

Supplementary Information

Synthesis of Dithiocarbamates by Markovnikov Addition Reaction in PEG and Their Application in Amidoalkylation of Naphthols and Indoles

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Figure S1. ¹H NMR spectrum (300 MHz, CDCl₃) of **3i**.

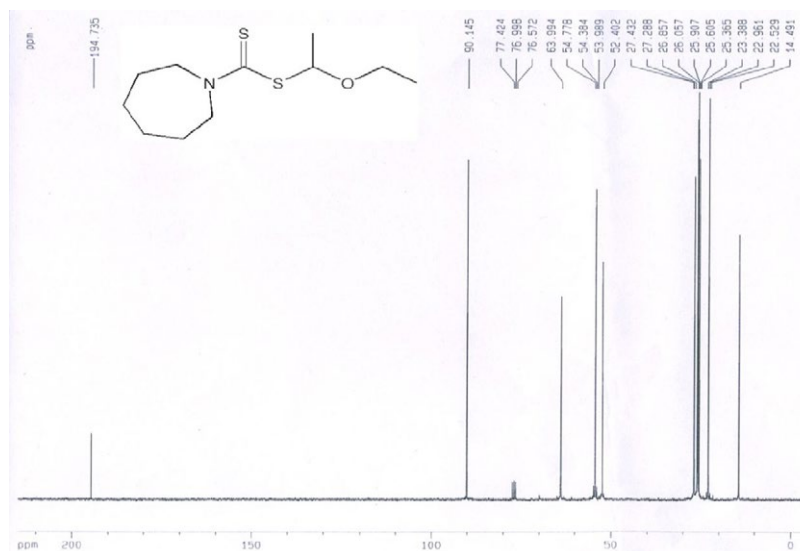


Figure S2. ¹³C NMR spectrum (75 MHz, CDCl₃) of **3i**.

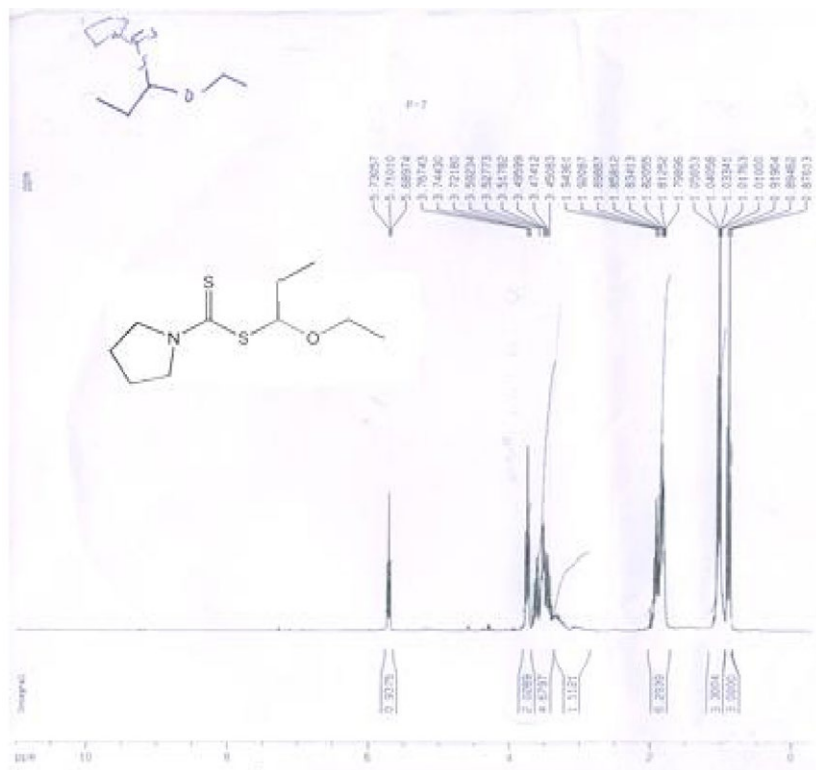


Figure S3. ¹H NMR spectrum (300 MHz, CDCl₃) of **3i**.

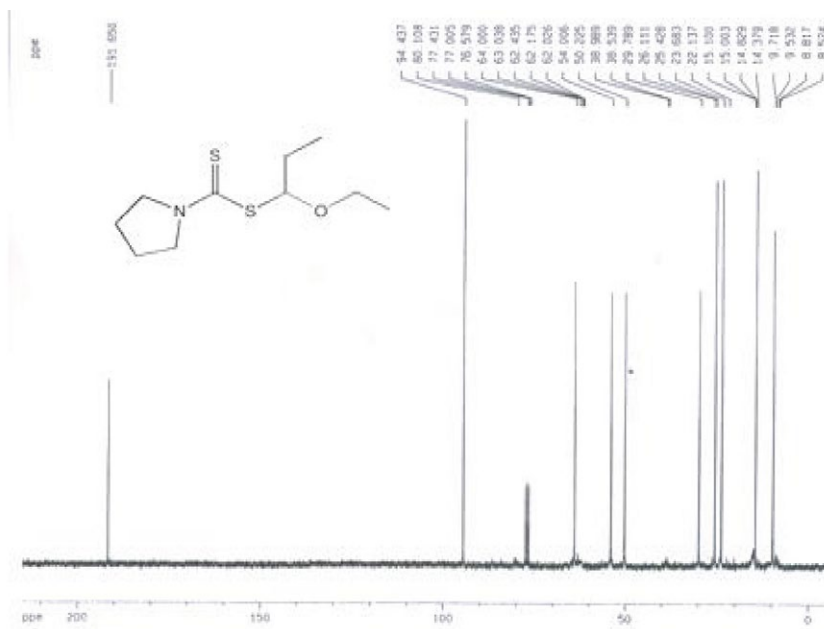


Figure S4. ^{13}C NMR spectrum (75 MHz, CDCl_3) of **3l**.

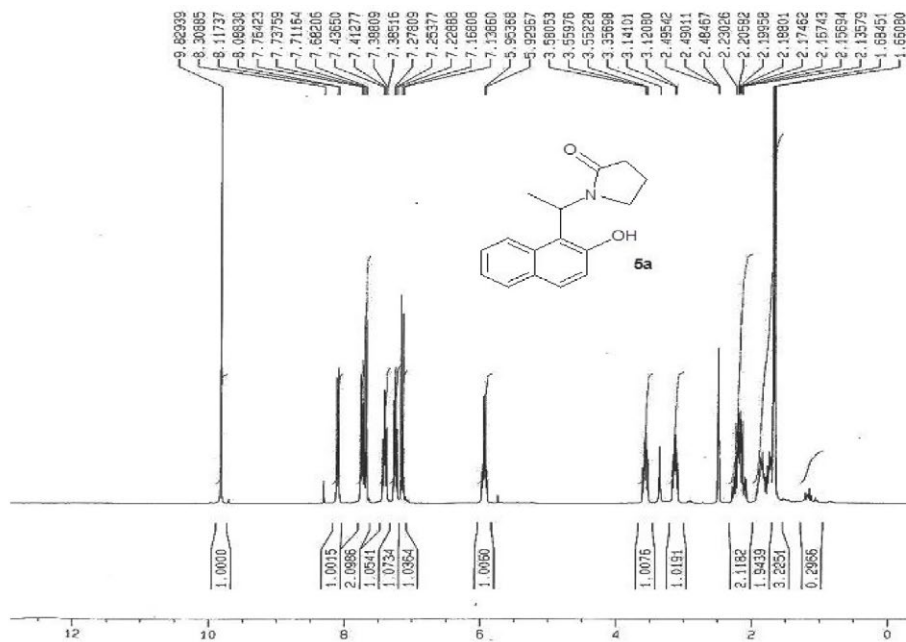


Figure S5. ^1H NMR spectrum (300 MHz, $\text{DMSO}-d_6$) of **5a**.

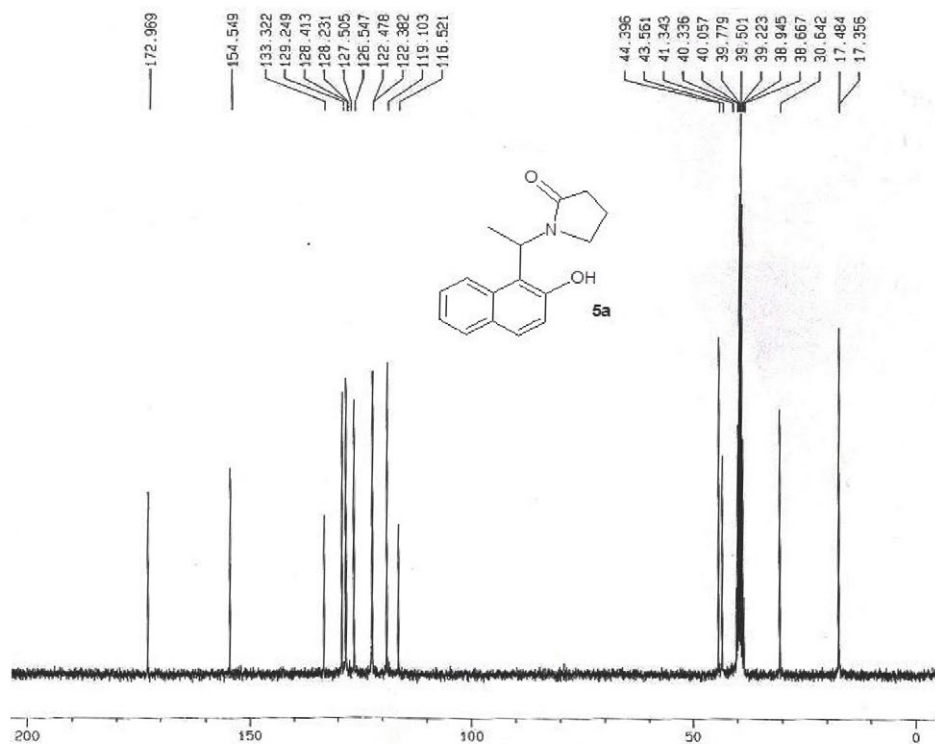


Figure S6. ¹³C NMR spectrum (75 MHz, DMSO-*d*₆) of **5a**.

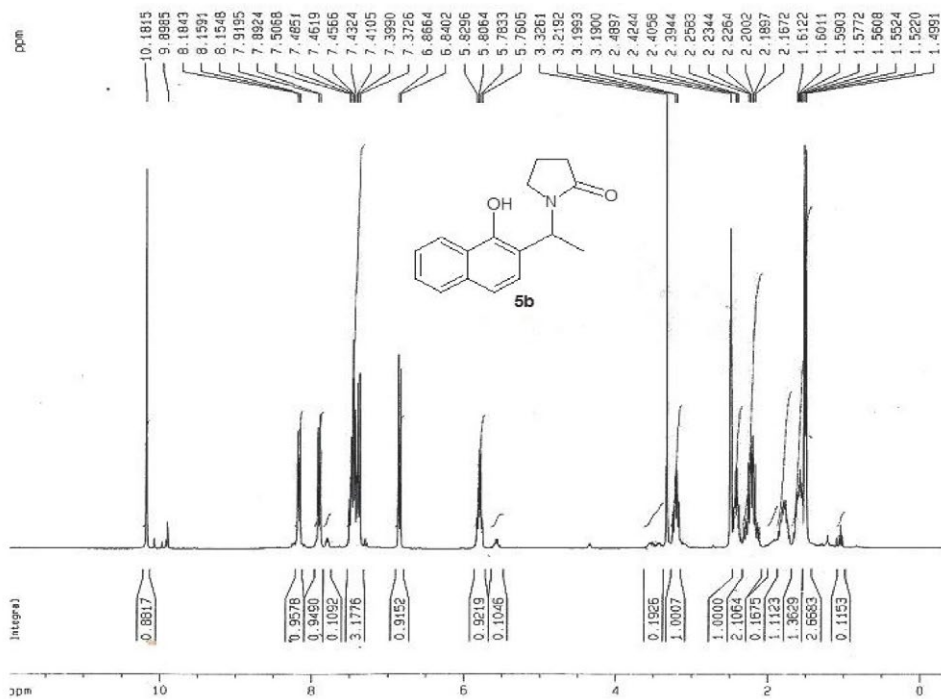


Figure S7. ¹H NMR spectrum (300 MHz, DMSO-*d*₆) of **5b**.

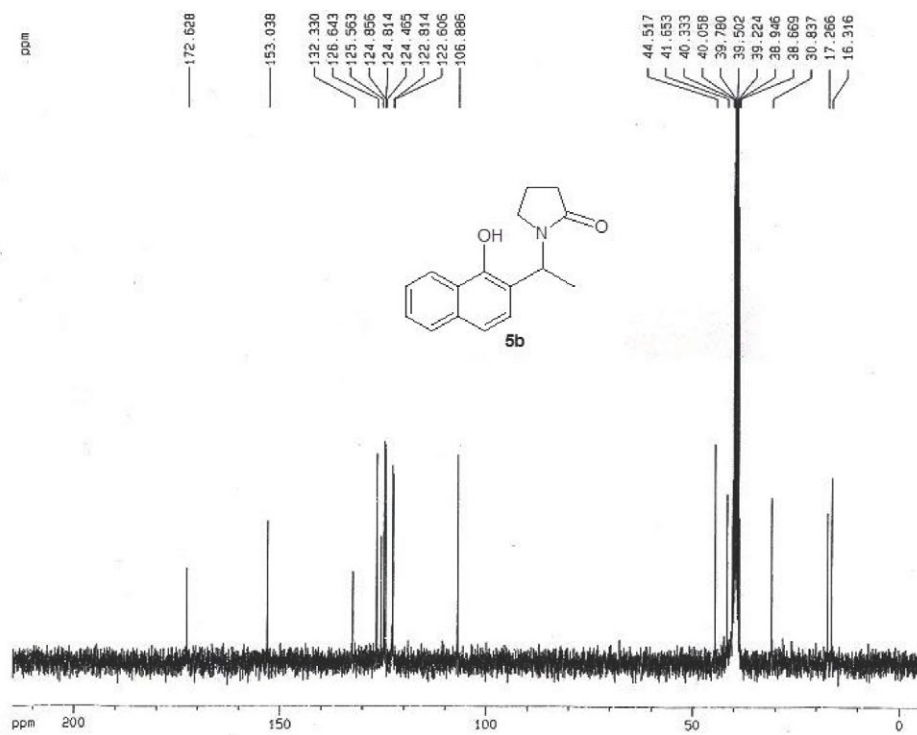


Figure S8. ¹³C NMR spectrum (75 MHz, DMSO-*d*₆) of **5b**.

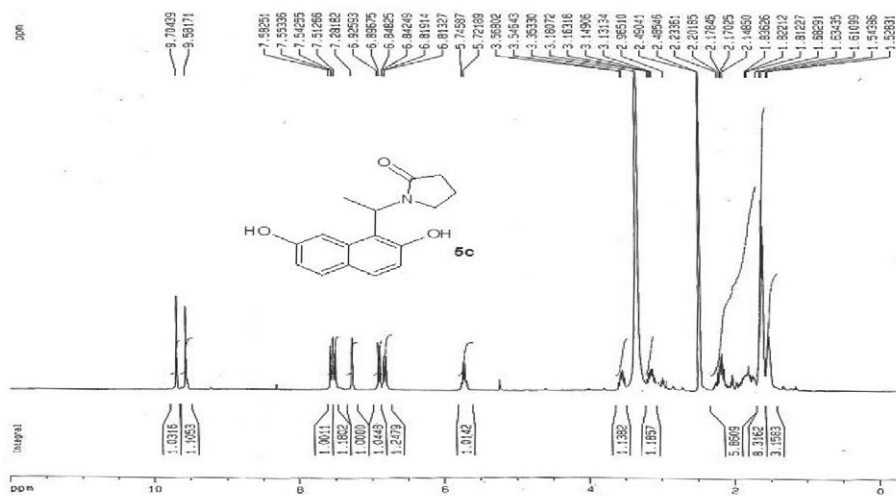


Figure S9. ¹H NMR spectrum (300 MHz, DMSO-*d*₆) of **5c**.

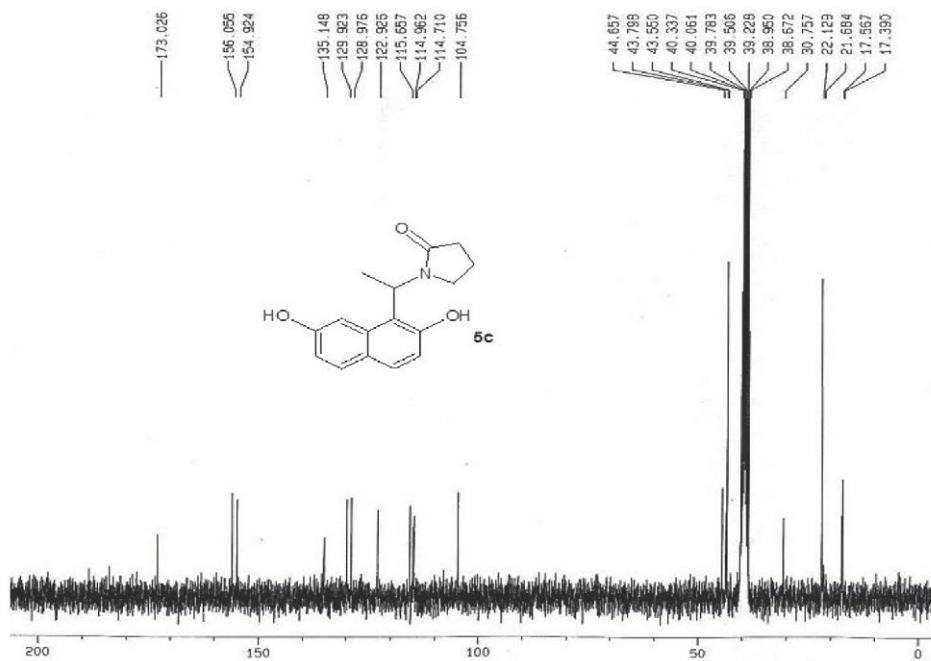


Figure S10. ¹³C NMR spectrum (75 MHz, DMSO-*d*₆) of **5c**.

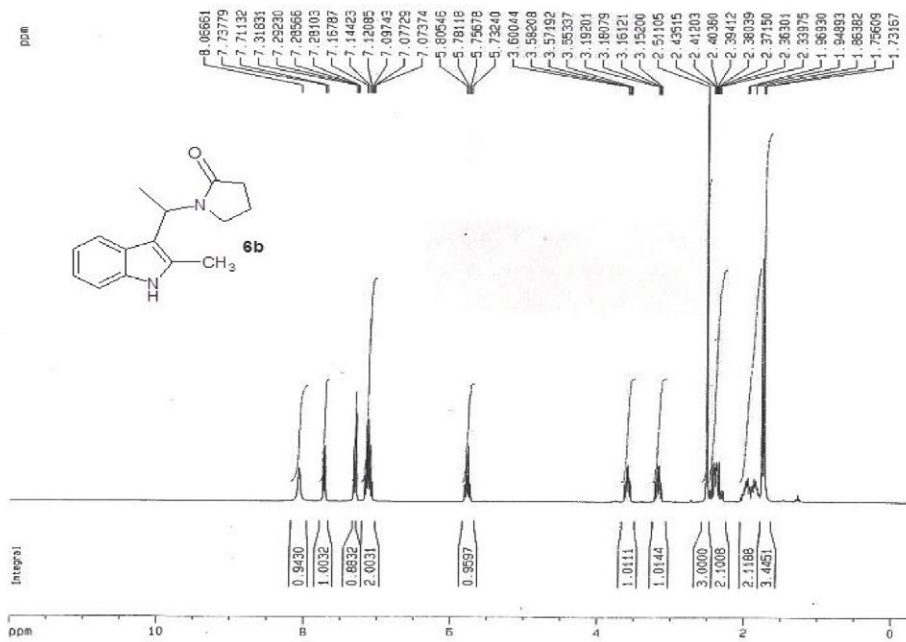


Figure S11. ¹H NMR spectrum (300 MHz, CDCl₃) of **6b**.

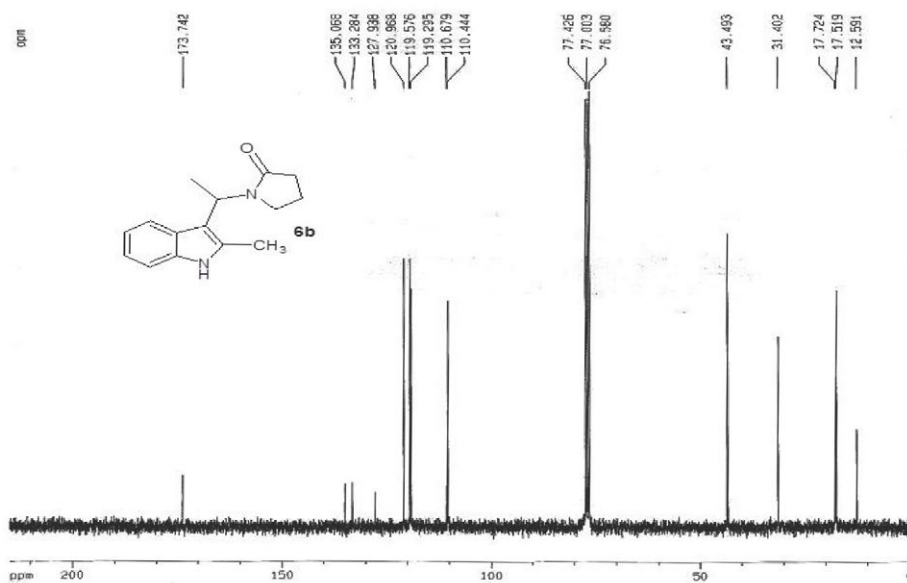


Figure S12. ¹³C NMR spectrum (75 MHz, CDCl₃) of **6b**.

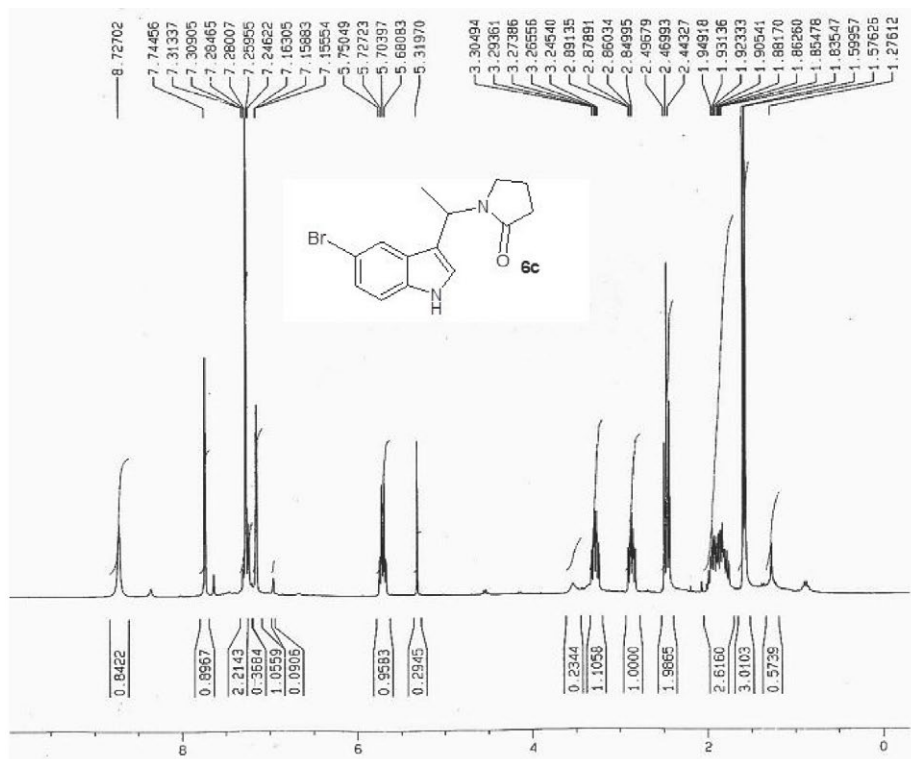
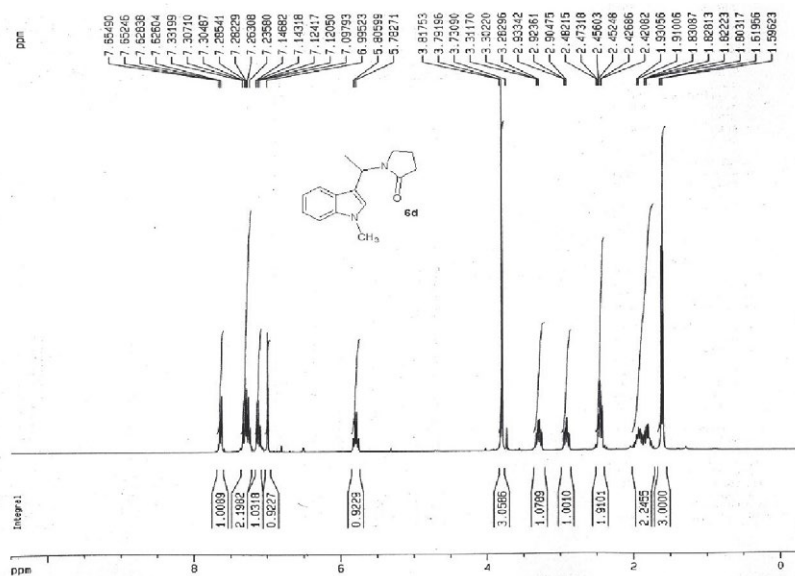
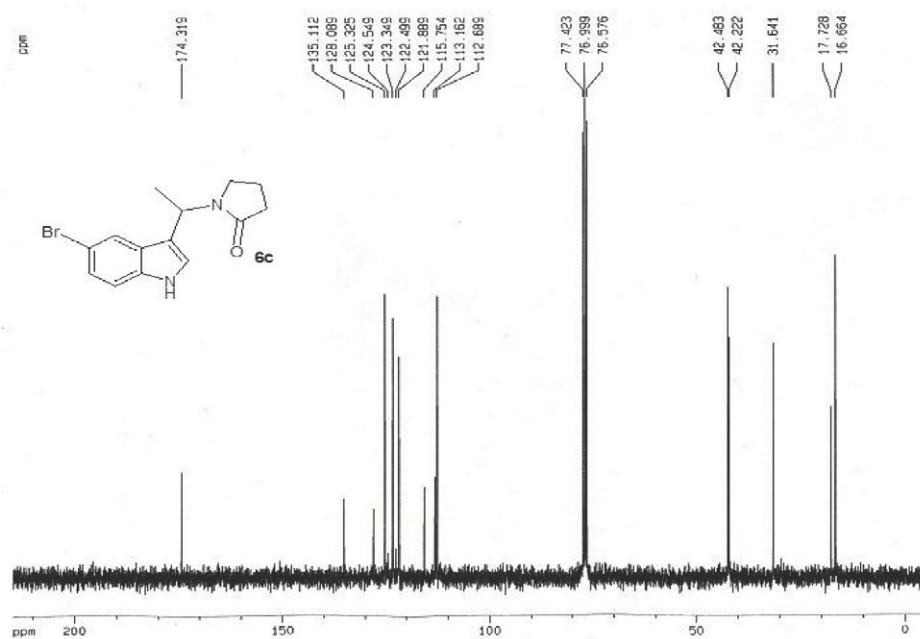


Figure S13. ¹H NMR spectrum (300 MHz, CDCl₃) of **6c**.



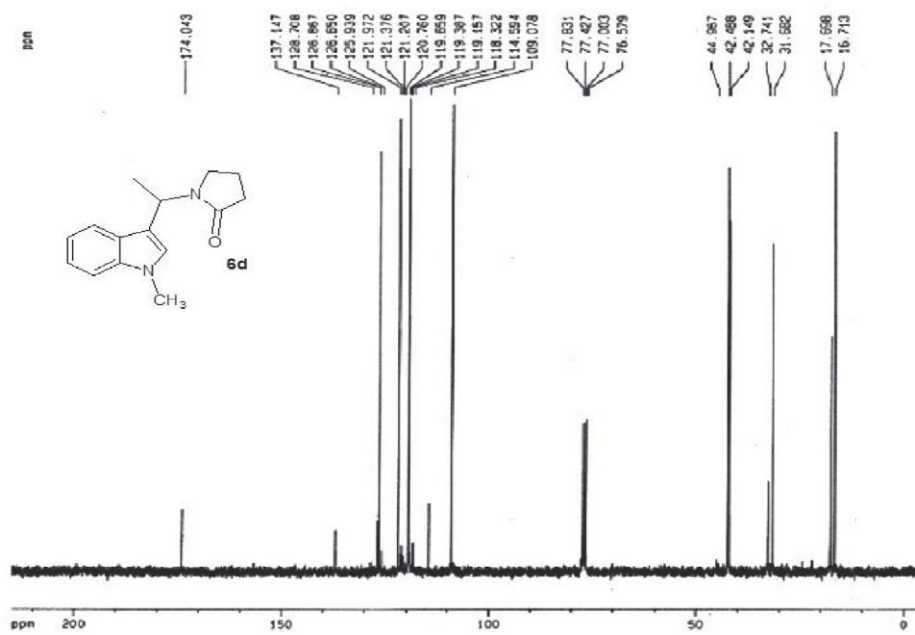


Figure S16. ¹³C NMR spectrum (75 MHz, CDCl₃) of **6d**.