

Supplementary Information

Synthesis, antioxidant and antibacterial activities of quinoline incorporated 2,4,5-trisubstituted imidazole derivatives

B Somashekara^{a,b} & G R Vijayakumar^{*a}

^aDepartment of Chemistry, University College of Science, Tumkur University, Tumkur 572 103, India

^bDepartment of Chemistry, Smt. Indira Gandhi Government First Grade Women's College, Sagar 577 401, India

E-mail: vijaykumargr18@gmail.com

Received 31 July 2020; accepted (revised) 4 August 2021

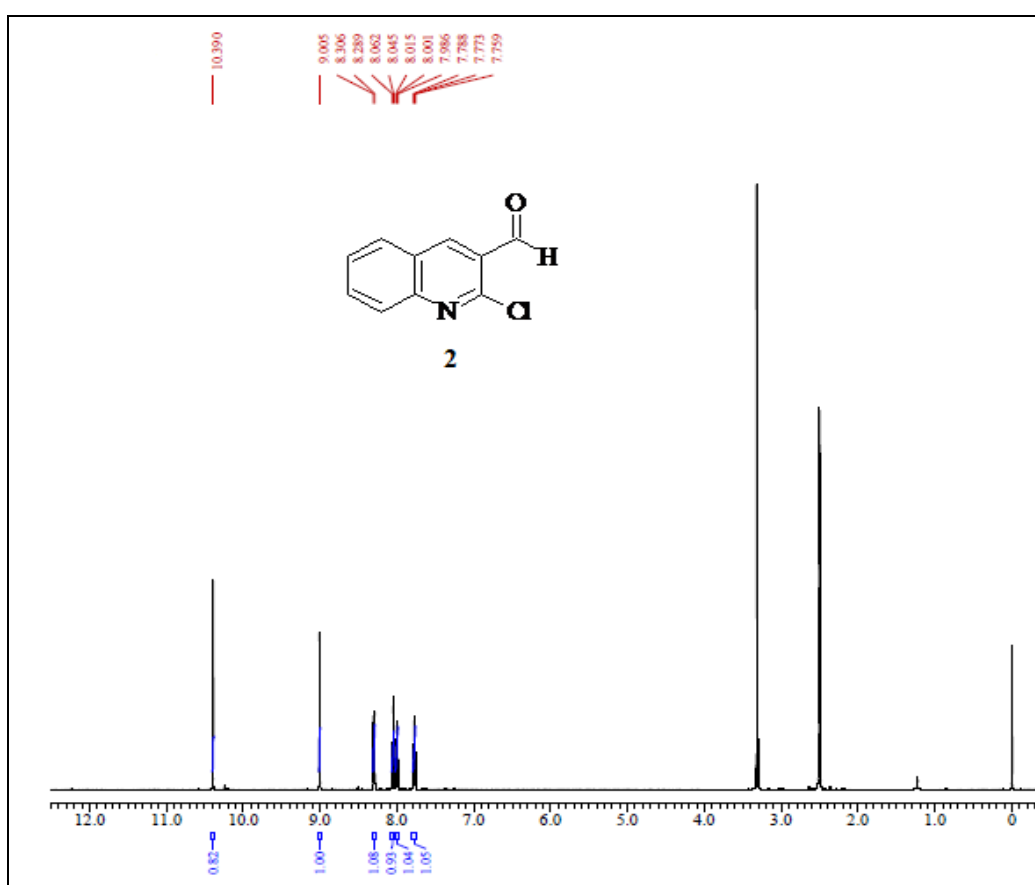


Figure 1: ¹H NMR Spectrum of compound **2**

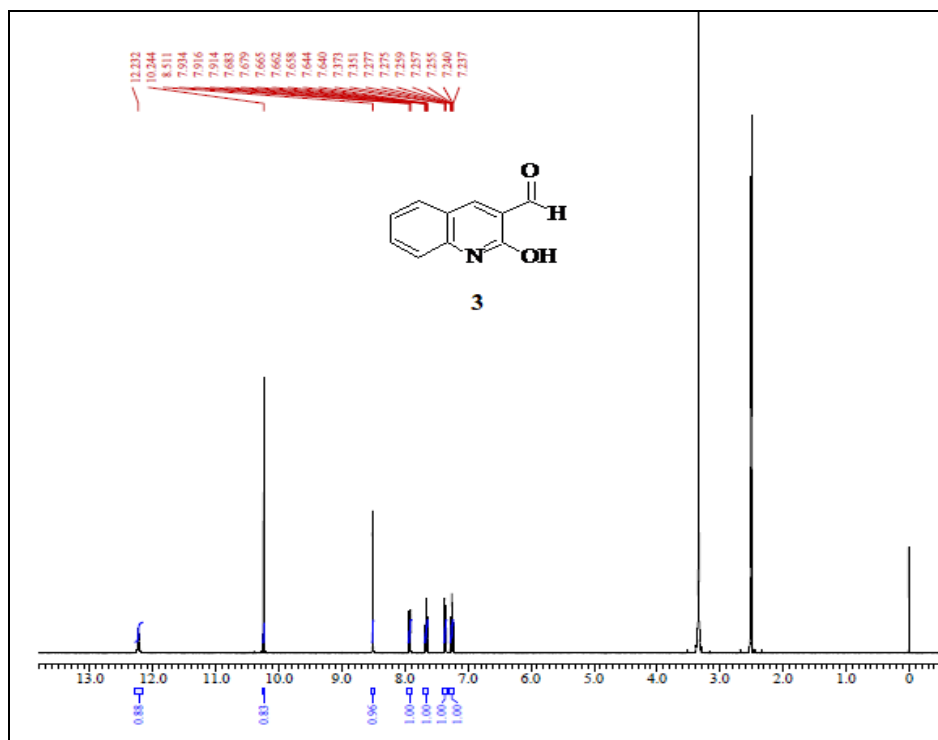


Figure 2: ¹H NMR Spectrum of compound 3

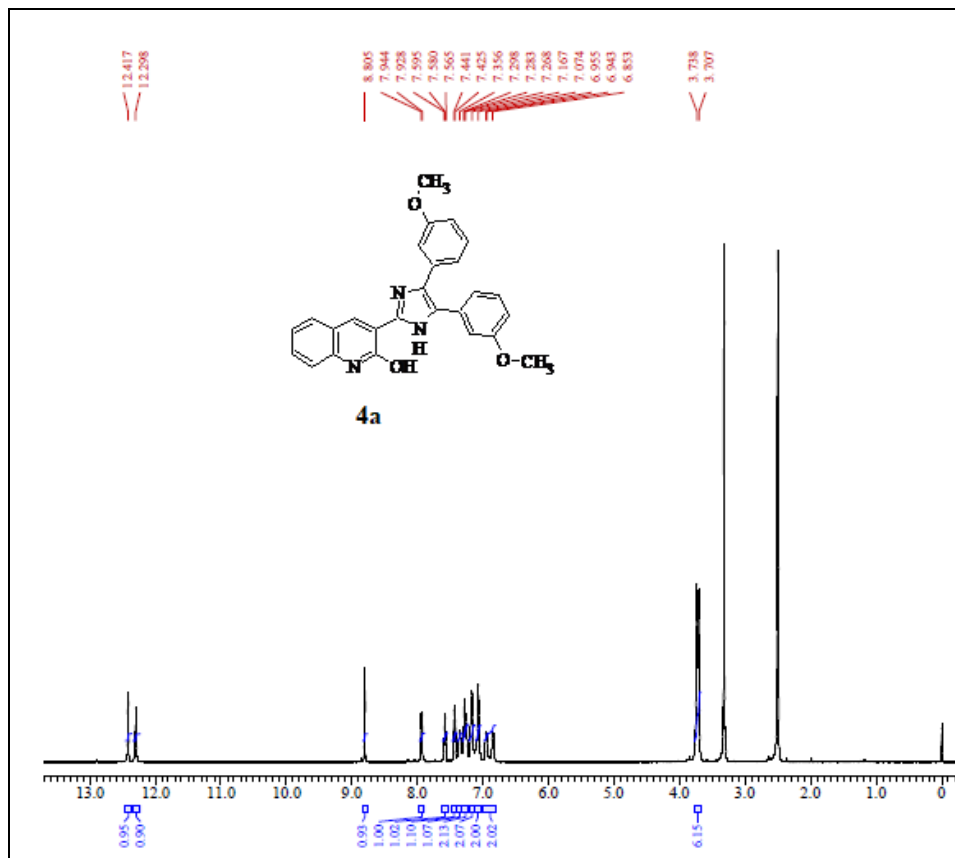


Figure 3: ¹H NMR Spectrum of compound 4a

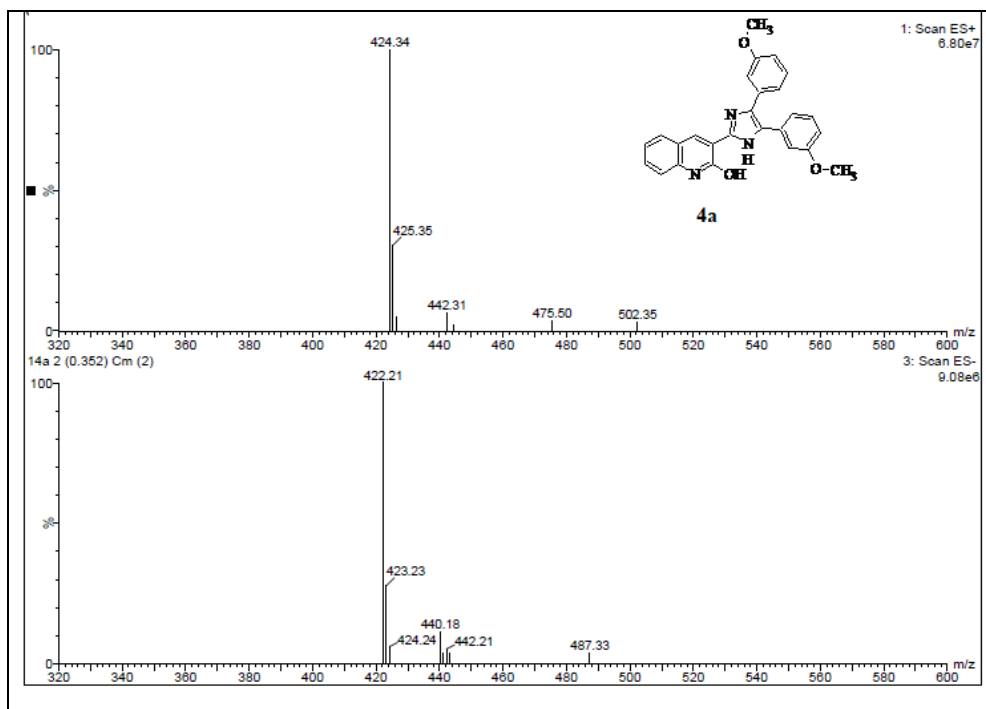


Figure 4: Mass spectrum of compound **4a**

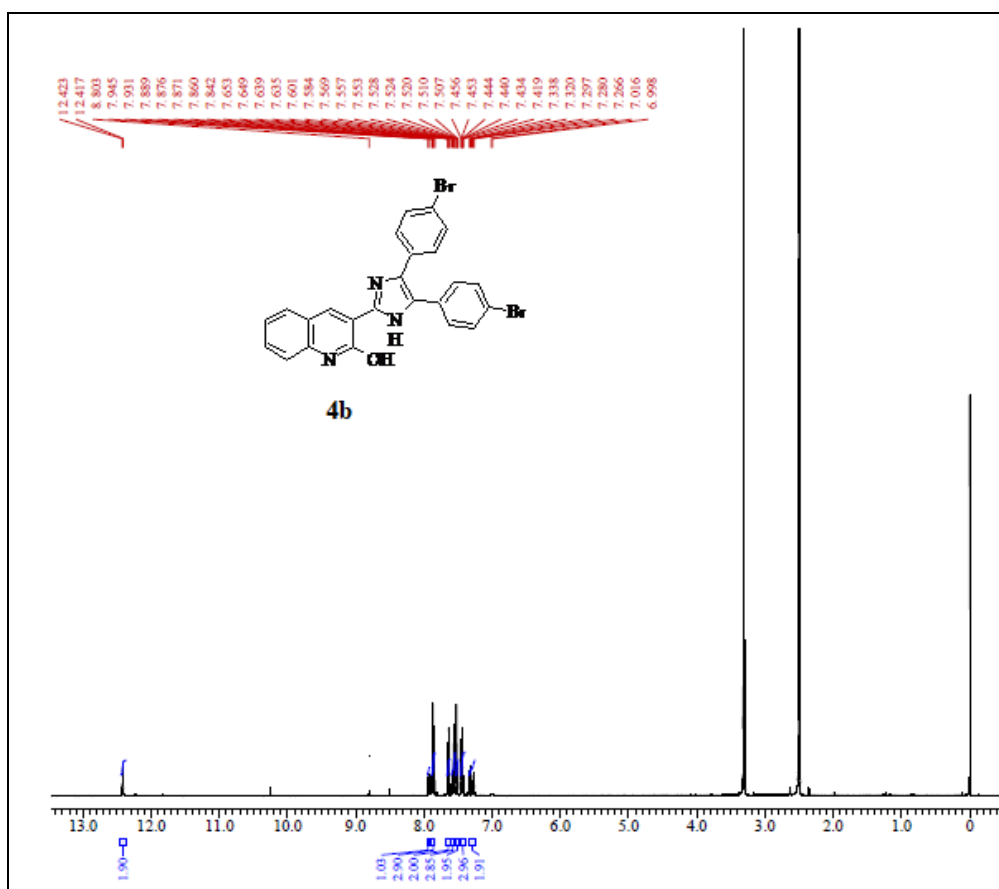


Figure 5: ^1H NMR spectrum of compound **4b**

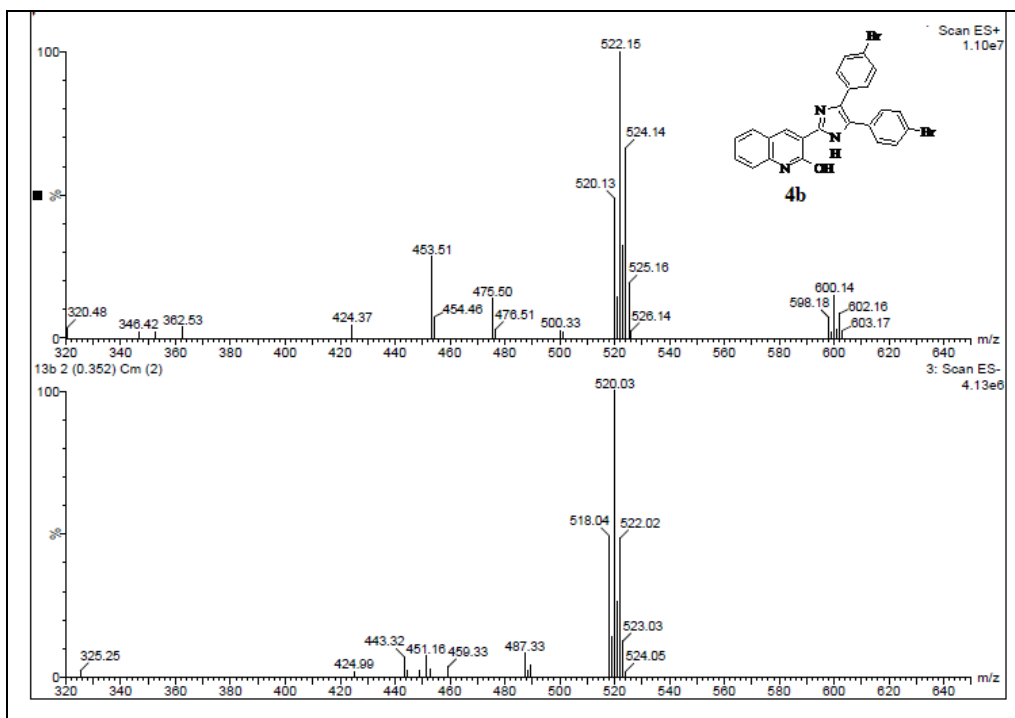


Figure 6: Mass spectrum of compound **4b**

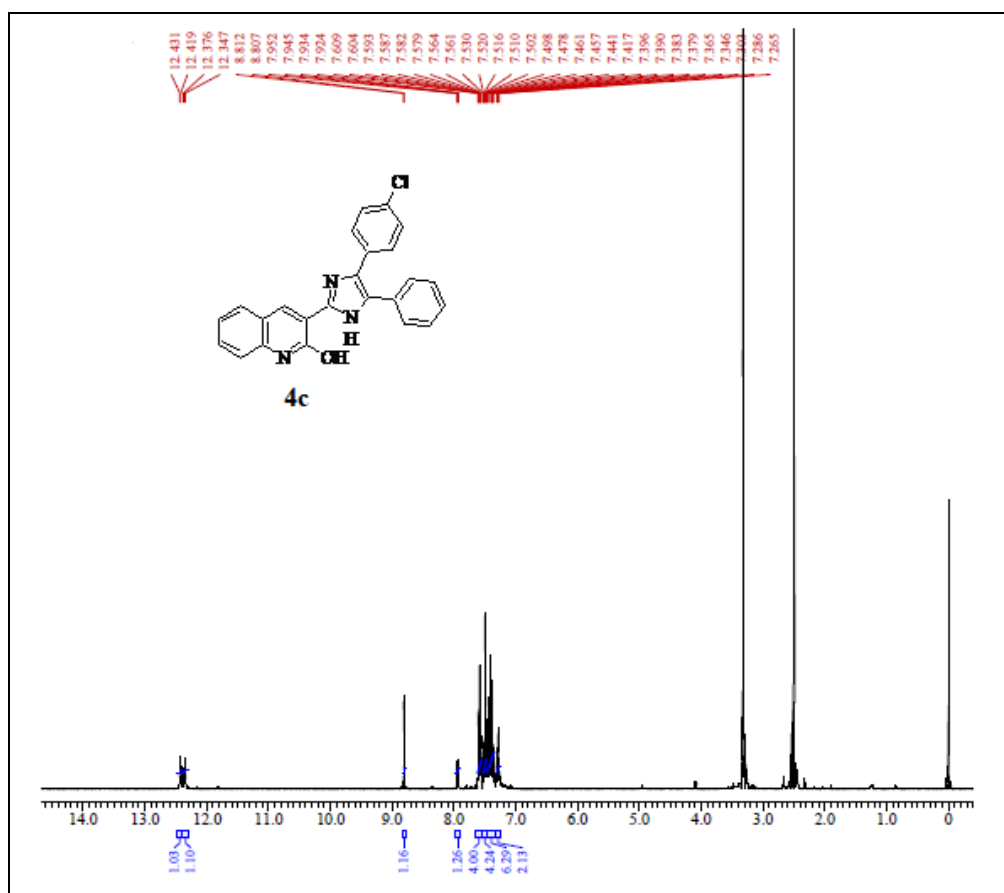


Figure 7: ^1H NMR Spectra of compound **4c**

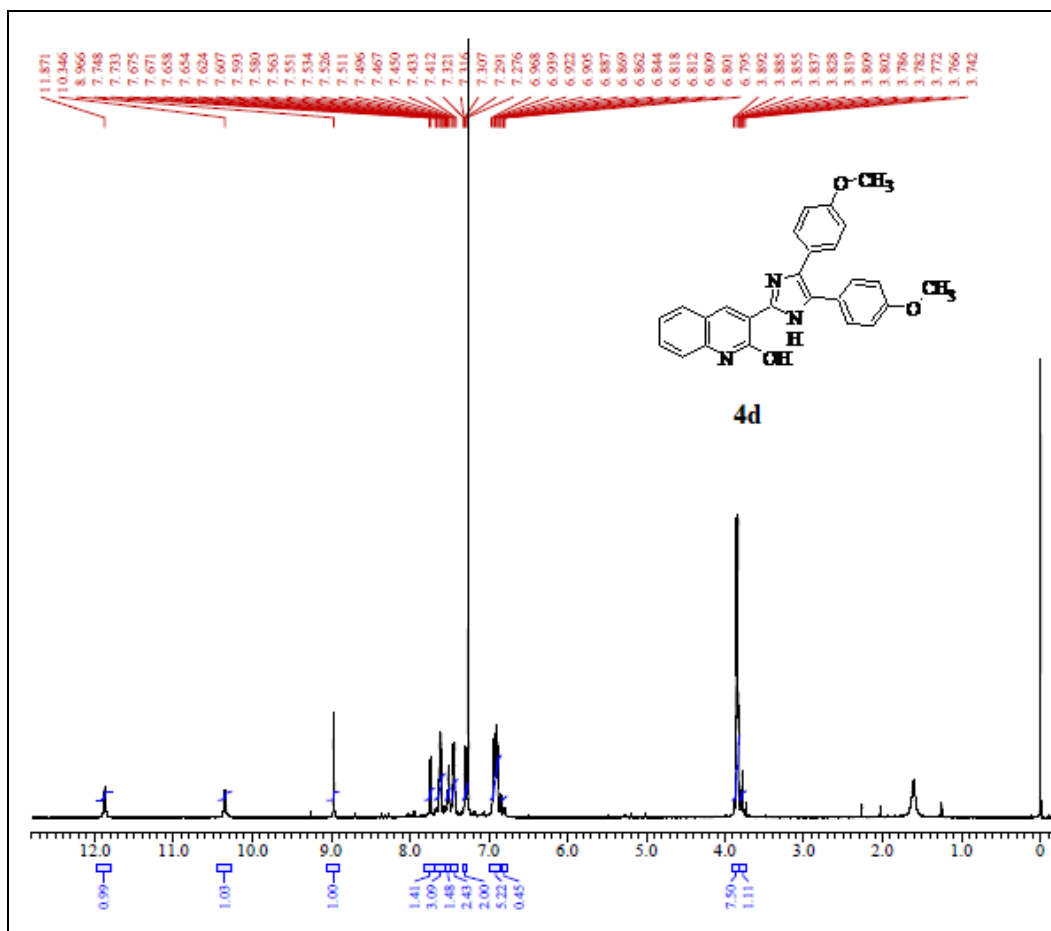


Figure 8: ^1H NMR Spectra of compound **4d**

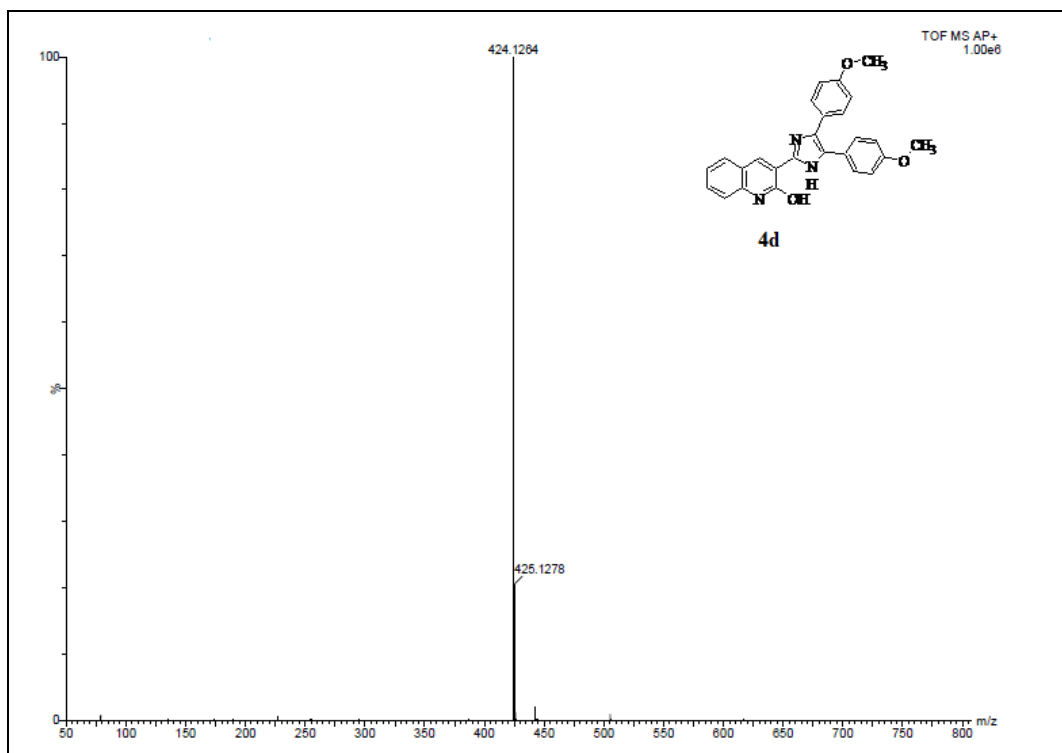


Figure 9: Mass spectrum of compound 4d

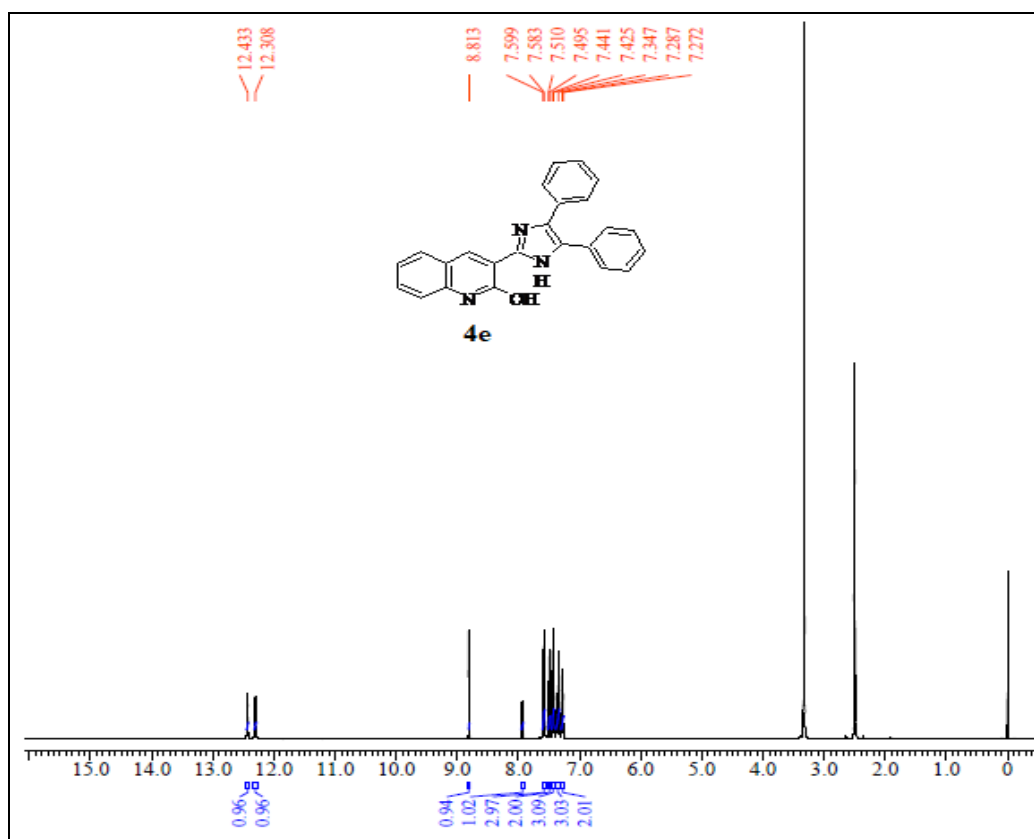


Figure 10: ^1H NMR spectrum of compound 4e

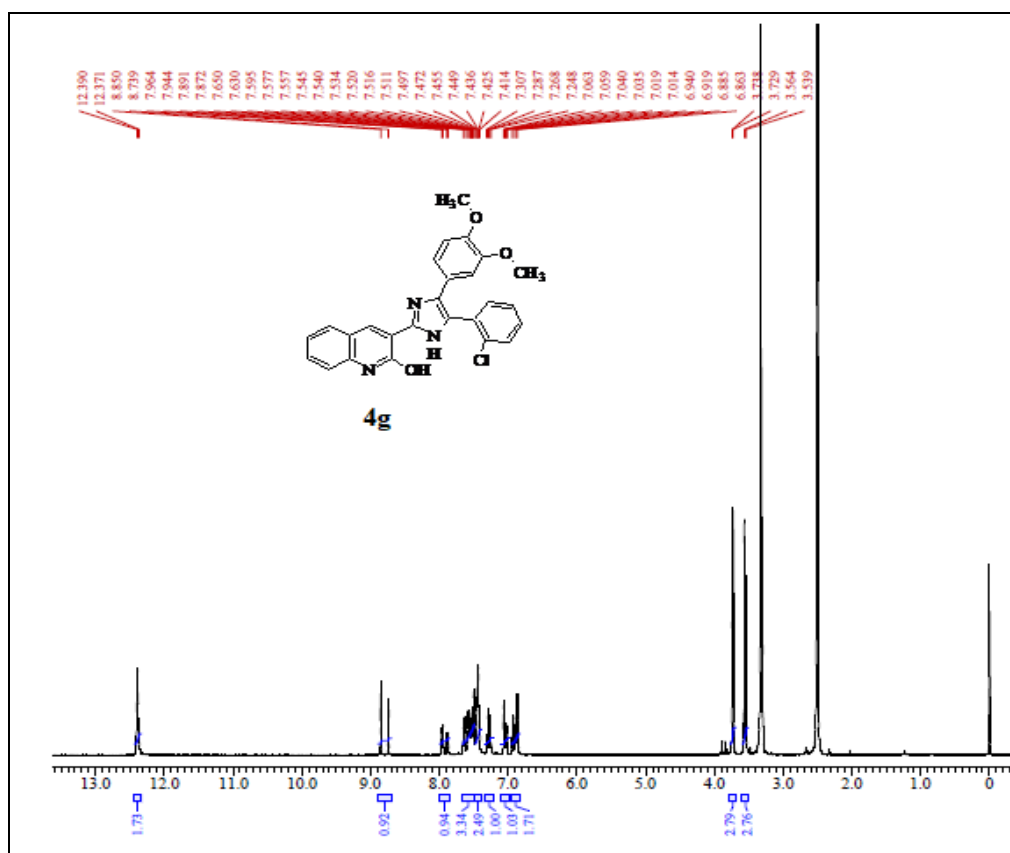


Figure 11: ¹H NMR spectrum of compound **4g**

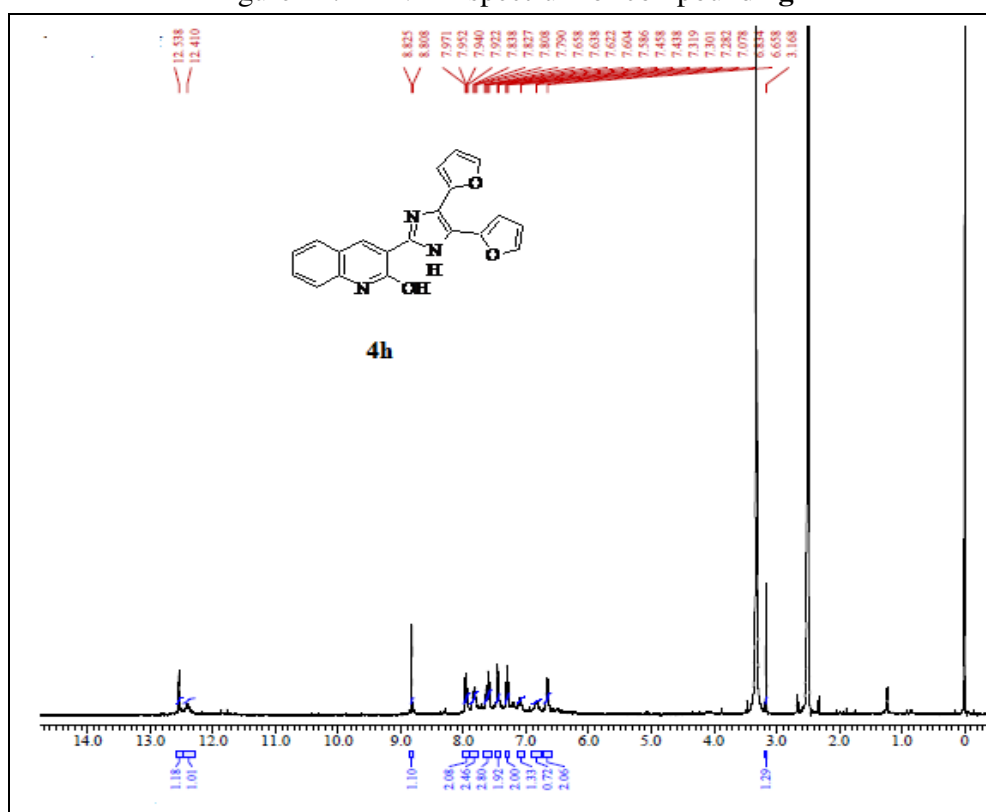


Figure 12: ¹H NMR spectrum of compound **4h**

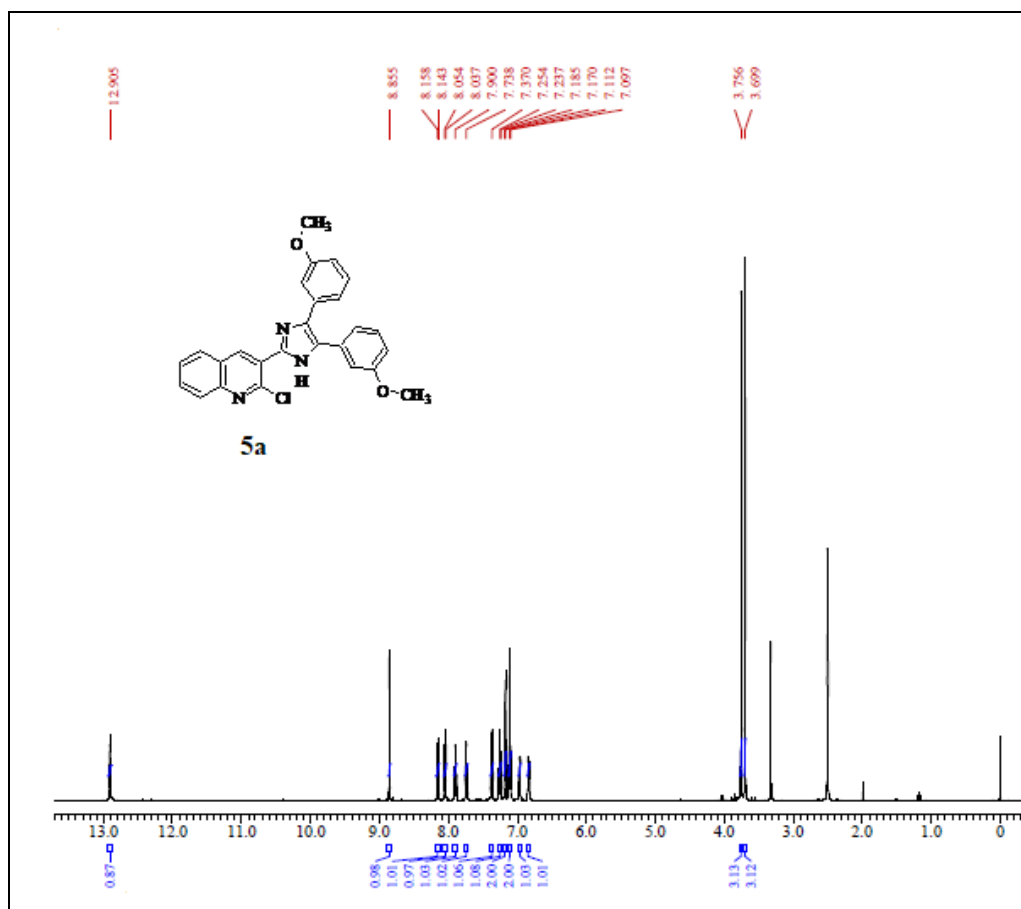


Figure 13 : ¹H NMR spectrum of compound **5a**

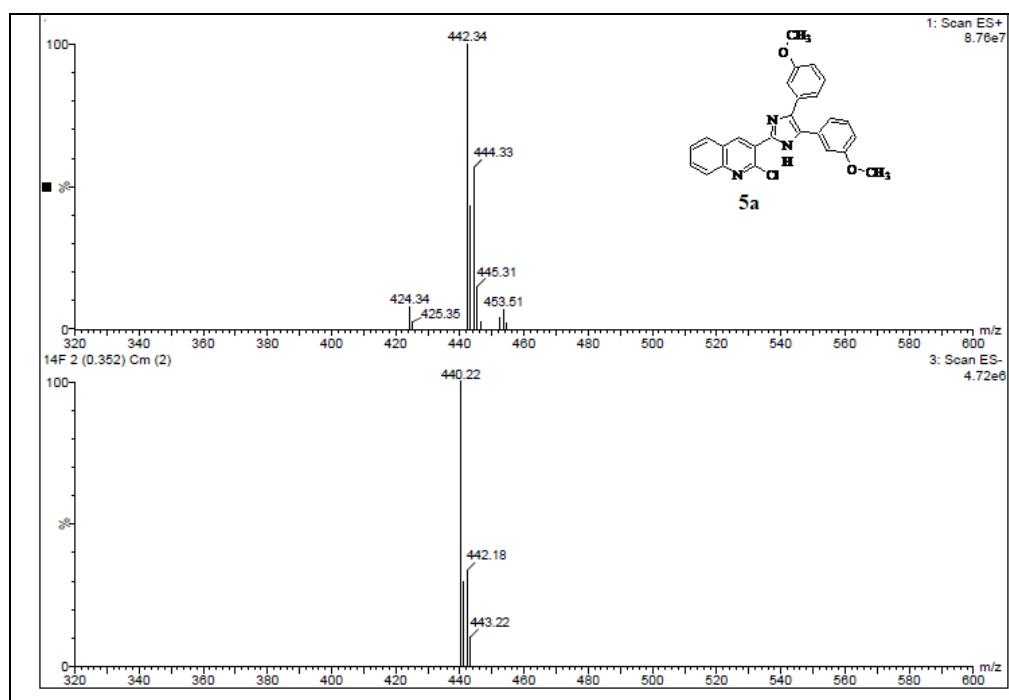


Figure 14: Mass spectrum of compound **5a**

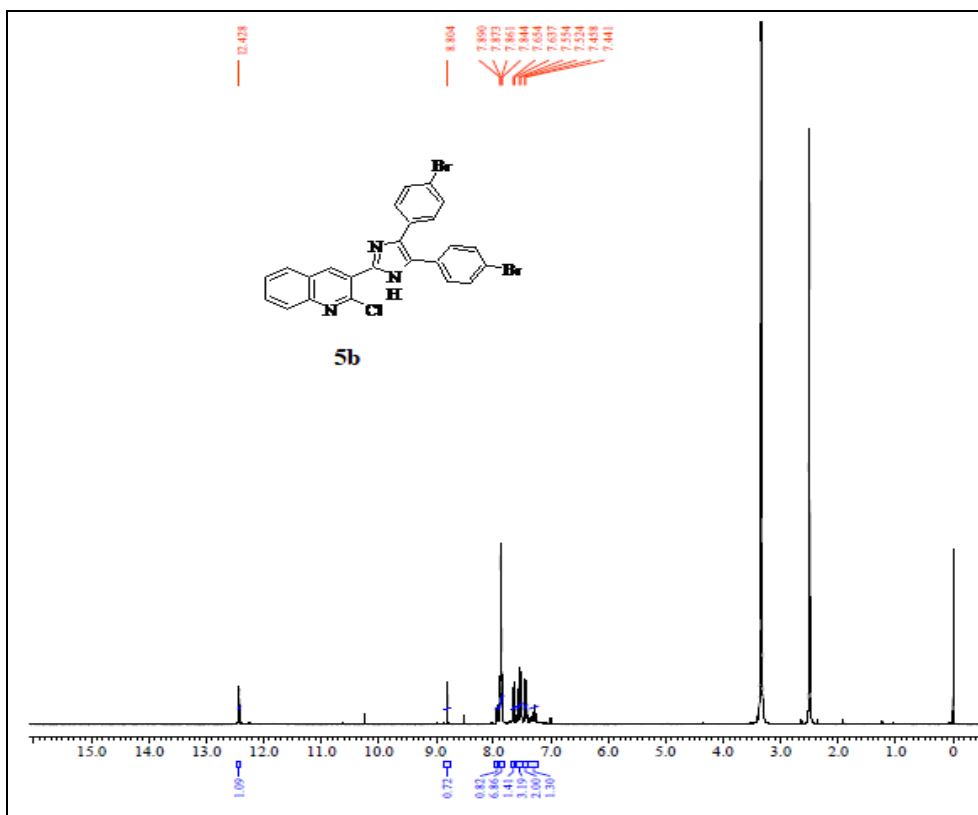


Figure 15: ¹H NMR spectrum of compound **5b**

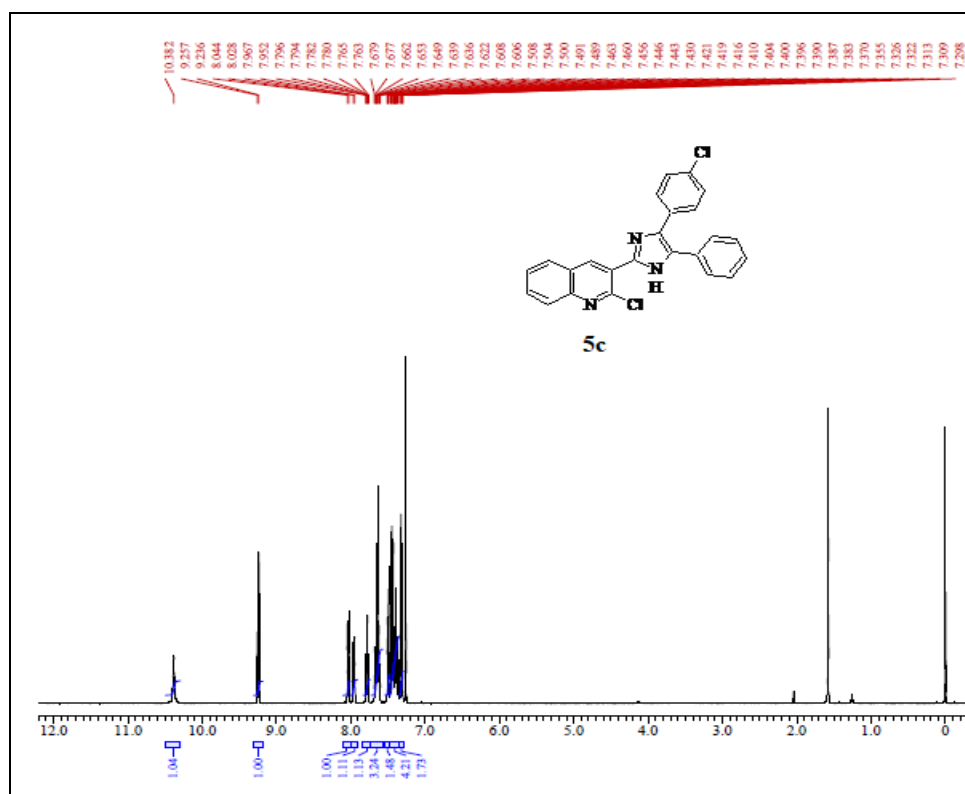


Figure 16 : ¹H NMR spectrum of compound **5c**

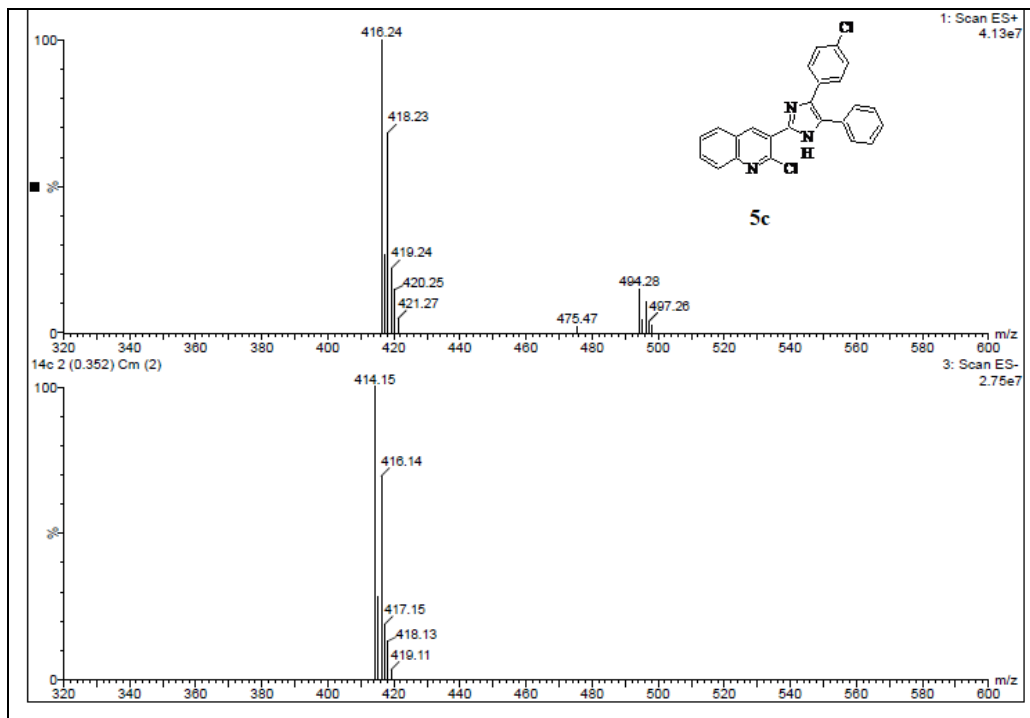


Figure 17: Mass spectrum of compound **5c**

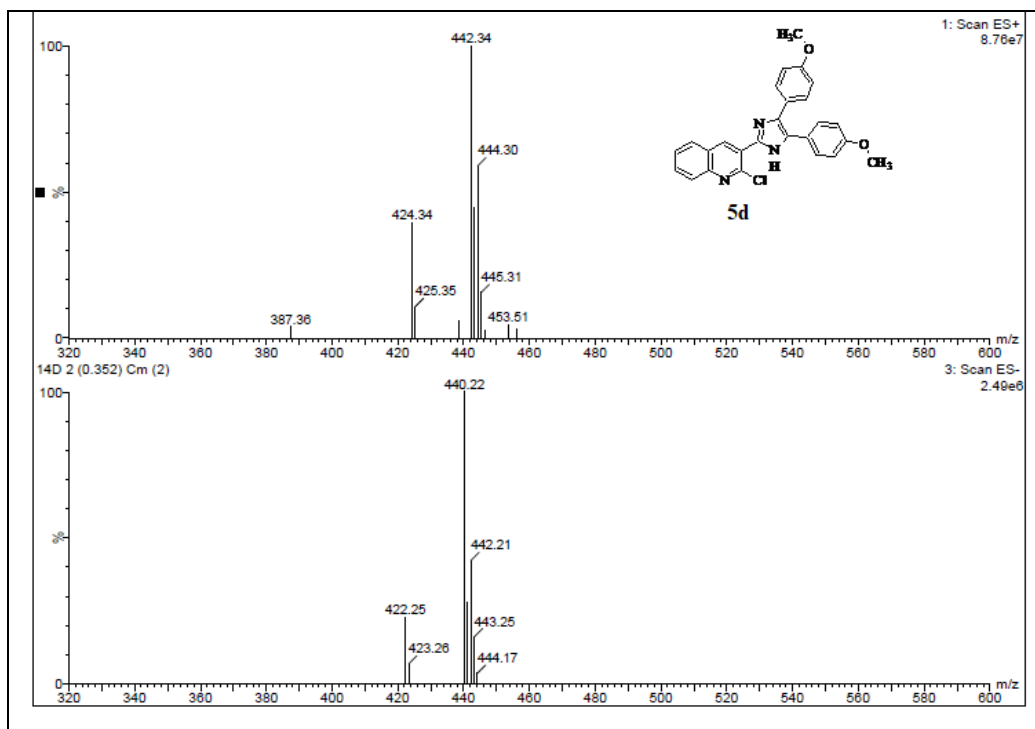


Figure 18 : Mass spectrum of compound **5d**

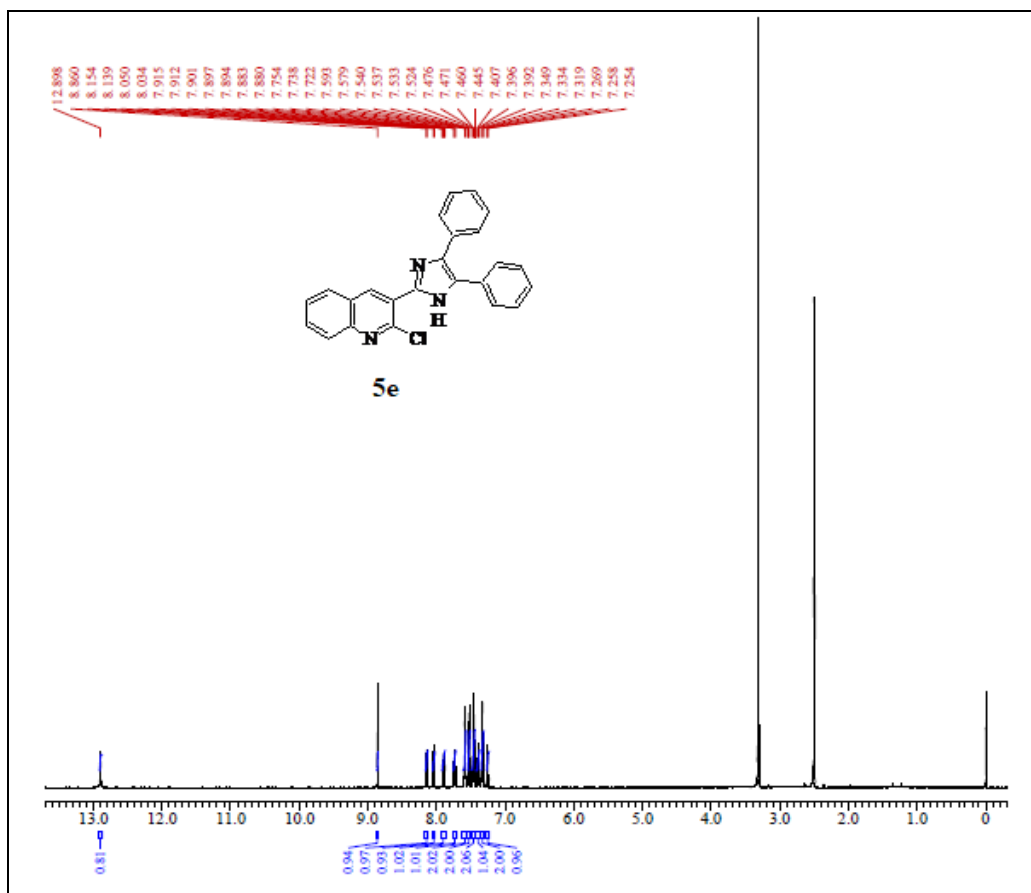


Figure 19: ^1H NMR spectrum of compound **5e**

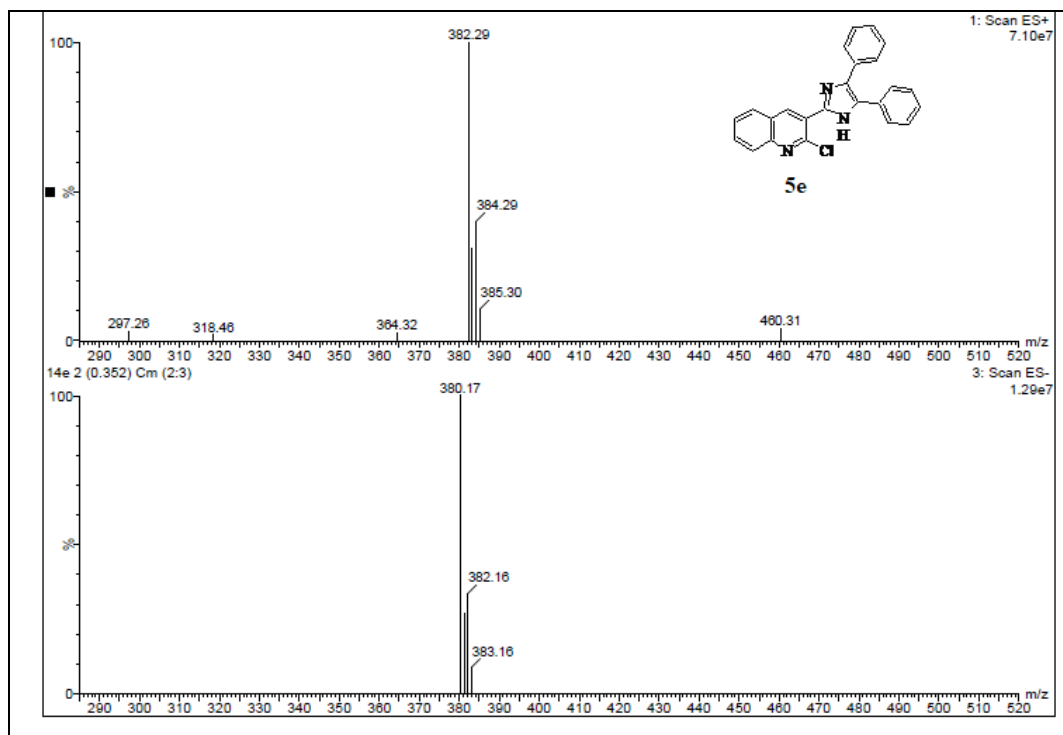


Figure 20: Mass spectrum of compound **5e**

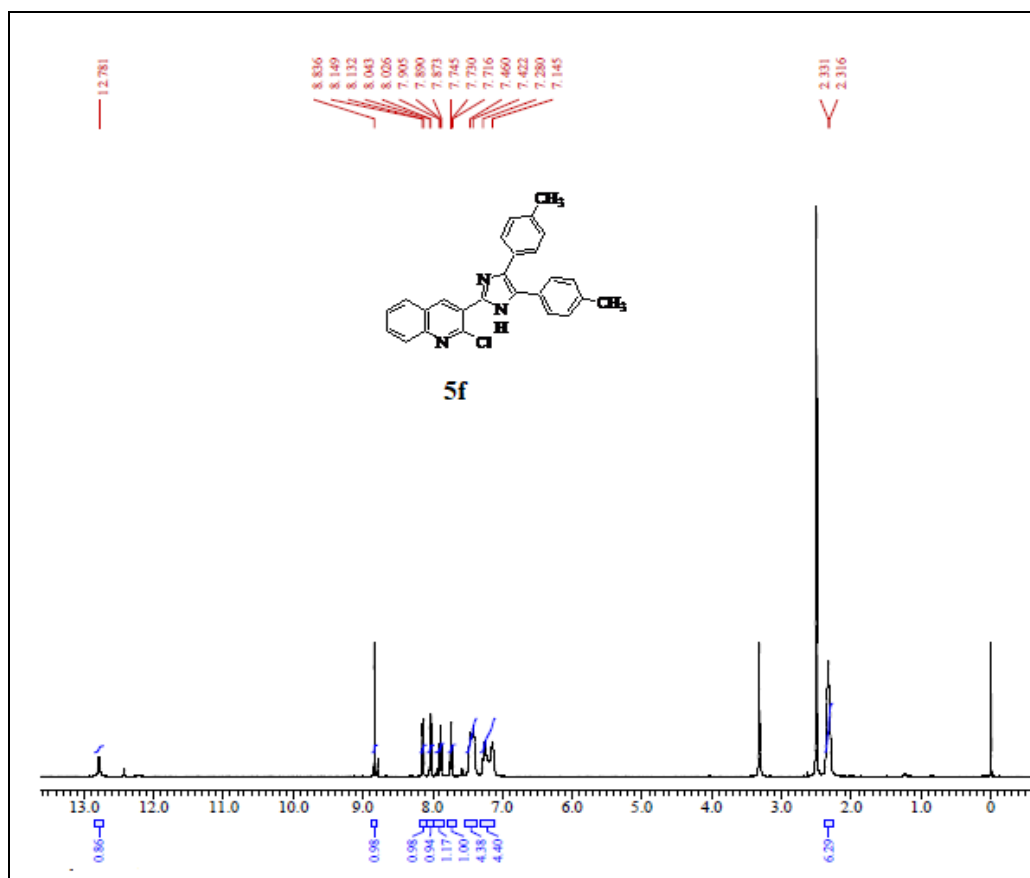


Figure 21: ^1H NMR spectrum of compound **5f**

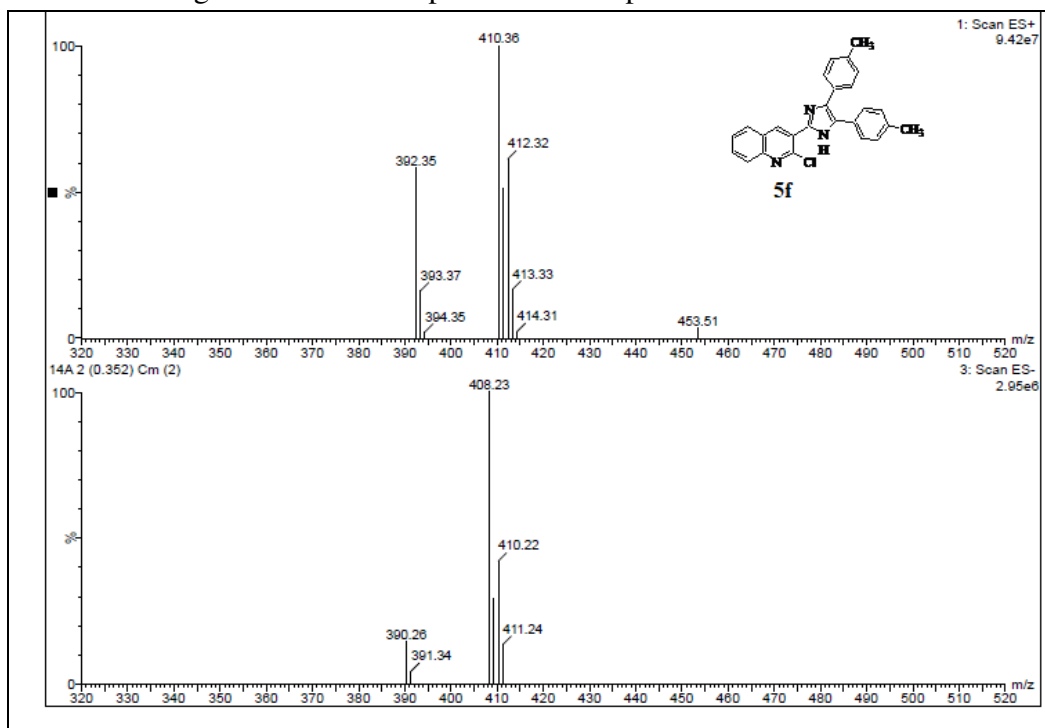


Figure 22: Mass spectrum of compound **5f**