

## Supporting Information

### HIGHLY REGIOSELECTIVE RING OPENING OF A COMMON *N,N*- DIALKYL AZIRIDINIUM ION BY CARBOXYLIC ACIDS

Ulises Hernández,<sup>1</sup> Manuel Velasco,<sup>1</sup> Jaime Vázquez,<sup>2</sup> Joel L. Terán,<sup>1</sup> Dino Gnecco,<sup>1</sup> María L. Orea,<sup>1</sup> David M. Aparicio,<sup>1</sup> and Jorge R. Juárez<sup>1\*</sup>

<sup>1</sup>Centro de Química, Instituto de Ciencias, Benemérita Universidad Autónoma de Puebla, Edif. IC8 Complejo de Ciencias, C. U., 72570 Puebla, México.

<sup>2</sup>Universidad Politécnica Metropolitana de Puebla, Popocatepetl s/n, Tres Cerritos, 72480 Puebla, México.

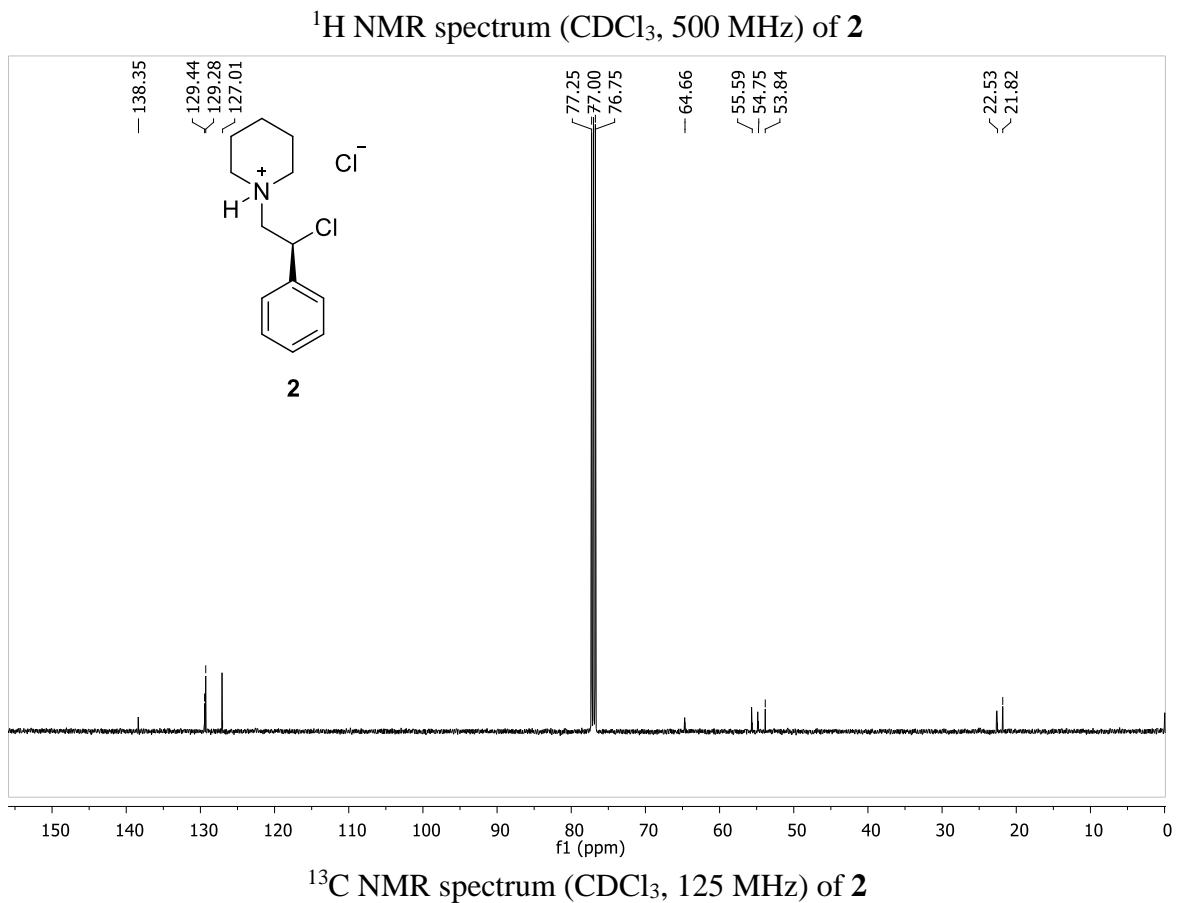
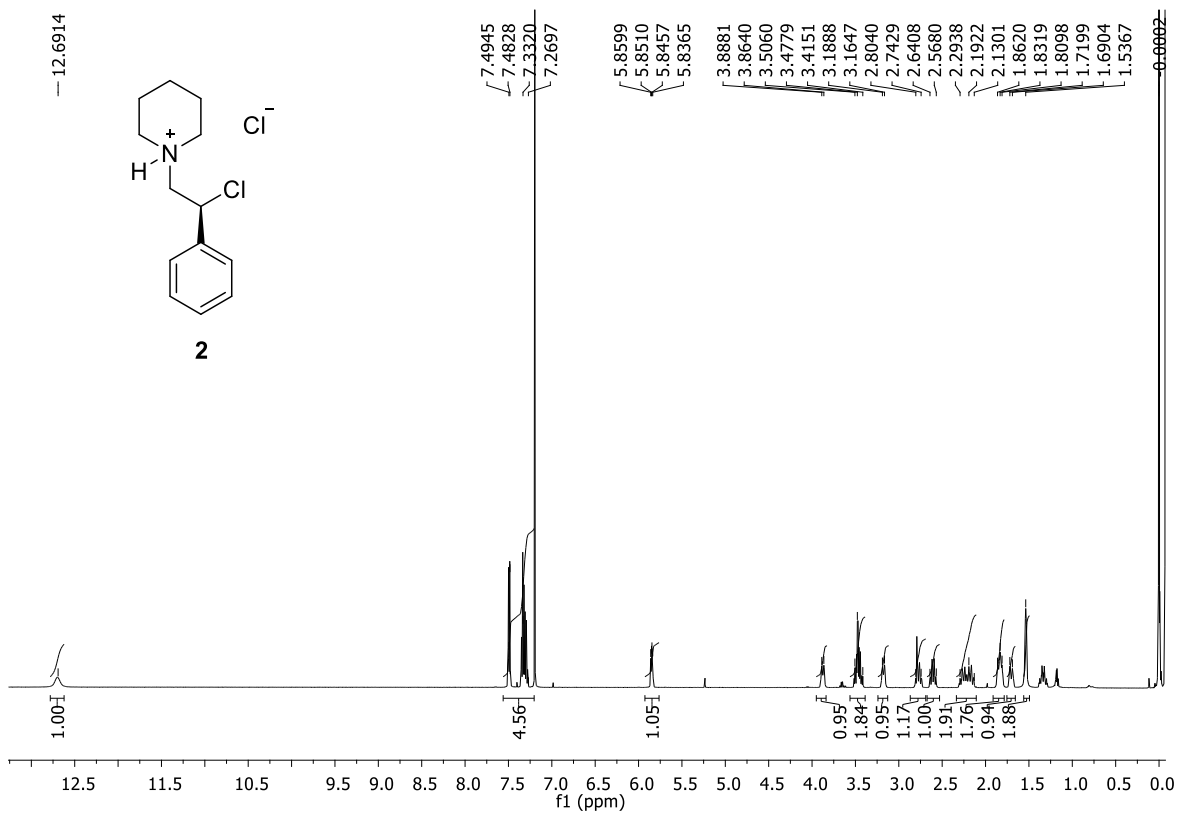
Corresponding Author

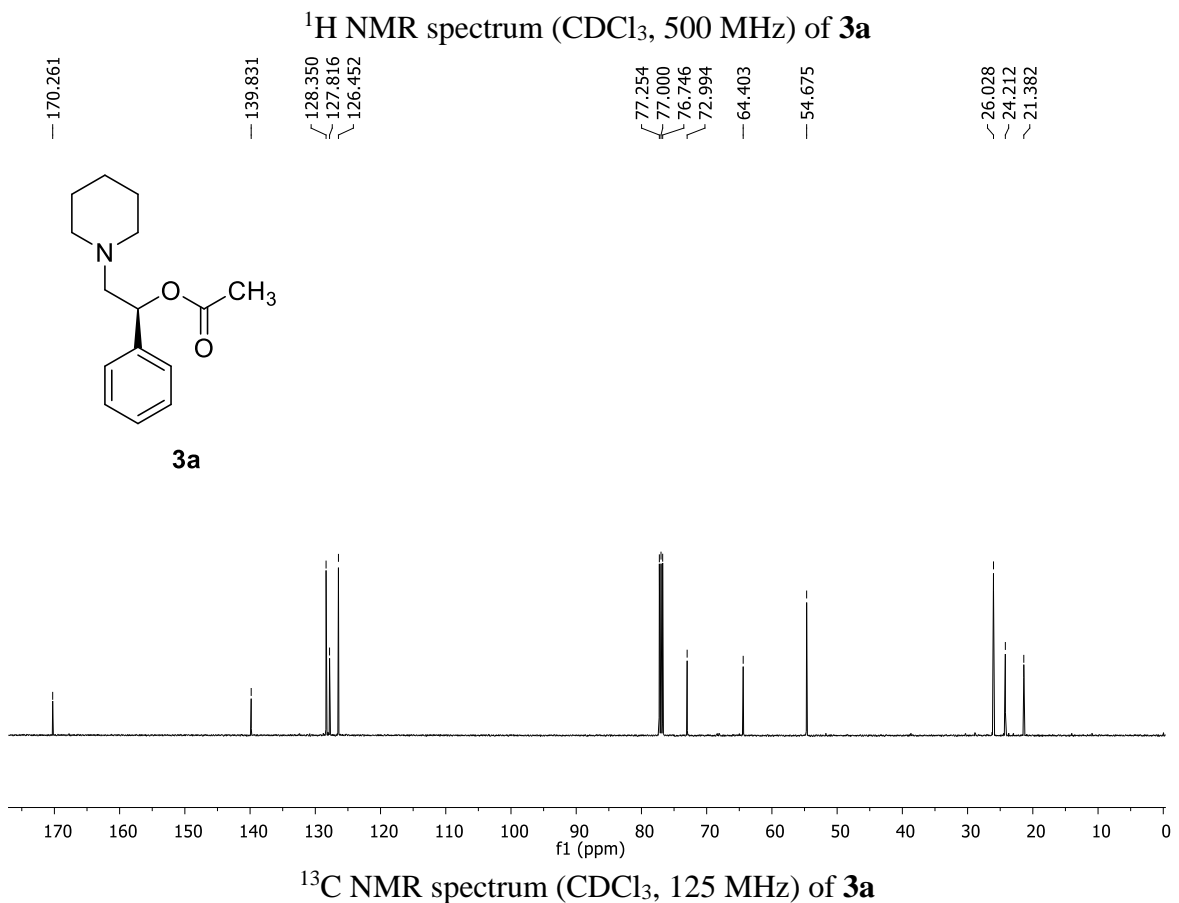
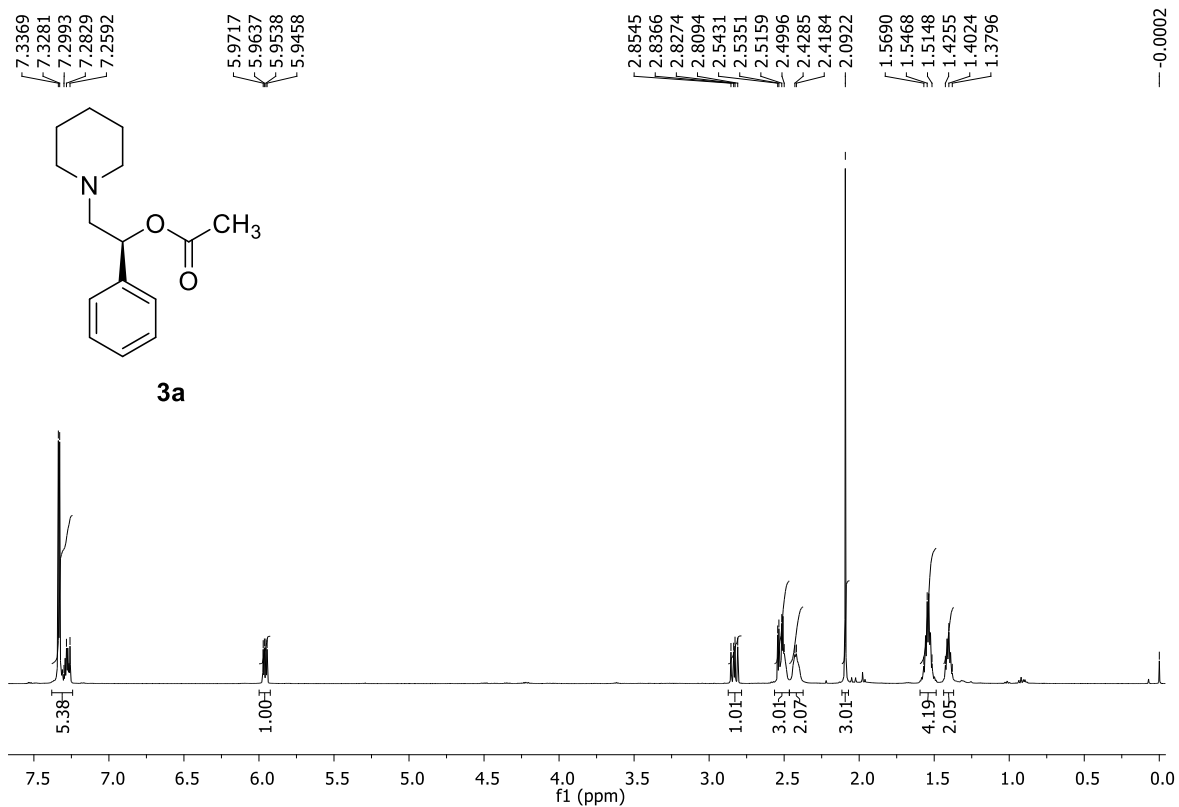
jorge.juarez@correo.buap.mx

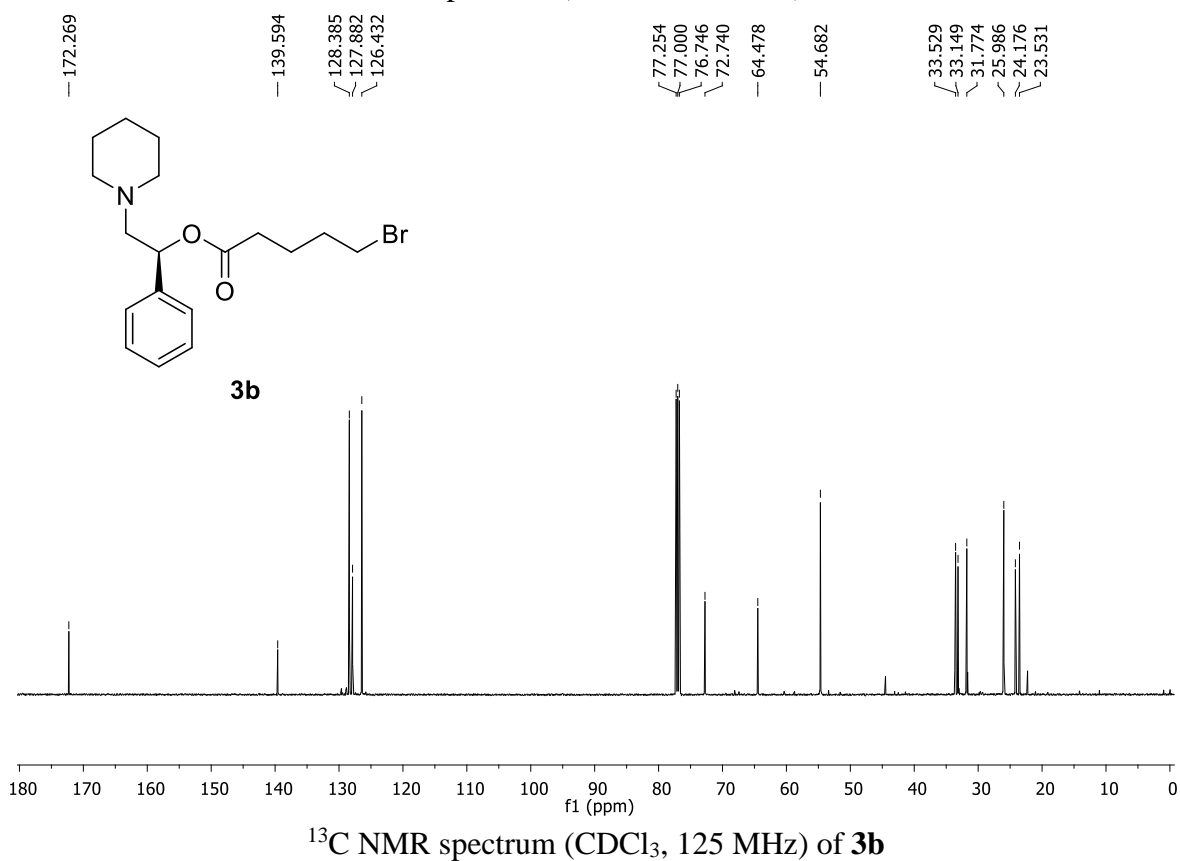
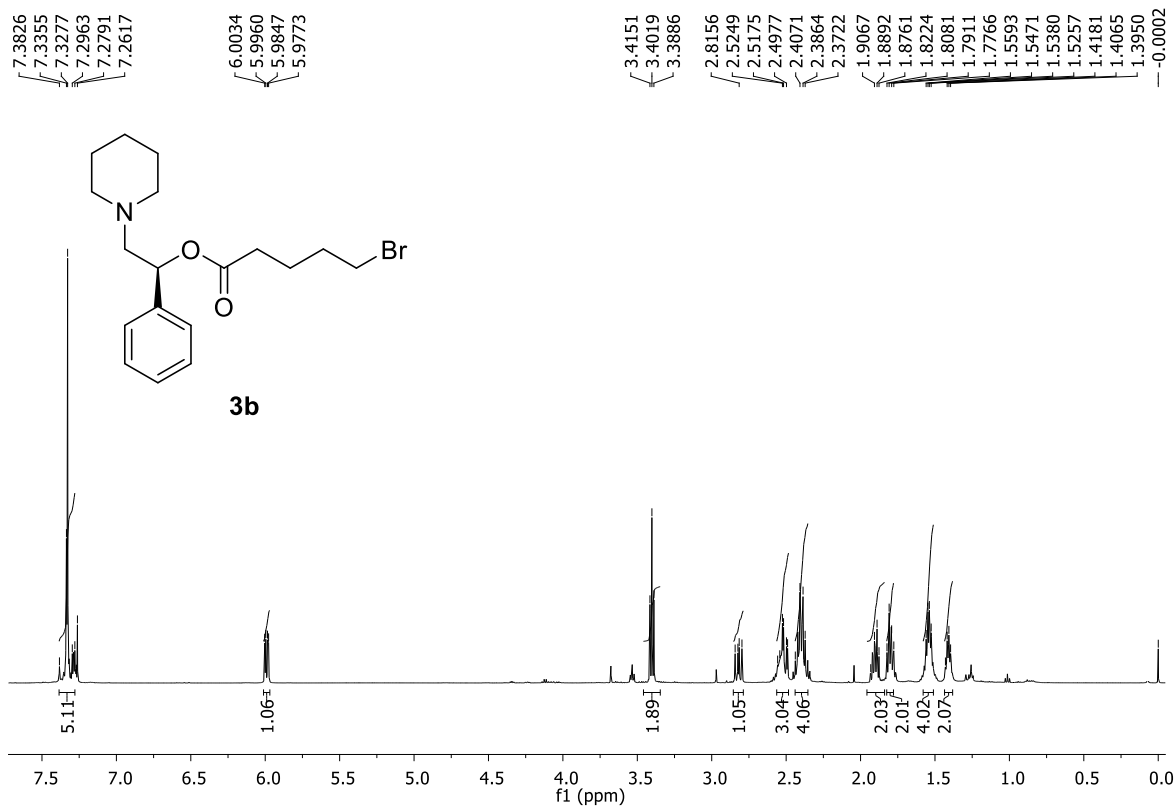
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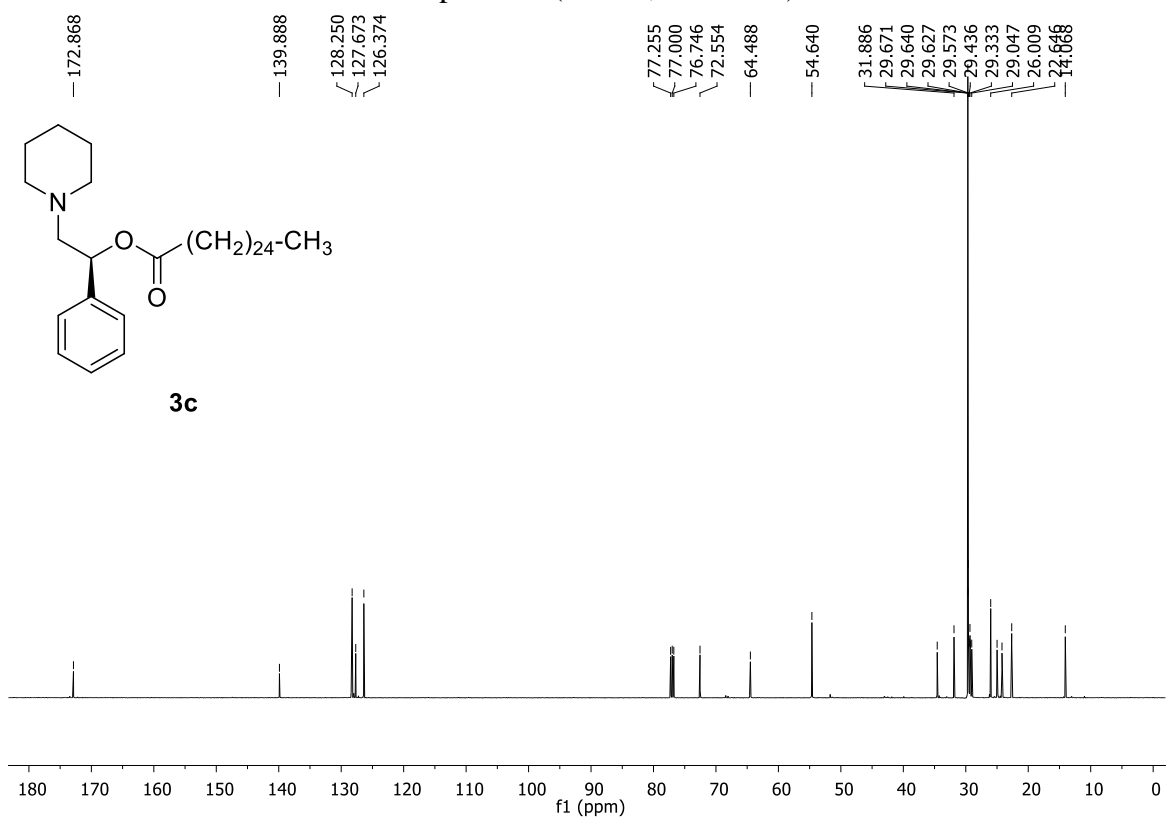
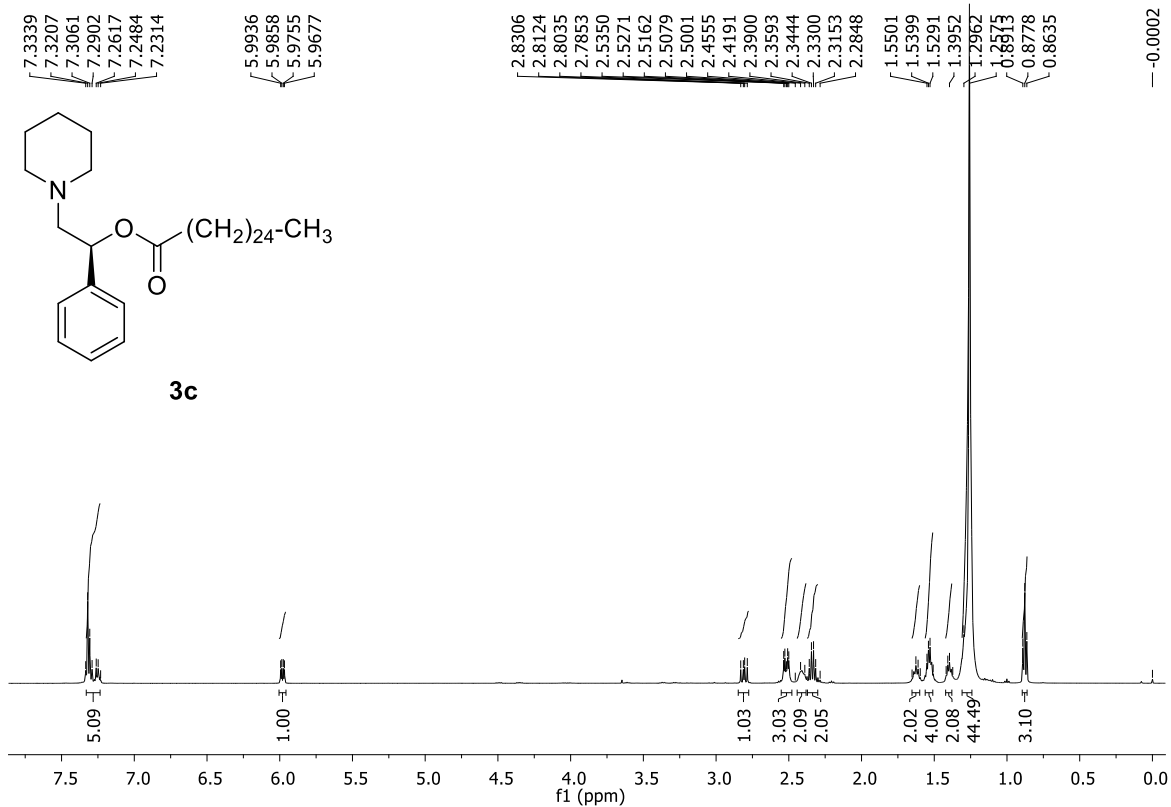
1. <sup>1</sup>H and <sup>13</sup>C NMR for **2**, **3a-3s**, **4a-b**, **5** and **8**

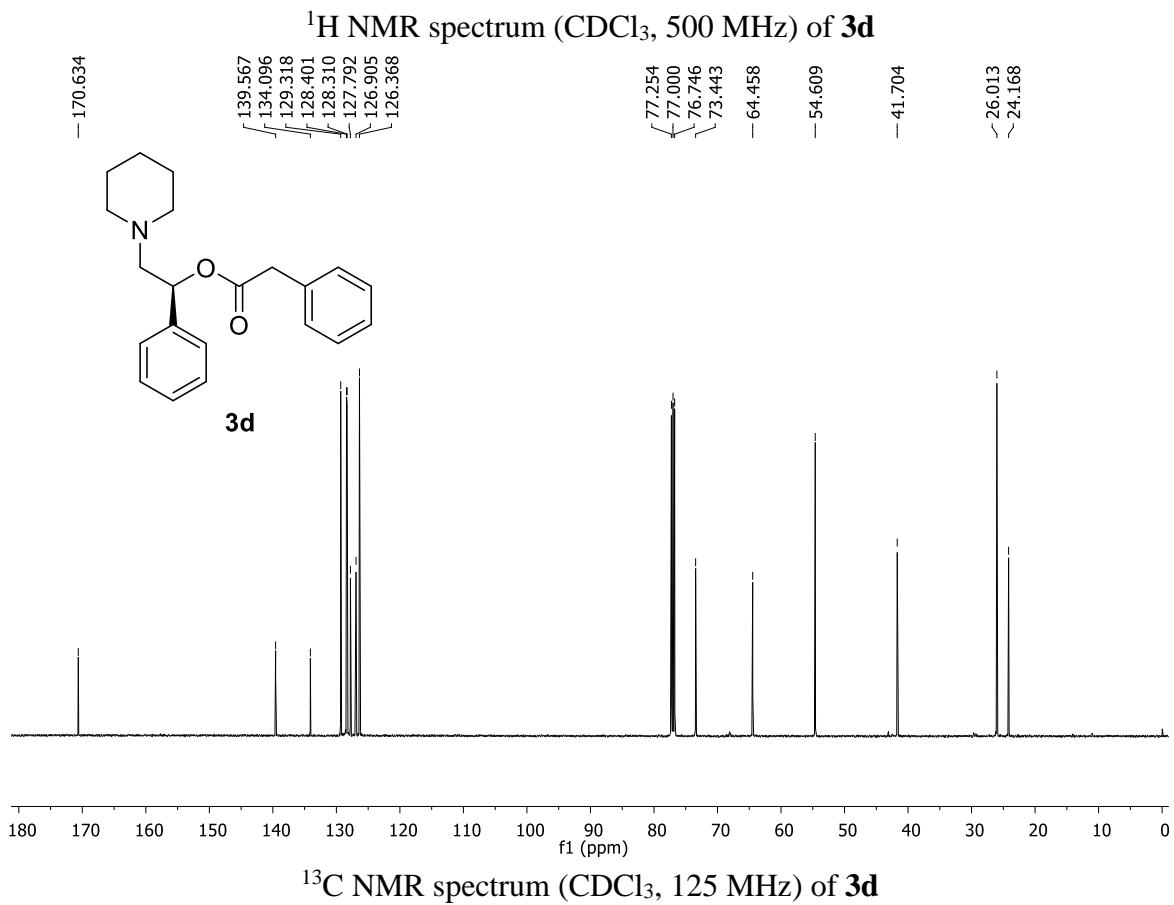
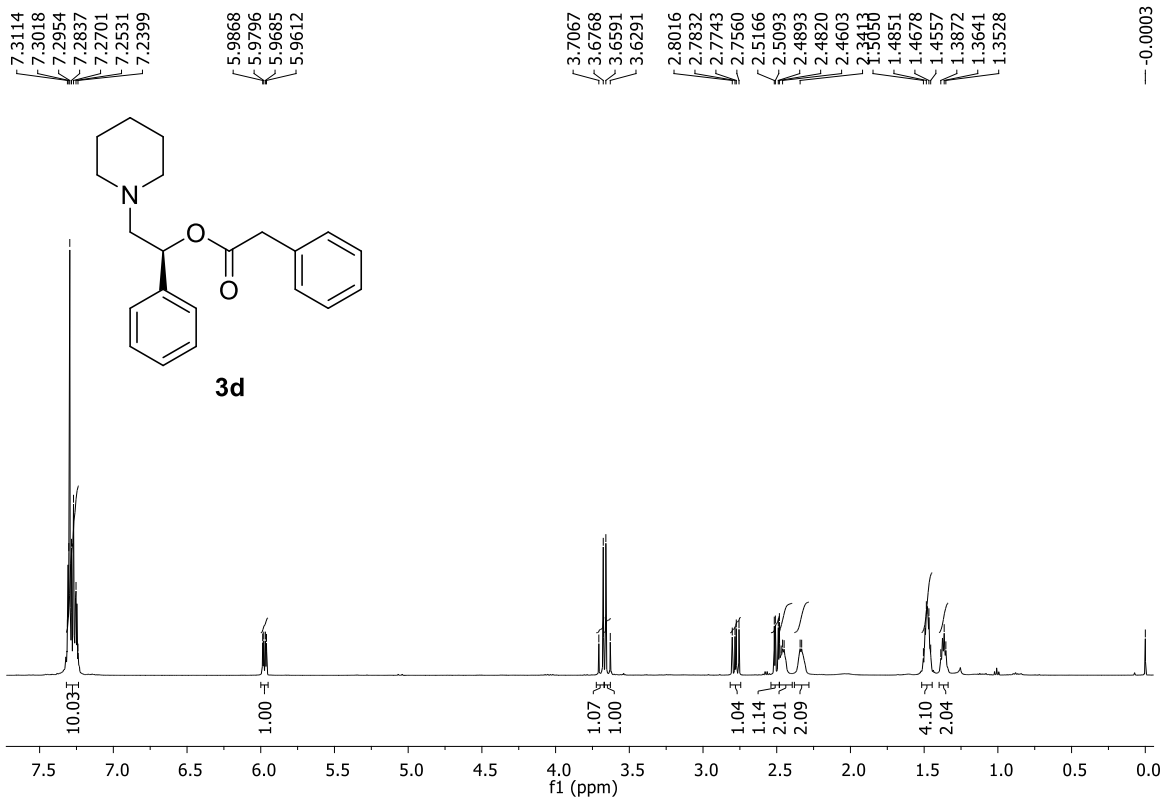
S2-S25

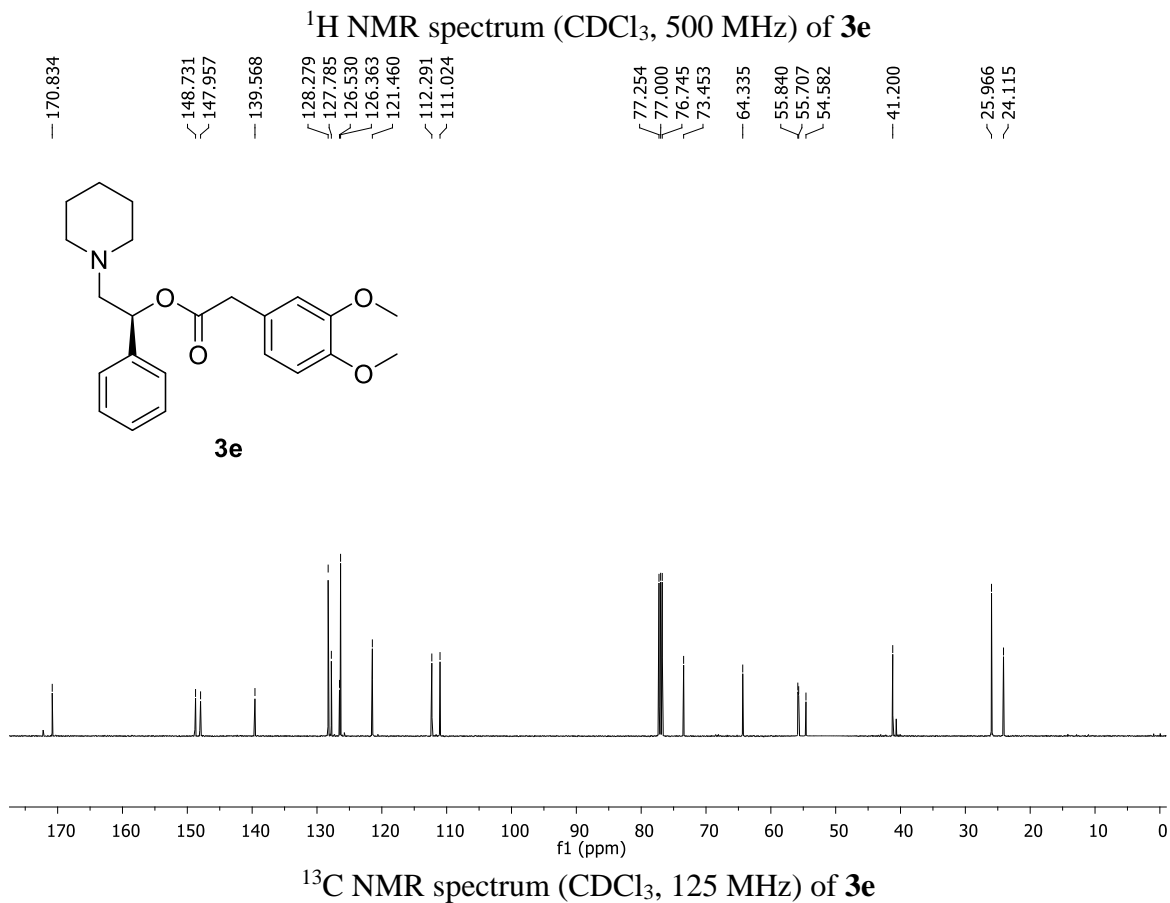
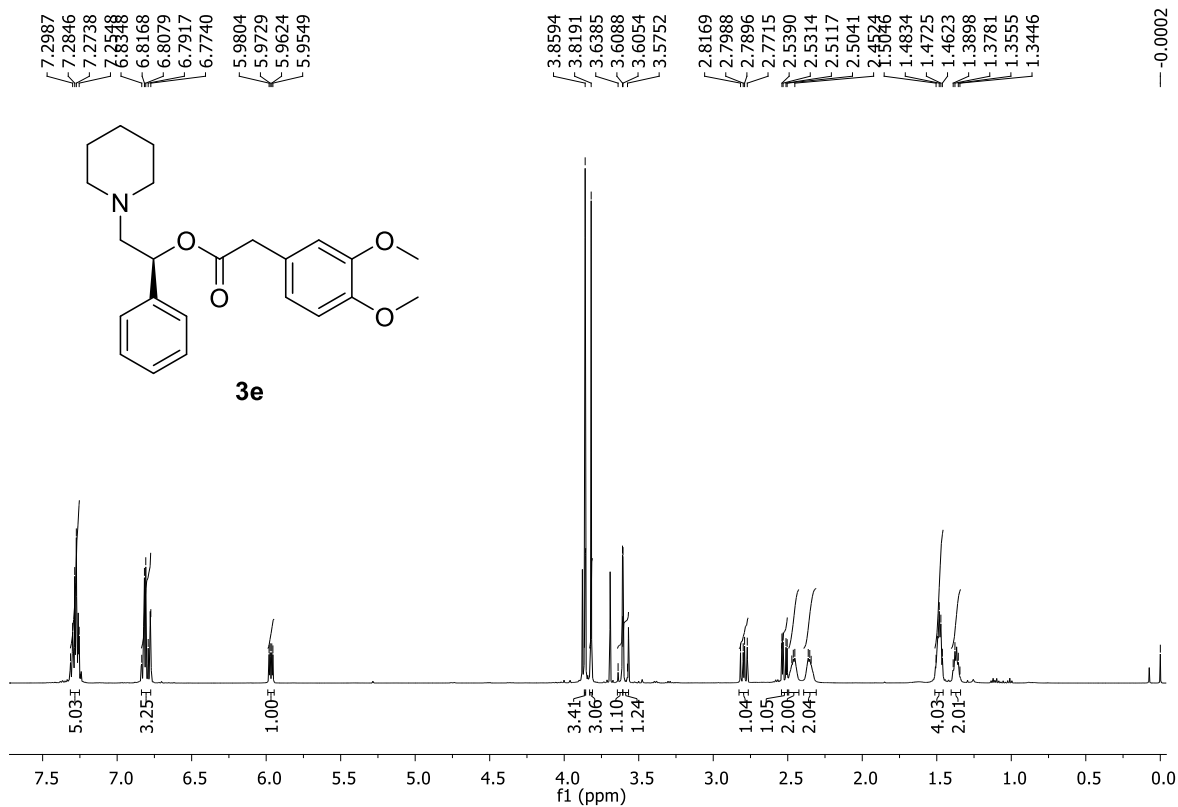


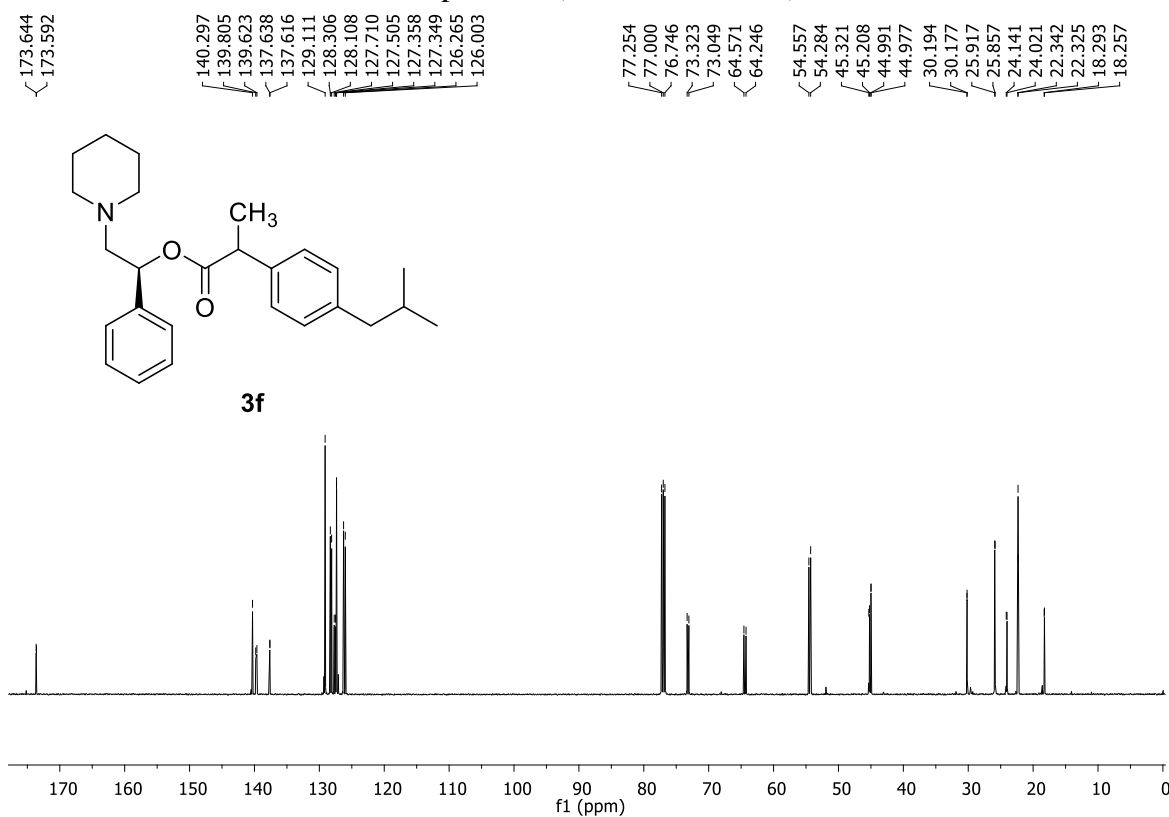
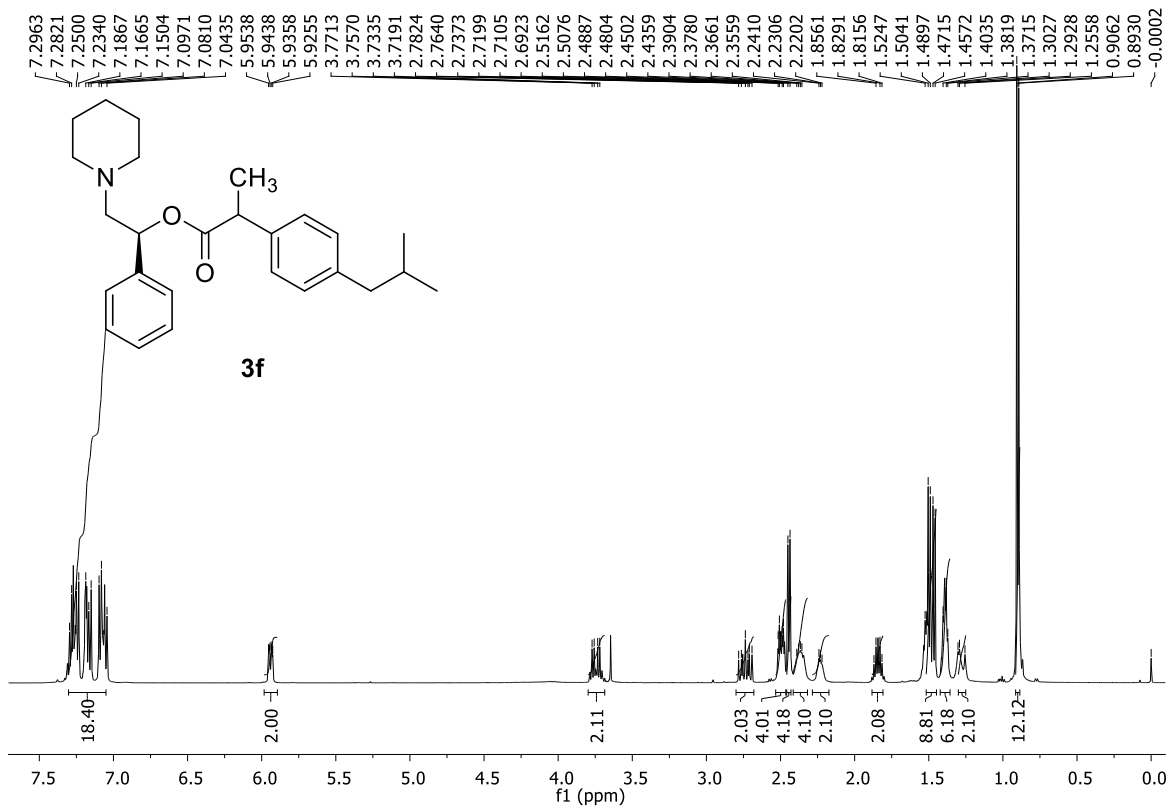


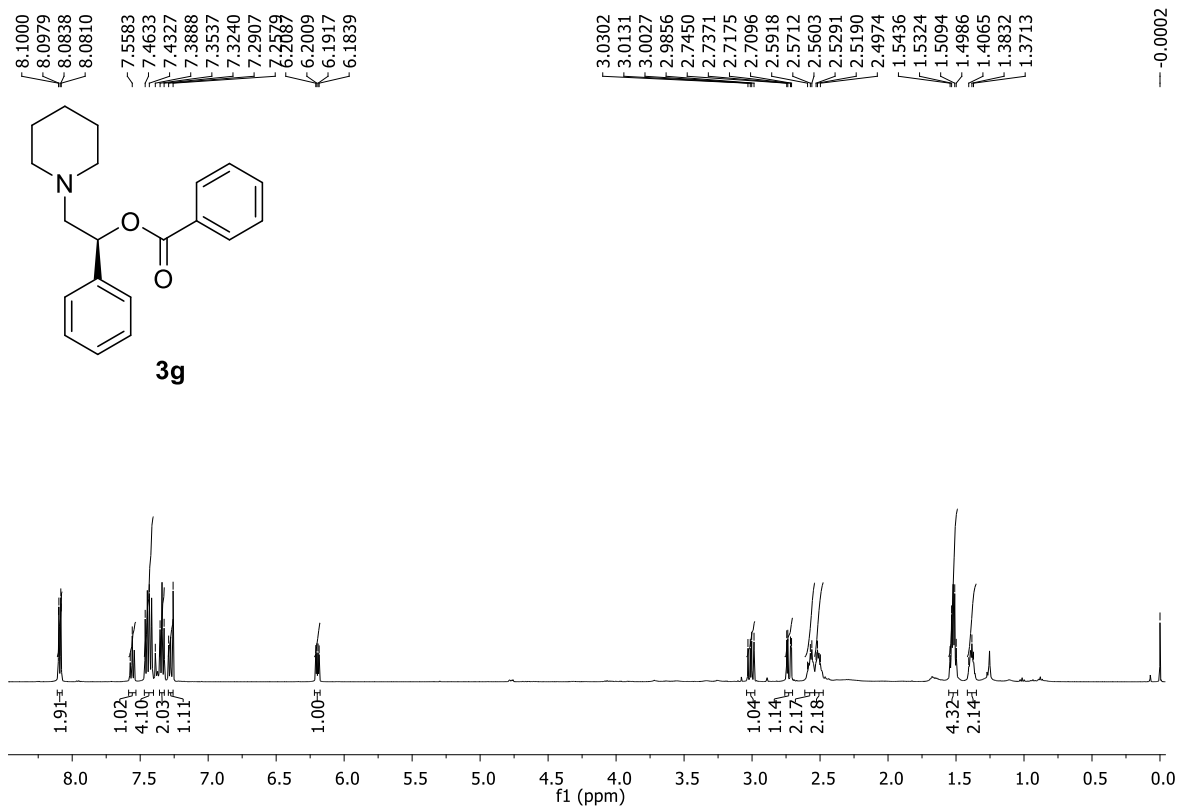




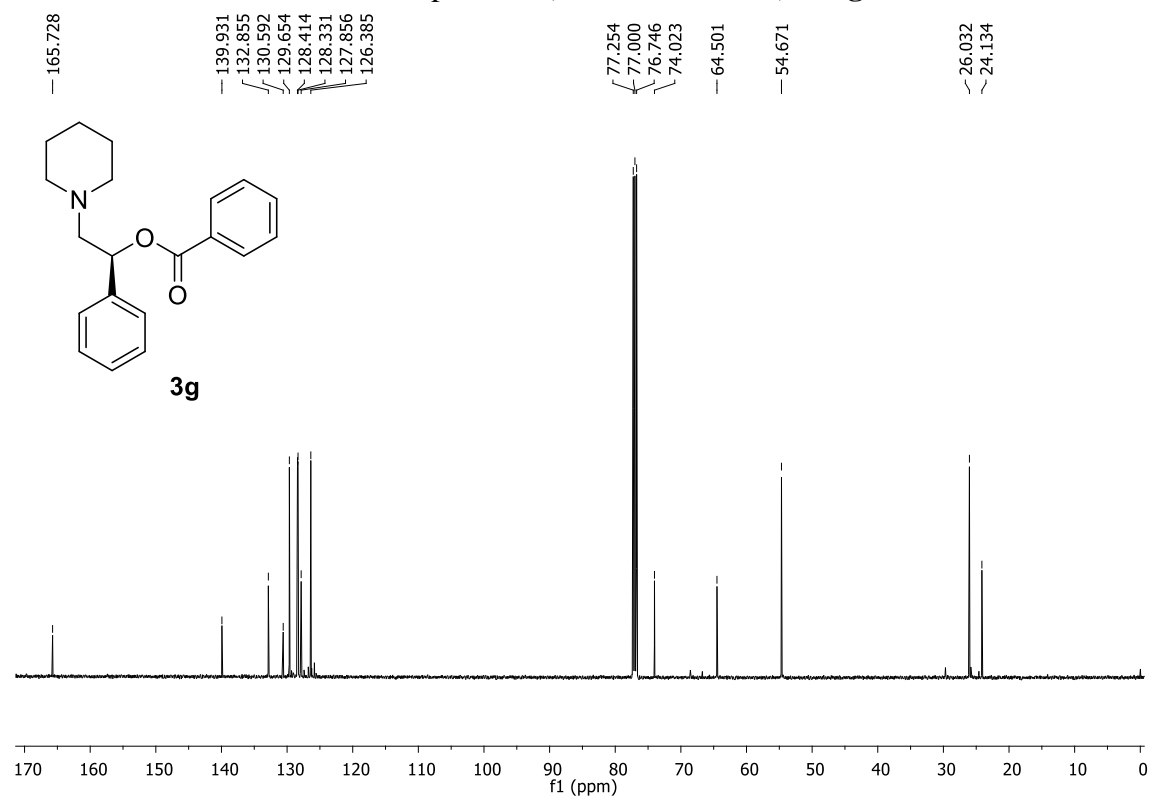




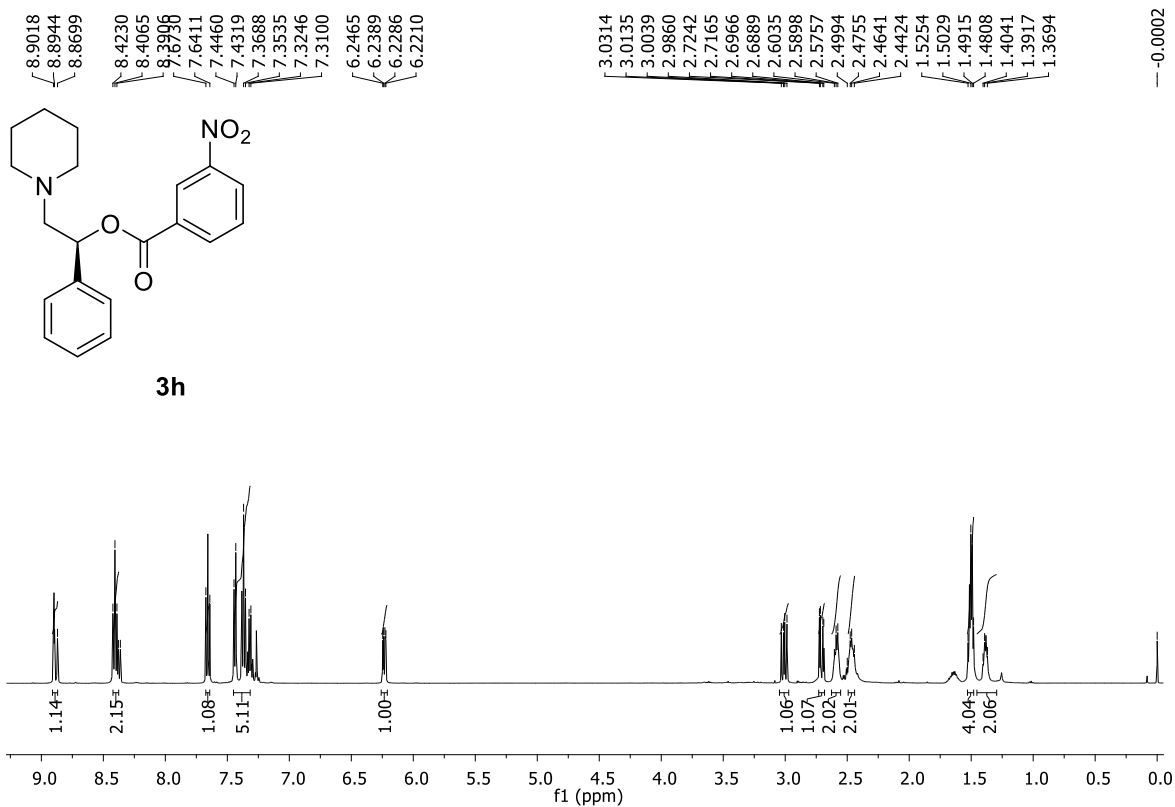




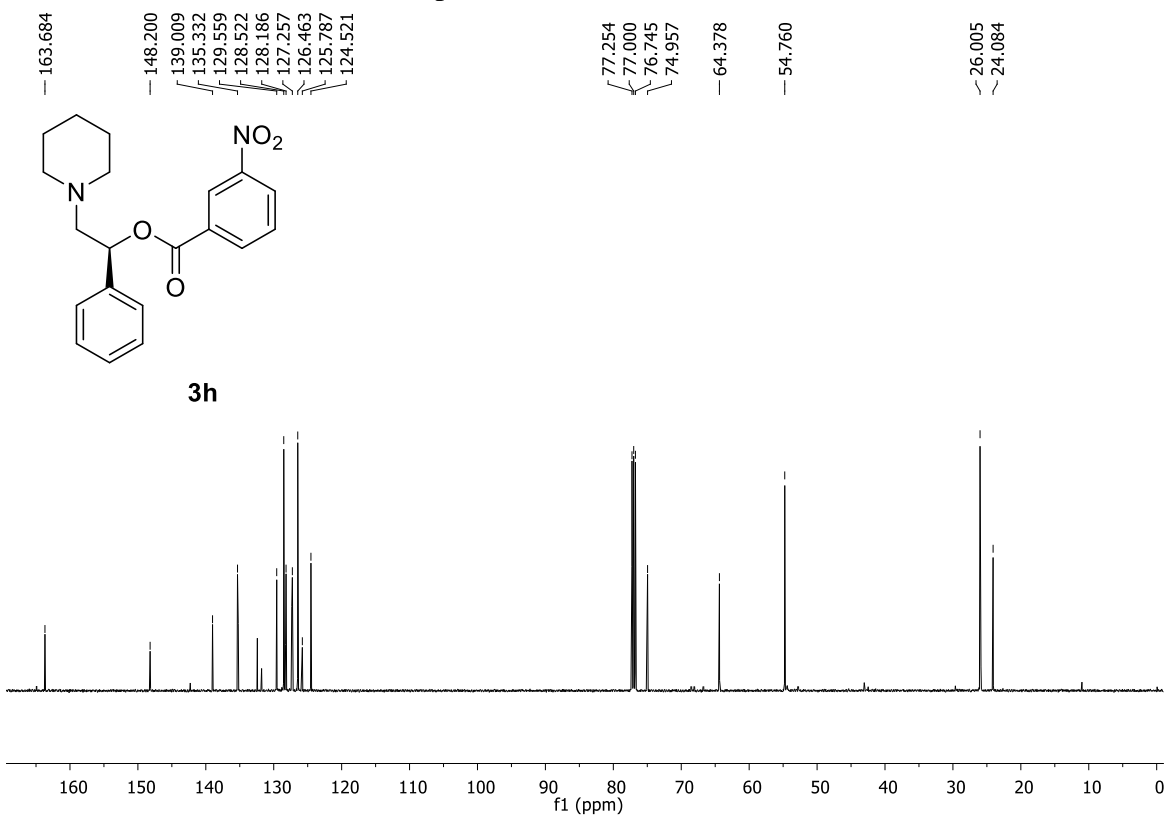
$^1\text{H}$  NMR spectrum ( $\text{CDCl}_3$ , 500 MHz) of **3g**



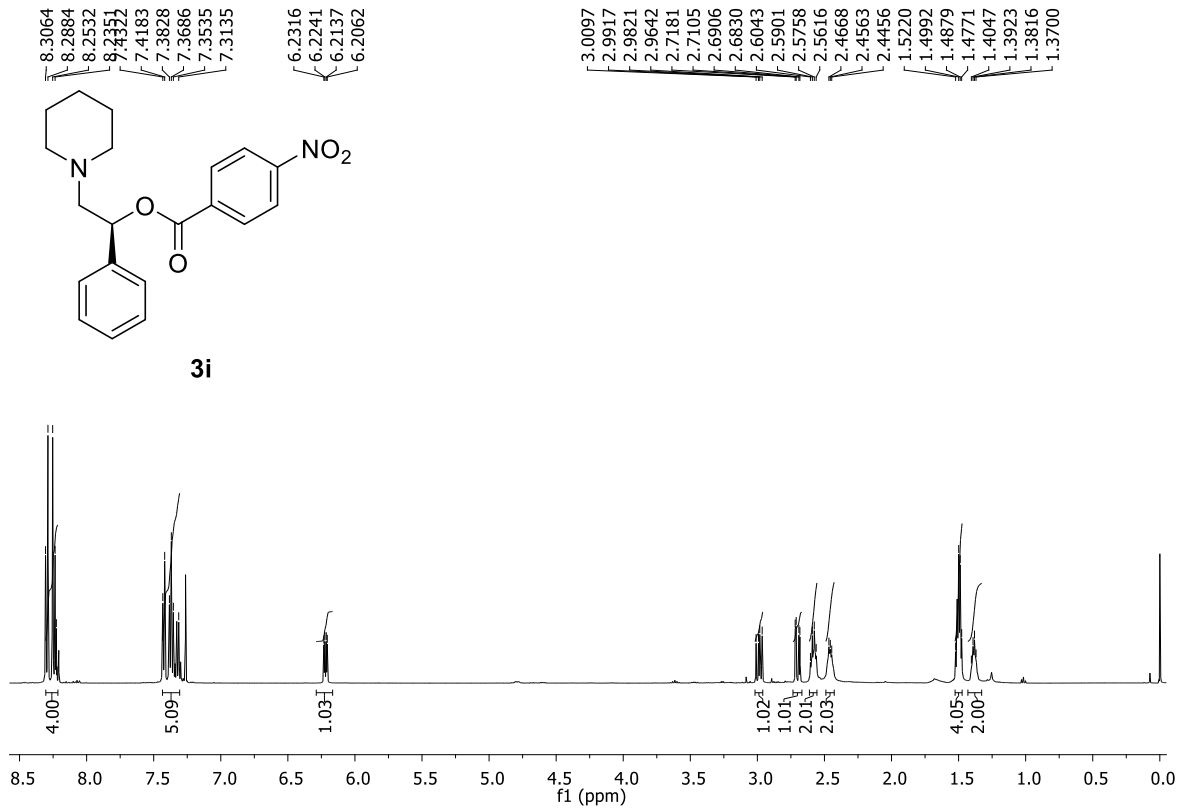
$^{13}\text{C}$  NMR spectrum ( $\text{CDCl}_3$ , 125 MHz) of **3g**



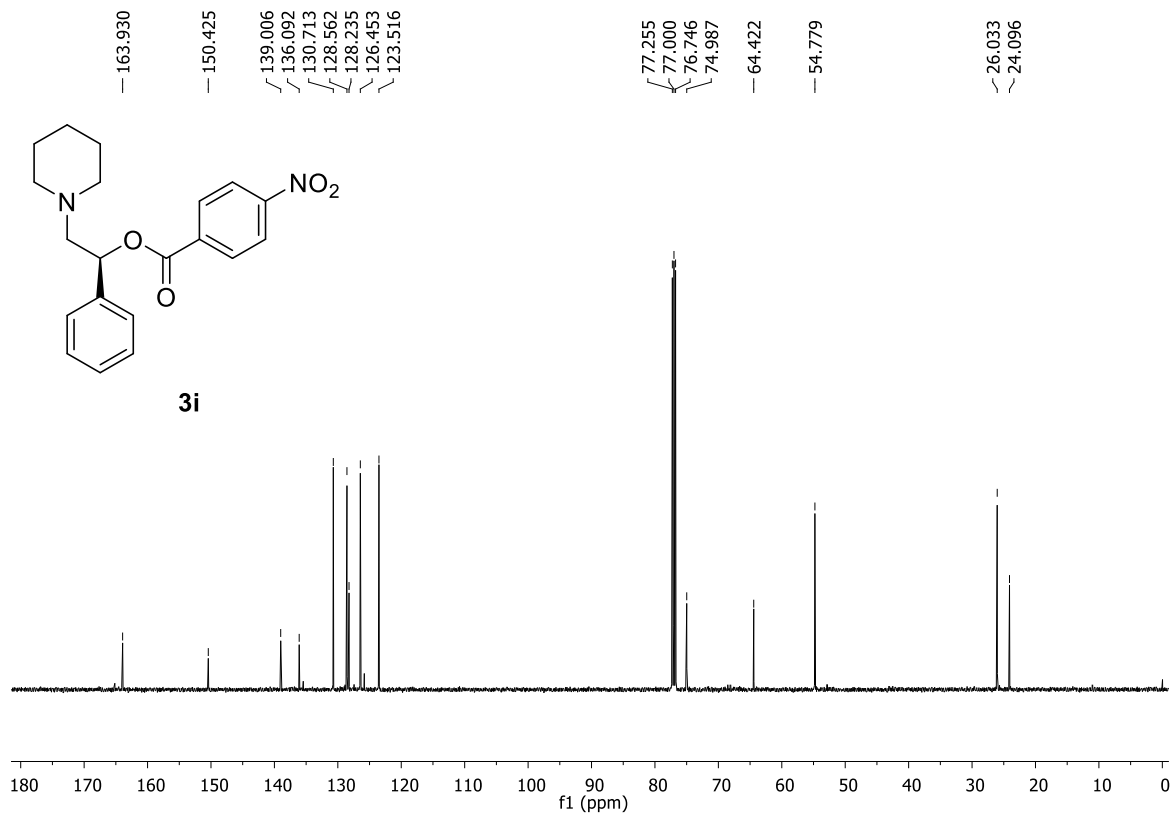
<sup>1</sup>H NMR spectrum (CDCl<sub>3</sub>, 500 MHz) of **3h**



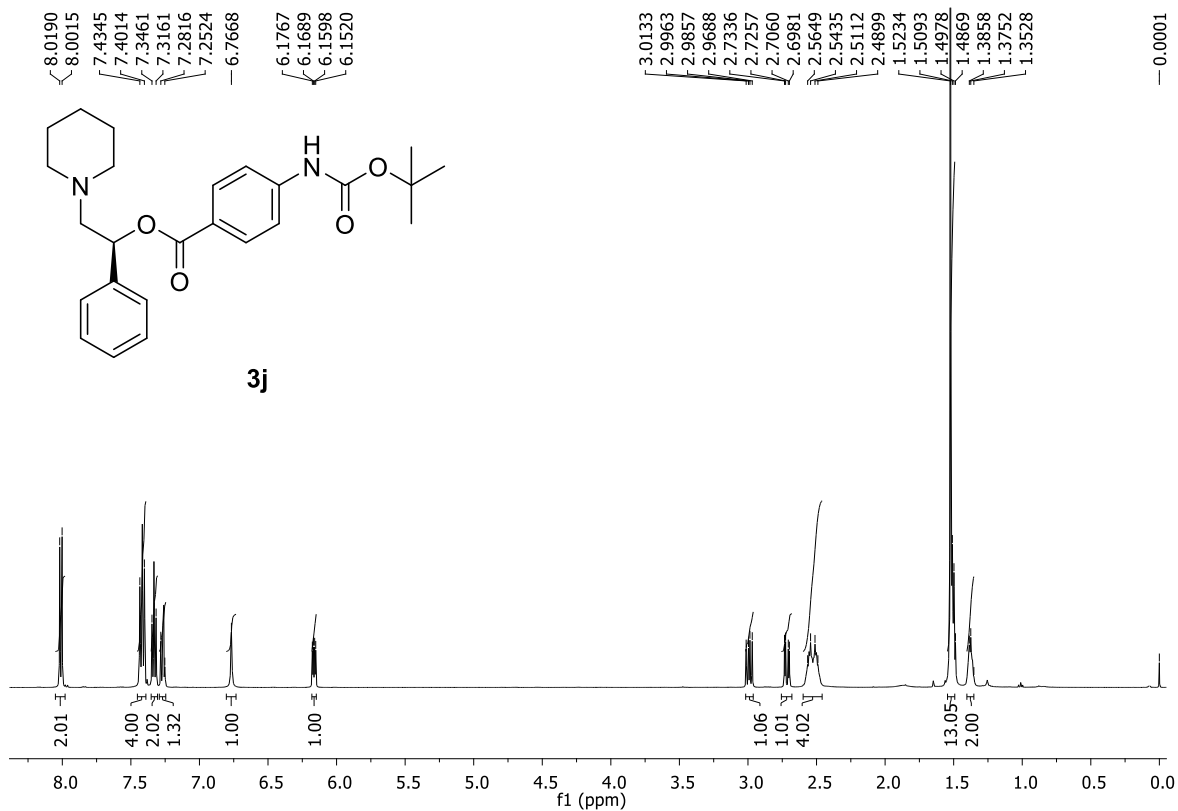
<sup>13</sup>C NMR spectrum (CDCl<sub>3</sub>, 125 MHz) of **3h**



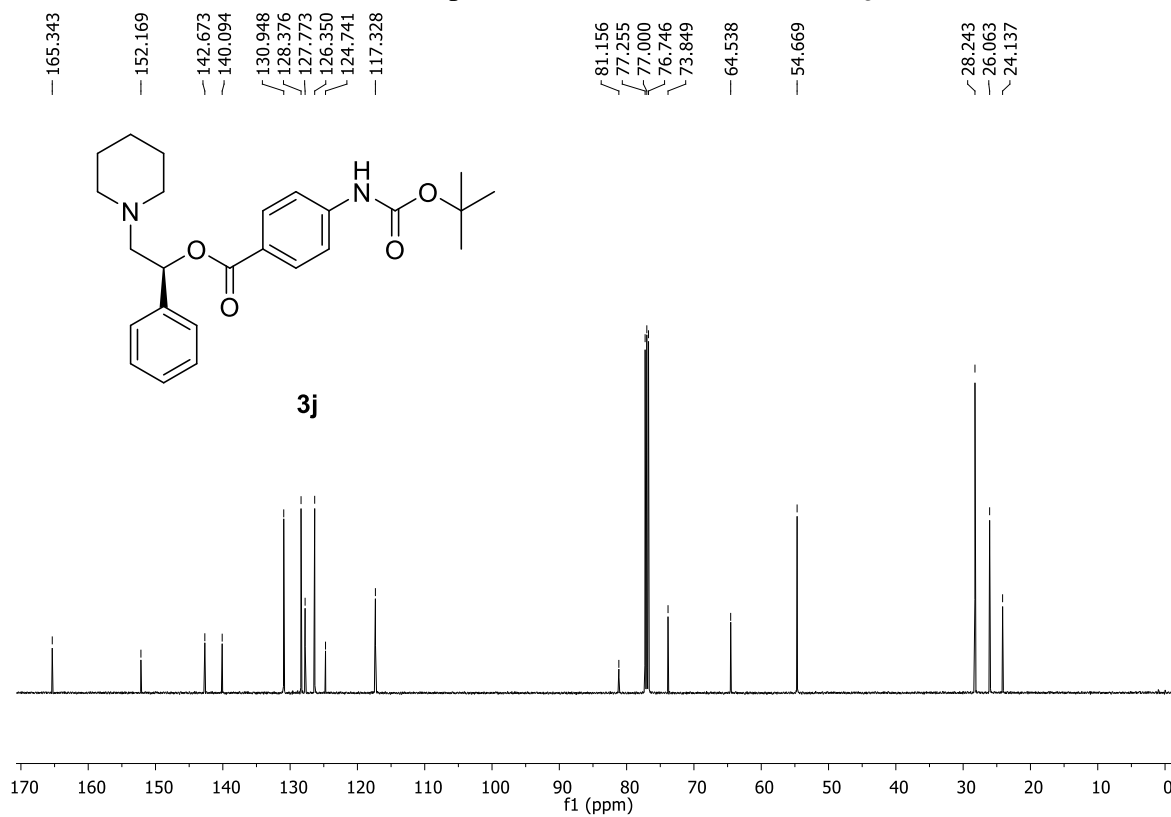
<sup>1</sup>H NMR spectrum (CDCl<sub>3</sub>, 500 MHz) of **3i**



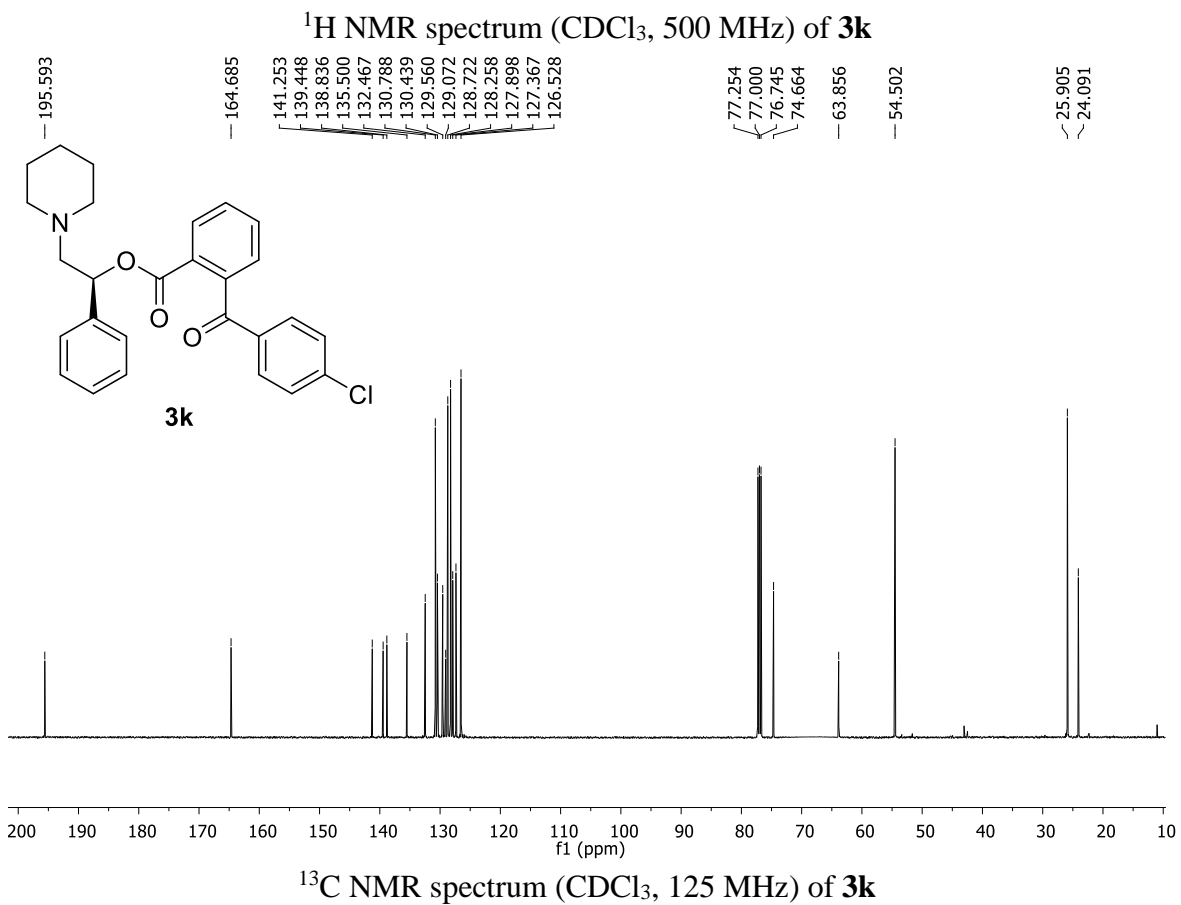
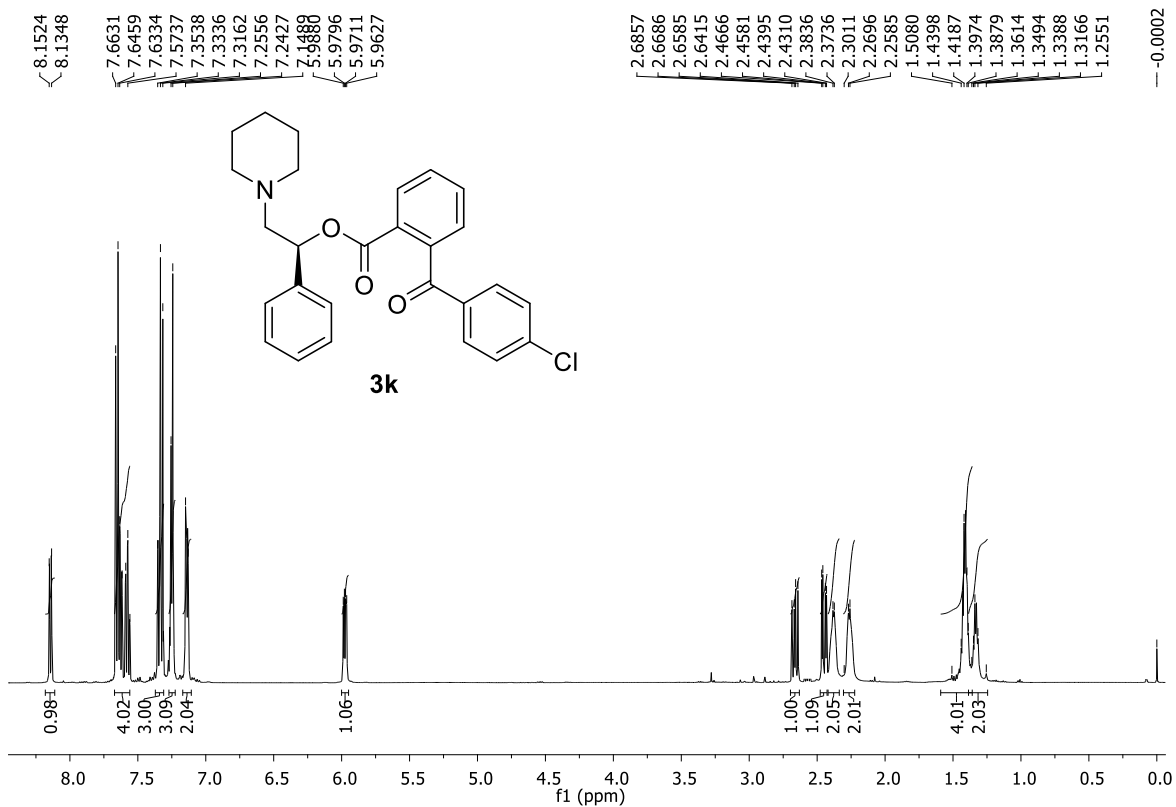
<sup>13</sup>C NMR spectrum (CDCl<sub>3</sub>, 125 MHz) of **3i**

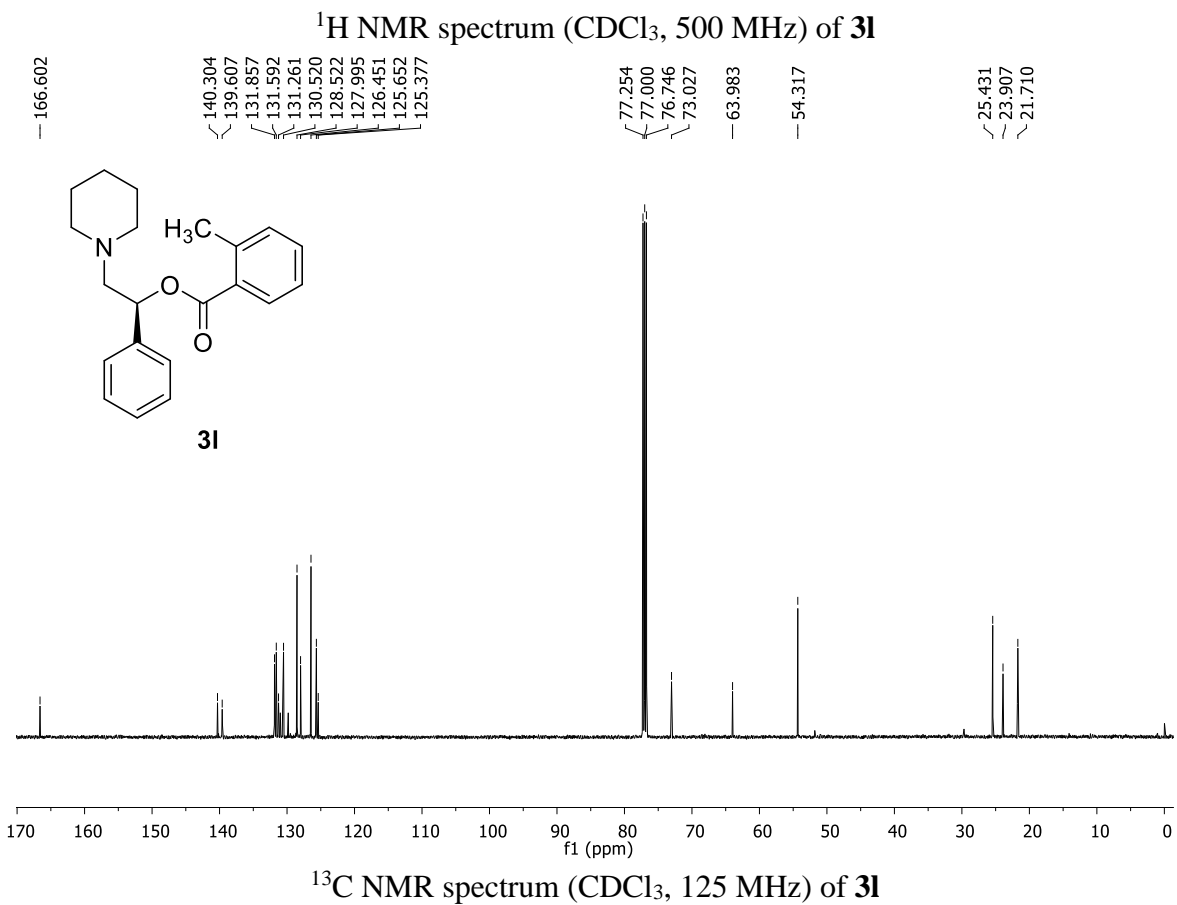
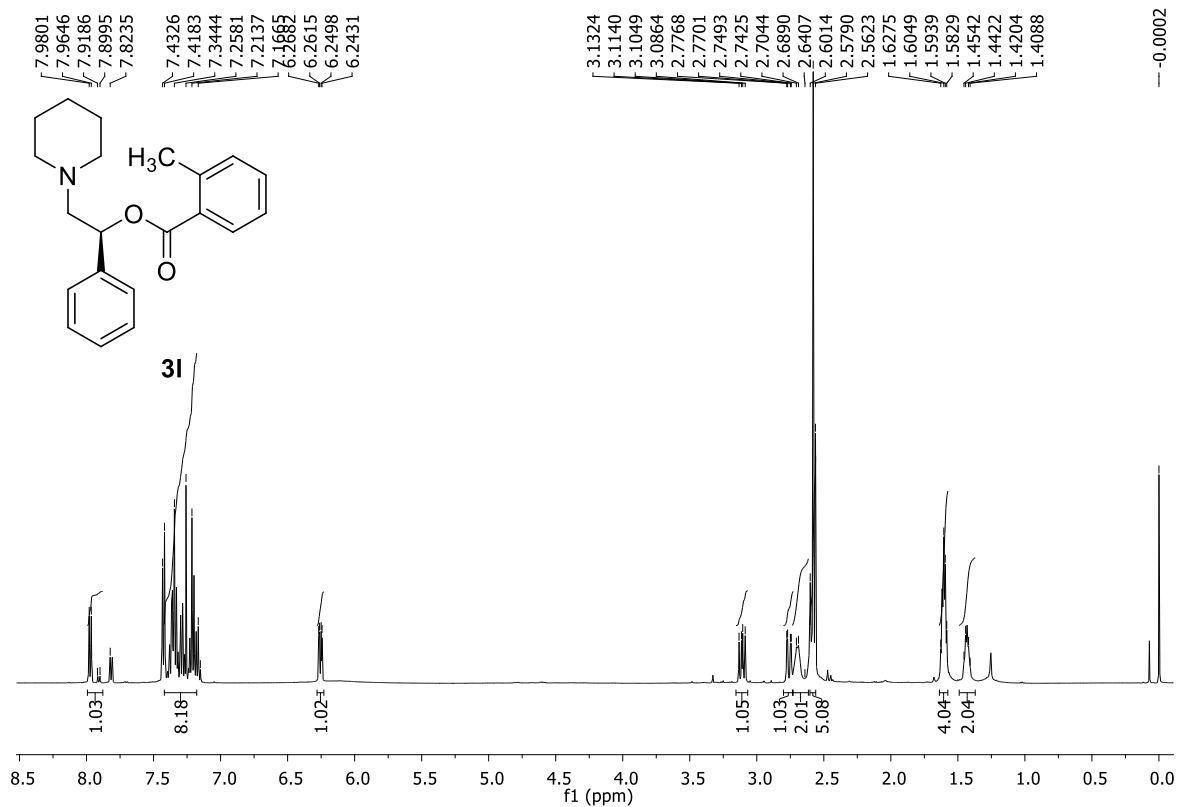


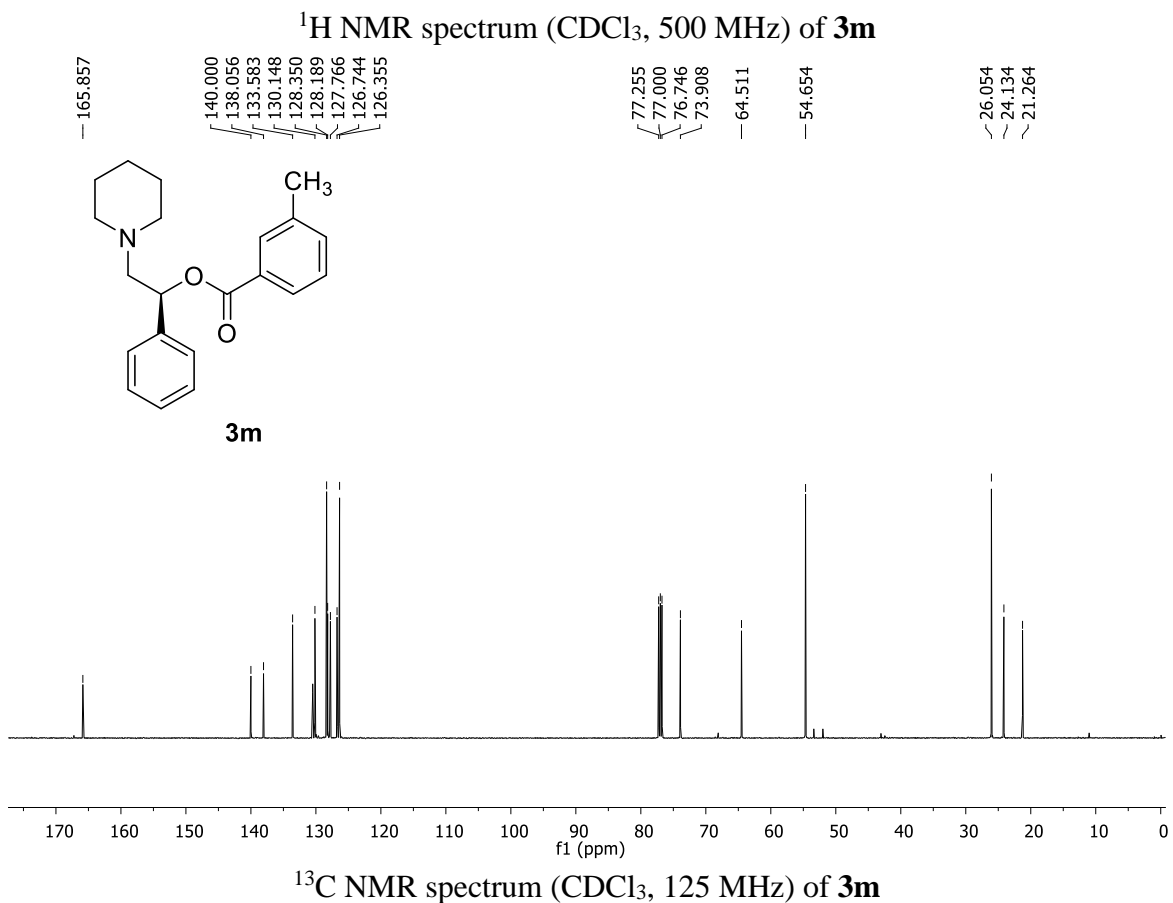
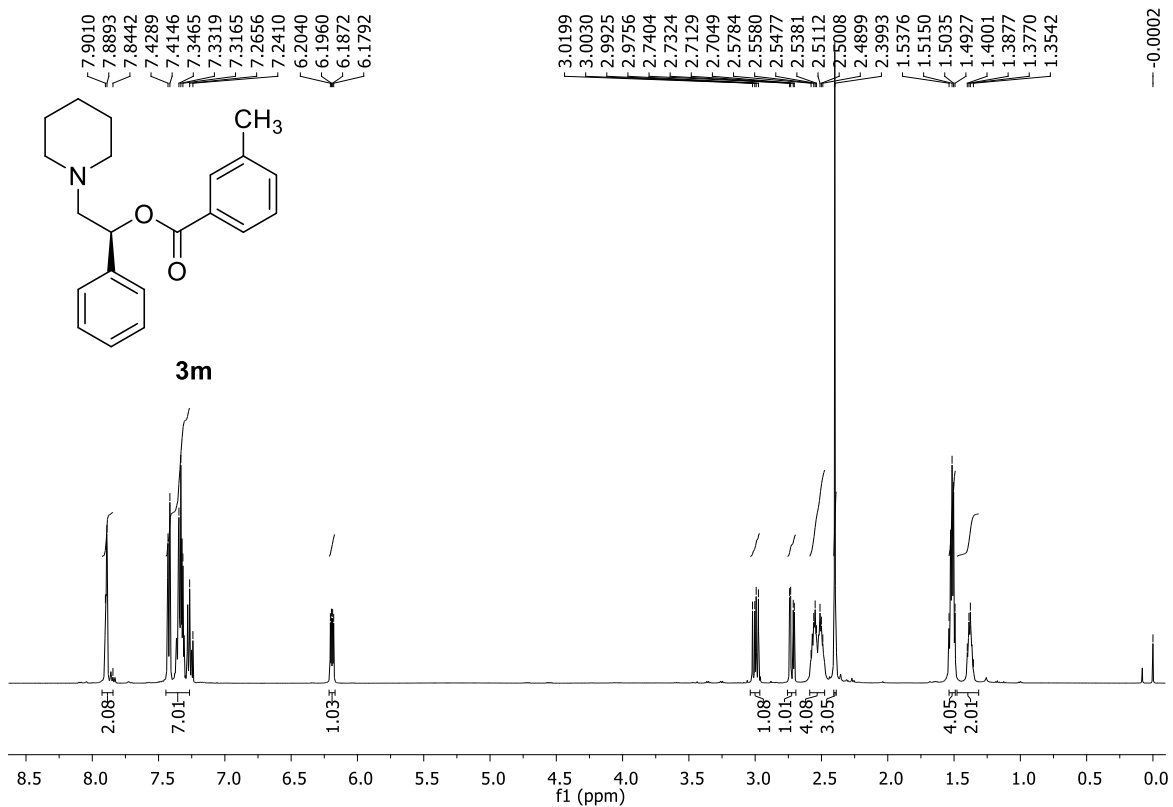
<sup>1</sup>H NMR spectrum (CDCl<sub>3</sub>, 500 MHz) of **3j**

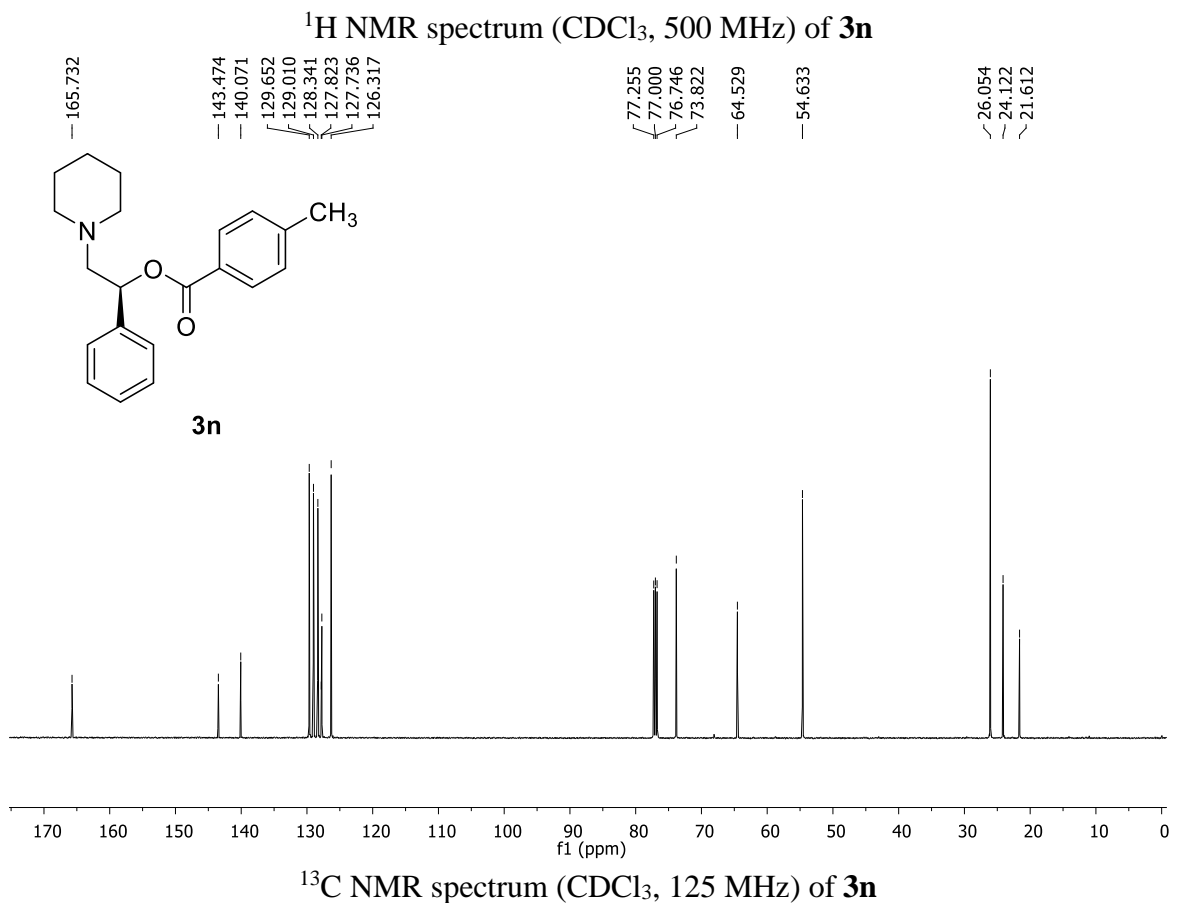
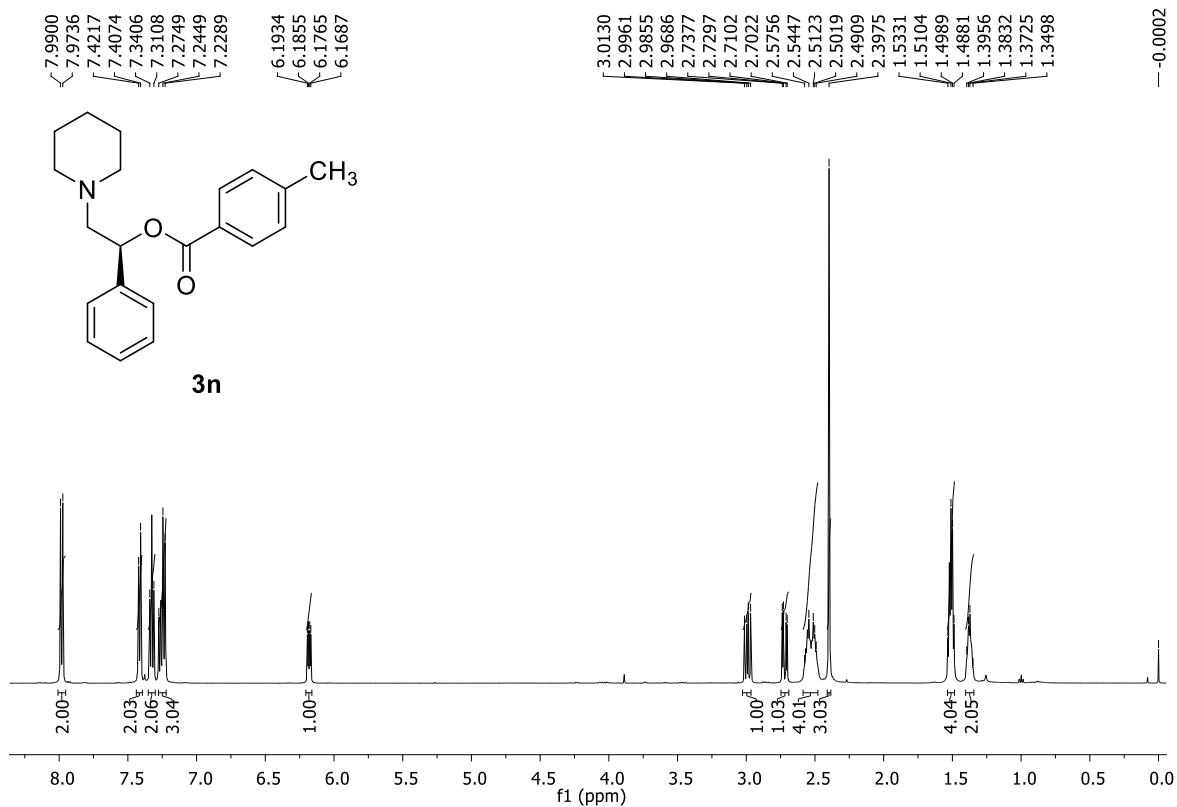


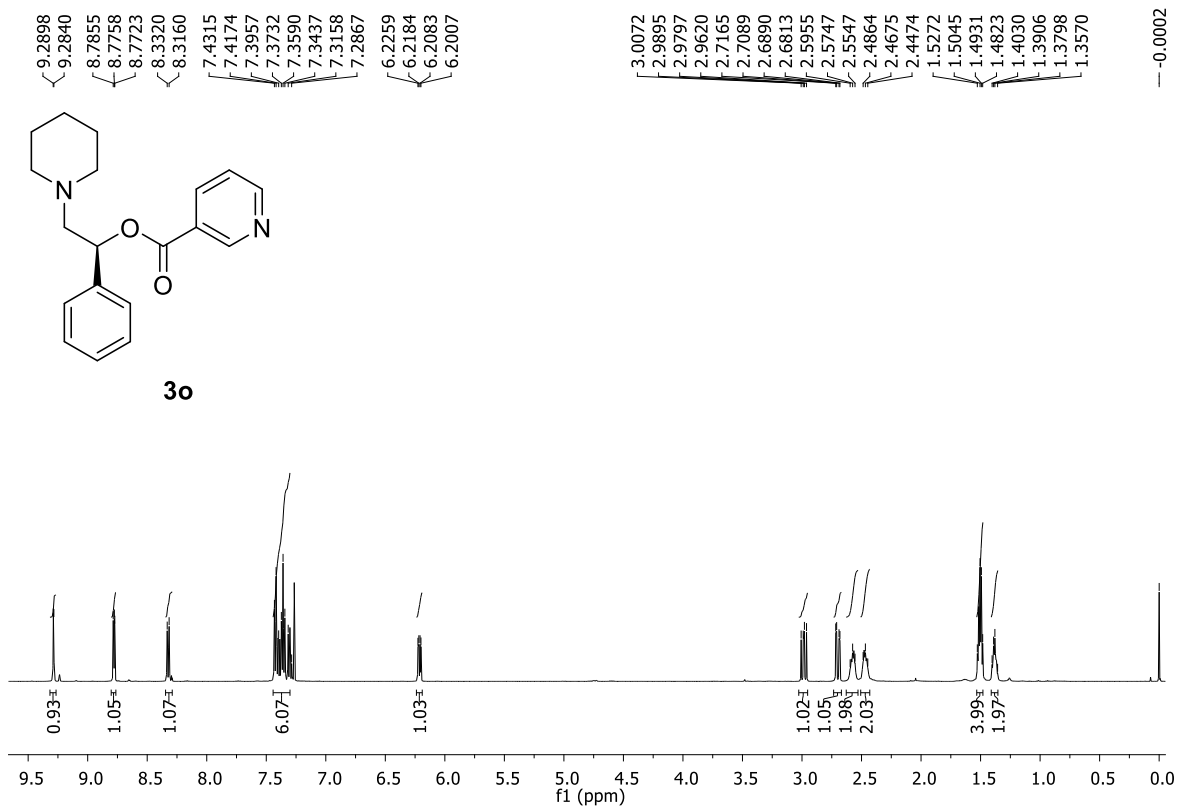
<sup>13</sup>C NMR spectrum (CDCl<sub>3</sub>, 125 MHz) of **3j**



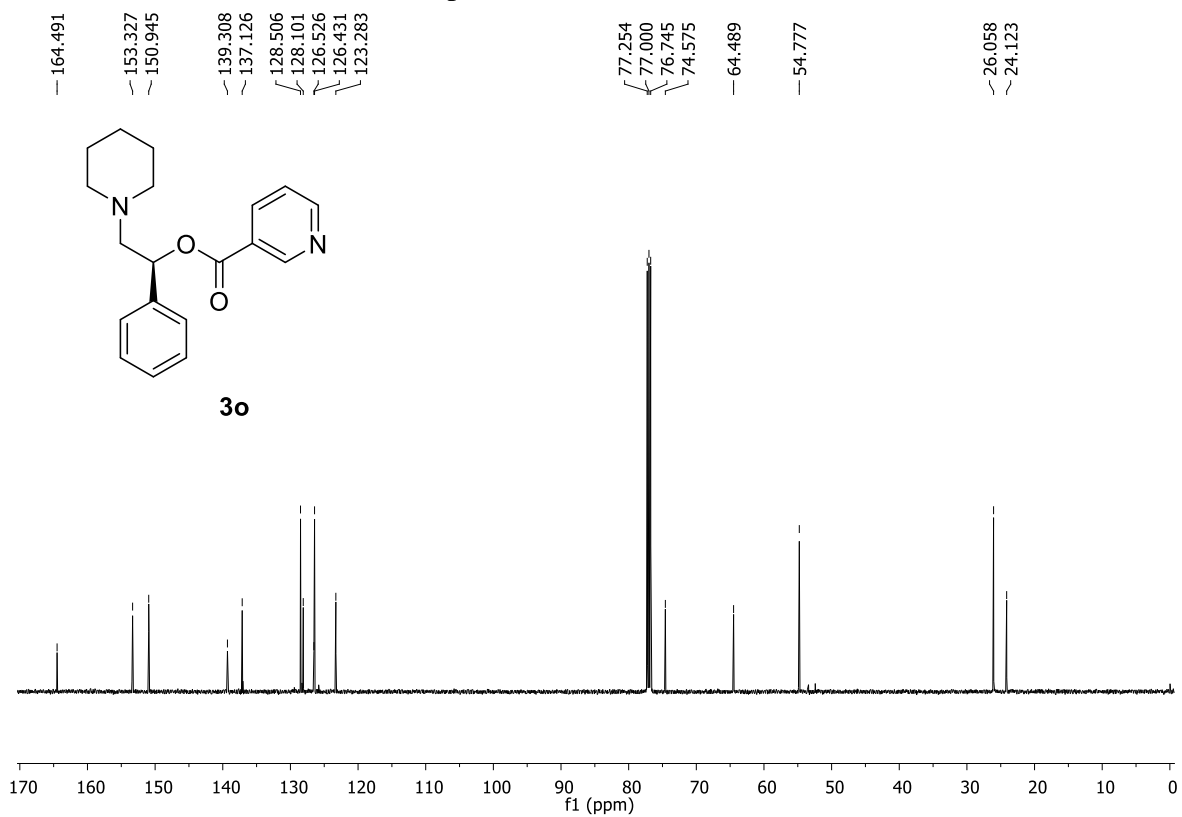




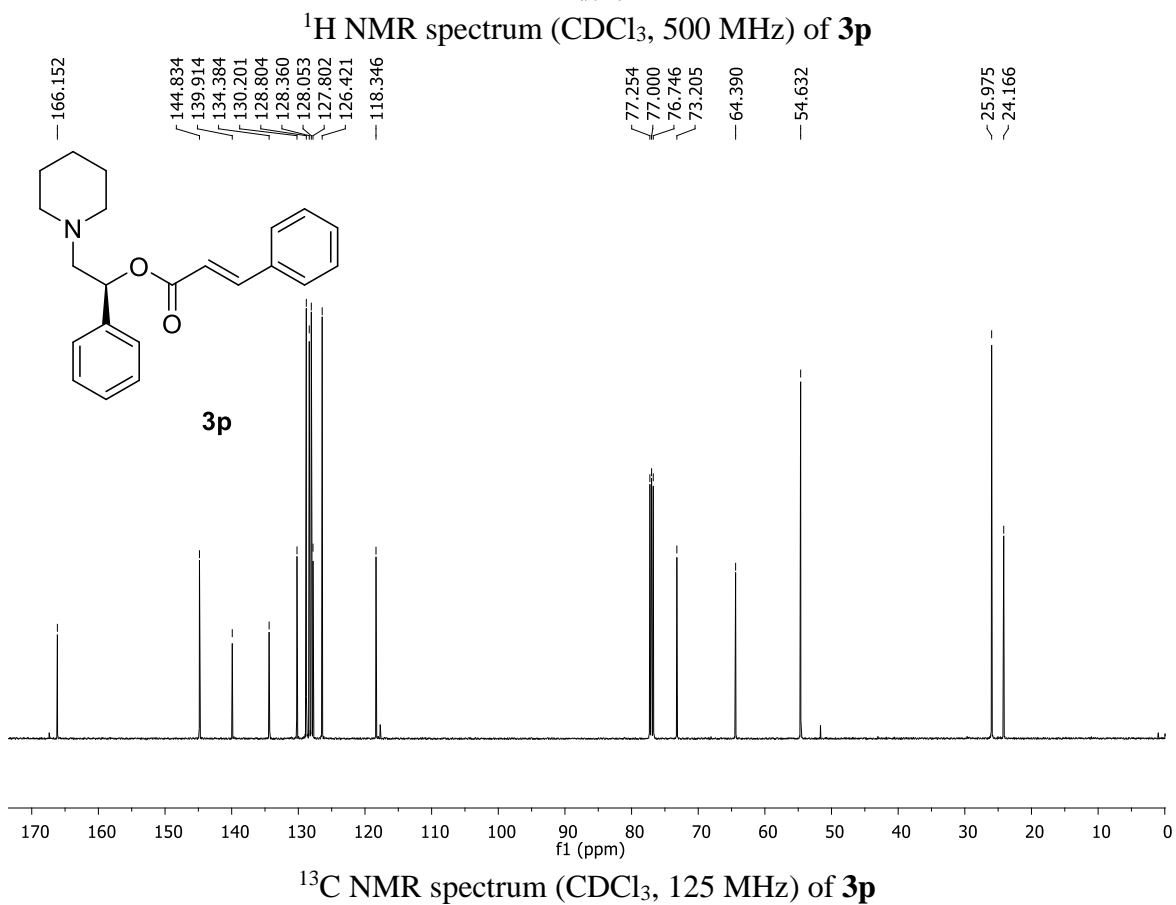
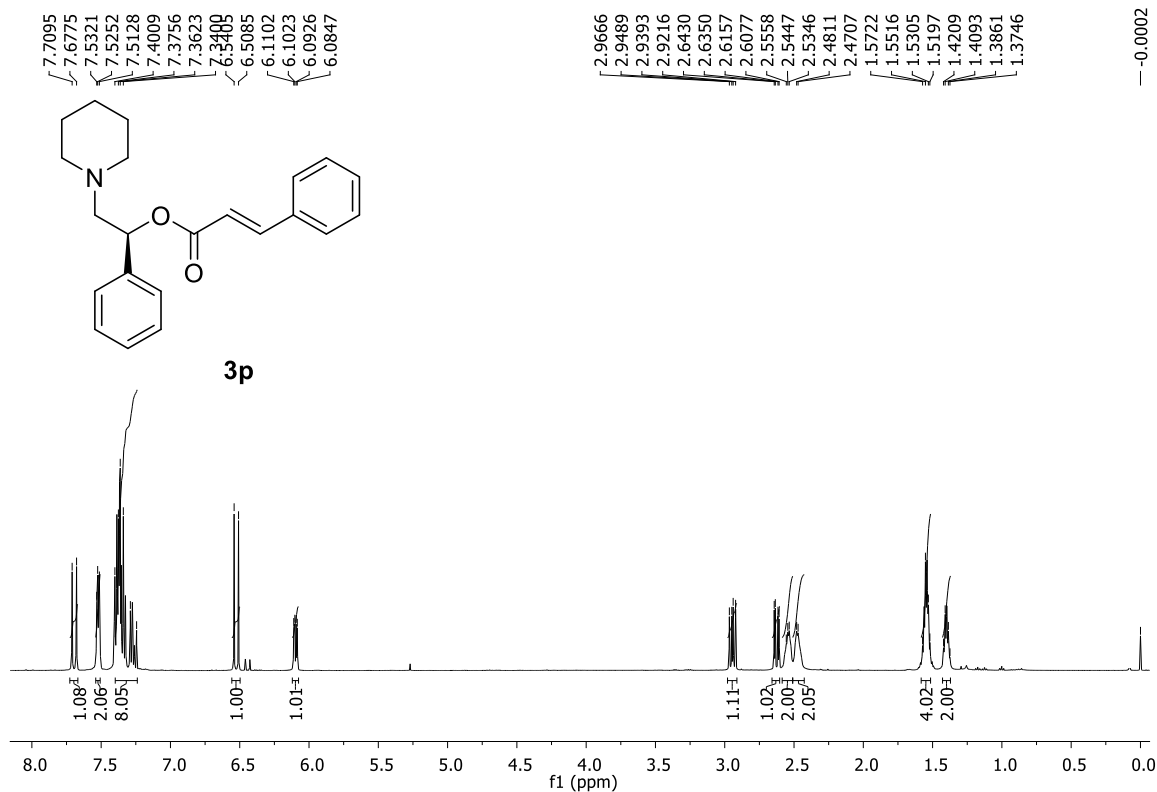


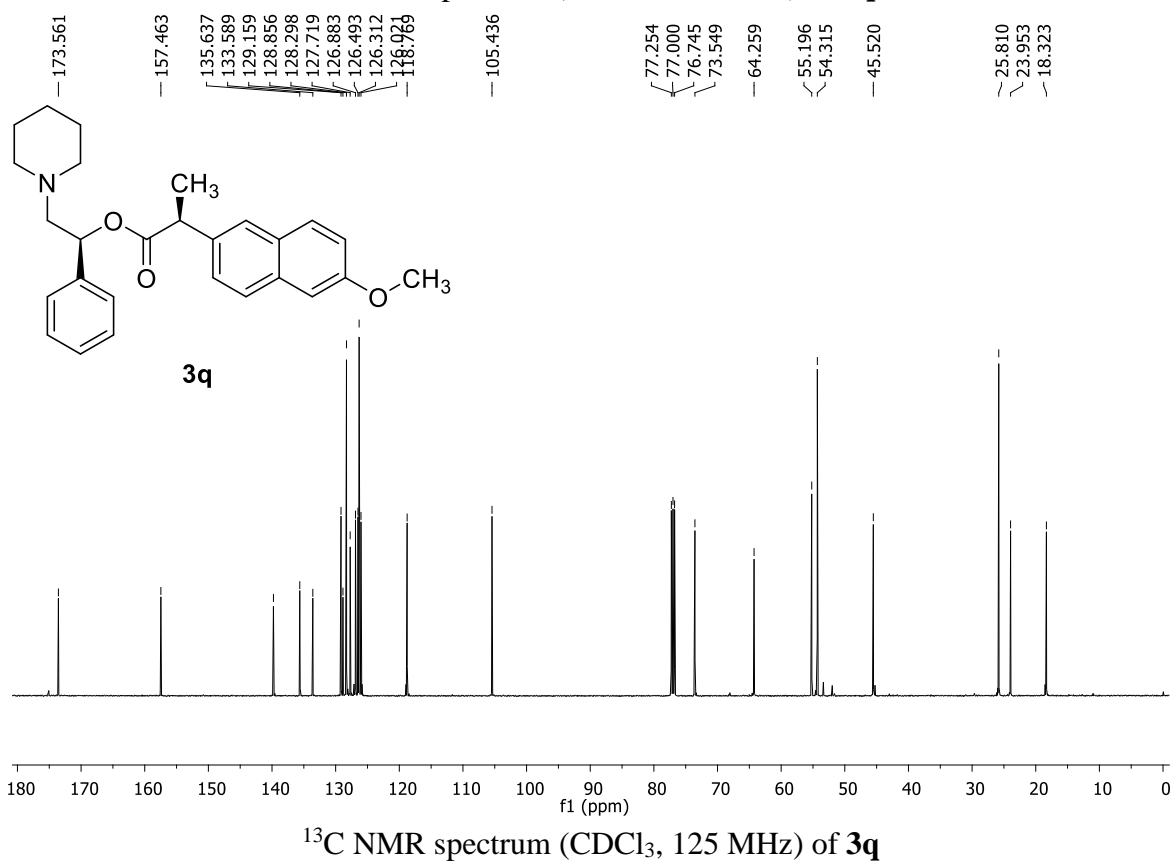
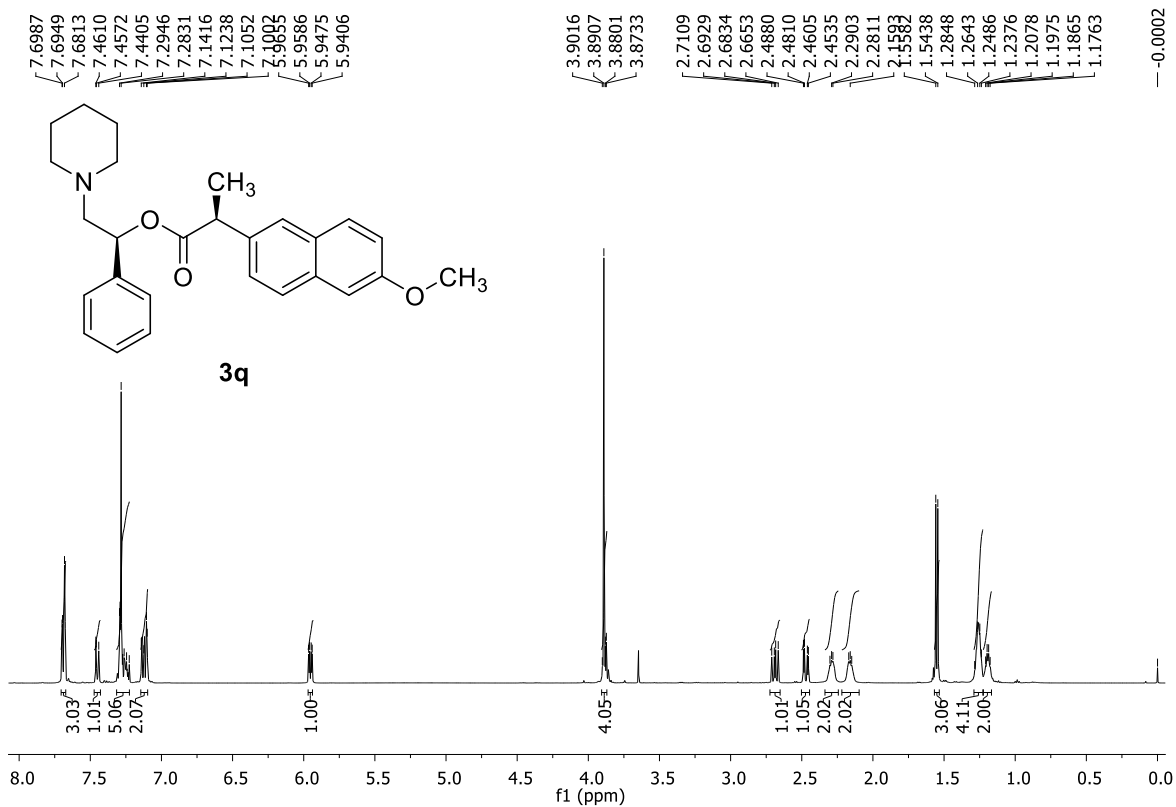


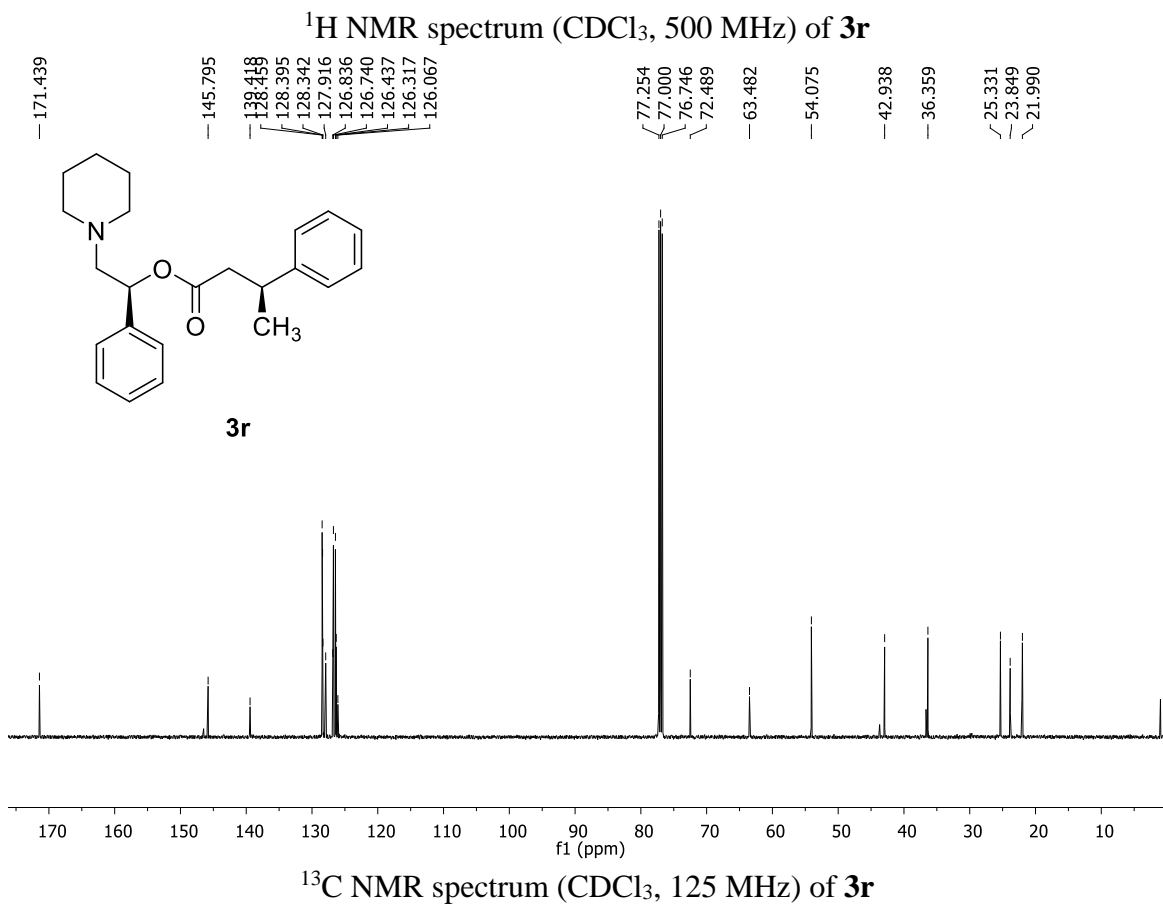
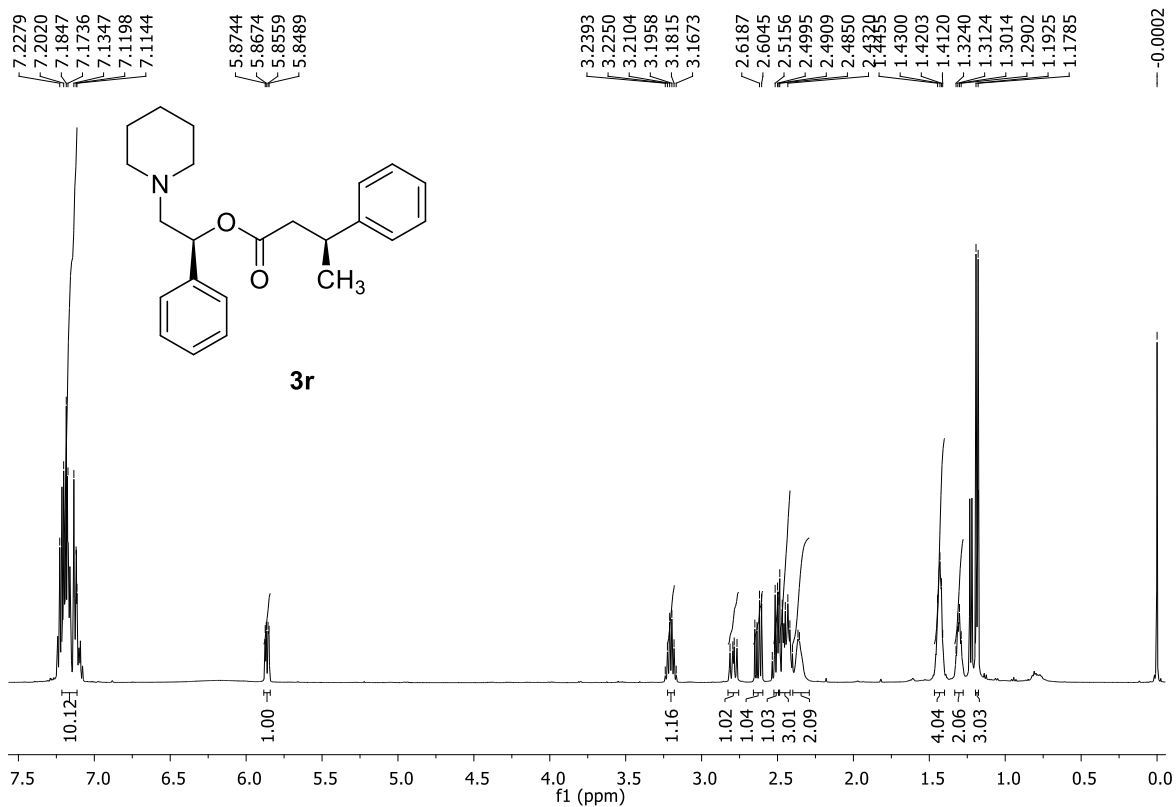
<sup>1</sup>H NMR spectrum (CDCl<sub>3</sub>, 500 MHz) of **3o**

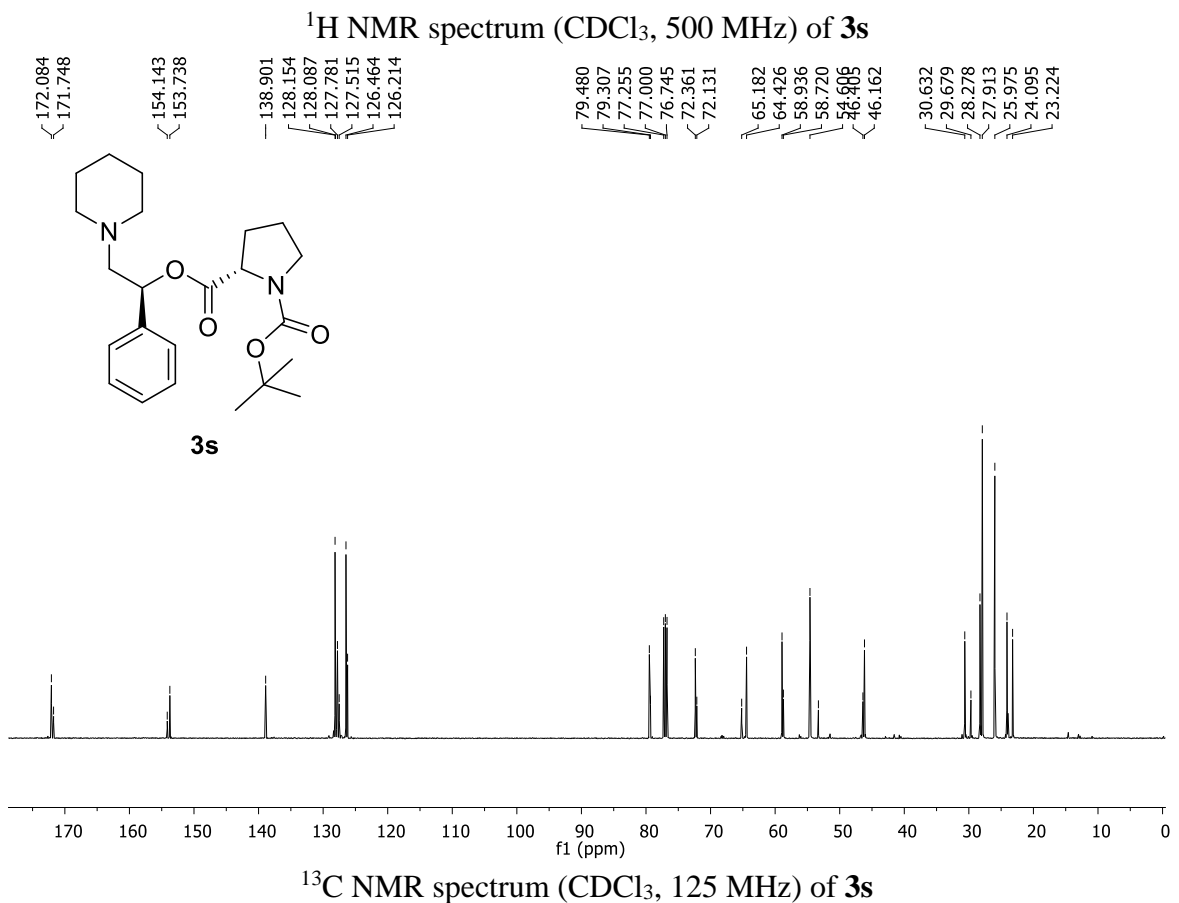
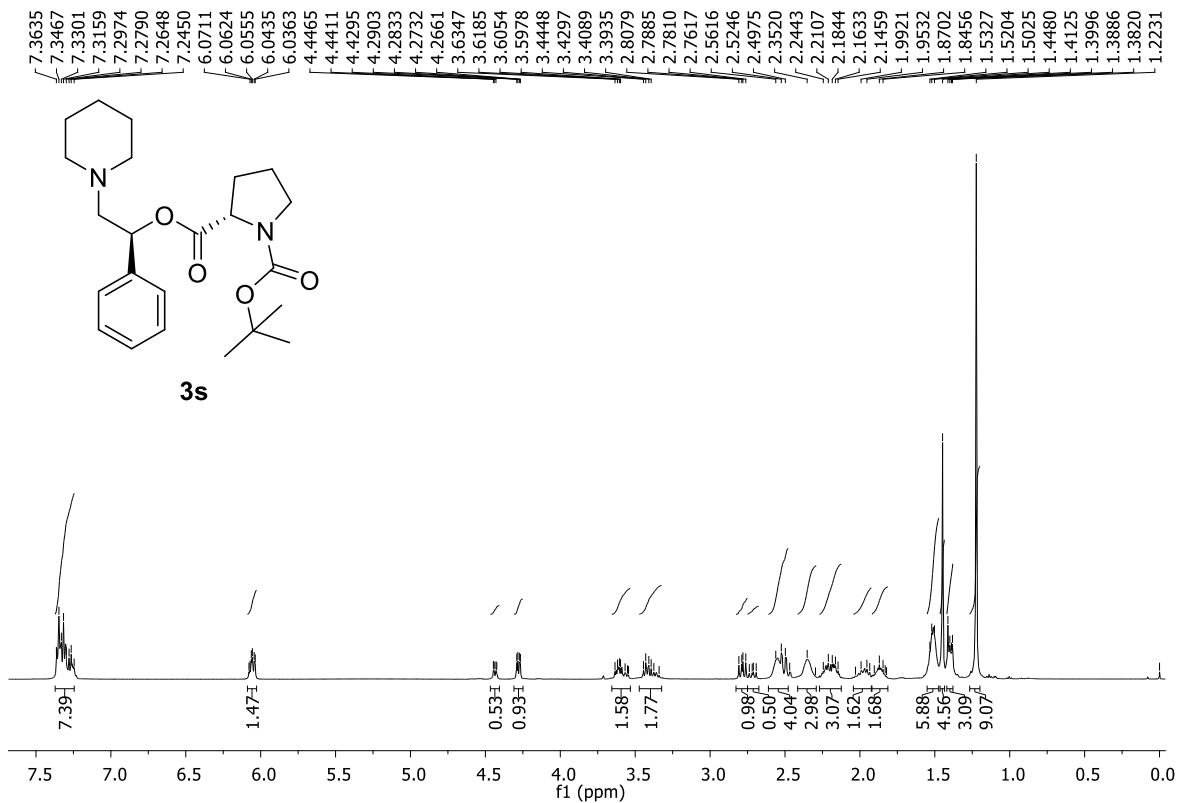


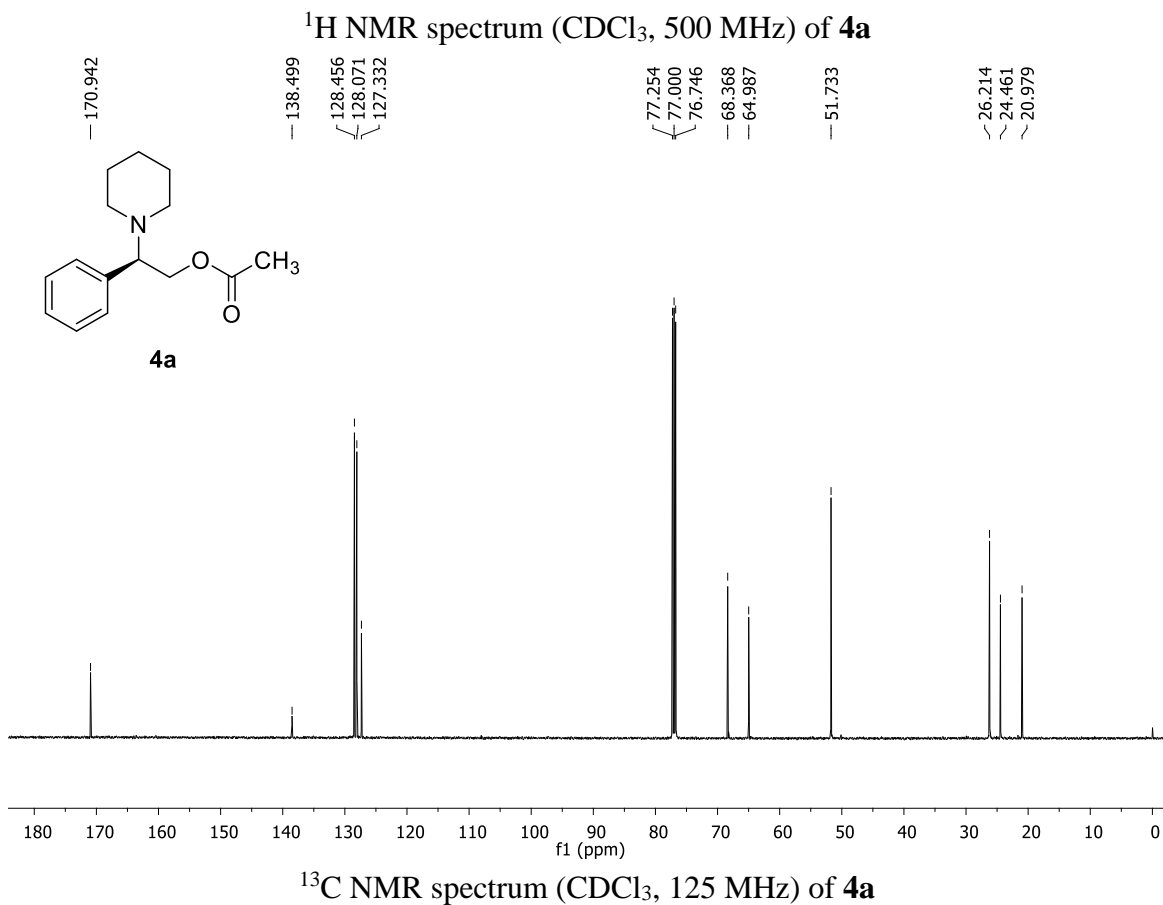
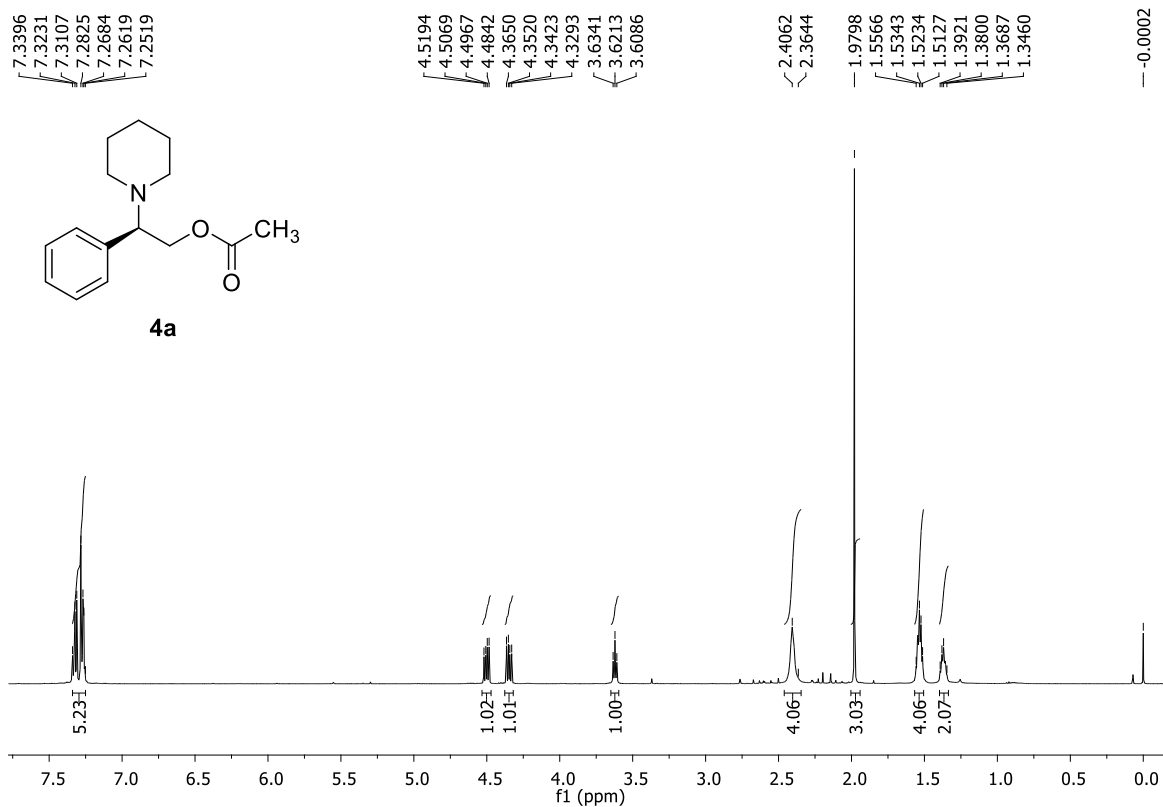
<sup>13</sup>C NMR spectrum (CDCl<sub>3</sub>, 125 MHz) of **3o**

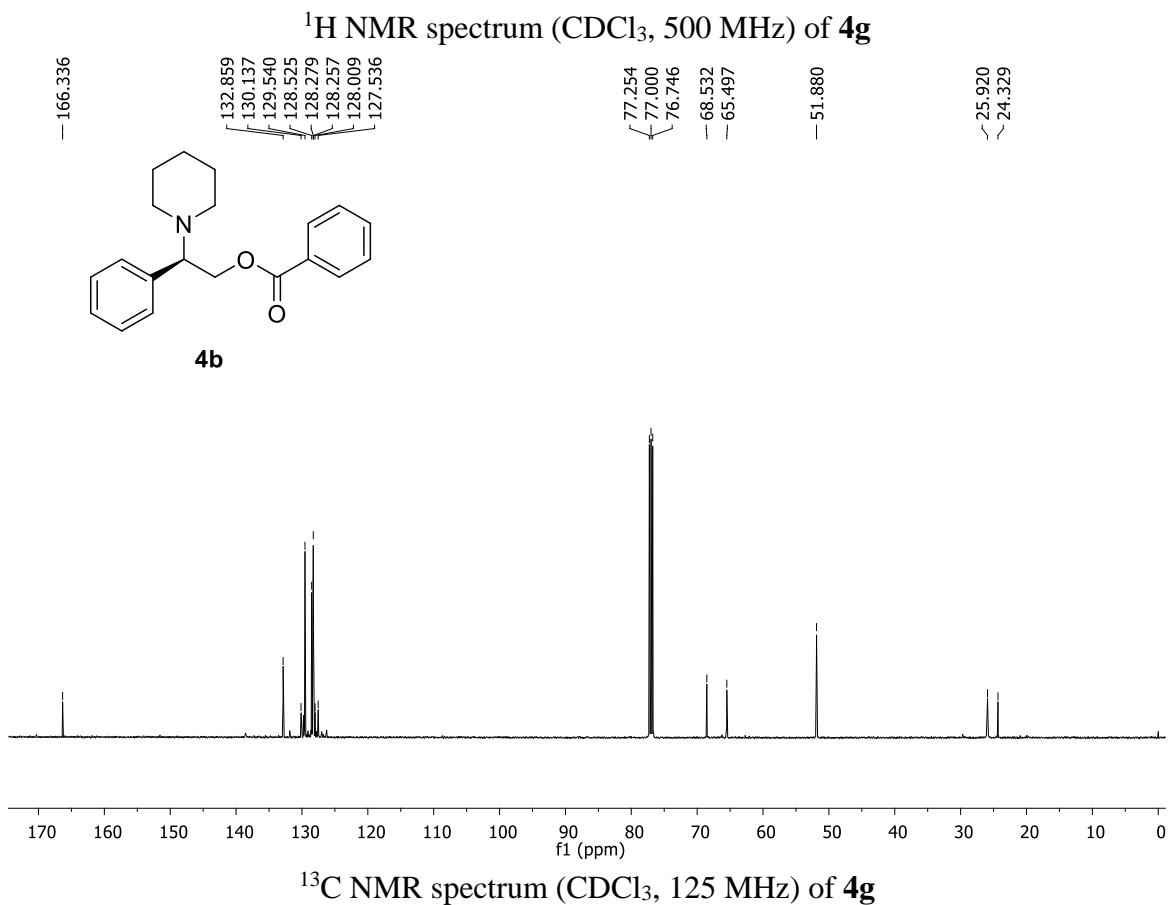
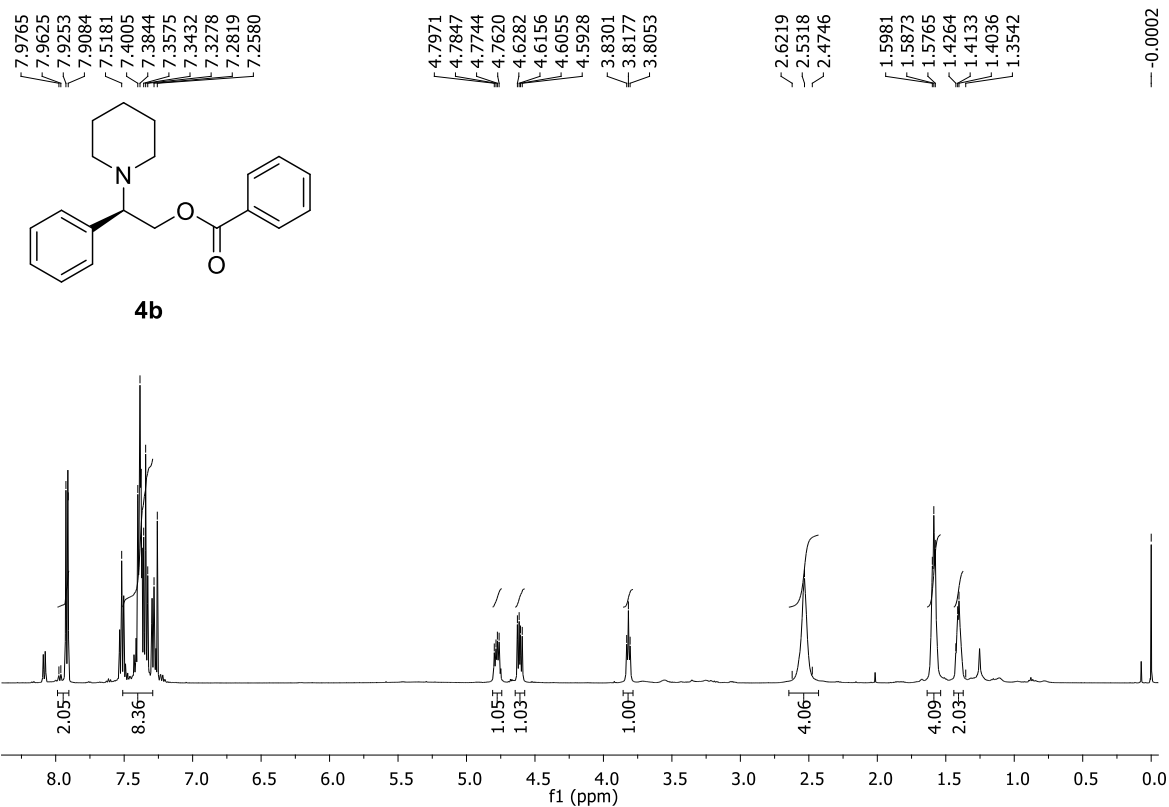


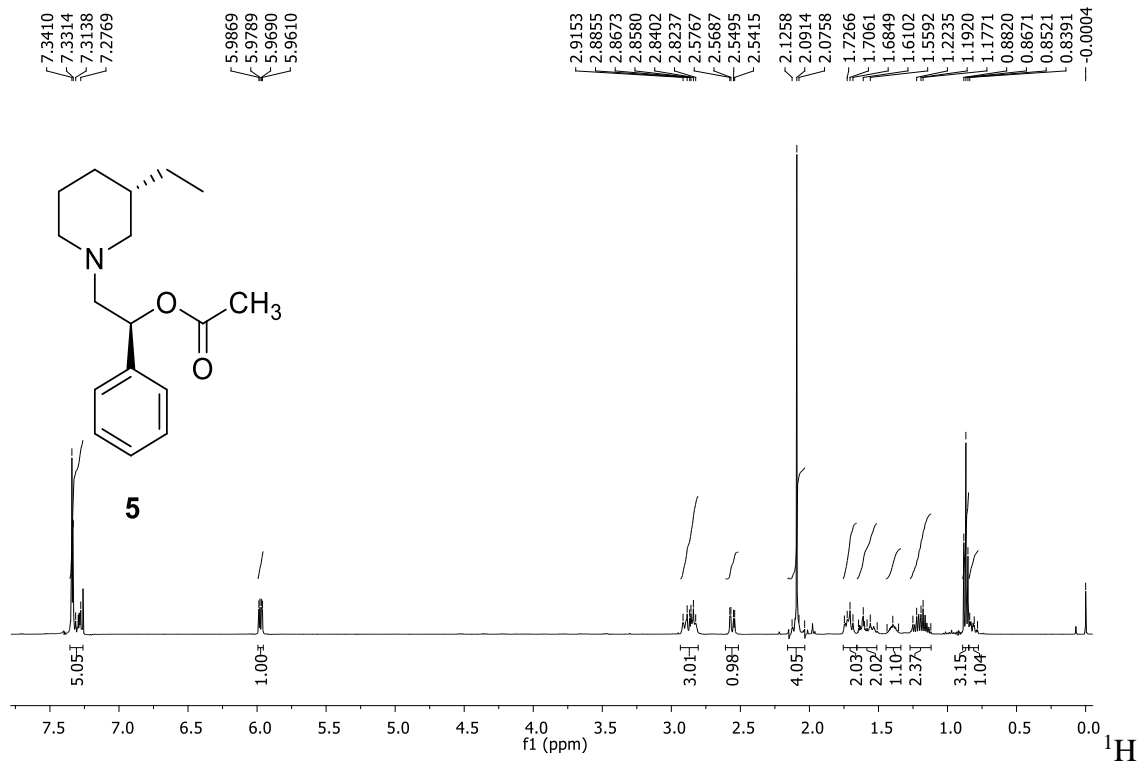




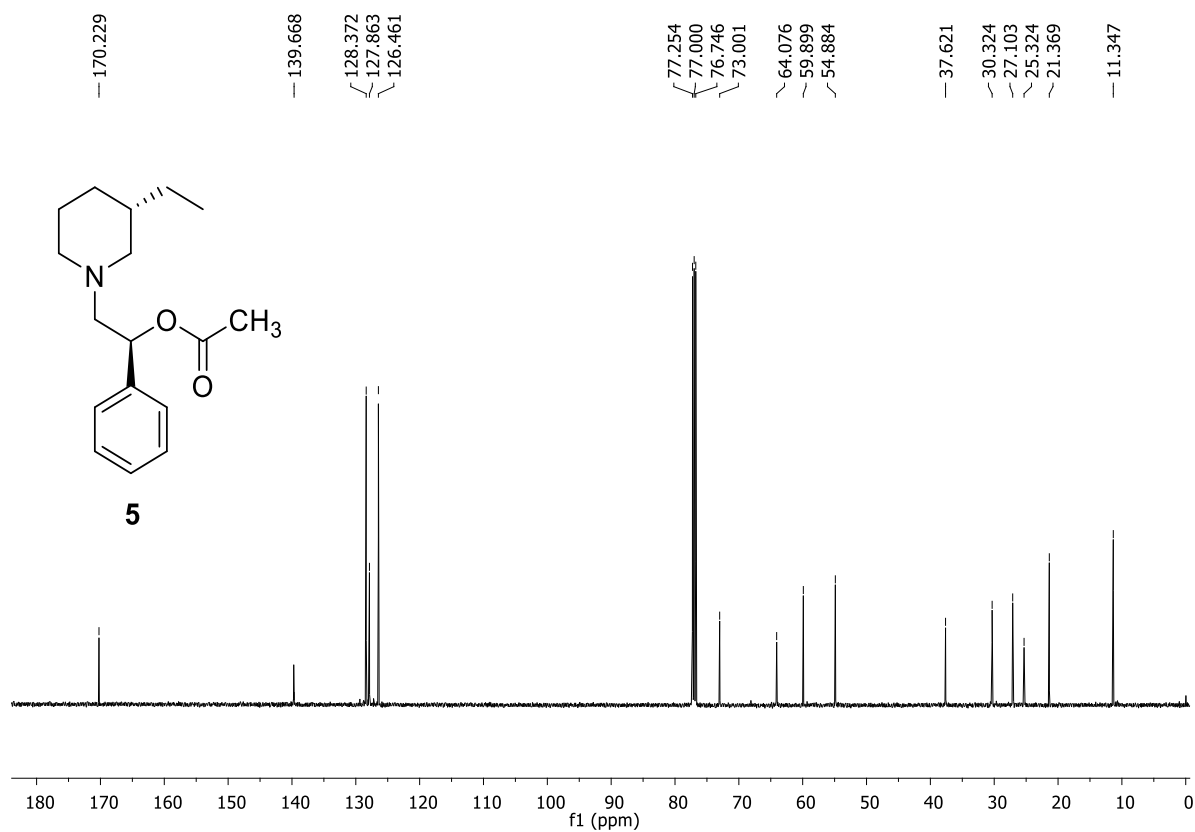




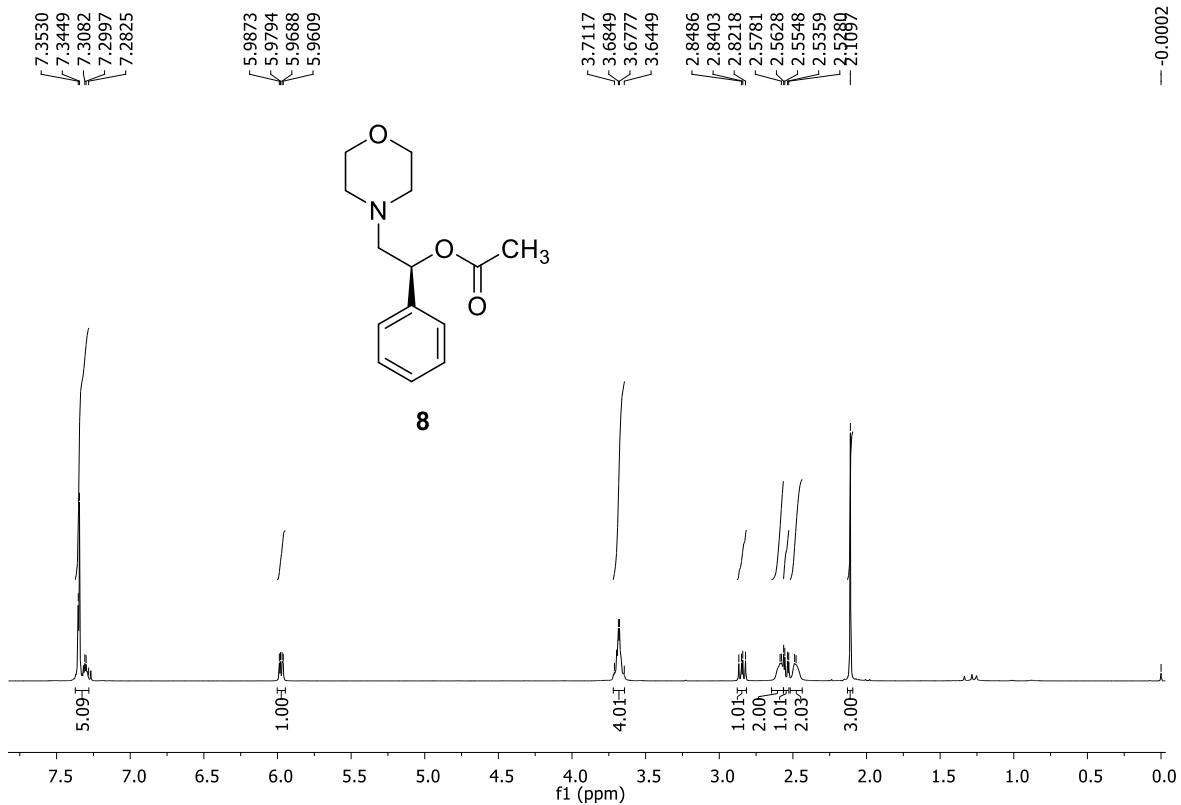




NMR spectrum (CDCl<sub>3</sub>, 500 MHz) of **5**



<sup>13</sup>C NMR spectrum (CDCl<sub>3</sub>, 125 MHz) of **5**



<sup>1</sup>H NMR spectrum (CDCl<sub>3</sub>, 500 MHz) of **8**

