

^1H and ^{13}C spectra for all compounds

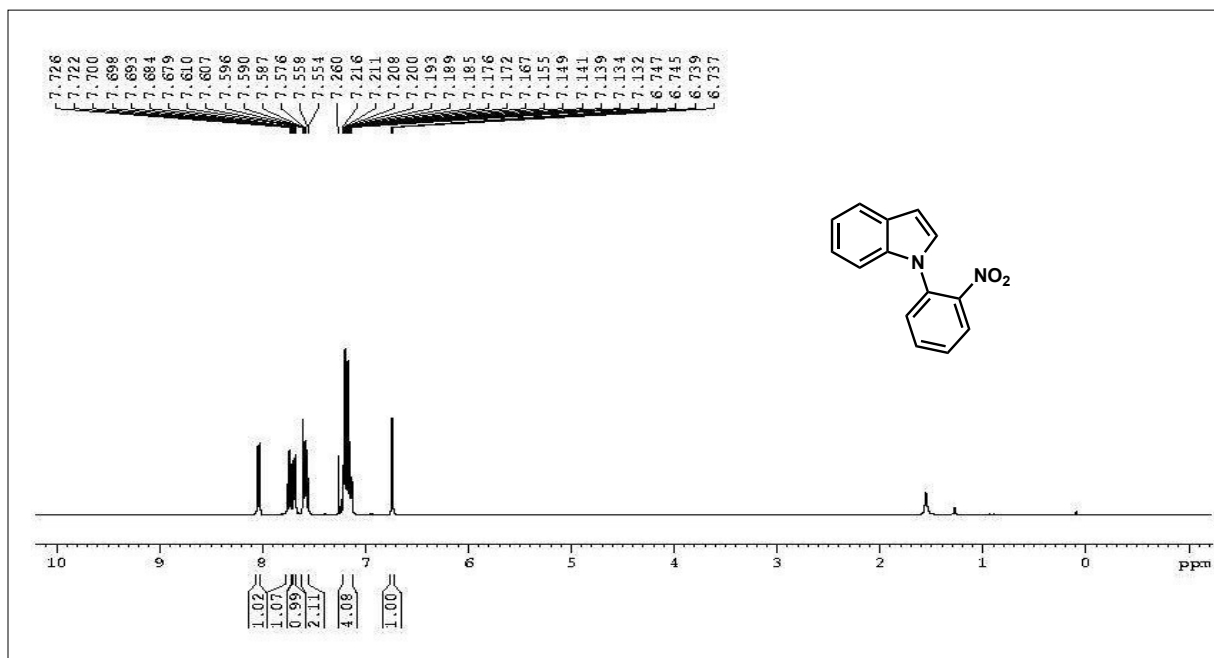


Figure : 400 MHz ^1H -NMR spectrum of **8a** in CDCl_3

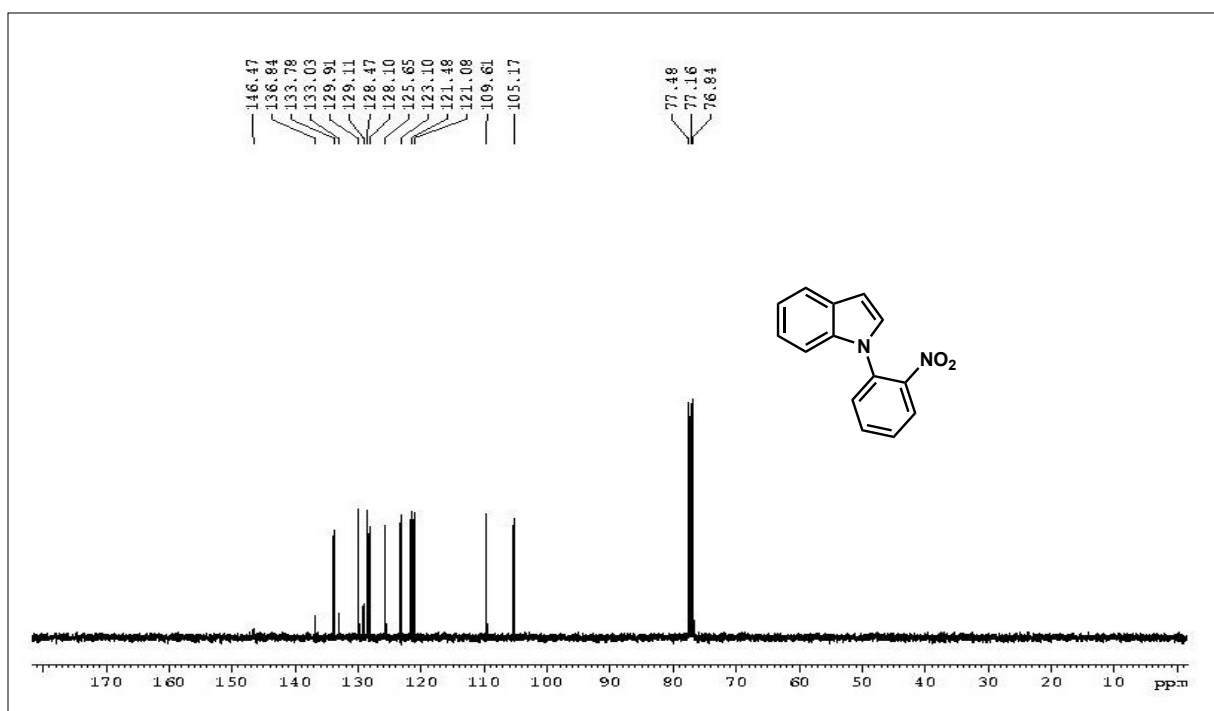


Figure : 100 MHz ^{13}C -NMR spectrum of **8a** in CDCl_3

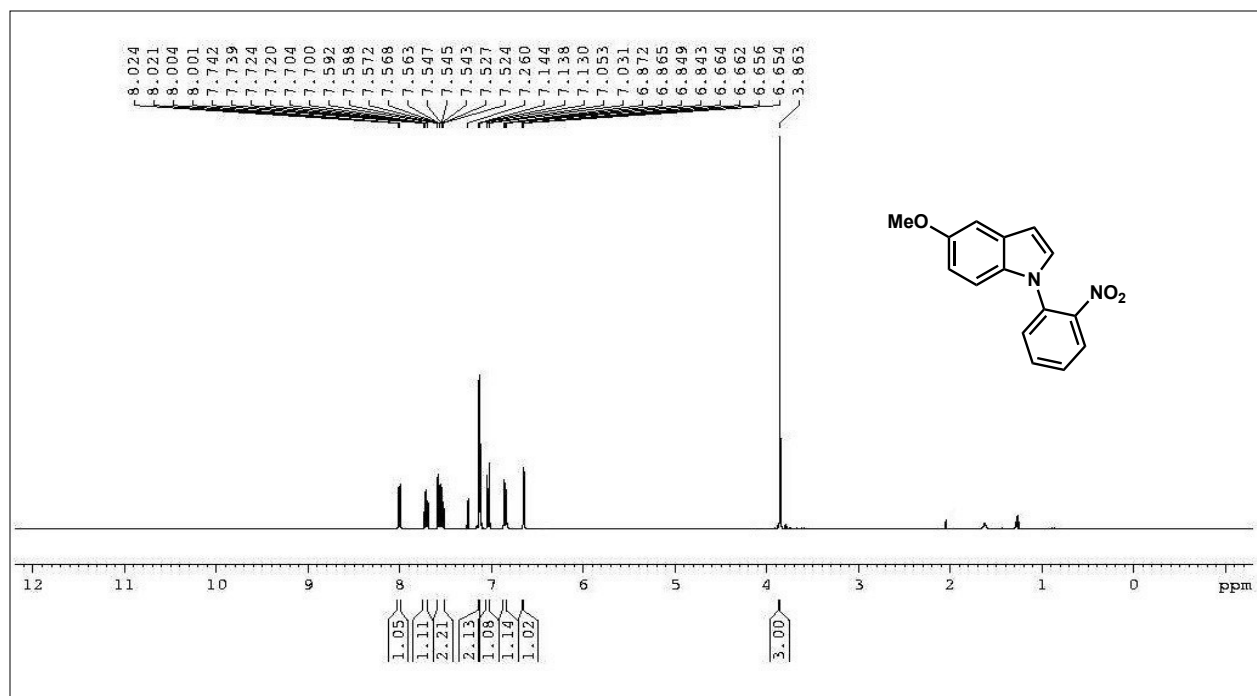


Figure : 400 MHz ¹H-NMR spectrum of **8b** in CDCl₃

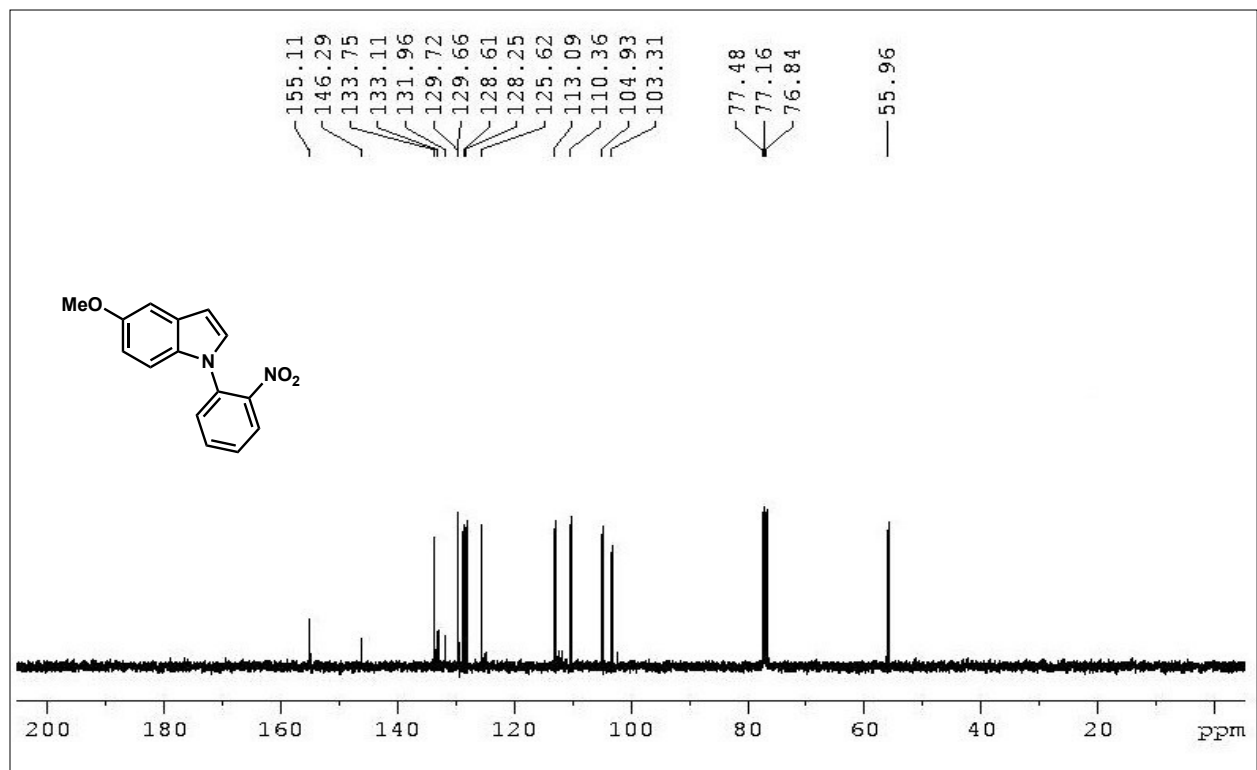


Figure : 100 MHz ¹³C-NMR spectrum of **8b** in CDCl₃

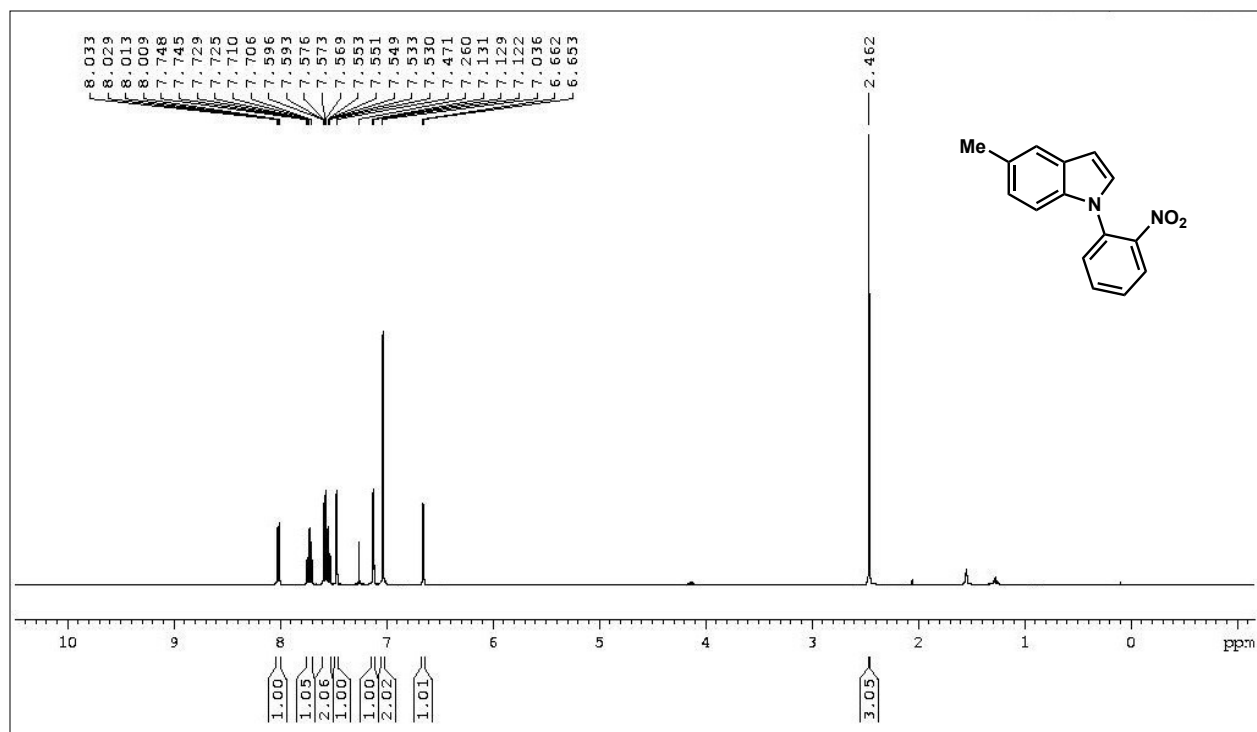


Figure : 400 MHz ¹H-NMR spectrum of **8c** in CDCl₃

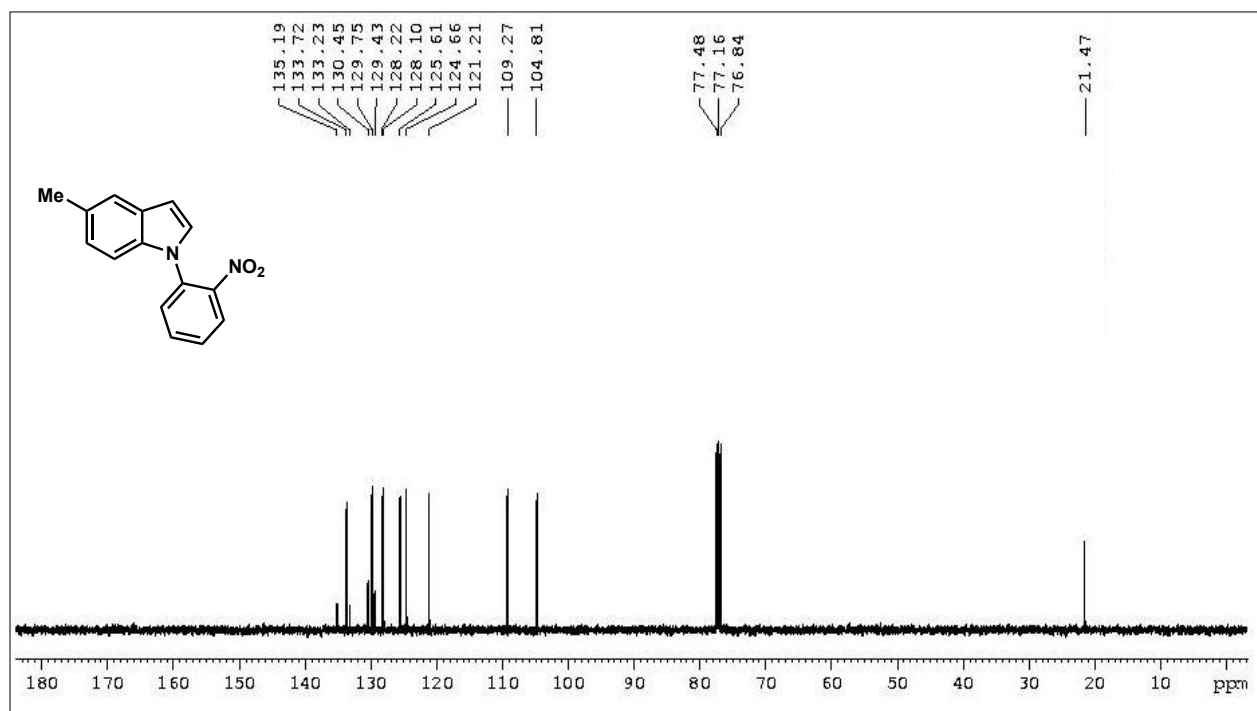


Figure : 100 MHz ¹³C-NMR spectrum of **8c** in CDCl₃

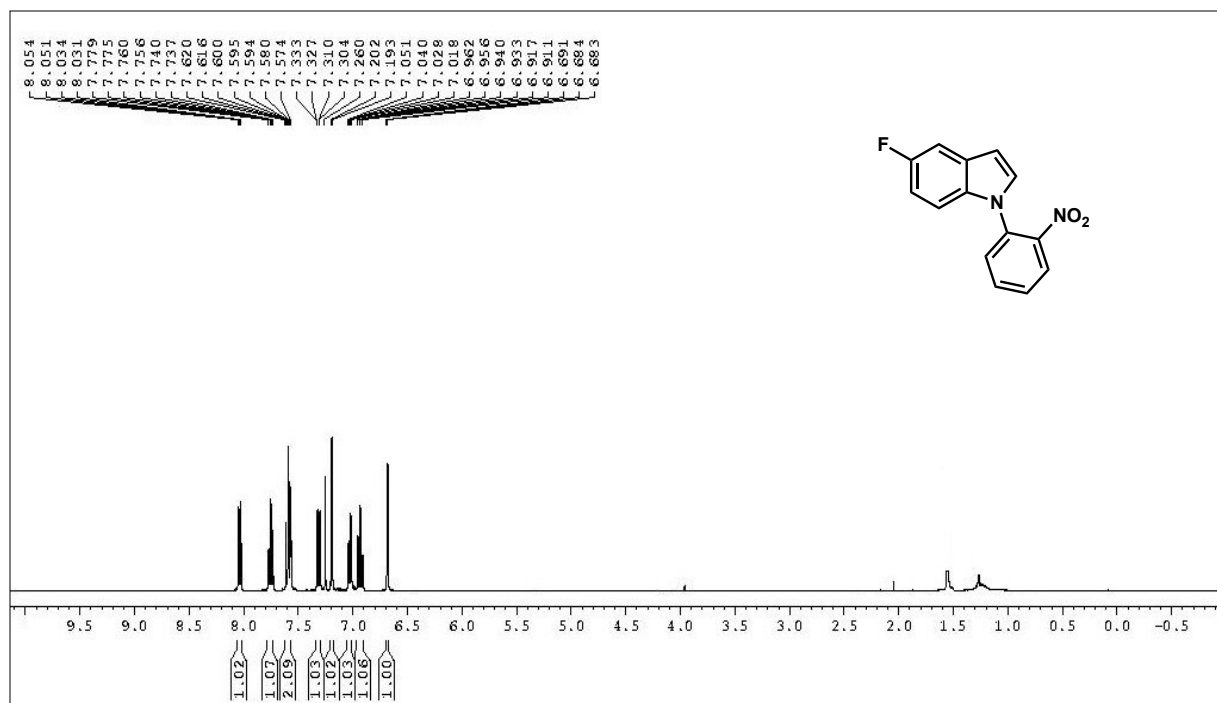


Figure : 400 MHz ^1H -NMR spectrum of **8d** in CDCl_3

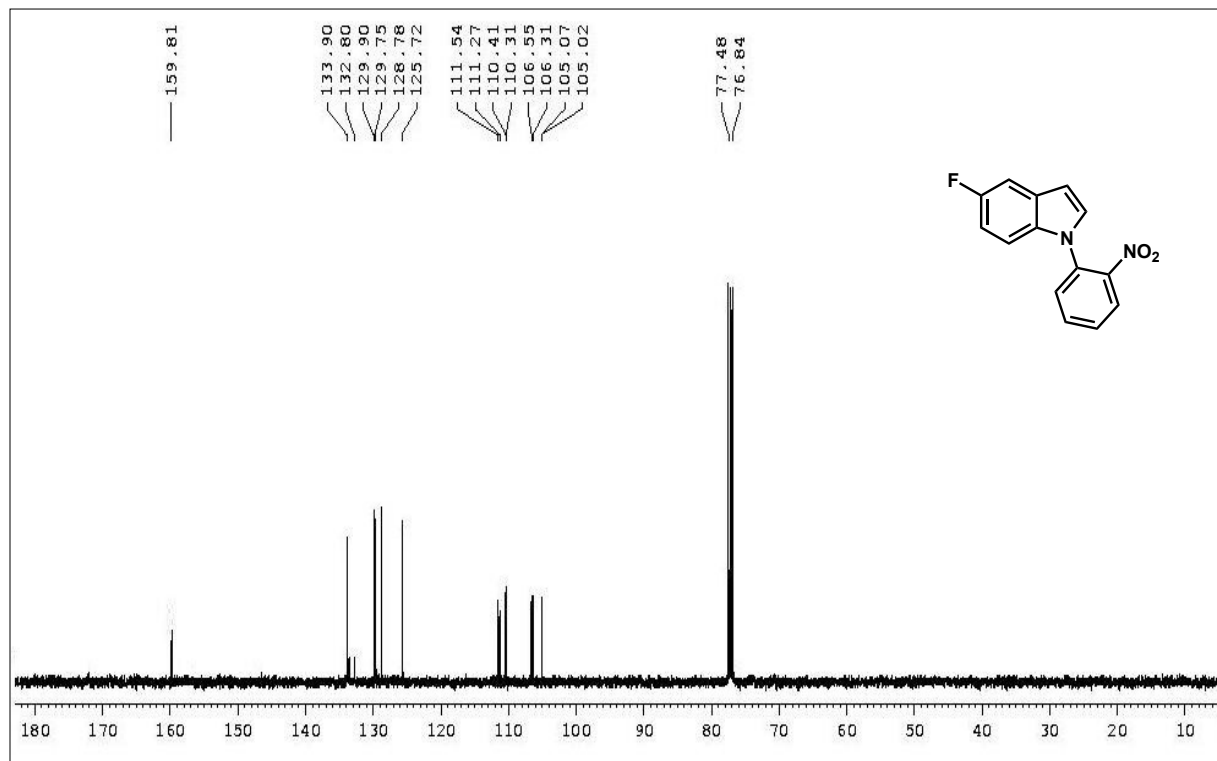


Figure : 100 MHz ^{13}C -NMR spectrum of **8d** in CDCl_3

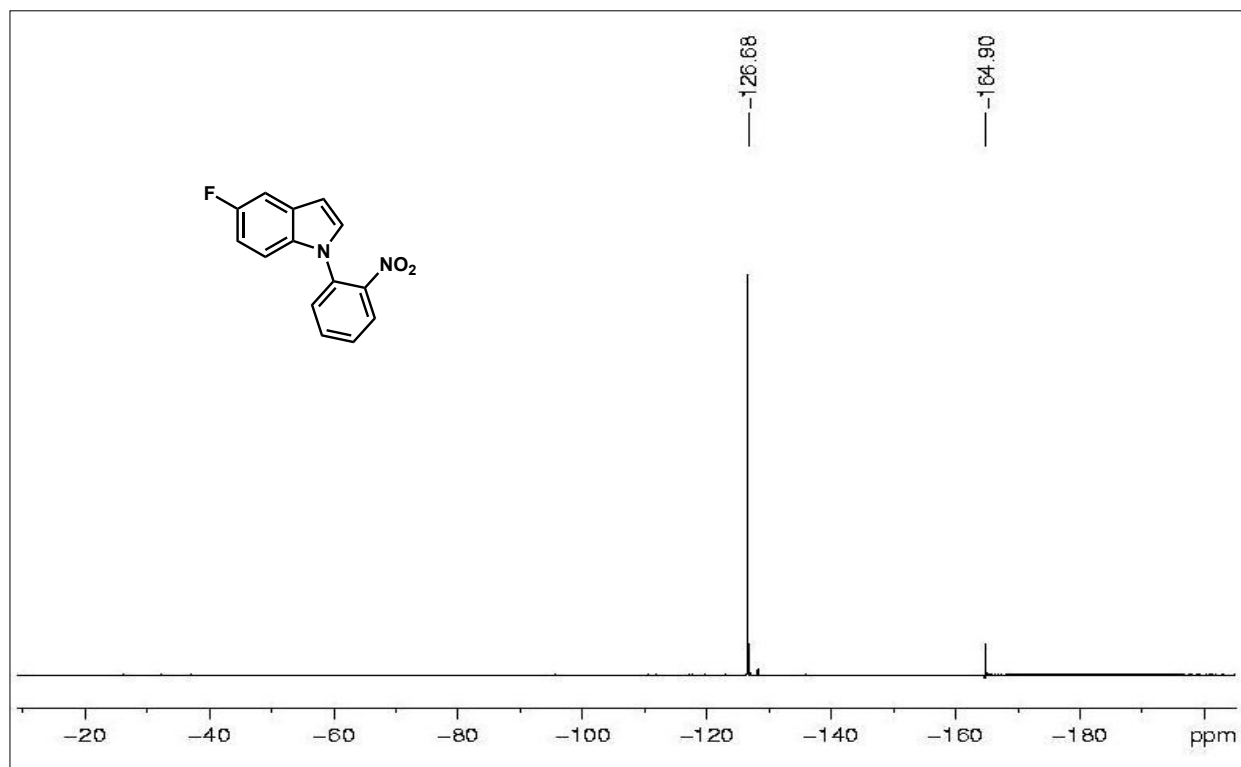


Figure : 500 MHz ^{19}F -NMR spectrum of **8d** in C_6F_6

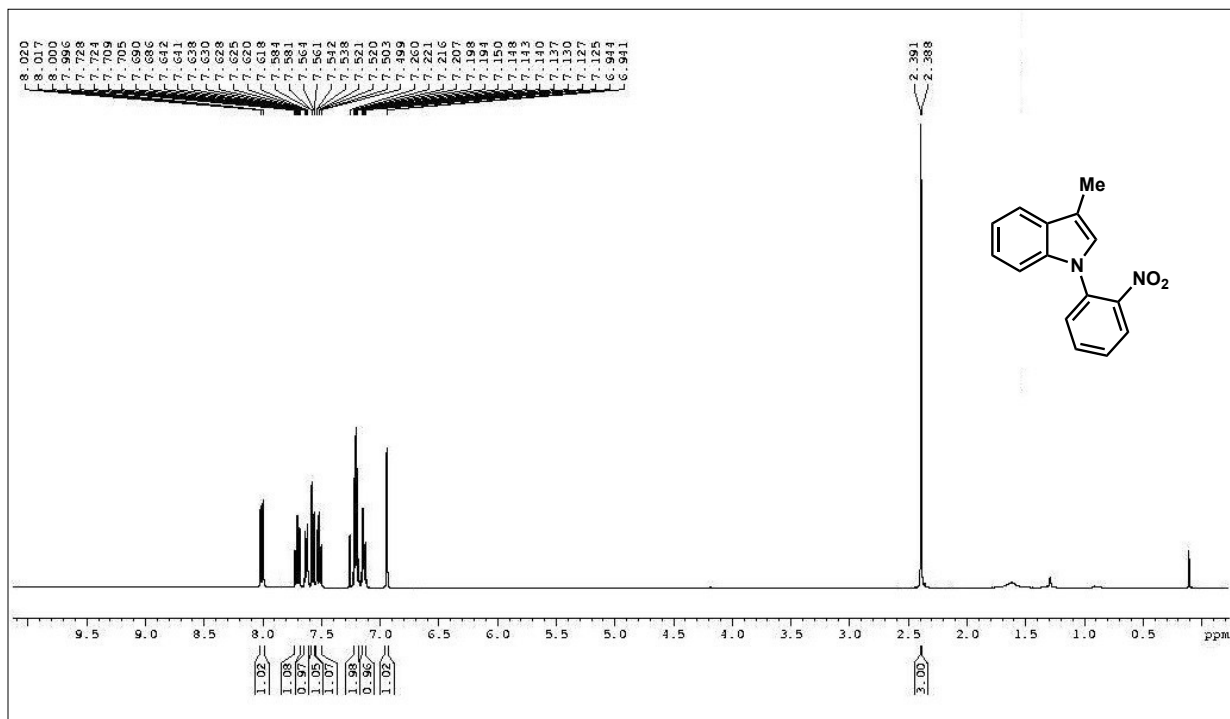


Figure : 400 MHz ^1H -NMR spectrum of **8e** in CDCl_3

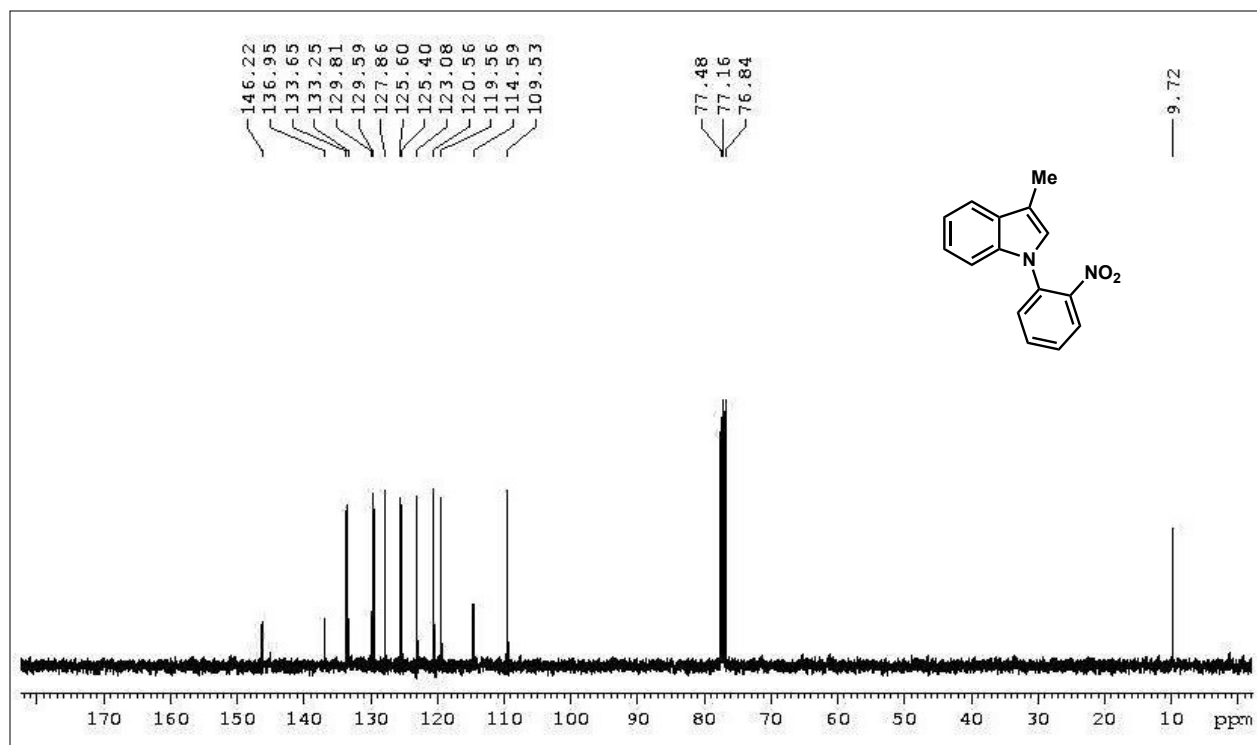


Figure : 100 MHz ¹³C-NMR spectrum of **8e** in CDCl₃

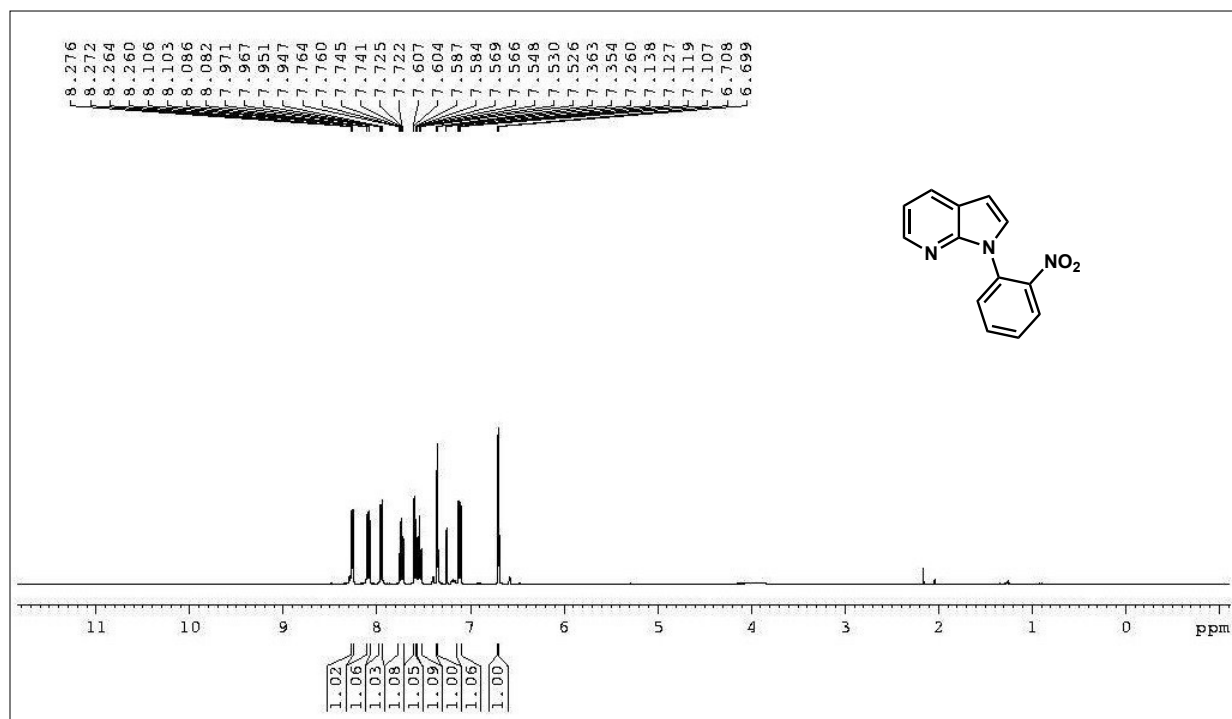


Figure : 400 MHz ¹H-NMR spectrum of **8f** in CDCl₃

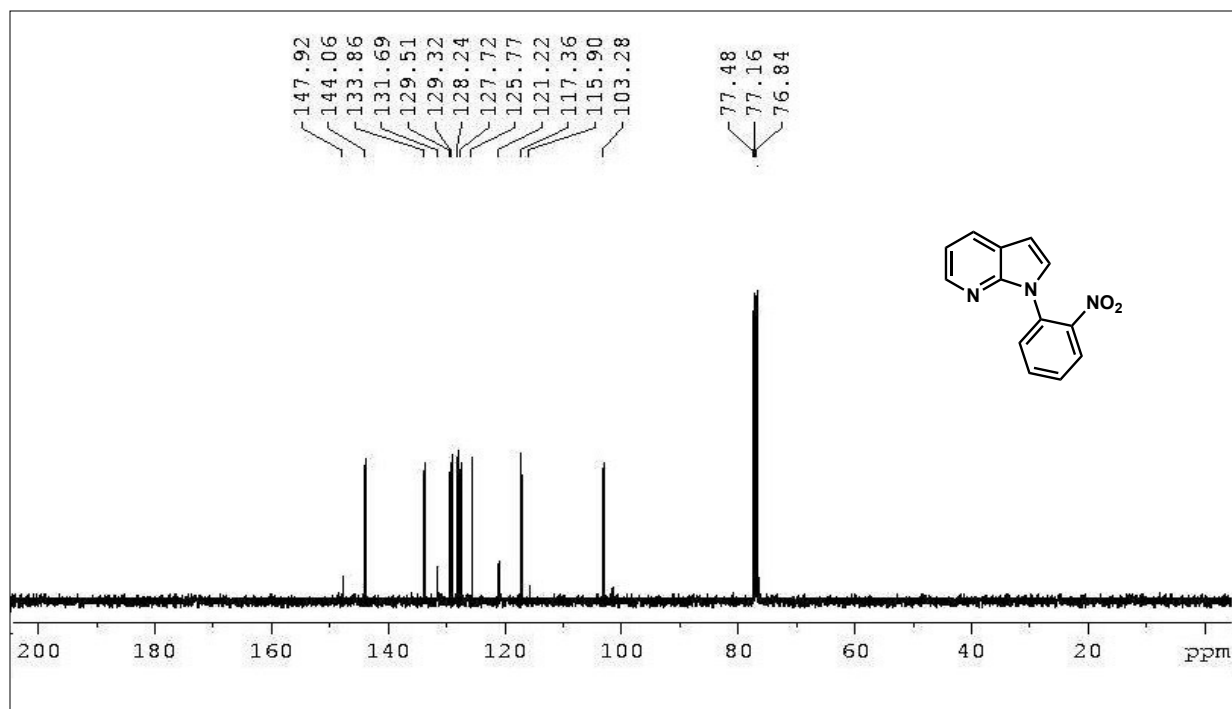


Figure : 100 MHz ¹³C-NMR spectrum of **8f** in CDCl₃

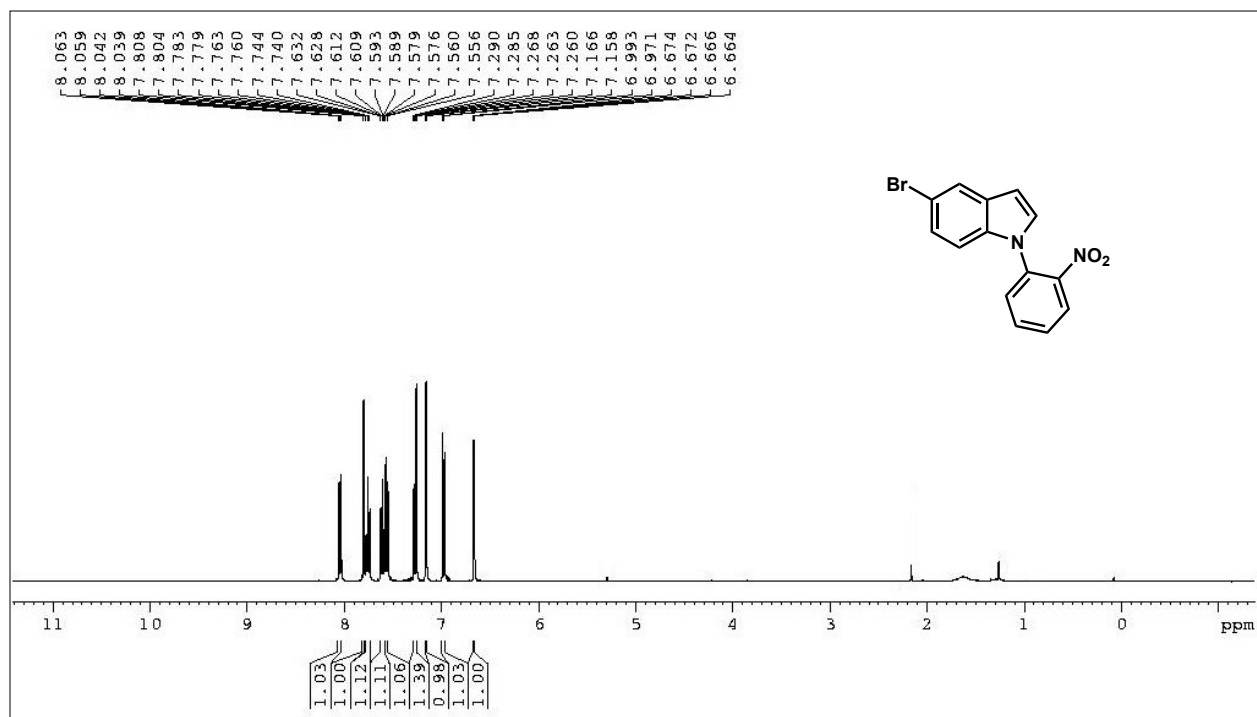


Figure : 400 MHz ¹H-NMR spectrum of **8k** in CDCl₃

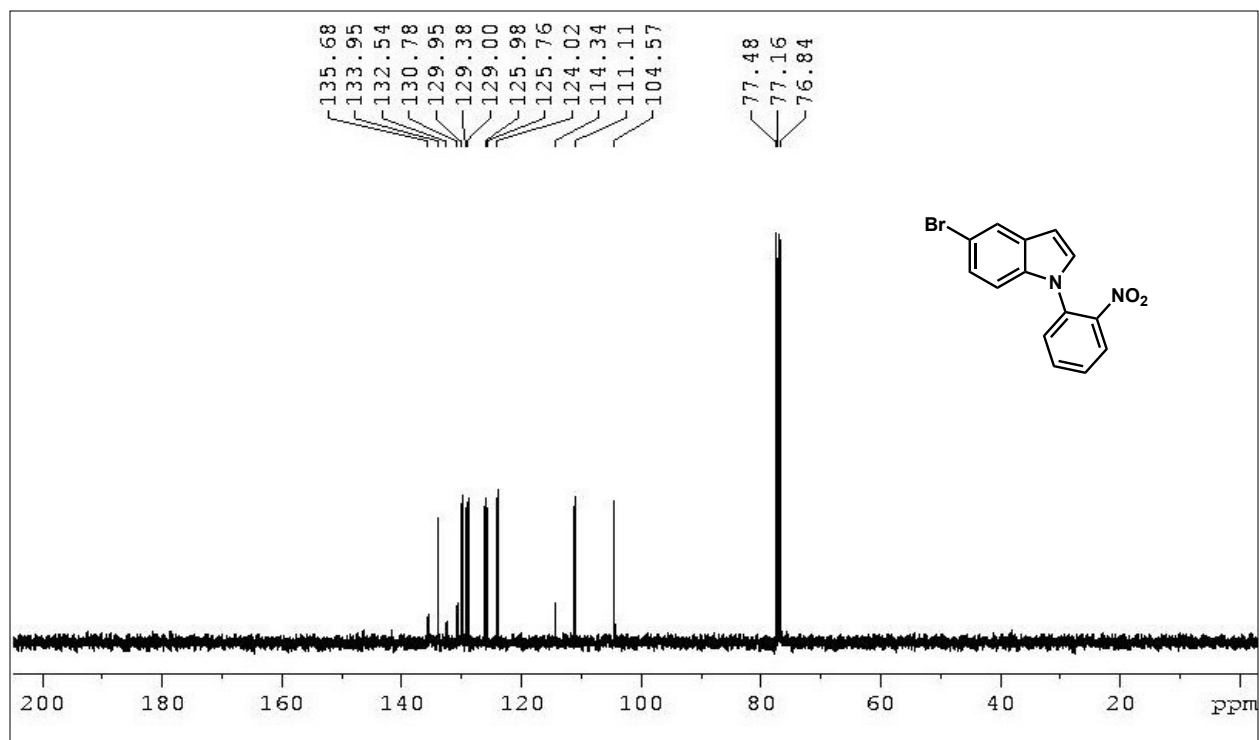


Figure : 100 MHz ^{13}C -NMR spectrum of **8k** in CDCl_3

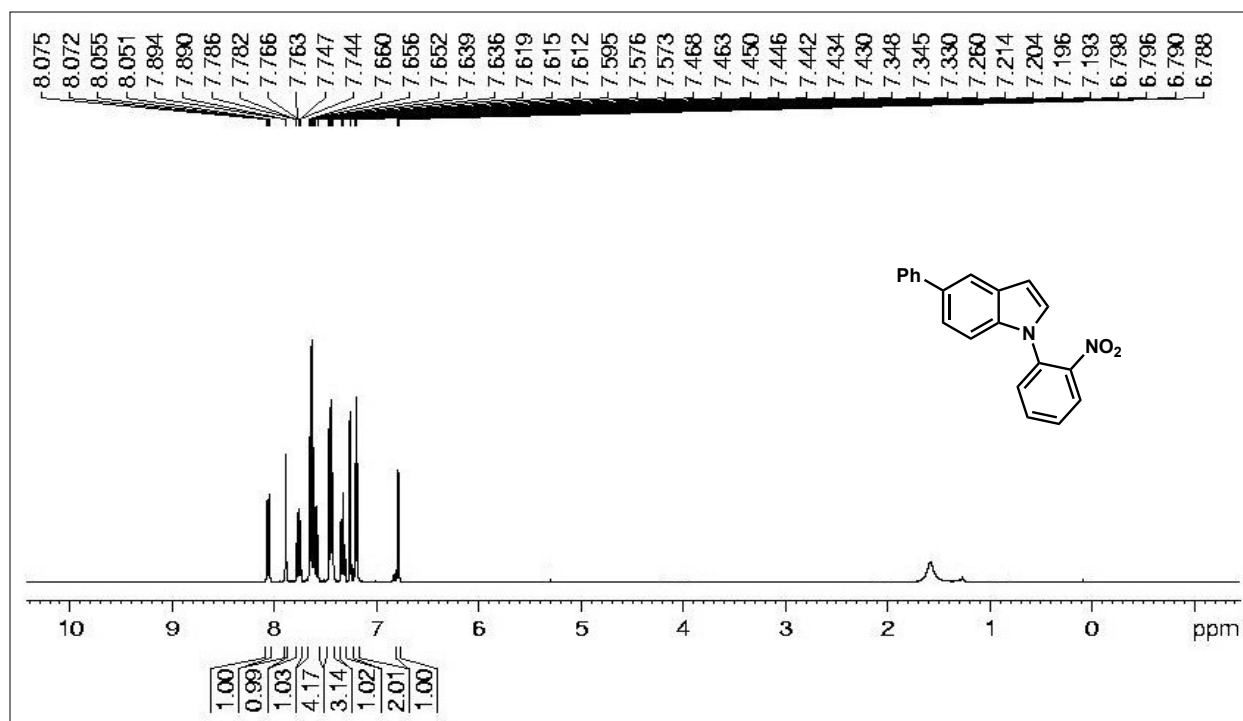


Figure : 400 MHz ^1H -NMR spectrum of **8g** in CDCl_3

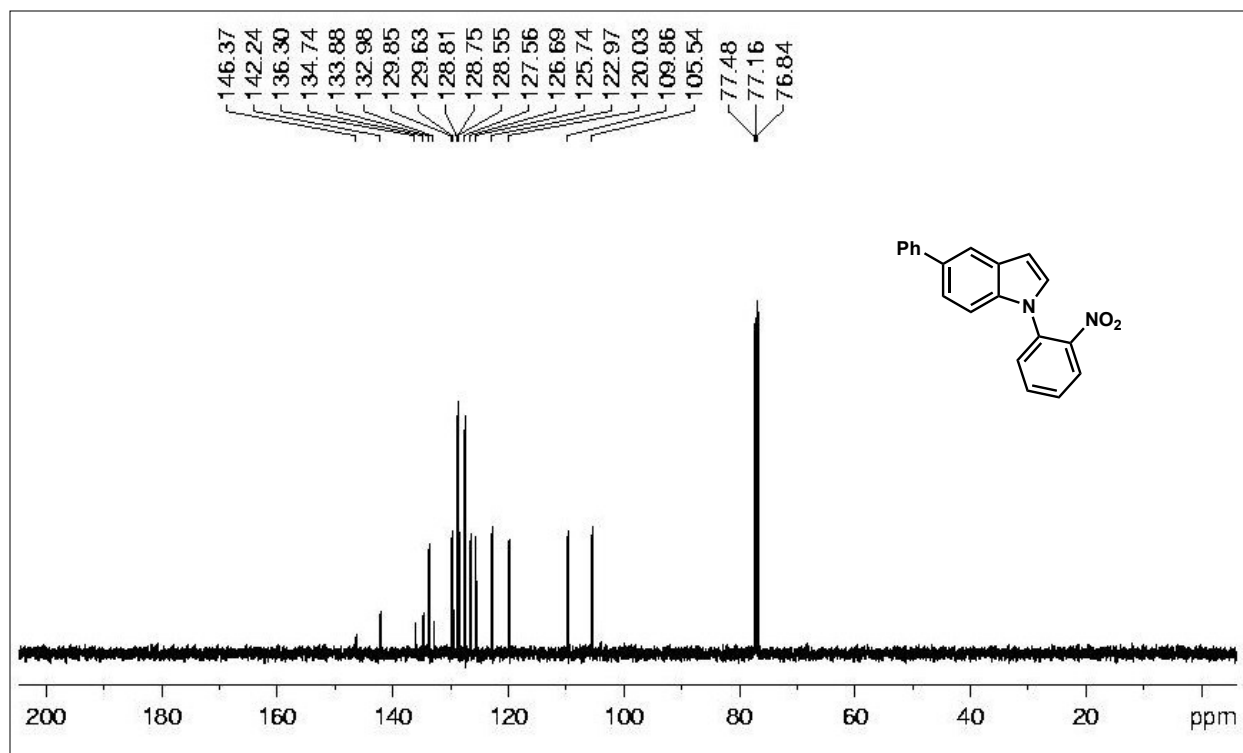


Figure : 100 MHz ¹³C-NMR spectrum of **8g** in CDCl₃

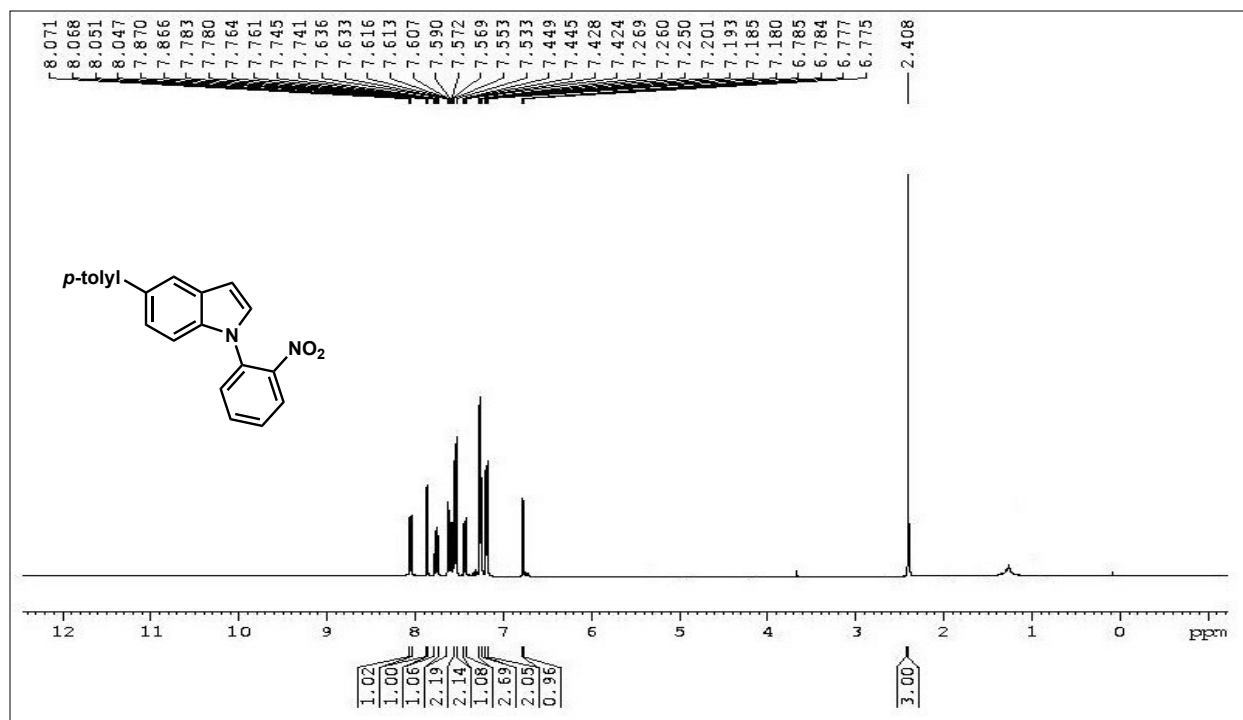


Figure : 400 MHz ¹H-NMR spectrum of **8h** in CDCl₃

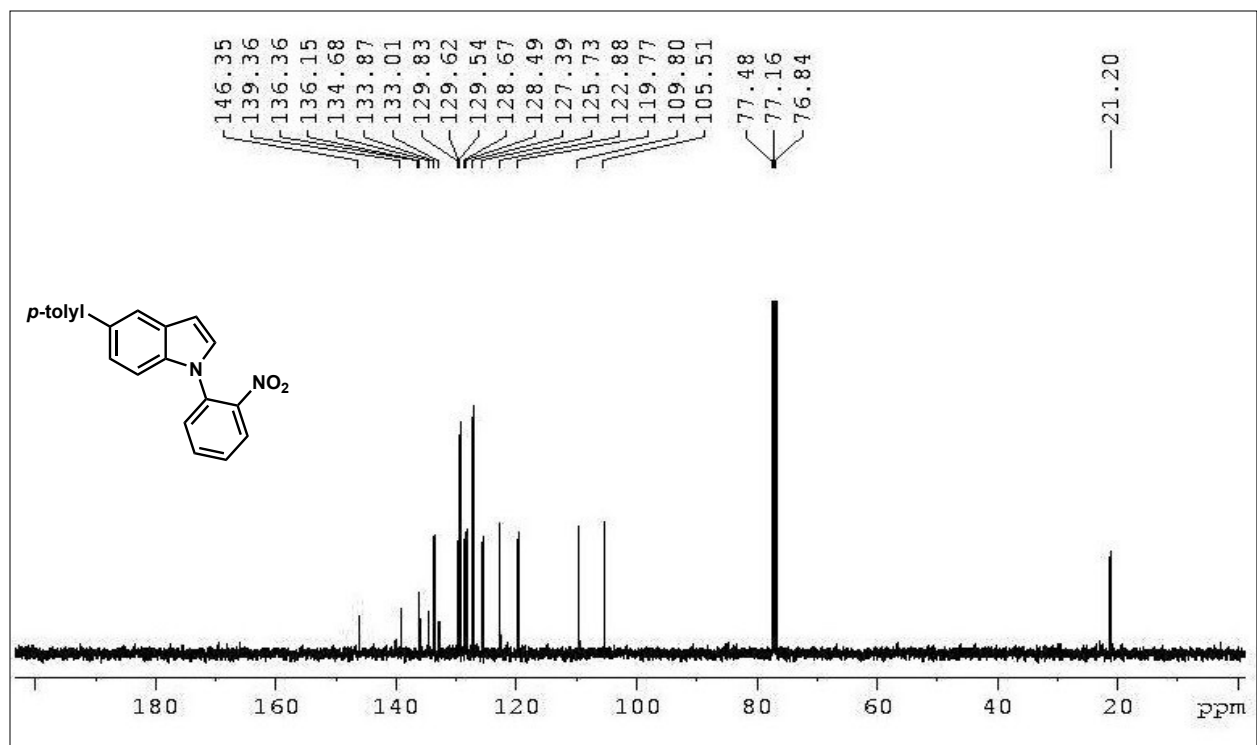


Figure : 100 MHz ¹³C-NMR spectrum of **8h** in CDCl₃

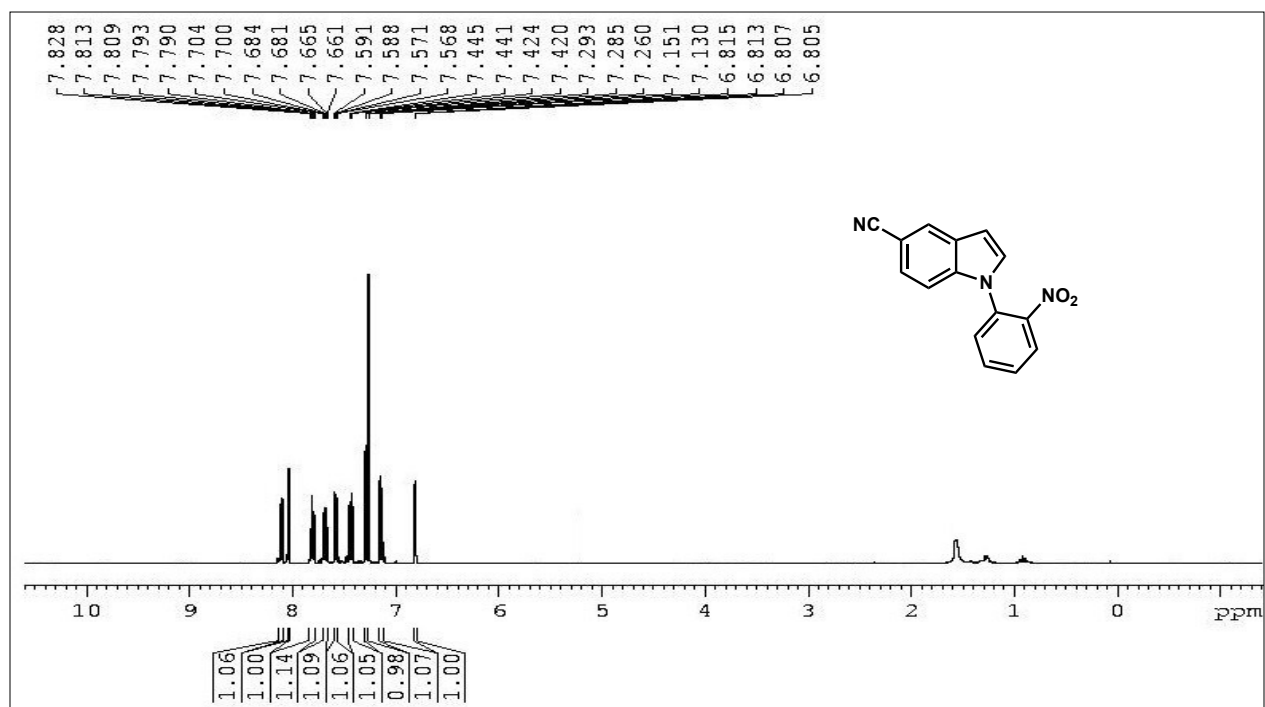


Figure : 400 MHz ¹H-NMR spectrum of **8i** in CDCl₃

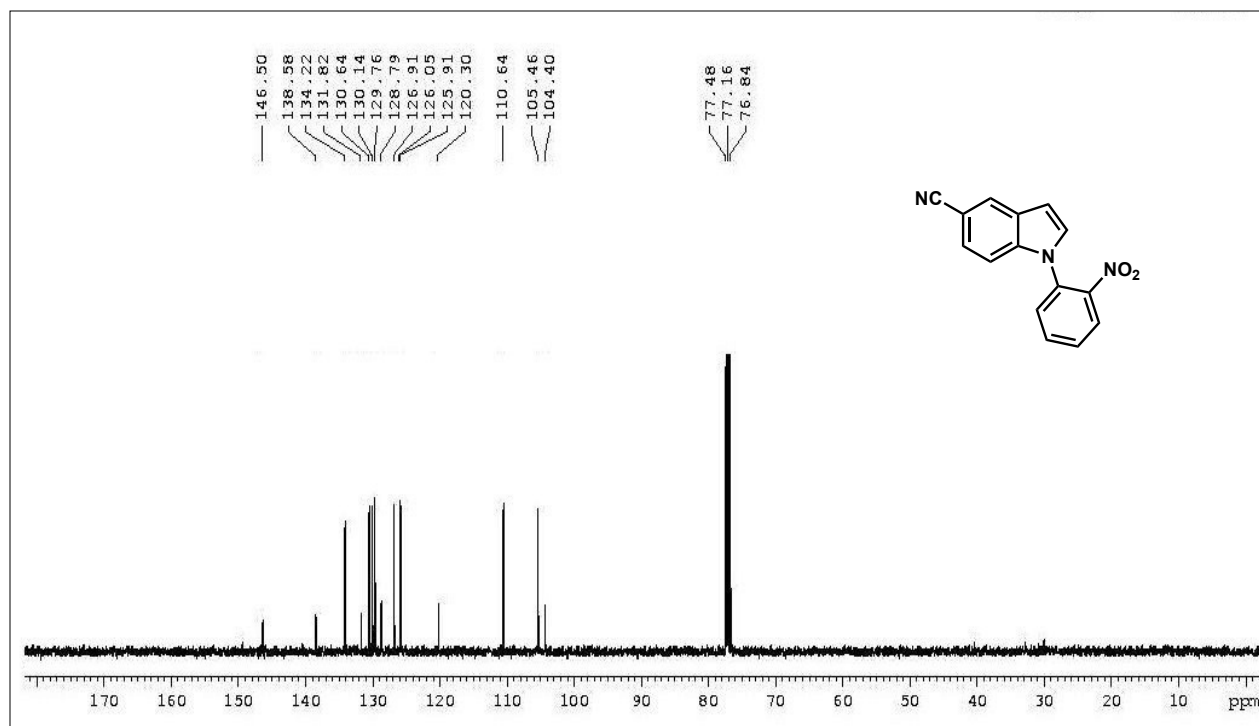


Figure : 100 MHz ¹³C-NMR spectrum of **8i** in CDCl₃

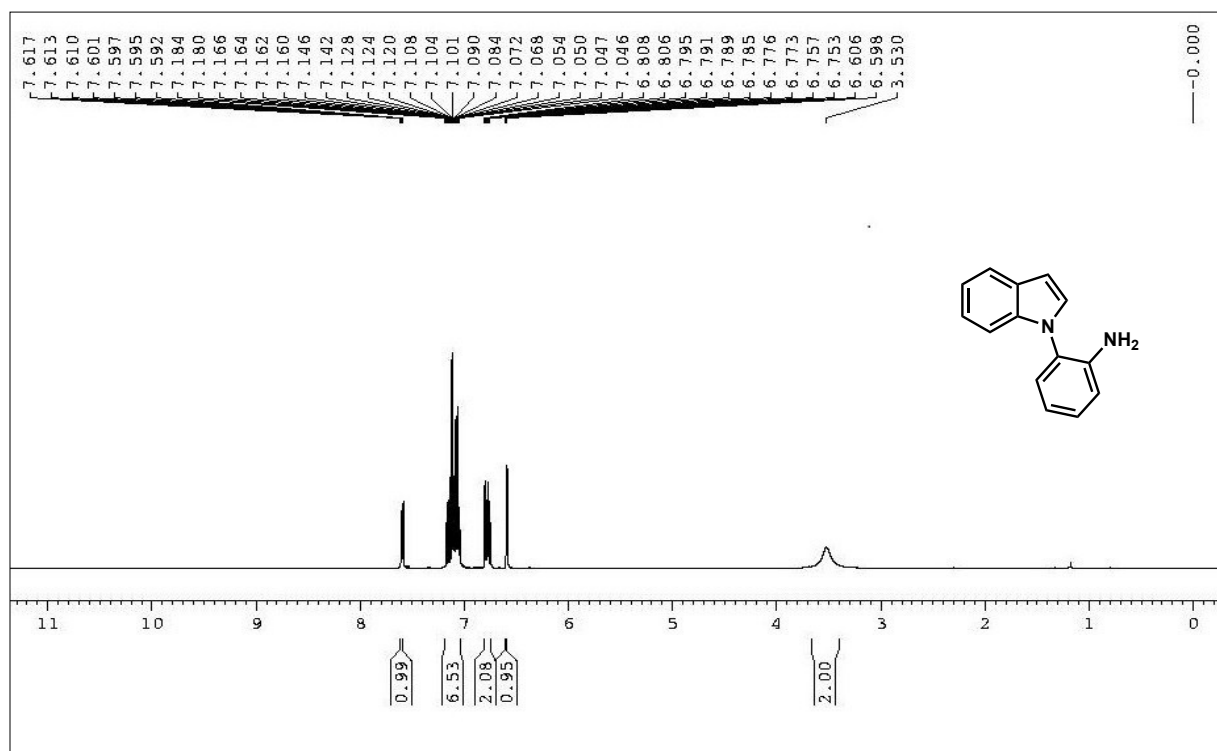


Figure : 400 MHz ¹H-NMR spectrum of **9a** in CDCl₃

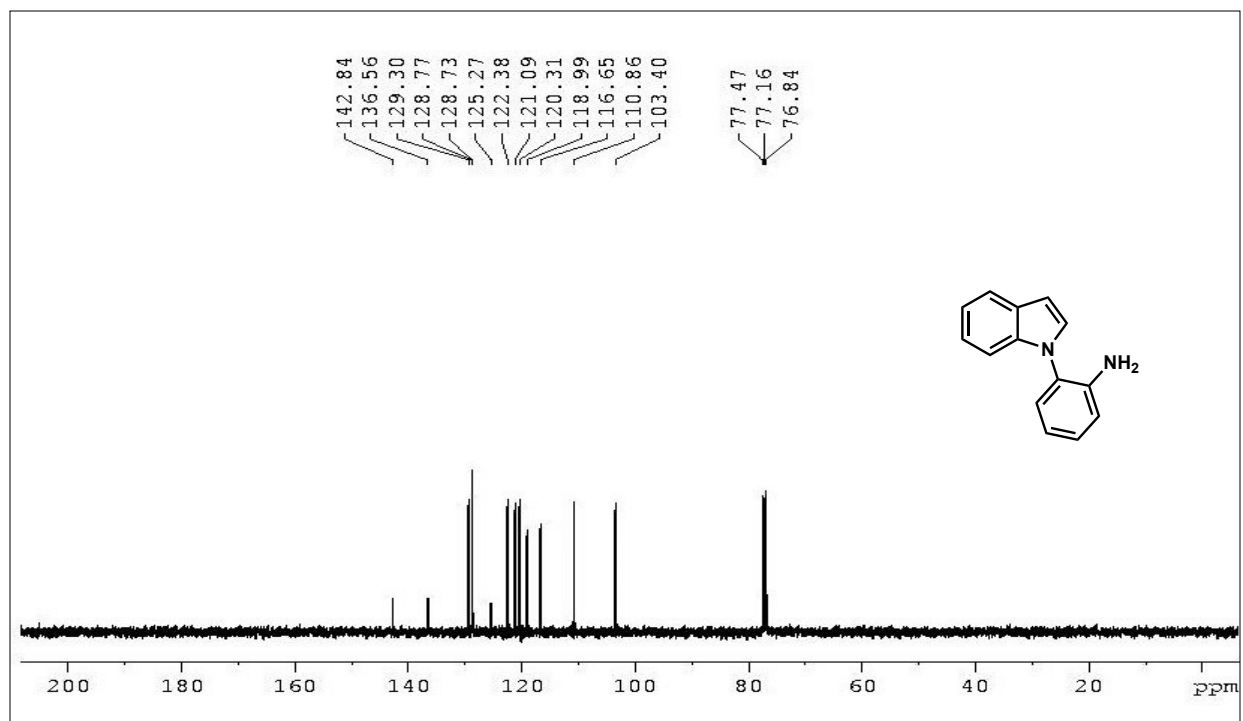


Figure : 100 MHz ^{13}C -NMR spectrum of **9a** in CDCl_3

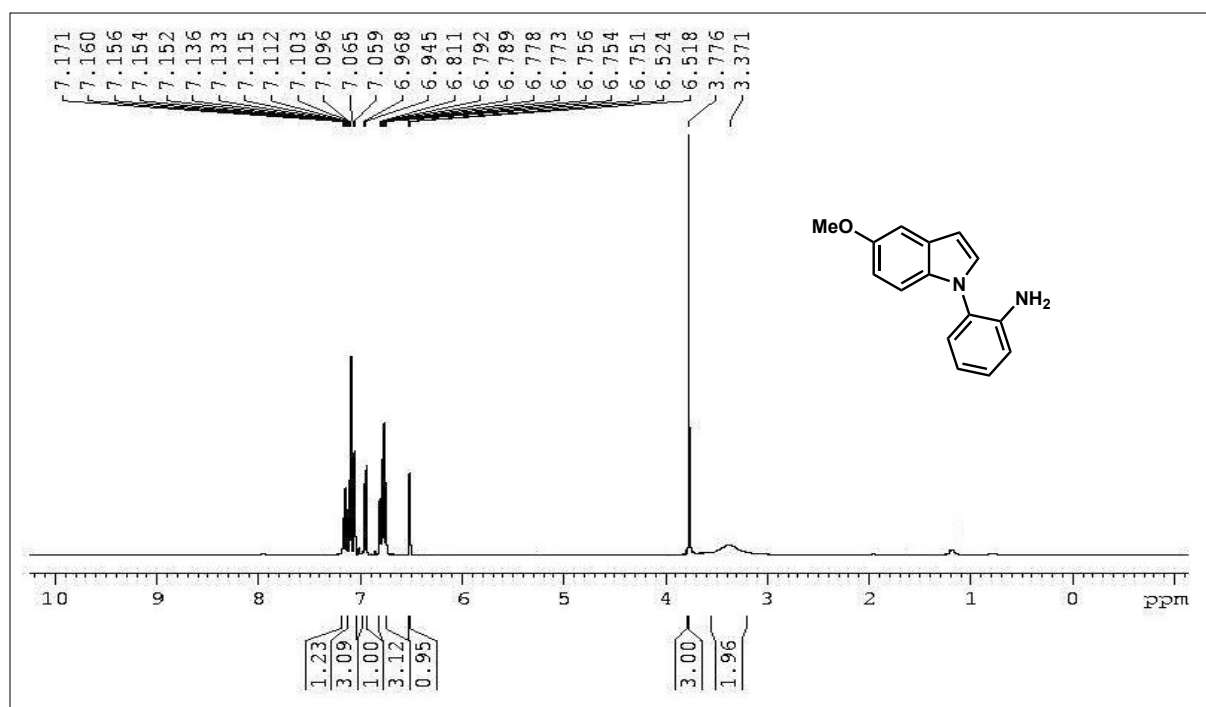


Figure : 400 MHz ^1H -NMR spectrum of **9b** in CDCl_3

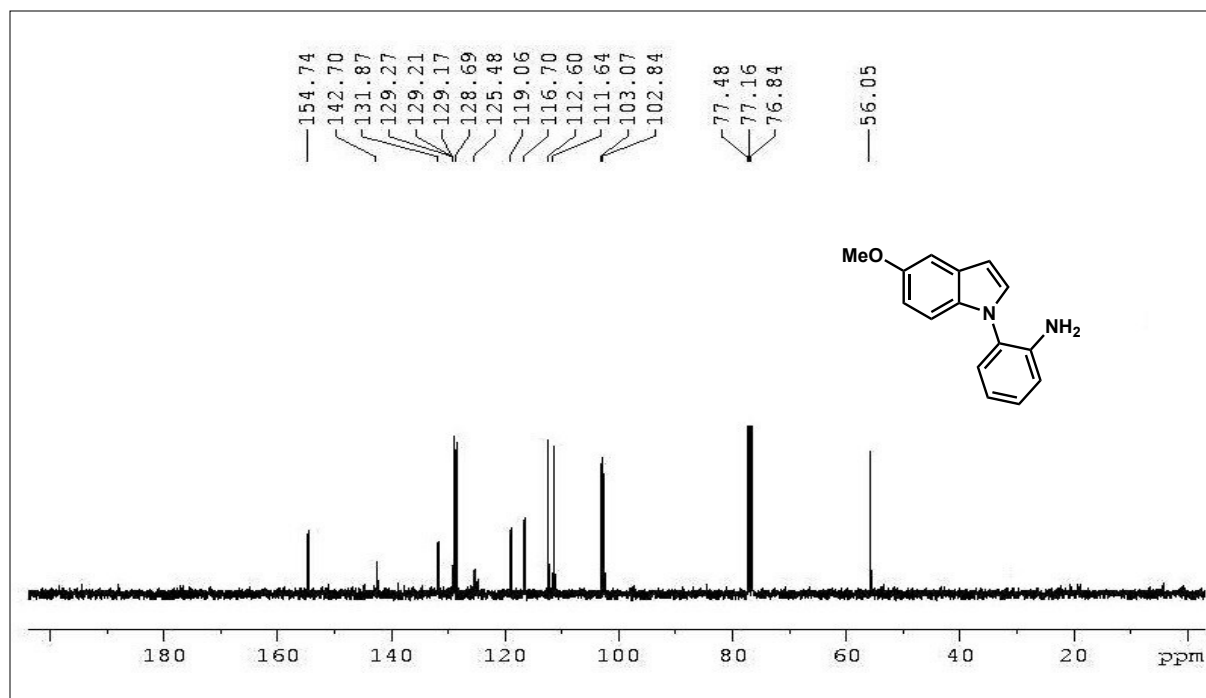


Figure : 100 MHz ¹³C-NMR spectrum of **9b** in CDCl₃

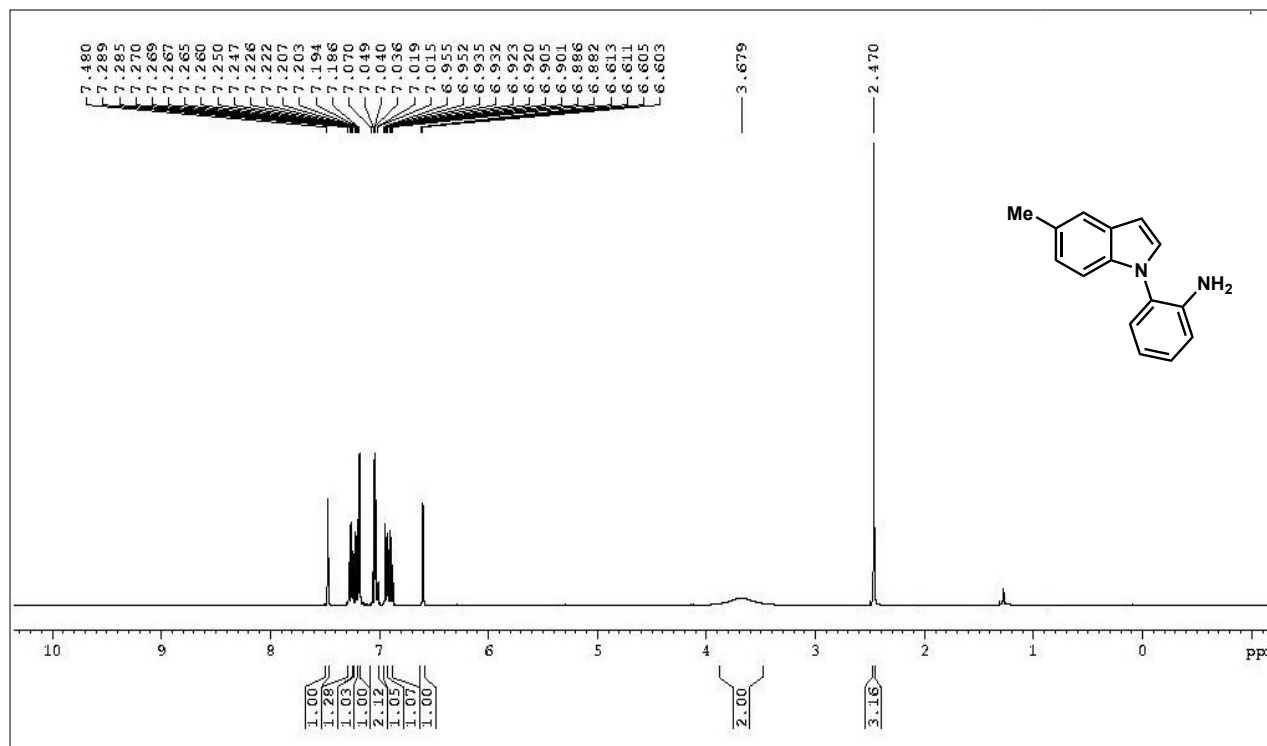


Figure : 400 MHz ¹H-NMR spectrum of **9c** in CDCl₃

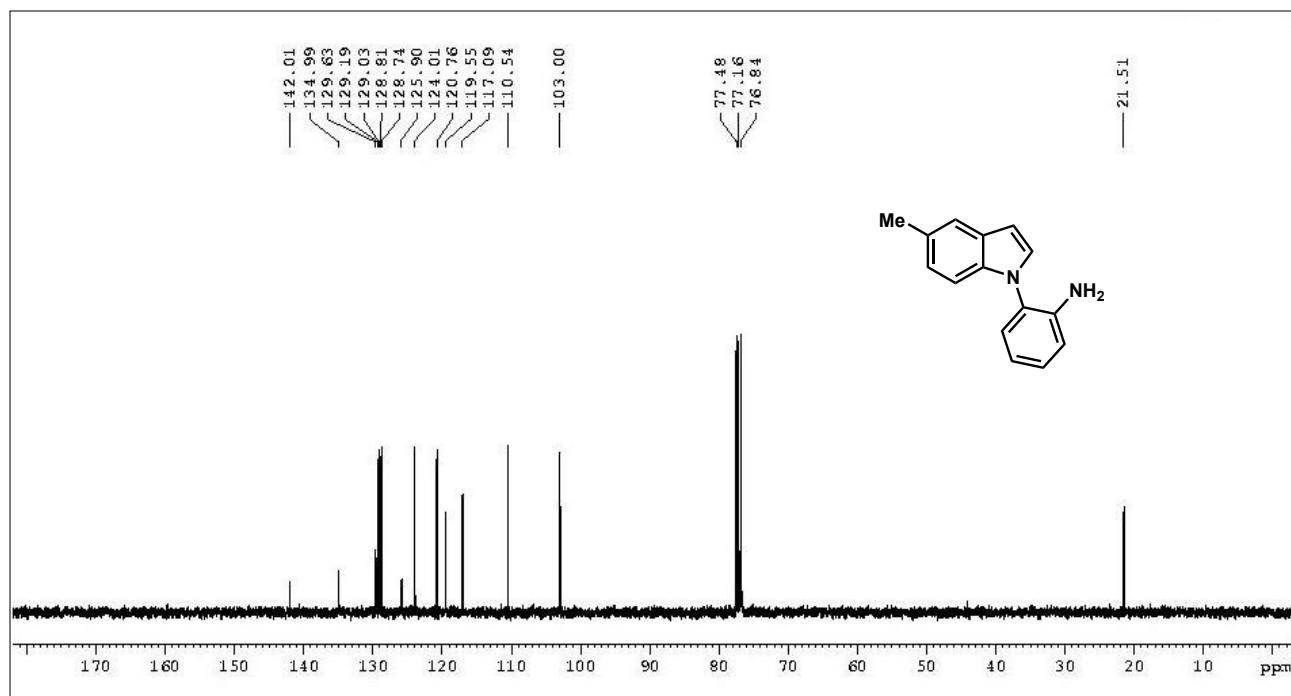


Figure : 100 MHz ^{13}C -NMR spectrum of **9c** in CDCl_3

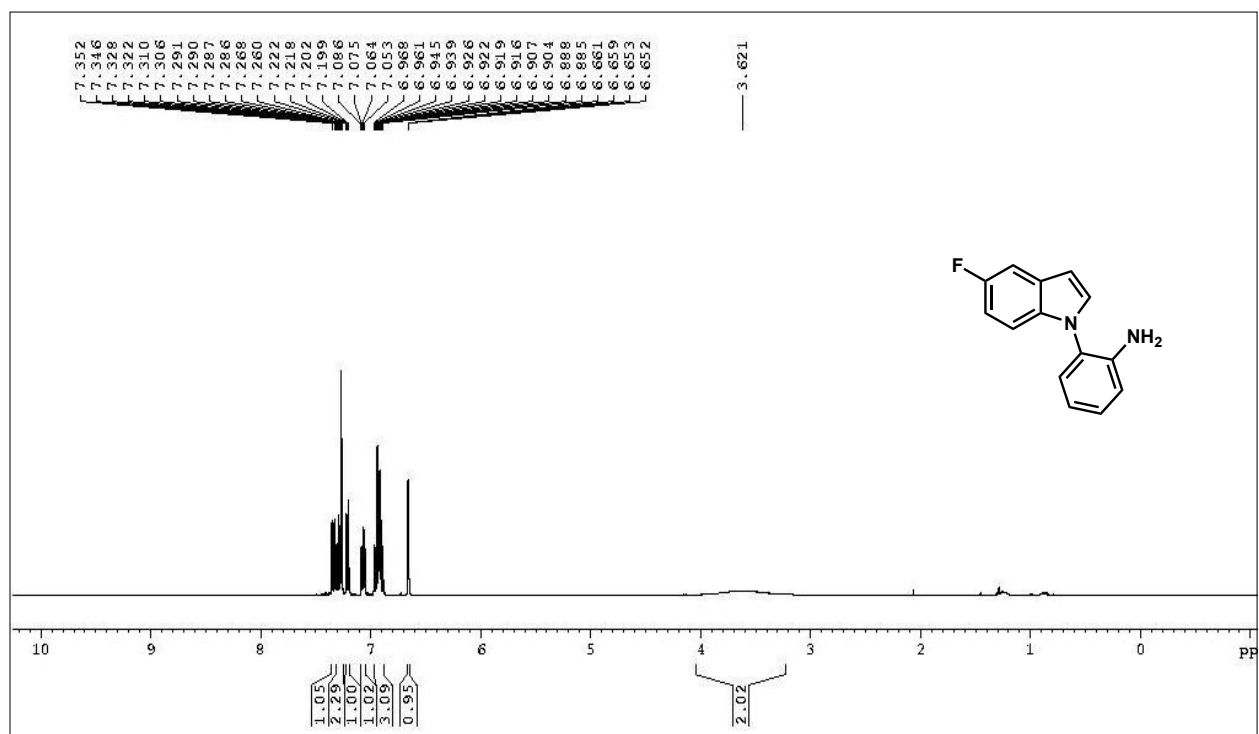


Figure : 400 MHz ^1H -NMR spectrum of **9d** in CDCl_3

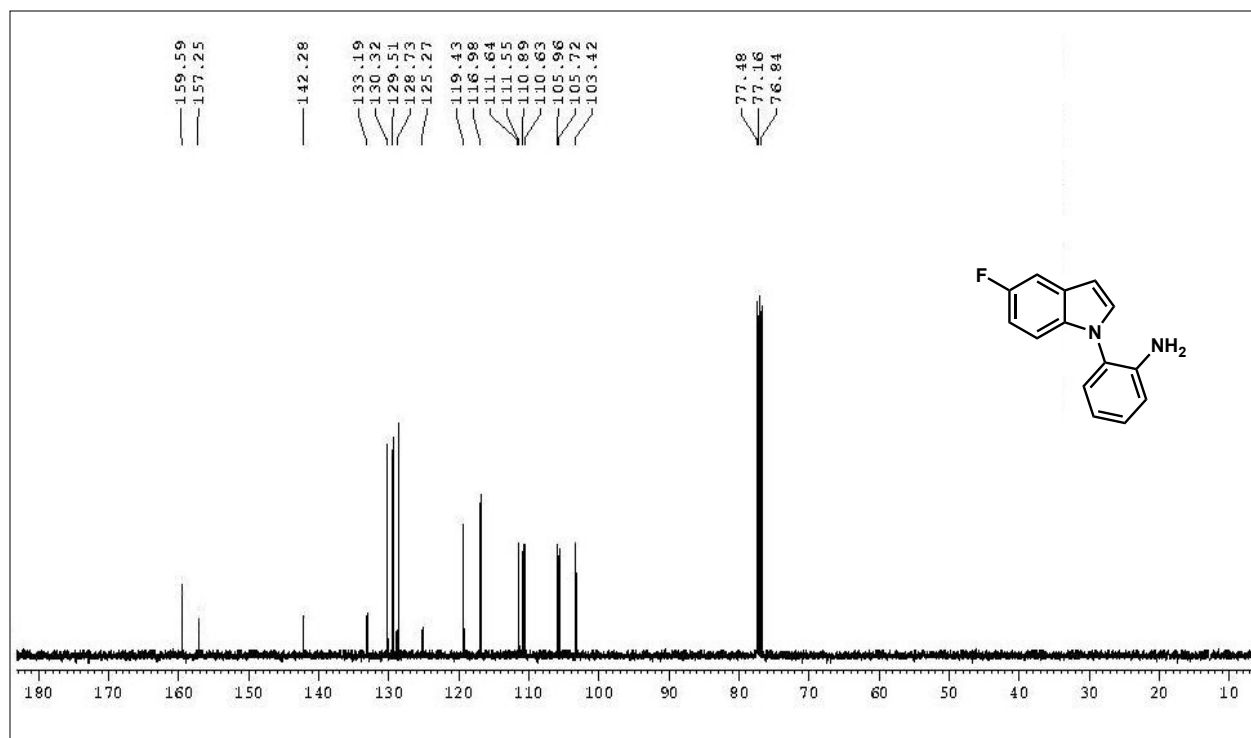


Figure : 100 MHz ^{13}C -NMR spectrum of **9d** in CDCl_3

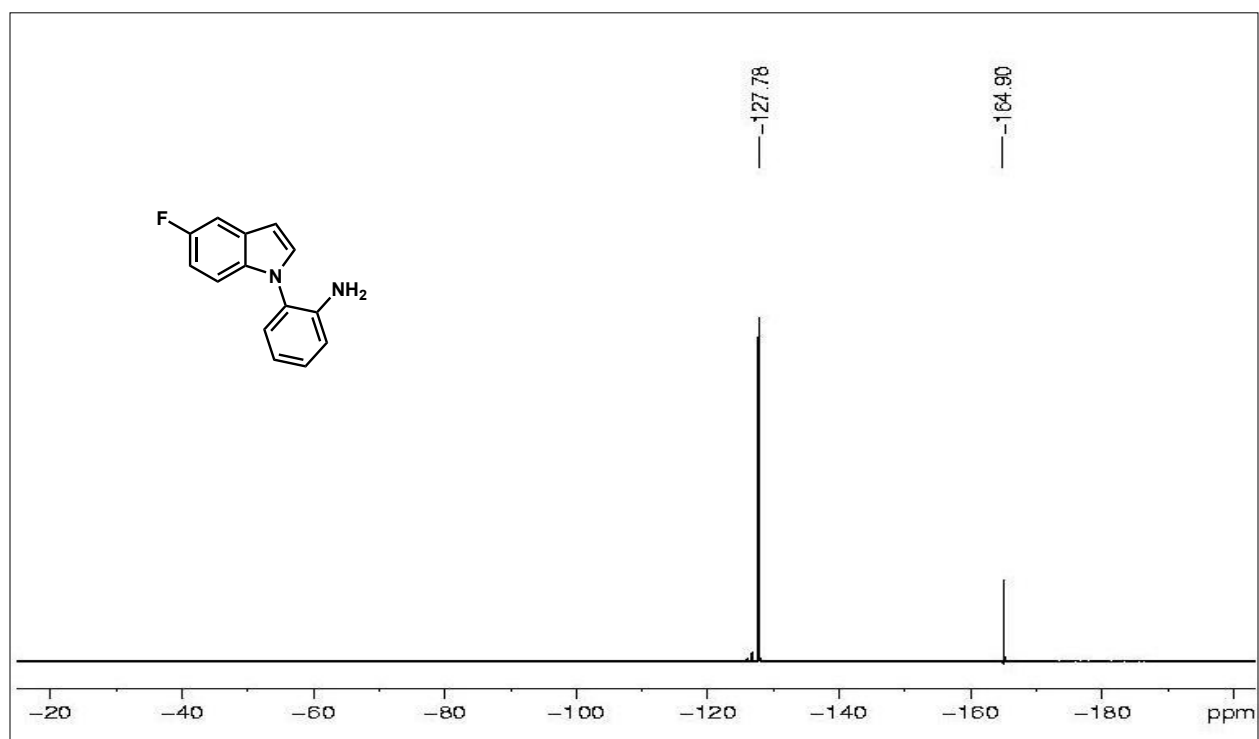


Figure : 500 MHz ^{19}F -NMR spectrum of **9d** in C_6F_6

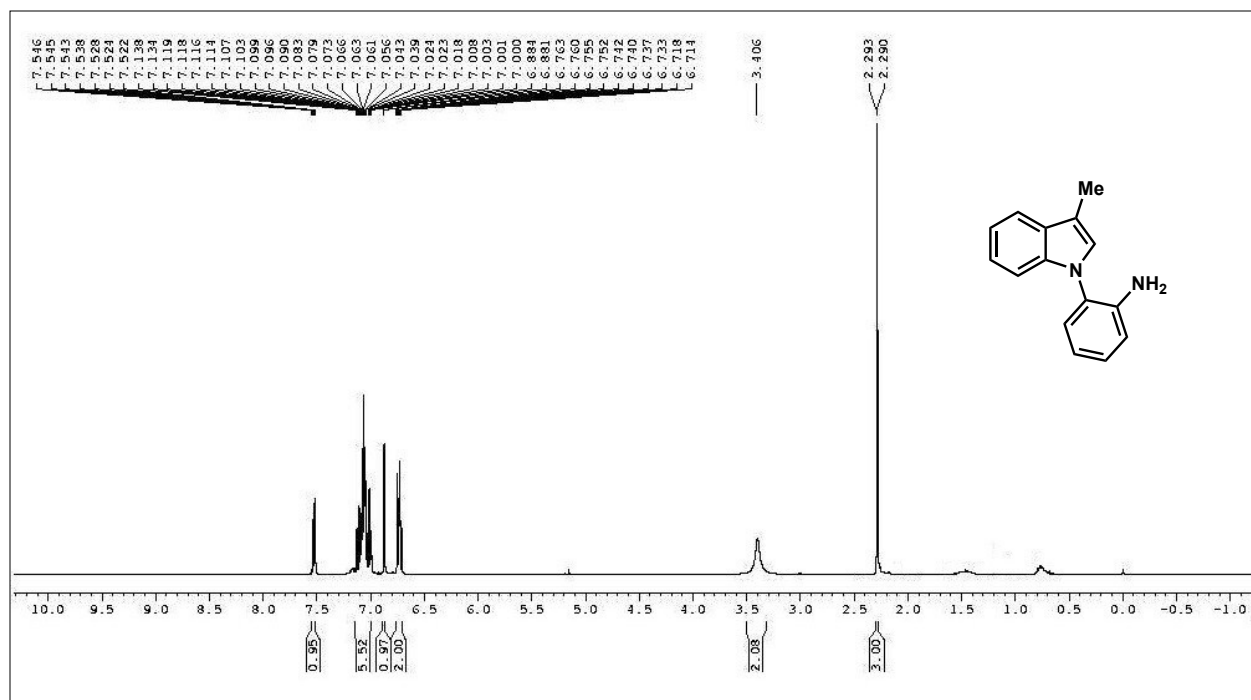


Figure : 400 MHz ¹H-NMR spectrum of **9e** in CDCl₃

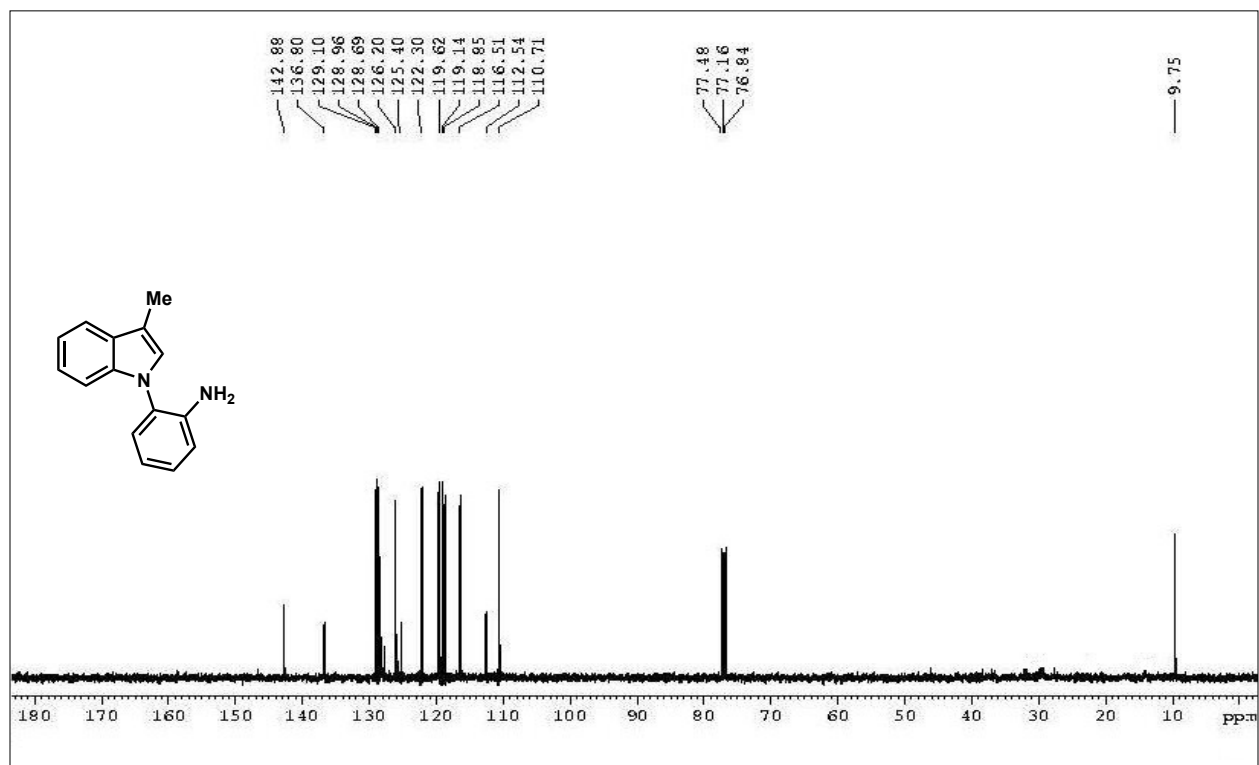


Figure : 100 MHz ¹³C-NMR spectrum of **9e** in CDCl₃

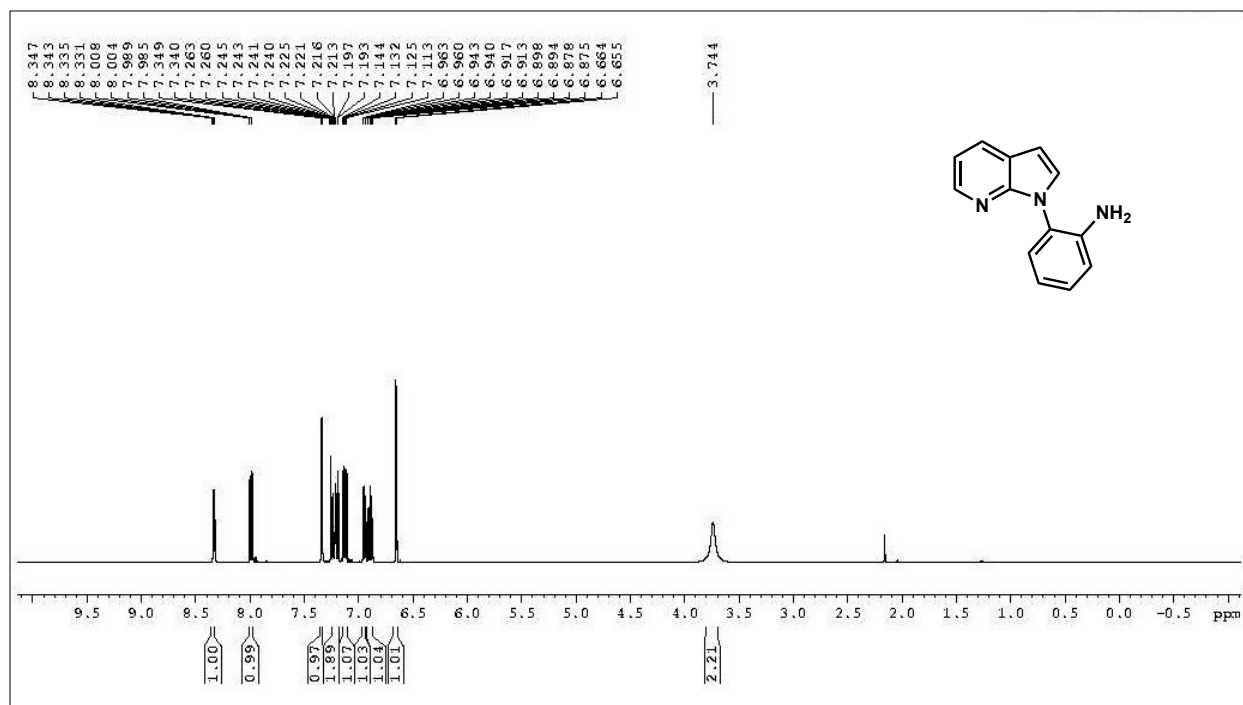


Figure : 400 MHz ^1H -NMR spectrum of **9f** in CDCl_3

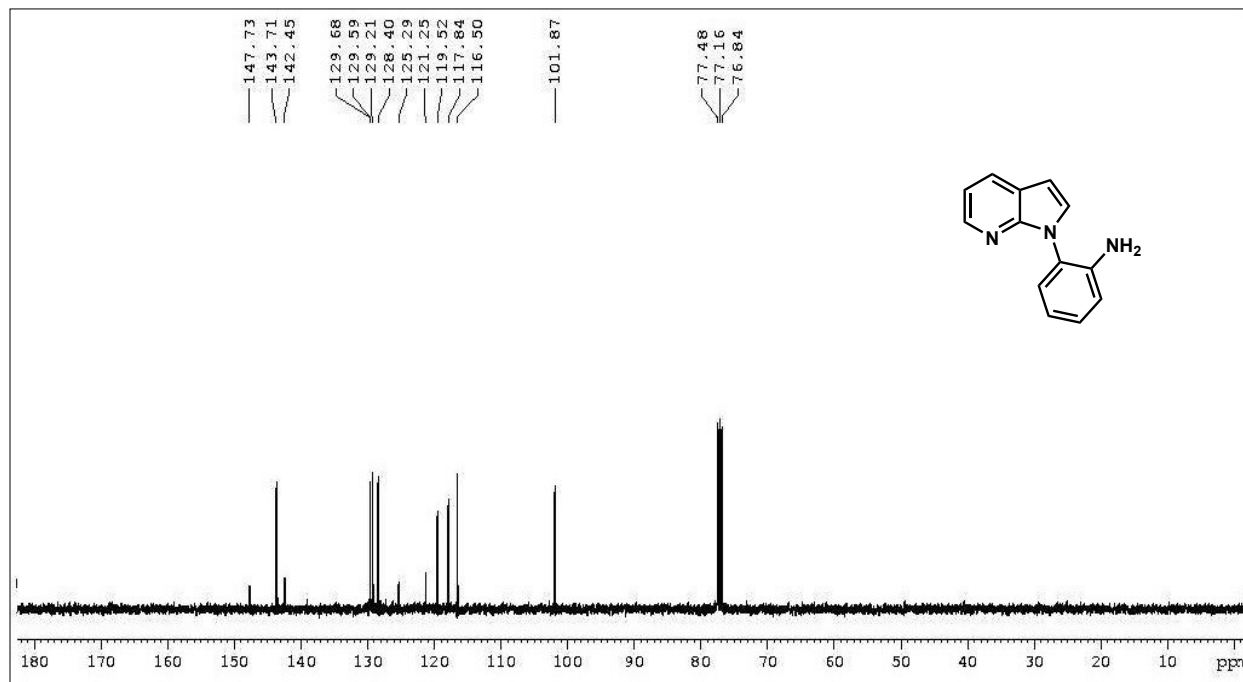


Figure : 100 MHz ^{13}C -NMR spectrum of **9f** in CDCl_3

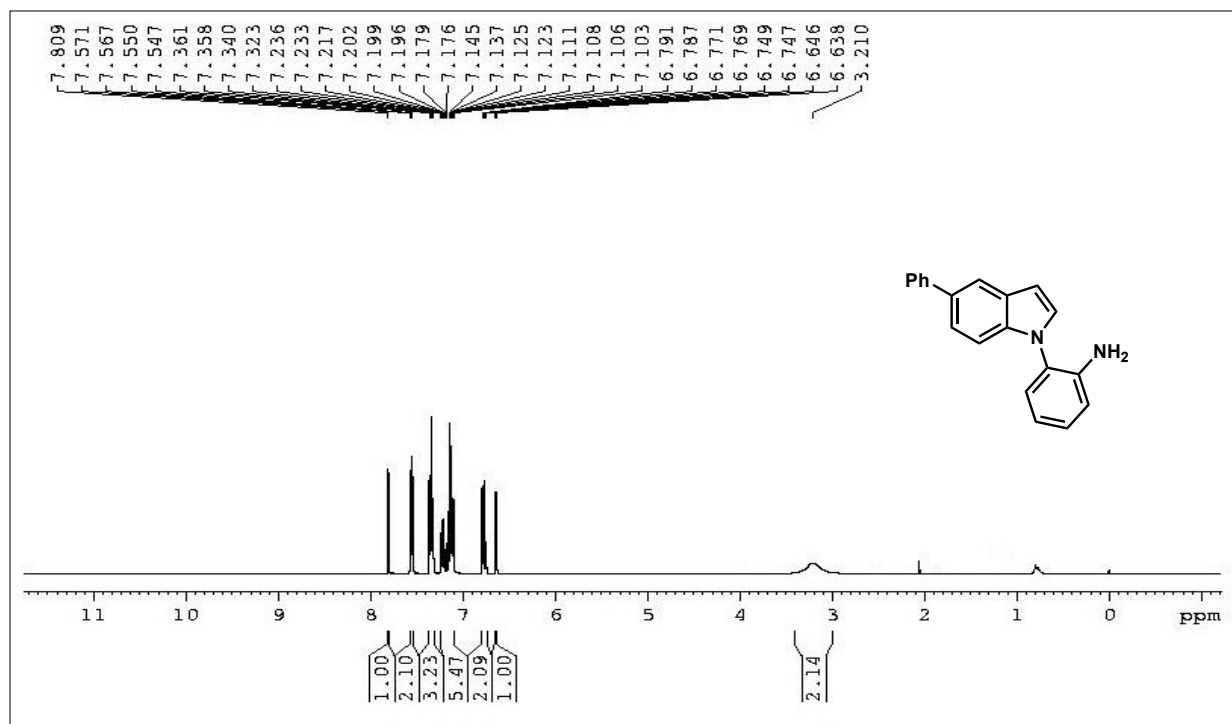


Figure : 400 MHz ^1H -NMR spectrum of **9g** in CDCl_3

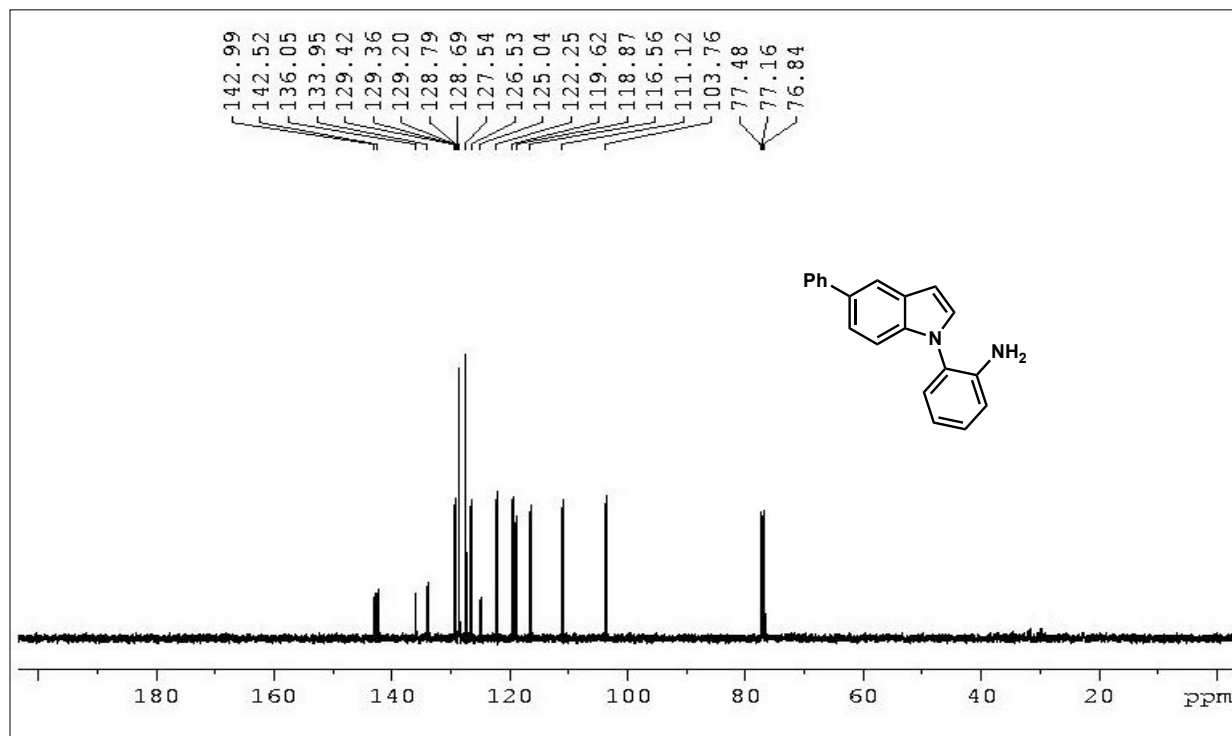


Figure : 100 MHz ^{13}C -NMR spectrum of **9g** in CDCl_3

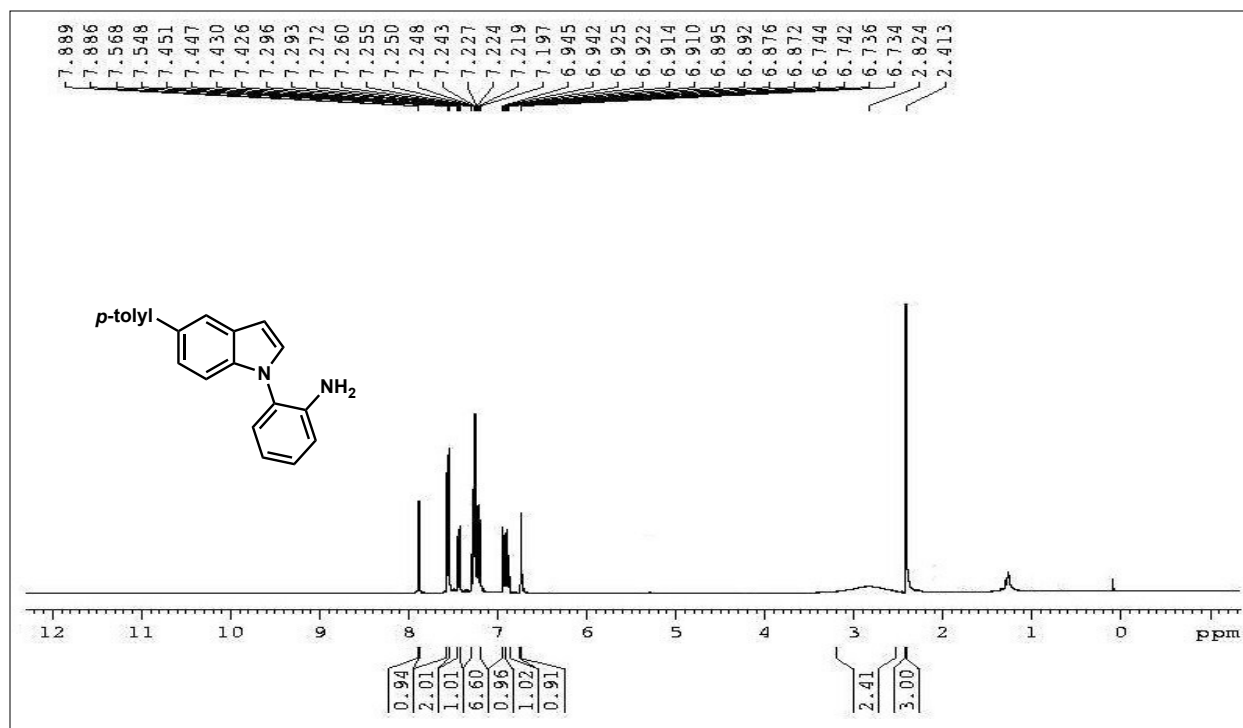


Figure : 400 MHz ¹H-NMR spectrum of **9h** in CDCl₃

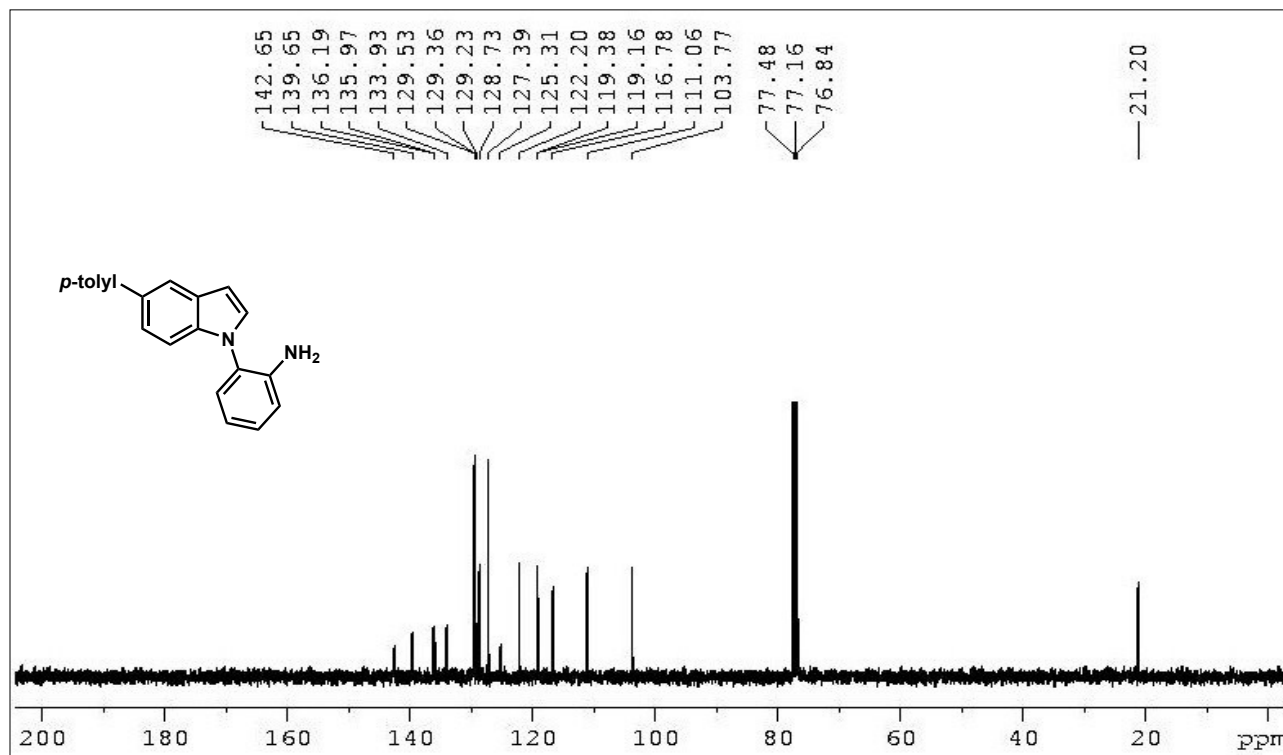


Figure : 100 MHz ¹³C-NMR spectrum of **9h** in CDCl₃

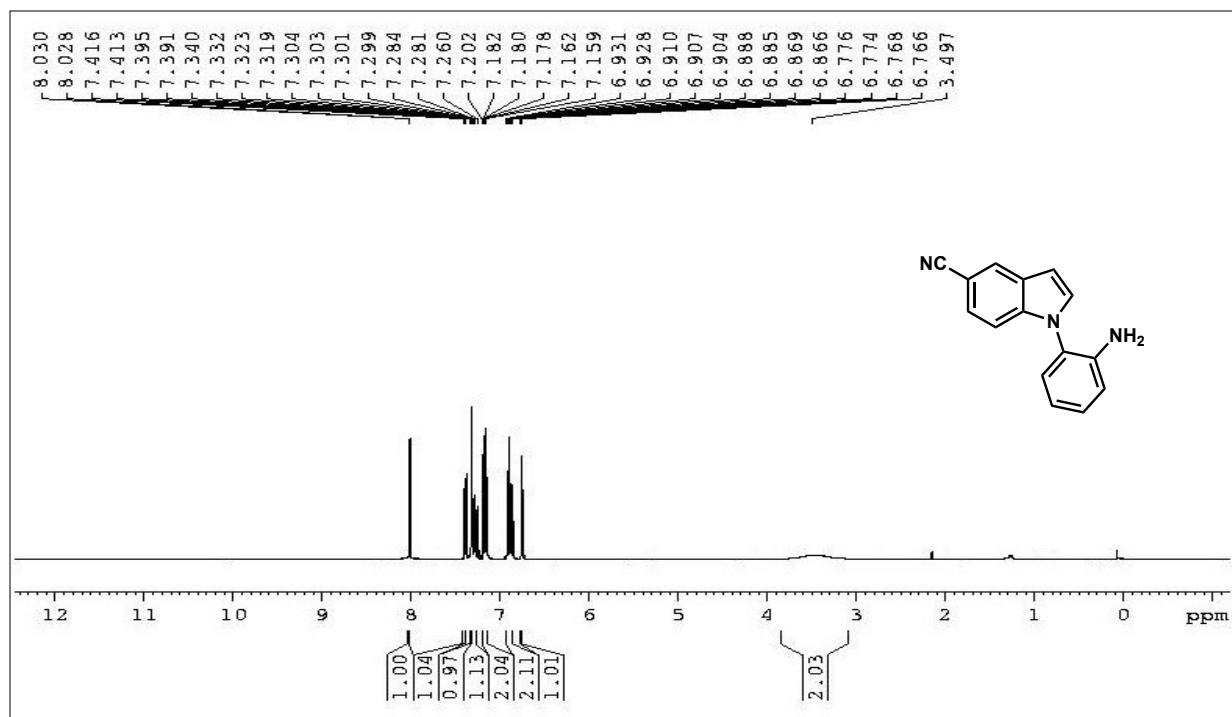


Figure : 400 MHz ^1H -NMR spectrum of **9i** in CDCl_3

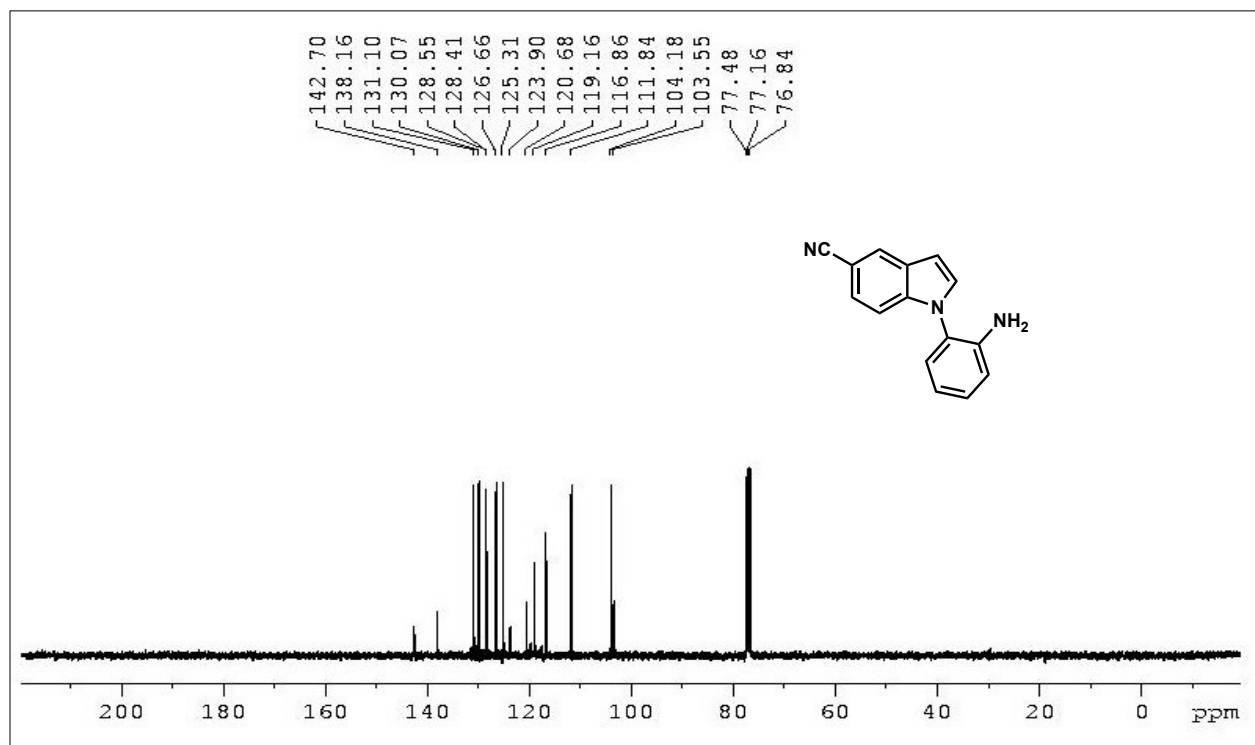


Figure : 100 MHz ^{13}C -NMR spectrum of **9i** in CDCl_3

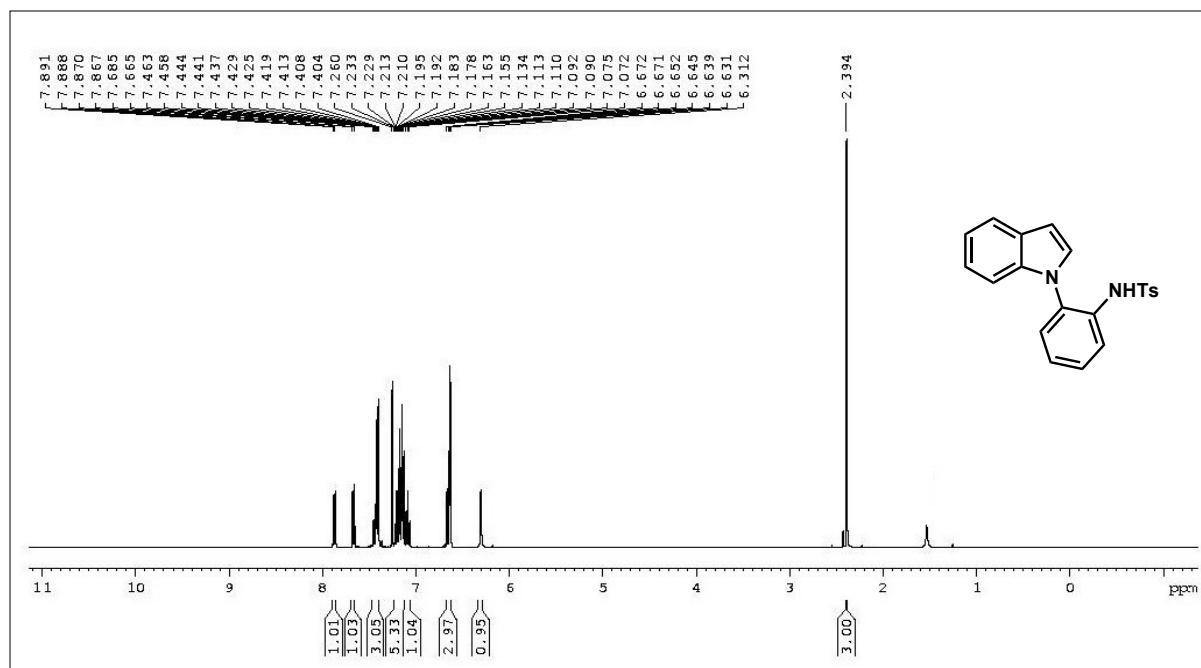


Figure : 400 MHz ^1H -NMR spectrum of **1a** in CDCl_3

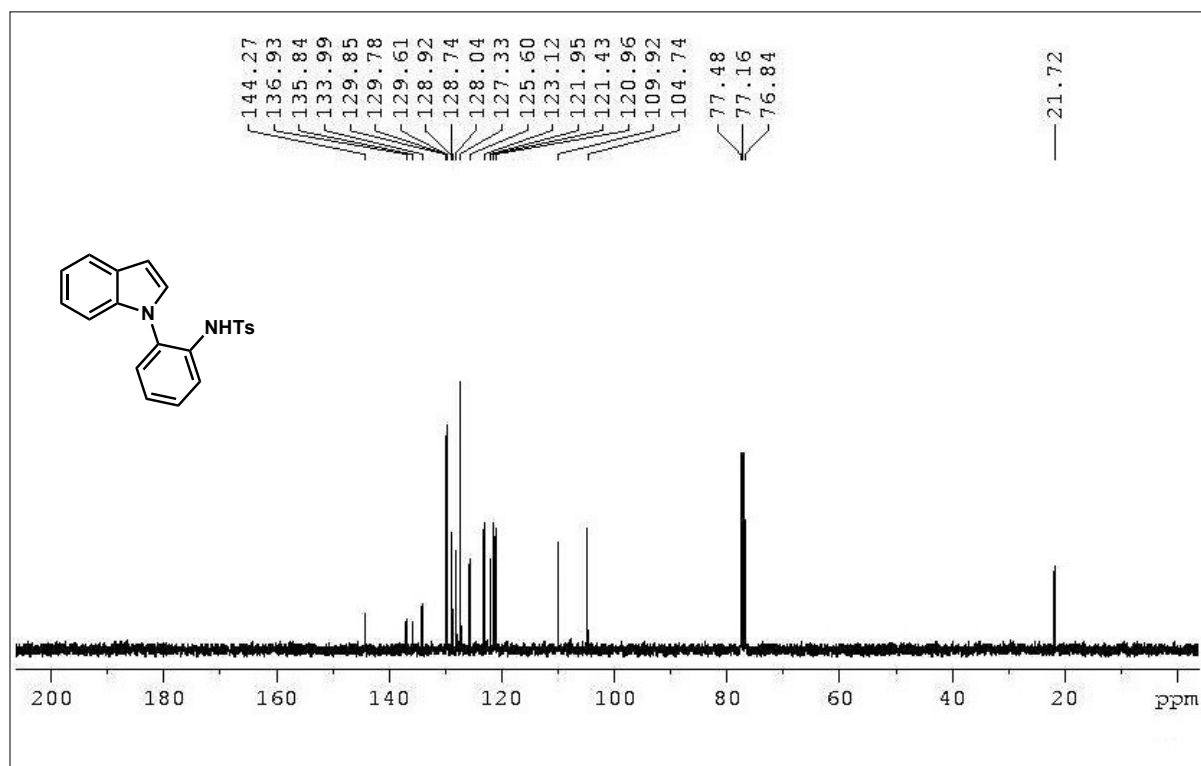


Figure : 100 MHz ^{13}C -NMR spectrum of **1a** in CDCl_3

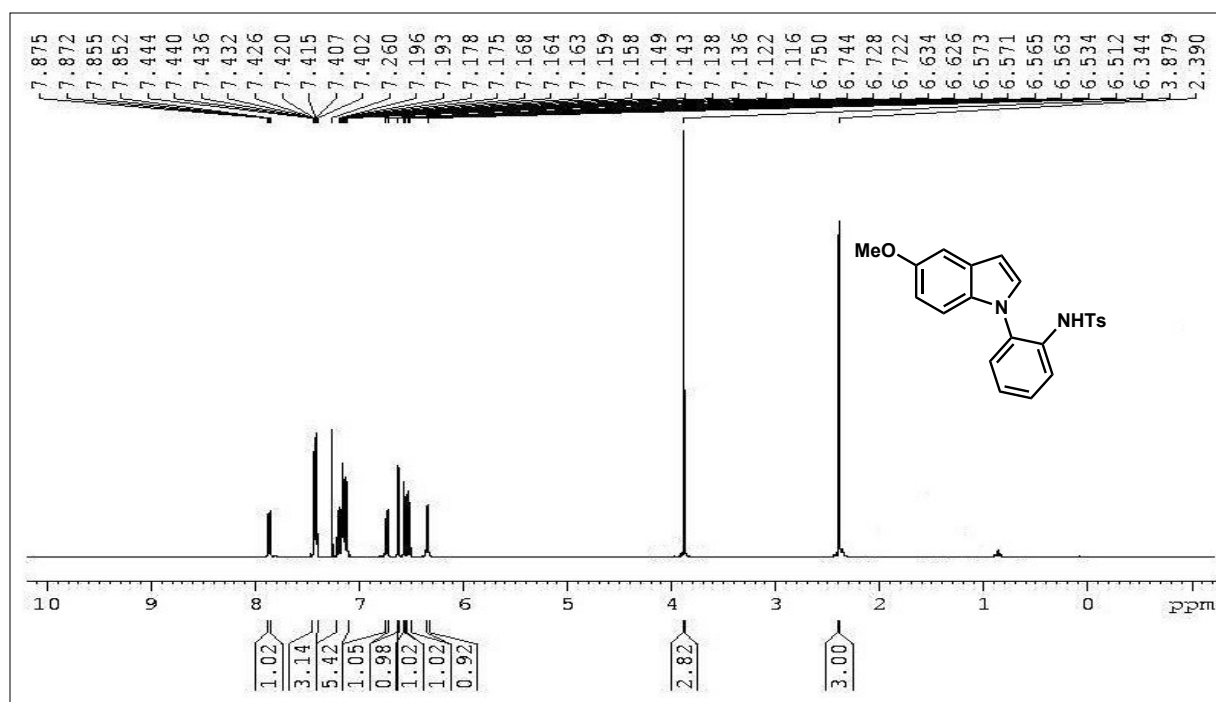


Figure : 400 MHz ^1H -NMR spectrum of **1b** in CDCl_3

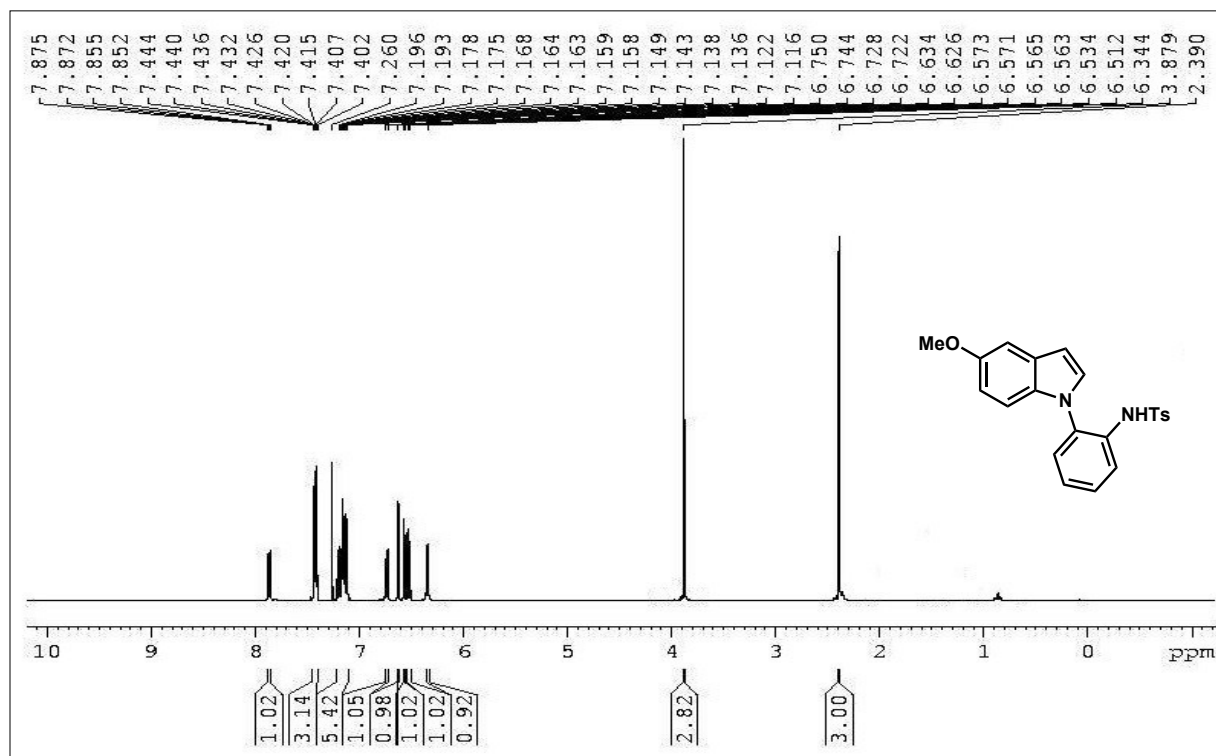


Figure : 100 MHz ^{13}C -NMR spectrum of **1b** in CDCl_3

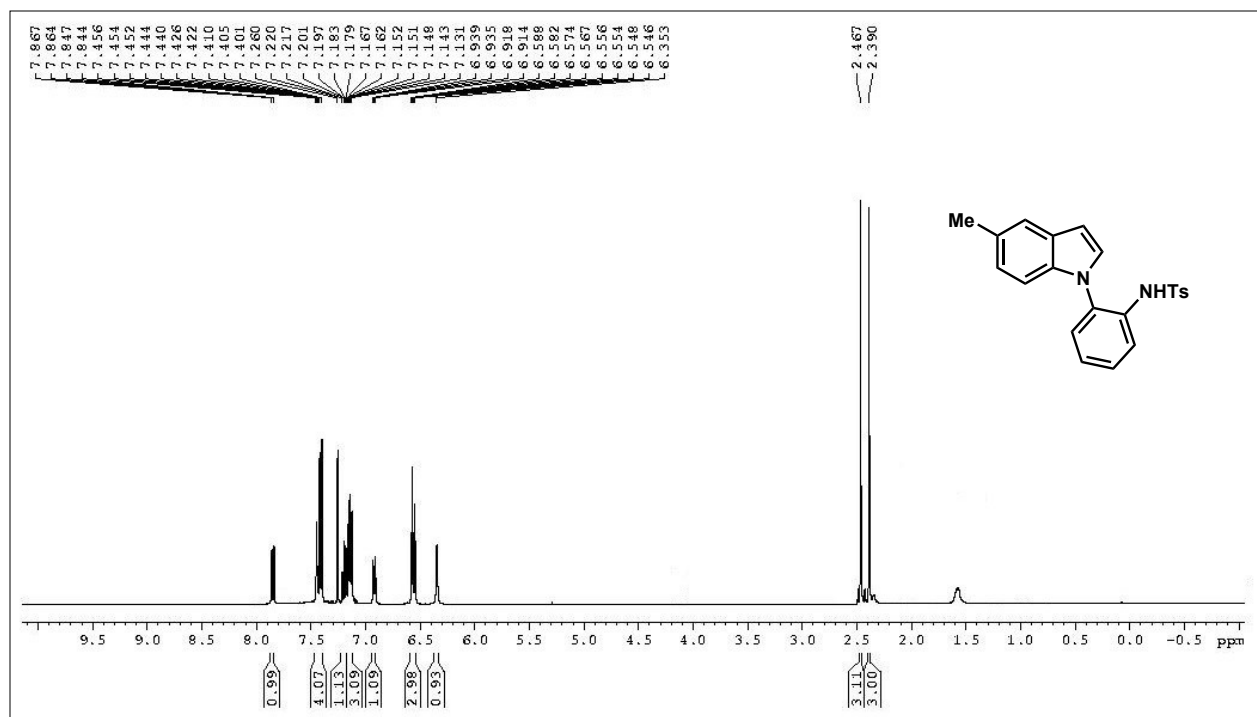


Figure : 400 MHz ¹H-NMR spectrum of 1c in CDCl₃

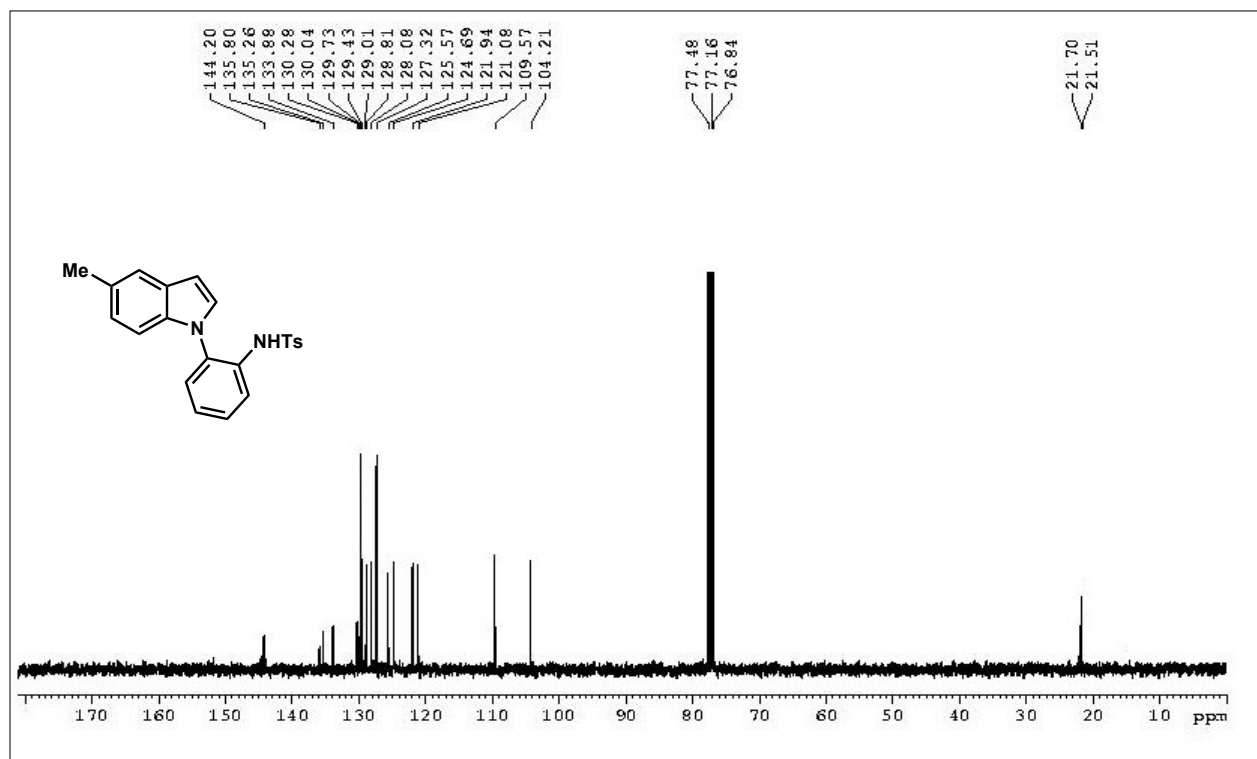


Figure : 400 MHz ¹³C-NMR spectrum of 1c in CDCl₃

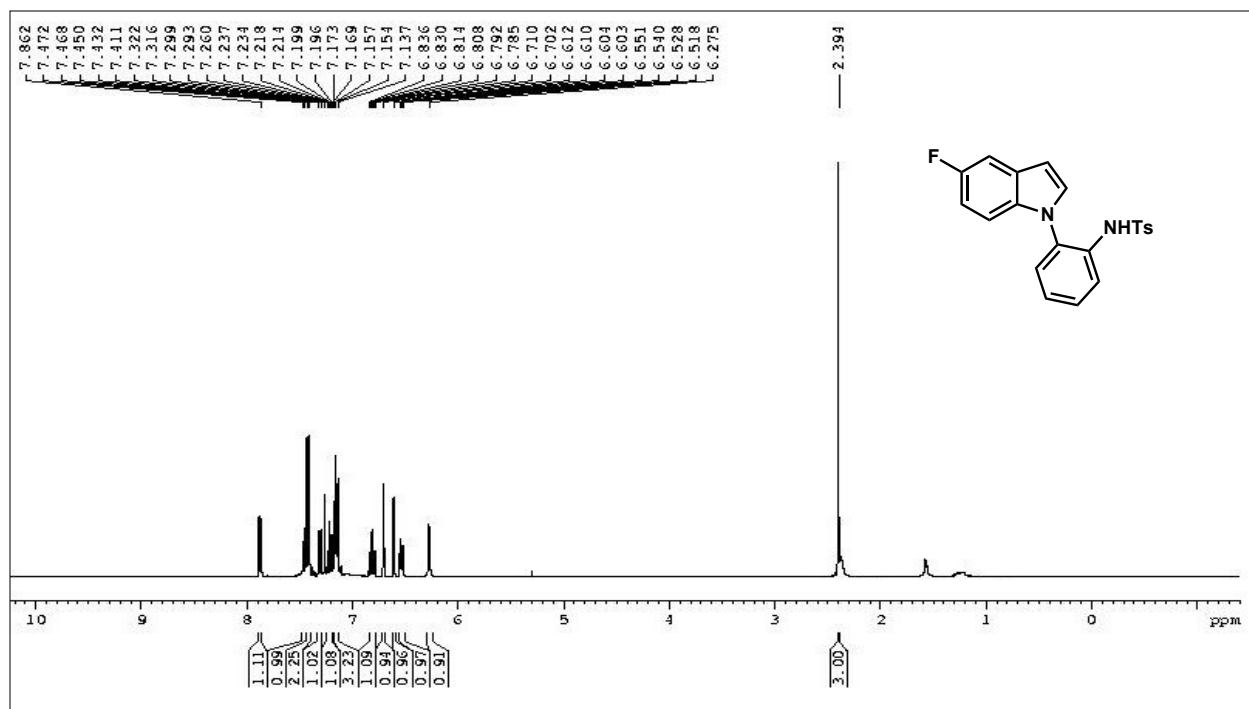


Figure : 400 MHz ^1H -NMR spectrum of **1d** in CDCl_3

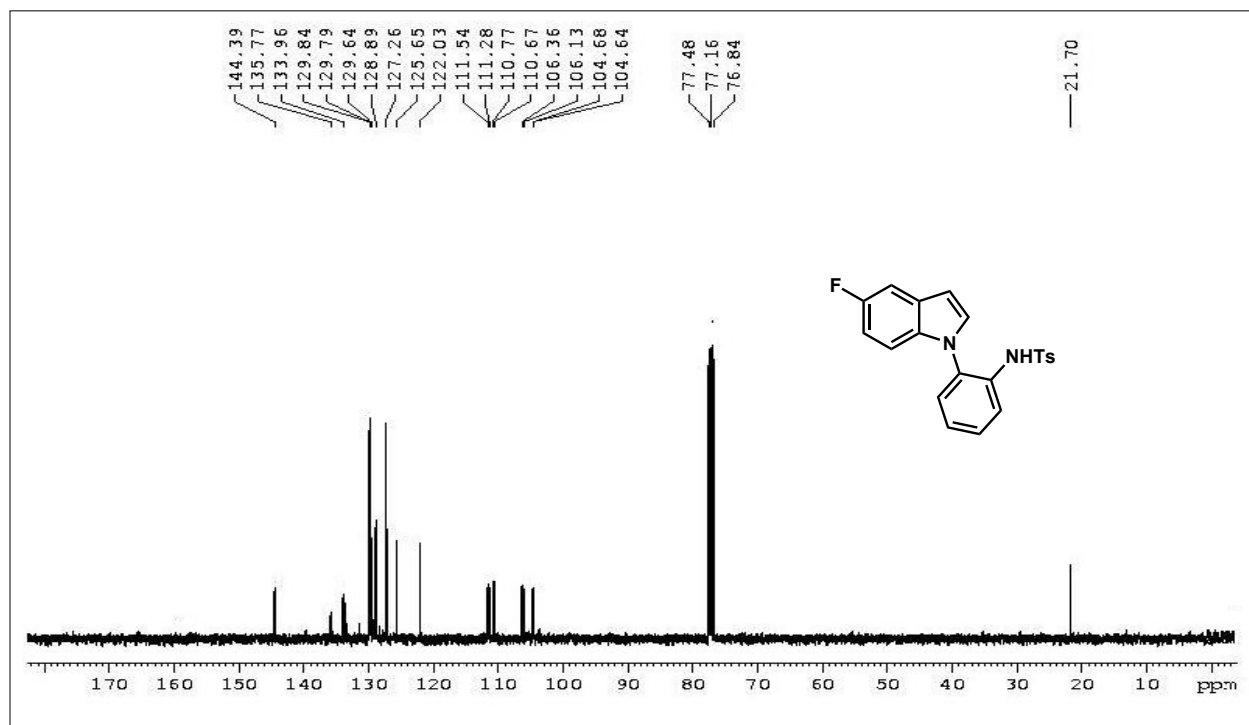


Figure : 100 MHz ^{13}C -NMR spectrum of **1d** in CDCl_3

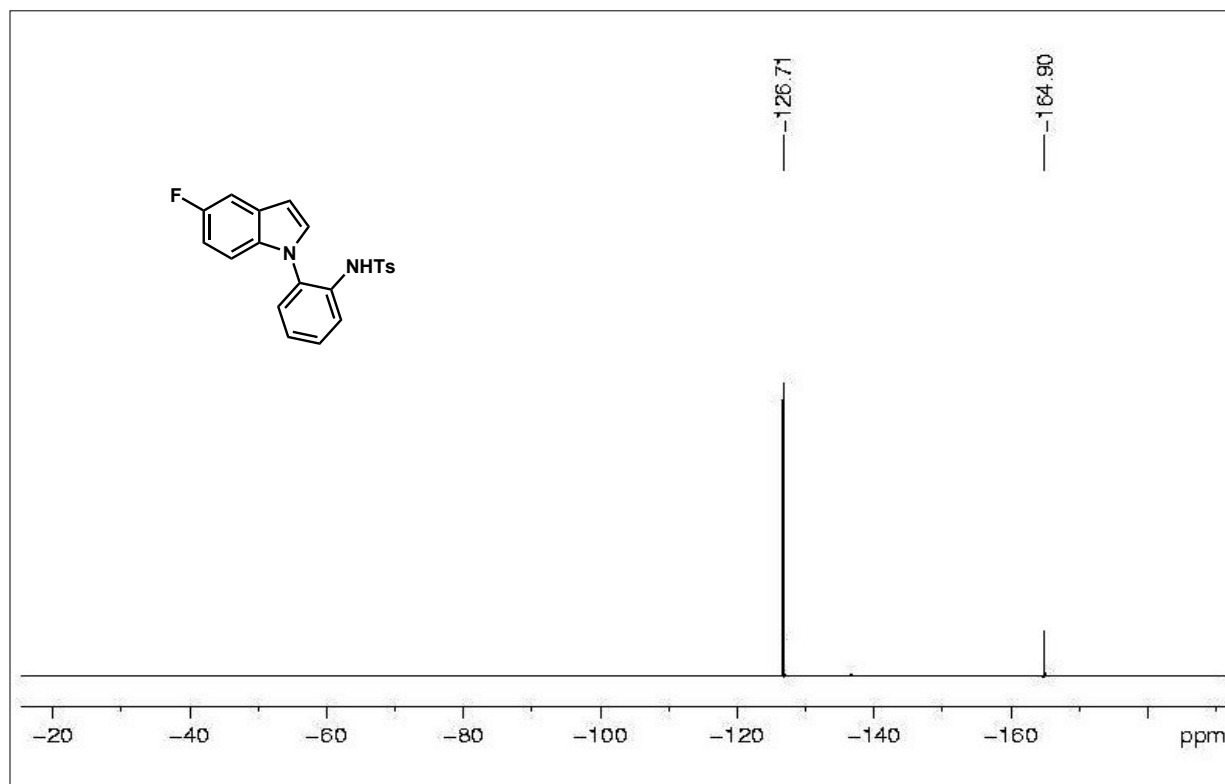


Figure : 500 MHz ^{19}F -NMR spectrum of **1d** in C_6F_6

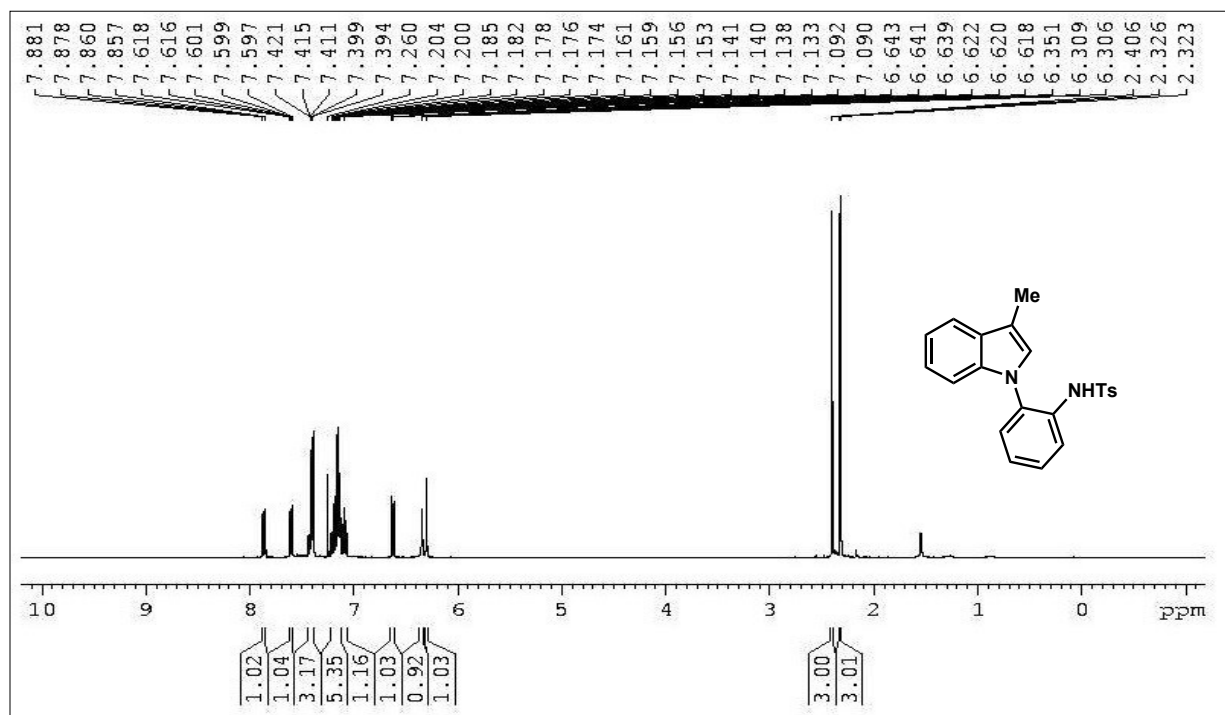


Figure : 400 MHz ^1H -NMR spectrum of **1e** in CDCl_3

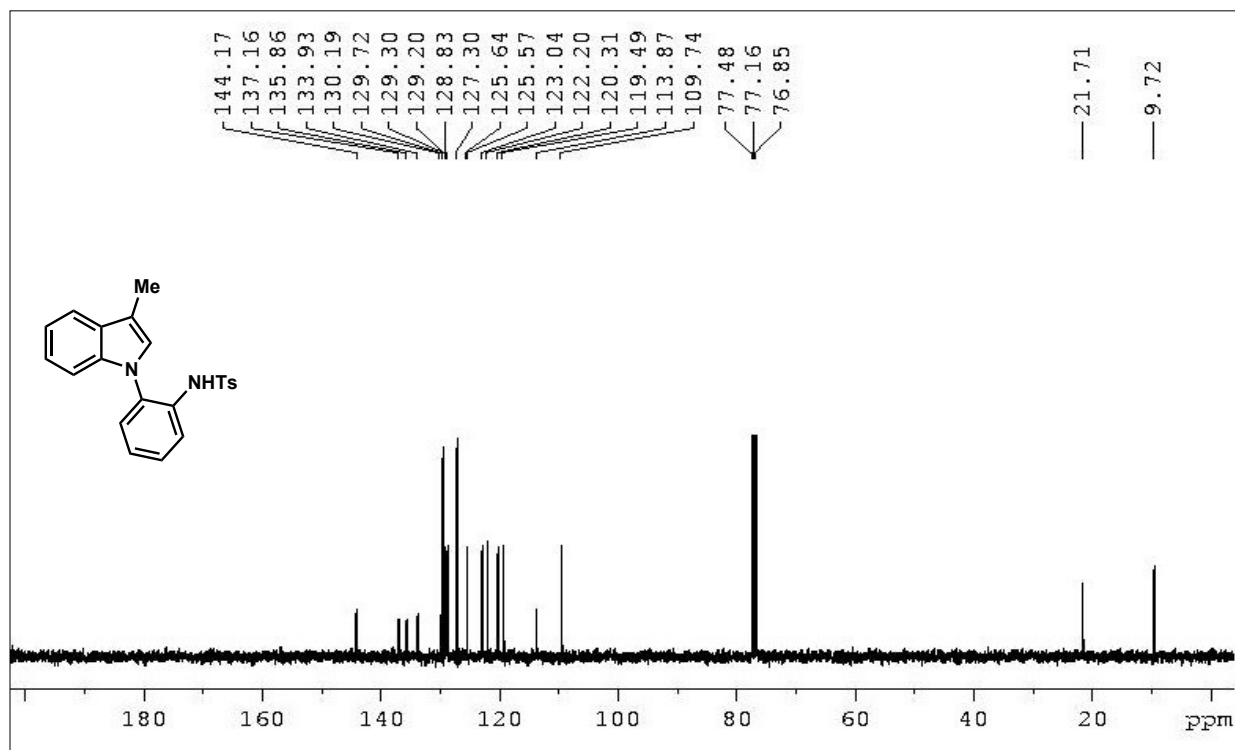


Figure : 100 MHz ^{13}C -NMR spectrum of **1e** in CDCl_3

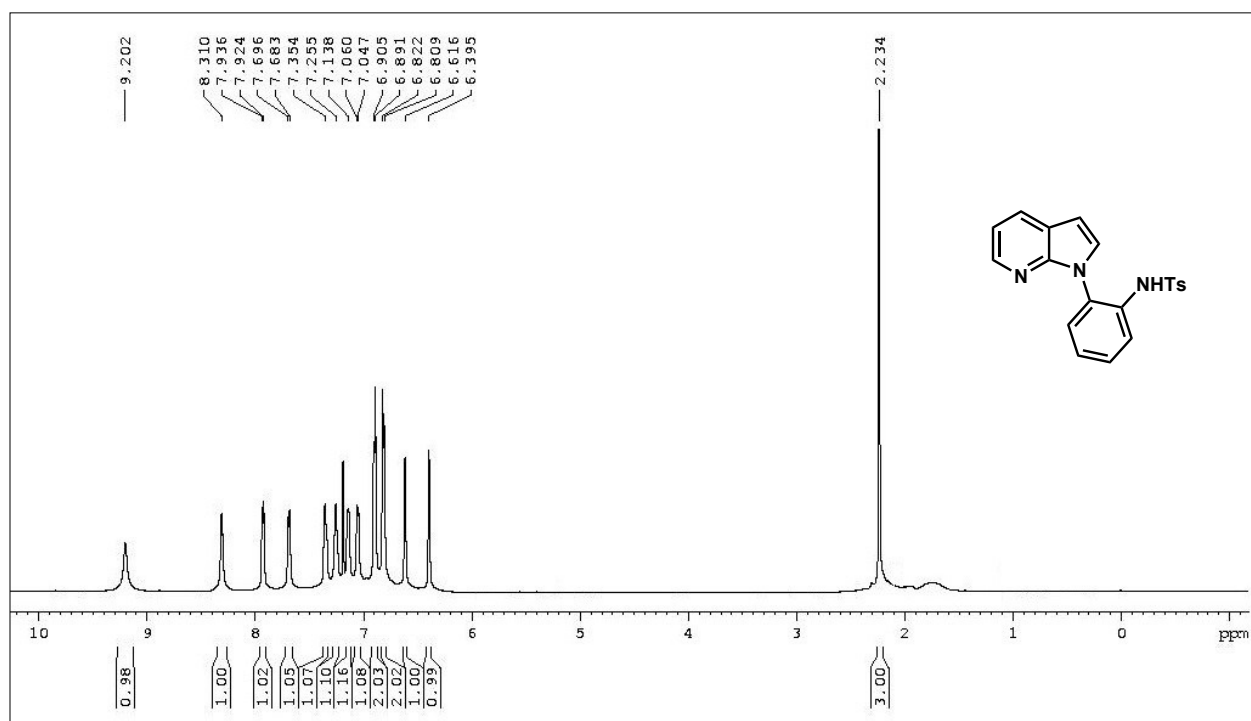


Figure : 400 MHz ^1H -NMR spectrum of **1f** in CDCl_3

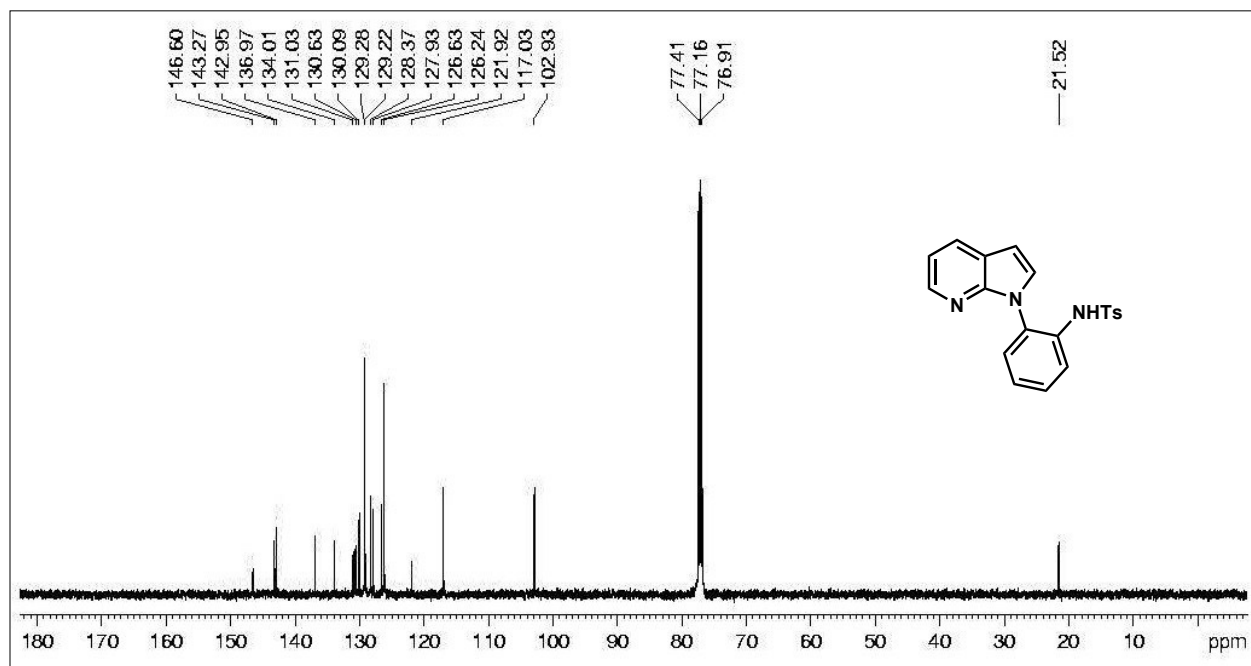


Figure : 100 MHz ¹³C-NMR spectrum of **1f** in CDCl₃

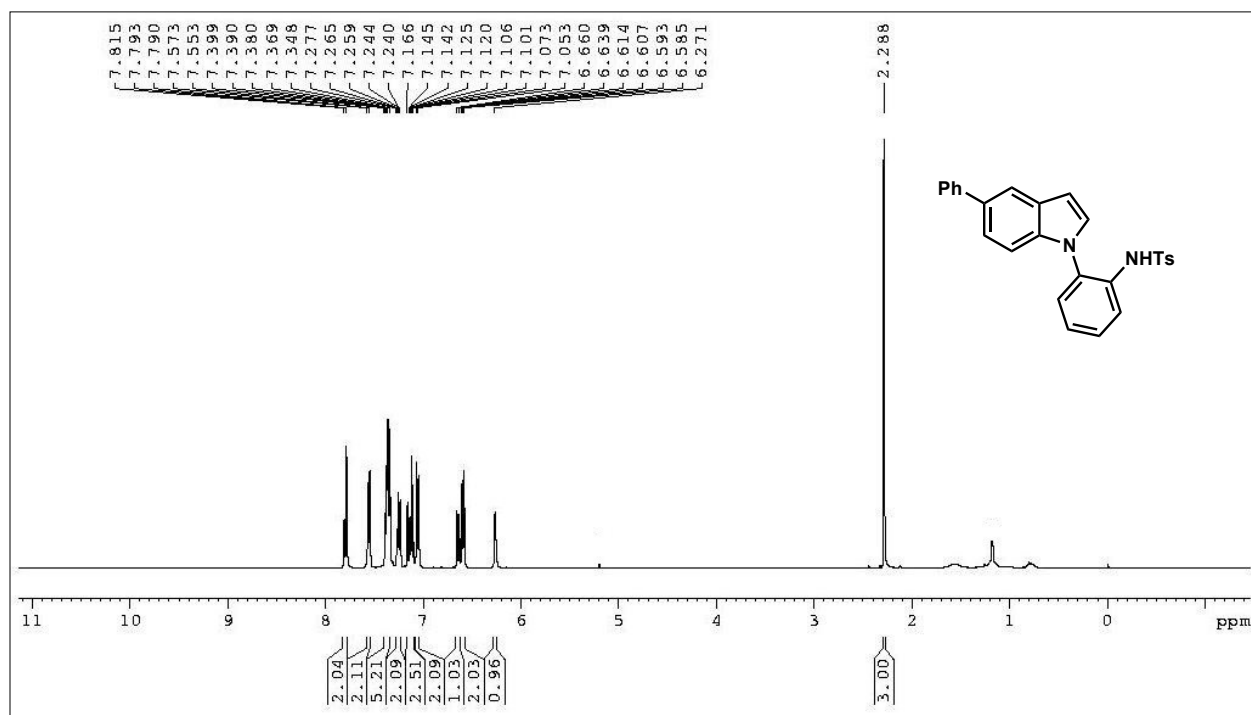


Figure : 400 MHz ¹H-NMR spectrum of **1g** in CDCl₃

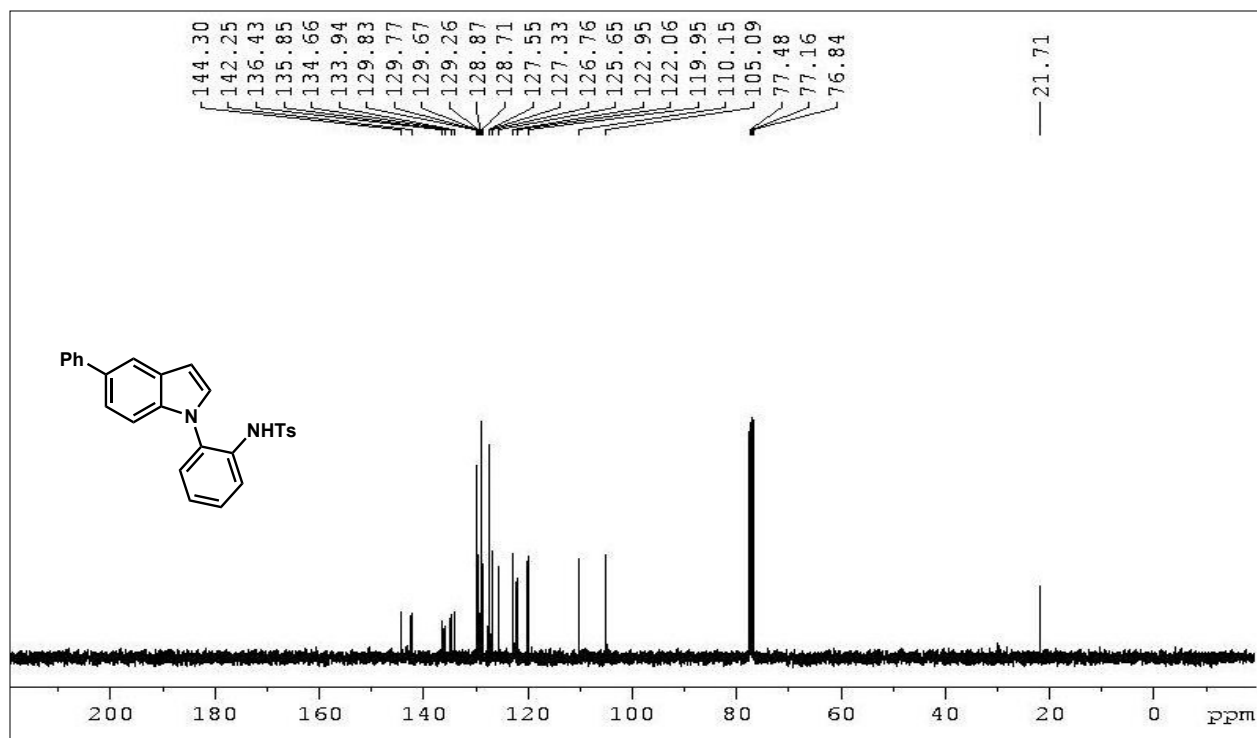


Figure : 100 MHz ^{13}C -NMR spectrum of **1g** in CDCl_3

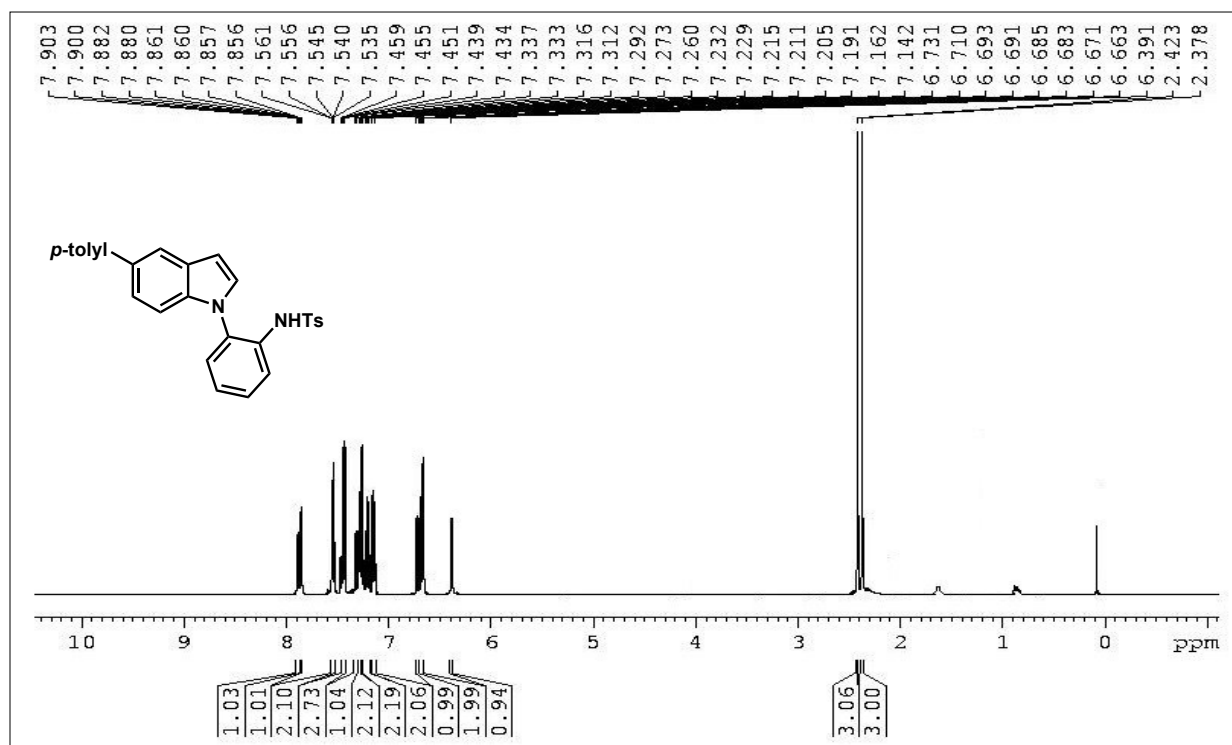


Figure : 400 MHz ^1H -NMR spectrum of **1h** in CDCl_3

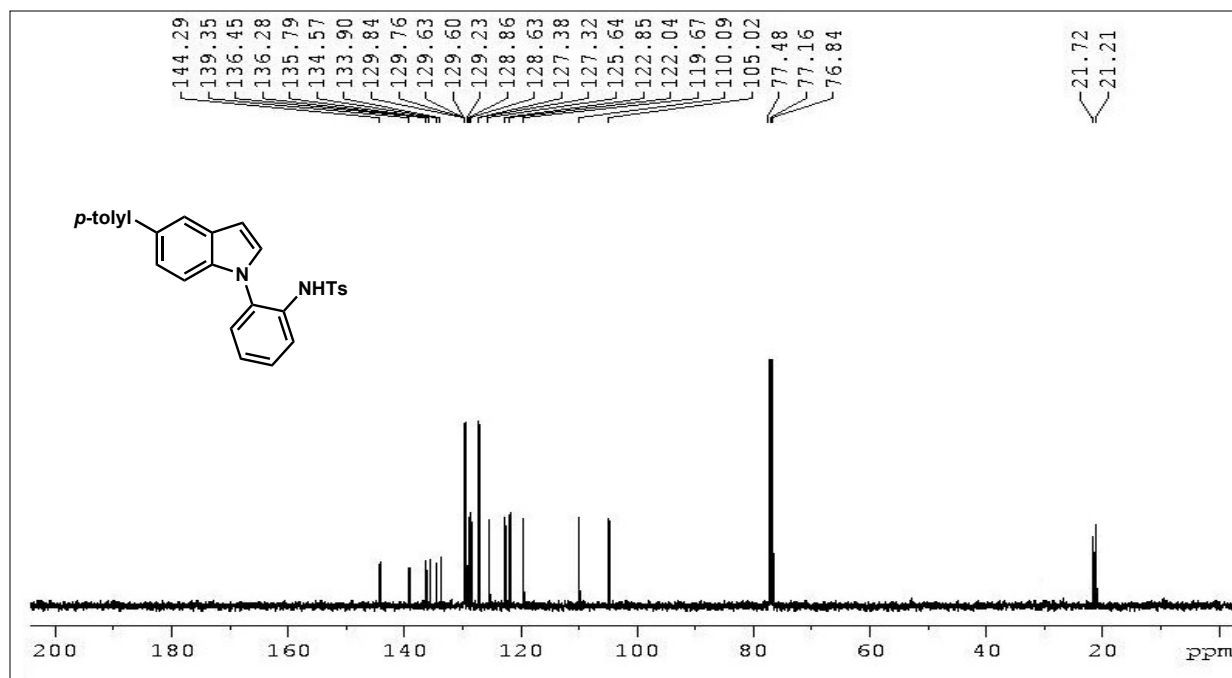


Figure : 100 MHz ^{13}C -NMR spectrum of **1h** in CDCl_3

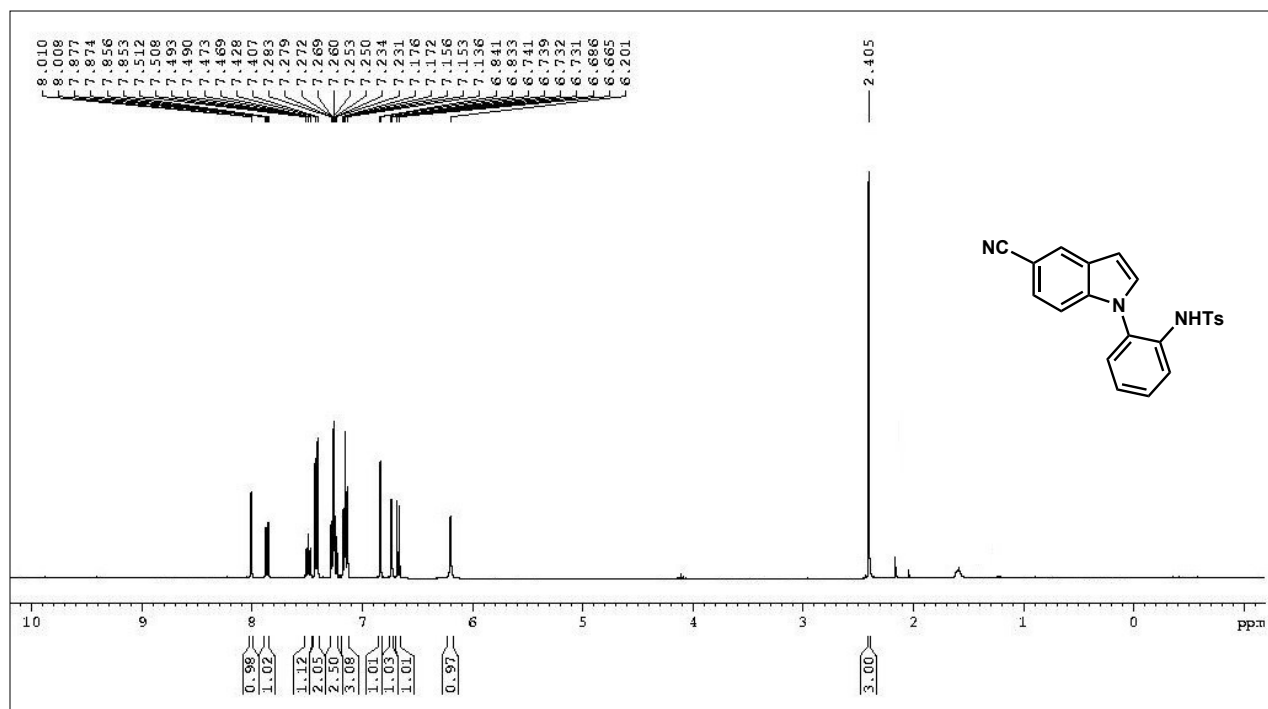


Figure : 400 MHz ^1H -NMR spectrum of **1i** in CDCl_3

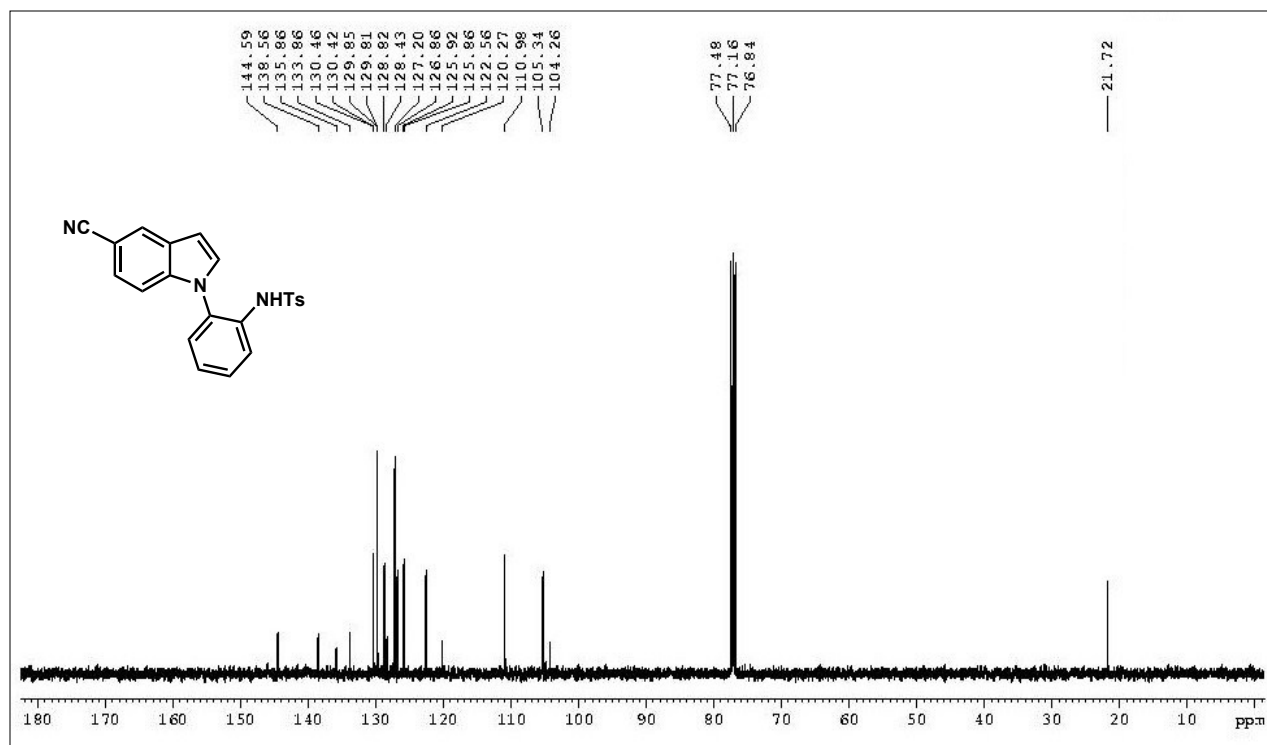


Figure : 100 MHz ¹³C-NMR spectrum of **1i** in CDCl₃

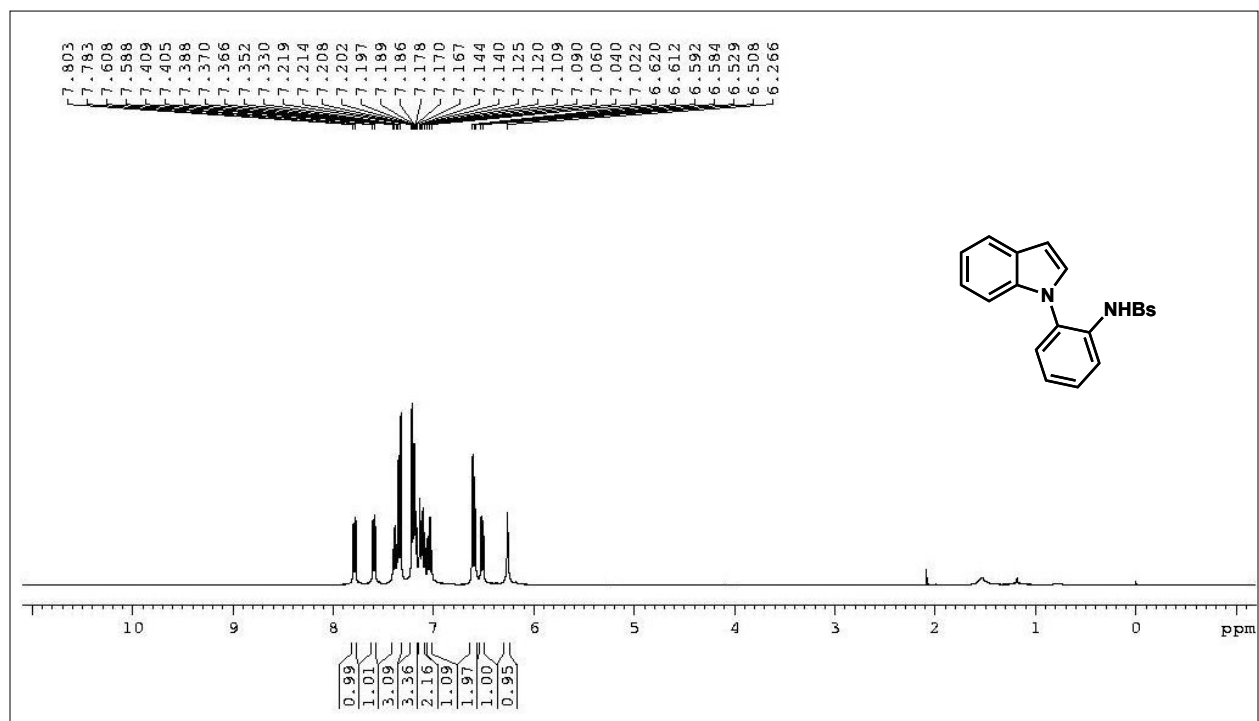


Figure : 400 MHz ¹H-NMR spectrum of **1j** in CDCl₃

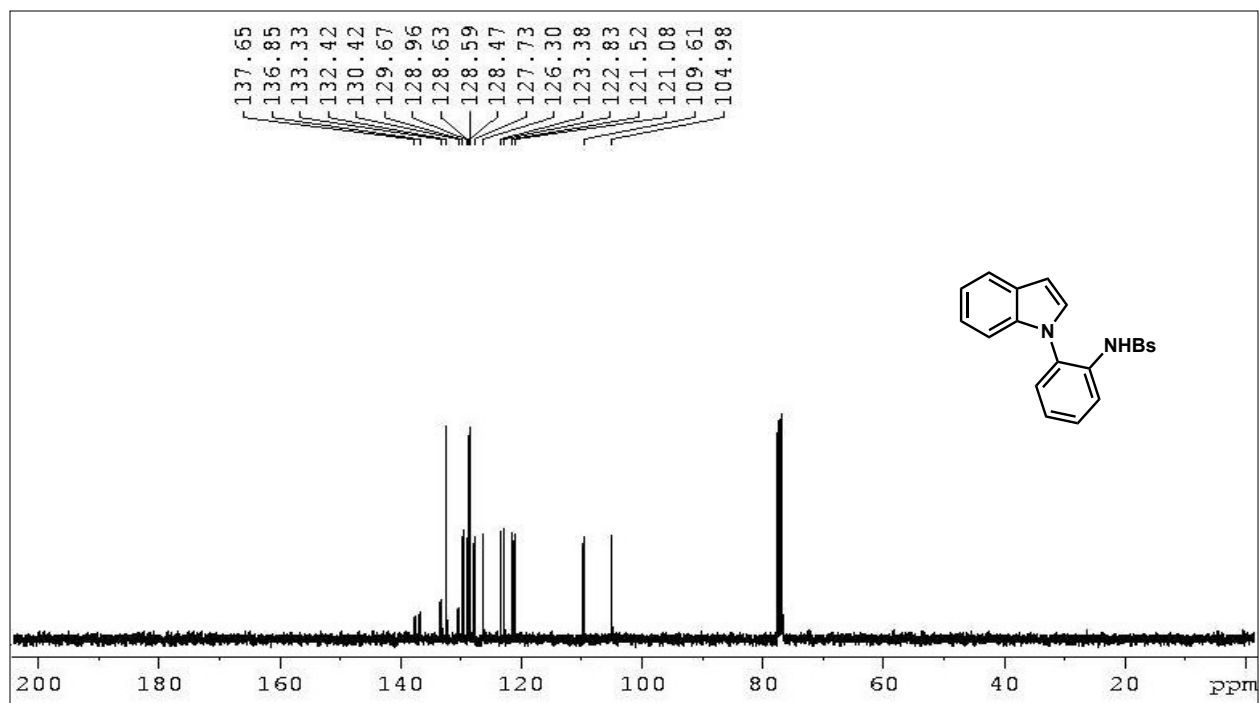


Figure : 100 MHz ¹³C-NMR spectrum of **1j** in CDCl₃

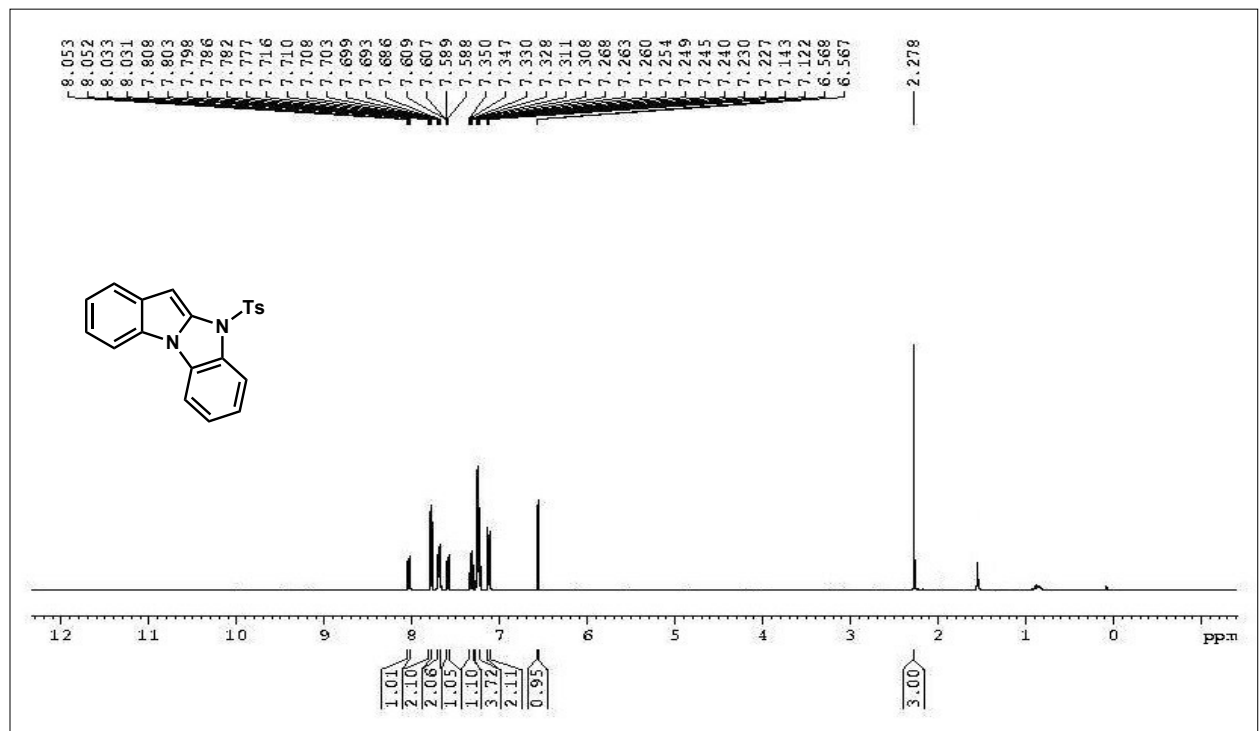


Figure : 400 MHz ¹H-NMR spectrum of **2a** in CDCl₃

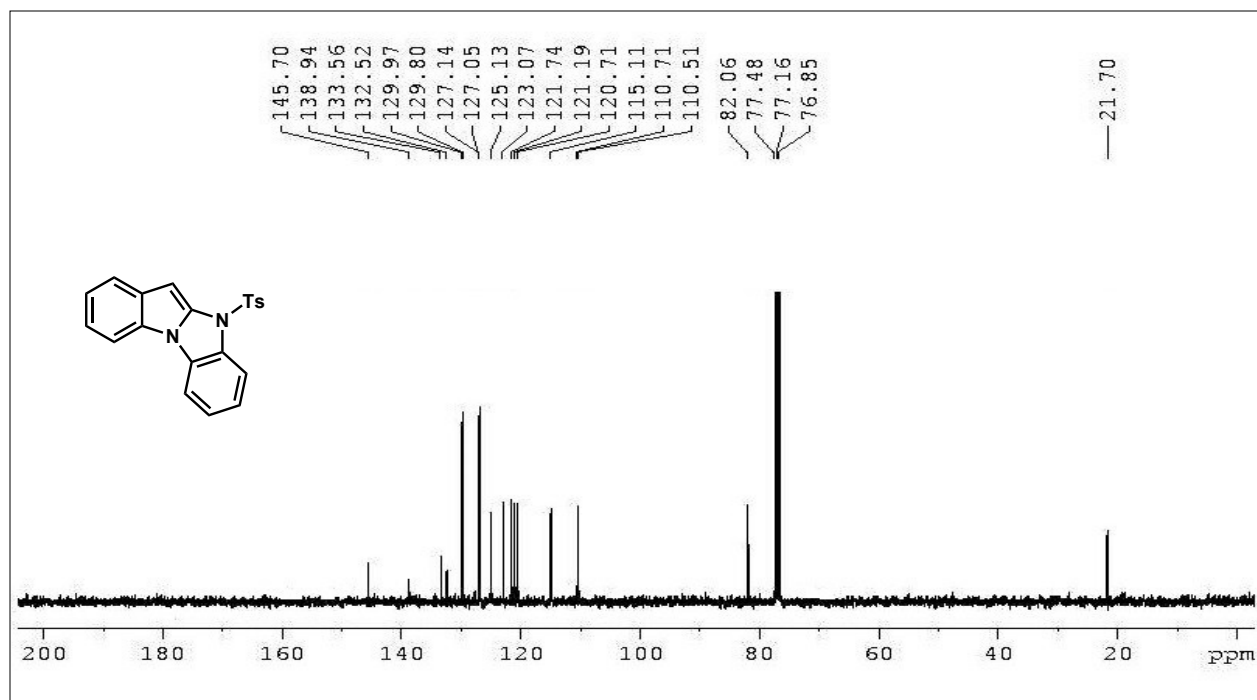


Figure : 100 MHz ^{13}C -NMR spectrum of **2a** in CDCl_3

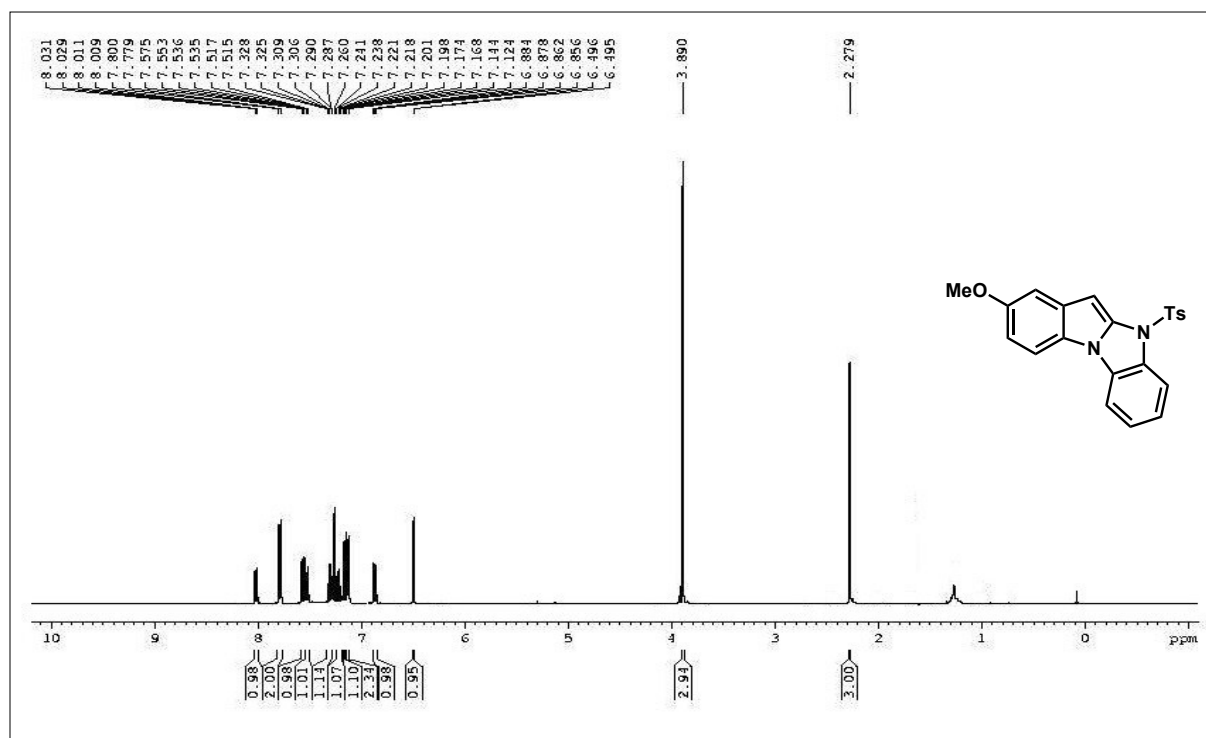


Figure : 400 MHz ^1H -NMR spectrum of **2b** in CDCl_3

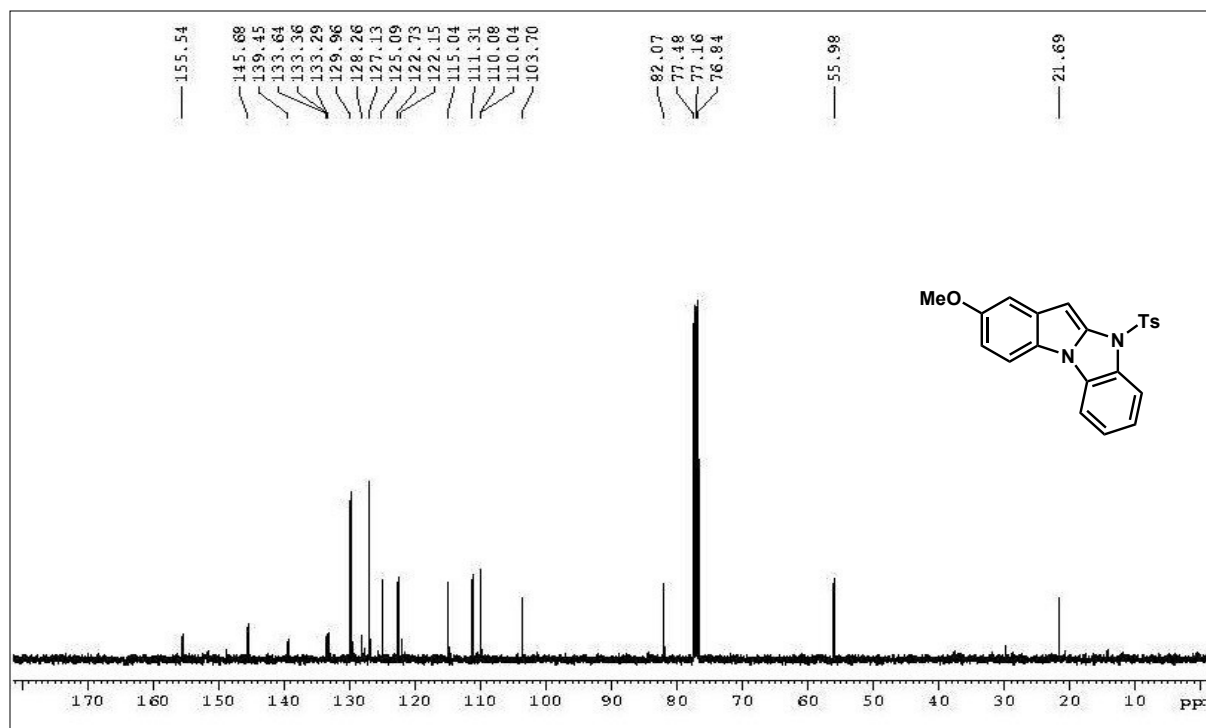


Figure : 100 MHz ^{13}C -NMR spectrum of **2b** in CDCl_3

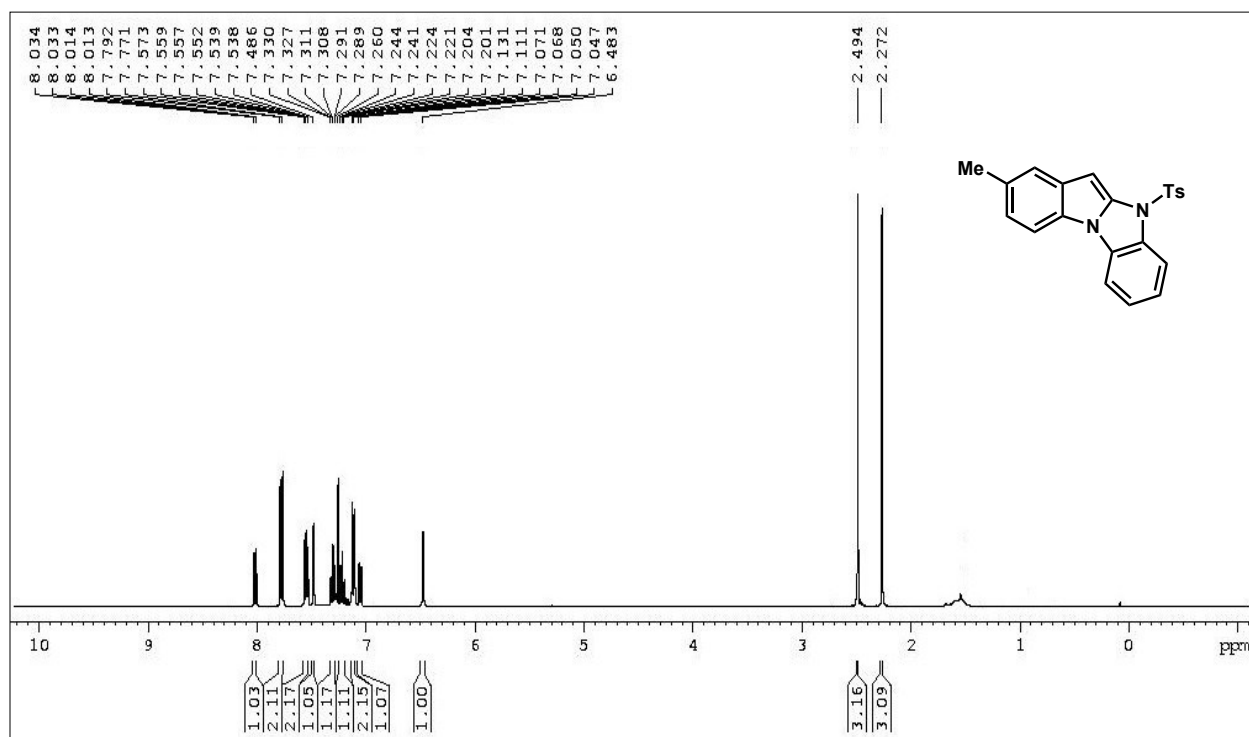


Figure : 400 MHz ^1H -NMR spectrum of **2c** in CDCl_3

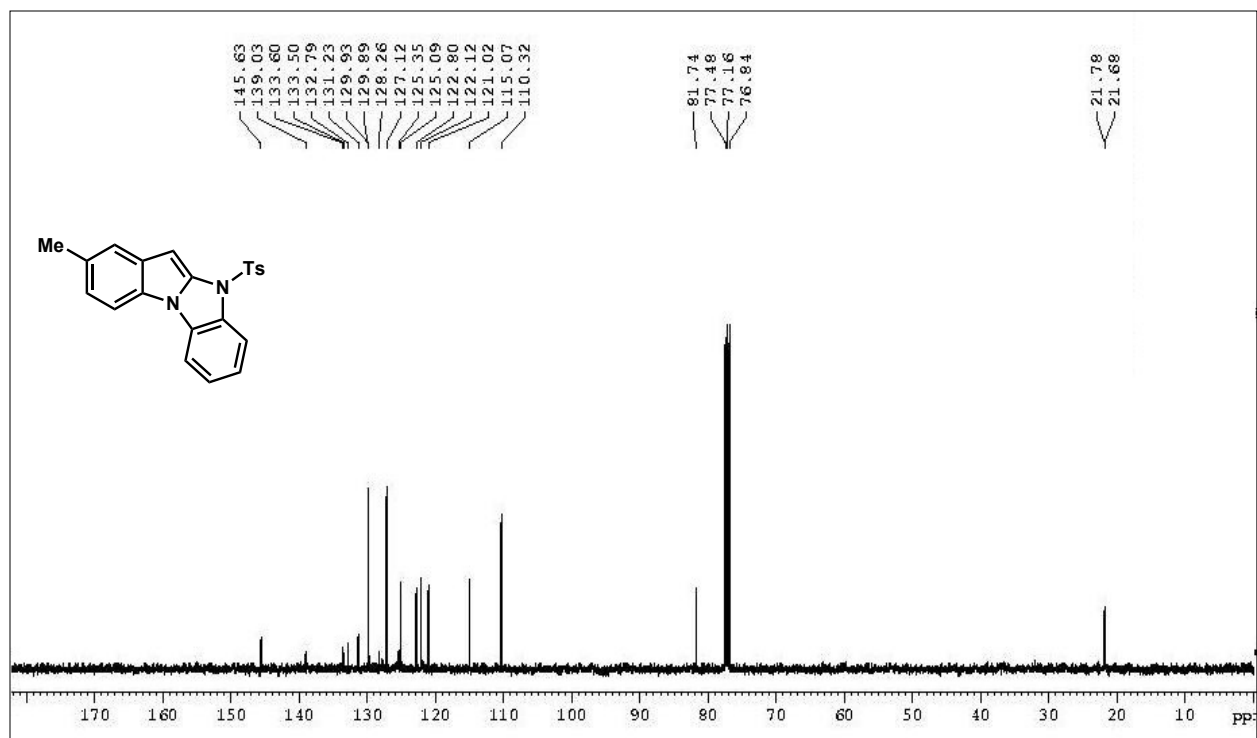


Figure : 100 MHz ¹³C-NMR spectrum of **2c** in CDCl₃

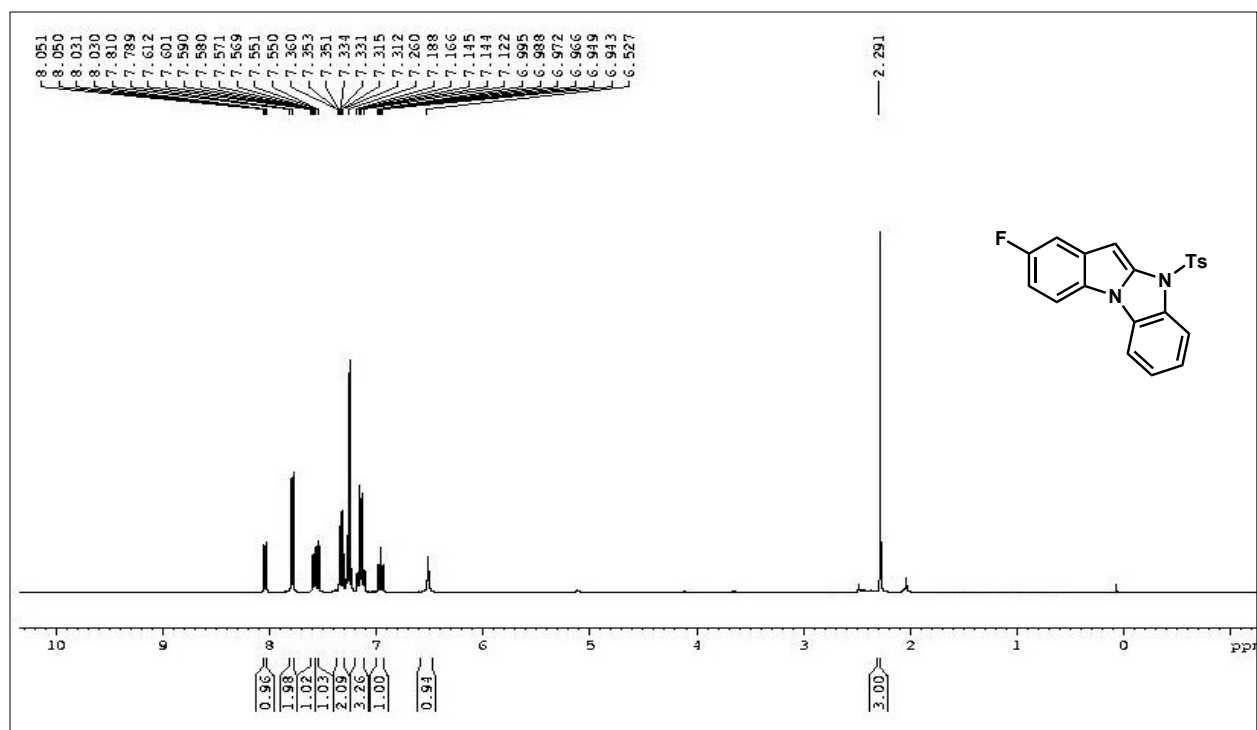


Figure : 400 MHz ¹H-NMR spectrum of **2d** in CDCl₃

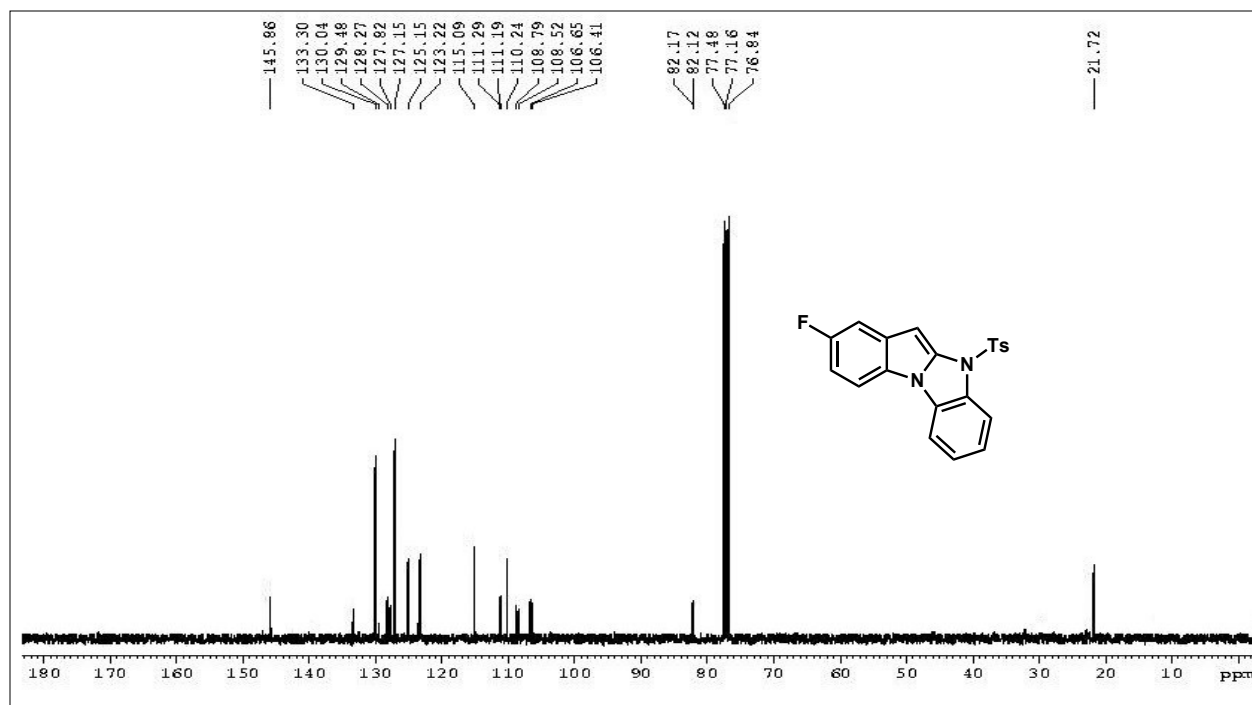


Figure : 100 MHz ^{13}C -NMR spectrum of **2d** in CDCl_3

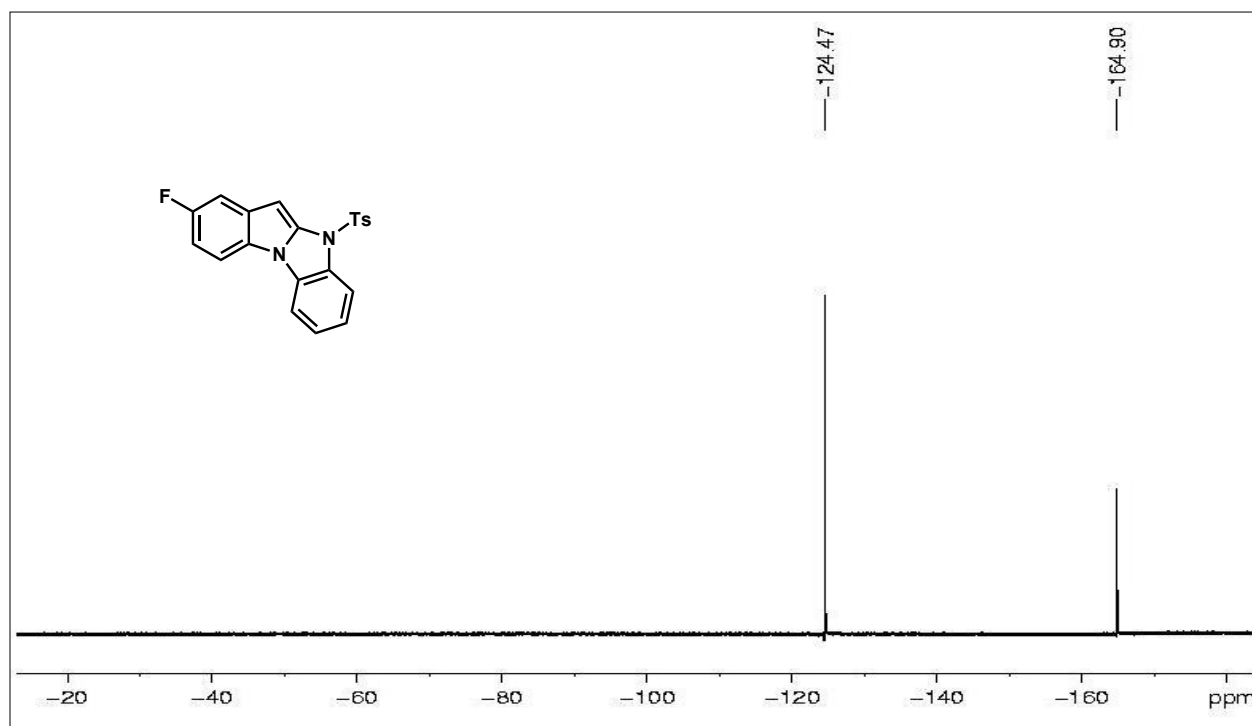


Figure : 500 MHz ^{19}F -NMR spectrum of **2d** in C_6F_6

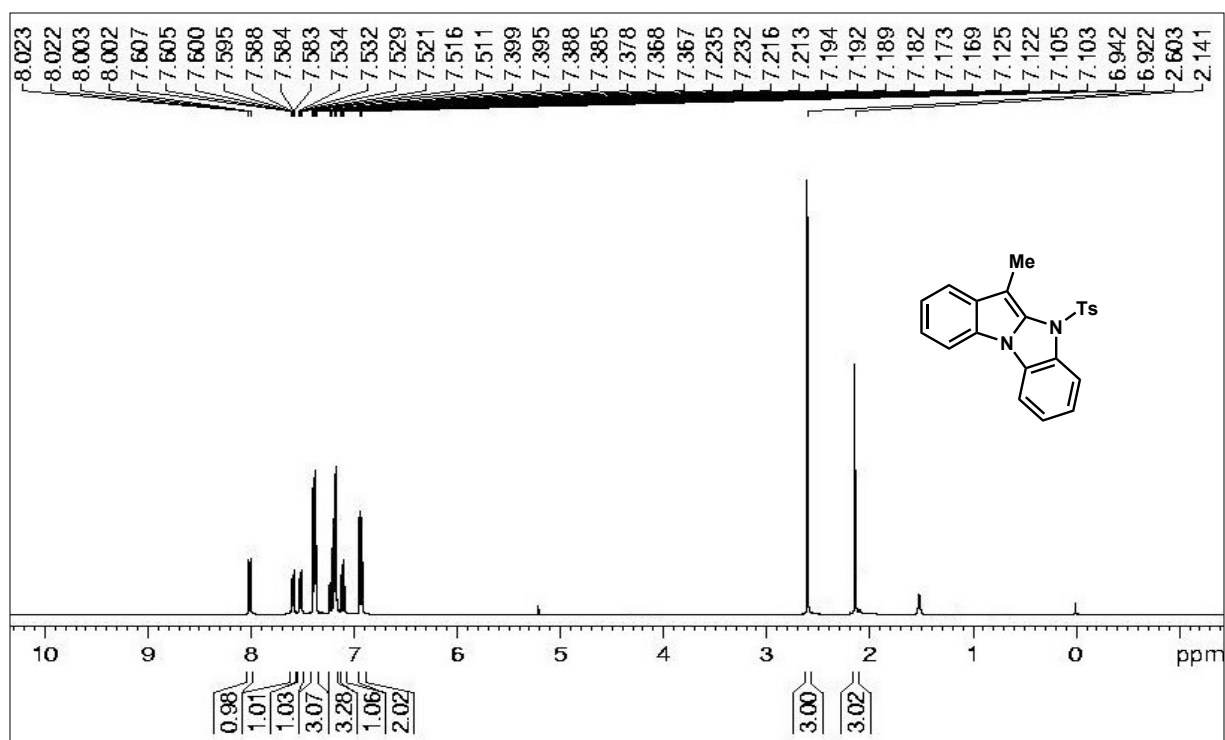


Figure : 400 MHz ^1H -NMR spectrum of **2e** in CDCl_3

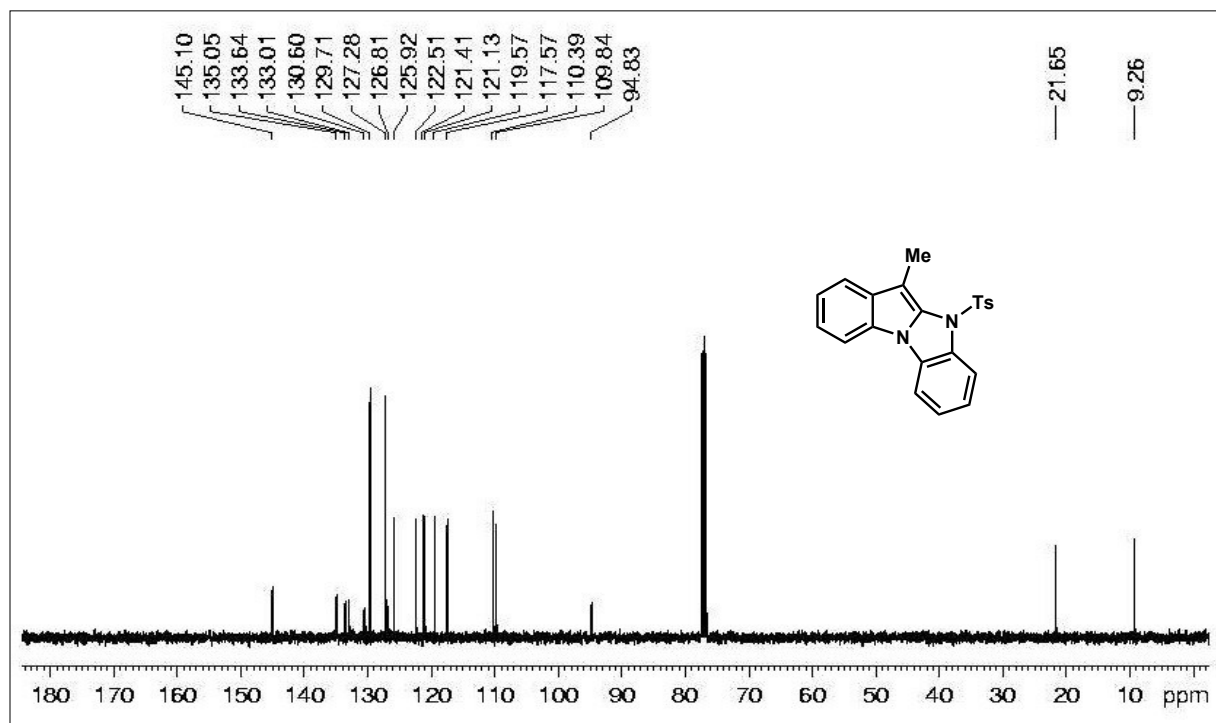


Figure : 100 MHz ^{13}C -NMR spectrum of **2e** in CDCl_3

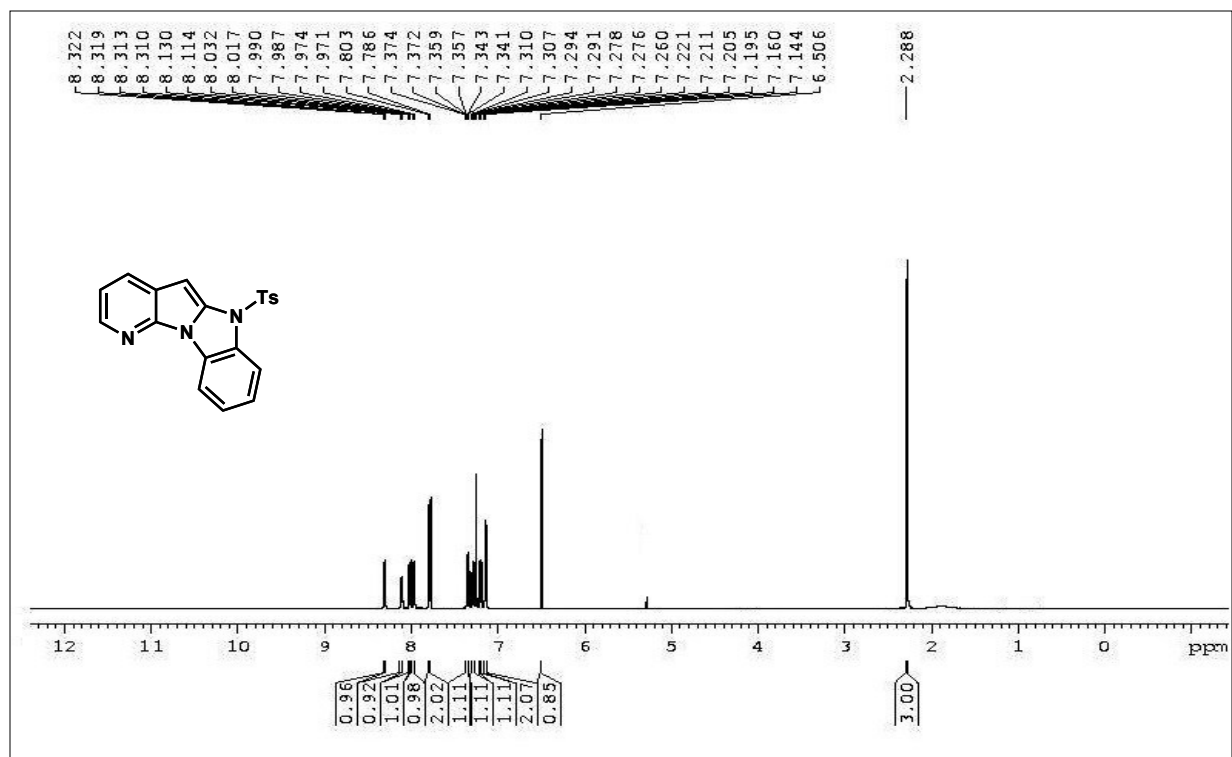


Figure : 400 MHz ¹H-NMR spectrum of **2f** in CDCl₃

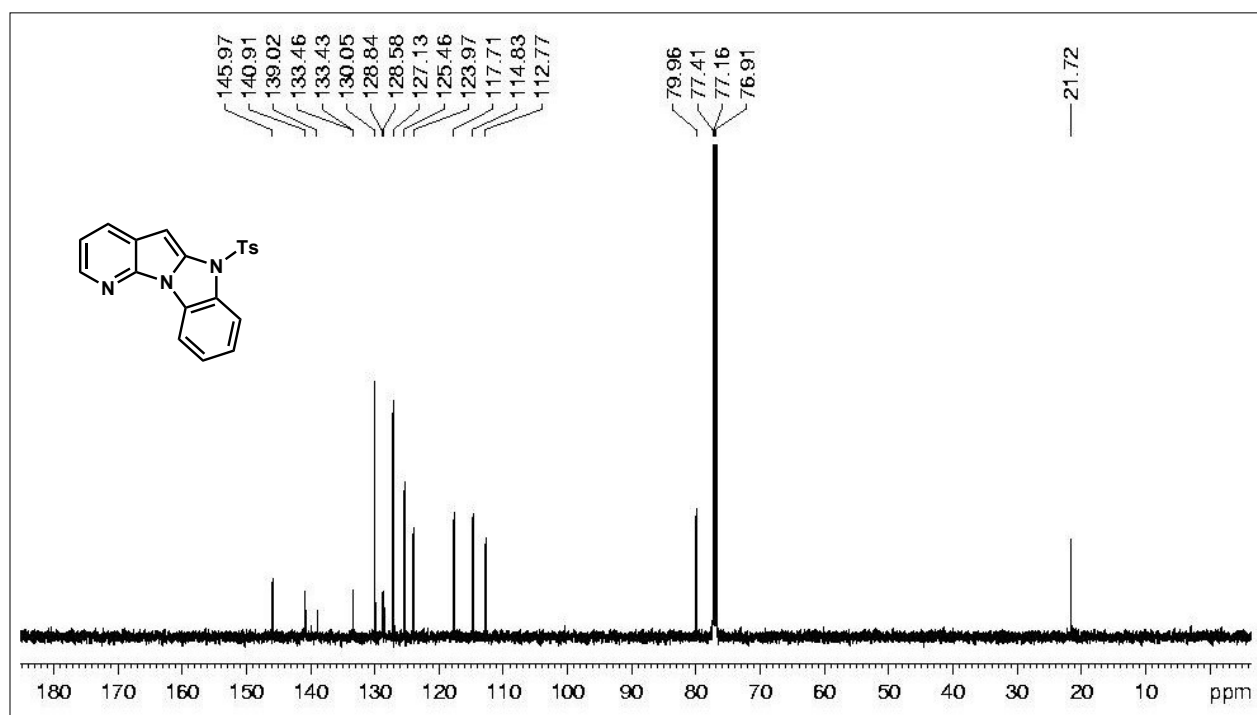


Figure : 100 MHz ¹³C-NMR spectrum of **2f** in CDCl₃

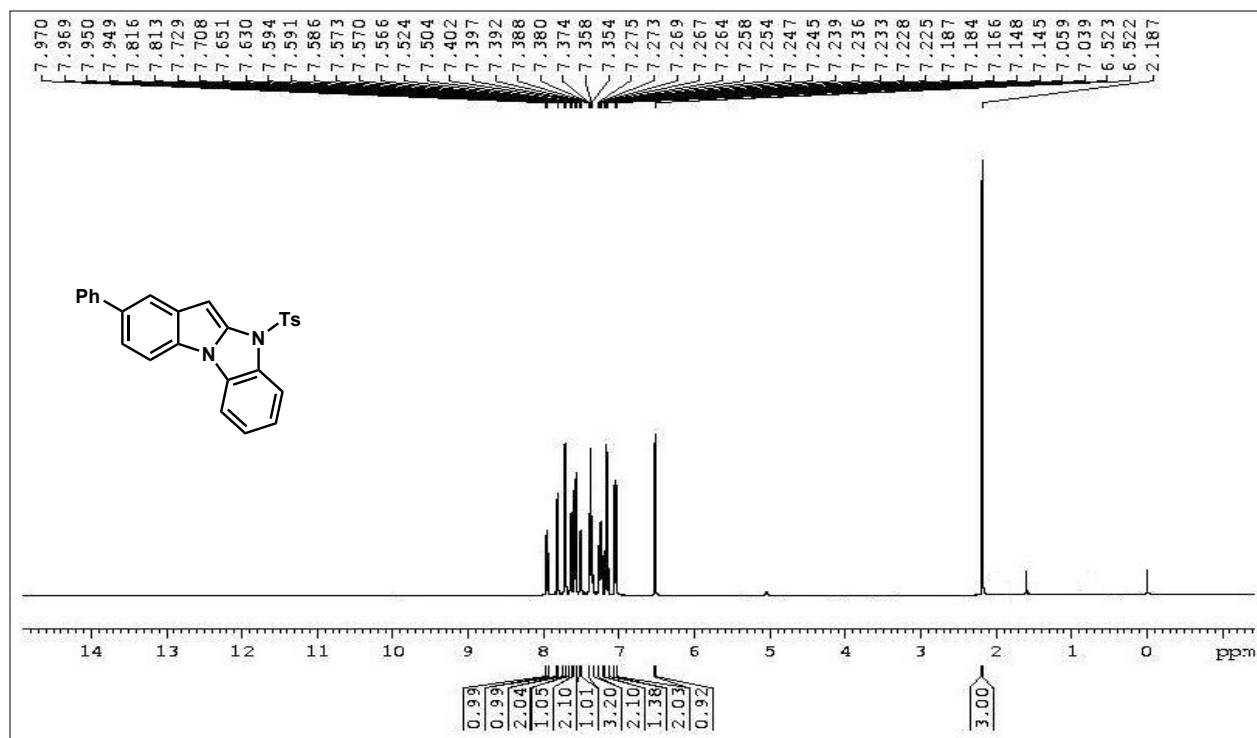


Figure : 400 MHz ¹H-NMR spectrum of **2g** in CDCl₃

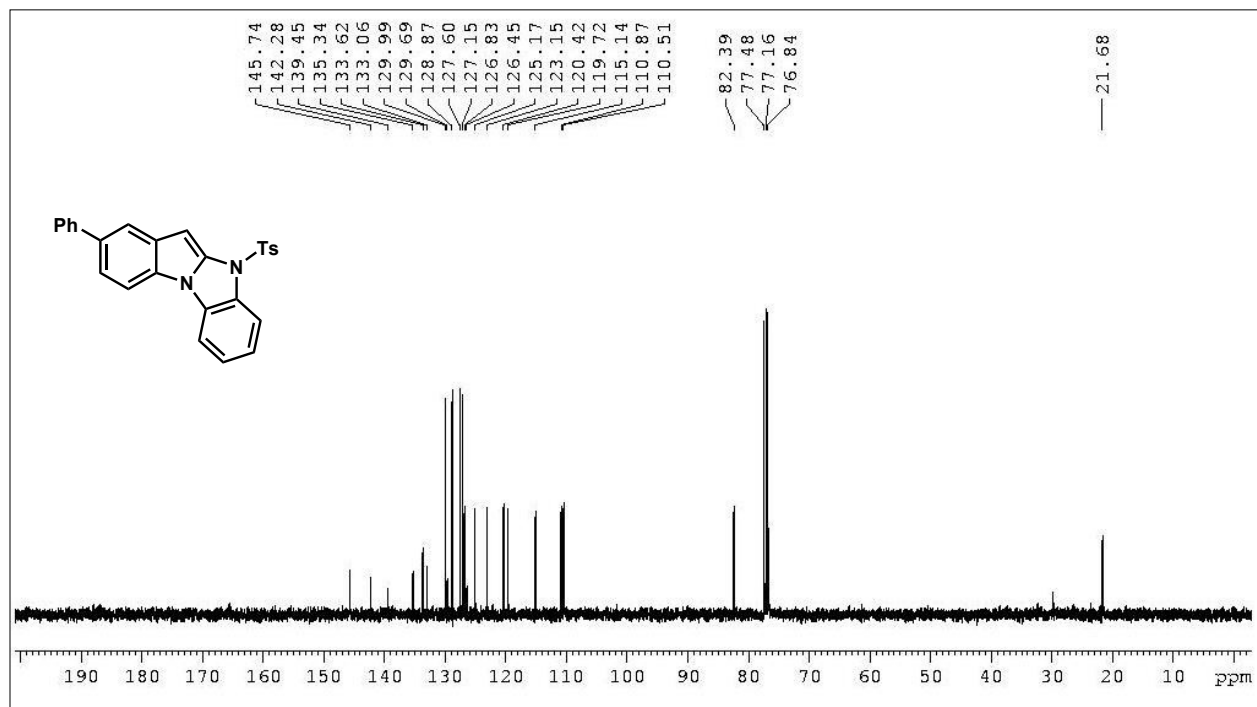


Figure : 100 MHz ¹³C-NMR spectrum of **2g** in CDCl₃

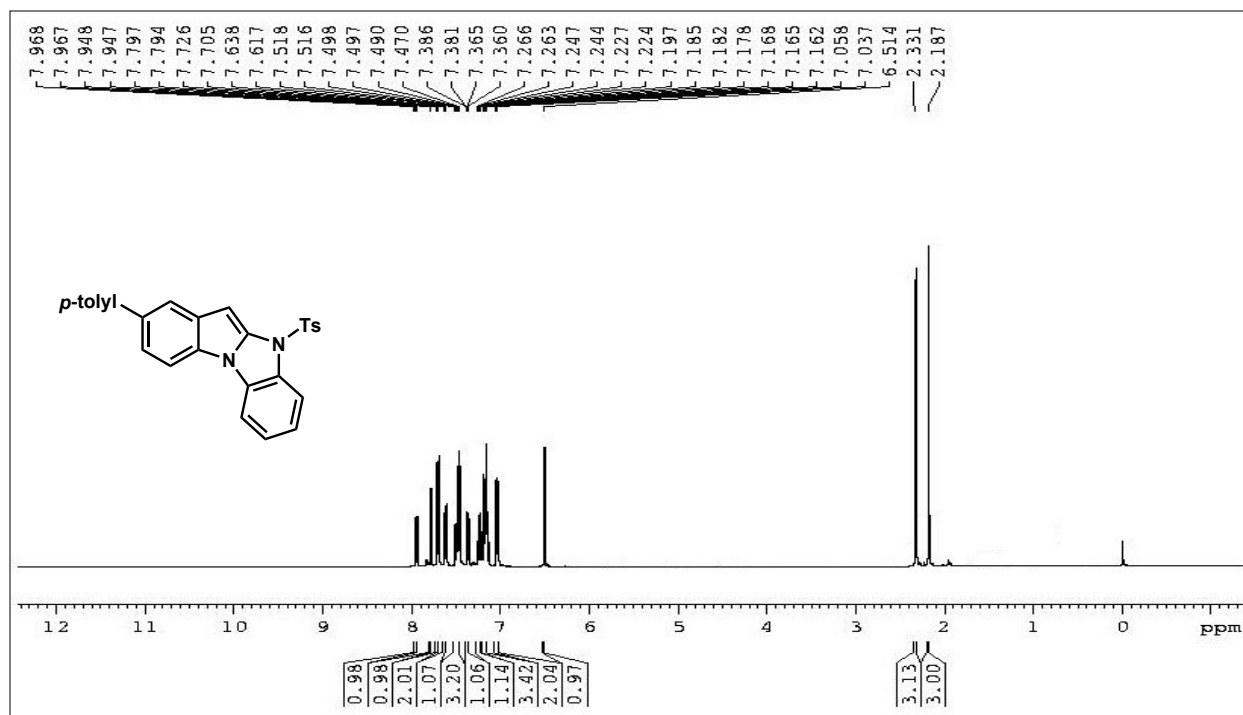


Figure : 400 MHz ¹H-NMR spectrum of **2h** in CDCl₃

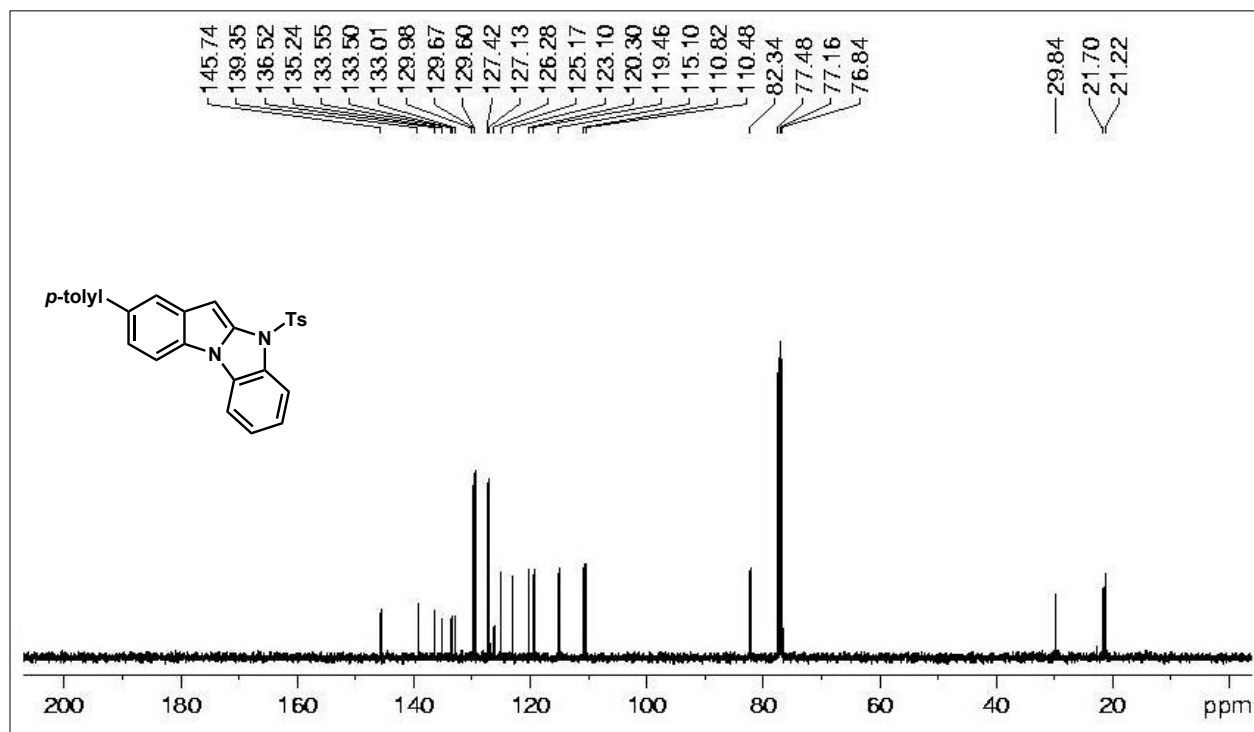


Figure : 100 MHz ¹³C-NMR spectrum of **2h** in CDCl₃

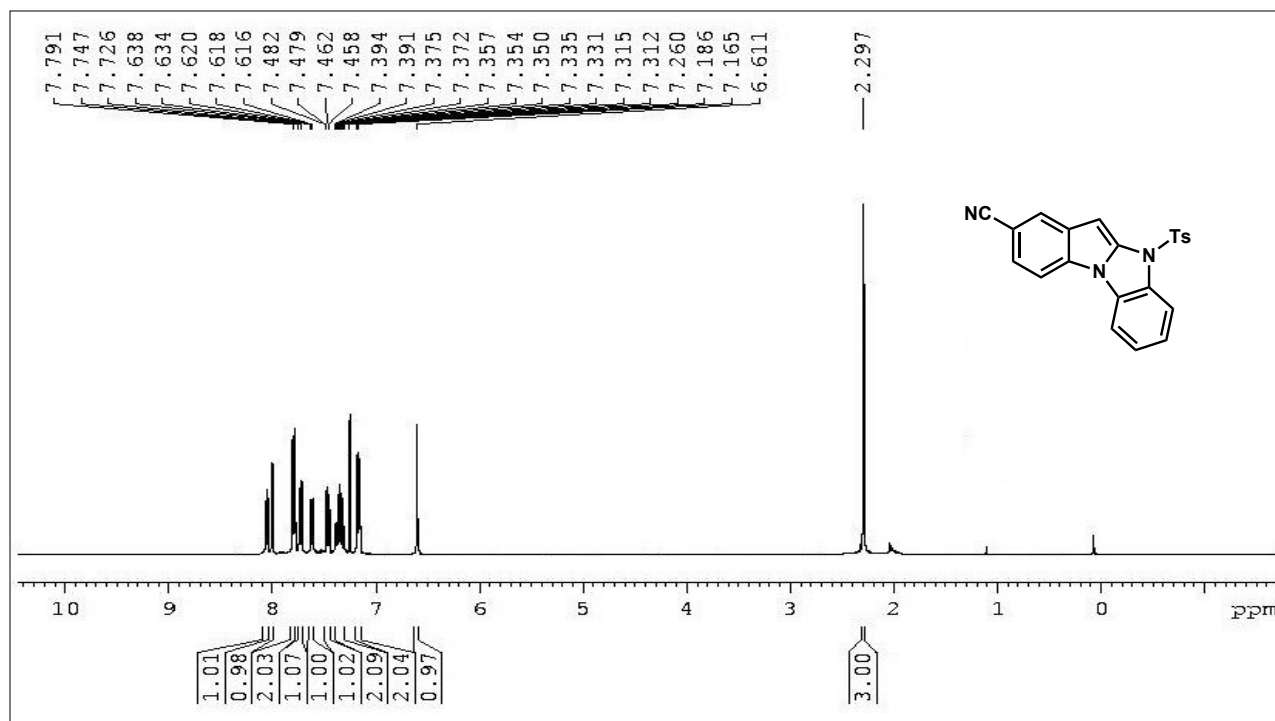


Figure : 400 MHz ¹H-NMR spectrum of **2i** in CDCl₃

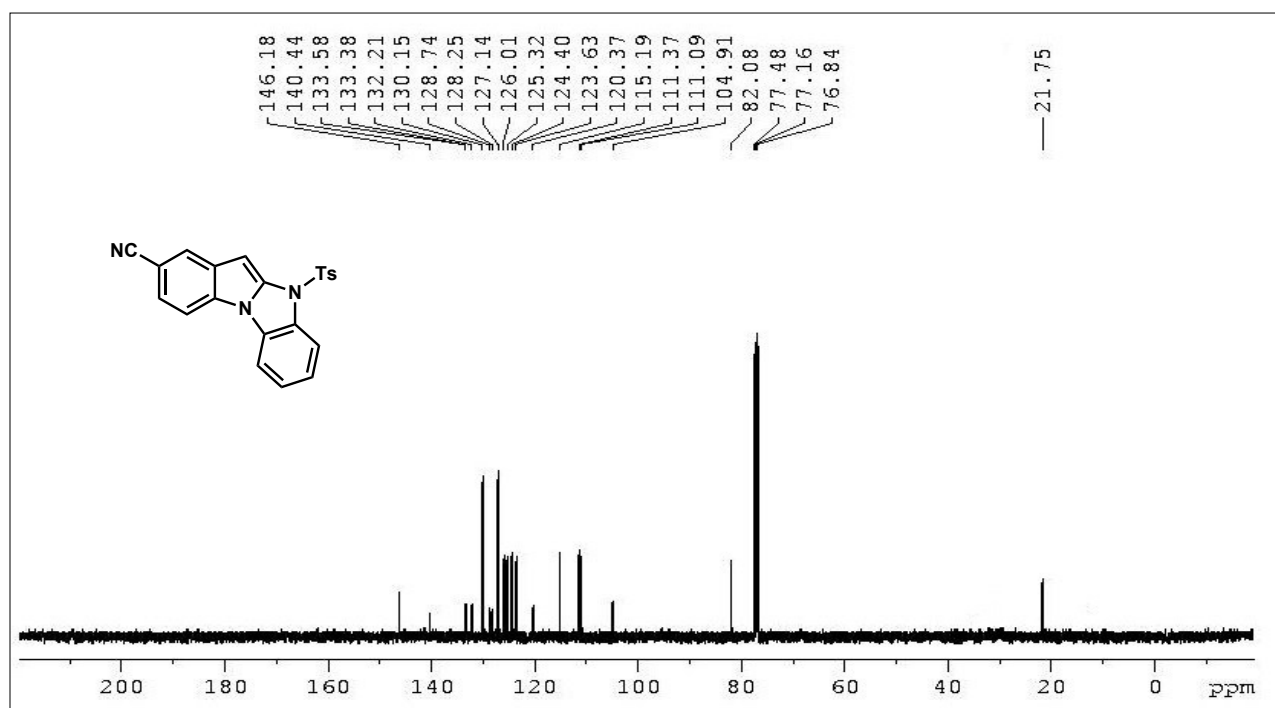


Figure : 400 MHz ¹³C-NMR spectrum of **2i** in CDCl₃

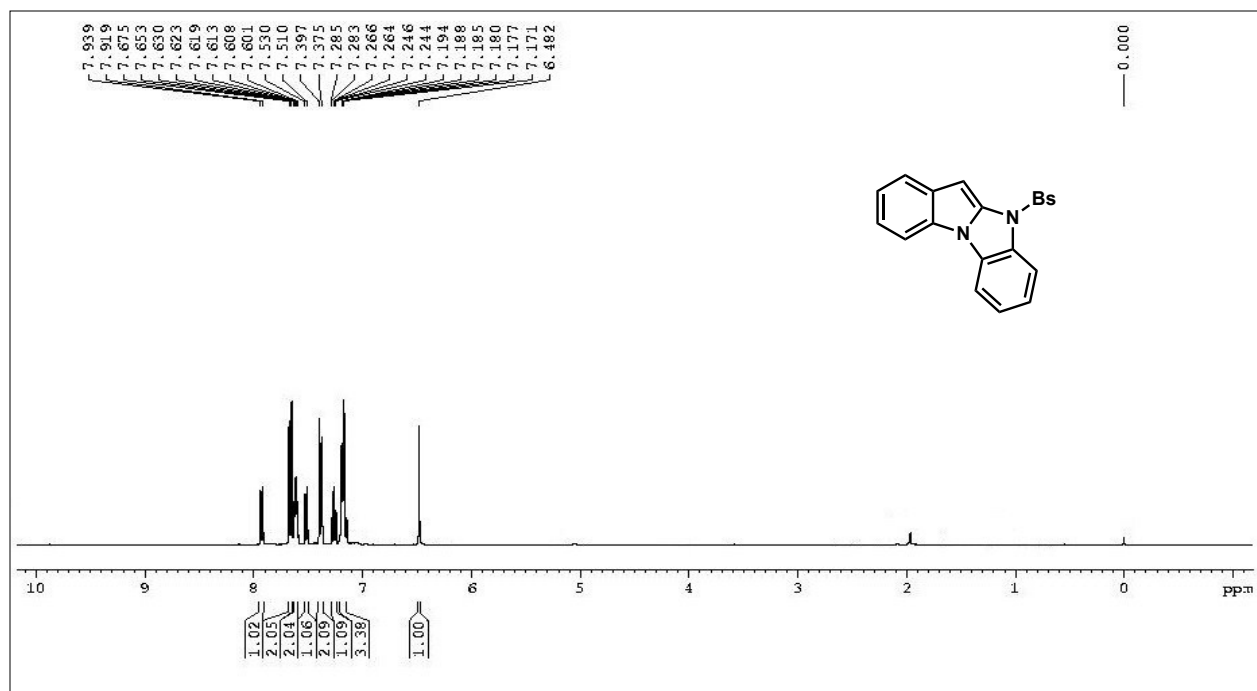


Figure : 400 MHz ¹H-NMR spectrum of **2j** in CDCl₃

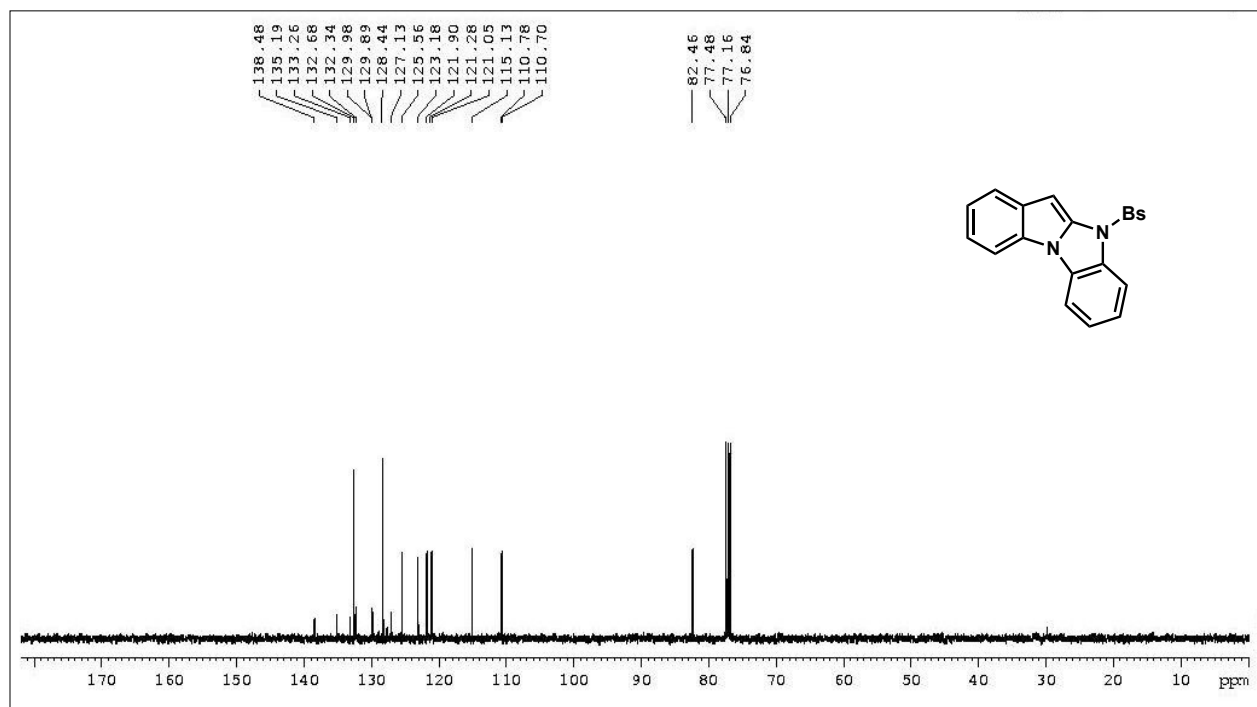


Figure : 100 MHz ¹³C-NMR spectrum of **2j** in CDCl₃