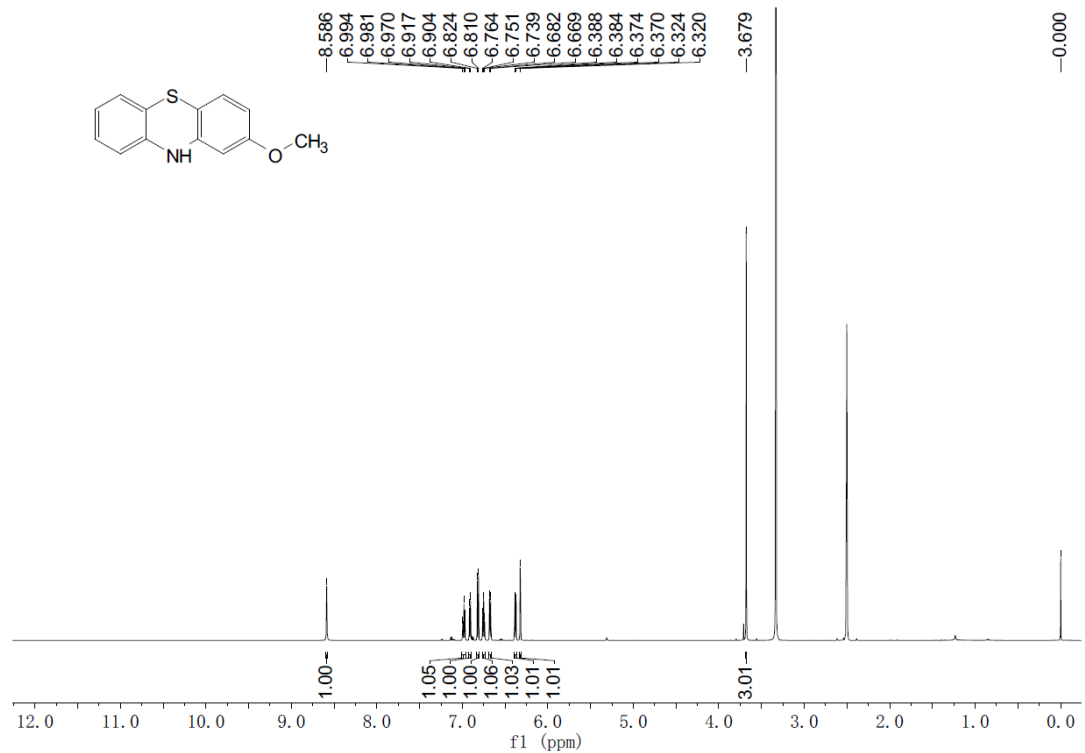
<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound **3b**



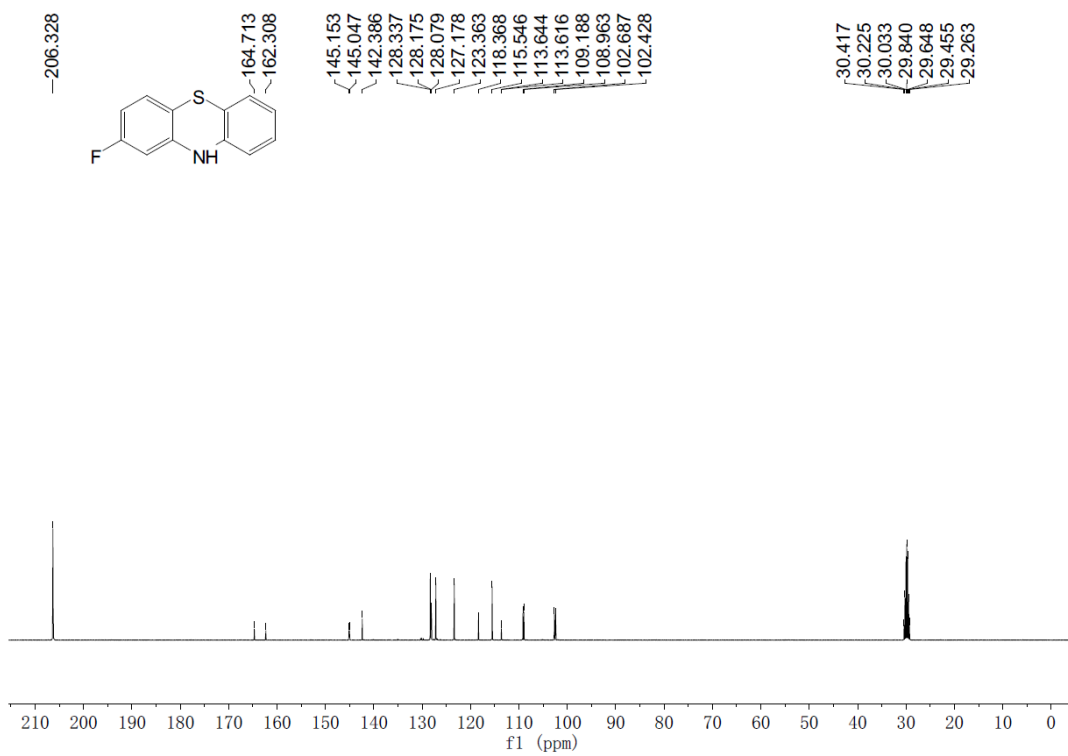
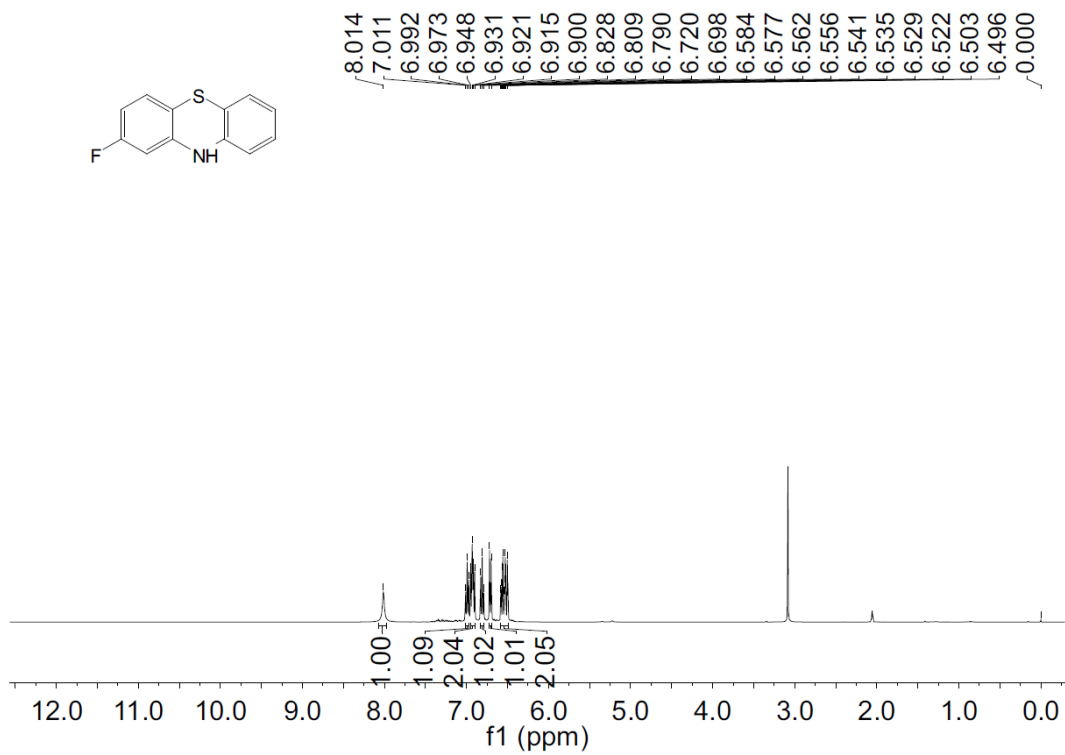
<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound **3c**



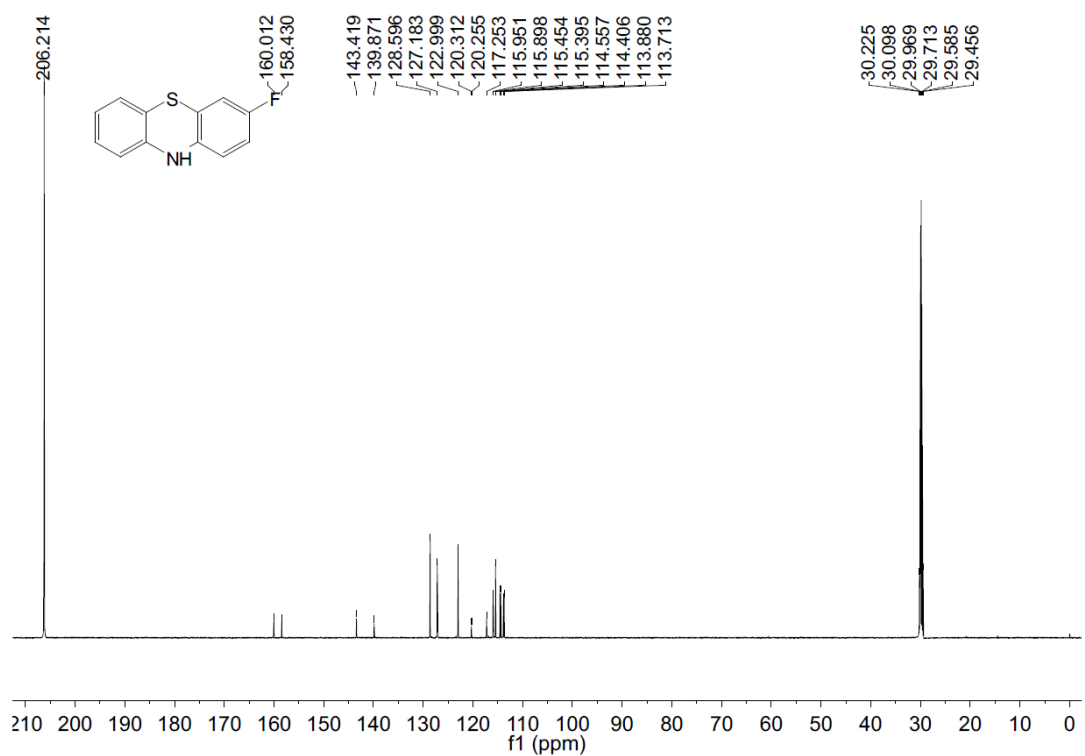
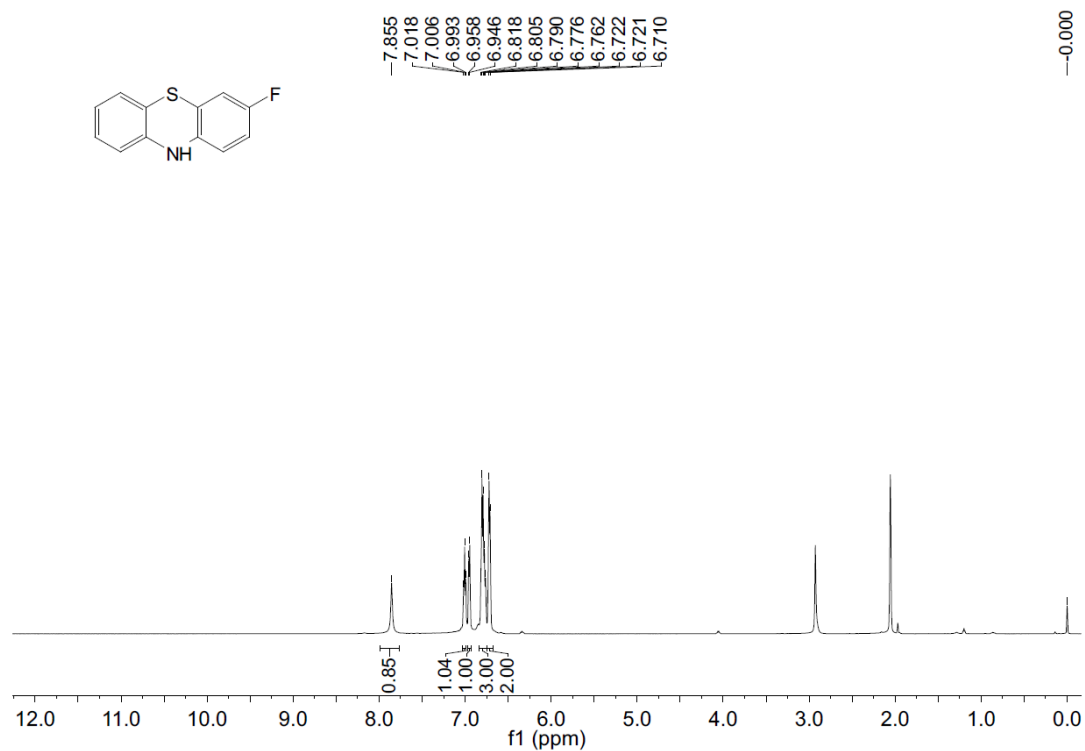
$^1\text{H NMR}$  and  $^{13}\text{C NMR}$  of Compound **3d**



<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound **3e**

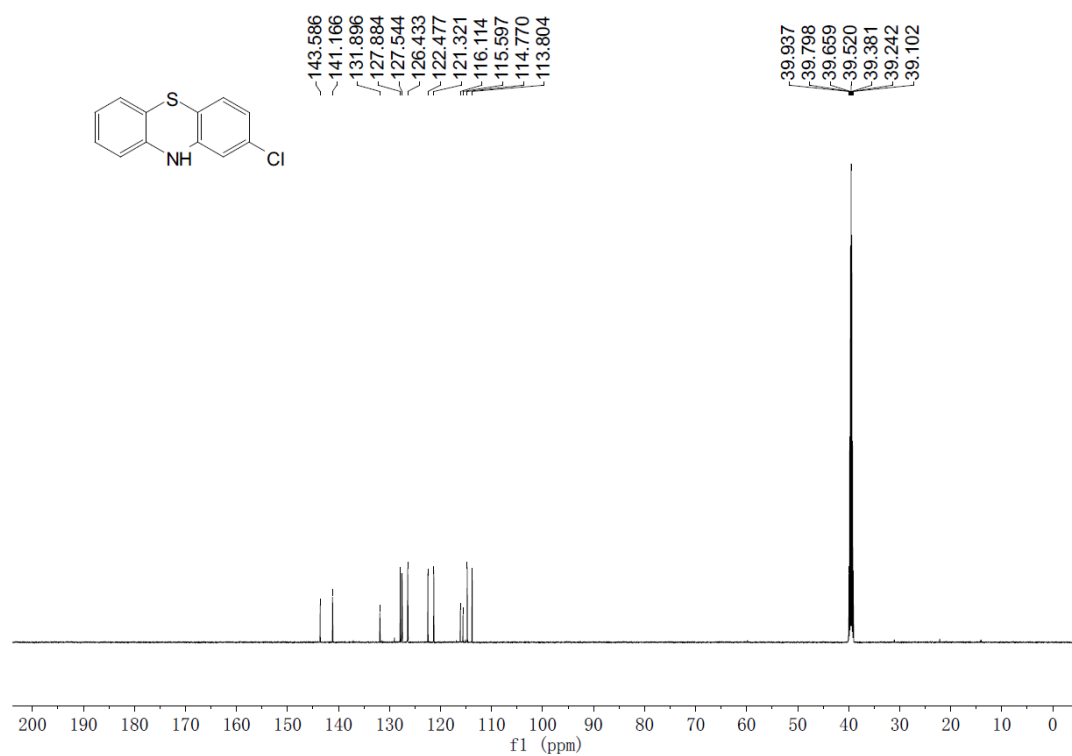
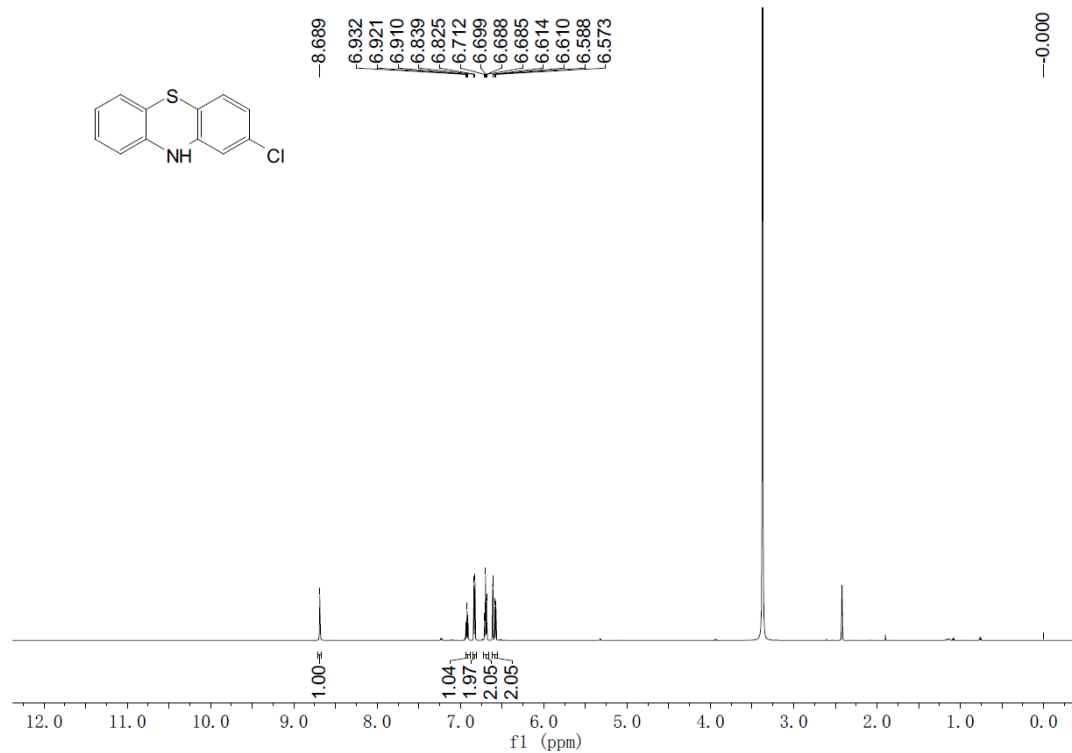


<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound **3f**

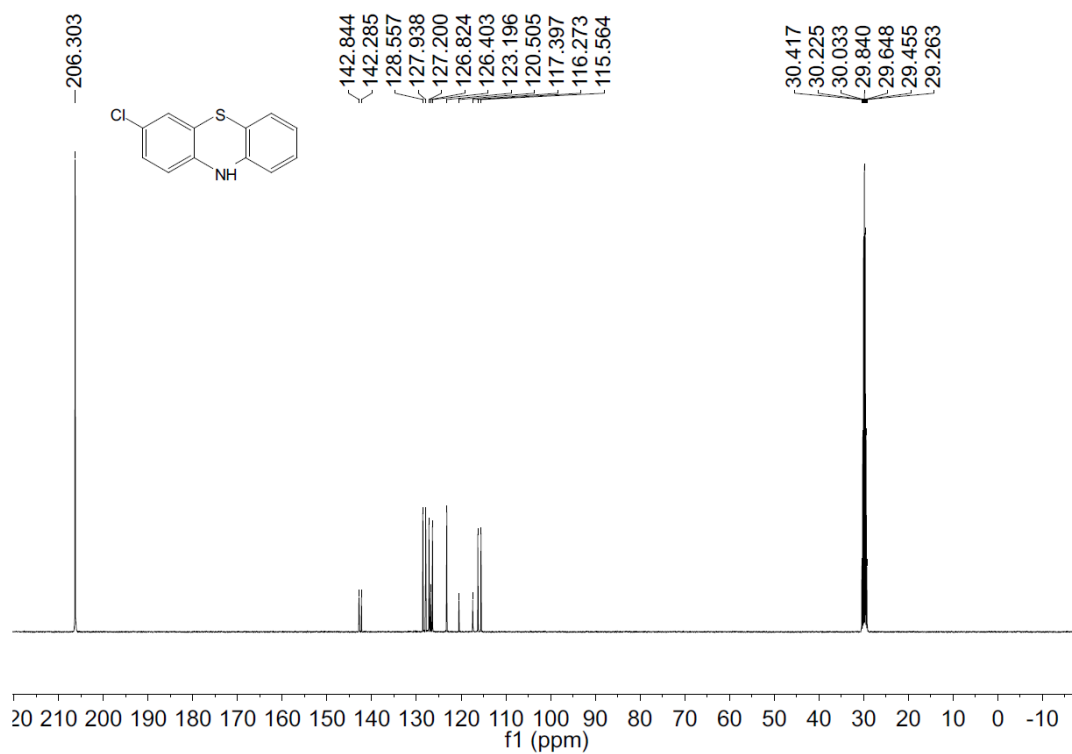
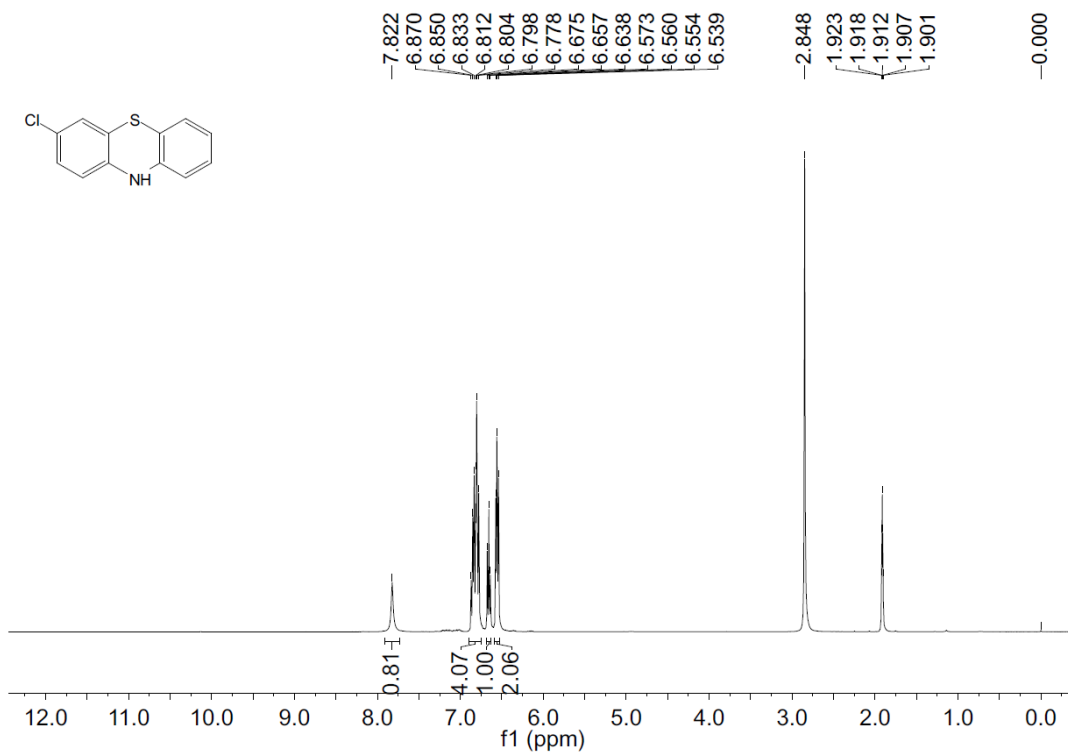


$^1\text{H}$  NMR and  $^{13}\text{C}$  NMR of Compound **3g**

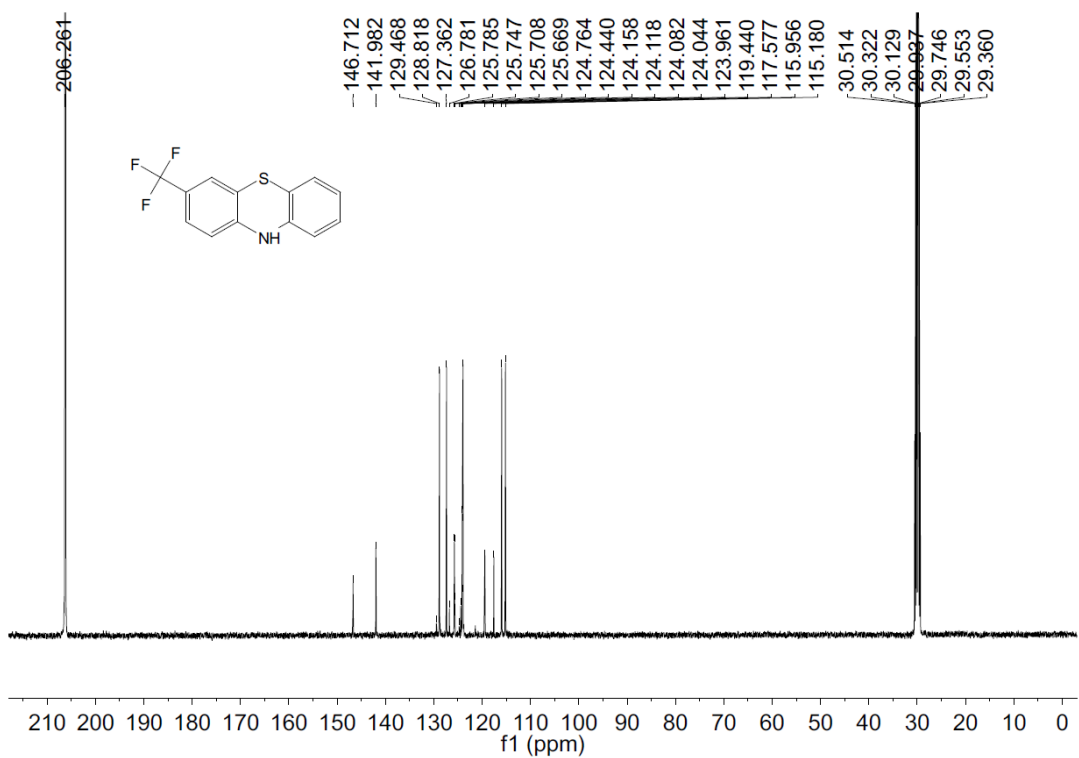
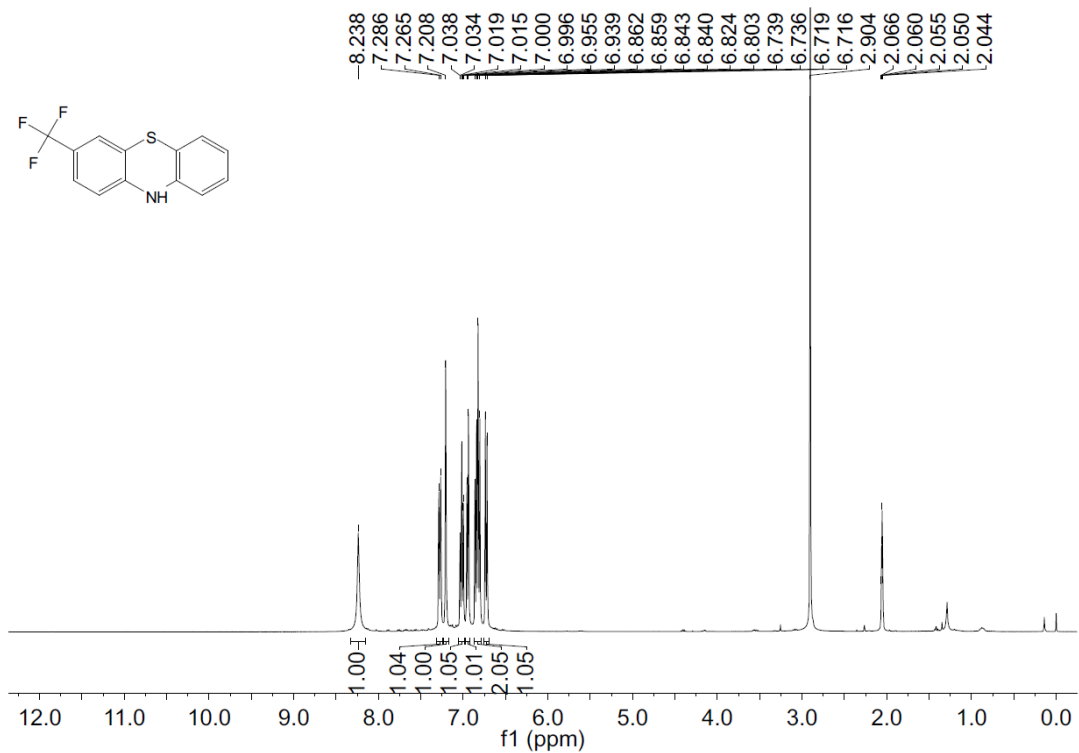




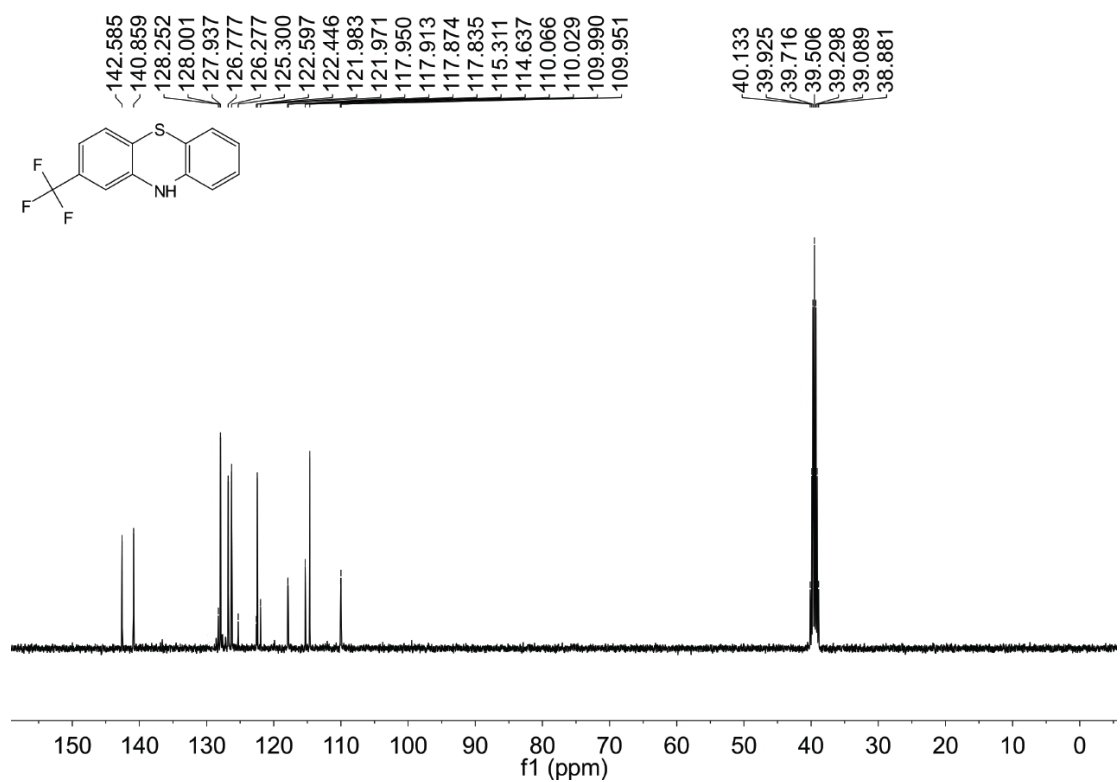
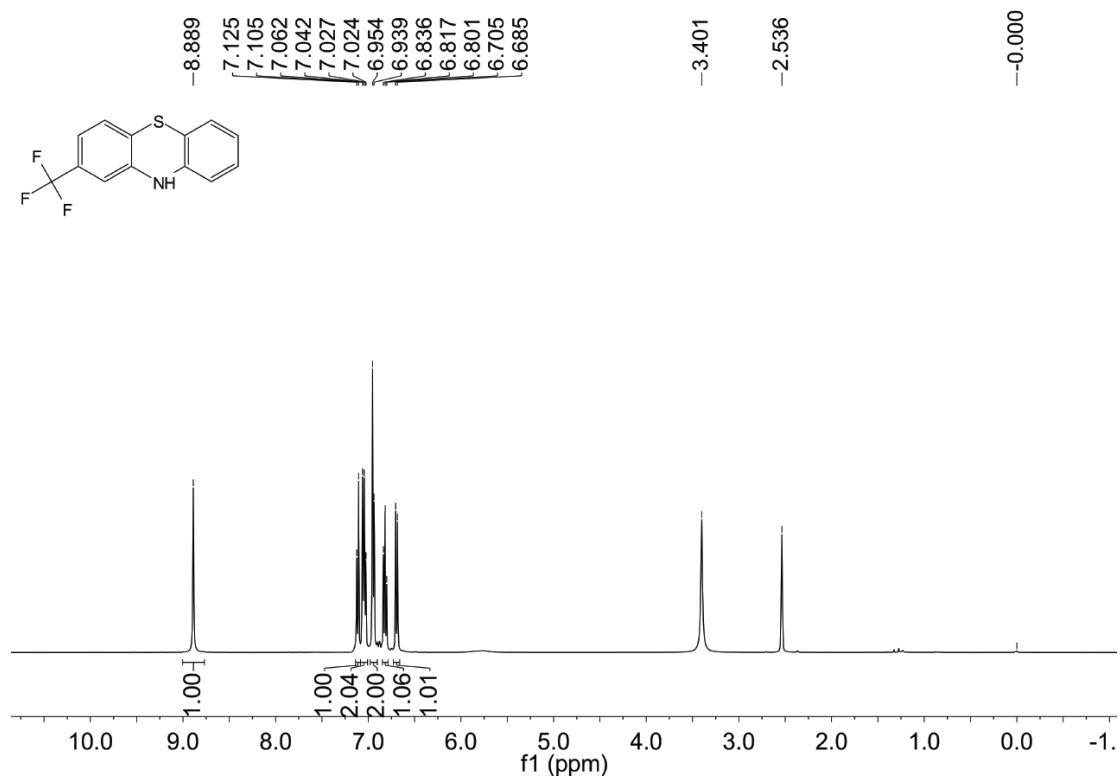
$^1\text{H}$  NMR and  $^{13}\text{C}$  NMR of Compound **3h**



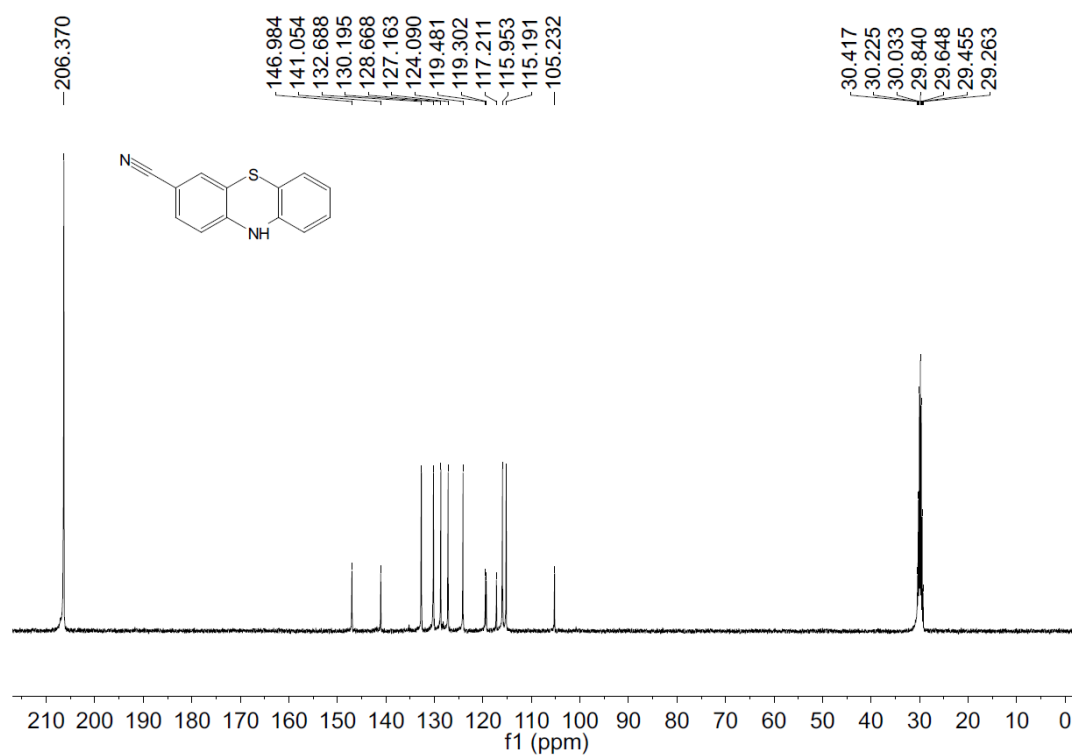
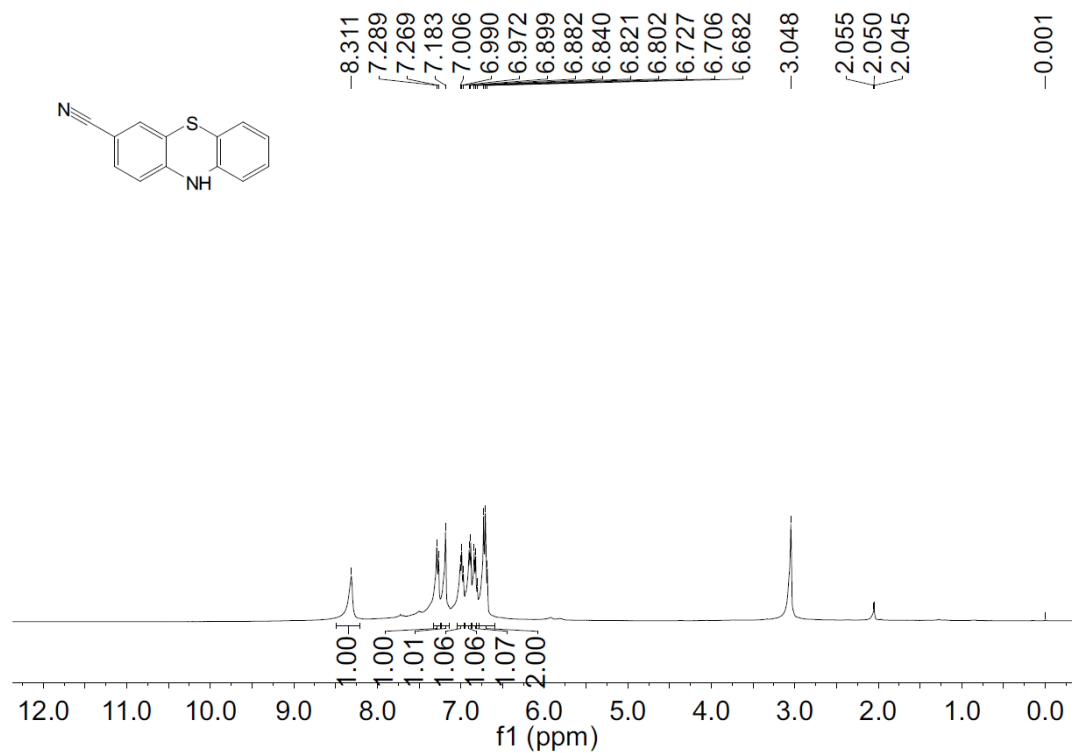
<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound **3i**



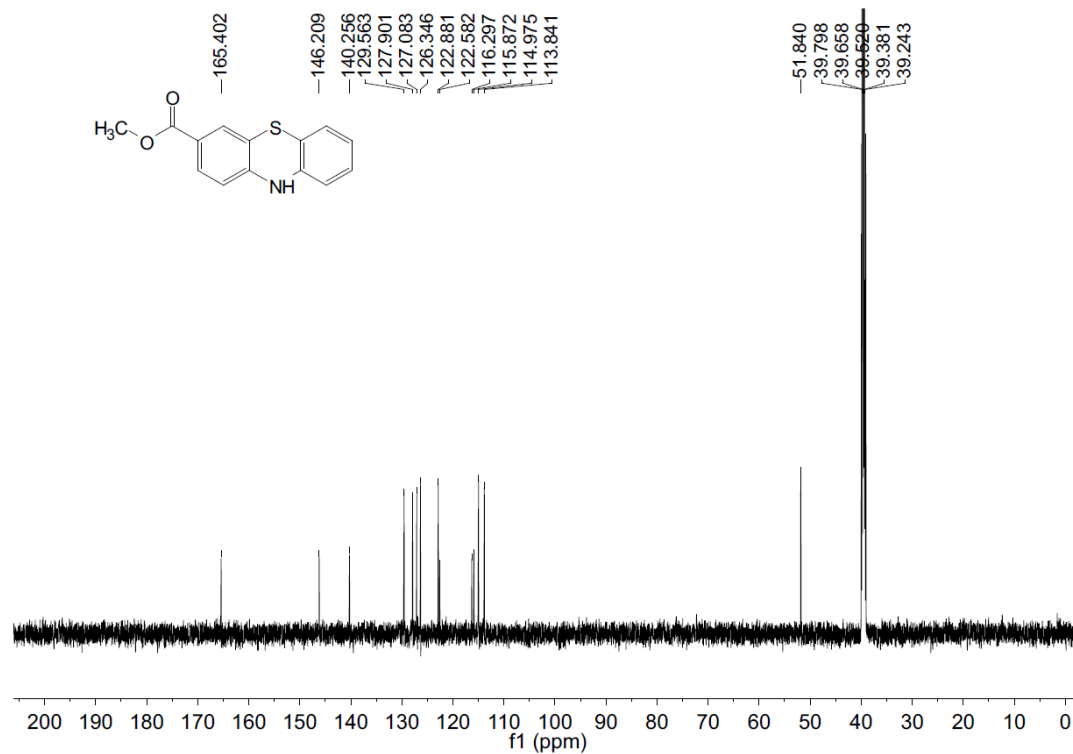
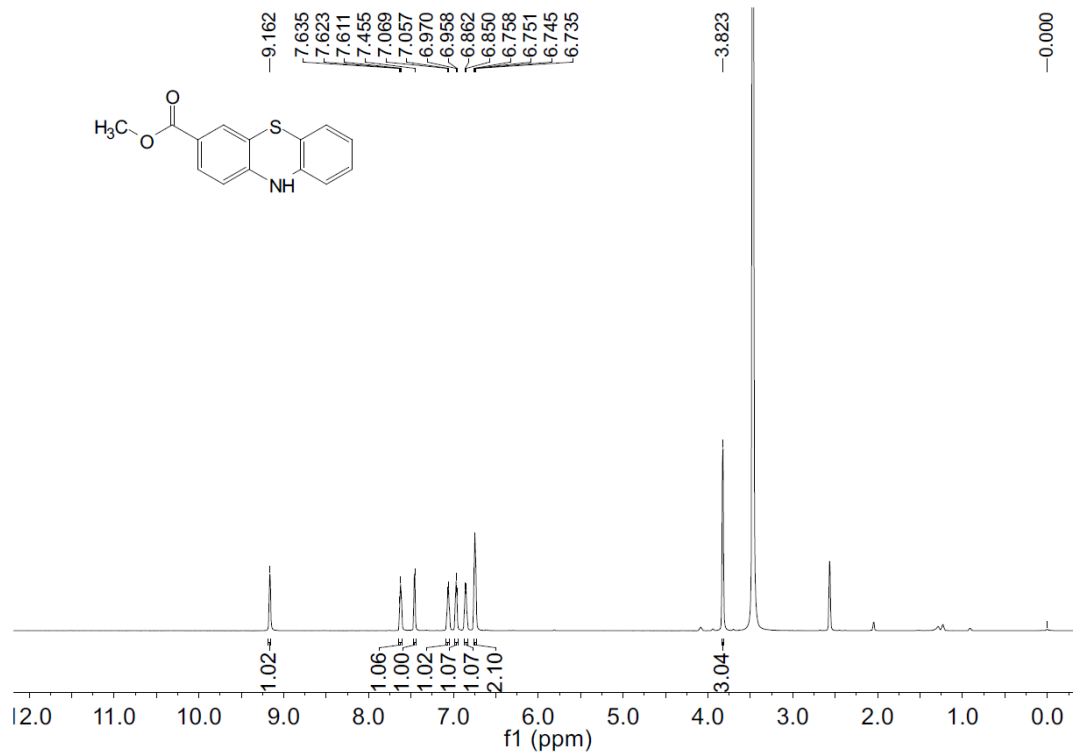
$^1\text{H}$  NMR and  $^{13}\text{C}$  NMR of Compound **3j**



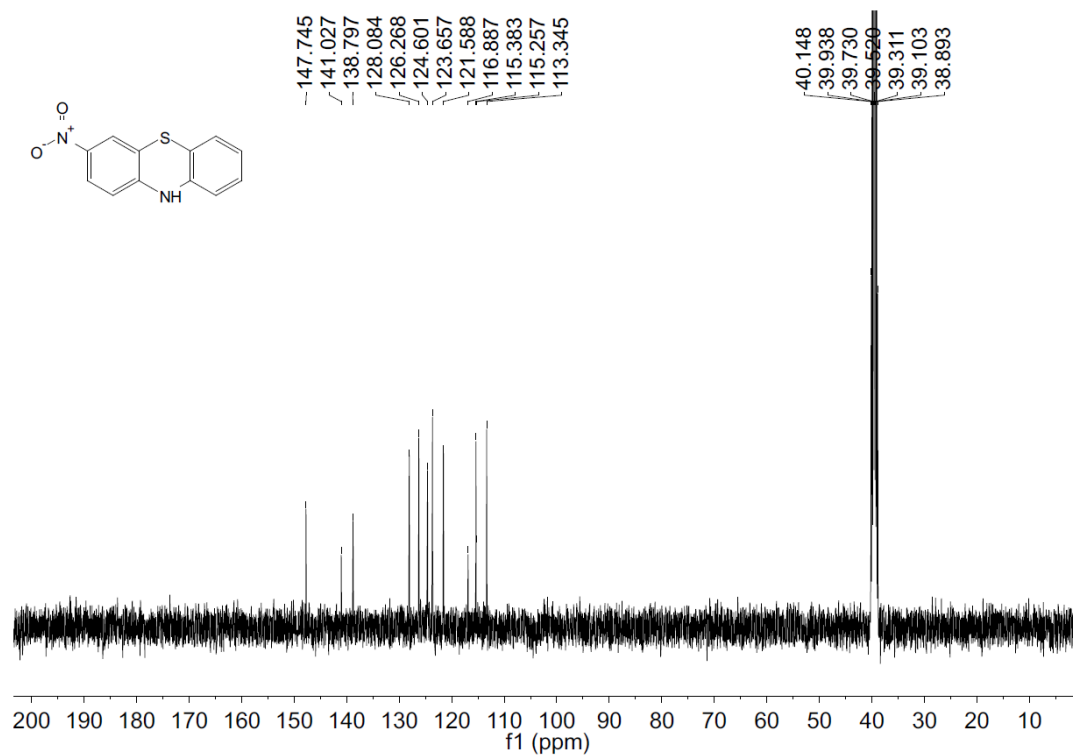
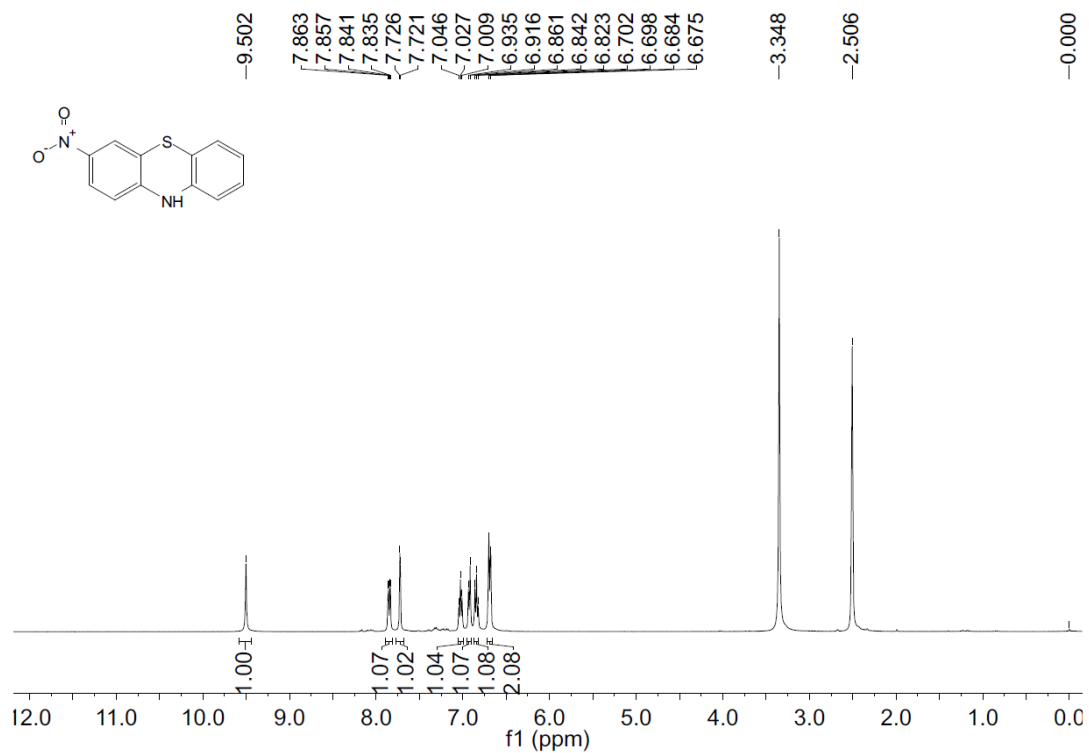
<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound **3k**



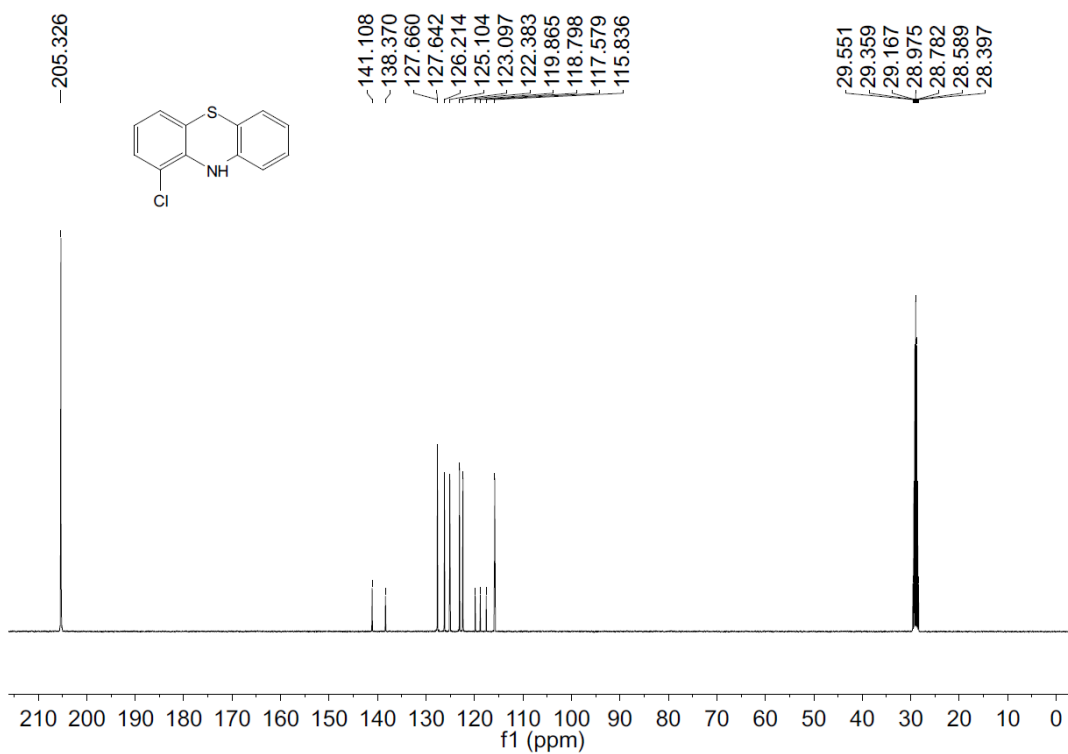
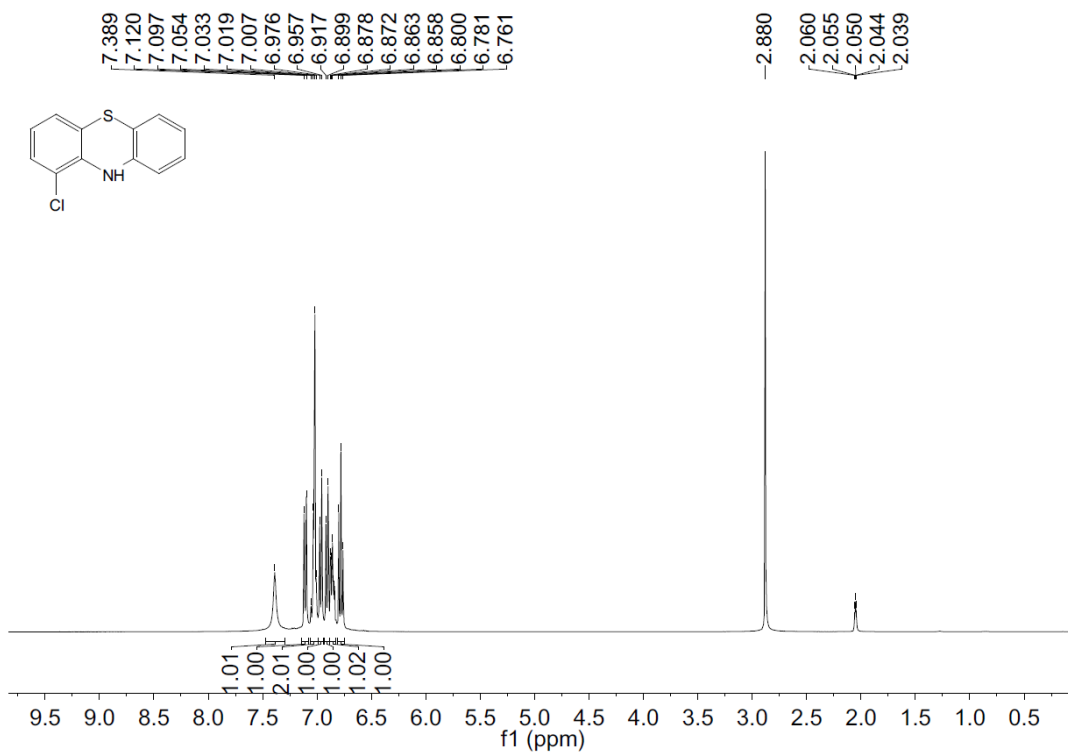
<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound **3I**



<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound **3m**

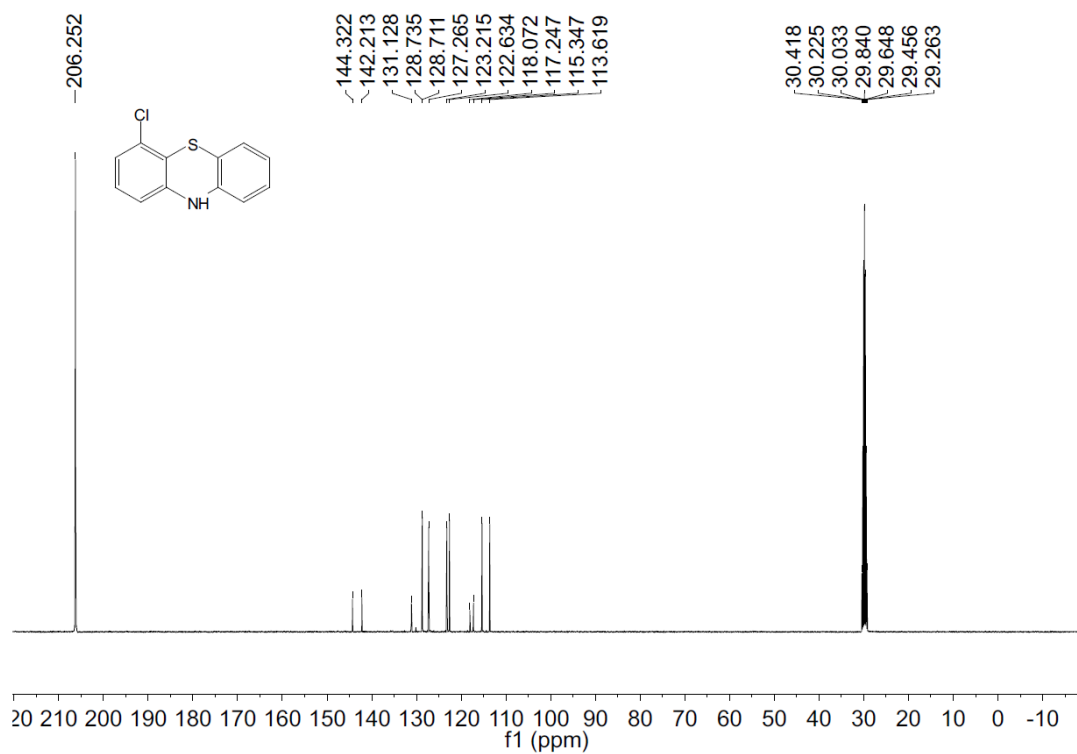
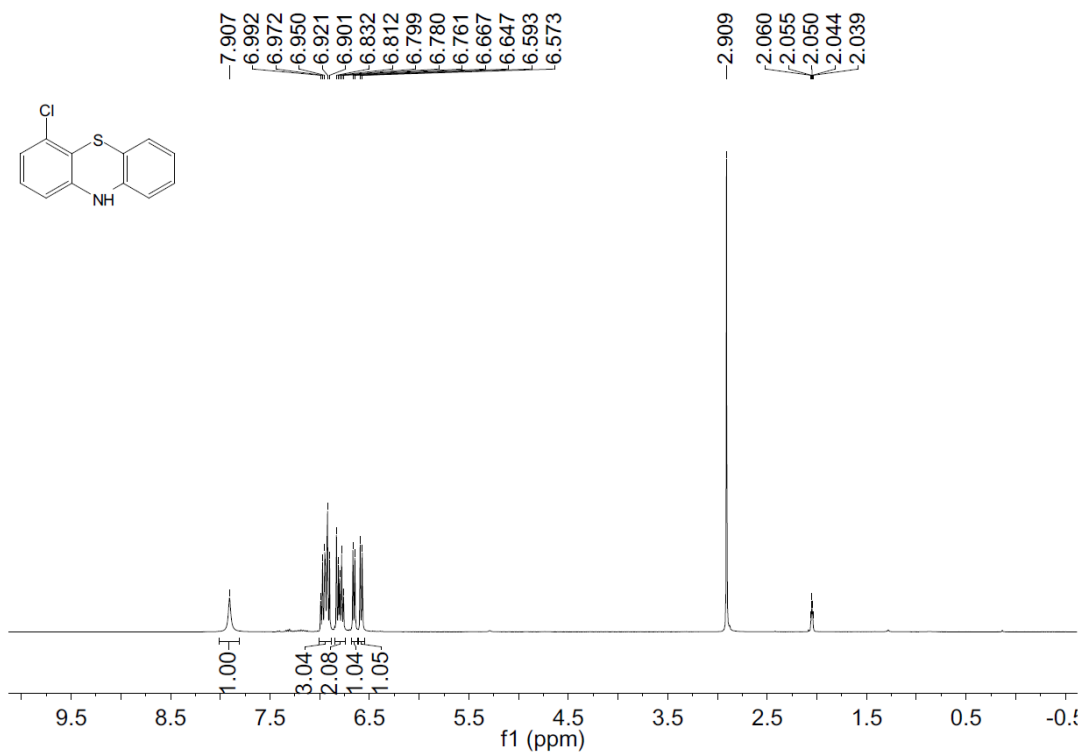


<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound **3n**

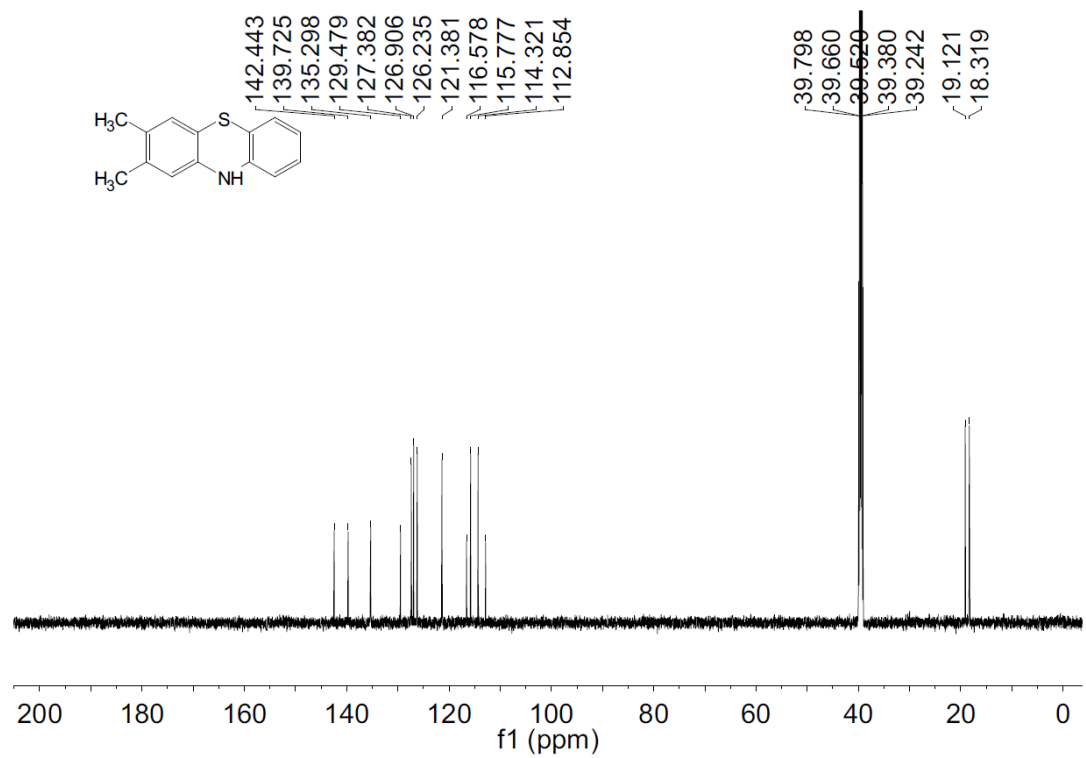
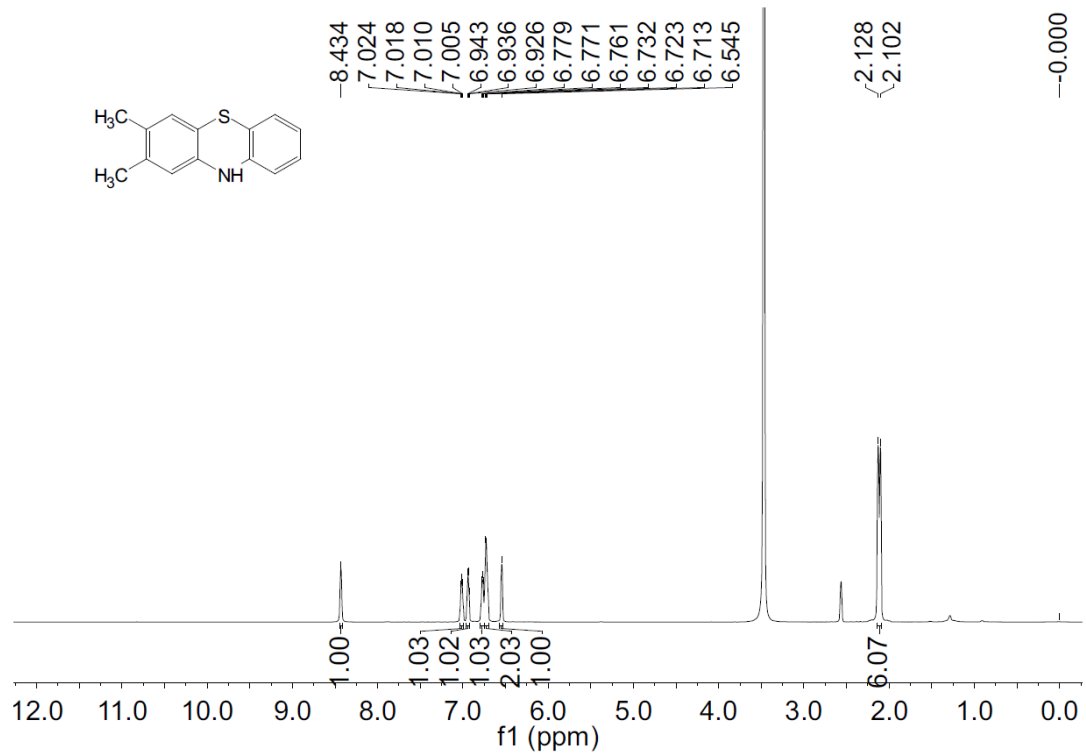


**<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound 30**

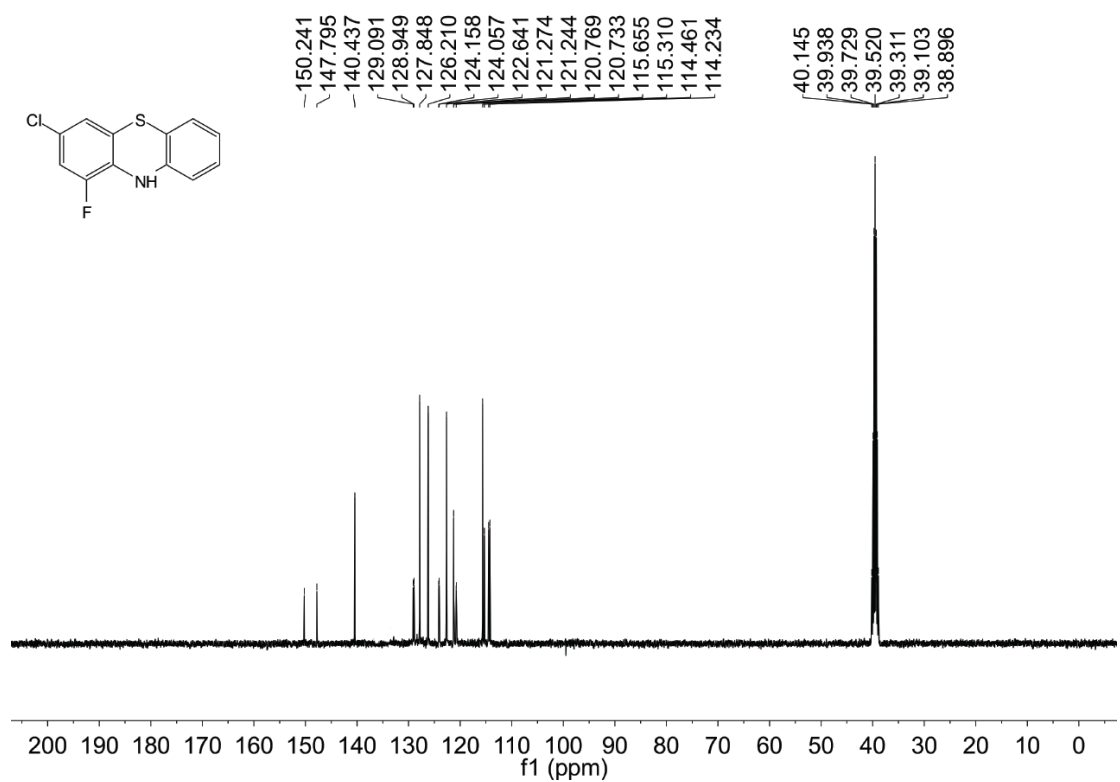
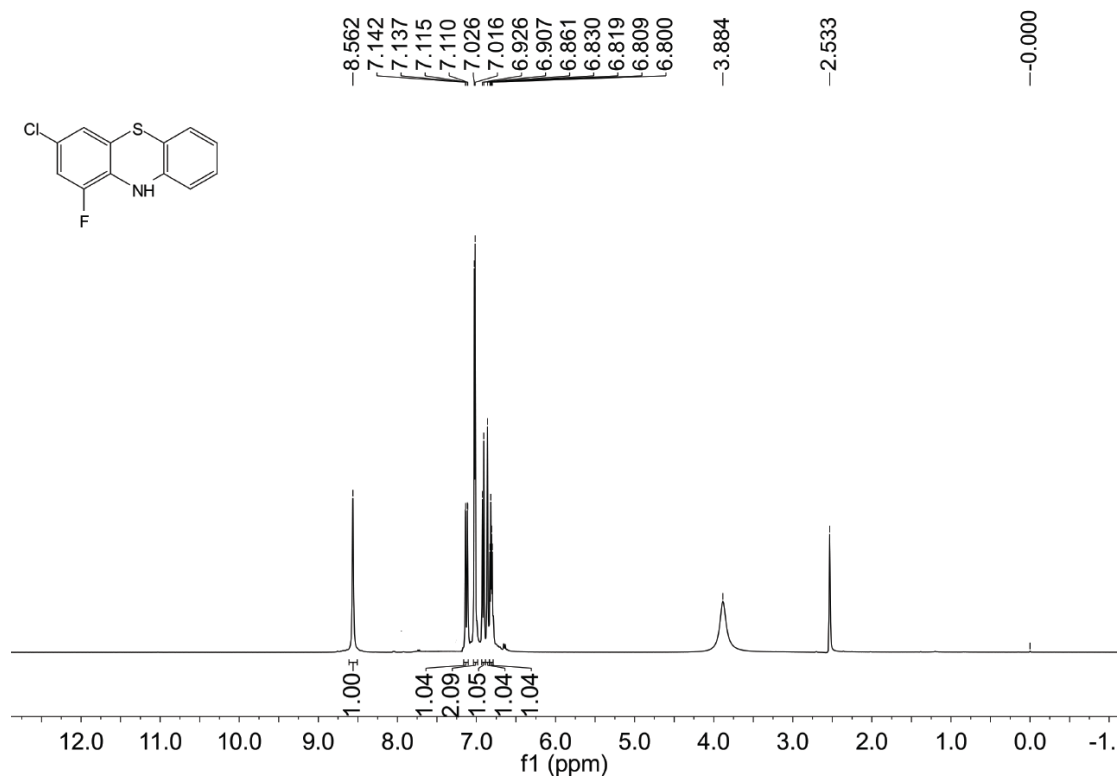




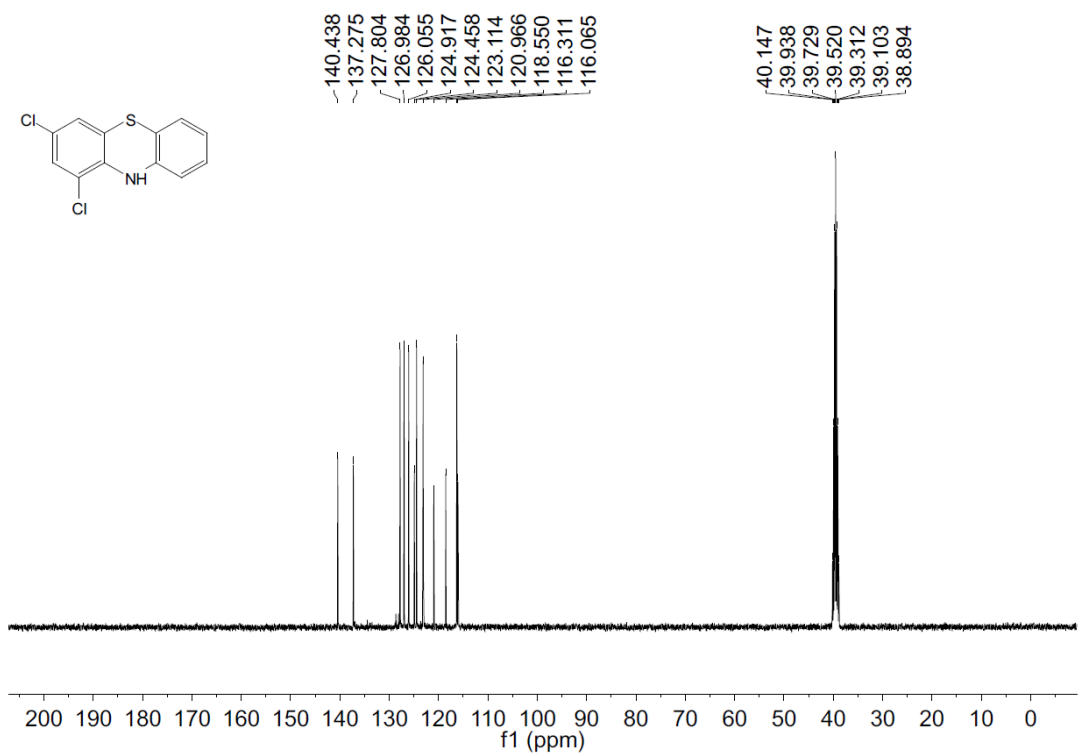
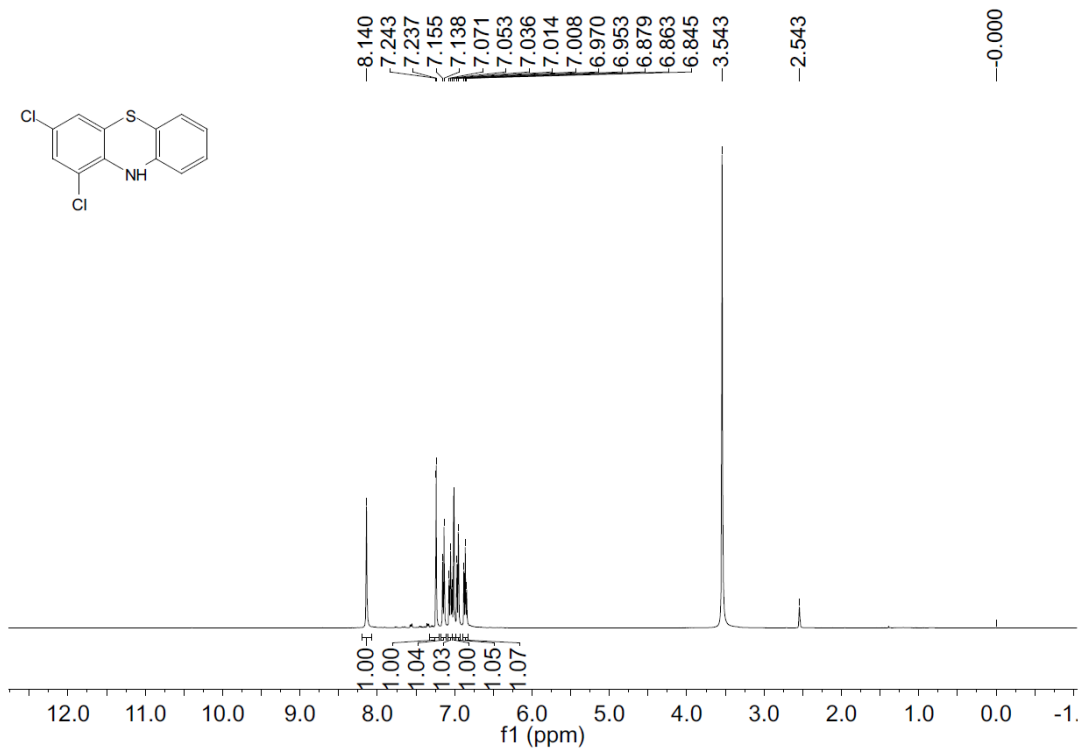
**<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound 3p**



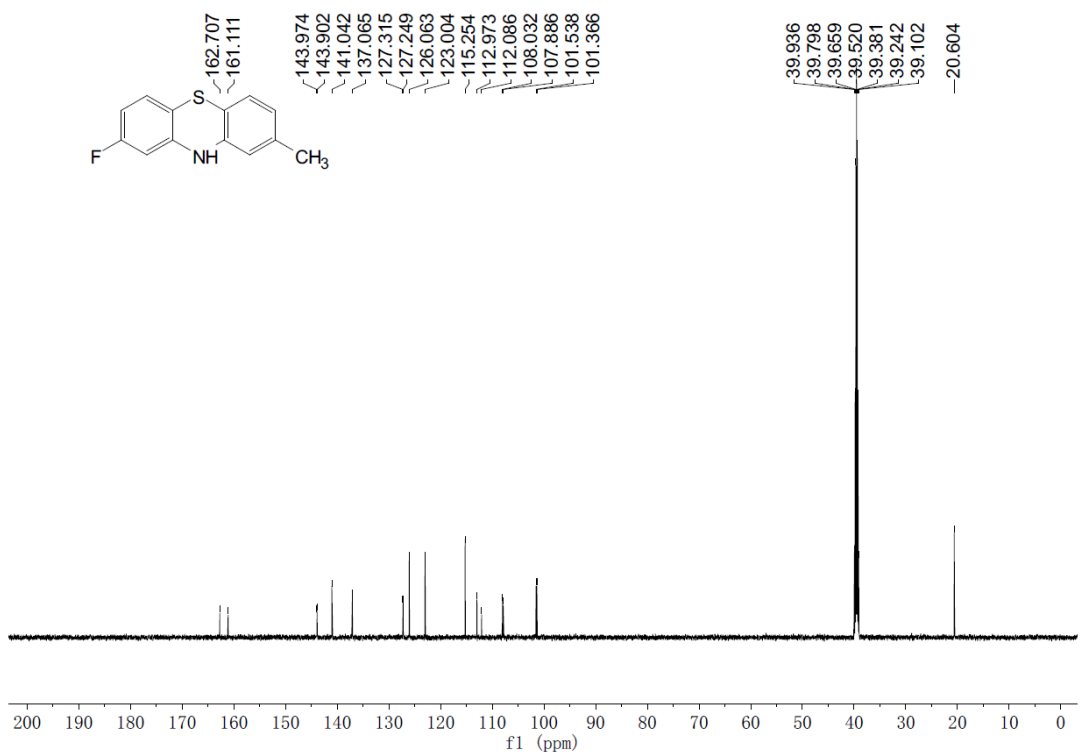
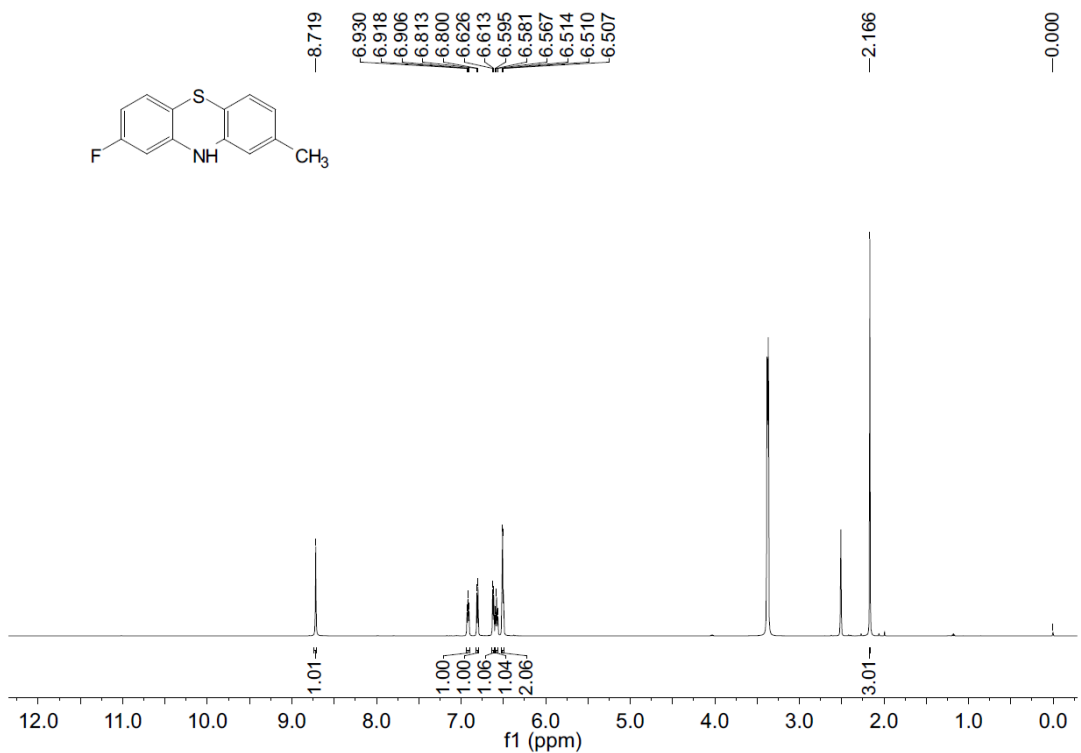
$^1\text{H NMR}$  and  $^{13}\text{C NMR}$  of Compound **3q**



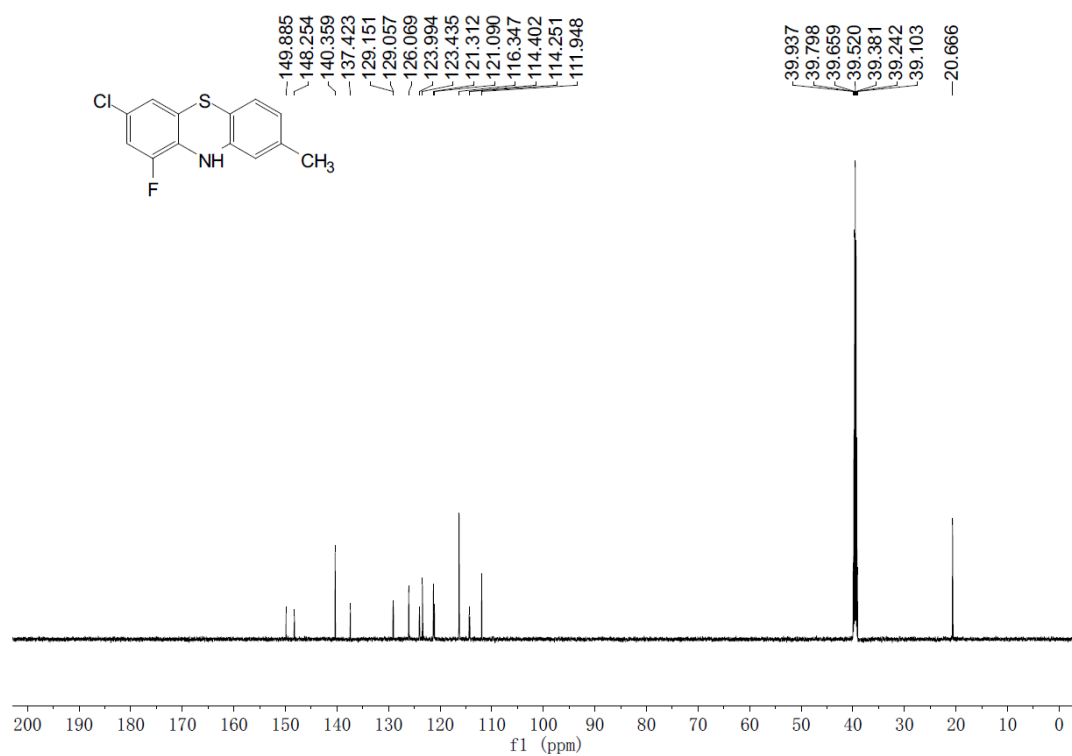
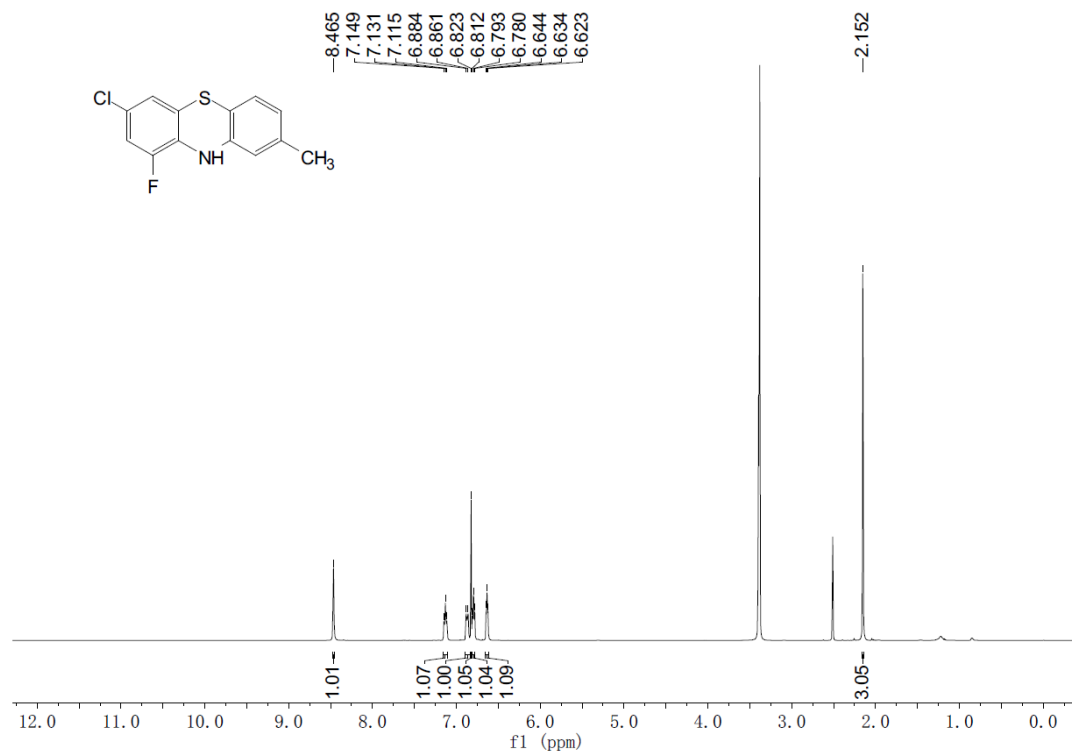
<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound 3r



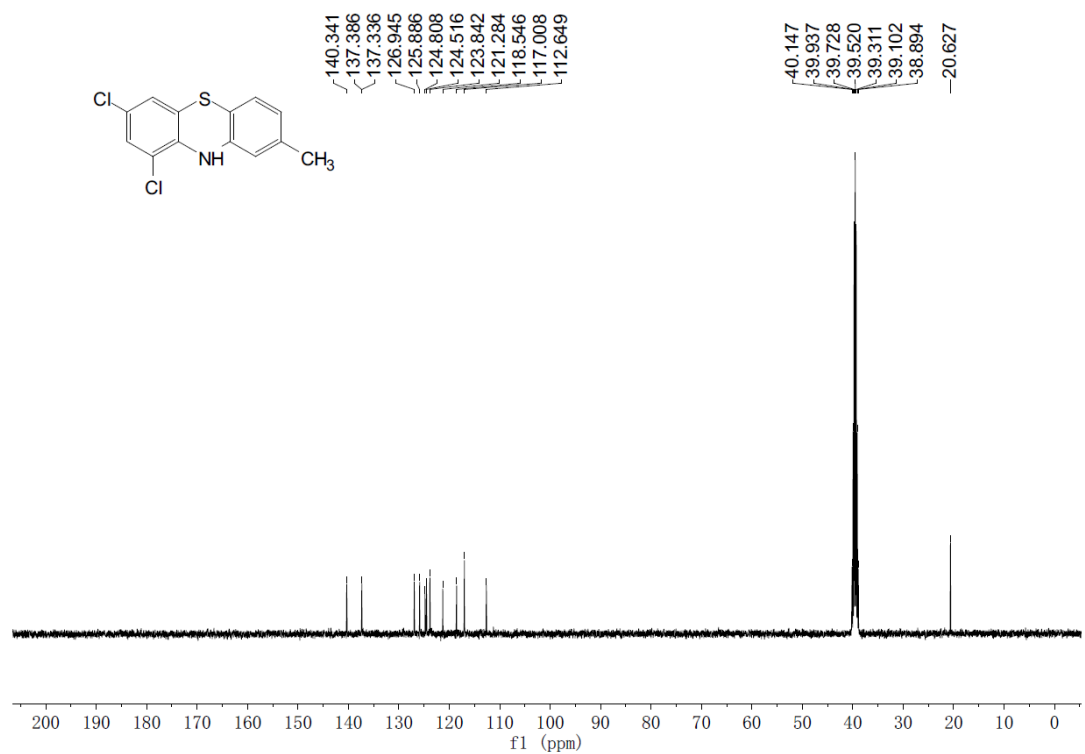
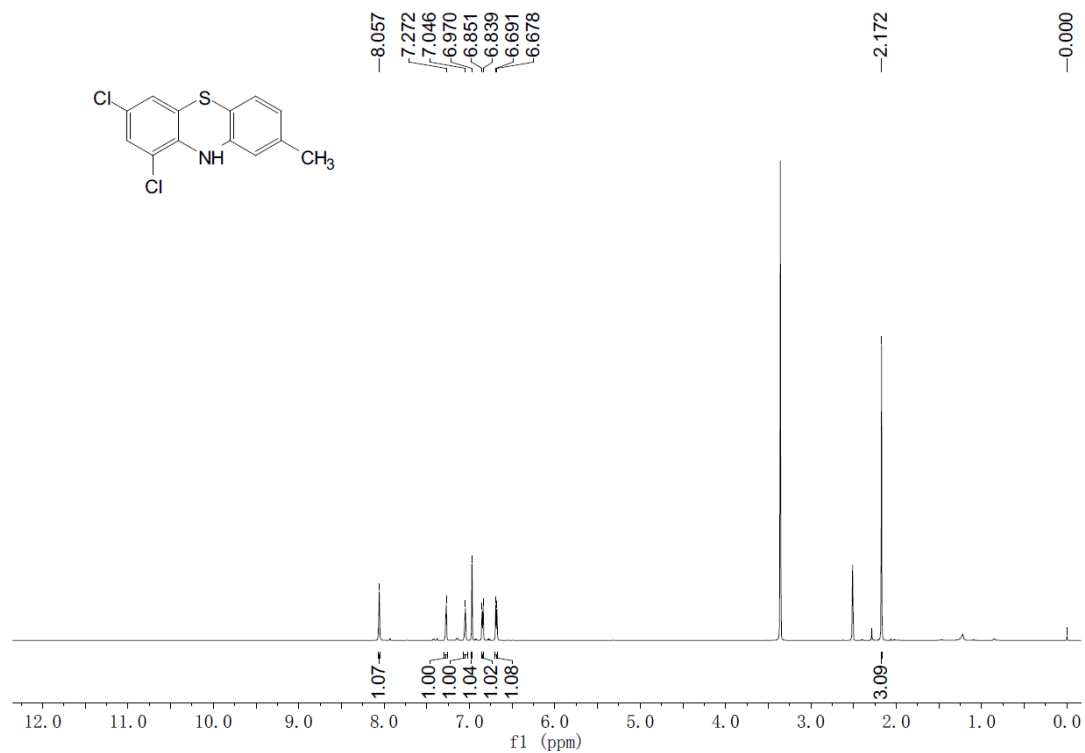
$^1\text{H}$  NMR and  $^{13}\text{C}$  NMR of Compound **3s**



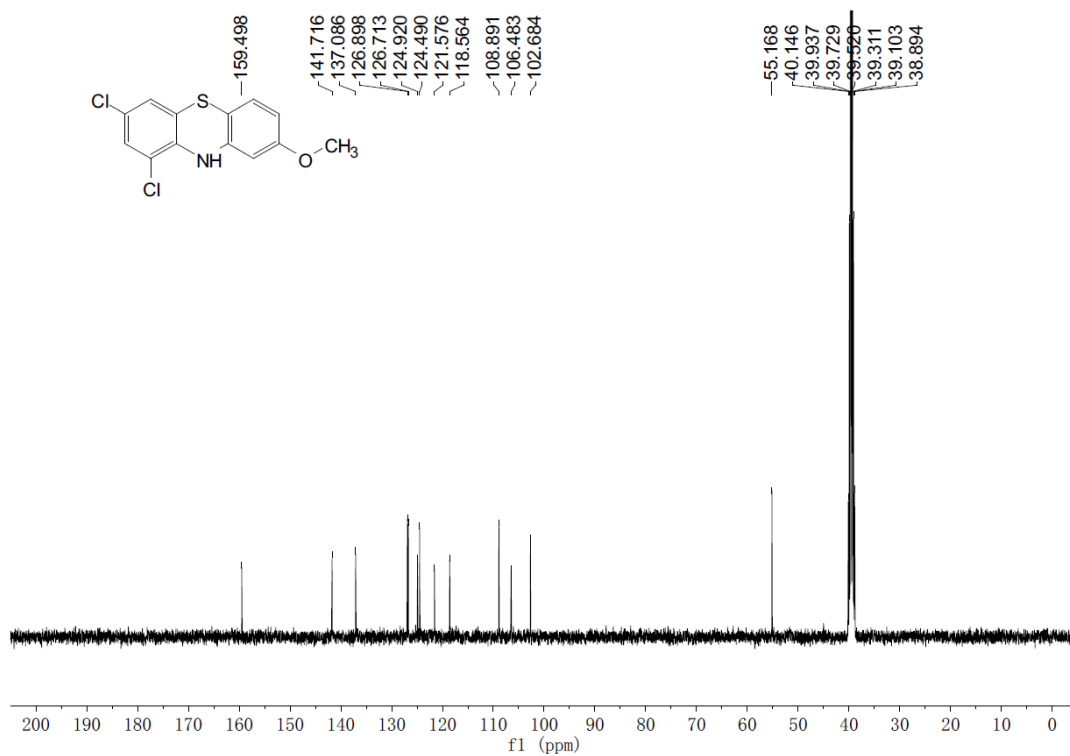
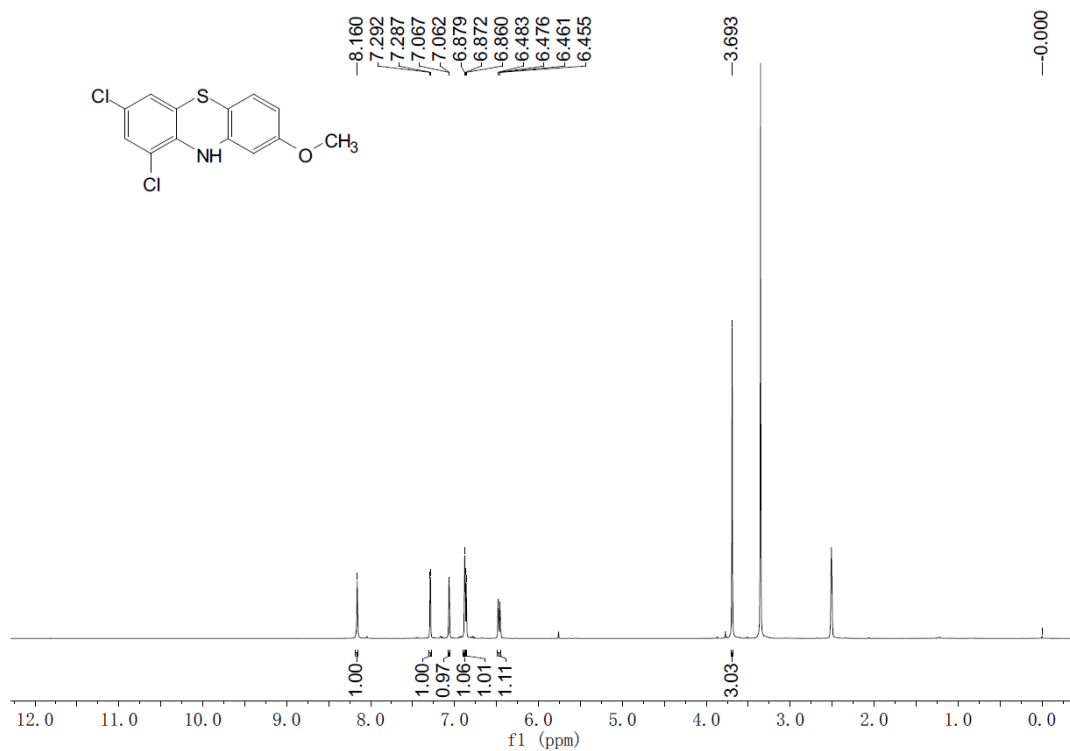
<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound 3t



**<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound 3u**

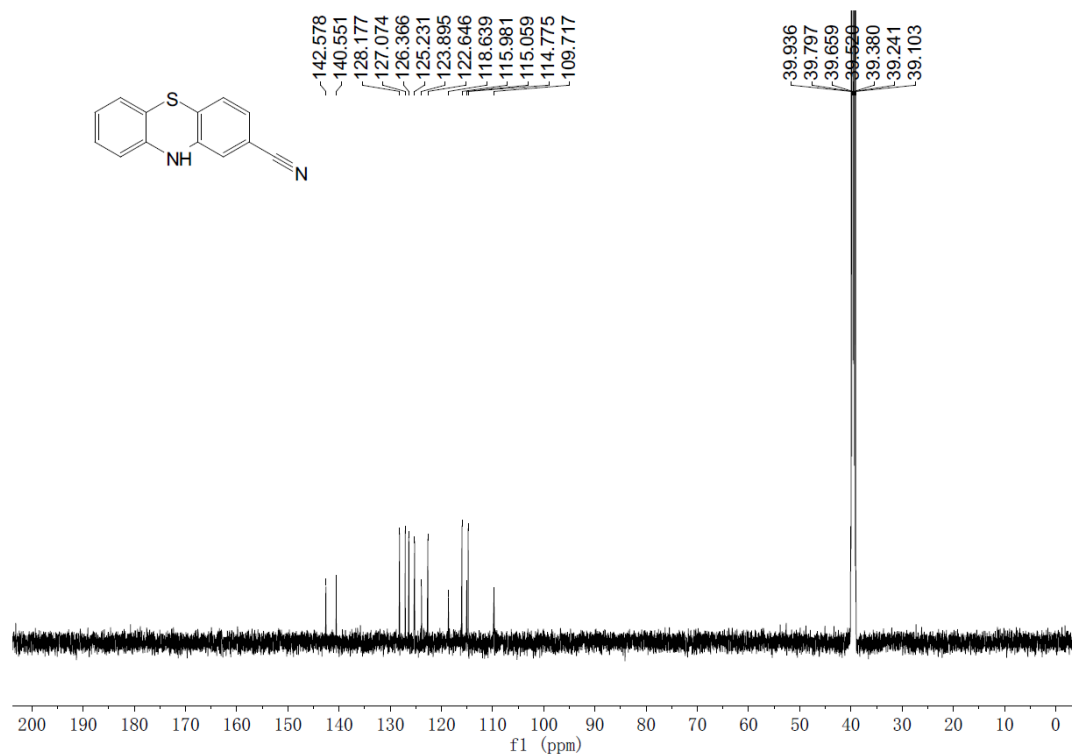
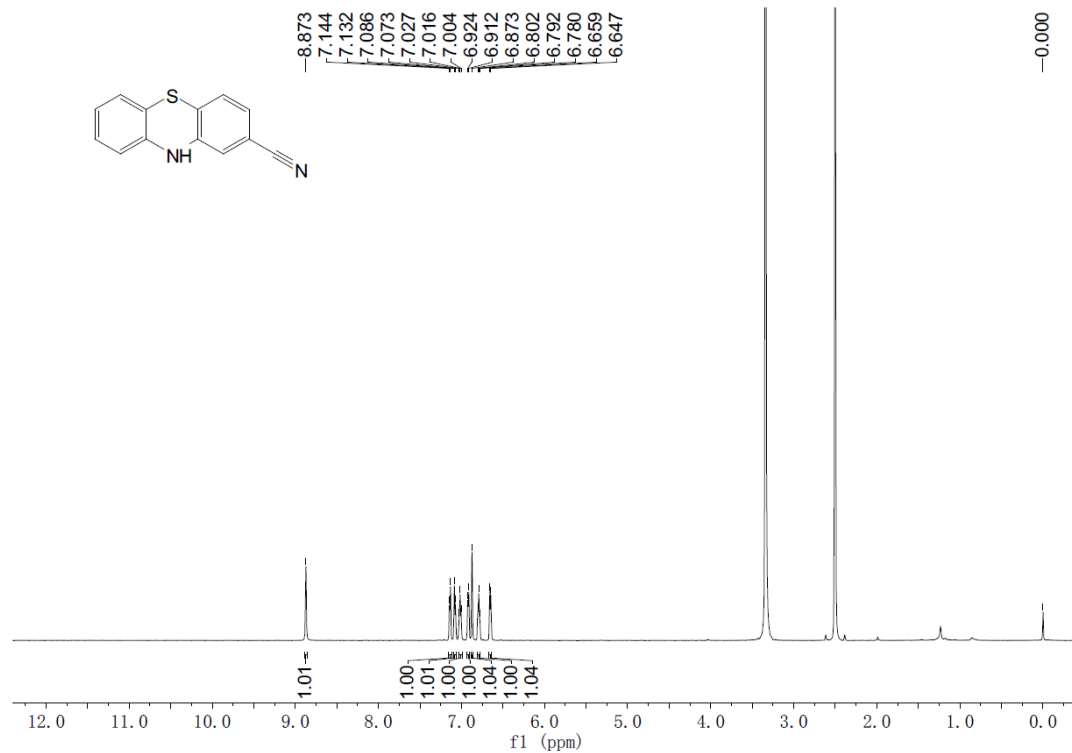


$^1\text{H NMR}$  and  $^{13}\text{C NMR}$  of Compound 3v

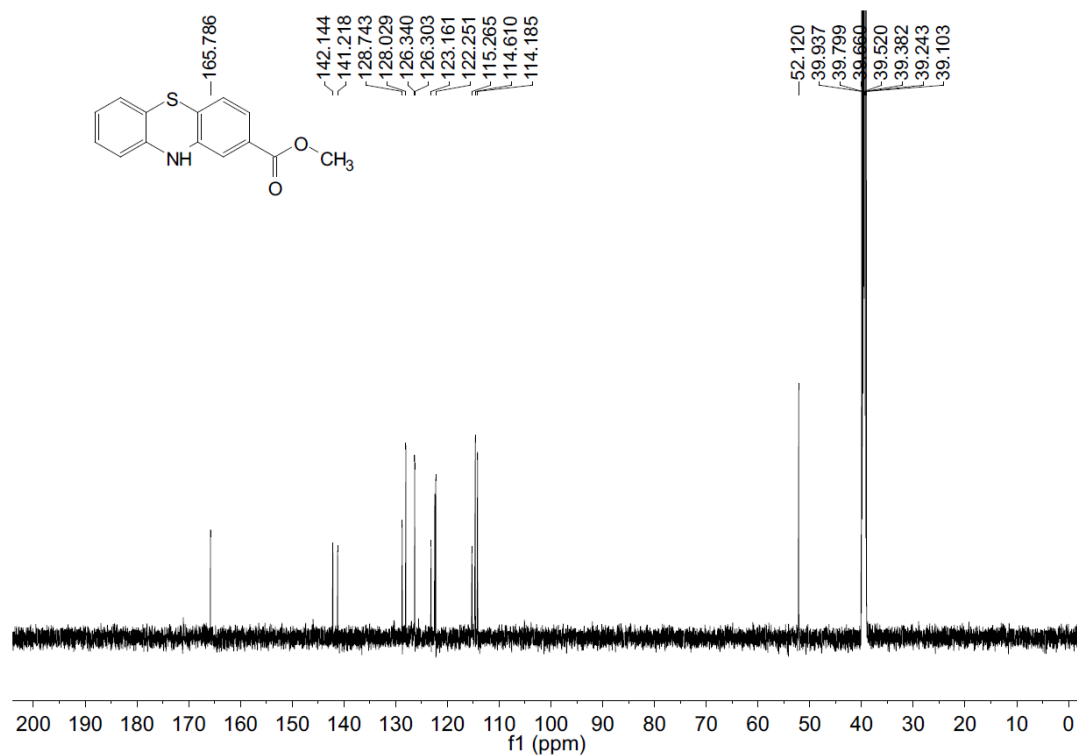
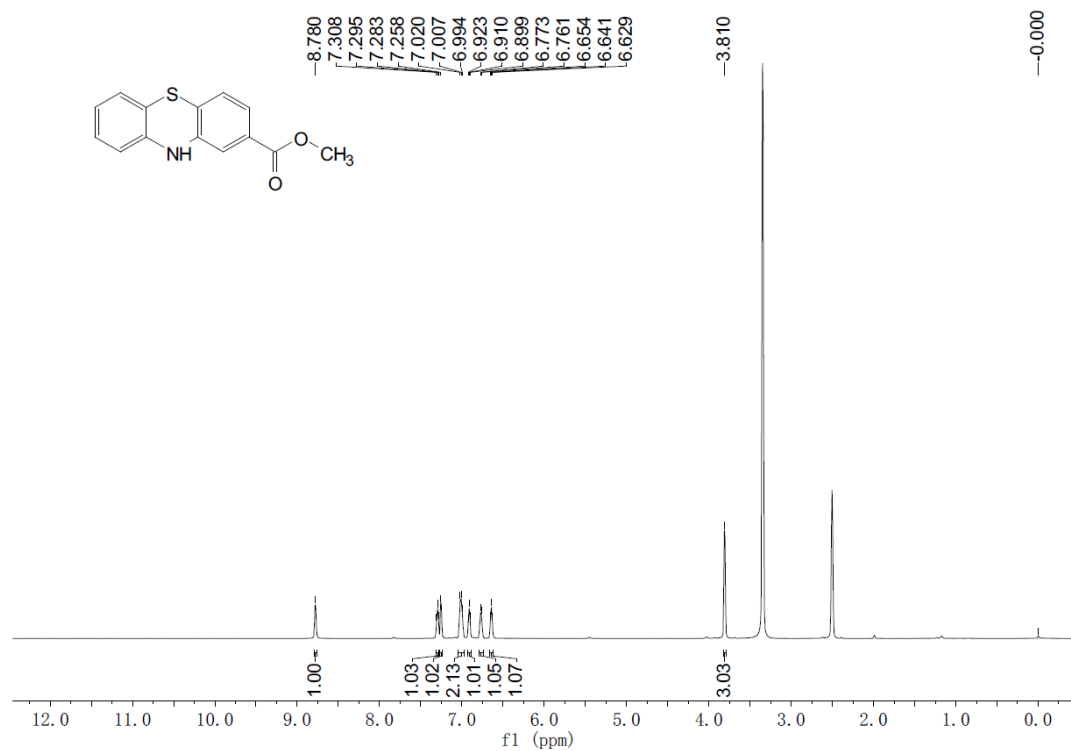


<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound **3w**





<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound 3x



<sup>1</sup>H NMR and <sup>13</sup>C NMR of Compound **3y**