

## **Substituted 2-Phenacylbenzoxazole Difluoroboranes: Synthesis, Structure and Properties**

Agnieszka Skotnicka\*

Faculty of Chemical Technology and Engineering, UTP University of Science and Technology,  
Semenyjna 3, 85-326, Bydgoszcz, Poland

\*Correspondence should be addressed to Agnieszka Skotnicka: [askot@utp.edu.pl](mailto:askot@utp.edu.pl)

### **Supporting Information**

#### **Content**

<sup>1</sup>H NMR and <sup>13</sup>C NMR spectra of **1-8**

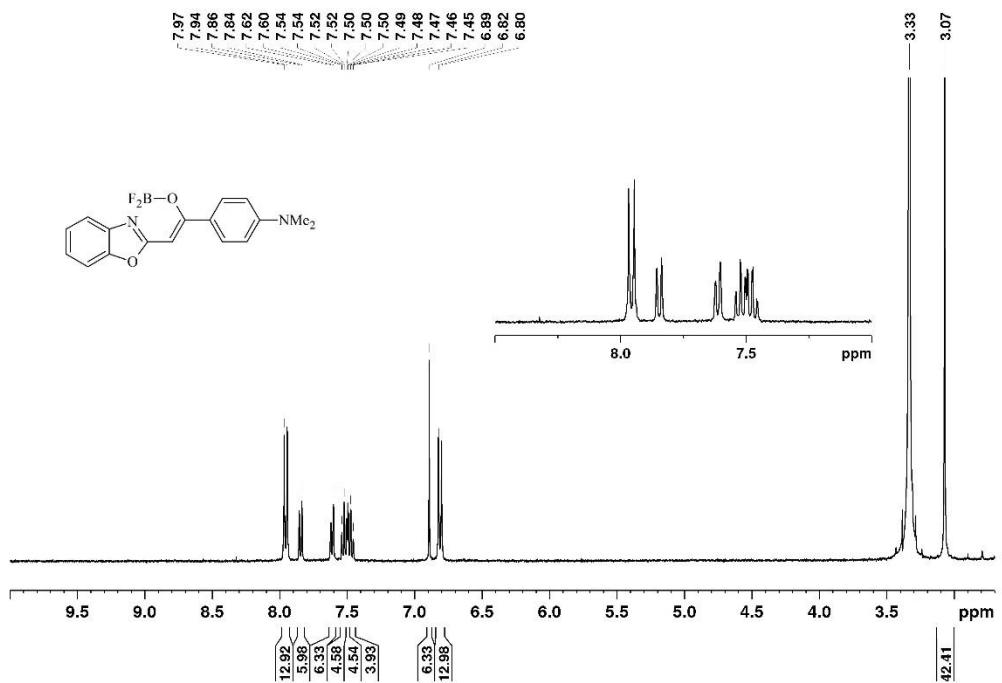


Figure S1. <sup>1</sup>H NMR spectrum (400 MHz) of **1** in CDCl<sub>3</sub>.

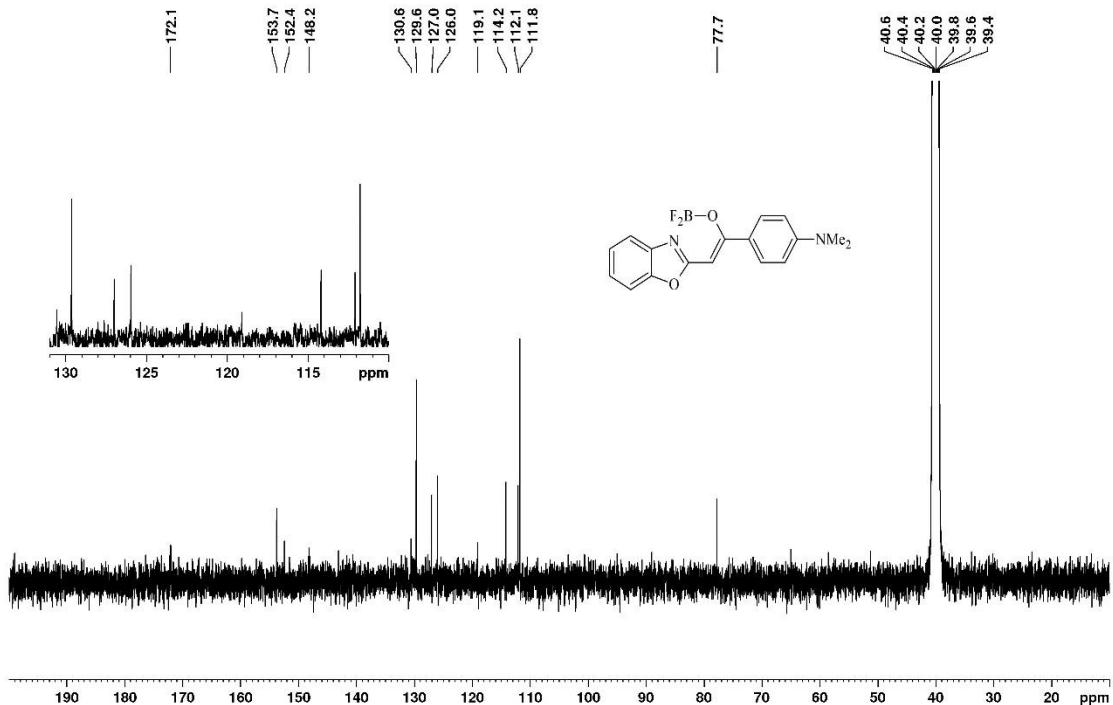


Figure S2. <sup>13</sup>C NMR spectrum (400 MHz) of **1** in CDCl<sub>3</sub>.

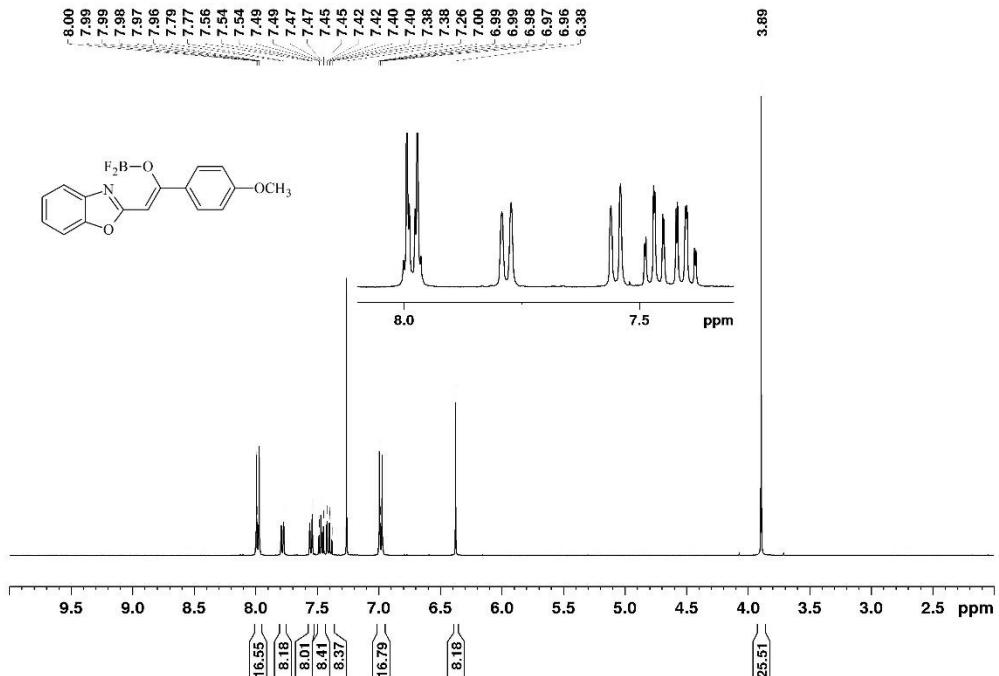


Figure S3.  $^1\text{H}$  NMR spectrum (400 MHz) of **2** in  $\text{CDCl}_3$ .

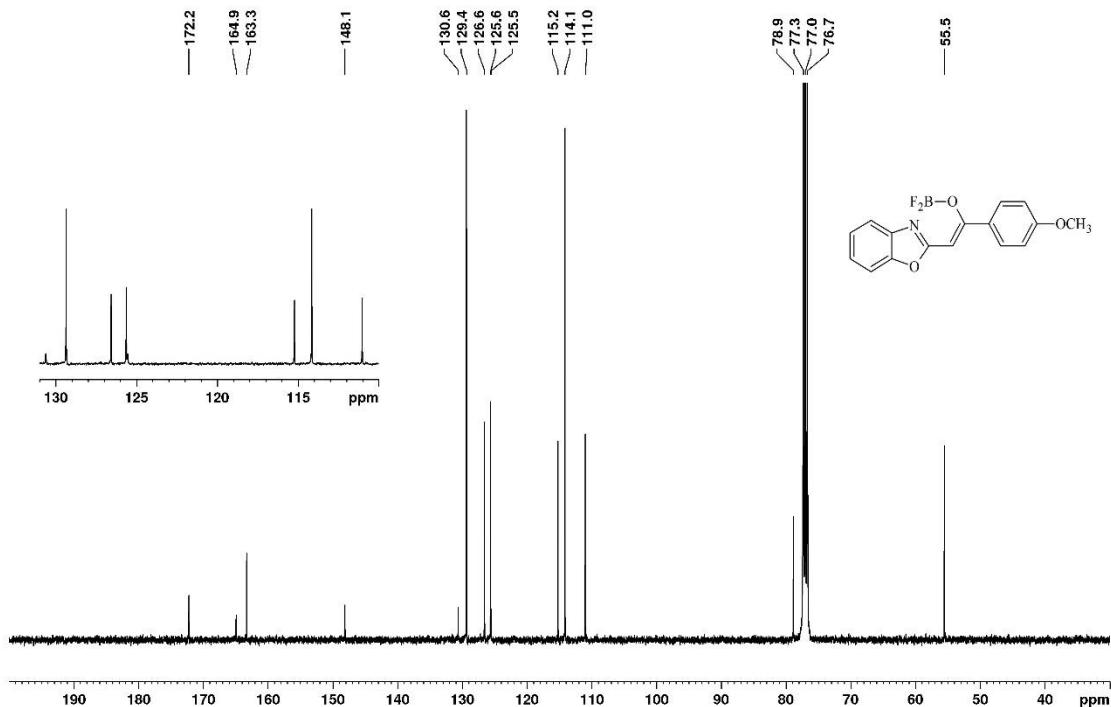


Figure S4.  $^{13}\text{C}$  NMR spectrum (400 MHz) of **2** in  $\text{CDCl}_3$ .

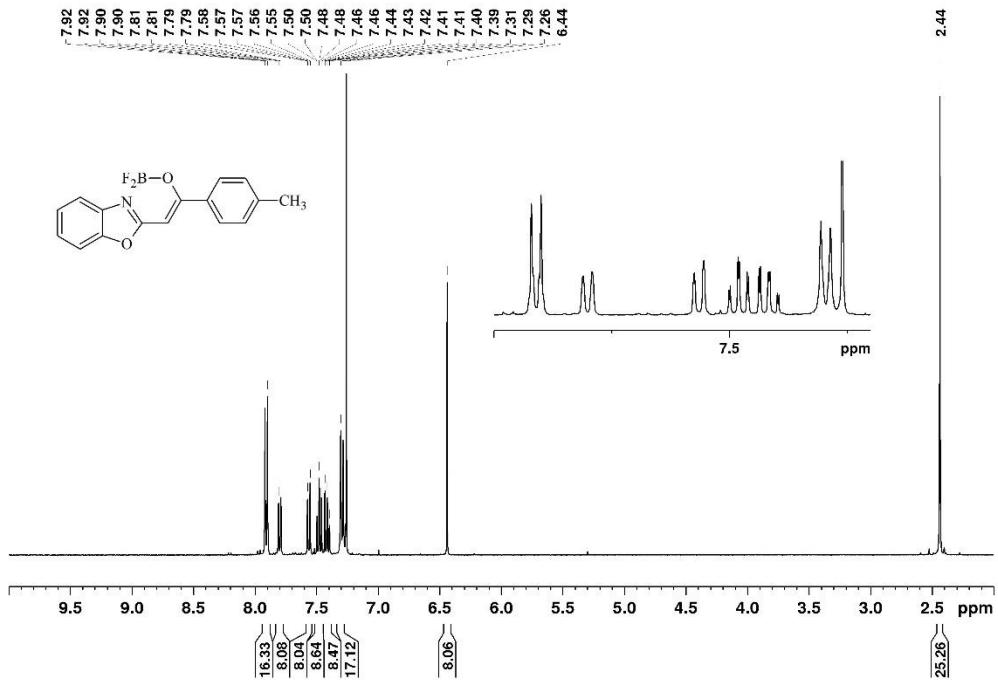


Figure S5.  $^1\text{H}$  NMR spectrum (400 MHz) of **3** in  $\text{CDCl}_3$ .

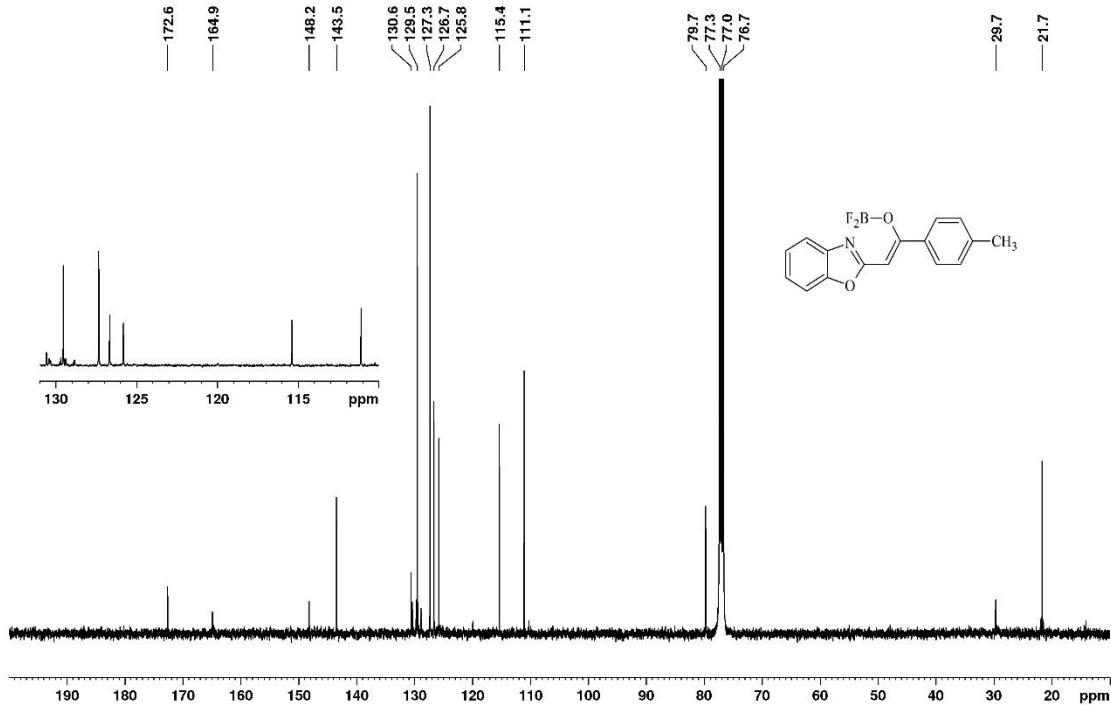


Figure S6.  $^{13}\text{C}$  NMR spectrum (400 MHz) of **3** in  $\text{CDCl}_3$ .

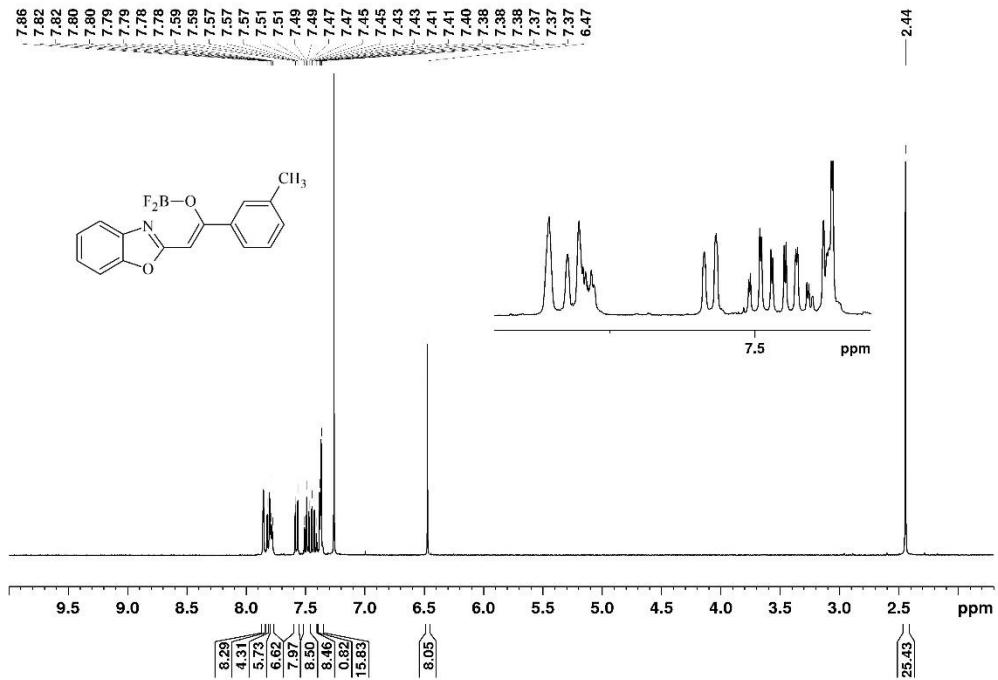


Figure S7.  $^1\text{H}$  NMR spectrum (400 MHz) of **4** in  $\text{CDCl}_3$ .

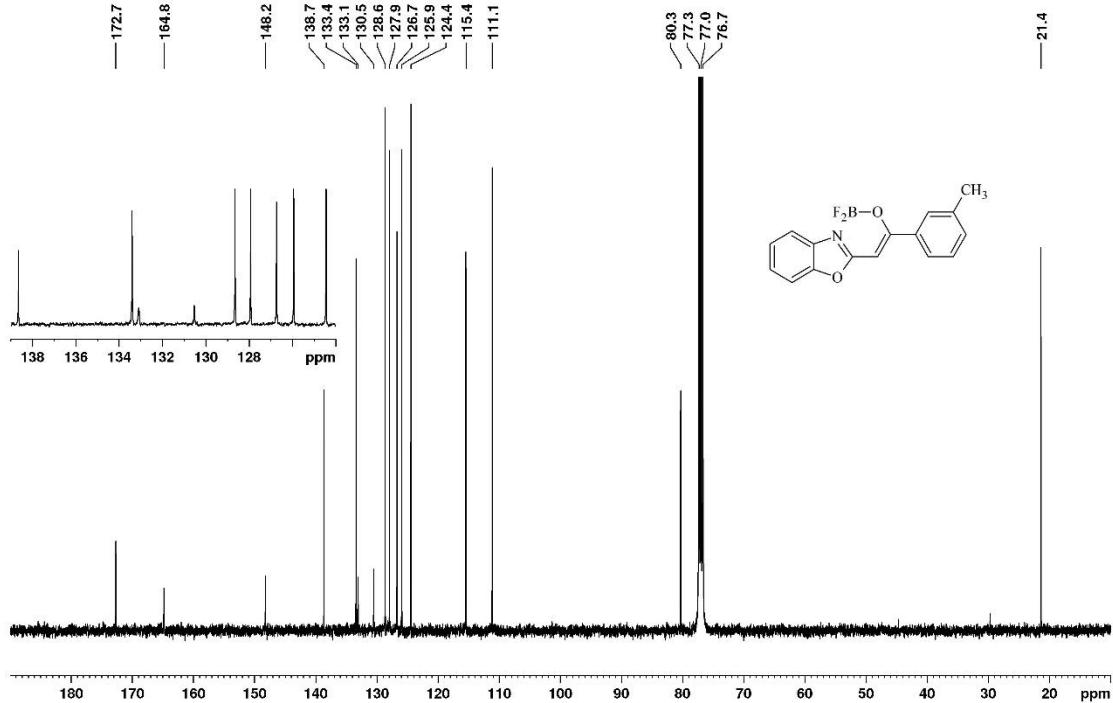


Figure S8.  $^{13}\text{C}$  NMR spectrum (400 MHz) of **4** in  $\text{CDCl}_3$ .

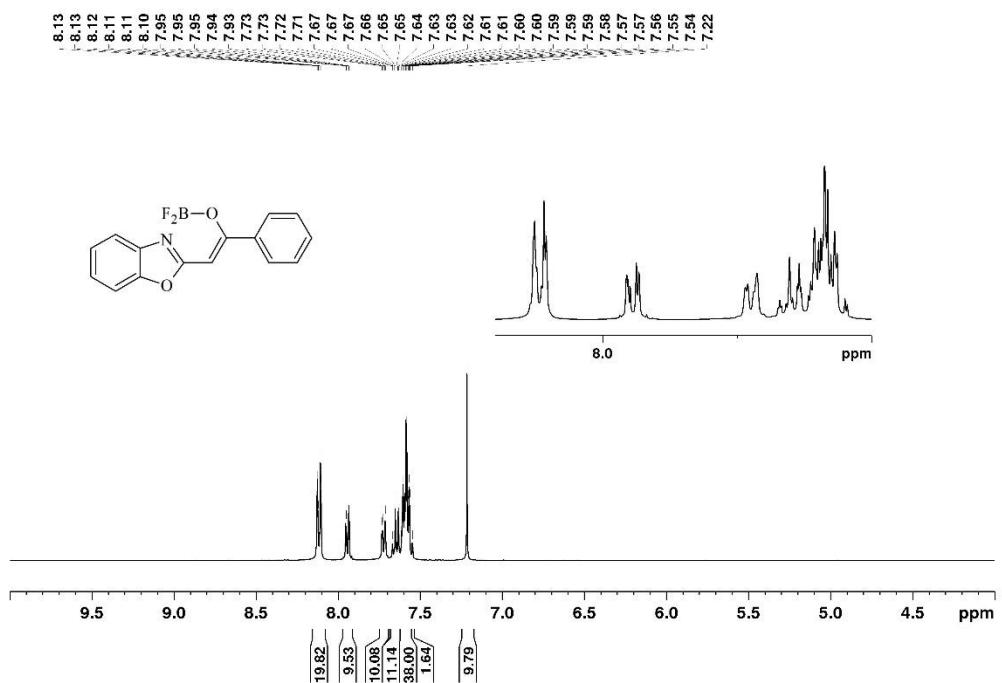


Figure S9.  $^1\text{H}$  NMR spectrum (400 MHz) of **5** in  $\text{CDCl}_3$ .

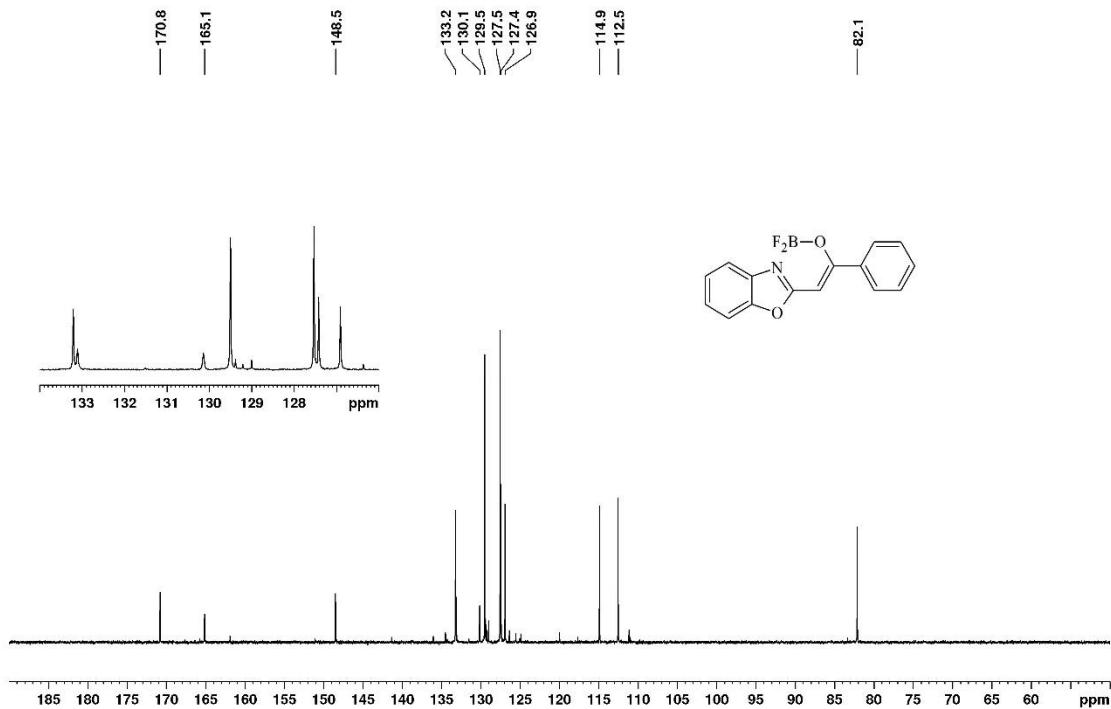


Figure S10.  $^{13}\text{C}$  NMR spectrum (400 MHz) of **5** in  $\text{CDCl}_3$ .

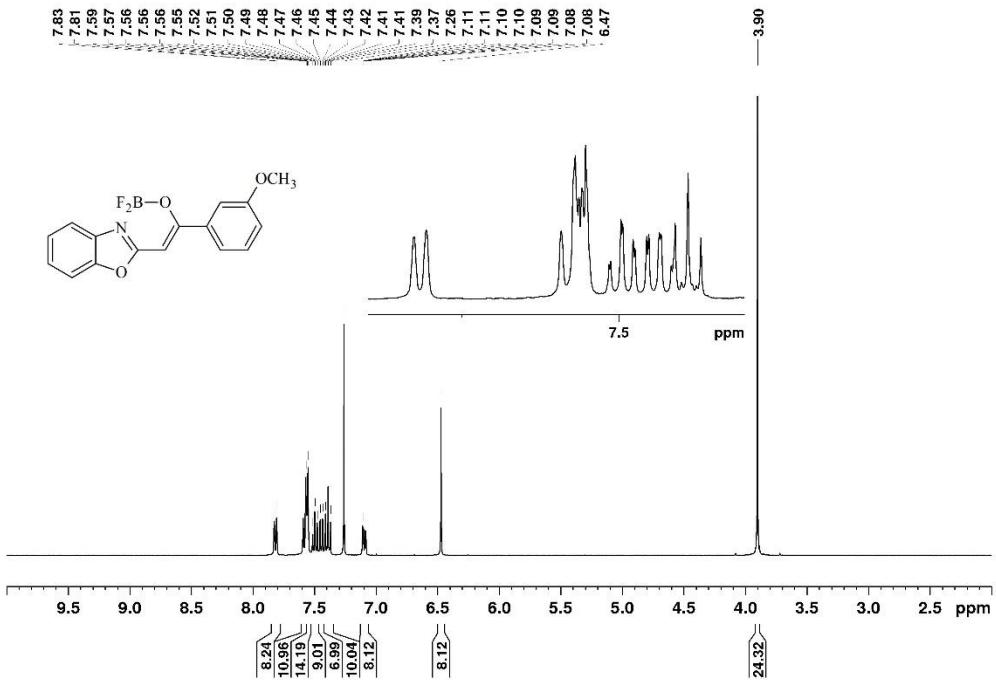


Figure S11.  $^1\text{H}$  NMR spectrum (400 MHz) of **6** in  $\text{CDCl}_3$ .

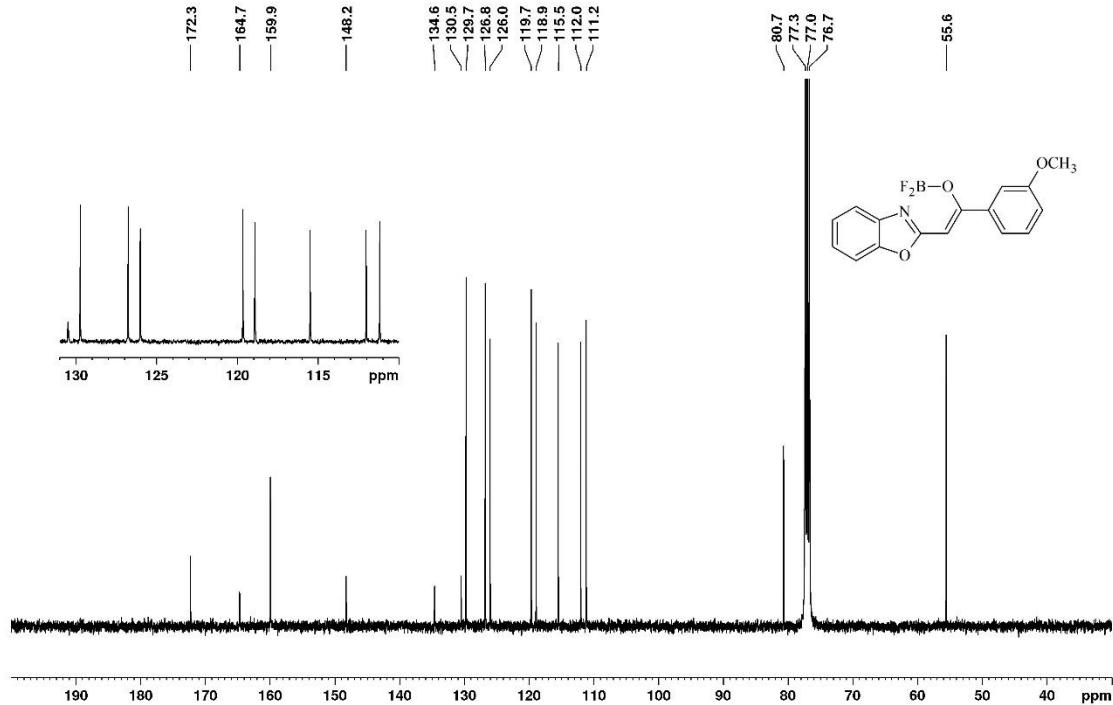


Figure S12.  $^{13}\text{C}$  NMR spectrum (400 MHz) of **6** in  $\text{CDCl}_3$ .

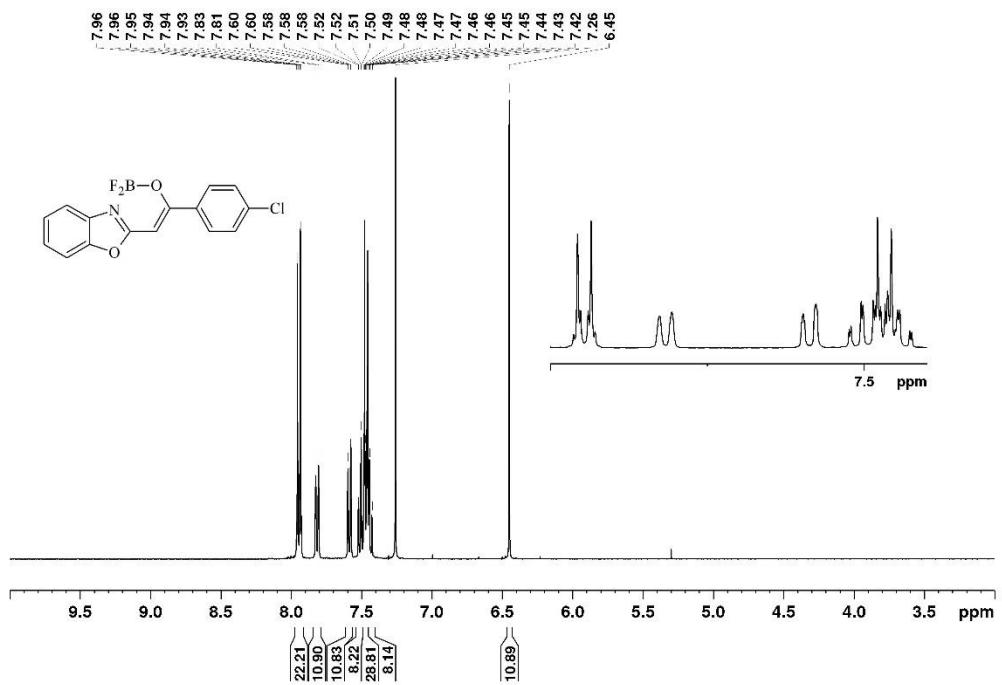


Figure S13.  $^1\text{H}$  NMR spectrum (400 MHz) of **7** in  $\text{CDCl}_3$ .

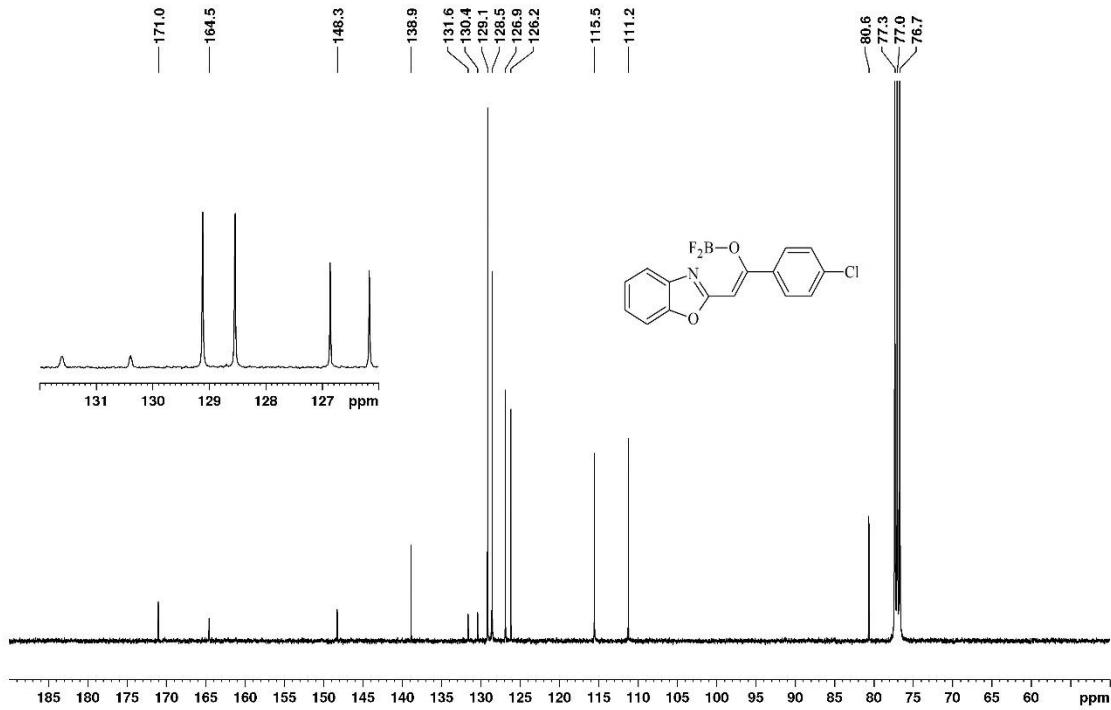


Figure S14.  $^{13}\text{C}$  NMR spectrum (400 MHz) of **7** in  $\text{CDCl}_3$ .

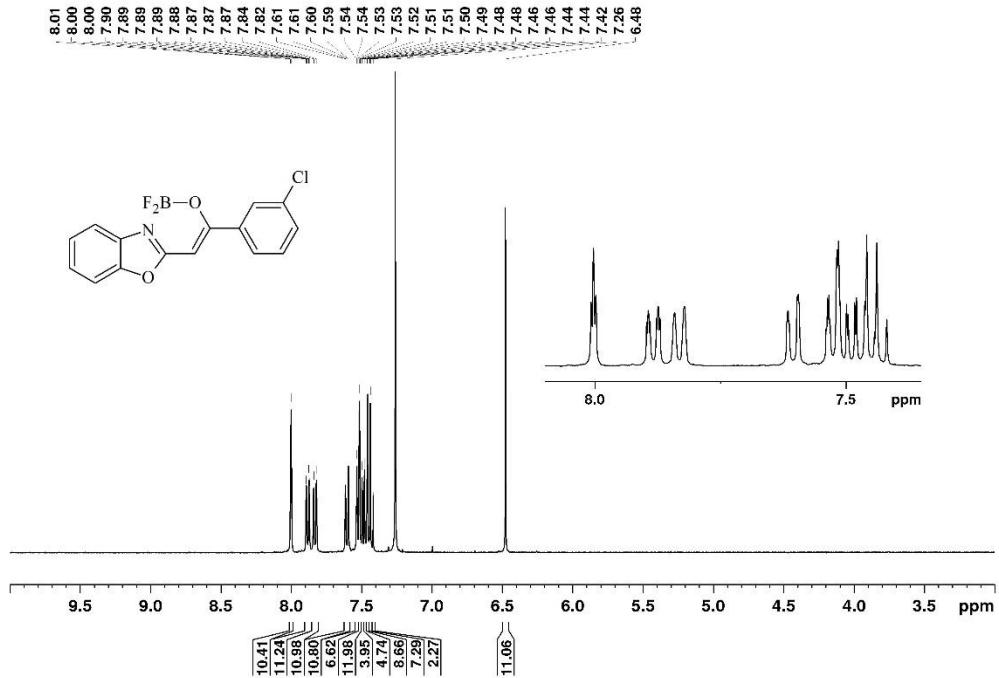


Figure S15.  $^1\text{H}$  NMR spectrum (400 MHz) of **8** in  $\text{CDCl}_3$ .

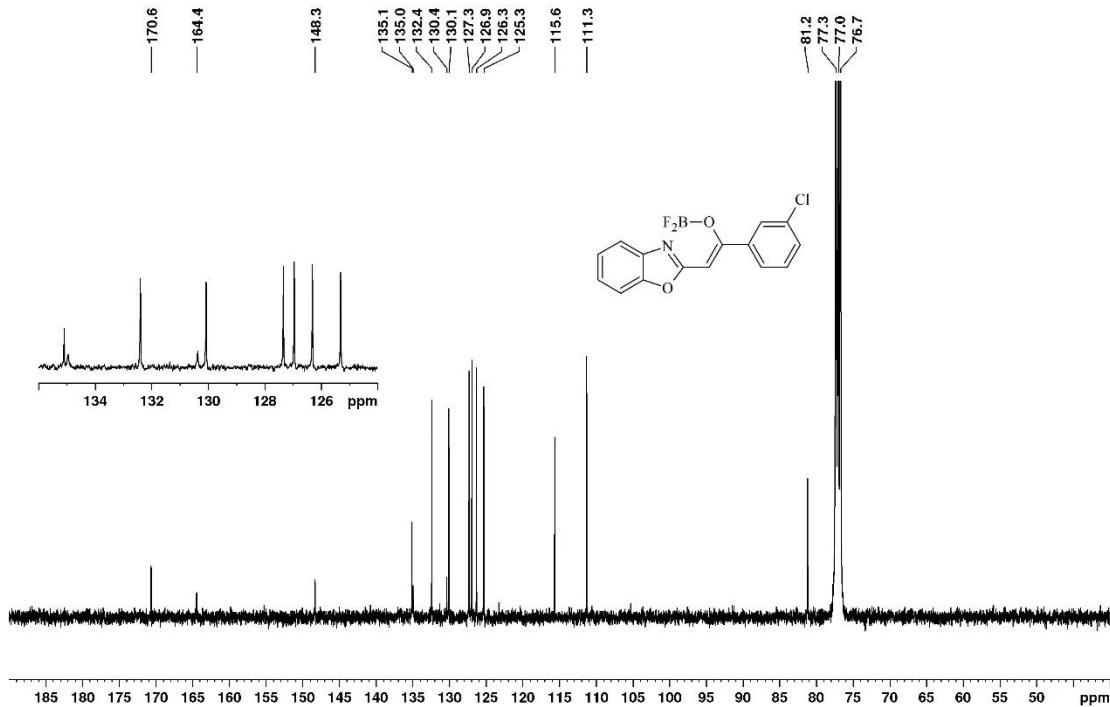


Figure S16.  $^{13}\text{C}$  NMR spectrum (400 MHz) of **8** in  $\text{CDCl}_3$