

Supplementary Information

Synthesis and Antibacterial Evaluation of 2-Ethyl-1-(4-substituted)phenyl-1*H*-imidazole Derivatives as Open-Chain Analogues of 7-Alkoxy-4,5-dihydro-imidazo[1,2-*a*]quinolines

Xian-Yu Sun, Mei-Yu Liu, Chun-Yan Zhong, Gui-Lin Zheng, Ming-Yue Lv, Bo-Tao Jing, Chun-Yuan Pan and Xin Wang*

*College of Animal Science and Technique, Bayi Agriculture University,
163319 Daqing, Heilongjiang, PR China*

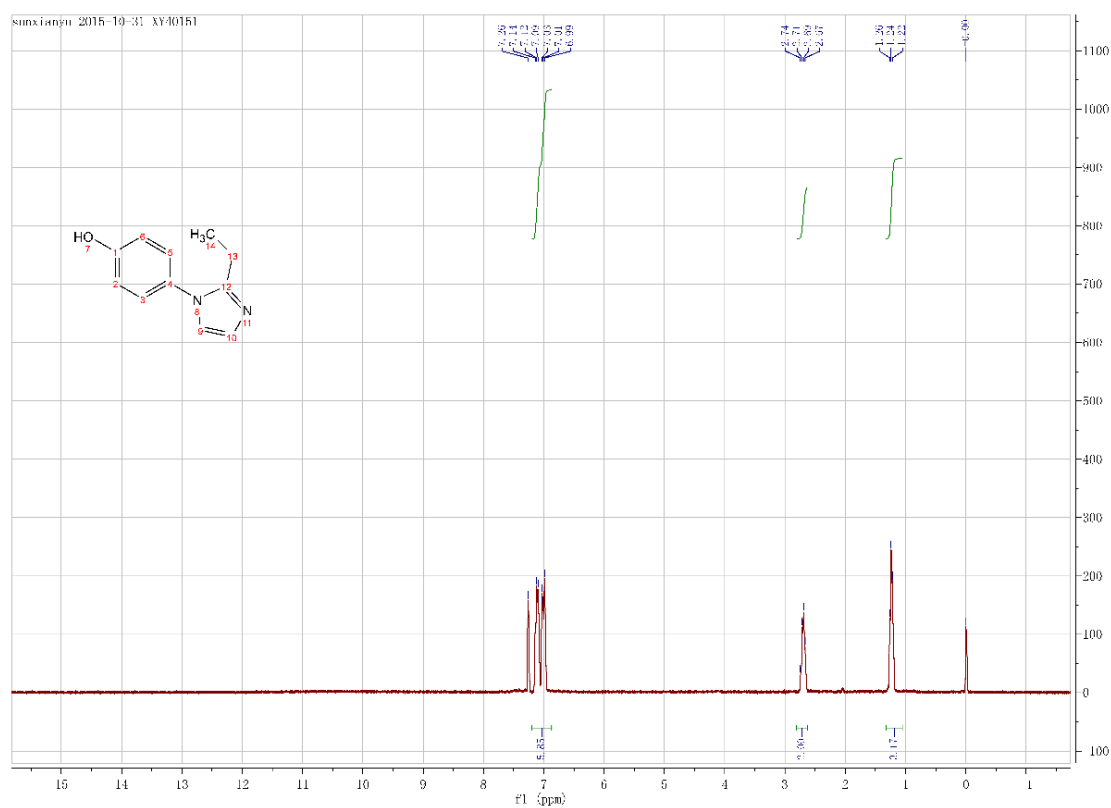


Figure S1. ^1H NMR (300 MHz, CDCl_3) of compound **4**.

*e-mail: xianyusun@yeah.net

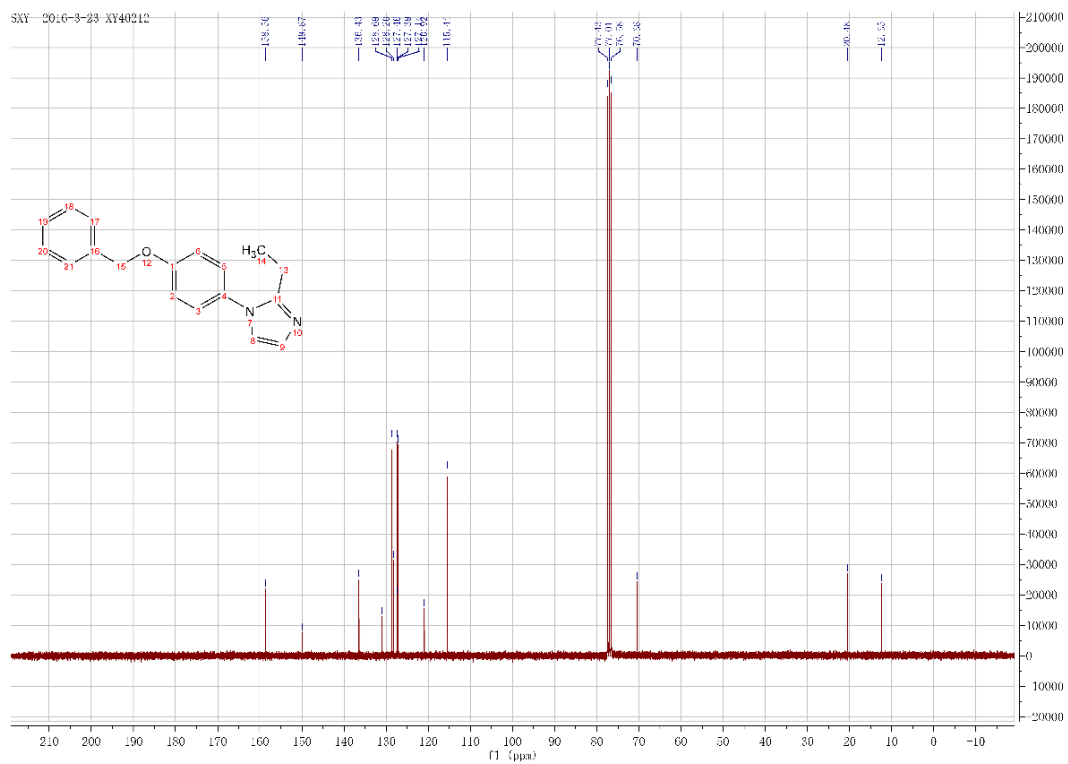


Figure S2. ^{13}C NMR (300 MHz, CDCl_3) of compound **5a**.

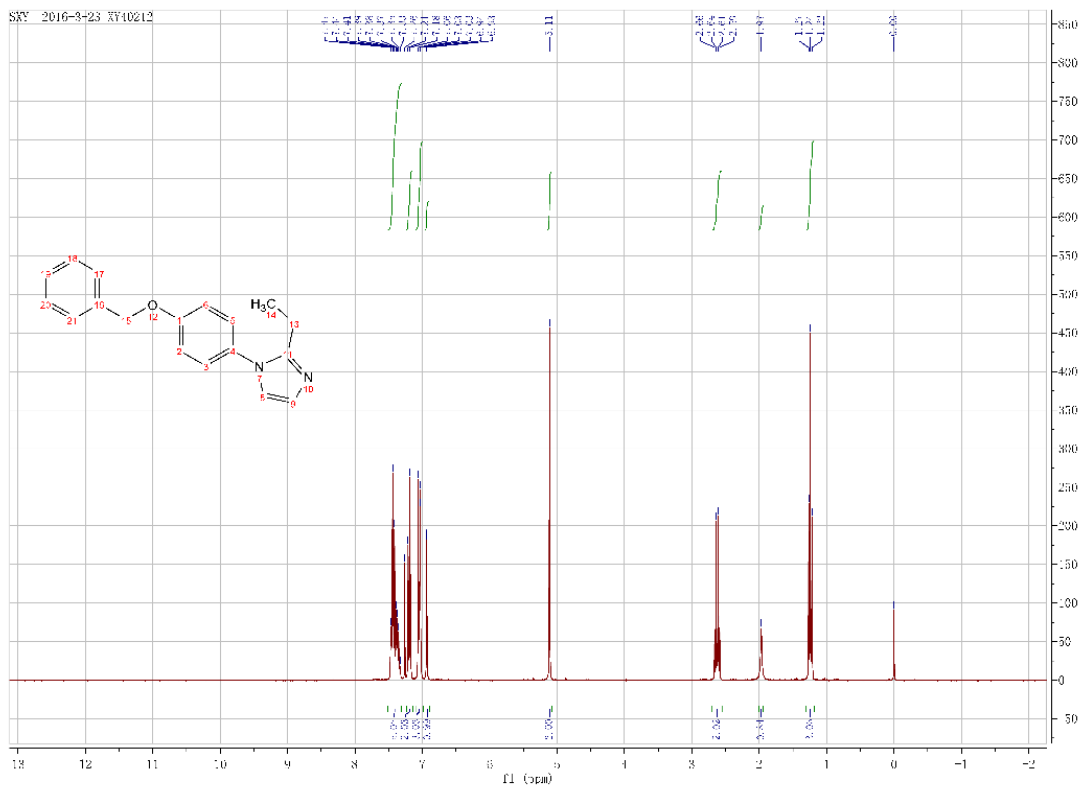


Figure S3. ^1H NMR (300 MHz, CDCl_3) of compound **5a**.

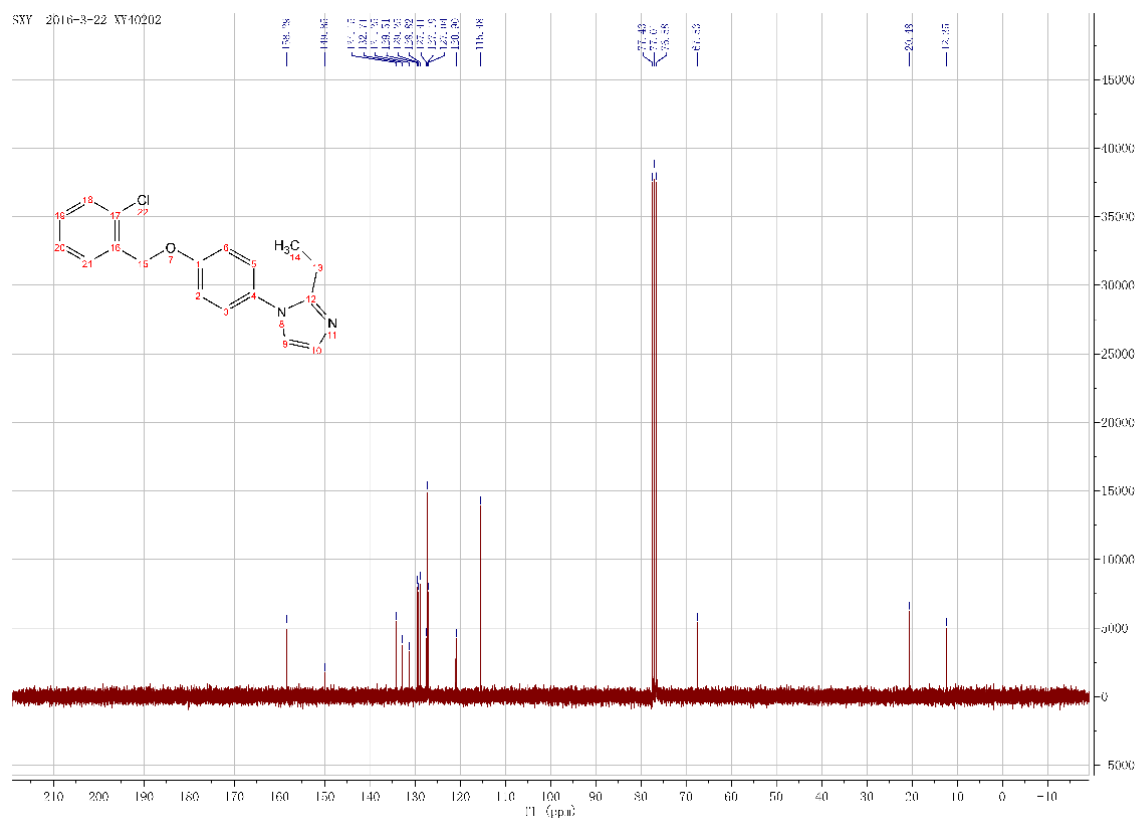


Figure S4. ¹³C NMR (300 MHz, CDCl₃) of compound **5b**.

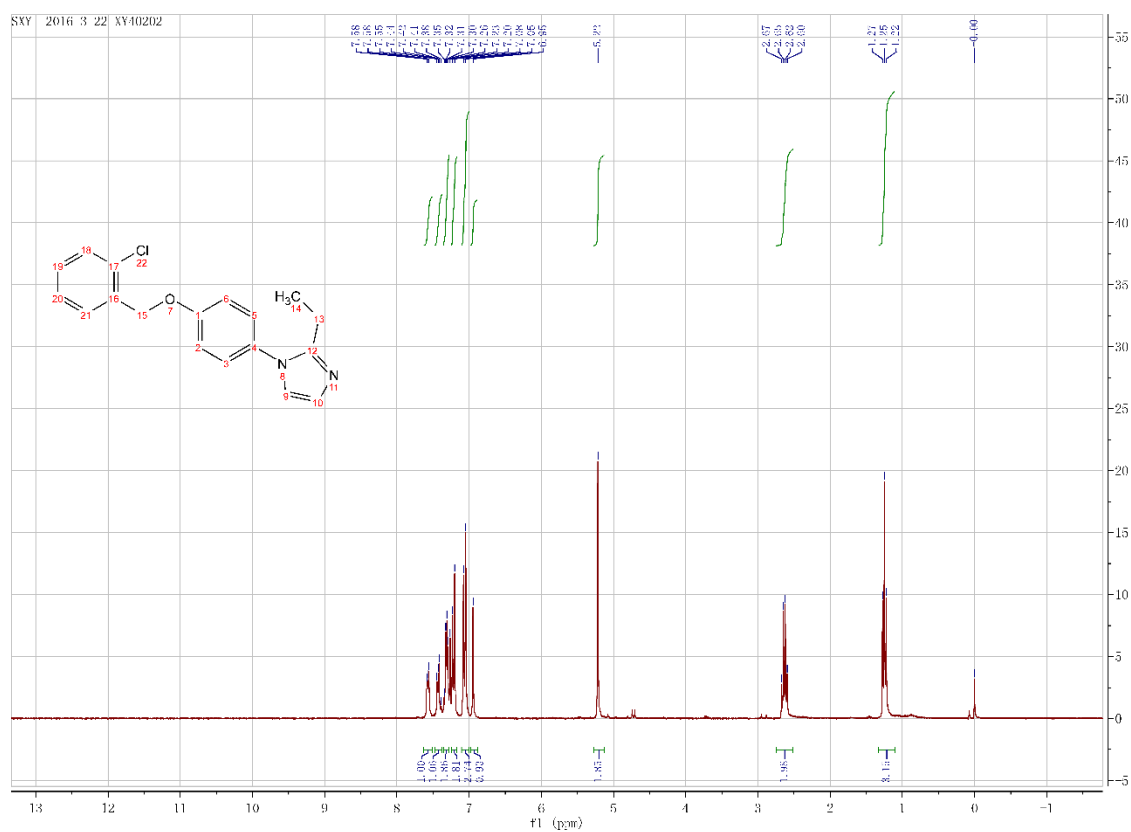


Figure S5. ¹H NMR (300 MHz, CDCl₃) of compound **5b**.

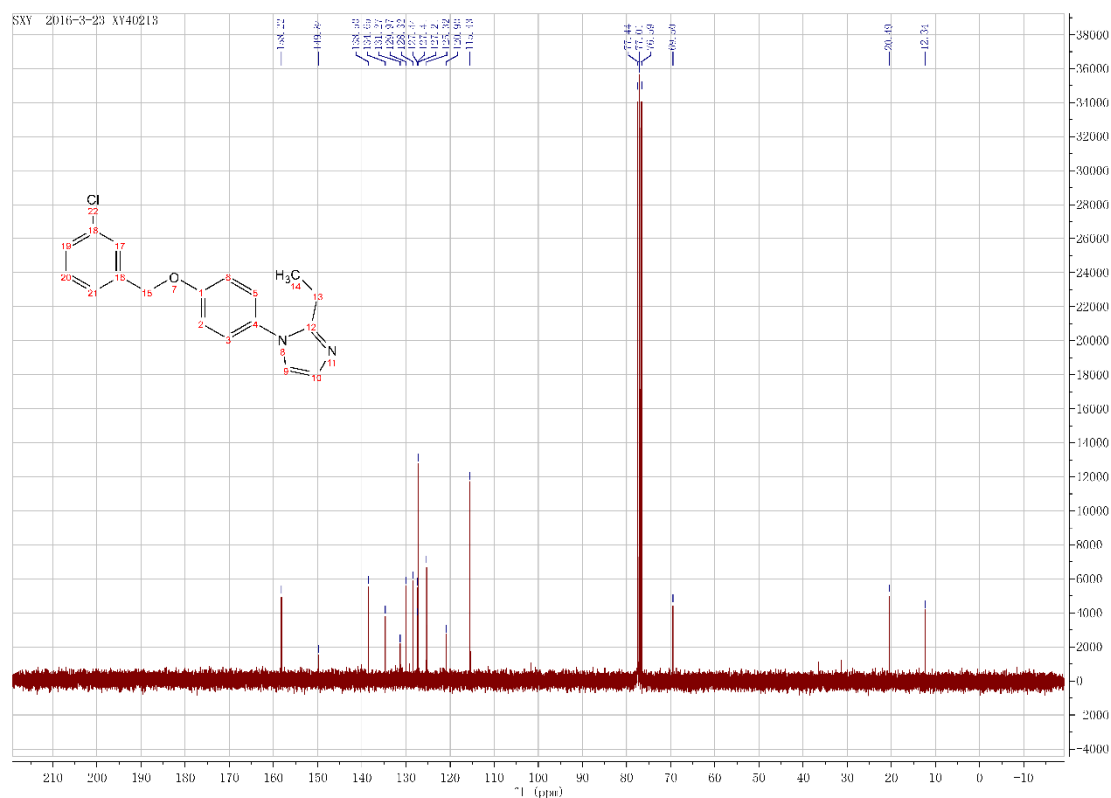
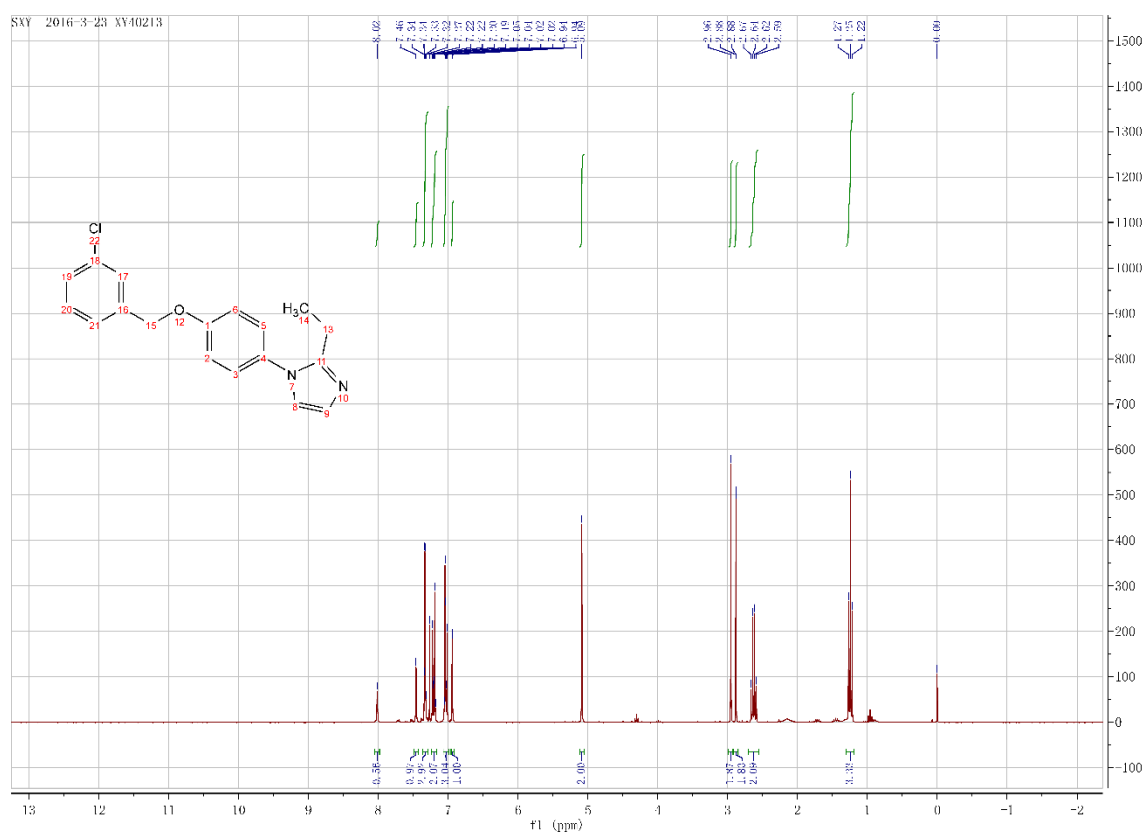


Figure S6. ^{13}C NMR (300 MHz, CDCl_3) of compound **5c**.



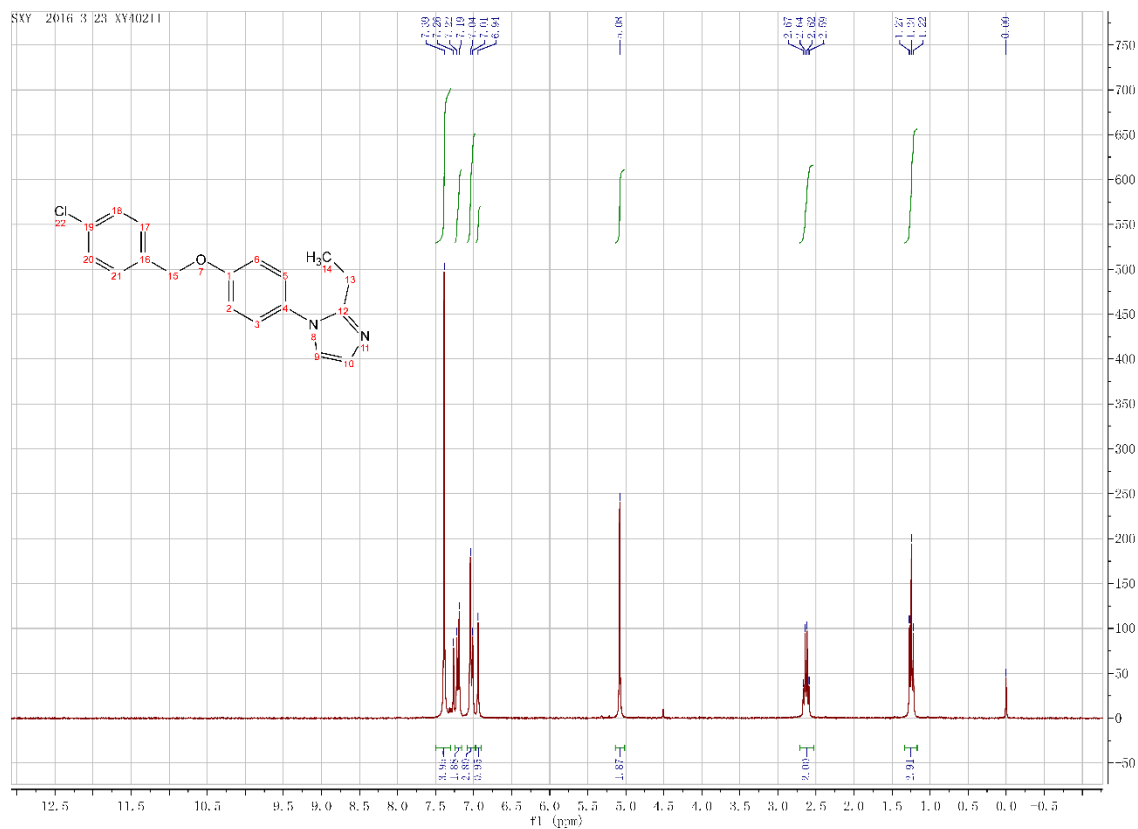


Figure S8. ¹H NMR (300 MHz, CDCl₃) of compound **5d**.

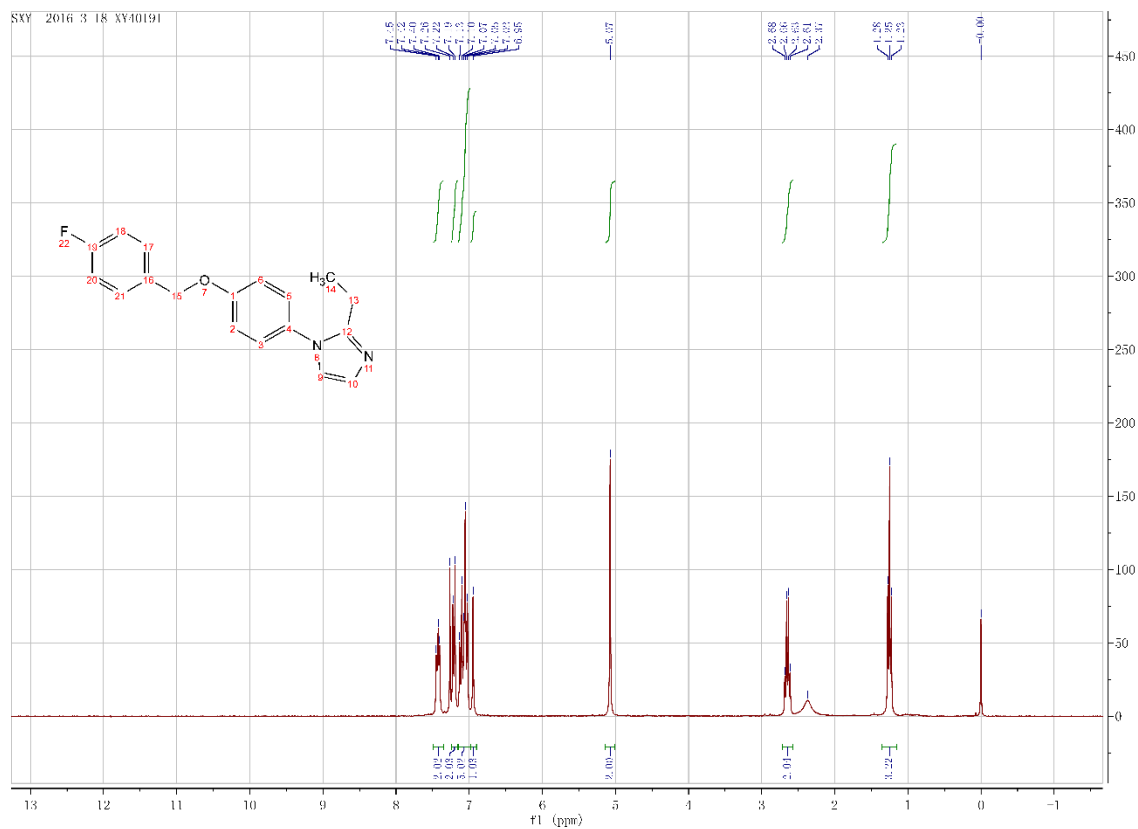
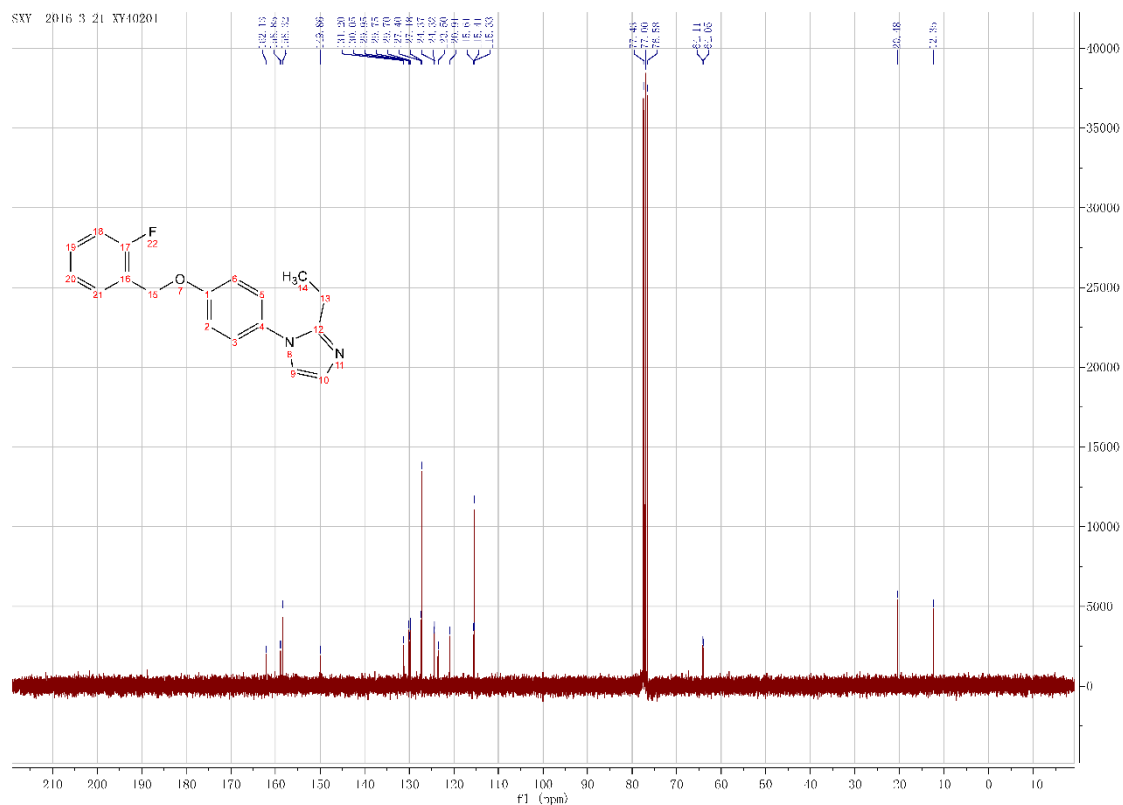


Figure S9. ¹H NMR (300 MHz, CDCl₃) of compound **5e**.



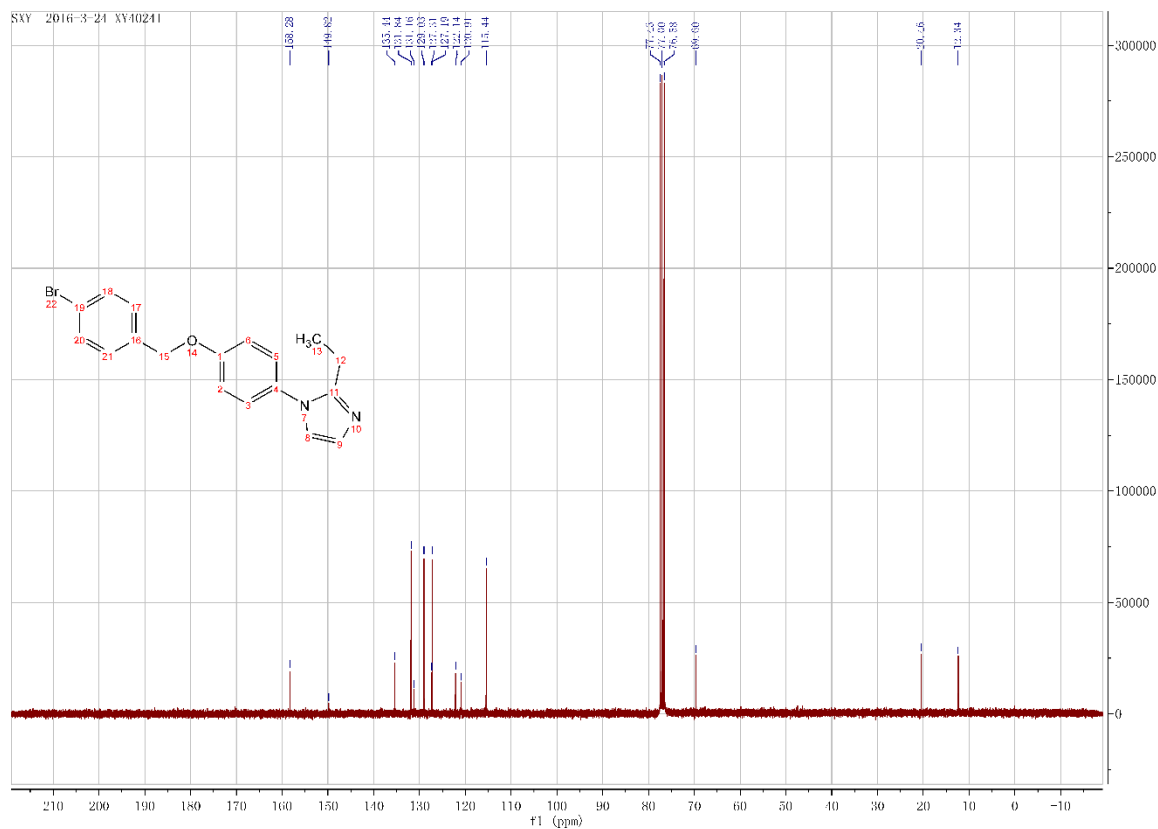


Figure S12. ¹³C NMR (300 MHz, CDCl₃) of compound **5g**.

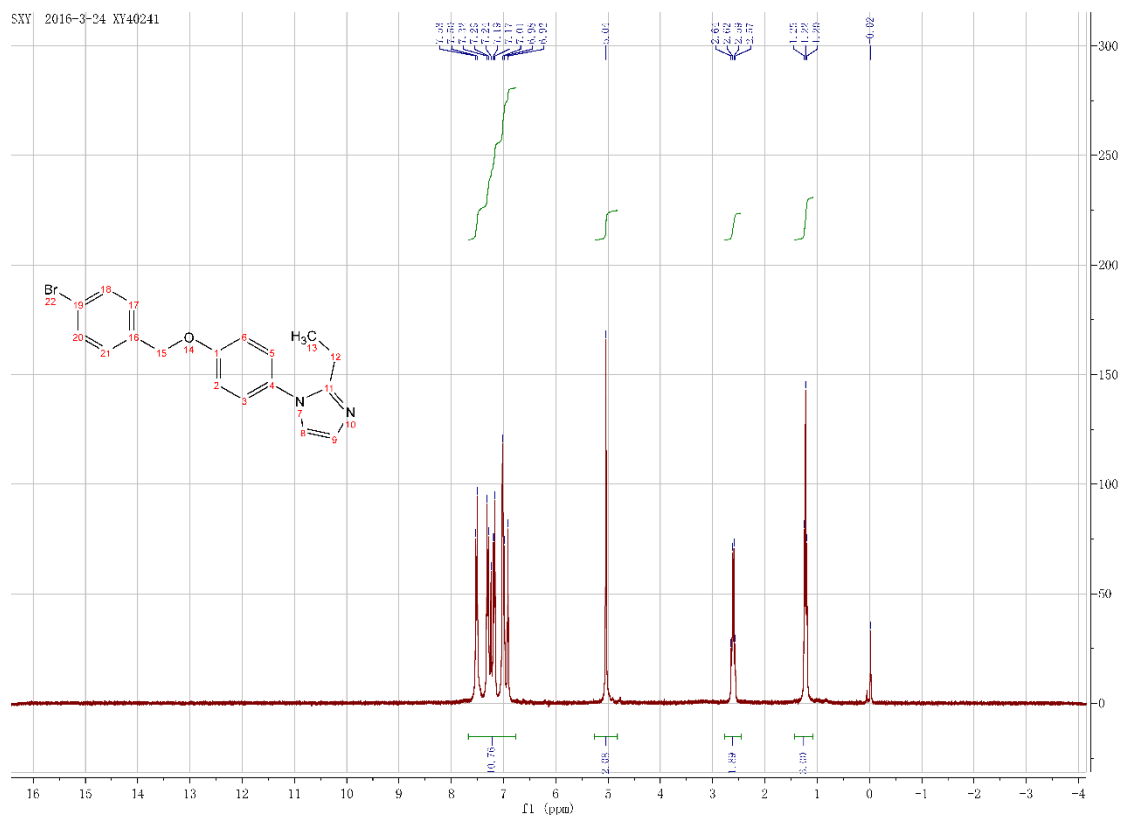


Figure S13. ¹H NMR (300 MHz, CDCl₃) of compound **5g**.

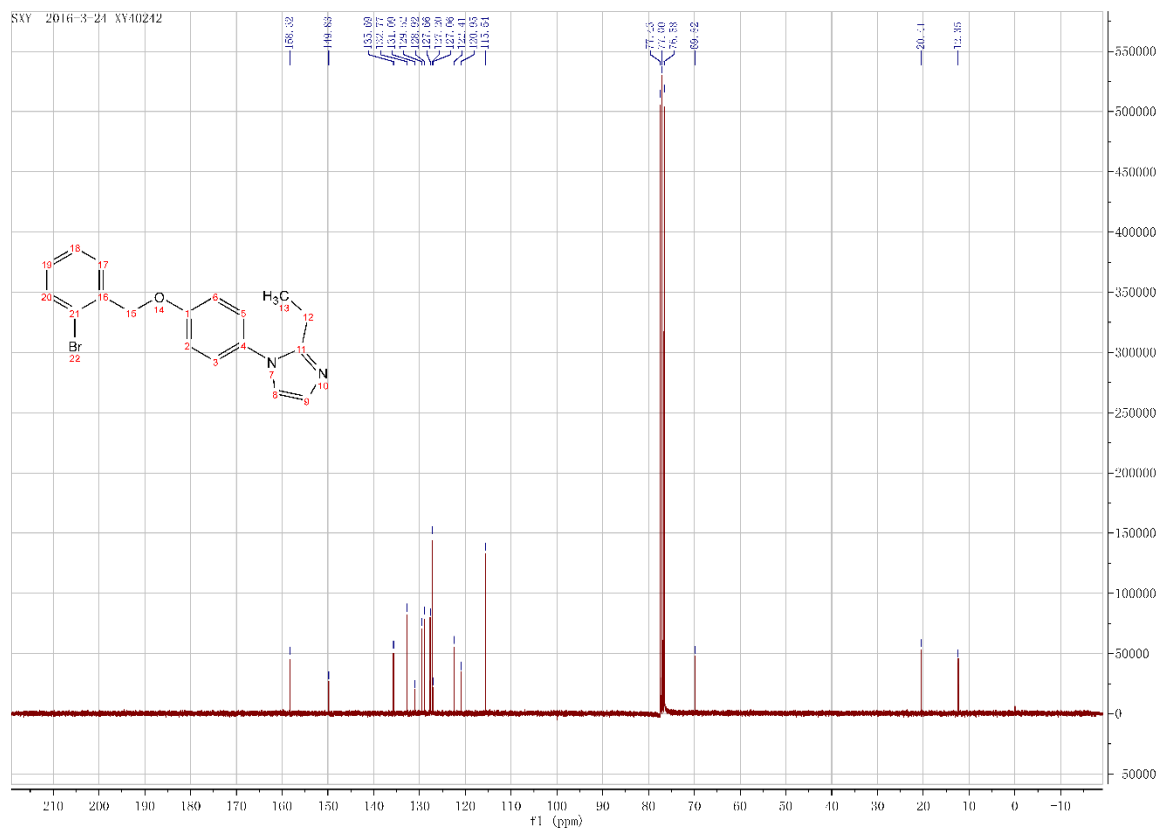


Figure S14. ^{13}C NMR (300 MHz, CDCl_3) of compound **5h**.

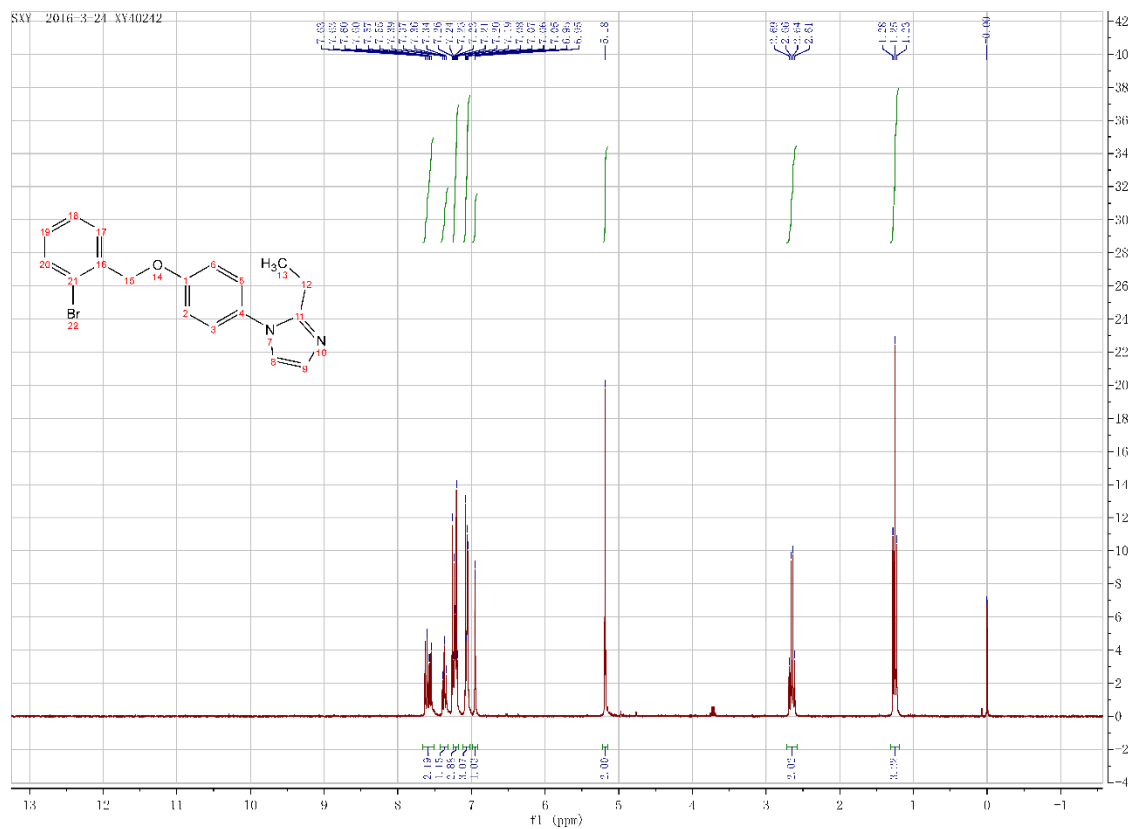


Figure S15. ^1H NMR (300 MHz, CDCl_3) of compound **5h**.

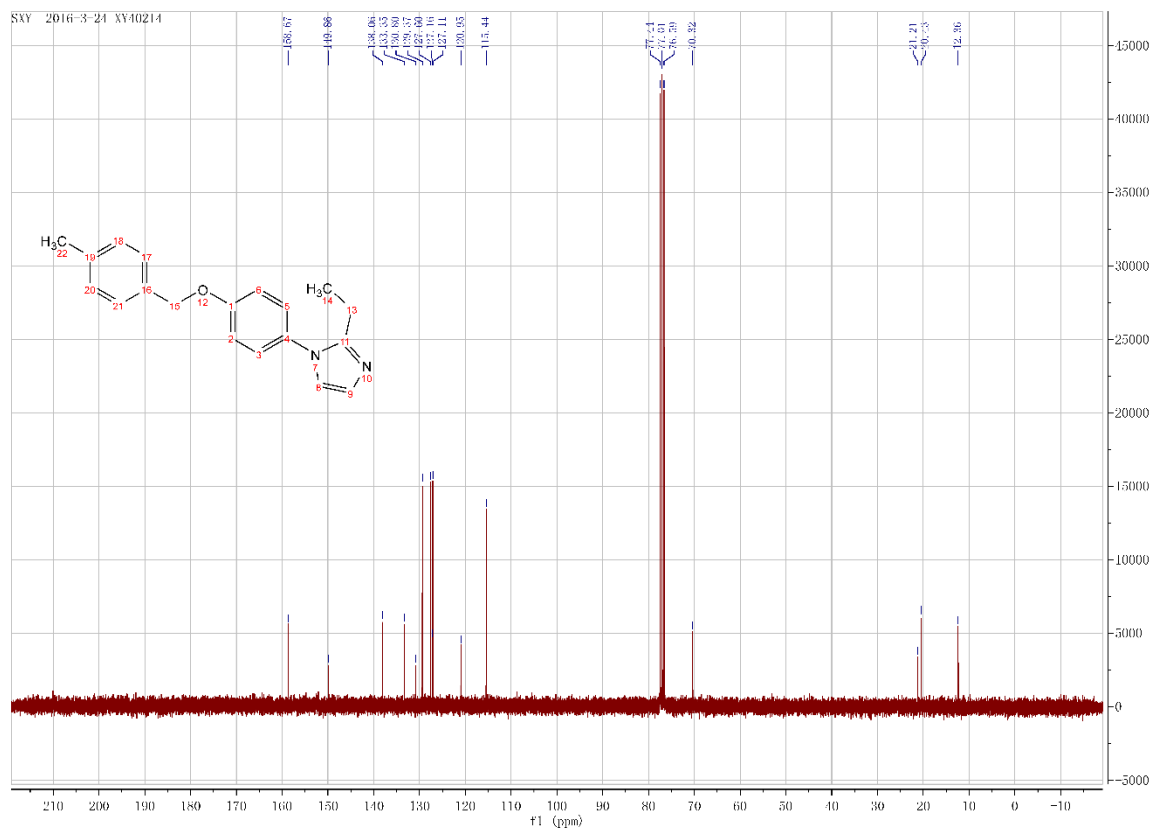
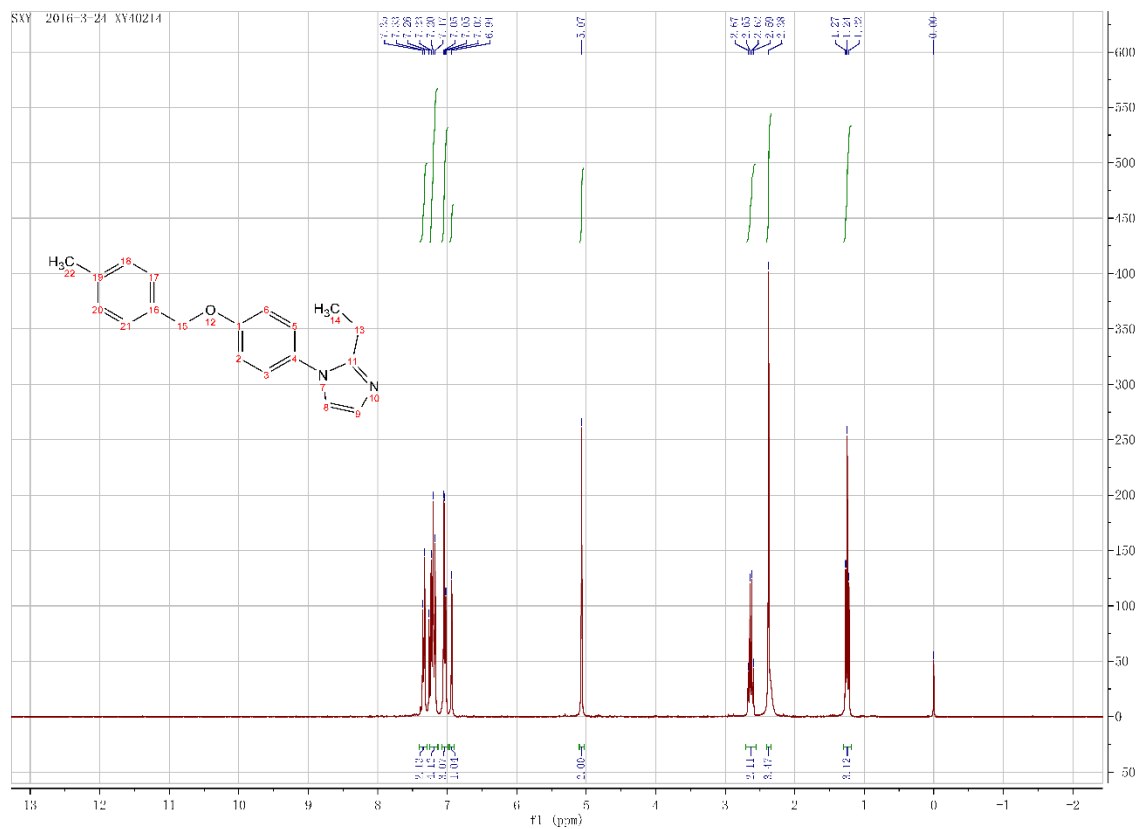


Figure S16. ¹³C NMR (300 MHz, CDCl₃) of compound **5i**.



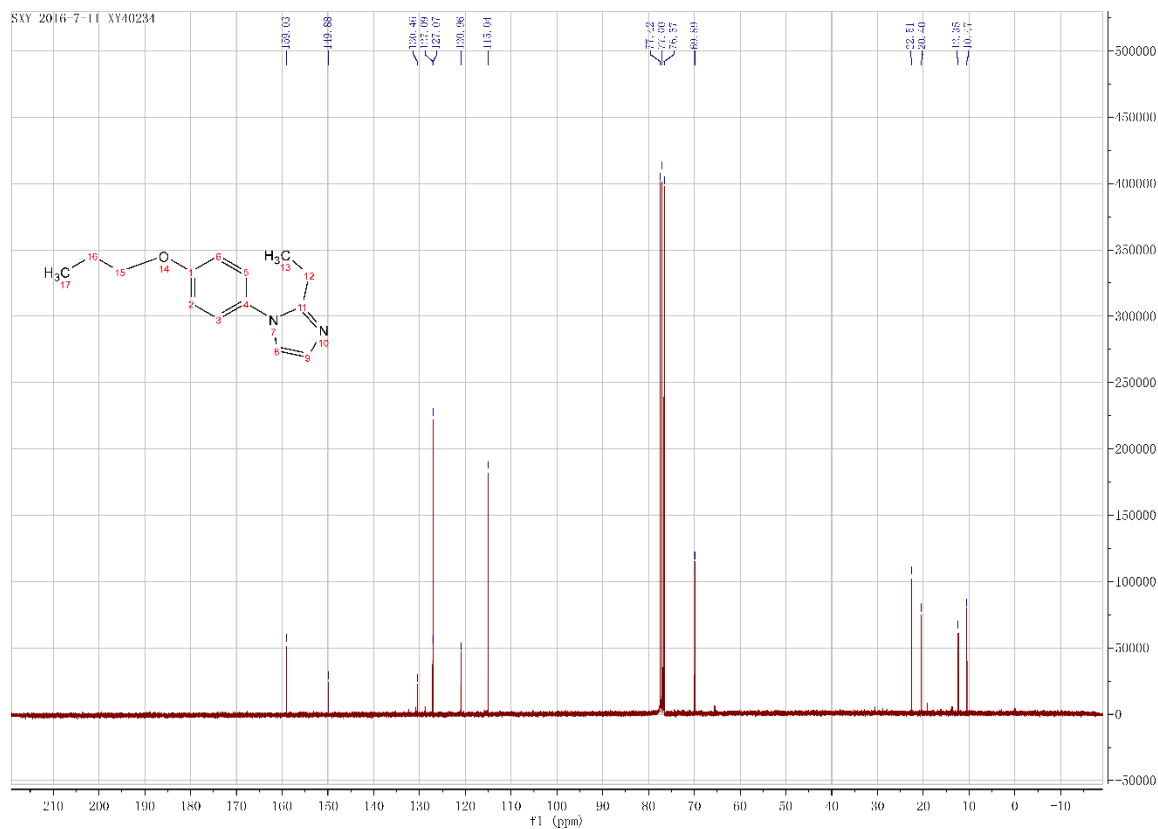


Figure S18. ¹³C NMR (300 MHz, CDCl₃) of compound **5j**.

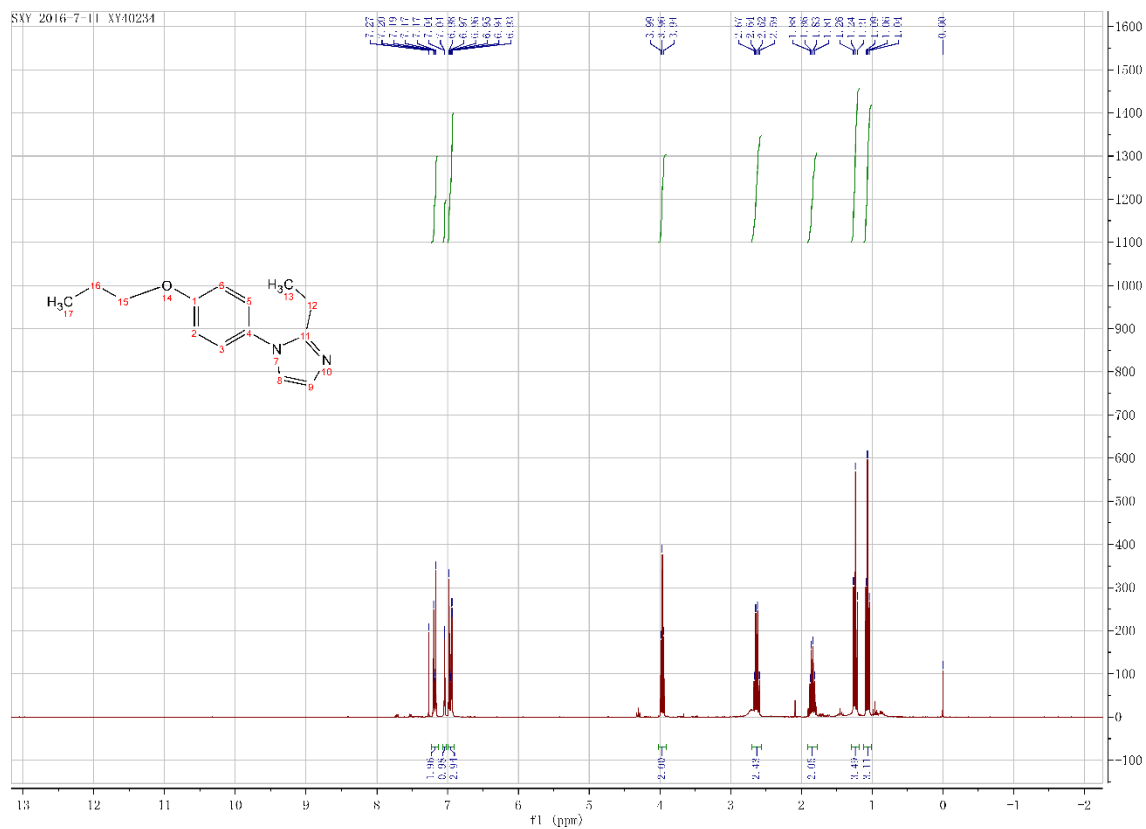


Figure S19. ¹H NMR (300 MHz, CDCl₃) of compound **5j**.

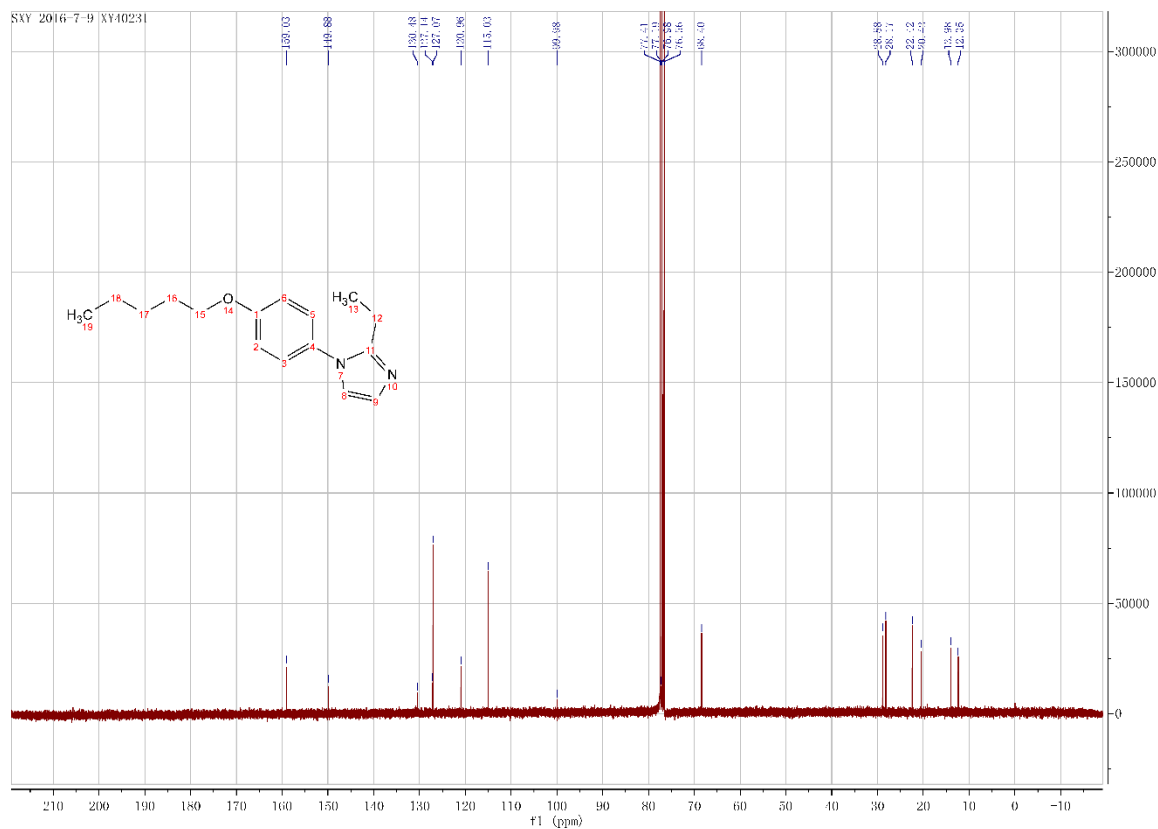


Figure S22. ¹³C NMR (300 MHz, CDCl₃) of compound **51**.

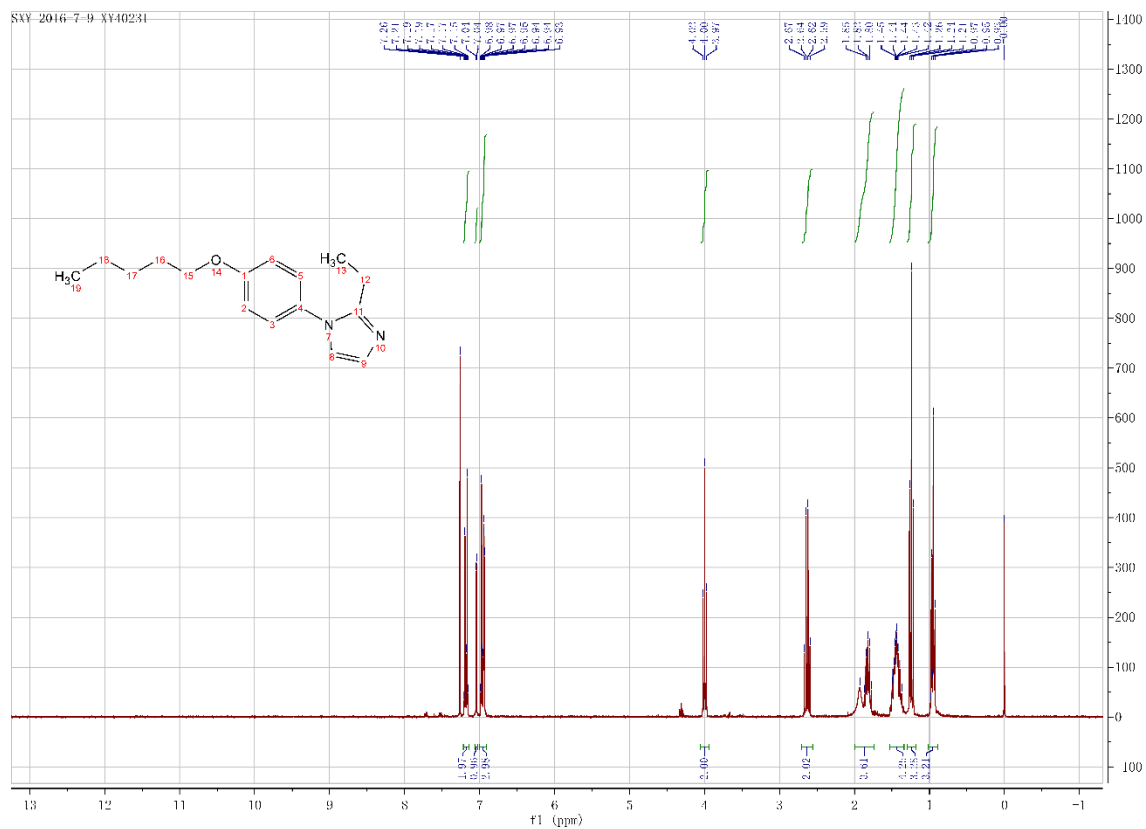


Figure S23. ¹H NMR (300 MHz, CDCl₃) of compound **51**.

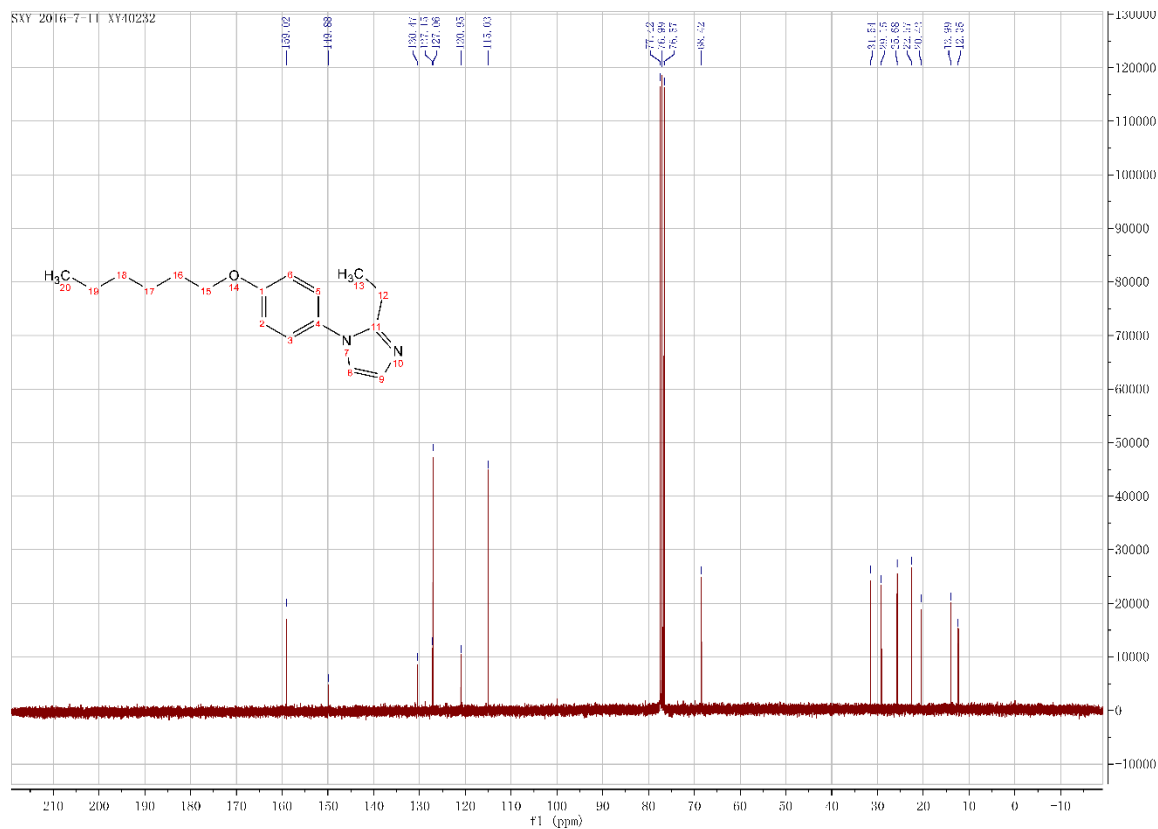


Figure S24. ¹³C NMR (300 MHz, CDCl₃) of compound **5m**.

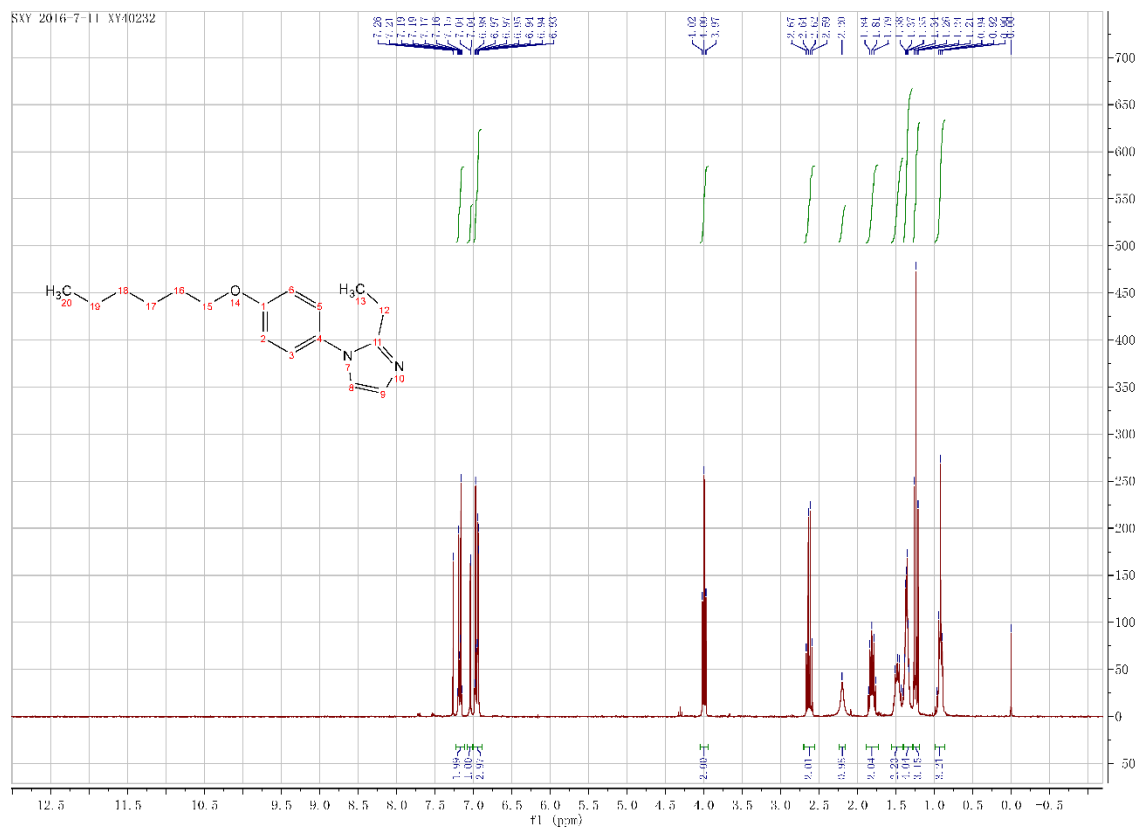


Figure S25. ¹H NMR (300 MHz, CDCl₃) of compound **5m**.

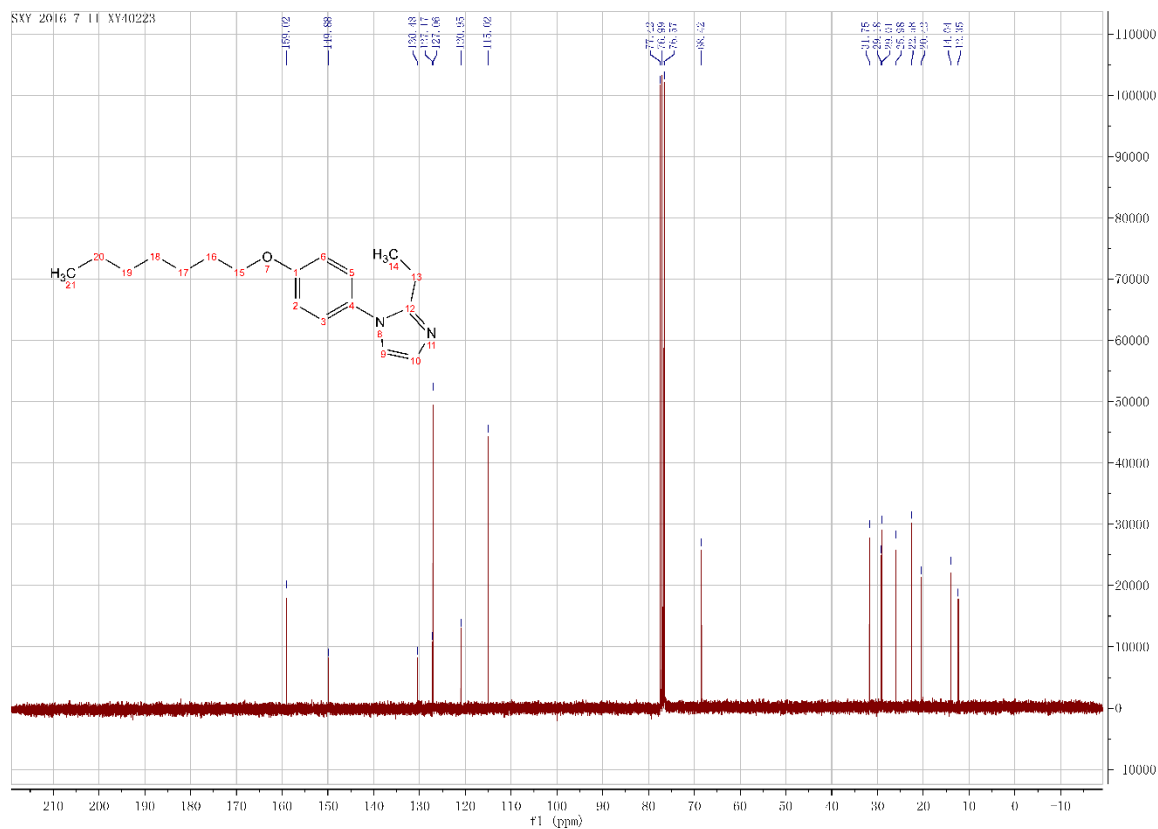


Figure S26. ^{13}C NMR (300 MHz, CDCl_3) of compound **5n**.

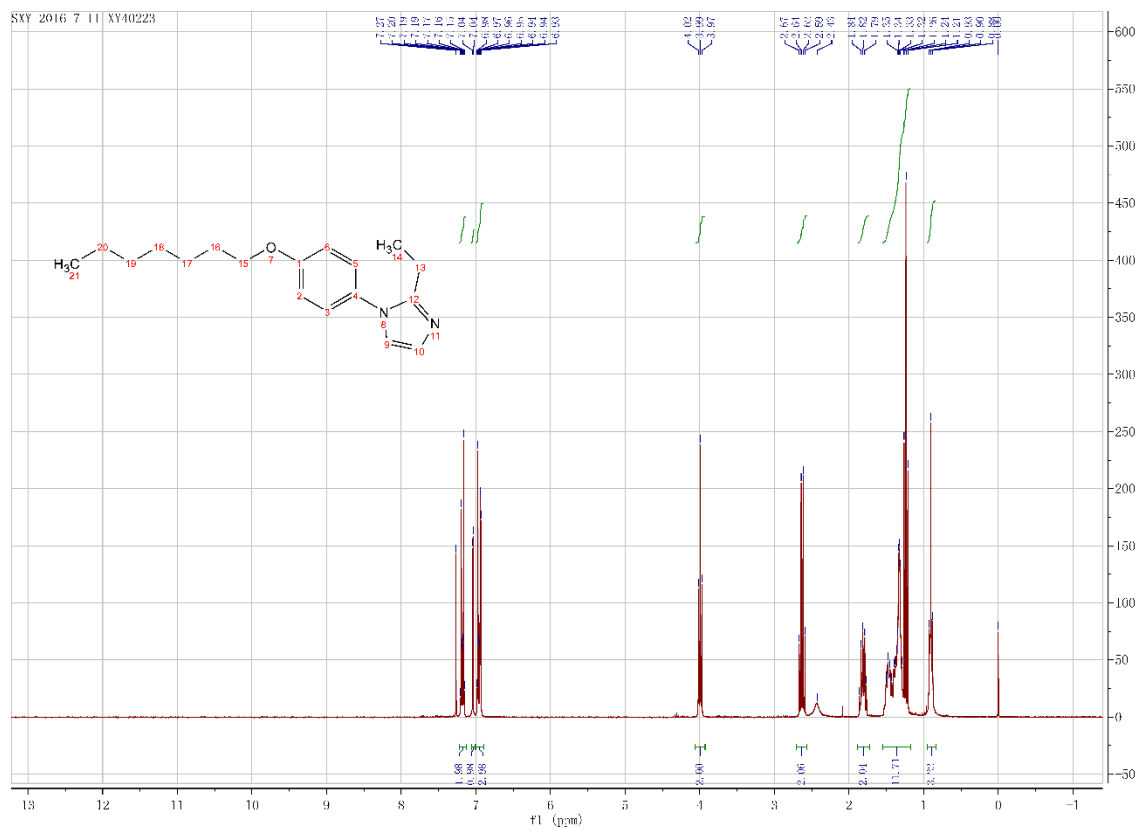


Figure S27. ^1H NMR (300 MHz, CDCl_3) of compound **5n**.

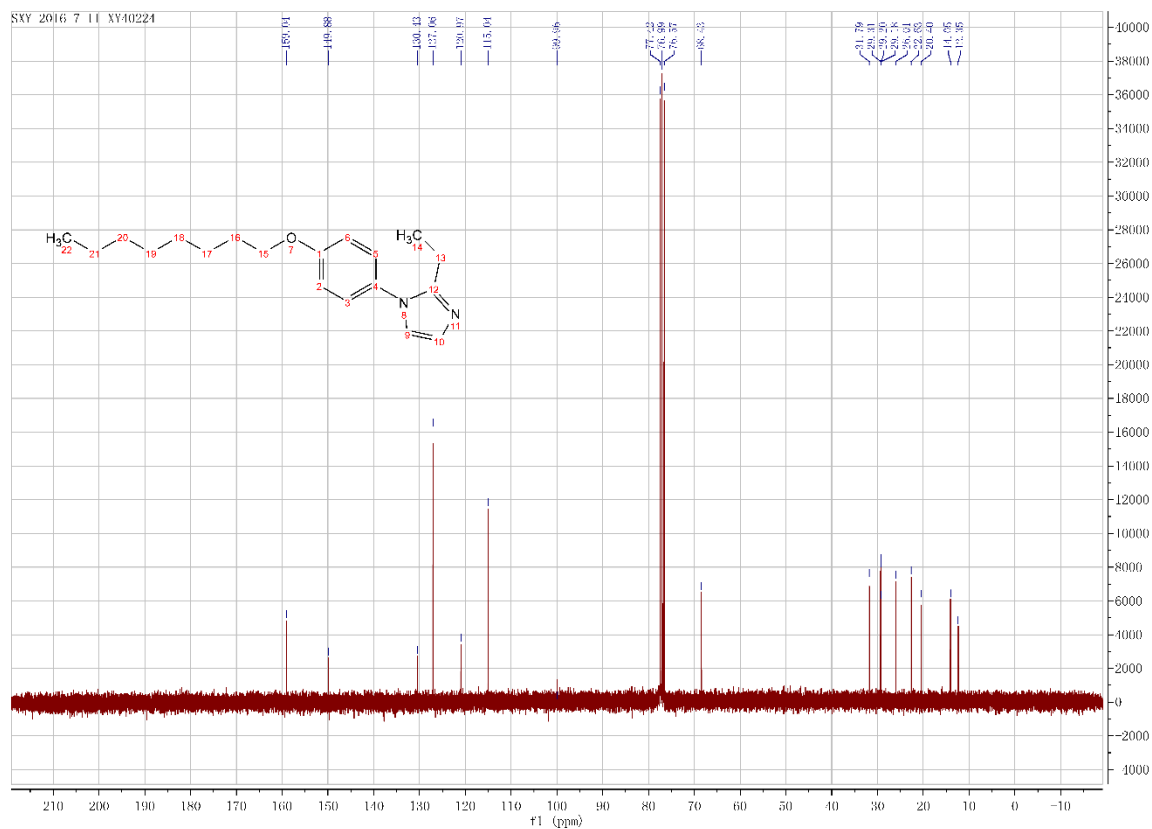


Figure S28. ^{13}C NMR (300 MHz, CDCl_3) of compound **5o**.

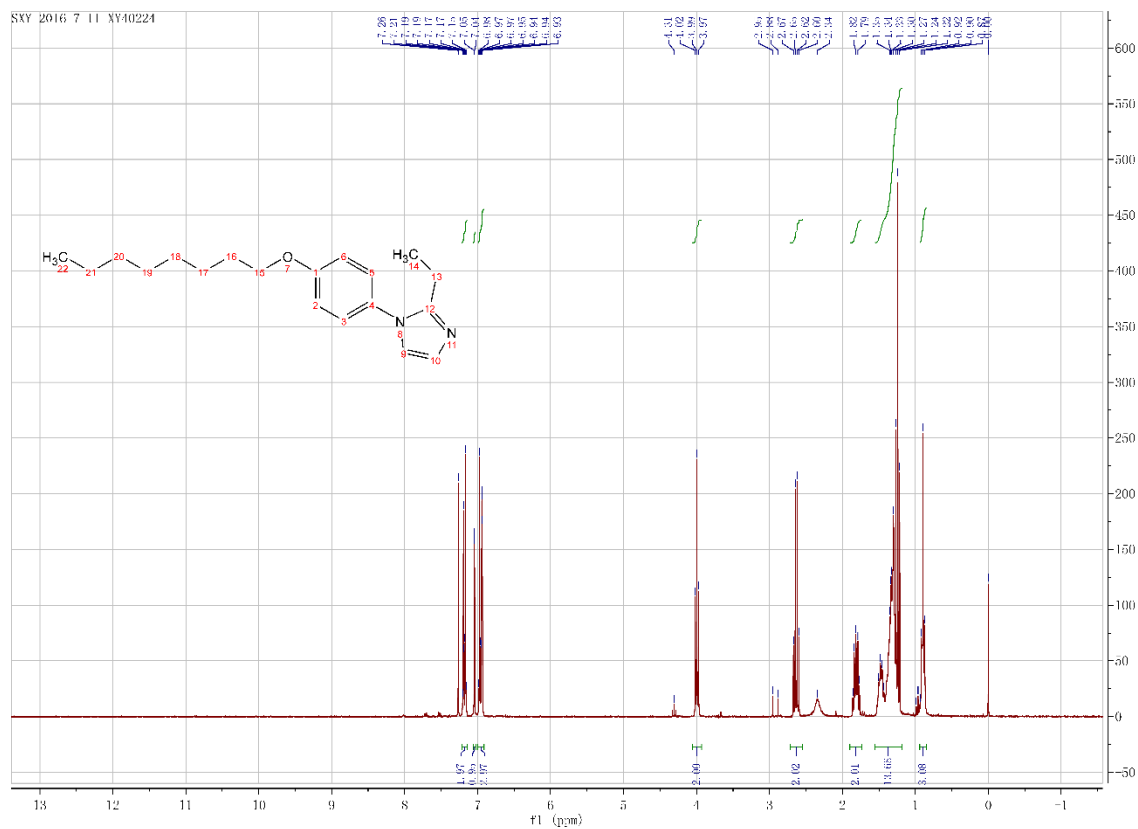


Figure S29. ^1H NMR (300 MHz, CDCl_3) of compound **50**.

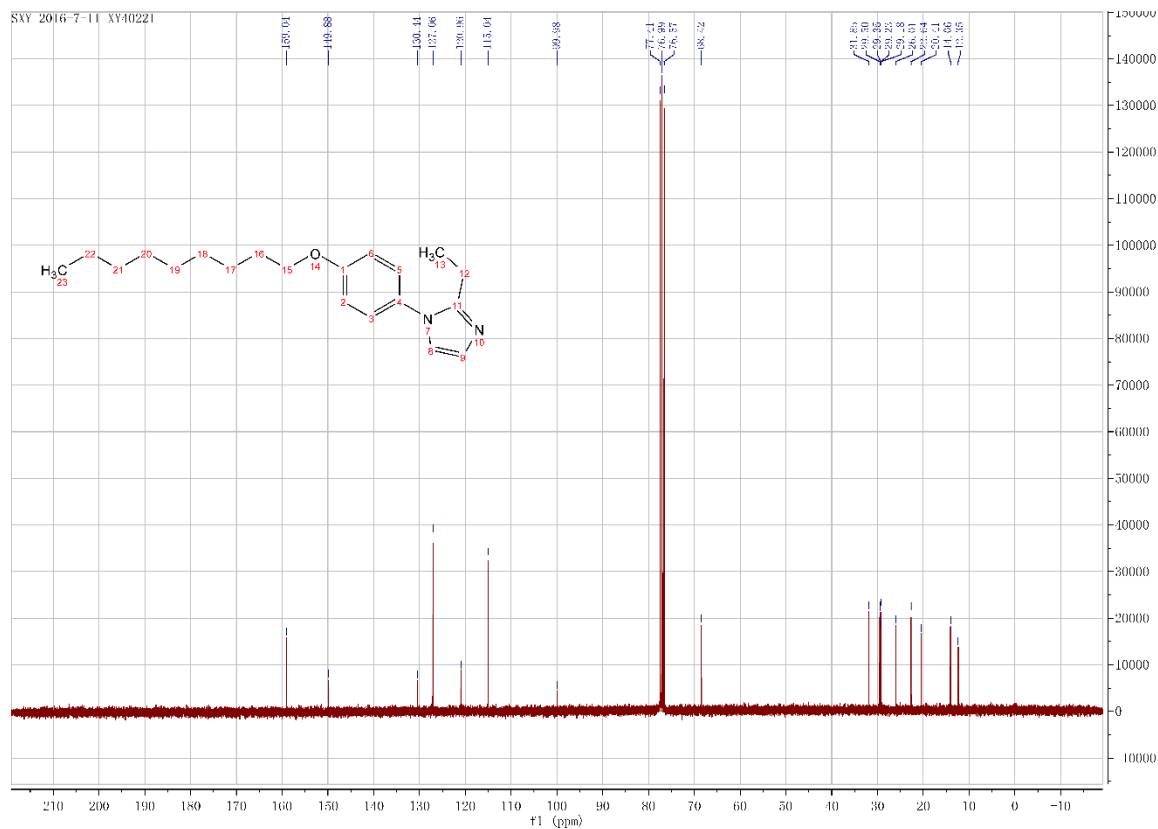


Figure S30. ^{13}C NMR (300 MHz, CDCl_3) of compound **5p**.

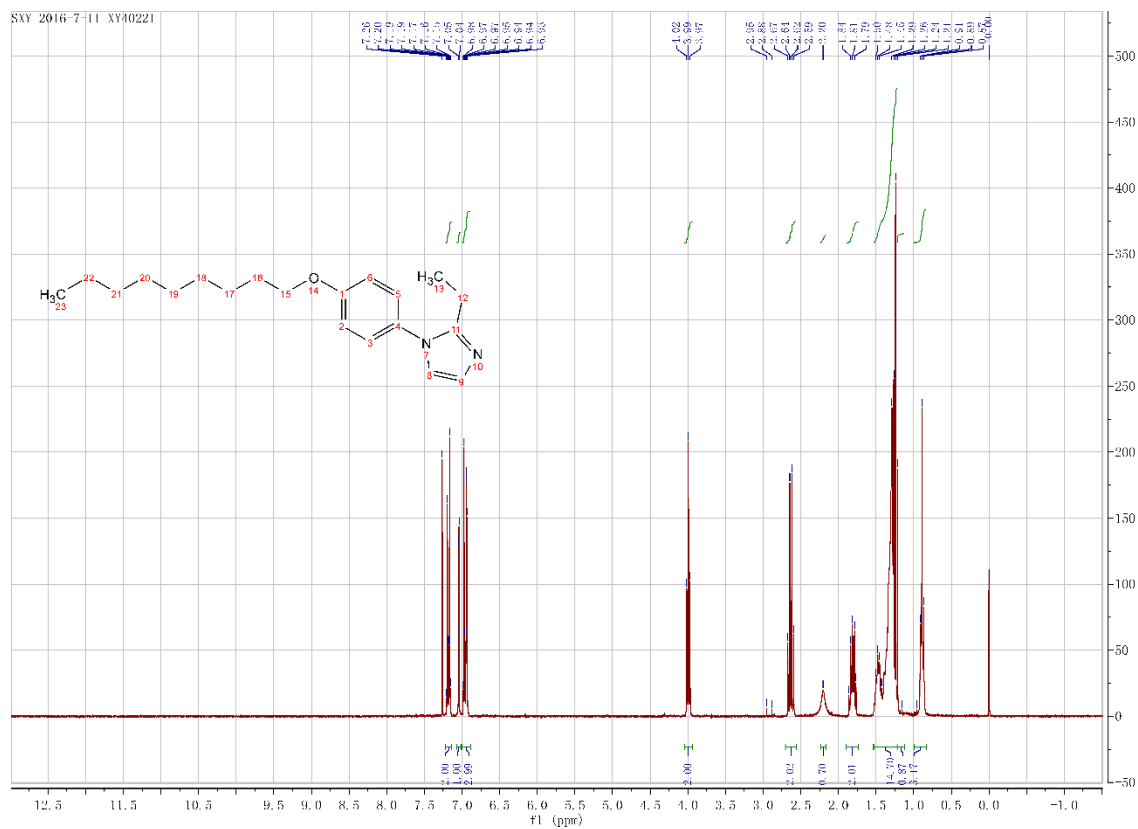


Figure S31. ^1H NMR (300 MHz, CDCl_3) of compound **5p**.

