

Supporting Information

“On Water” Palladium Catalyzed Direct Arylation of 1*H*-Indazole and 1*H*-7-Azaindazole

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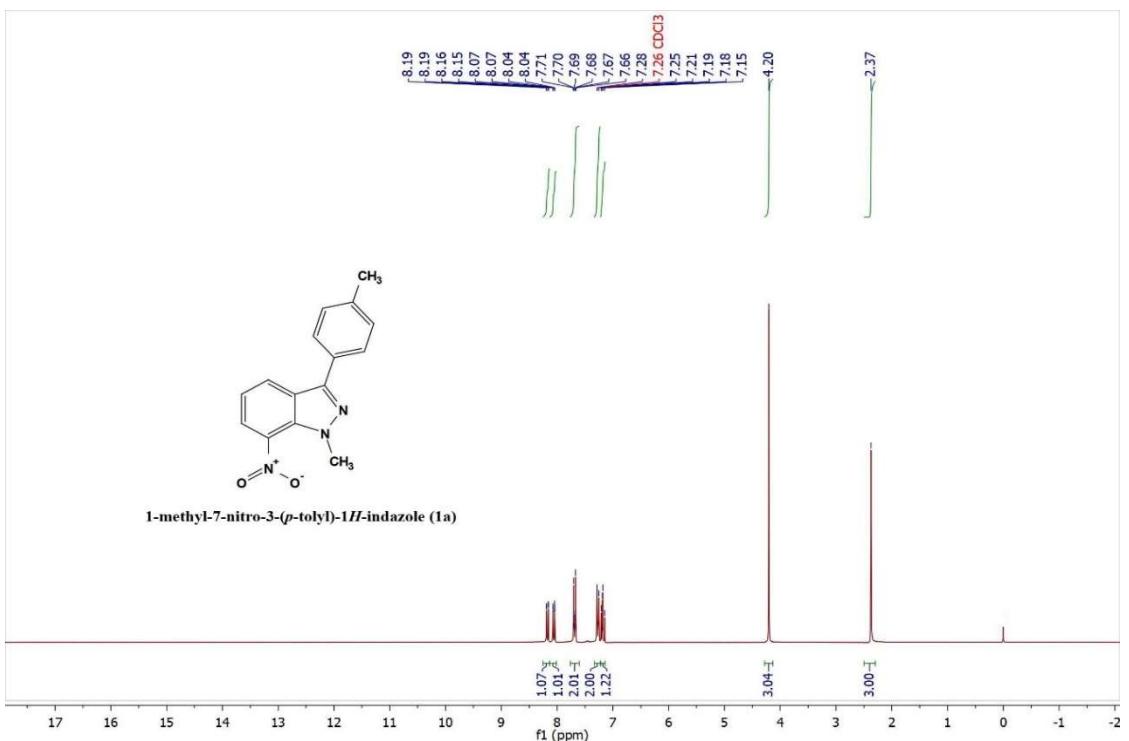


Figure 1 : ^1H NMR spectrum (400 MHz, CDCl₃) of compound 1a

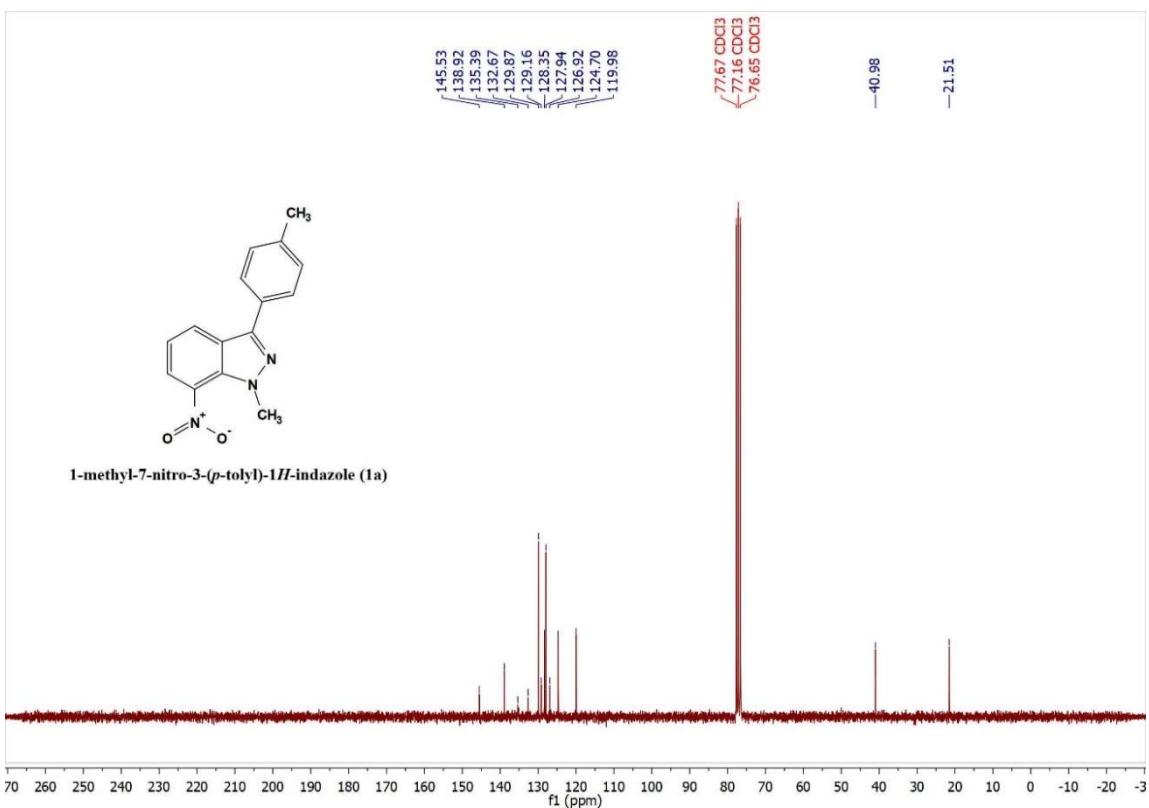


Figure 2 : ^{13}C NMR spectrum (101 MHz, CDCl₃) of compound 1a

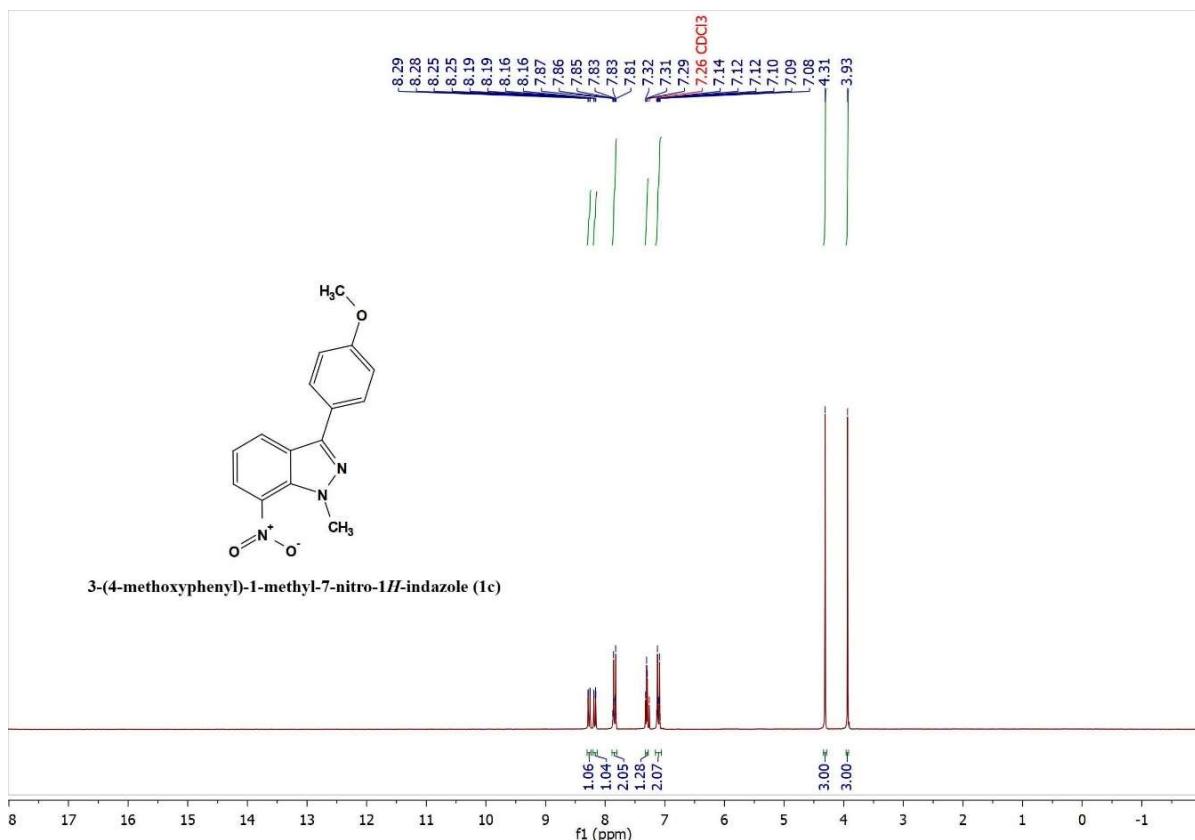


Figure 3 : ^1H NMR spectrum (400 MHz, CDCl_3) of compound 1c

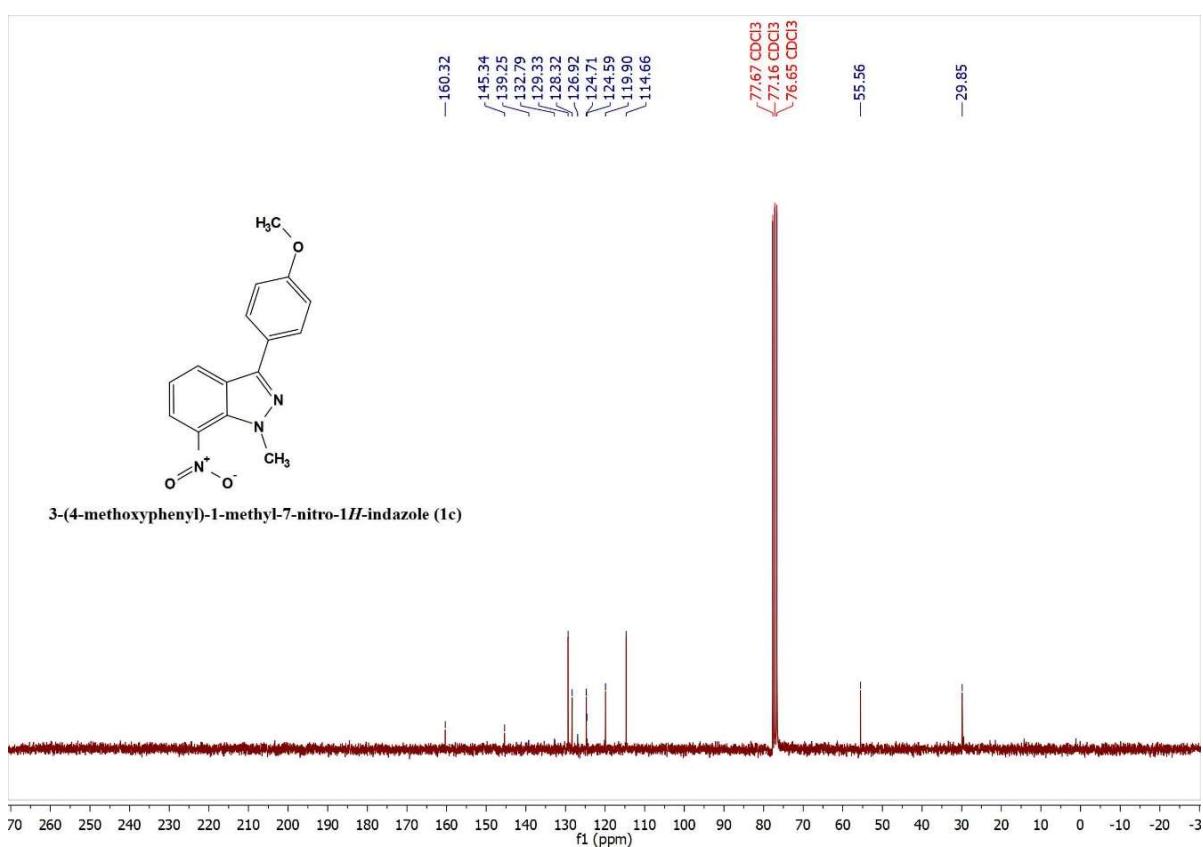


Figure 4 : ^{13}C NMR spectrum (101 MHz, CDCl_3) of compound 1c

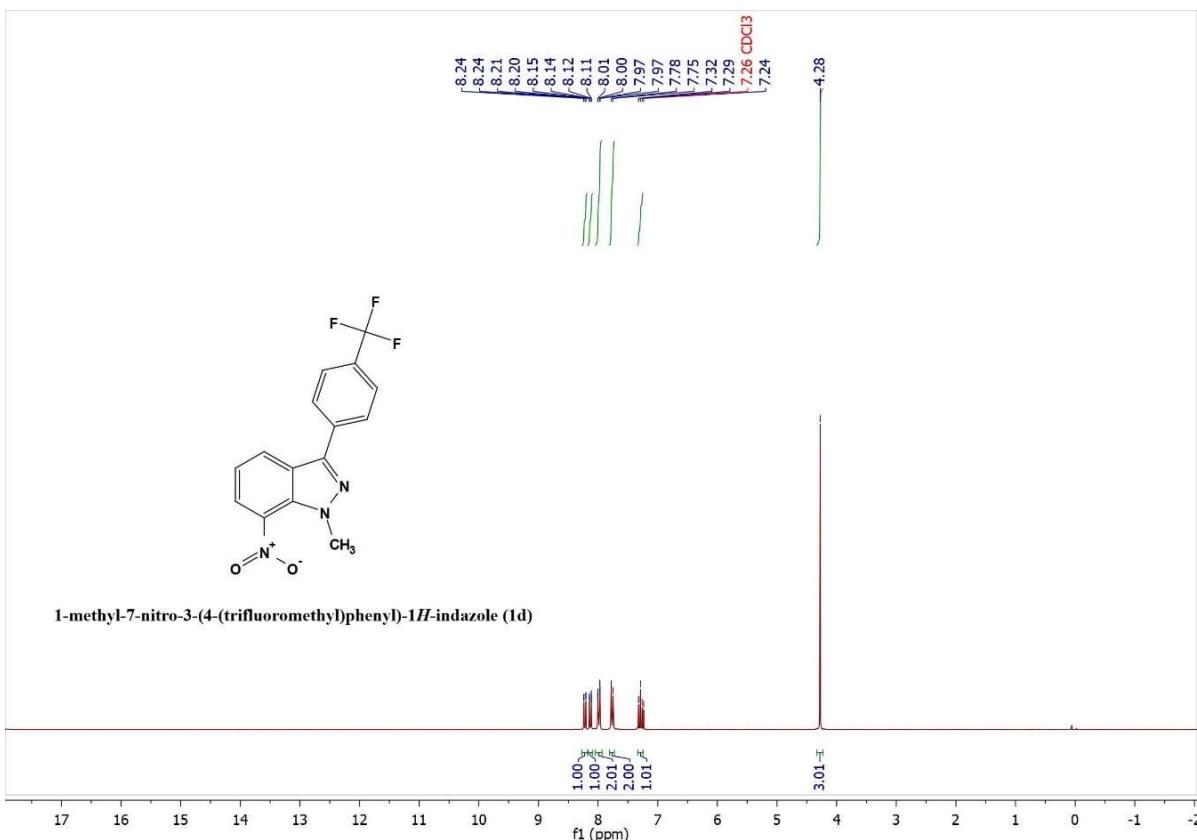


Figure 5 : ^1H NMR spectrum (400 MHz, CDCl_3) of compound 1d

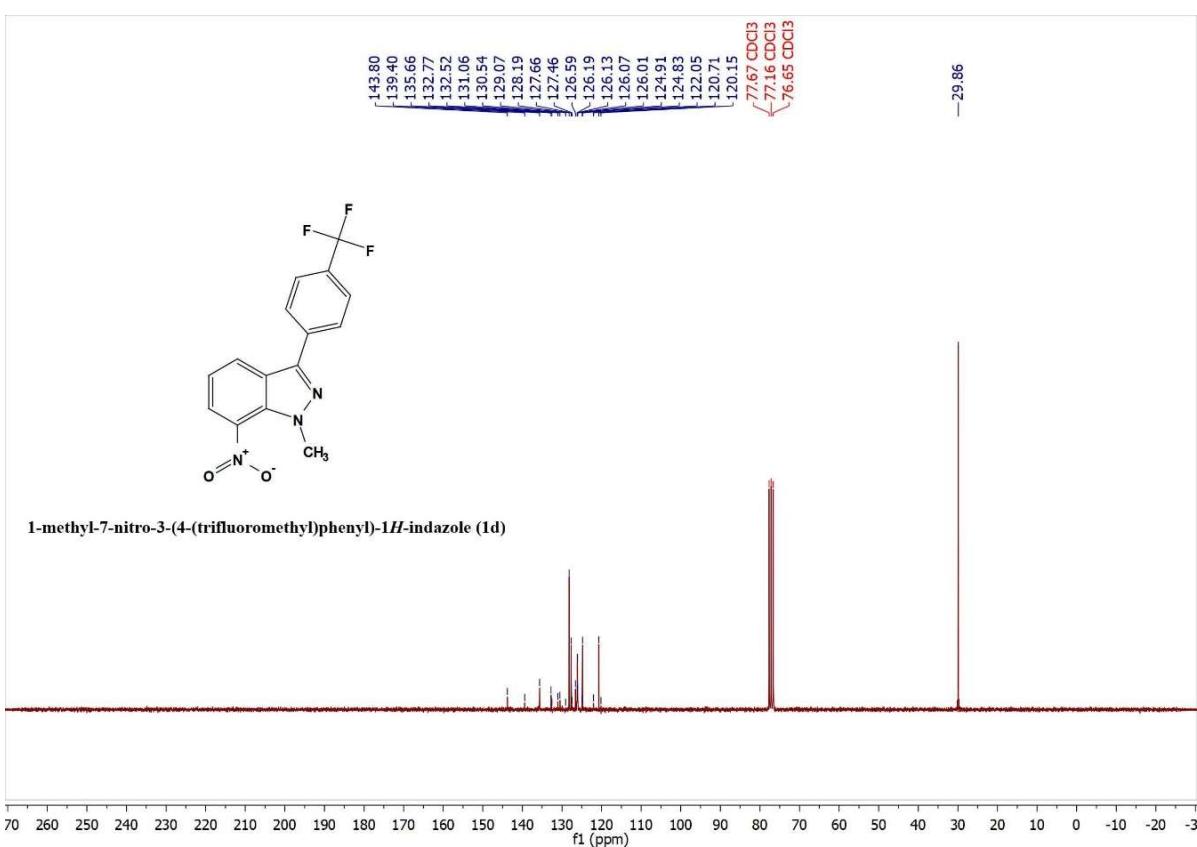


Figure 6 : ^{13}C NMR spectrum (101 MHz, CDCl_3) of compound 1d

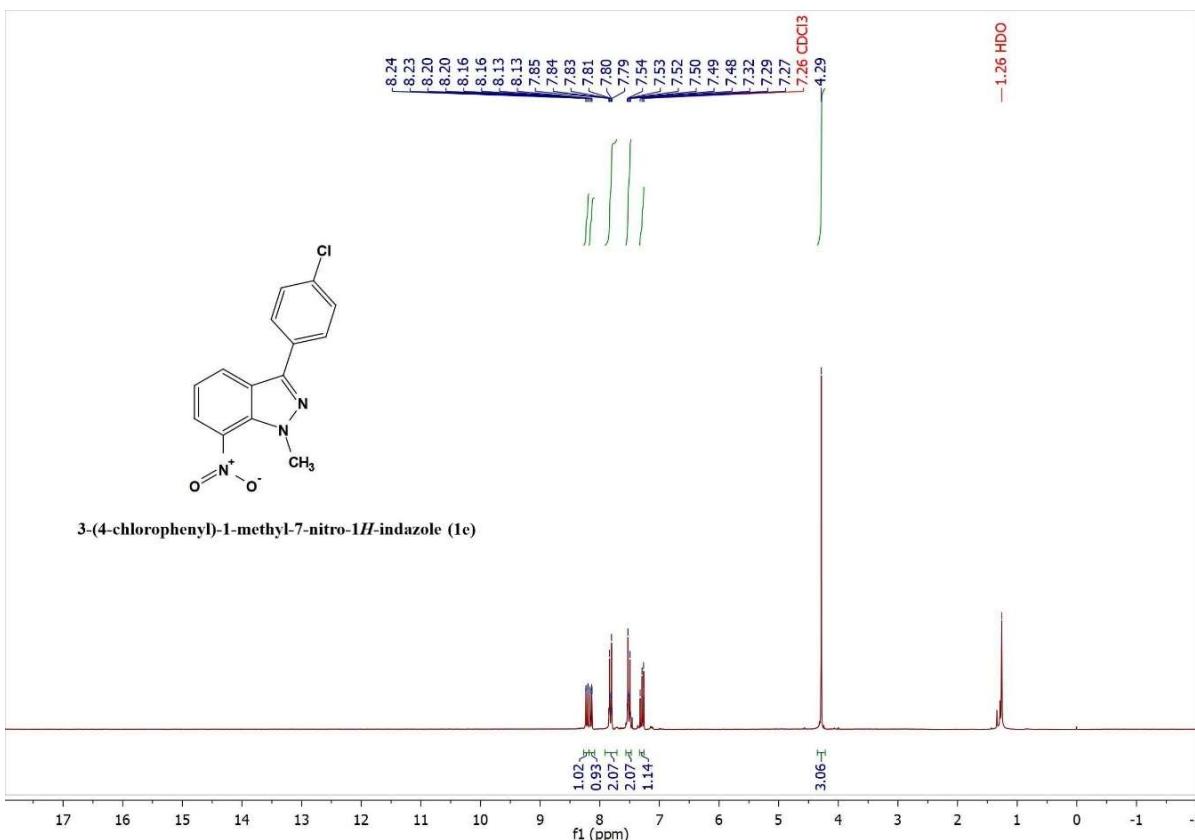


Figure 7 : ^1H NMR spectrum (400 MHz, CDCl_3) of compound 1e

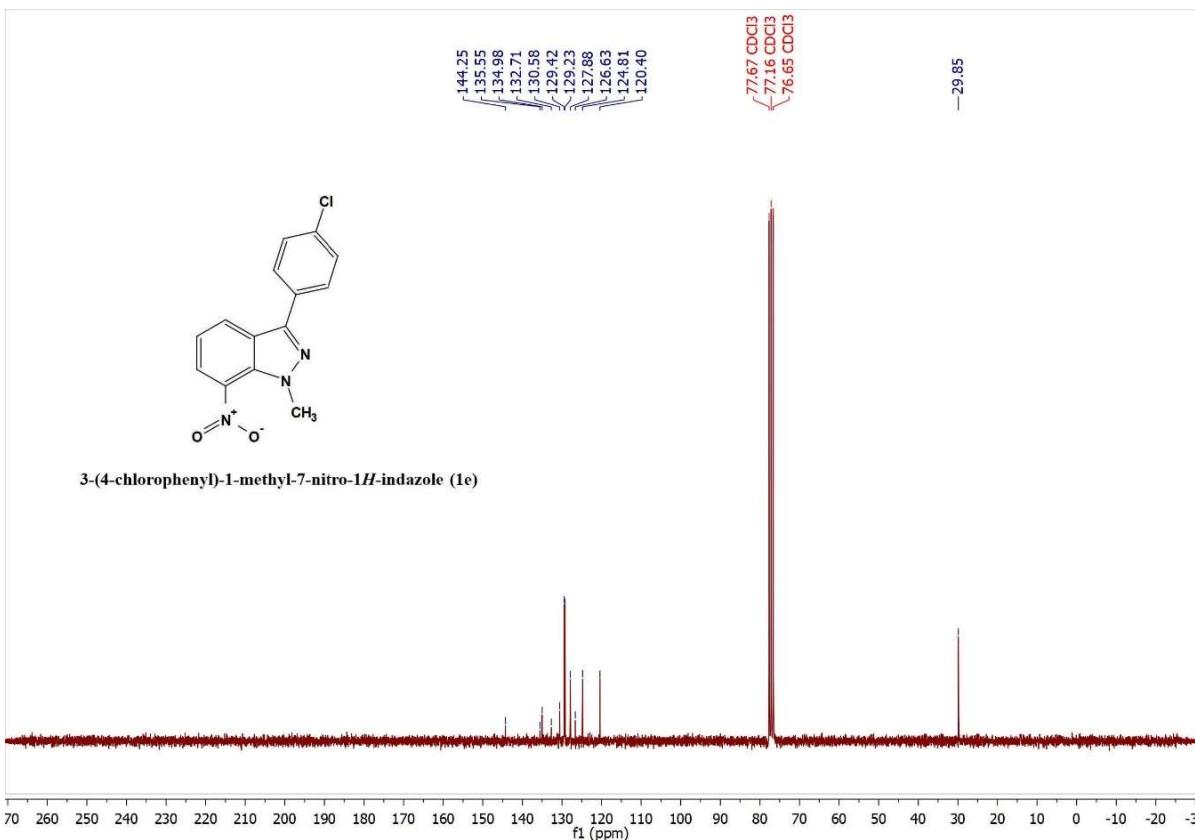


Figure 8 : ^{13}C NMR spectrum (101 MHz, CDCl_3) of compound 1d

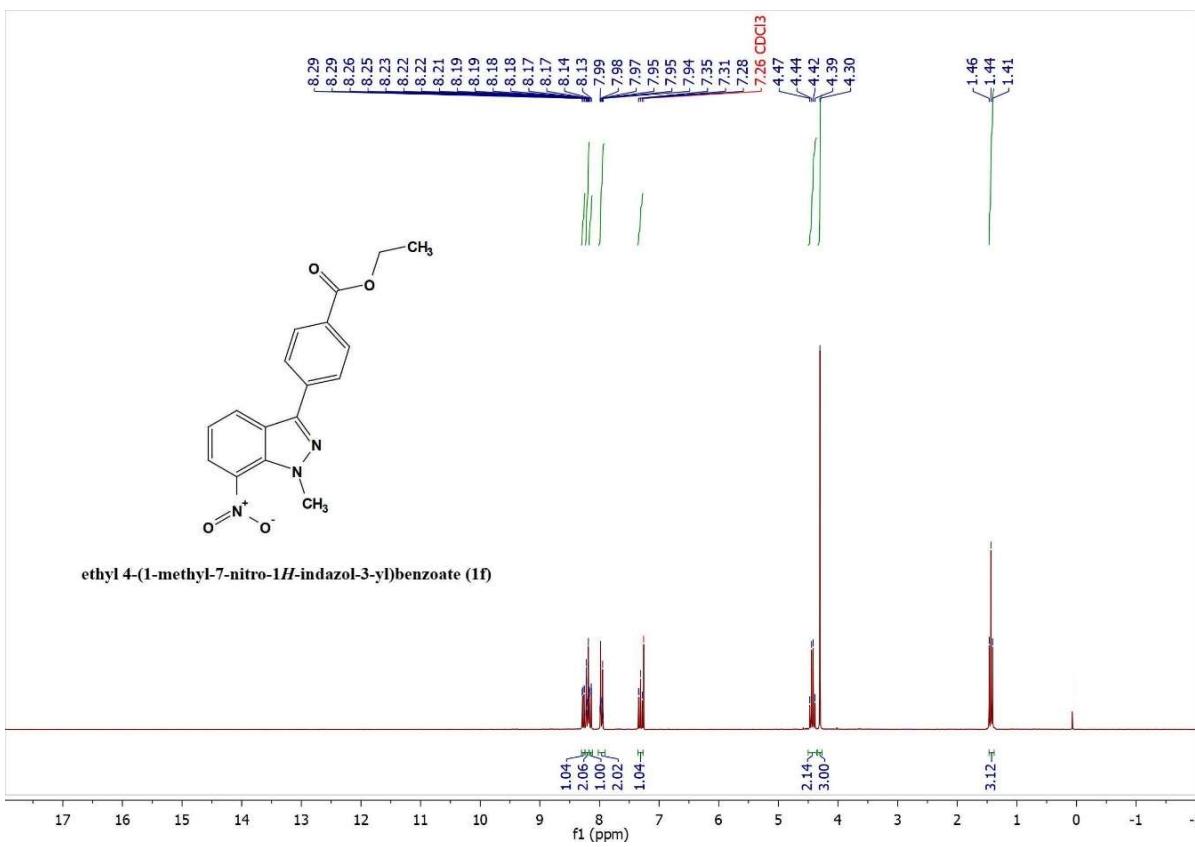


Figure 9 : ^1H NMR spectrum (400 MHz, CDCl_3) of compound **1f**

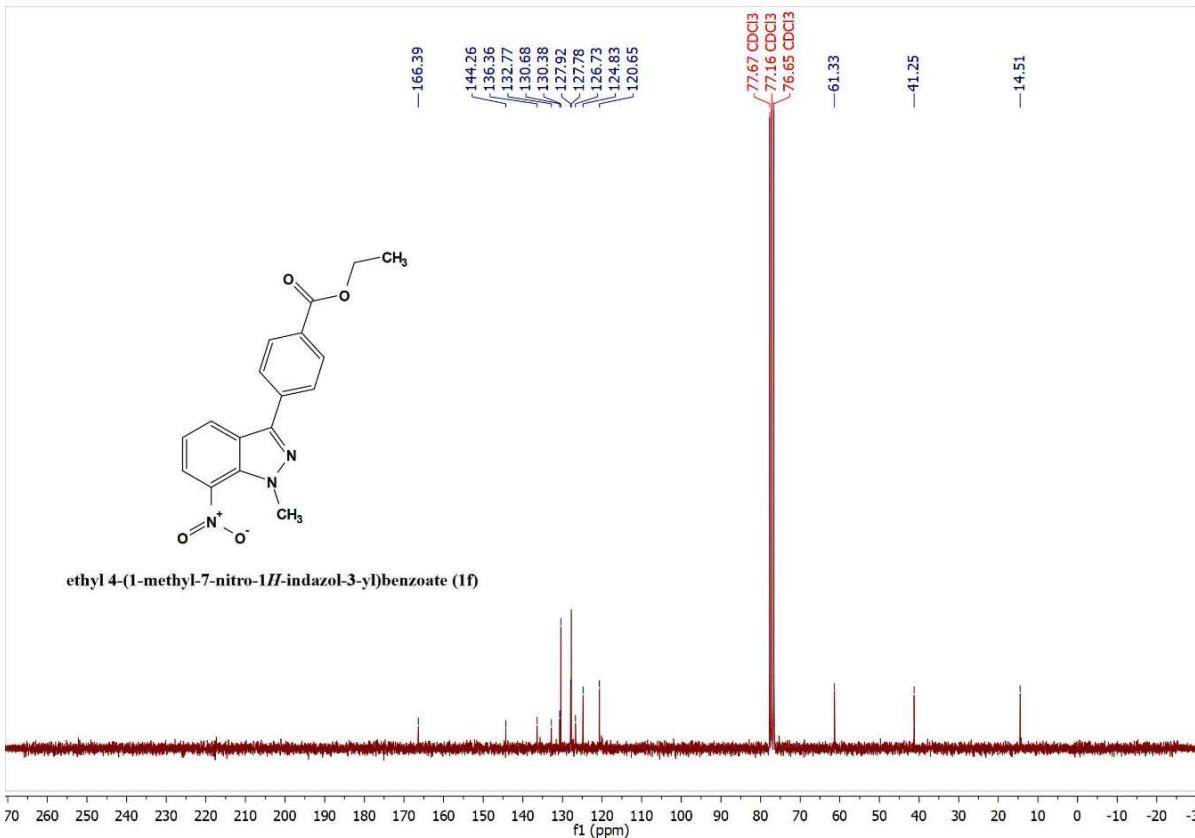


Figure 10 : ^{13}C NMR spectrum (101 MHz, CDCl_3) of compound **1f**

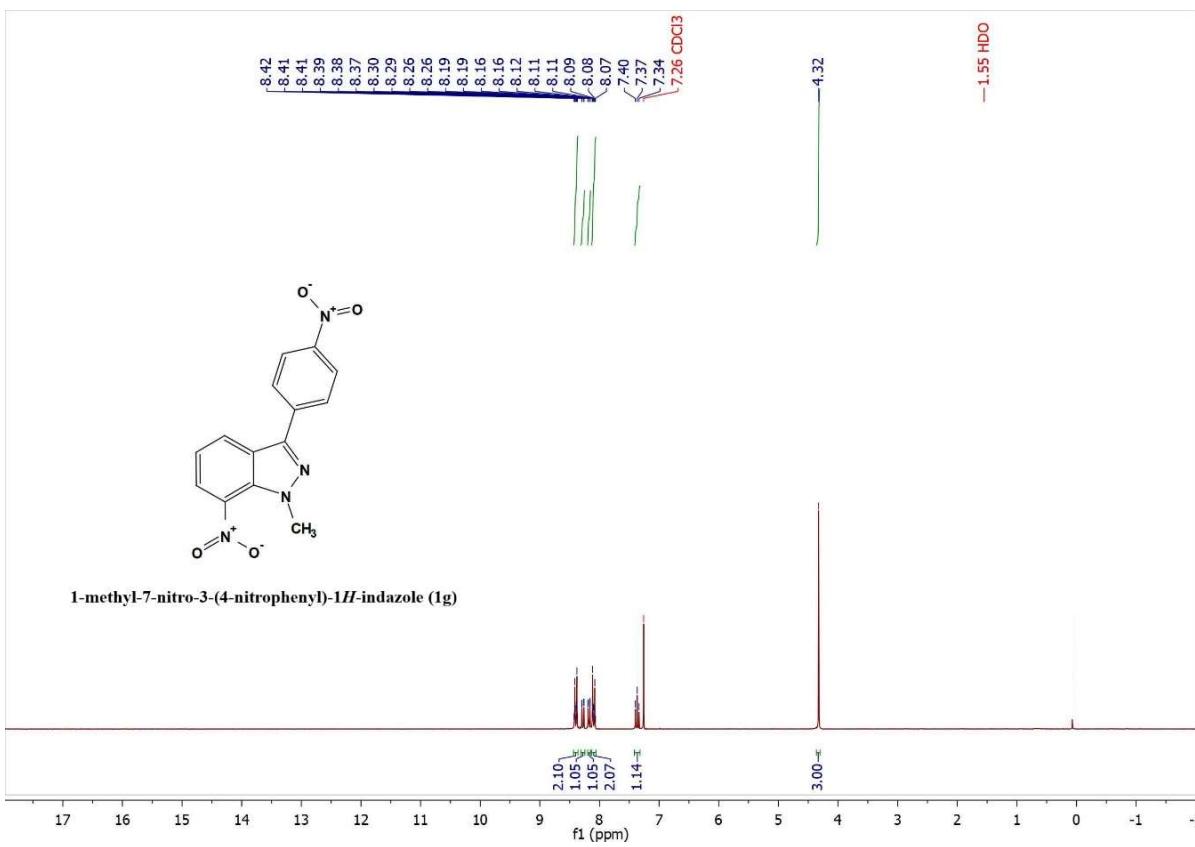


Figure 11 : ¹H NMR spectrum (400 MHz, CDCl₃) of compound 1g

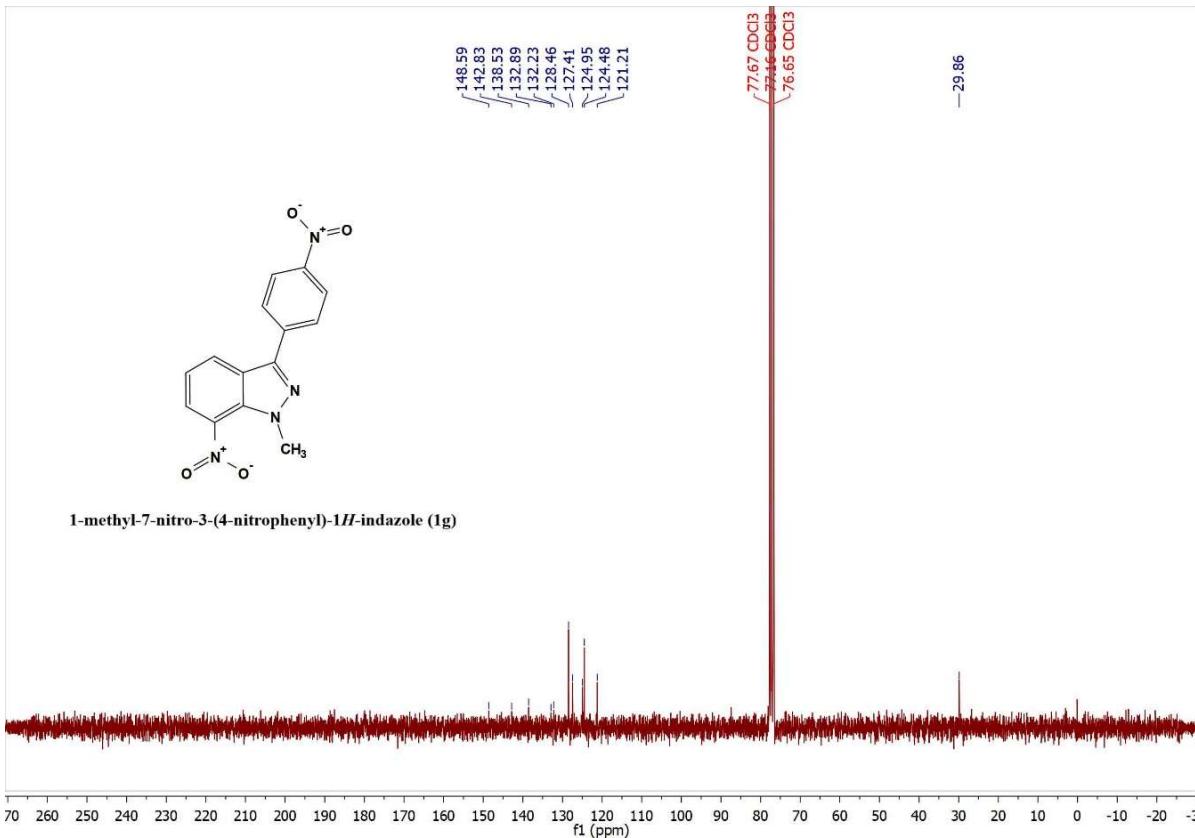


Figure 12 : ¹³C NMR spectrum (101 MHz, CDCl₃) of compound 1g

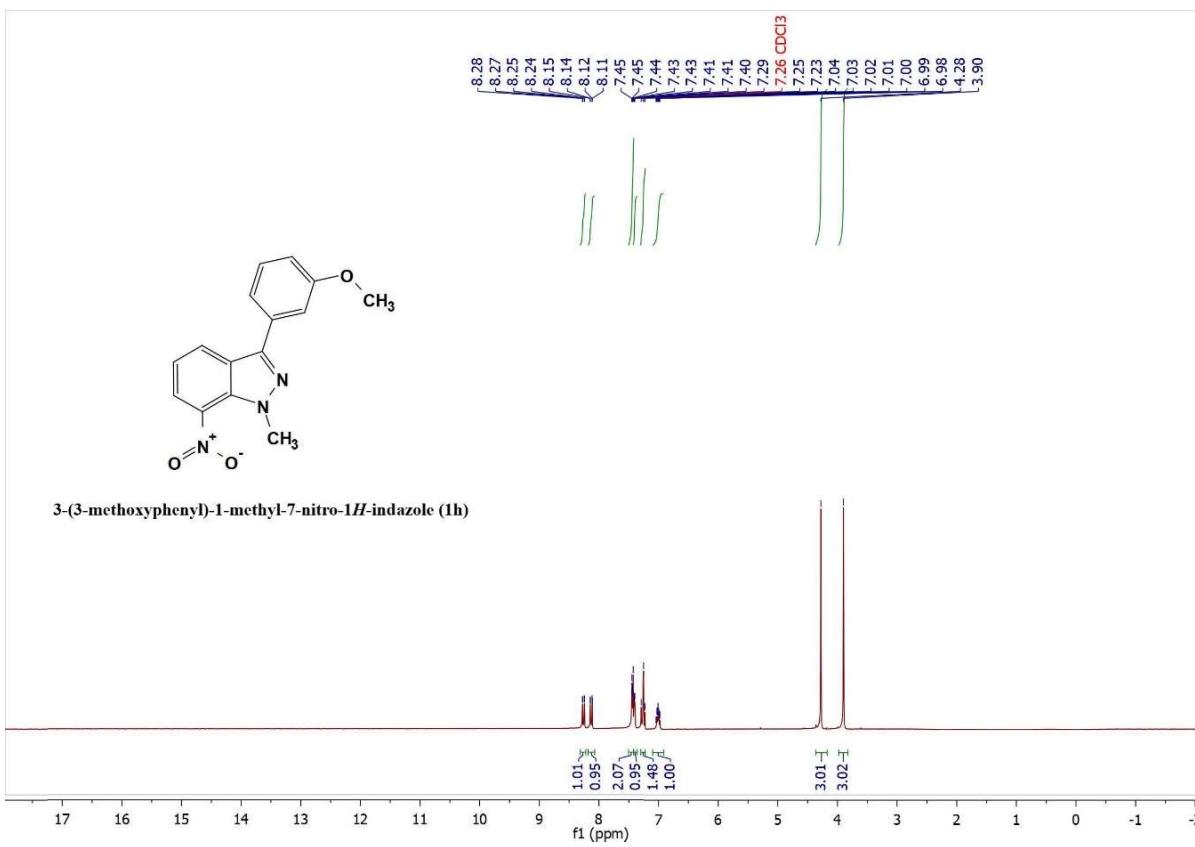


Figure 13 : ^1H NMR spectrum (400 MHz, CDCl_3) of compound 1h

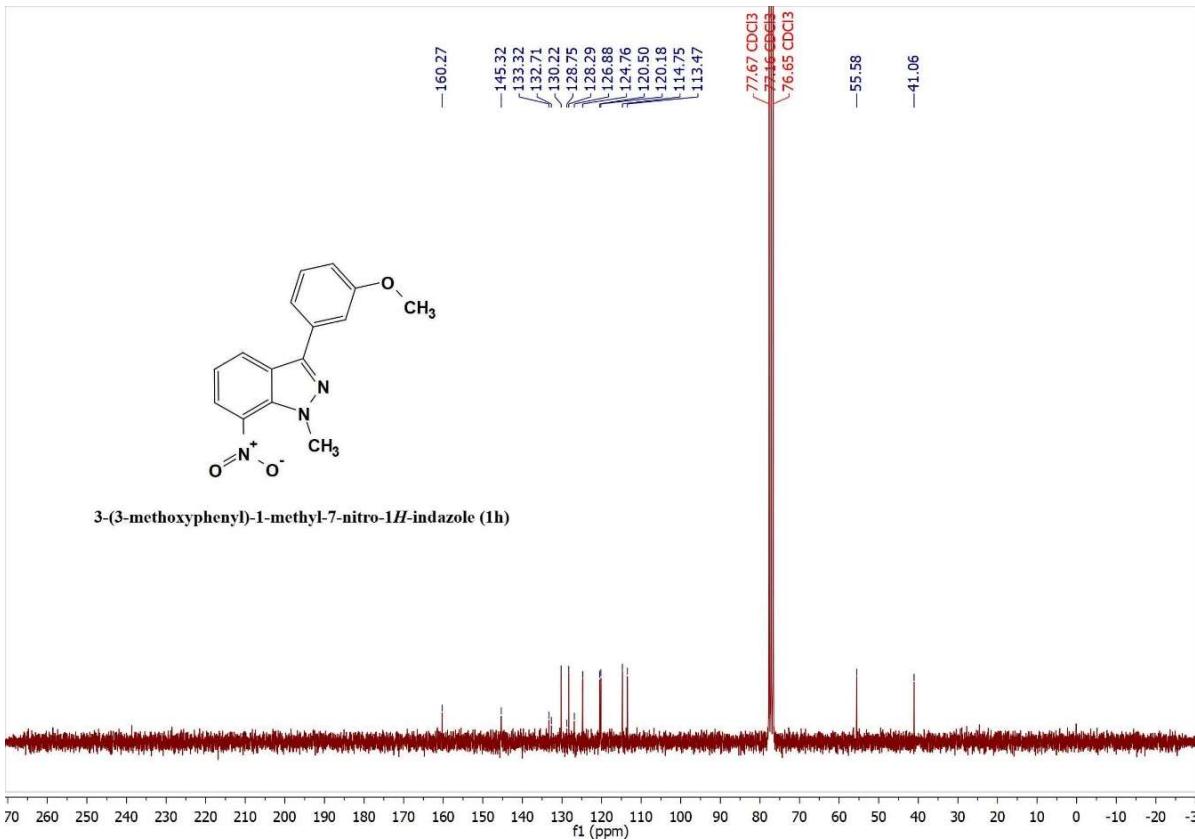


Figure 14 : ^{13}C NMR spectrum (101 MHz, CDCl_3) of compound 1h

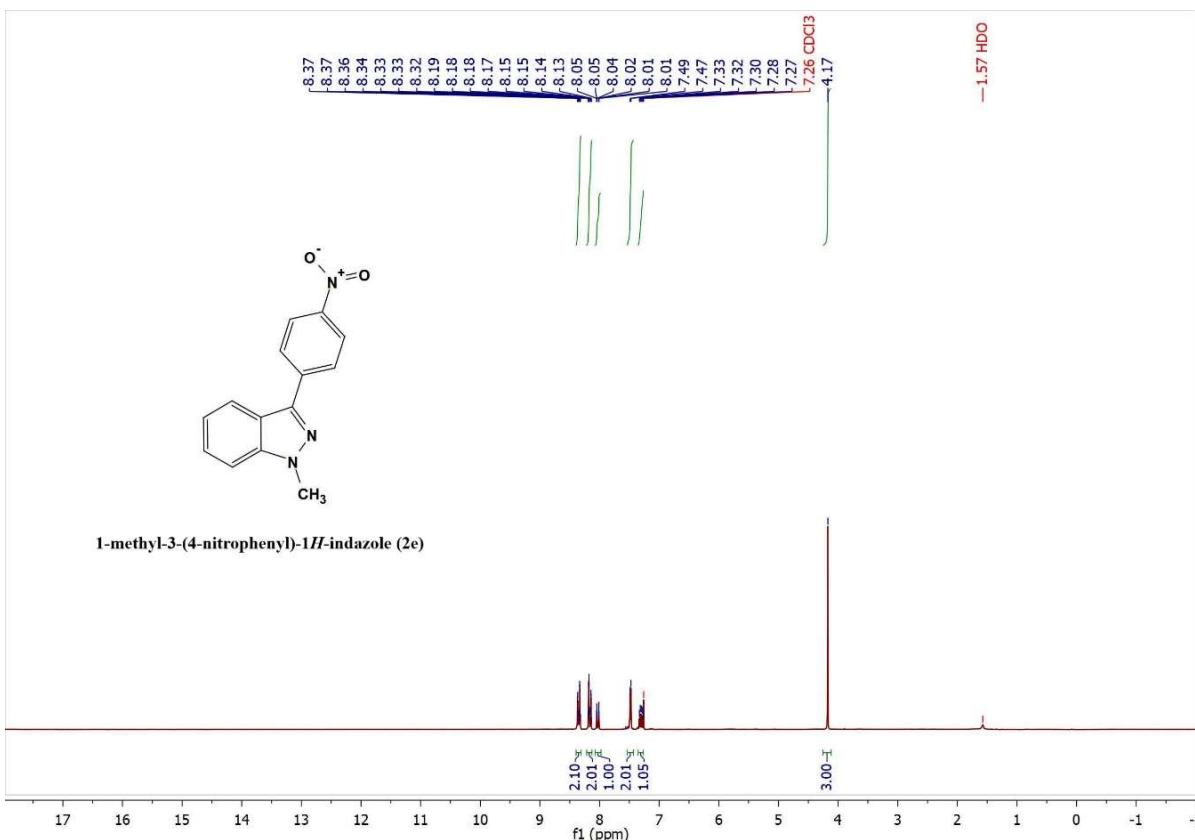


Figure 15 : ^1H NMR spectrum (400 MHz, CDCl_3) of compound 2e

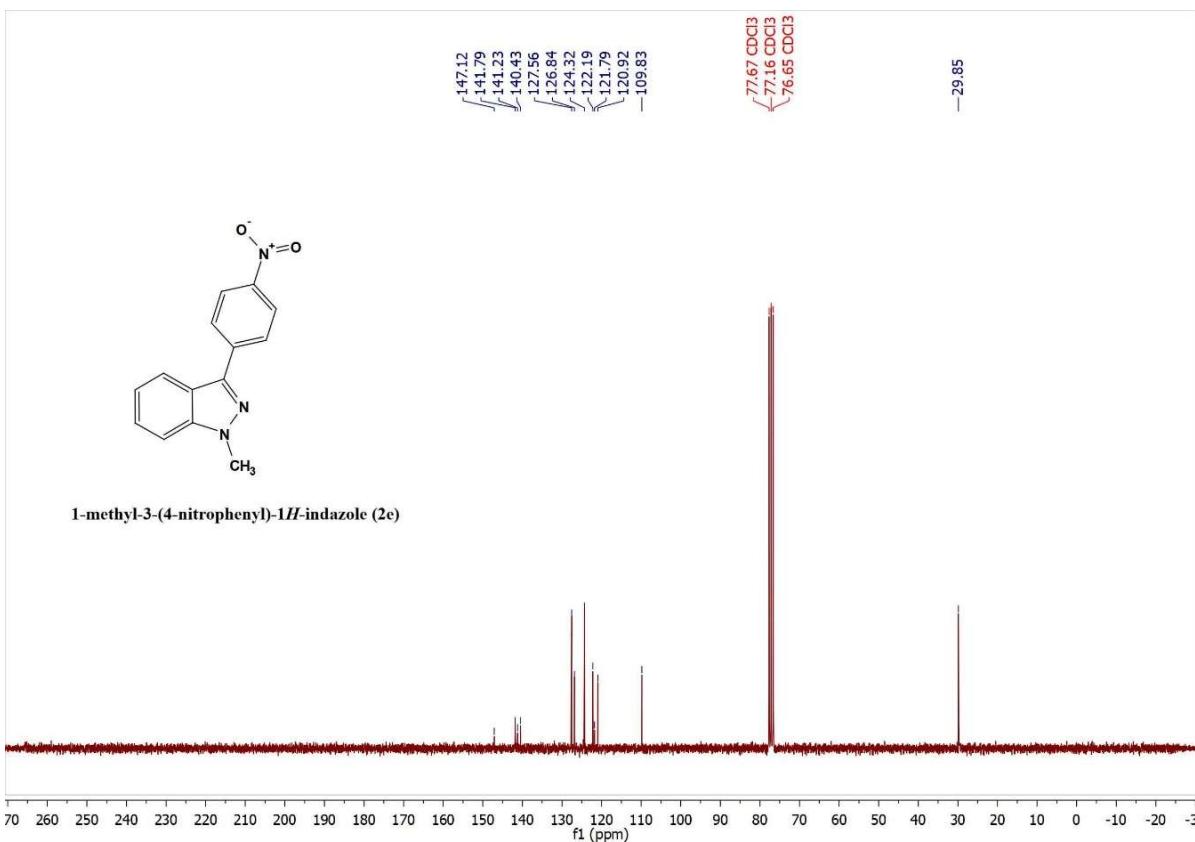


Figure 16 : ^{13}C NMR spectrum (101 MHz, CDCl_3) of compound 2e

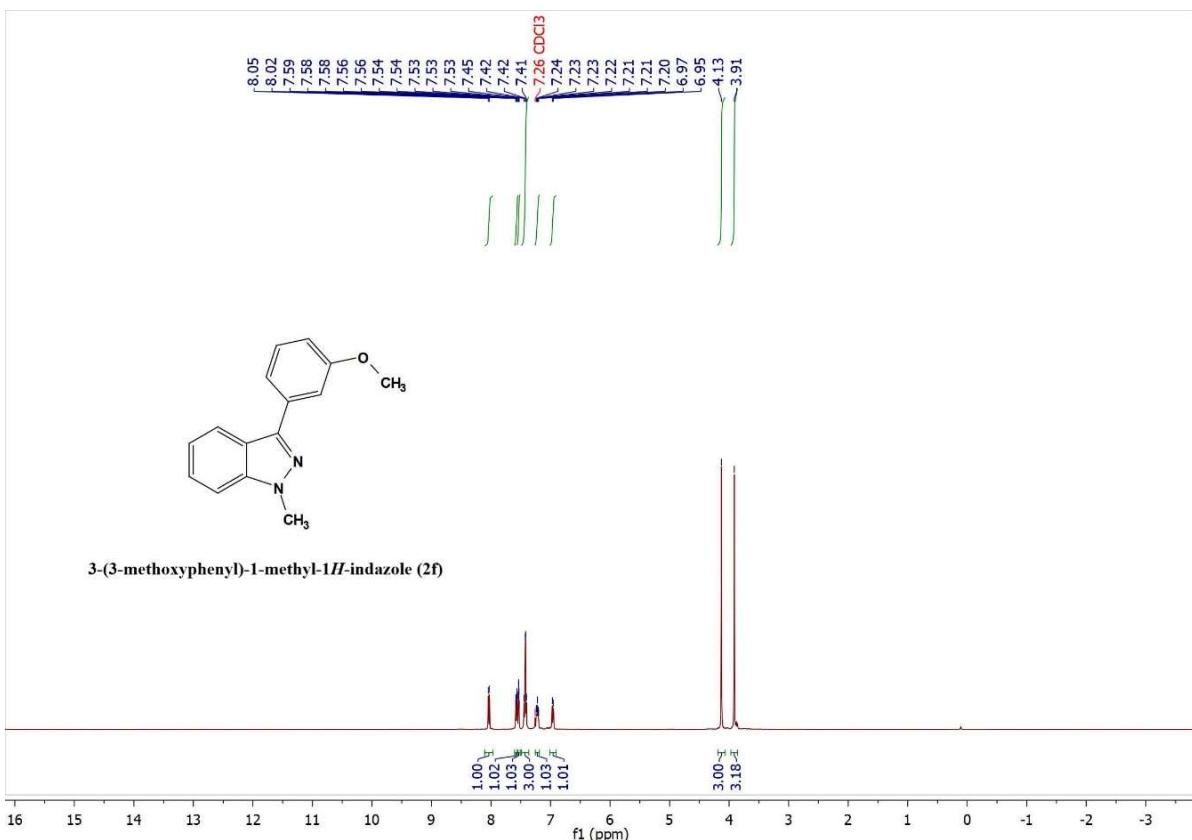


Figure 17 : ^1H NMR spectrum (400 MHz, CDCl_3) of compound 2f

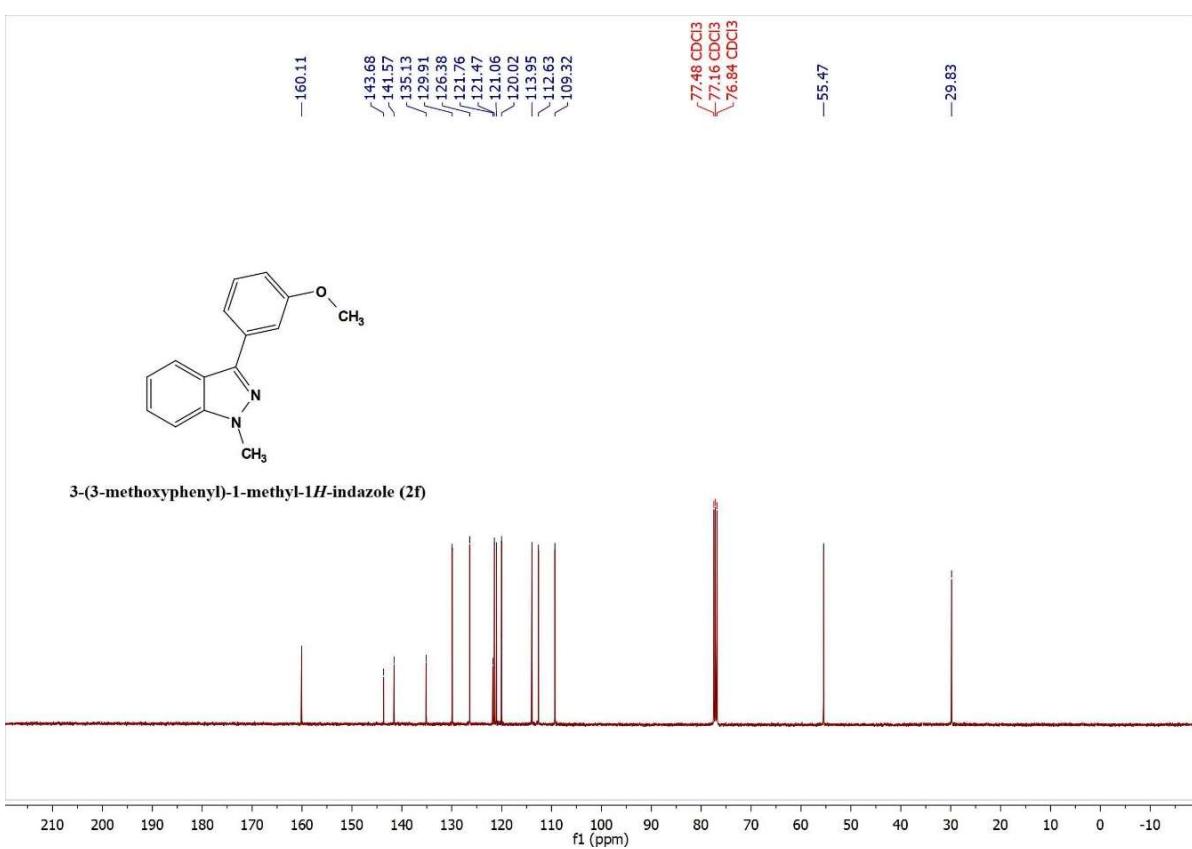


Figure 18 : ^{13}C NMR spectrum (101 MHz, CDCl_3) of compound 2f

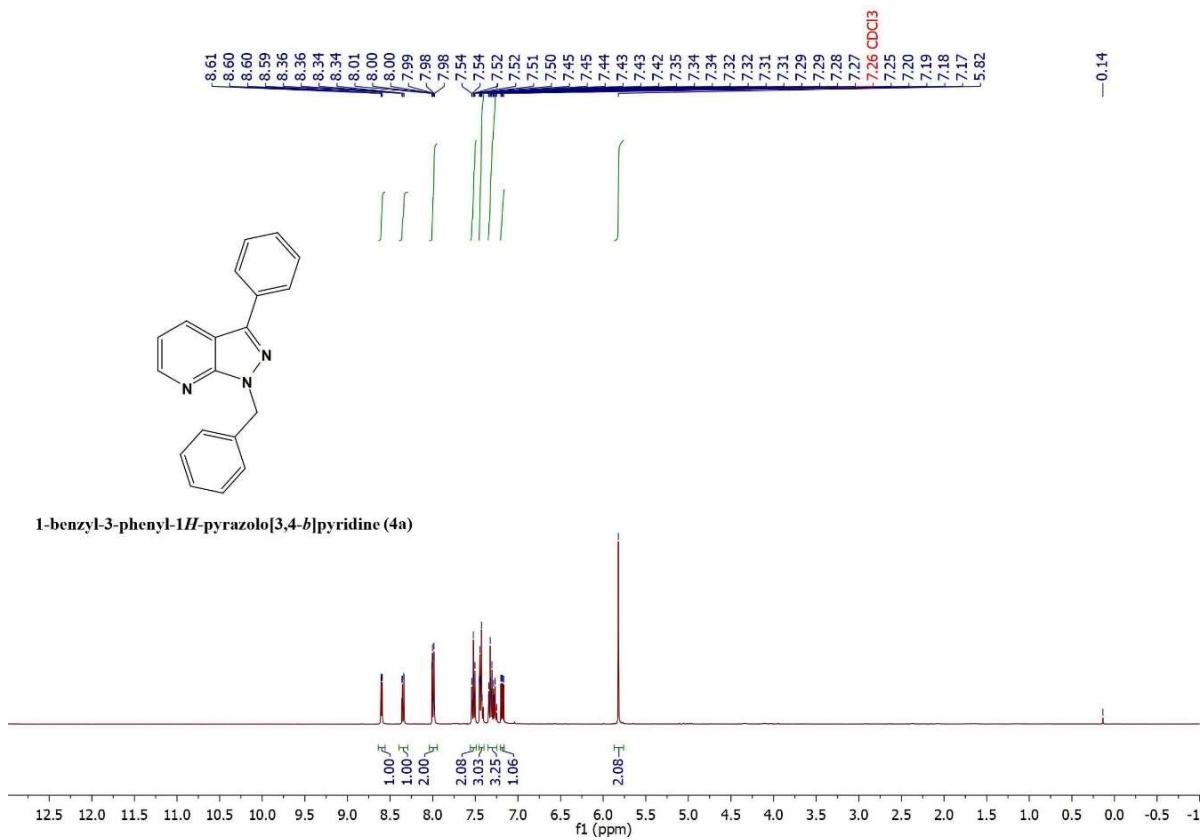


Figure 19 : ¹H NMR spectrum (400 MHz, CDCl₃) of compound 4a

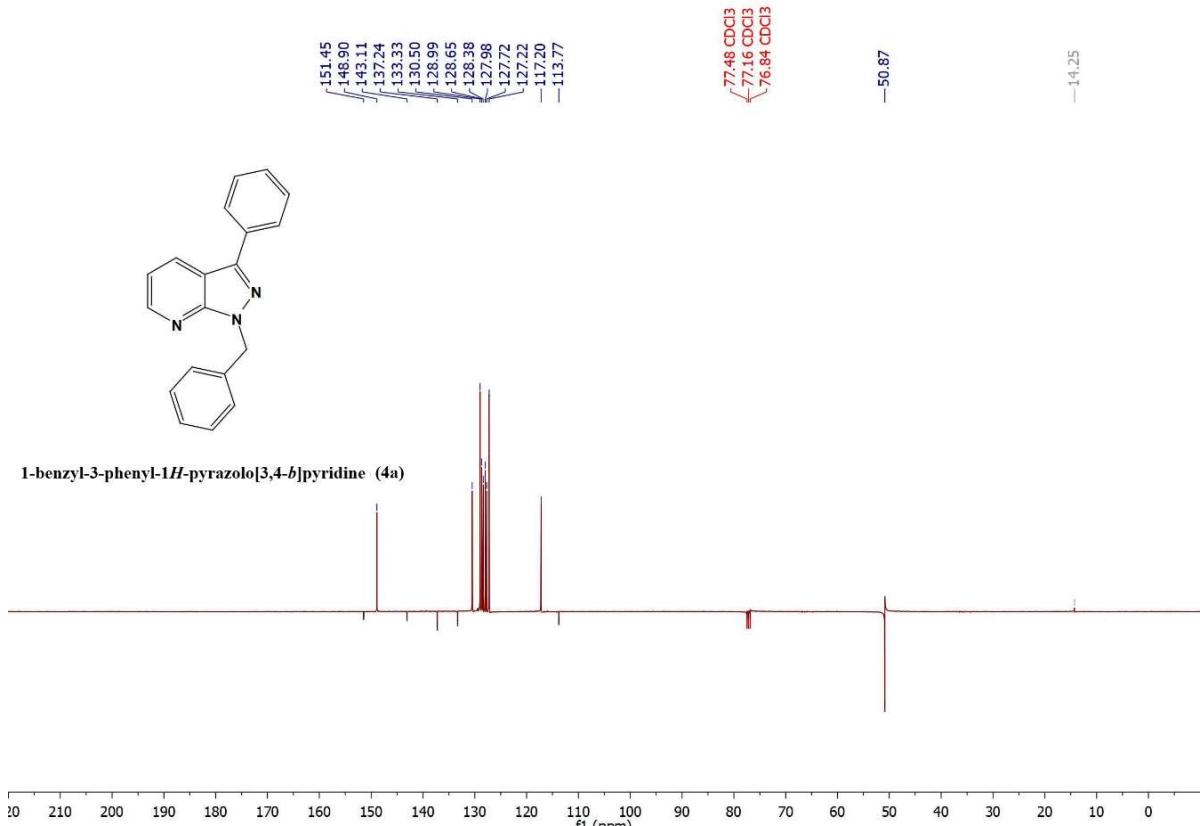


Figure 20 : ¹³C Jmod NMR spectrum (101 MHz, CDCl₃) of compound 4a

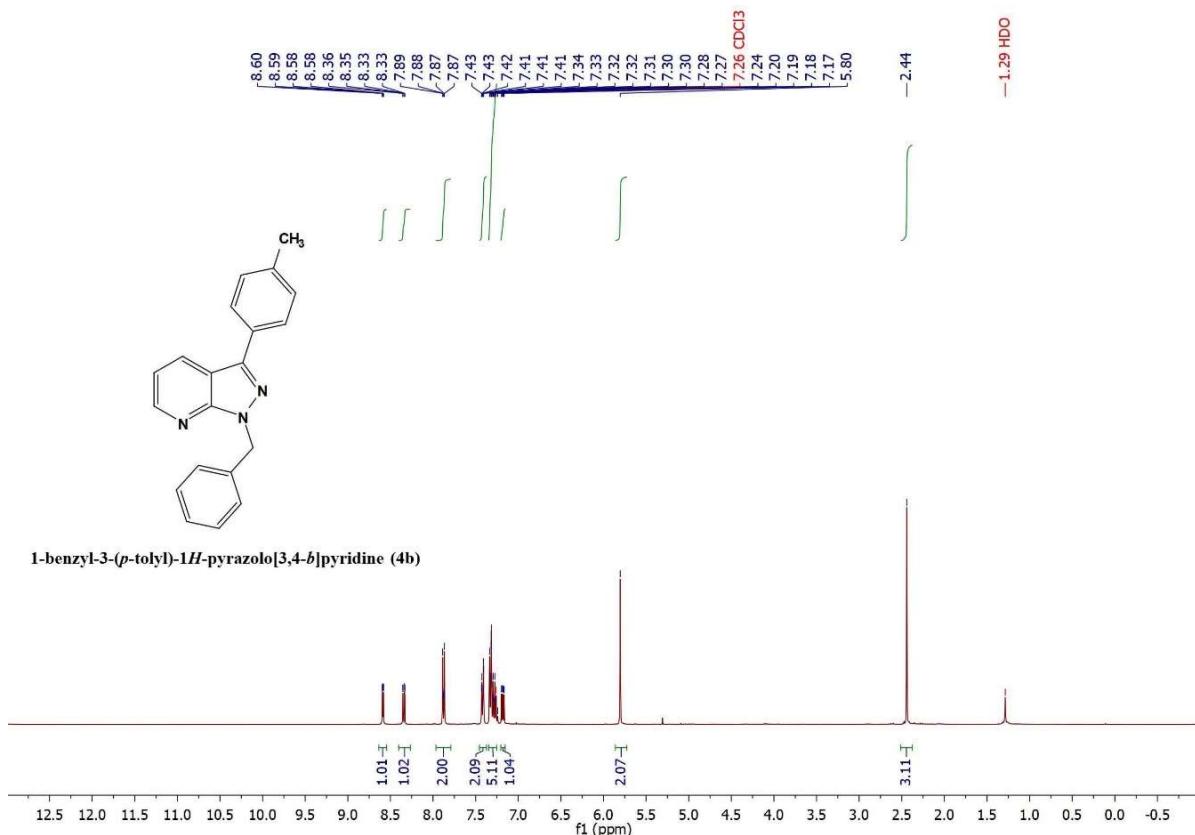


Figure 21 : ^1H NMR spectrum (400 MHz, CDCl_3) of compound 4b

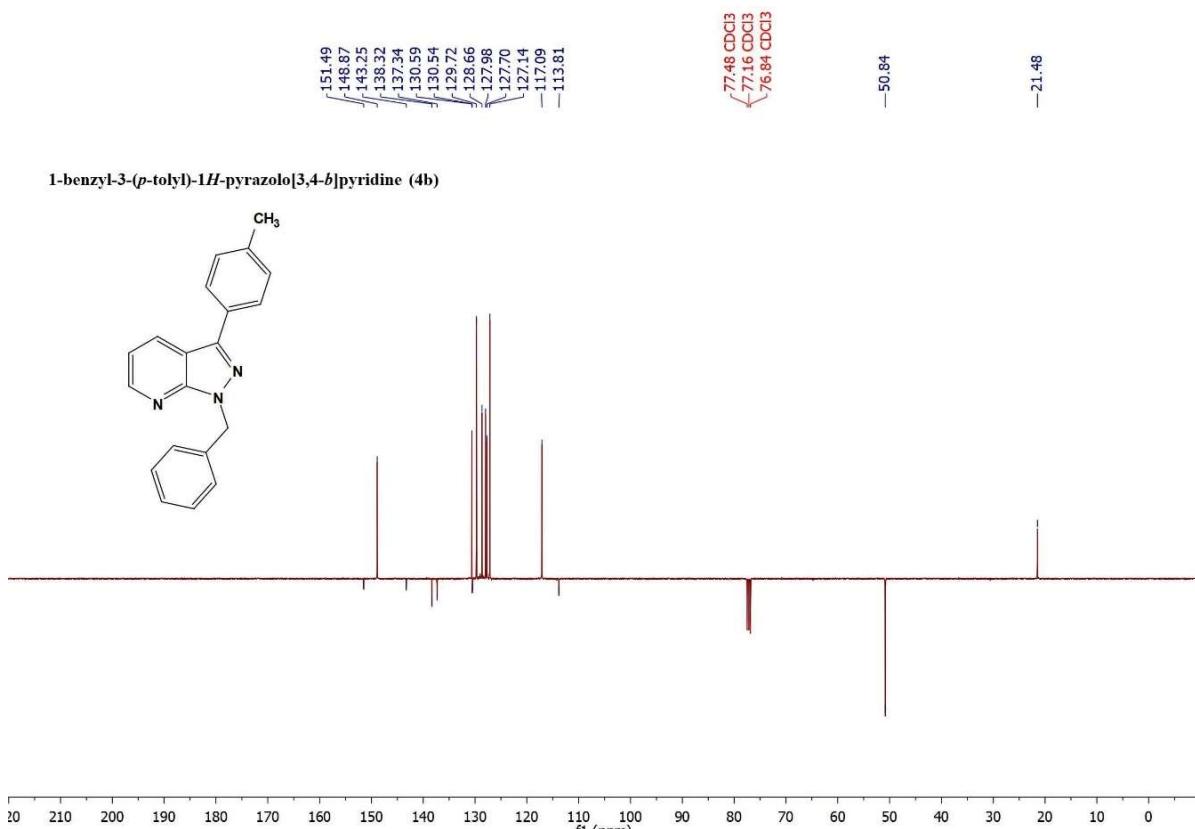


Figure 22 : ^{13}C Jmod NMR spectrum (101 MHz, CDCl_3) of compound 4b

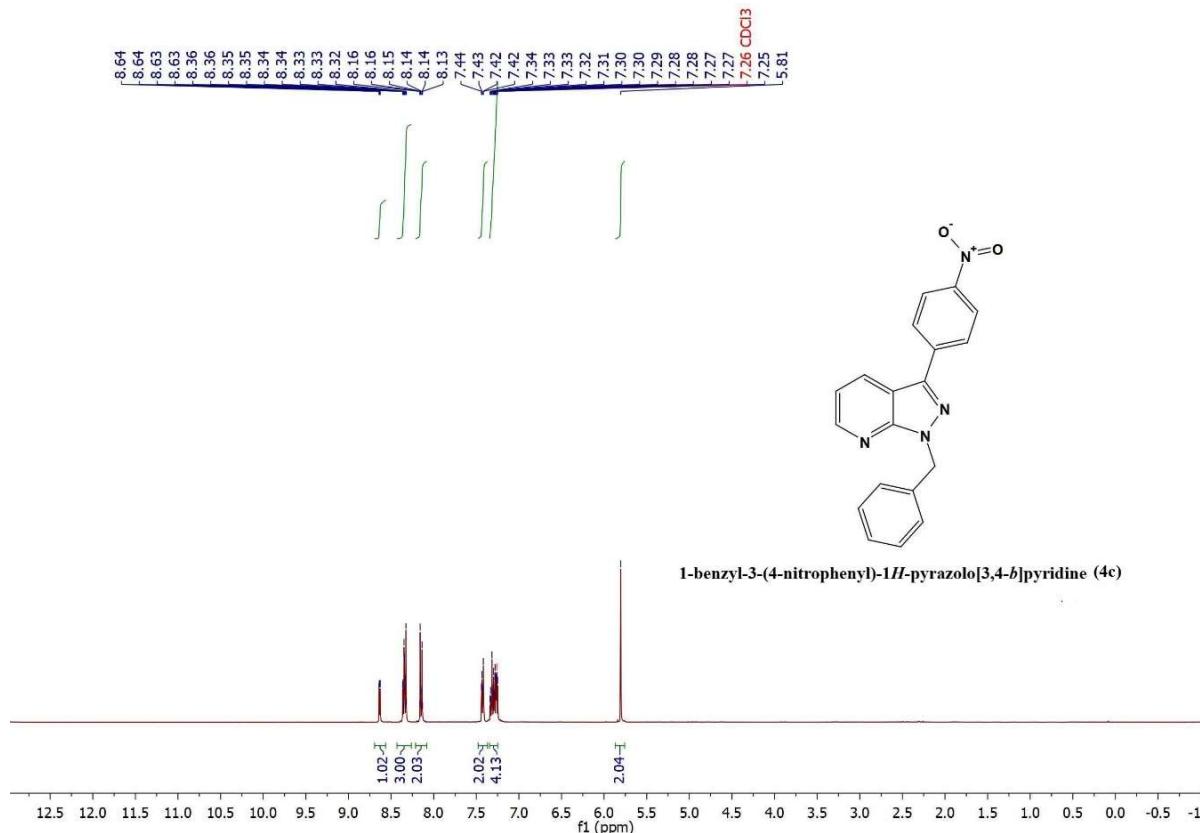


Figure 23 : ^1H NMR spectrum (400 MHz, CDCl_3) of compound 4c

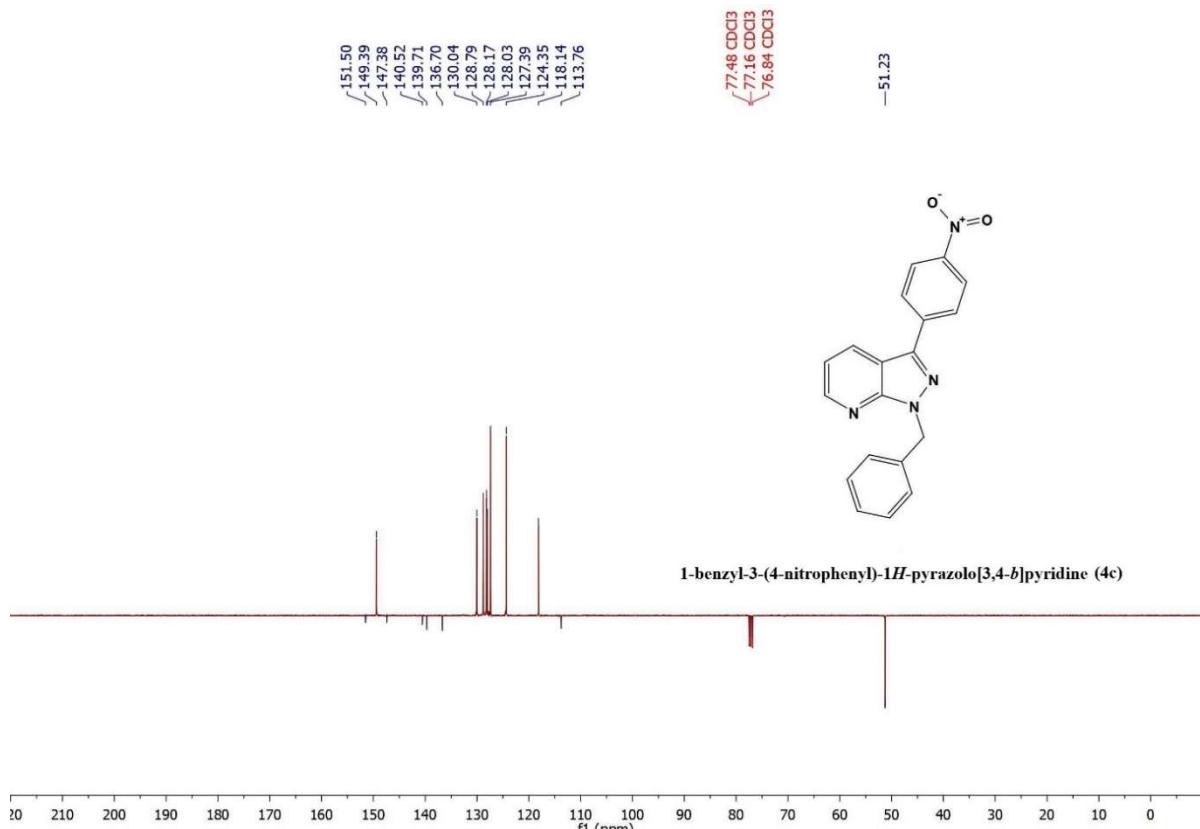


Figure 24 : ^{13}C Jmod NMR spectrum (101 MHz, CDCl_3) of compound 4c

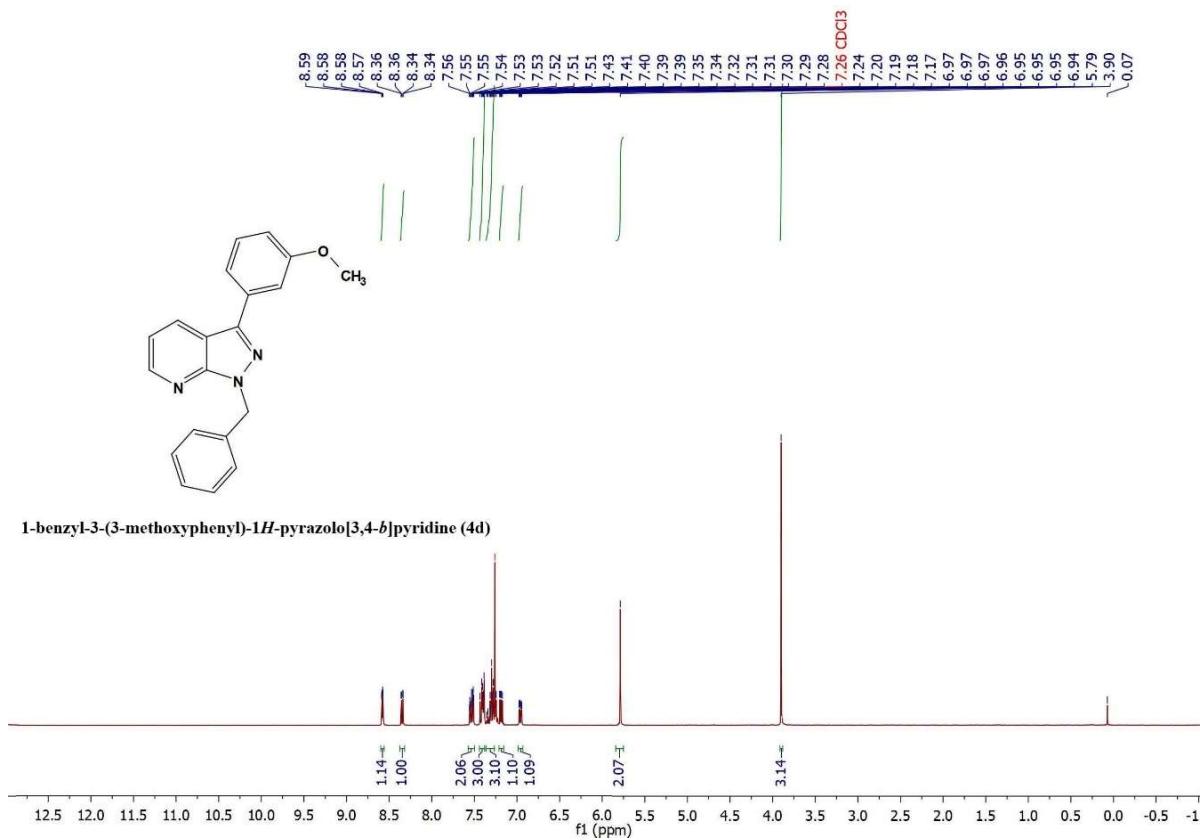


Figure 25 : ^1H NMR spectrum (400 MHz, CDCl_3) of compound 4d

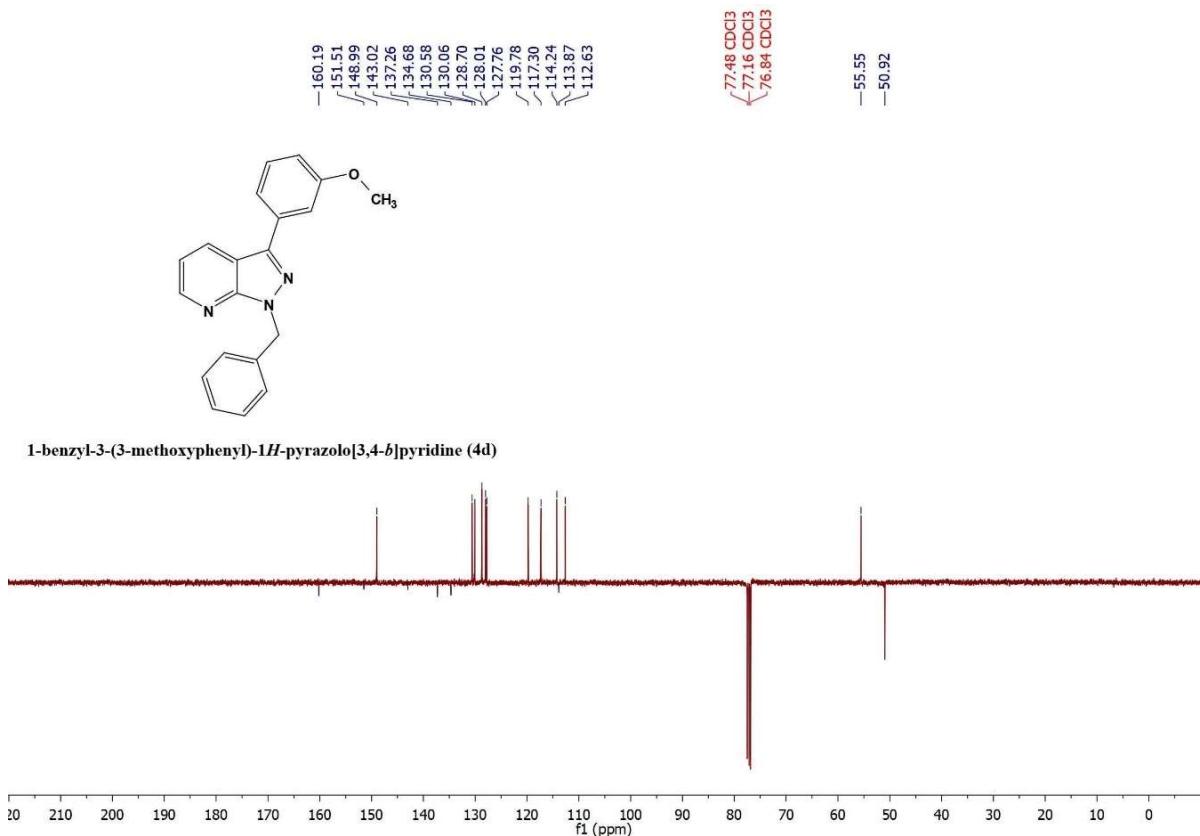


Figure 26 : ^{13}C Jmod NMR spectrum (101 MHz, CDCl_3) of compound 4d