

C₆₀-based Ebselen Derivative: Synthesis by Bingel Cyclopropanation and Enhanced Antioxidative and Neuroprotective Activity

Xufeng Liu,^{a,b} Wenchao Guan^{*,a} and Wengshan Ke^c

^aMinistry of Education Key Laboratory for the Synthesis and Application of Organic Functional Molecules, Hubei University, Wuhan 430062, P. R. China

^bDepartment of Chemistry, HuaZhong University of Science and Technology, Wuhan 430074, P. R. China

^cCollege of Life Science, Hubei University, Wuhan 430062, P. R. China

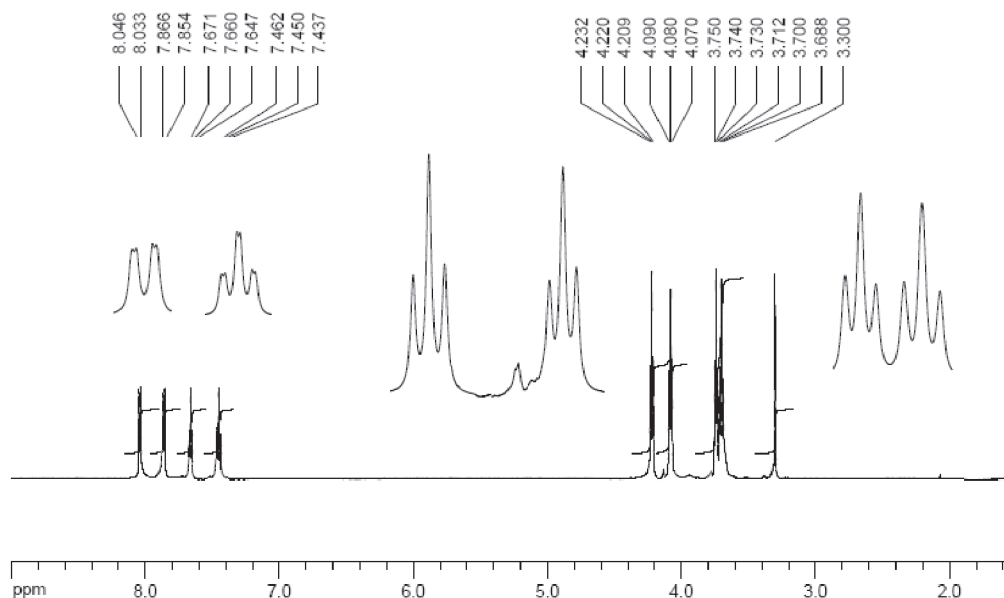
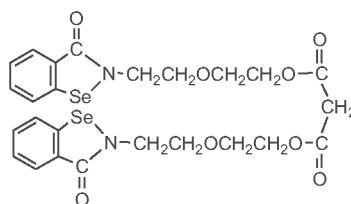


Figure S1. ¹H NMR spectrum of compound **2** at room temperature (600 MHz, CDCl₃).

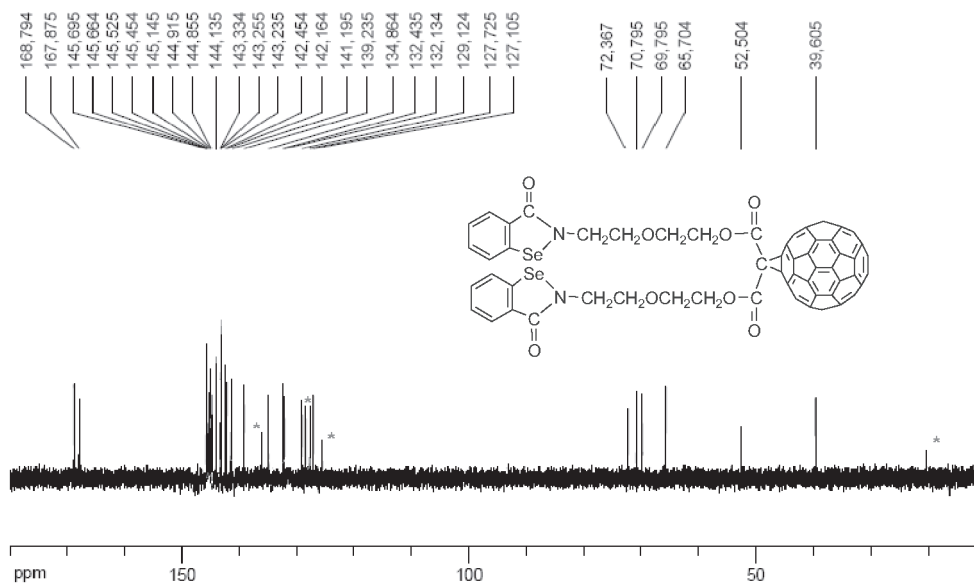


Figure S4. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of compound **3** at room temperature [150 MHz, CDCl_3]. The peak noted with * is due to solvent (ethyl acetate).

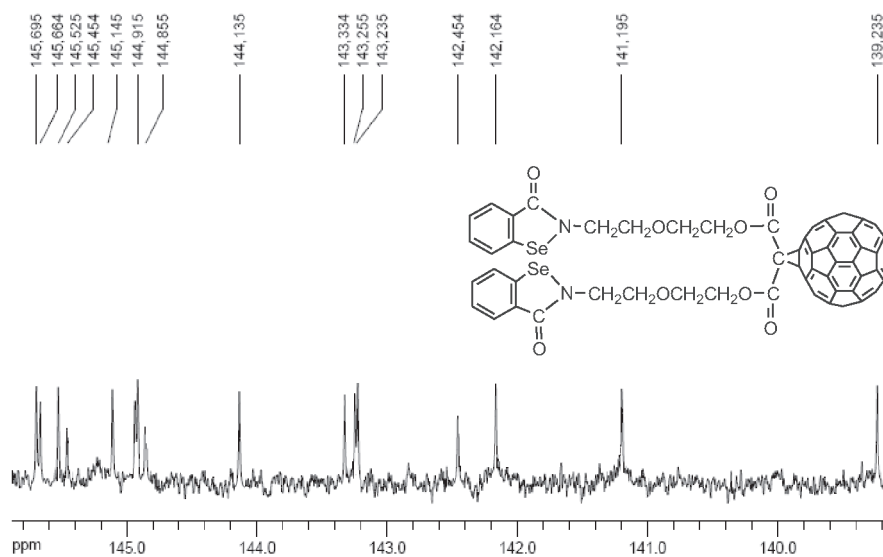


Figure S5. The expanded $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of compound **3** between 139.2 and 145.8 ppm (150 MHz, CDCl_3).

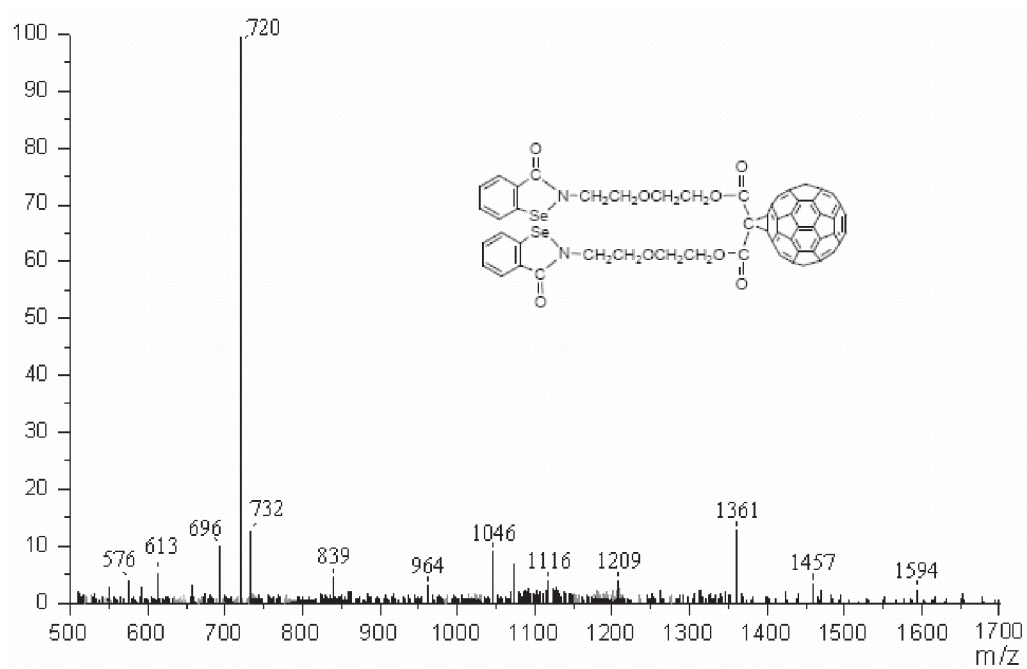


Figure S6. FAB(+) mass spectrum of compound 3.