

# ***Supporting Information***

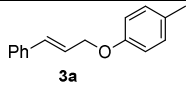
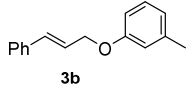
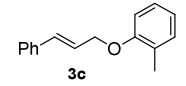
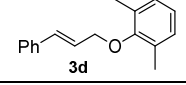
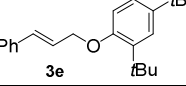
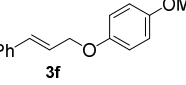
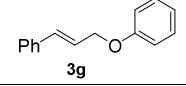
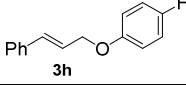
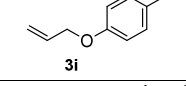
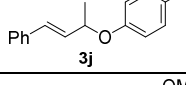
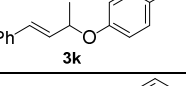
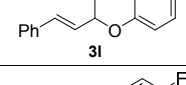
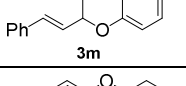
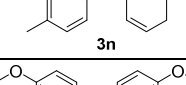
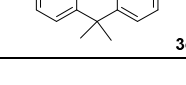
## **Pd-catalyzed substitution of the OH group of non-derivatized allylic alcohols by phenols**

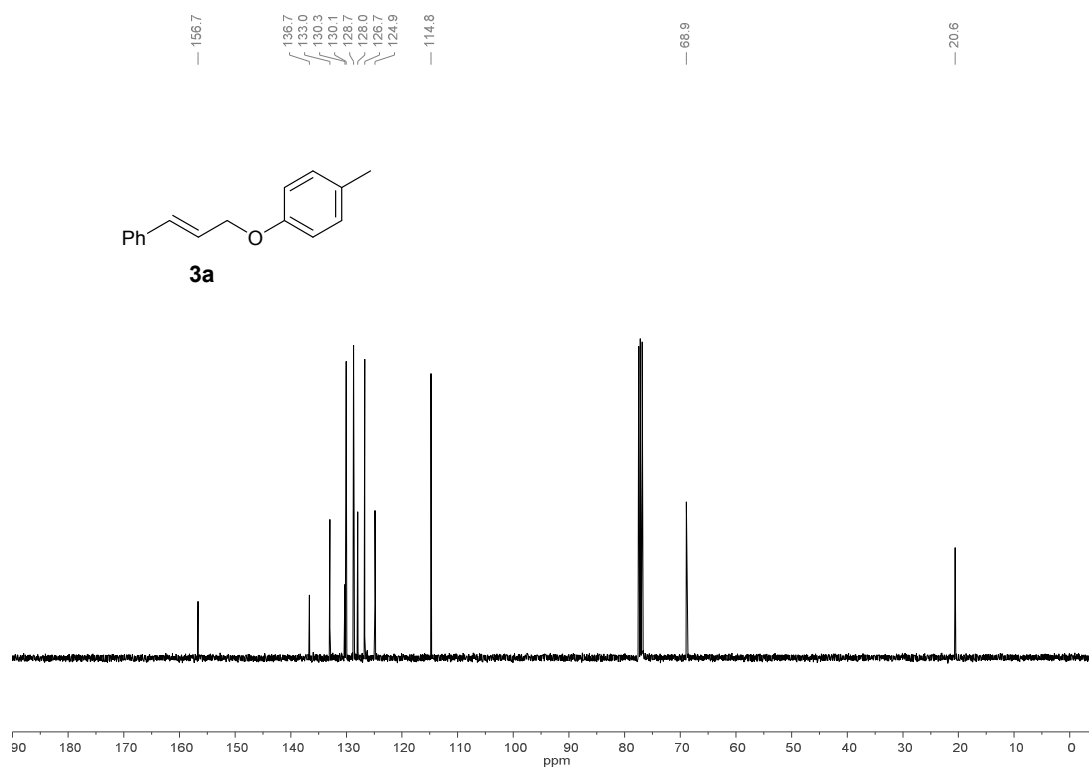
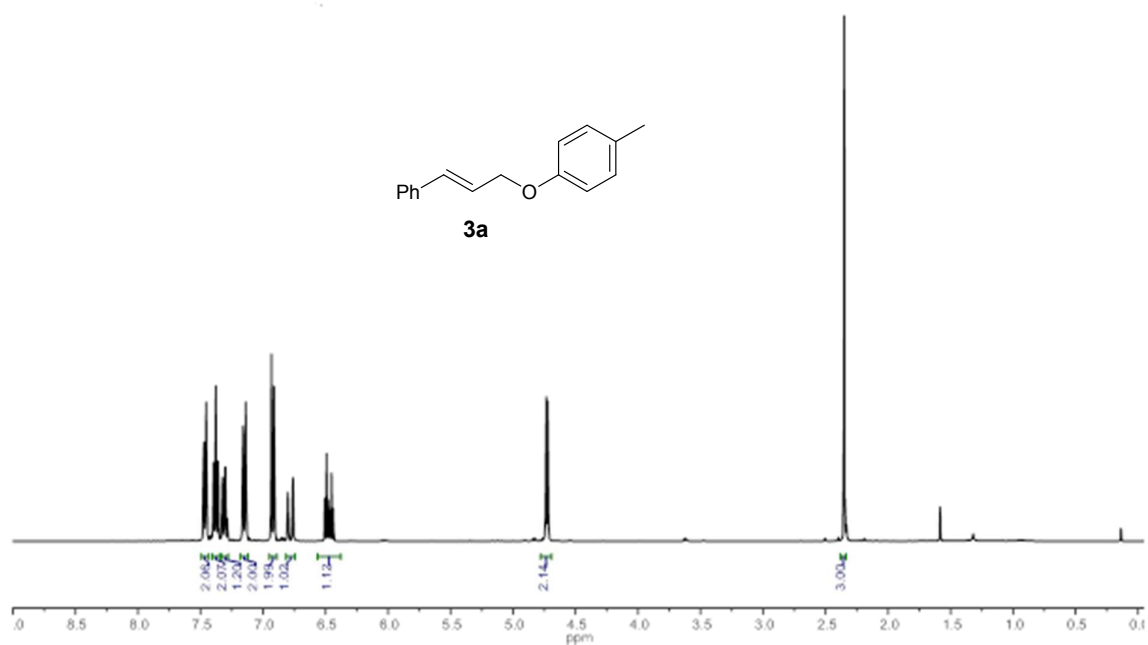
Thanya Rukkijakan, Sunisa Akkarasamiyo, Supaporn Sawadjoon, and Joseph S. M. Samec\*

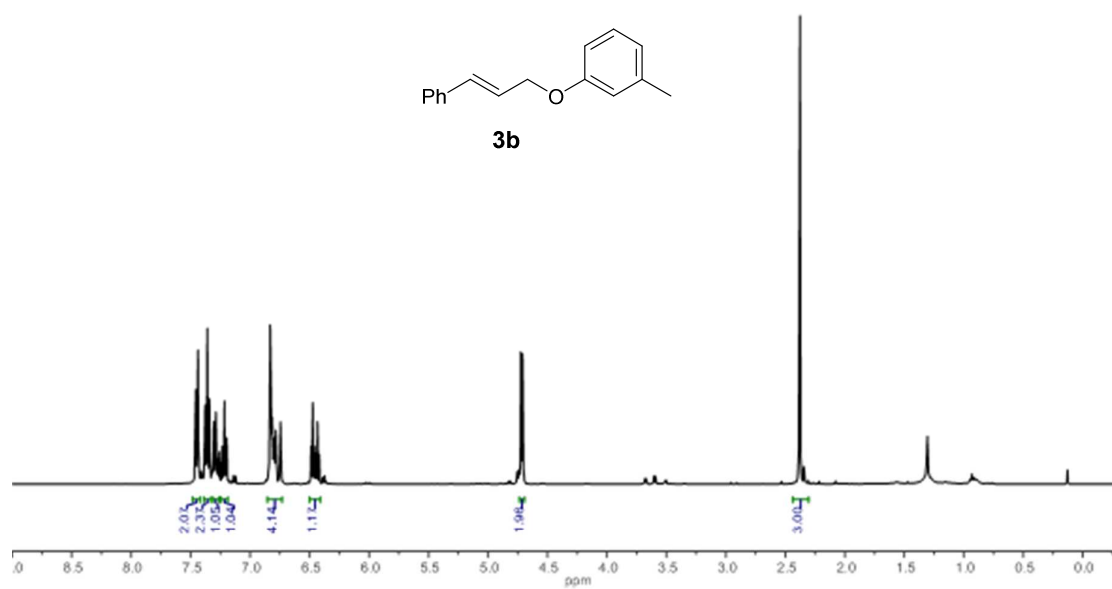
*Address: Department of Organic Chemistry, Stockholm University, 106 91, Stockholm,  
(Sweden)*

*E-mail: joseph.samec@su.se*

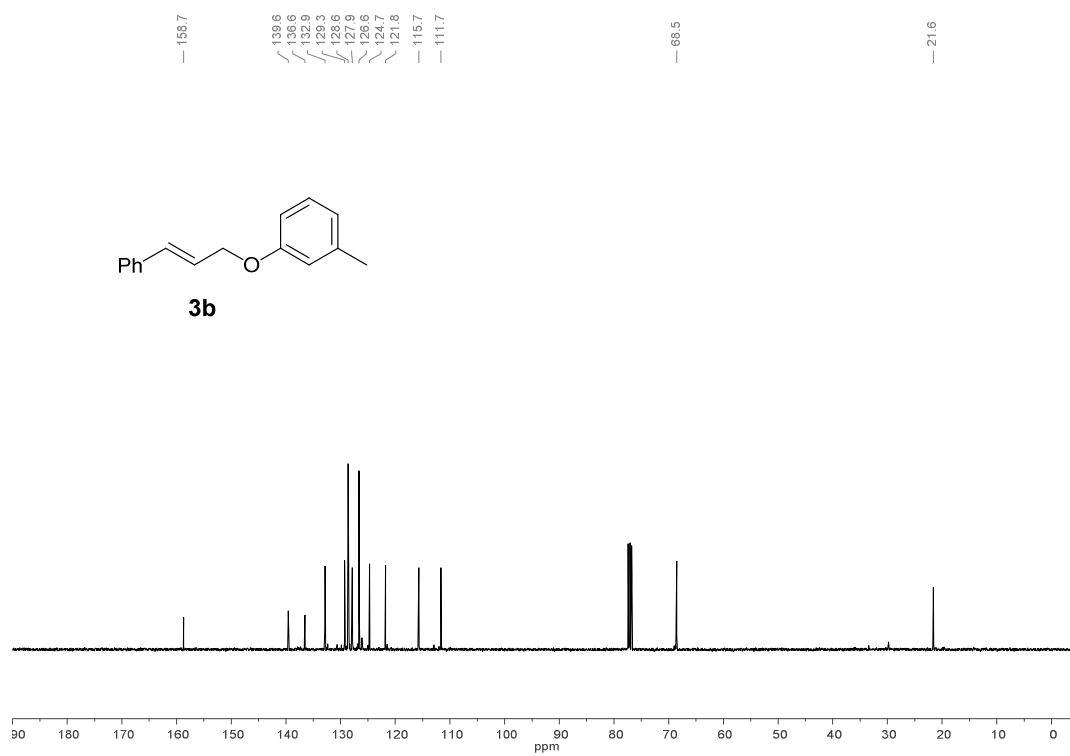
# Checklist of characterization data of all compounds

Compounds	Known/ New compound	<sup>1</sup> H-NMR	<sup>13</sup> C-NMR	IR	HRMS
 3a	Known	√	√	√	√
 3b	Known	√	√	√	√
 3c	Known	√	√	√	√
 3d	Known	√	√	√	√
 3e	Known	√	√	√	√
 3f	Known	√	√	√	√
 3g	Known	√	√	√	√
 3h	Known	√	√	√	√
 3i	Known	√	√	√	√
 3j	Known	√	√	√	√
 3k	Known	√	√	√	√
 3l	Known	√	√	√	√
 3m	New	√	√	√	√
 3n	Known	√	√	√	√
 3o	Known	√	√	√	√

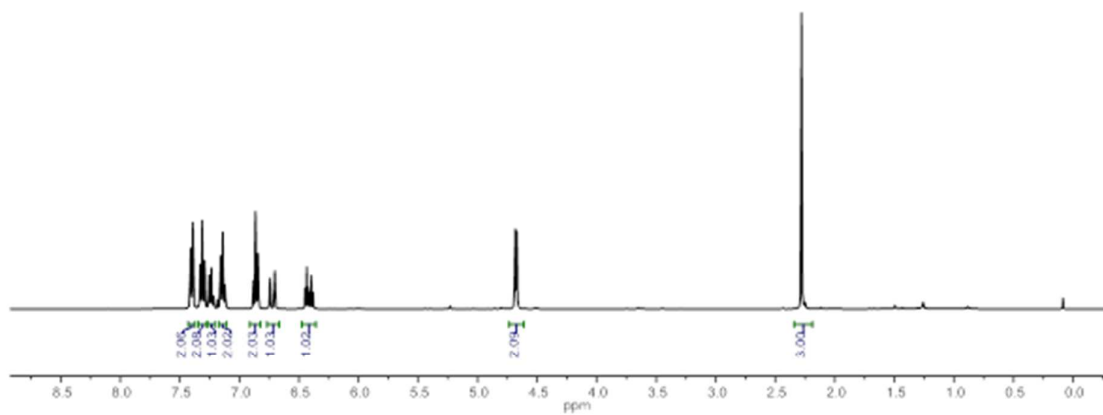
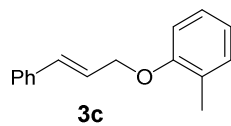




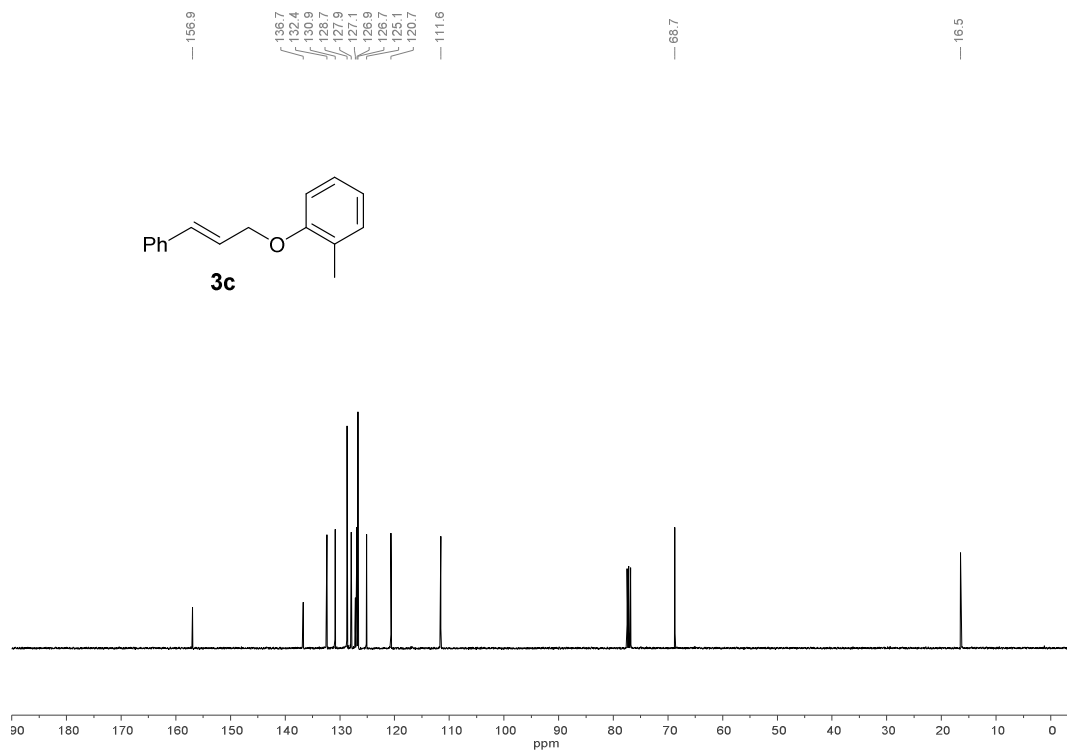
$^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ ) of compound **3b**



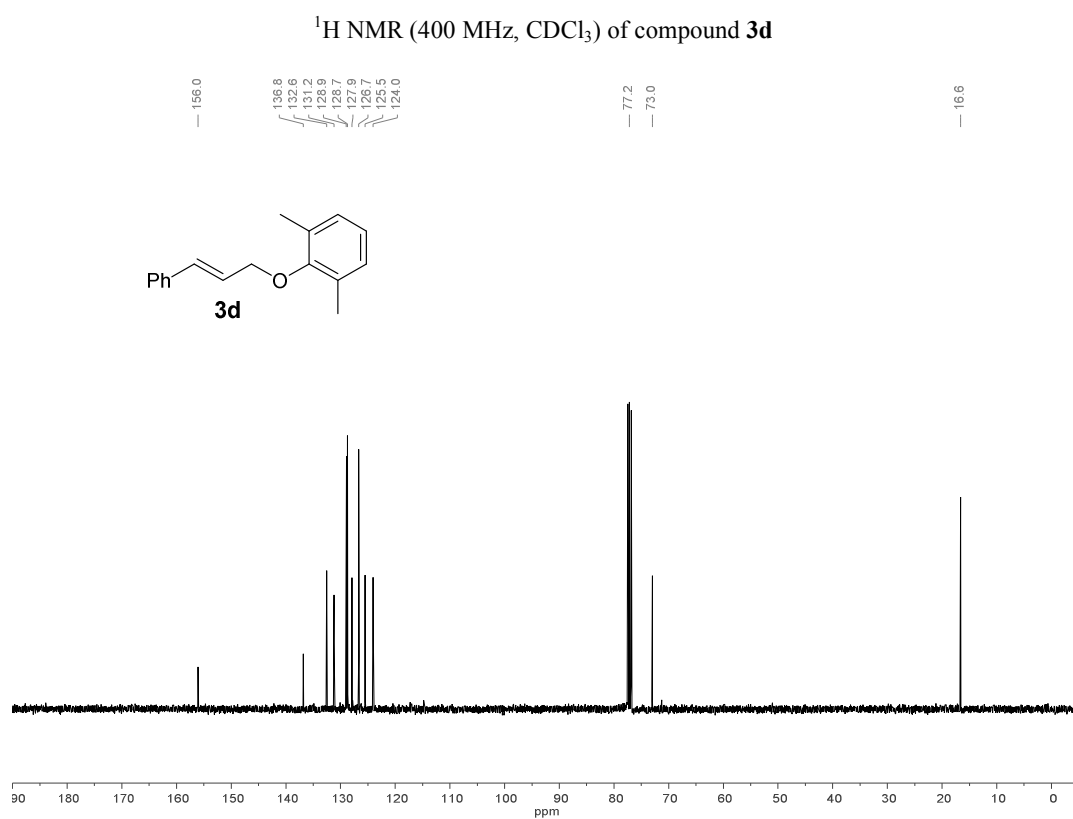
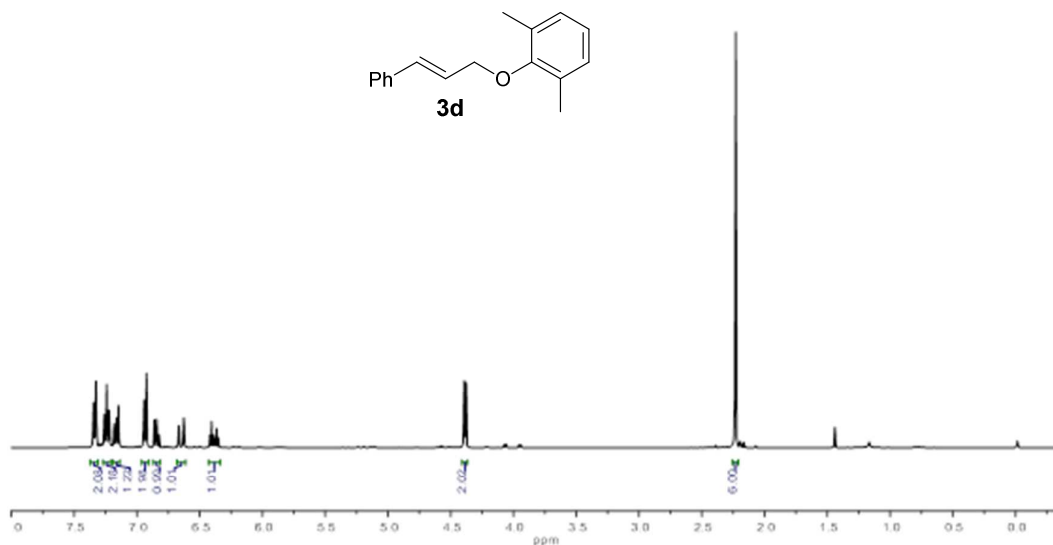
$^{13}\text{C}$  NMR (100 MHz,  $\text{CDCl}_3$ ) of compound **3b**

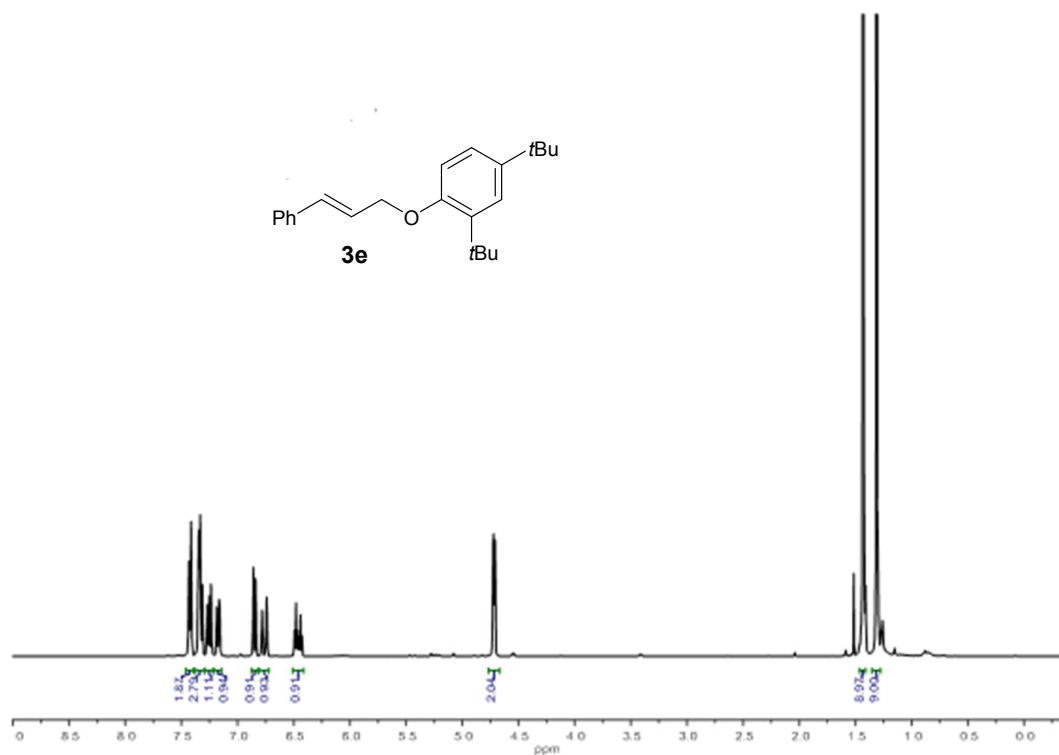


<sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) of compound **3c**

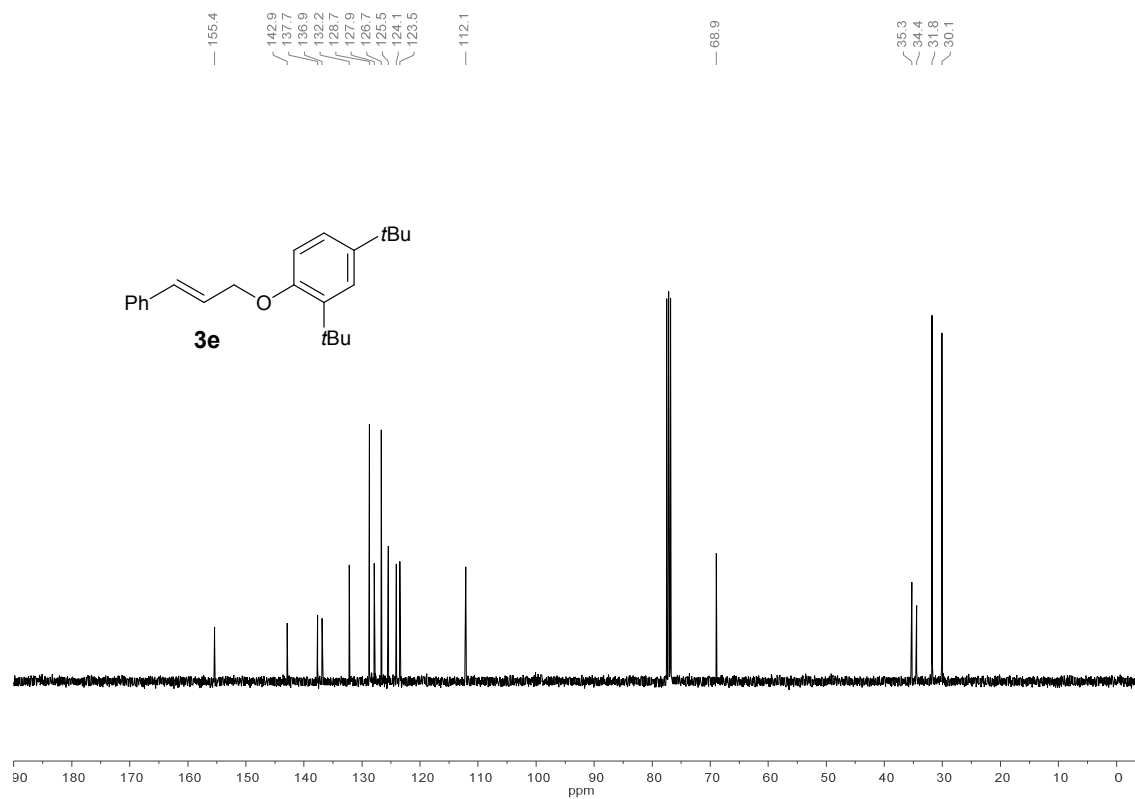


<sup>13</sup>C NMR (100 MHz, CDCl<sub>3</sub>) of compound **3c**

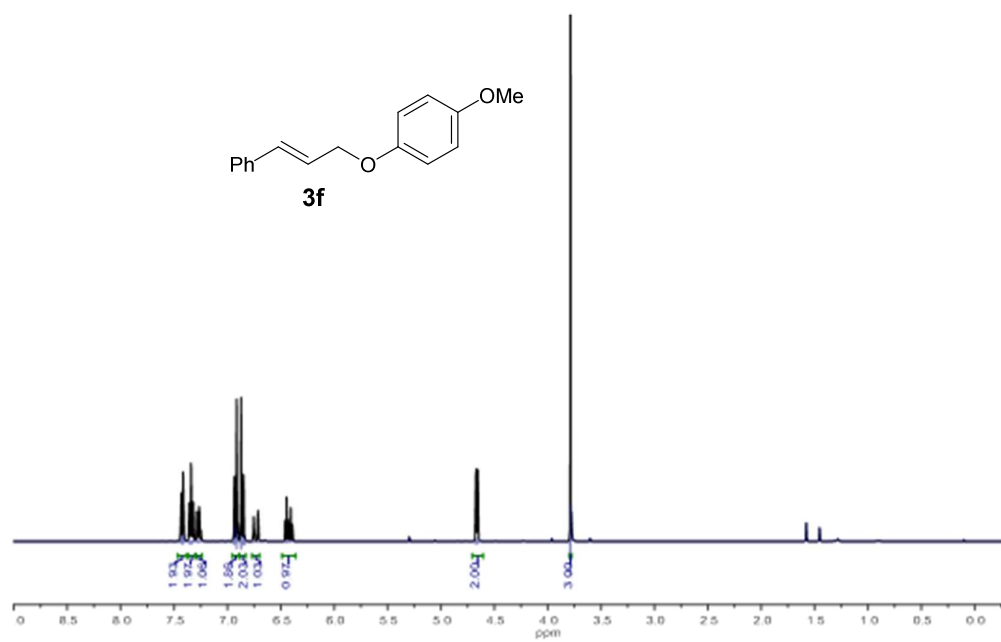




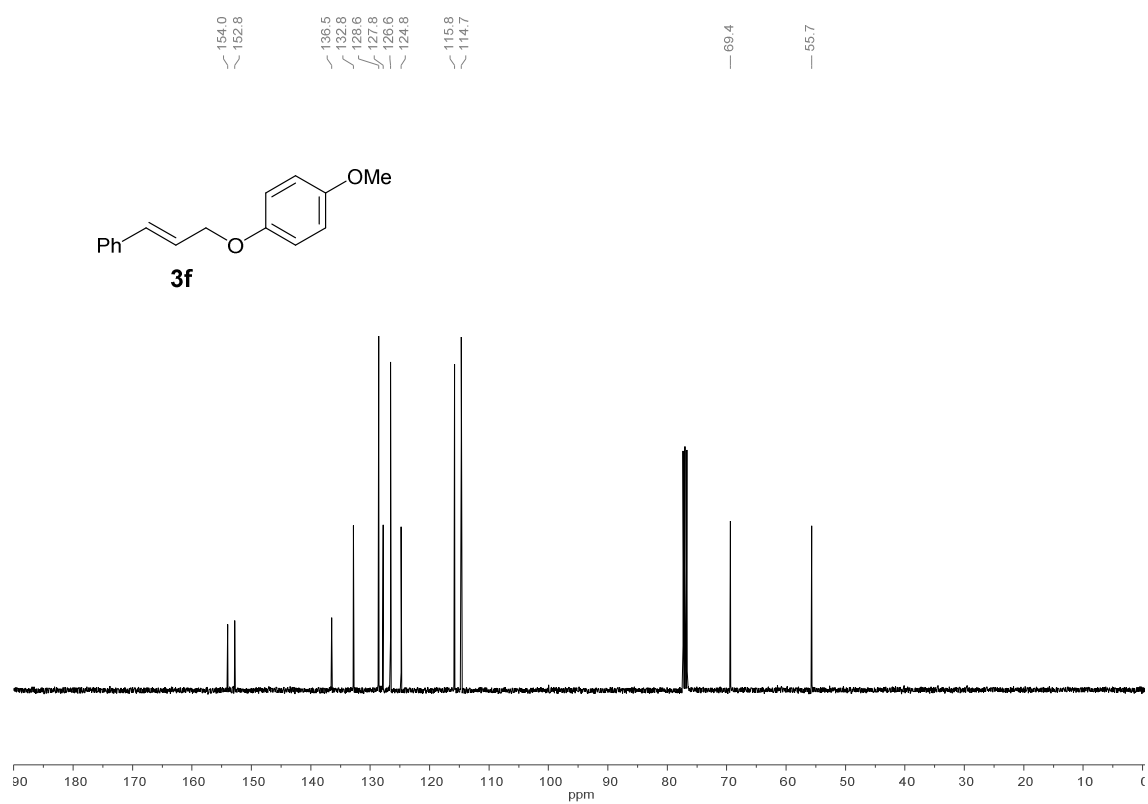
<sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) of compound **3e**



<sup>13</sup>C NMR (100 MHz, CDCl<sub>3</sub>) of compound **3e**

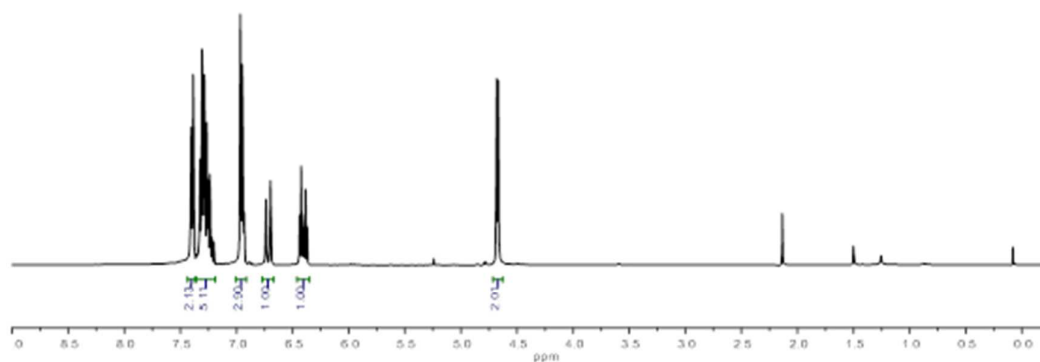
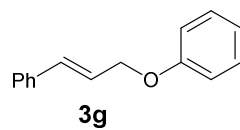


<sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) of compound **3f**

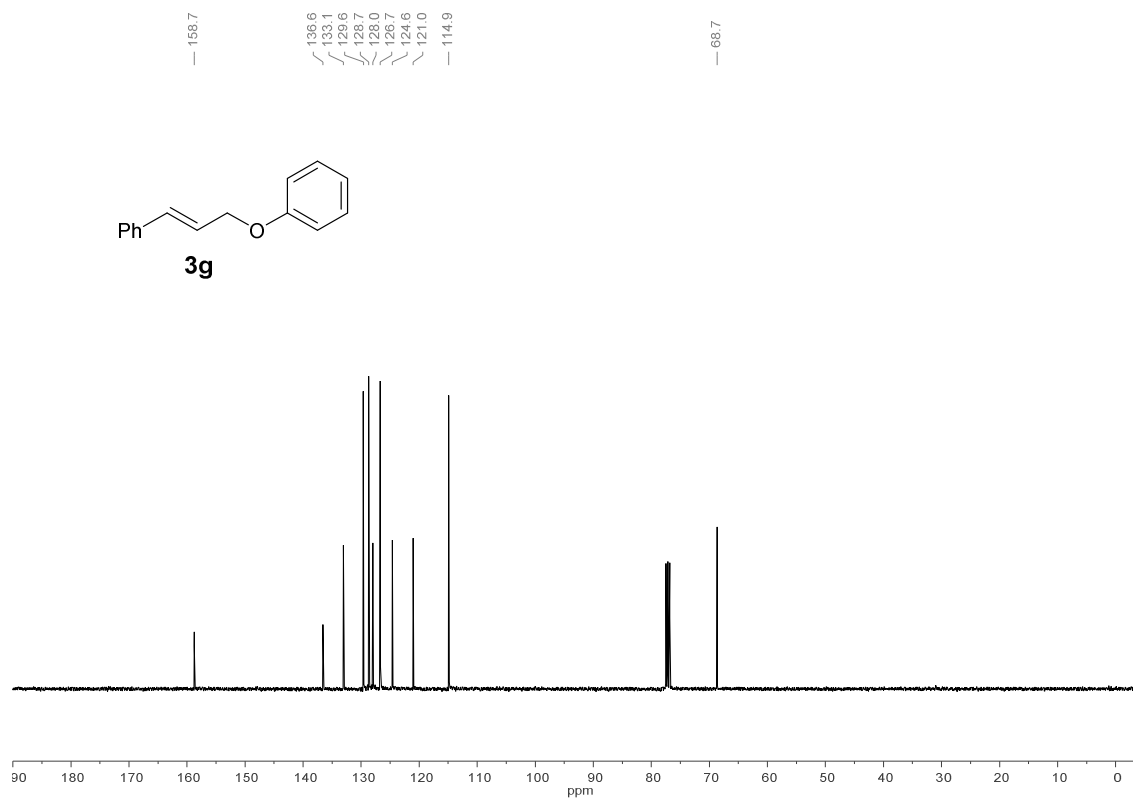
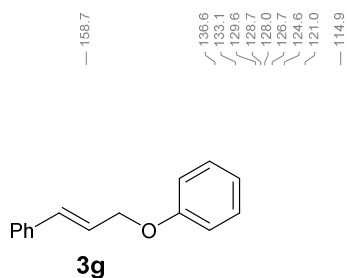


<sup>13</sup>C NMR (100 MHz, CDCl<sub>3</sub>) of compound **3f**

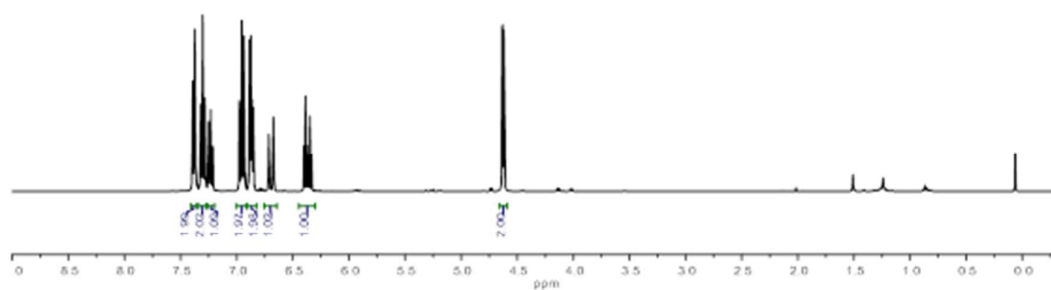
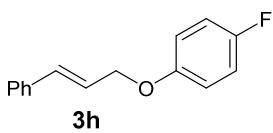




<sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) of compound **3g**



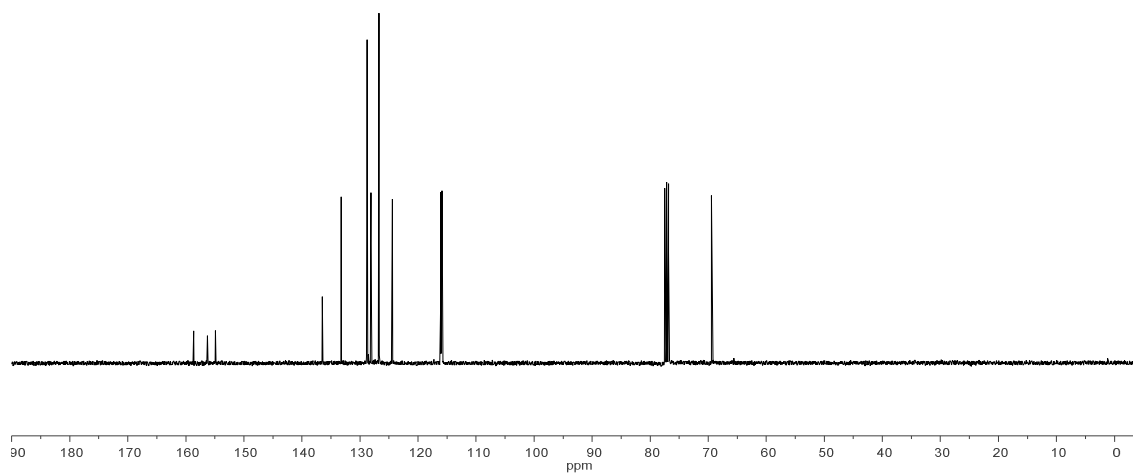
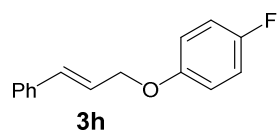
<sup>13</sup>C NMR (100 MHz, CDCl<sub>3</sub>) of compound **3g**



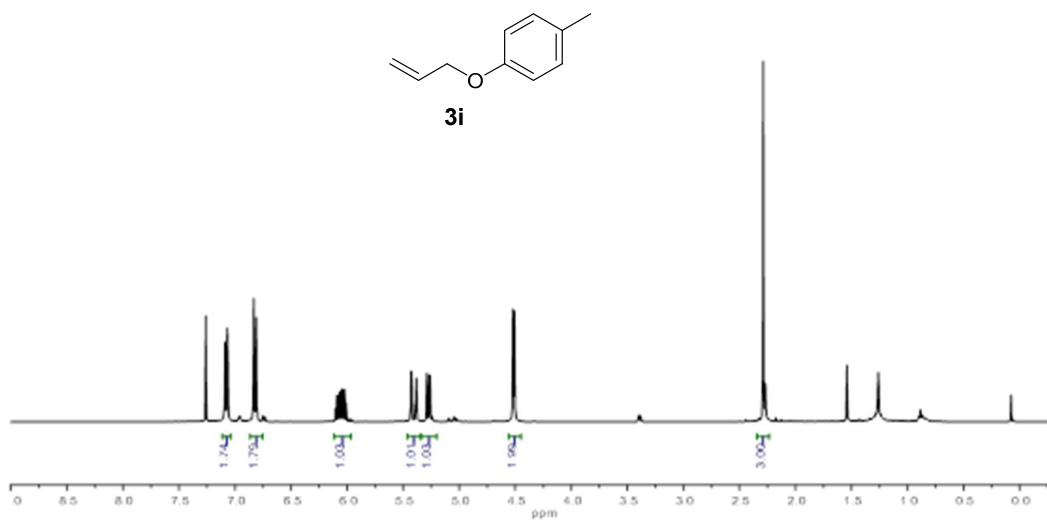
$^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ ) of compound **3h**



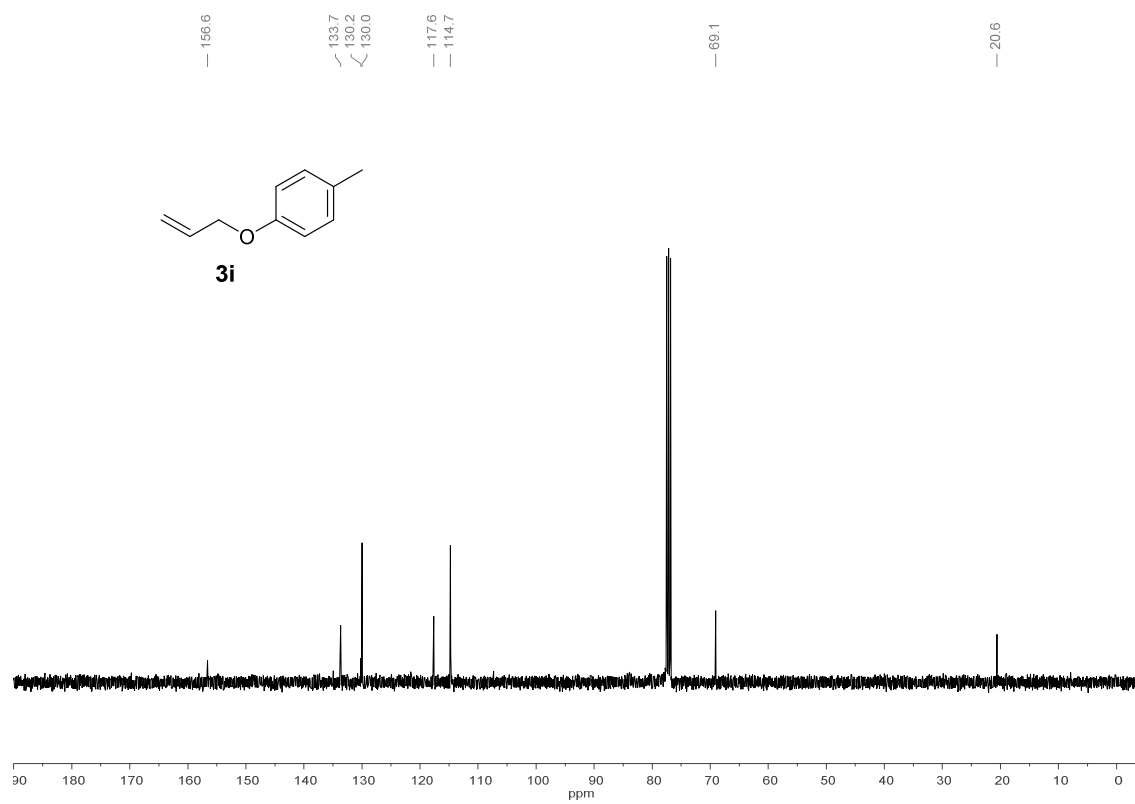
— 69.4



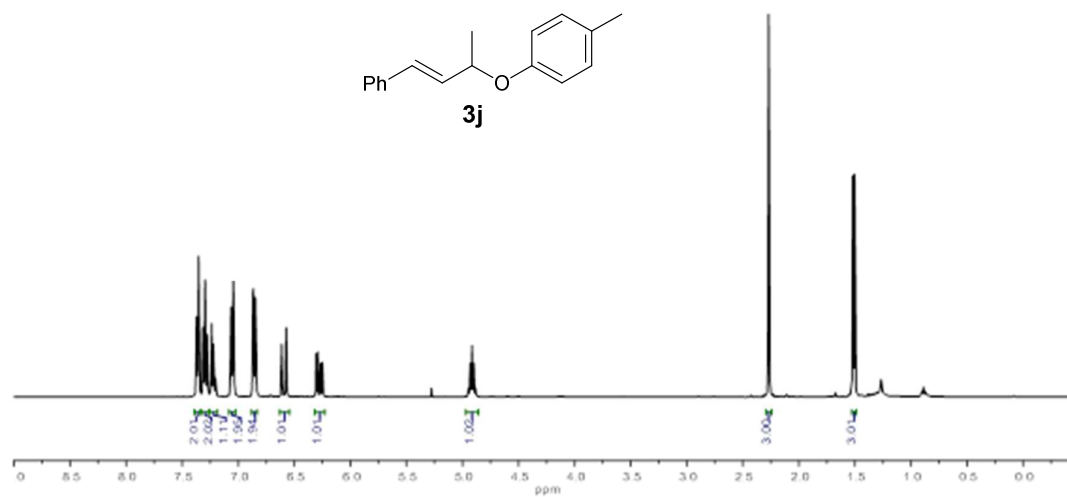
$^{13}\text{C}$  NMR (100 MHz,  $\text{CDCl}_3$ ) of compound **3h**



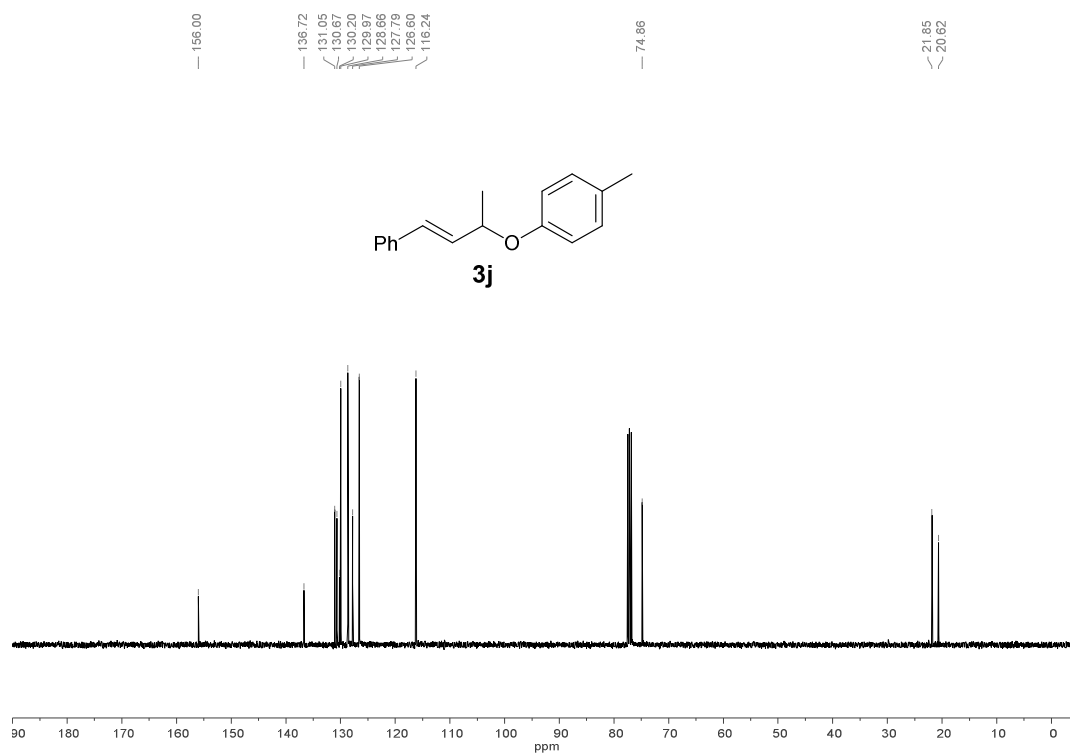
$^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ ) of compound **3i**



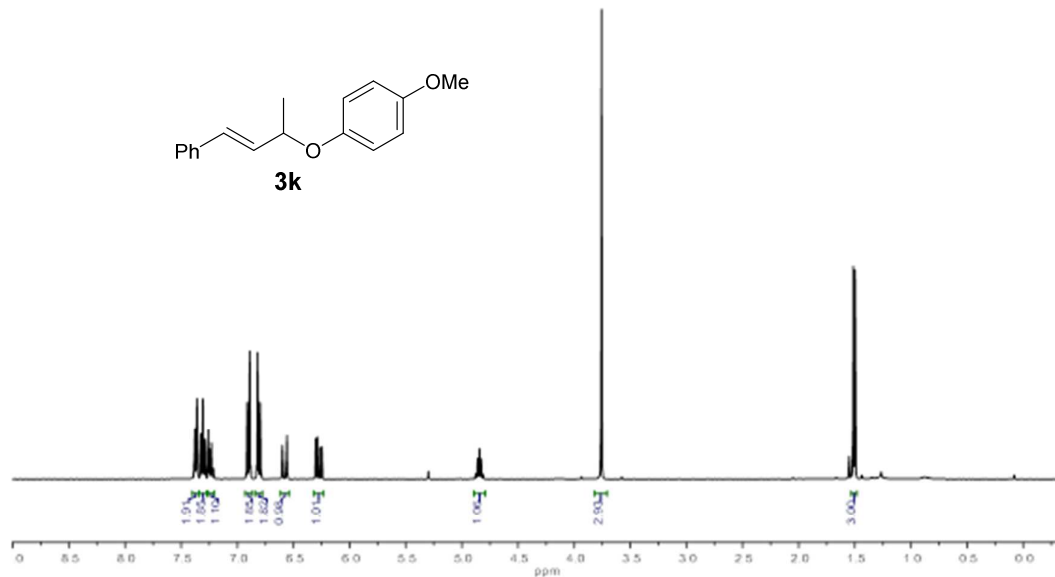
$^{13}\text{C}$  NMR (100 MHz,  $\text{CDCl}_3$ ) of compound **3i**



$^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ ) of compound **3j**



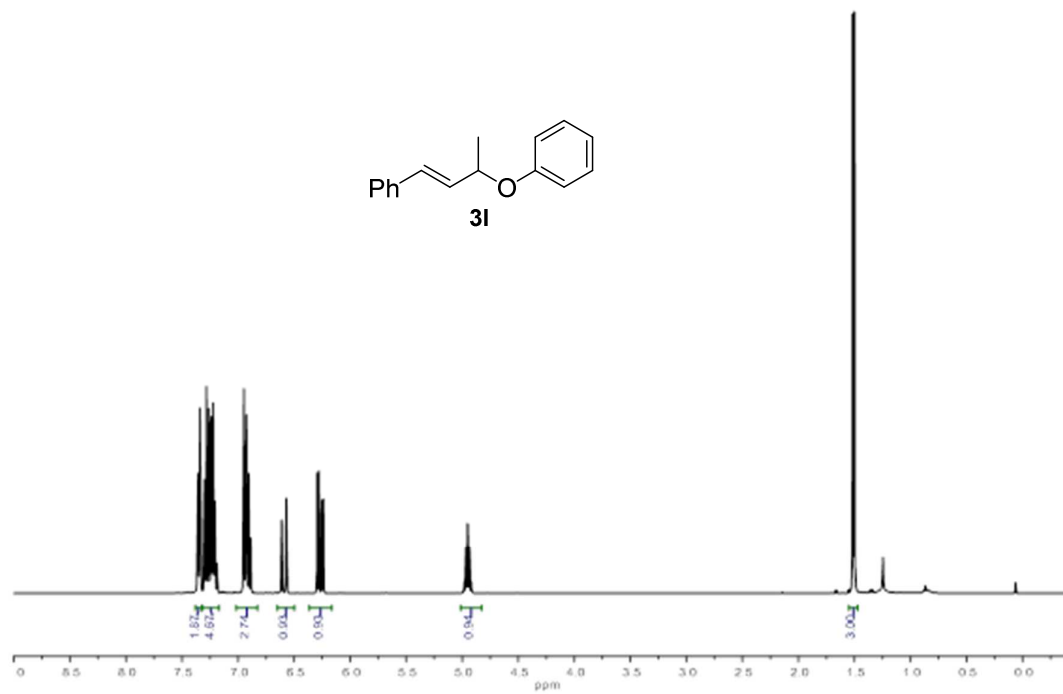
$^{13}\text{C}$  NMR (100 MHz,  $\text{CDCl}_3$ ) of compound **3j**



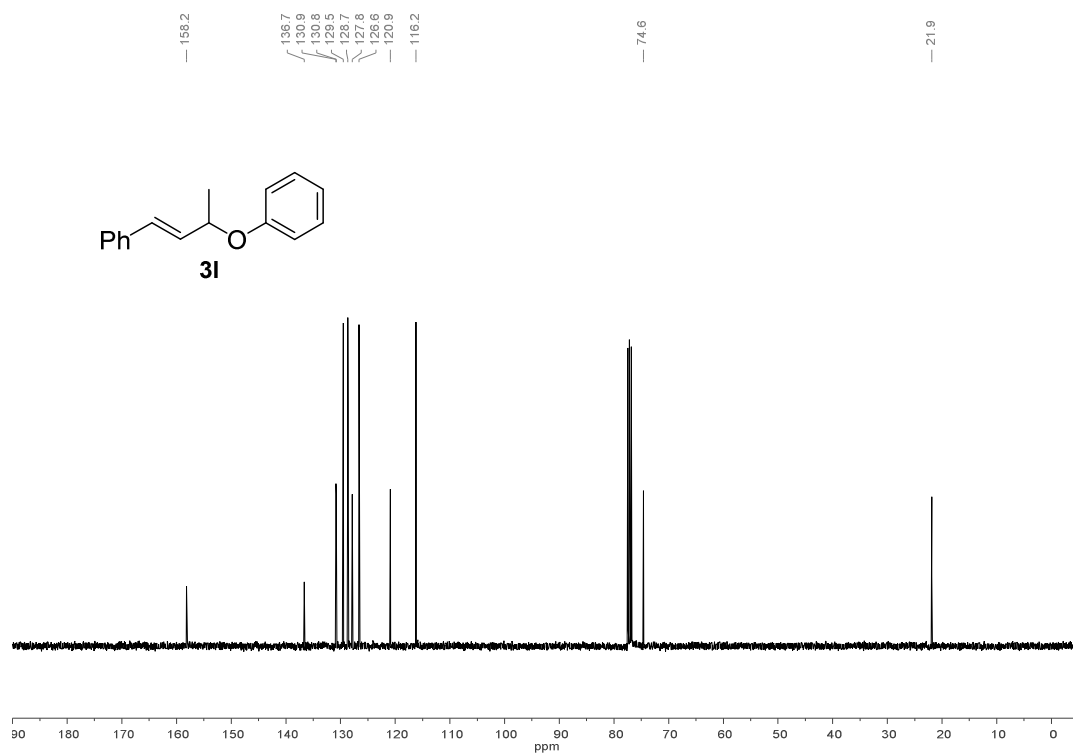
<sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) of compound **3k**



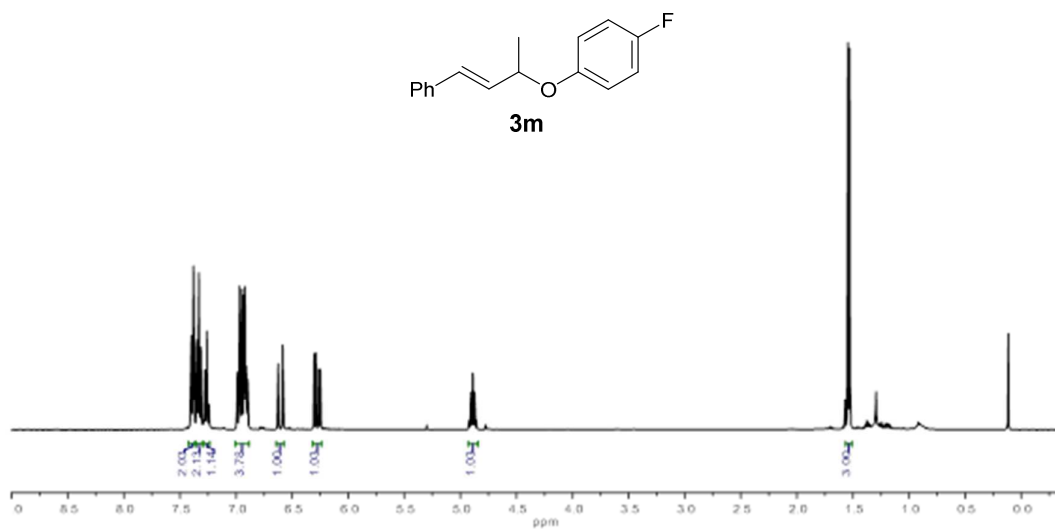
<sup>13</sup>C NMR (100 MHz, CDCl<sub>3</sub>) of compound **3k**



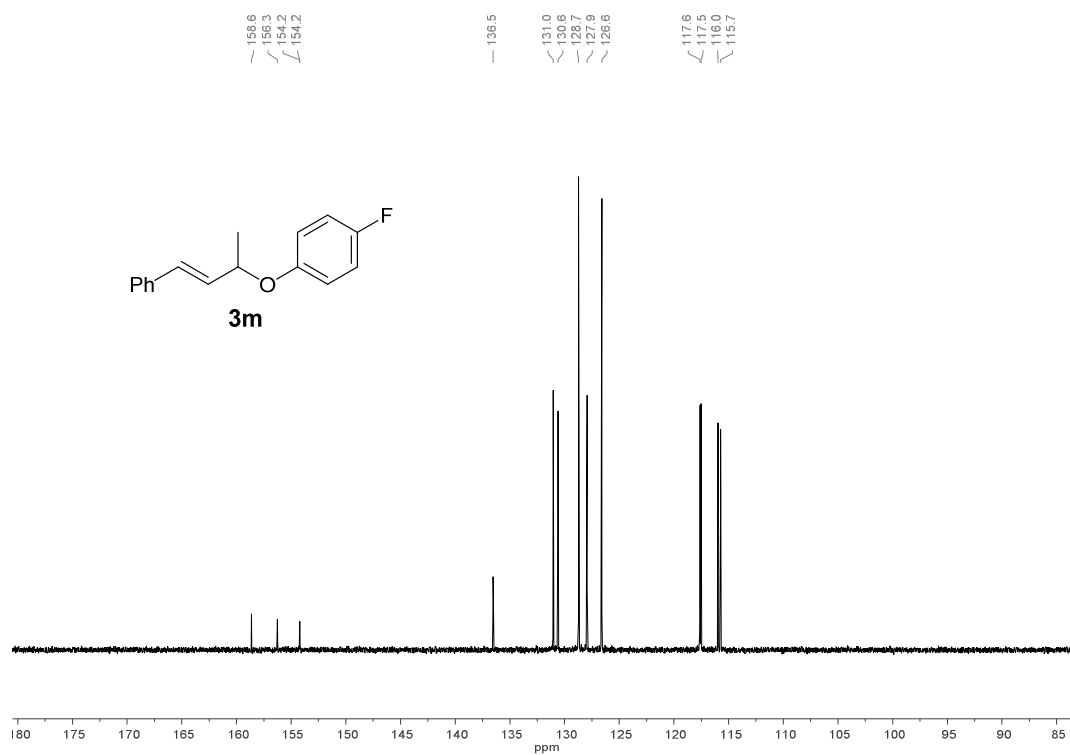
$^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ ) of compound **3I**



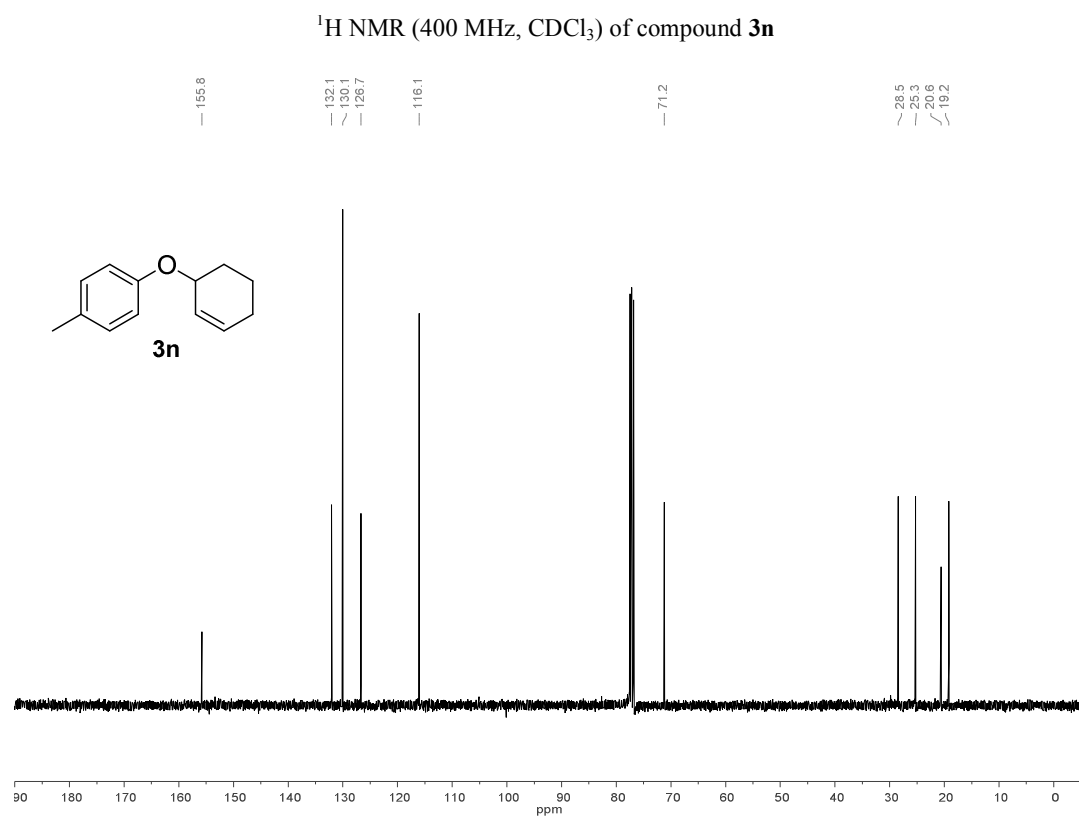
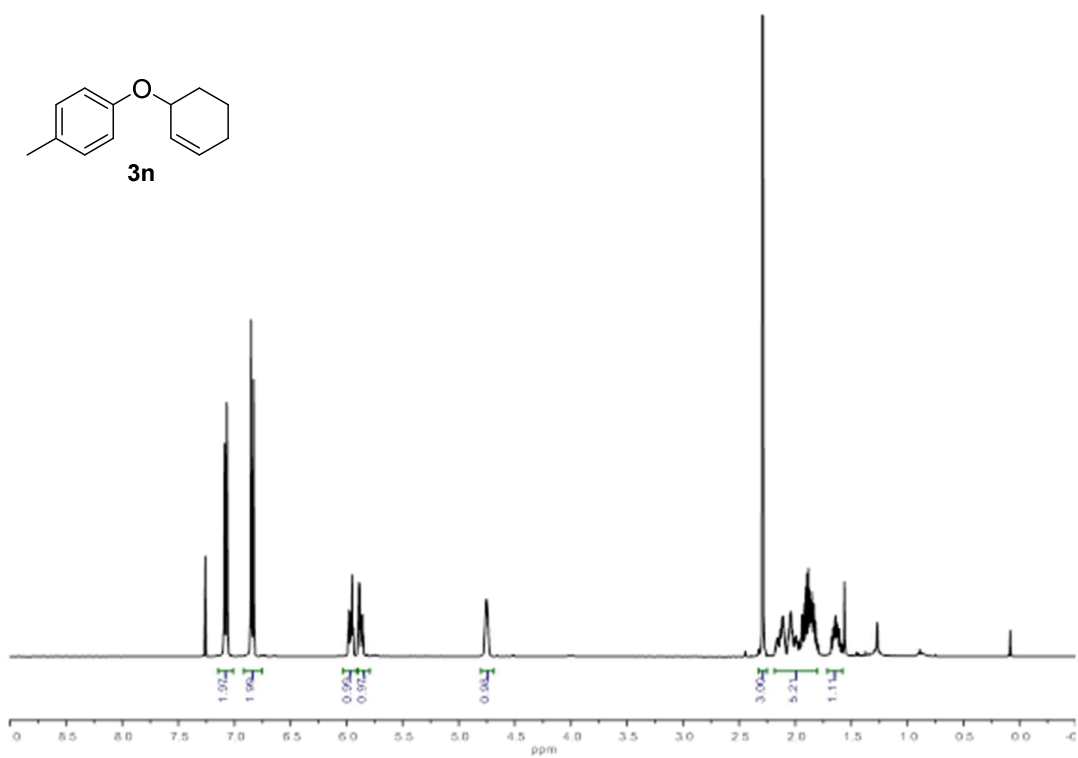
$^{13}\text{C}$  NMR (100 MHz,  $\text{CDCl}_3$ ) of compound **3I**



$^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ ) of compound **3m**

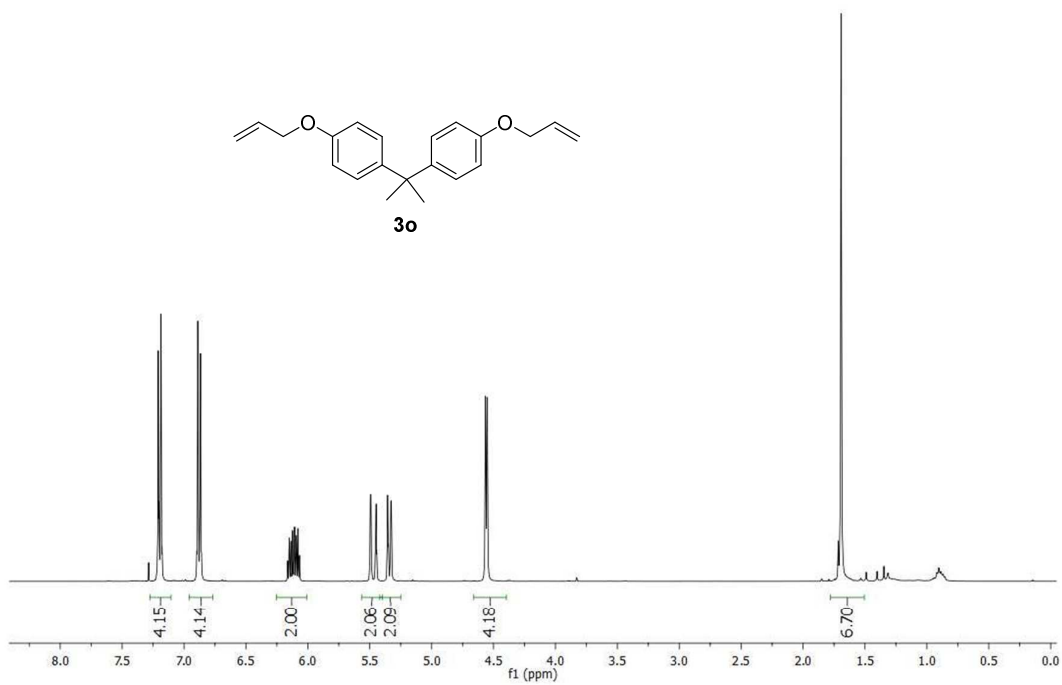


$^{13}\text{C}$  NMR (100 MHz,  $\text{CDCl}_3$ ) of compound **3m**



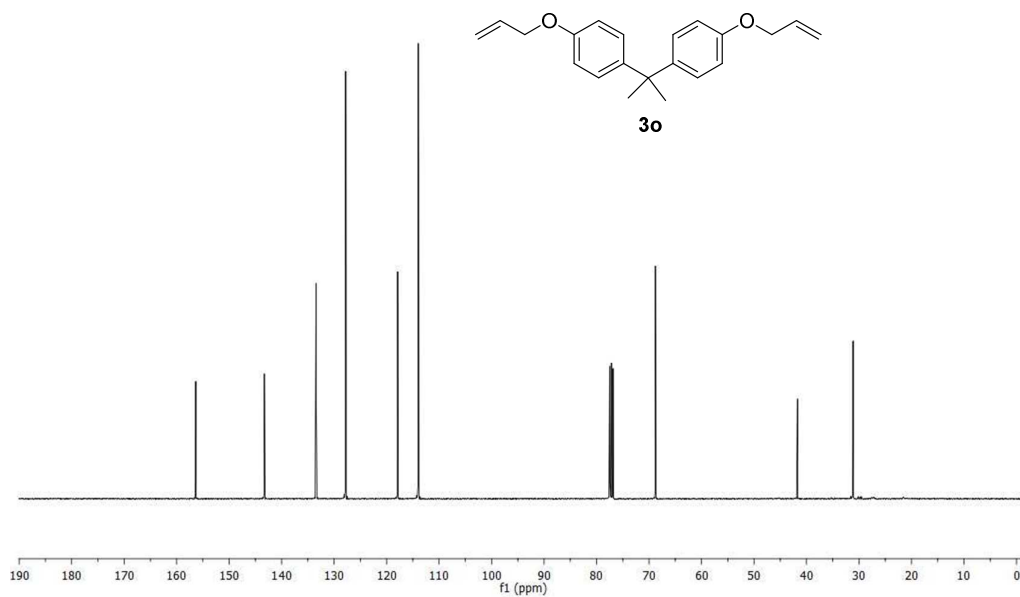


SA-1034TR



<sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) of compound **3o**

SA-1034TR



<sup>13</sup>C NMR (100 MHz, CDCl<sub>3</sub>) of compound **3o**