Supporting Information

to the article

Nitro-derivatives of Benzoazacrown Ethers: Synthesis, Structure, and Complexation with Metal and Ammonium Cations and Fluoride Anion

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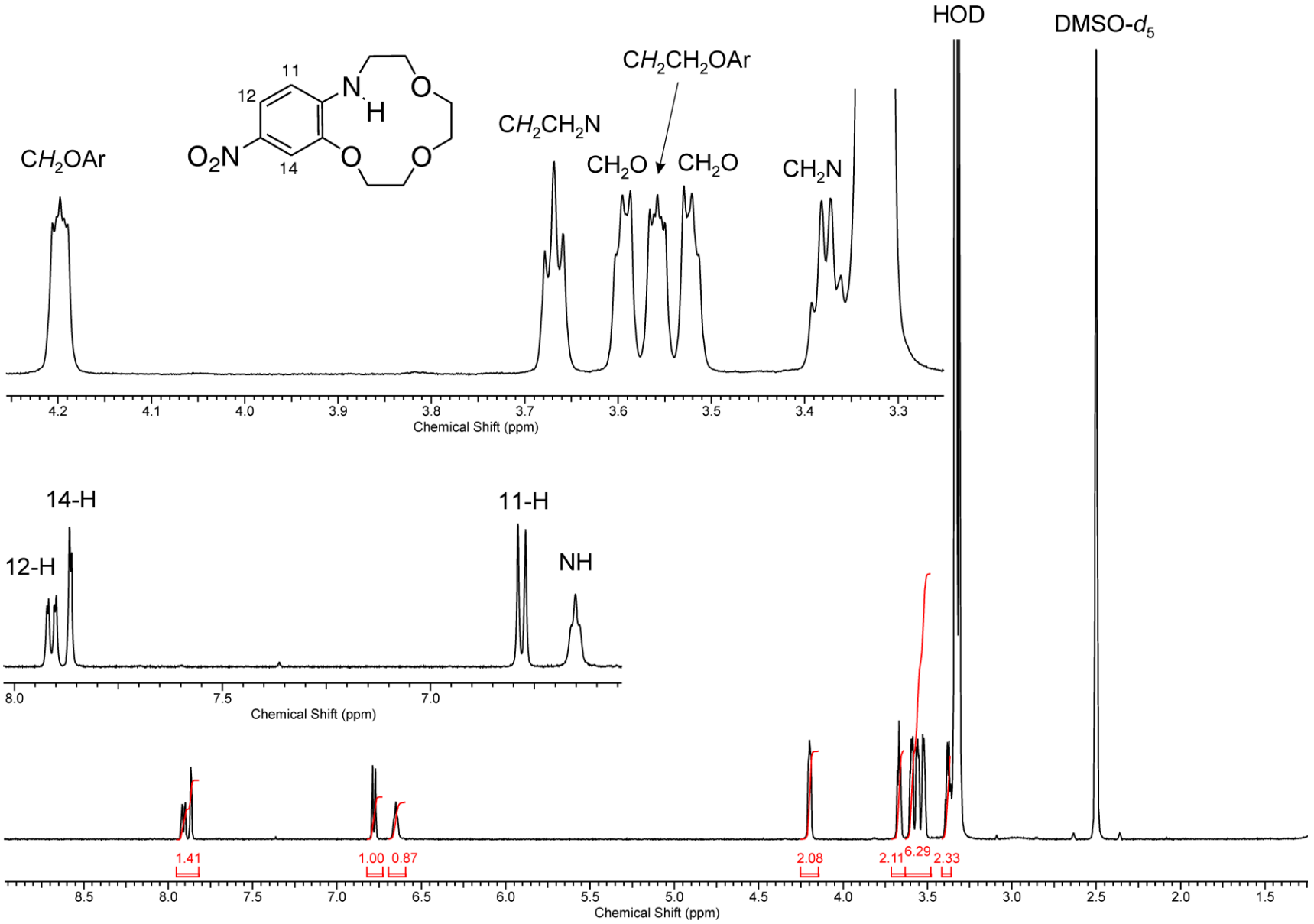

Figure S1. ^{1}H NMR spectrum of compound **1a** (500.13 MHz, DMSO-d_6, 25 °C).

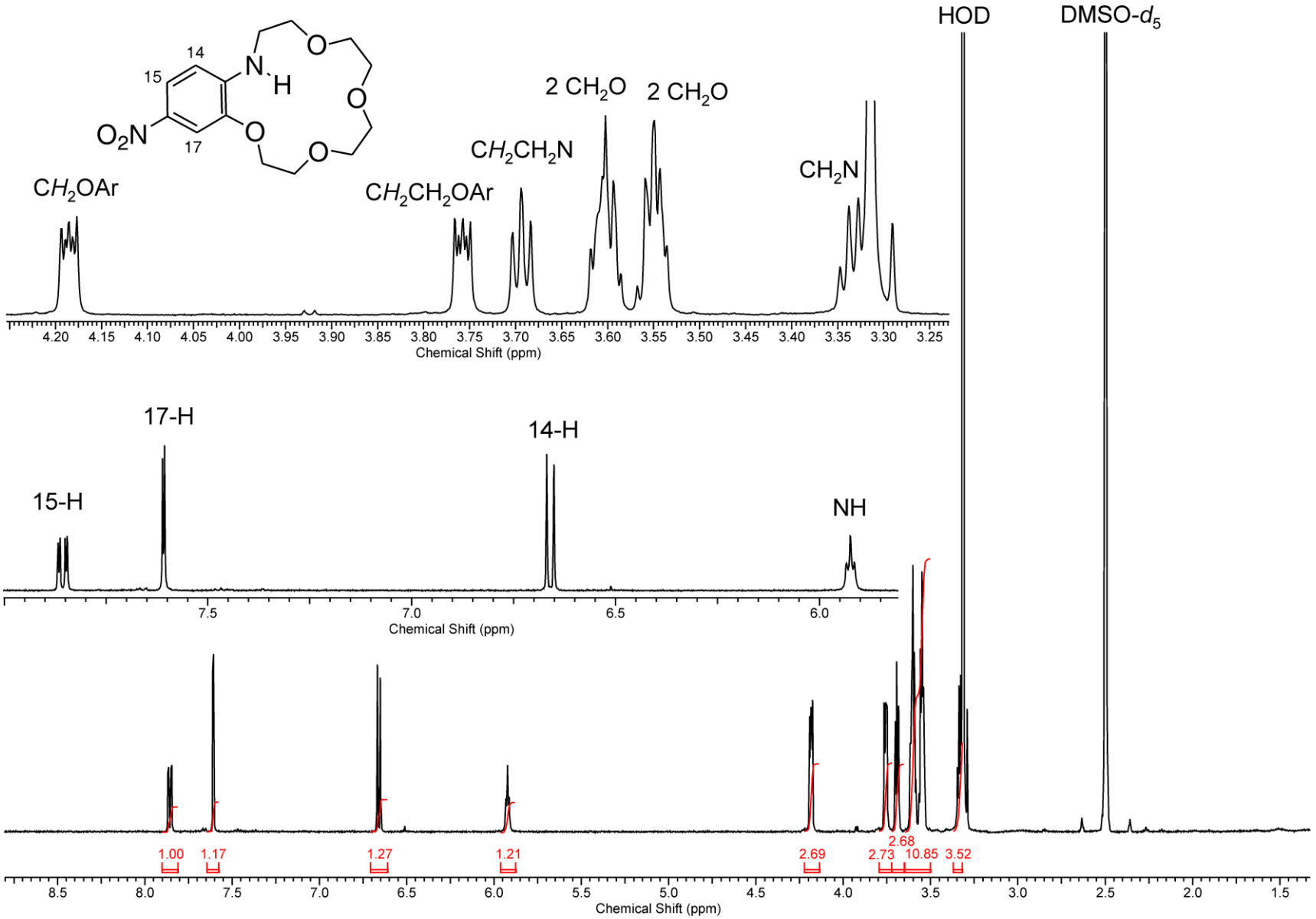

Figure S2. ^{1}H NMR spectrum of compound **1b** (500.13 MHz, DMSO-d_6, 25 °C).

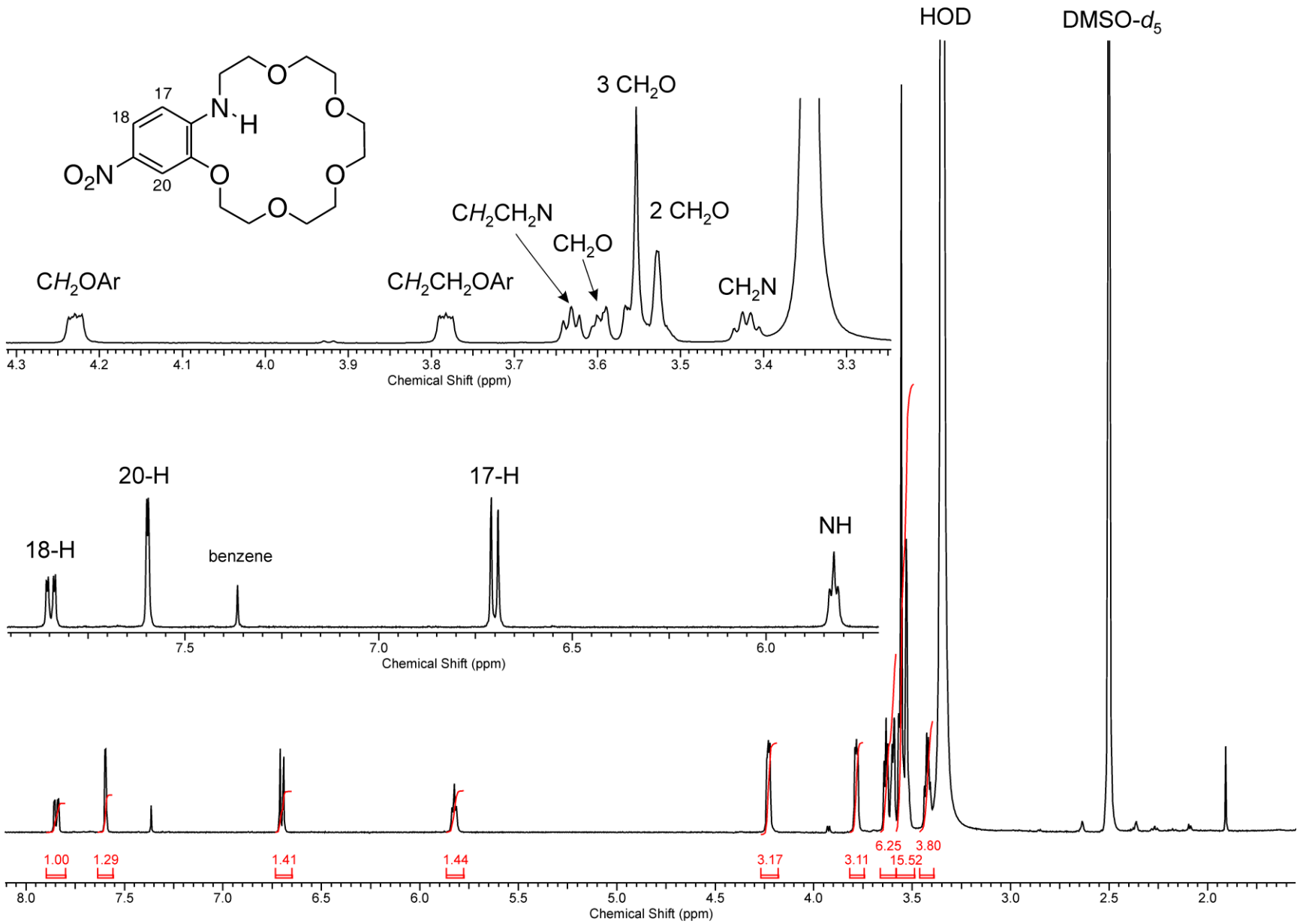

Figure S3. ^{1}H NMR spectrum of compound **1c** (500.13 MHz, DMSO-d_6, 25 °C).

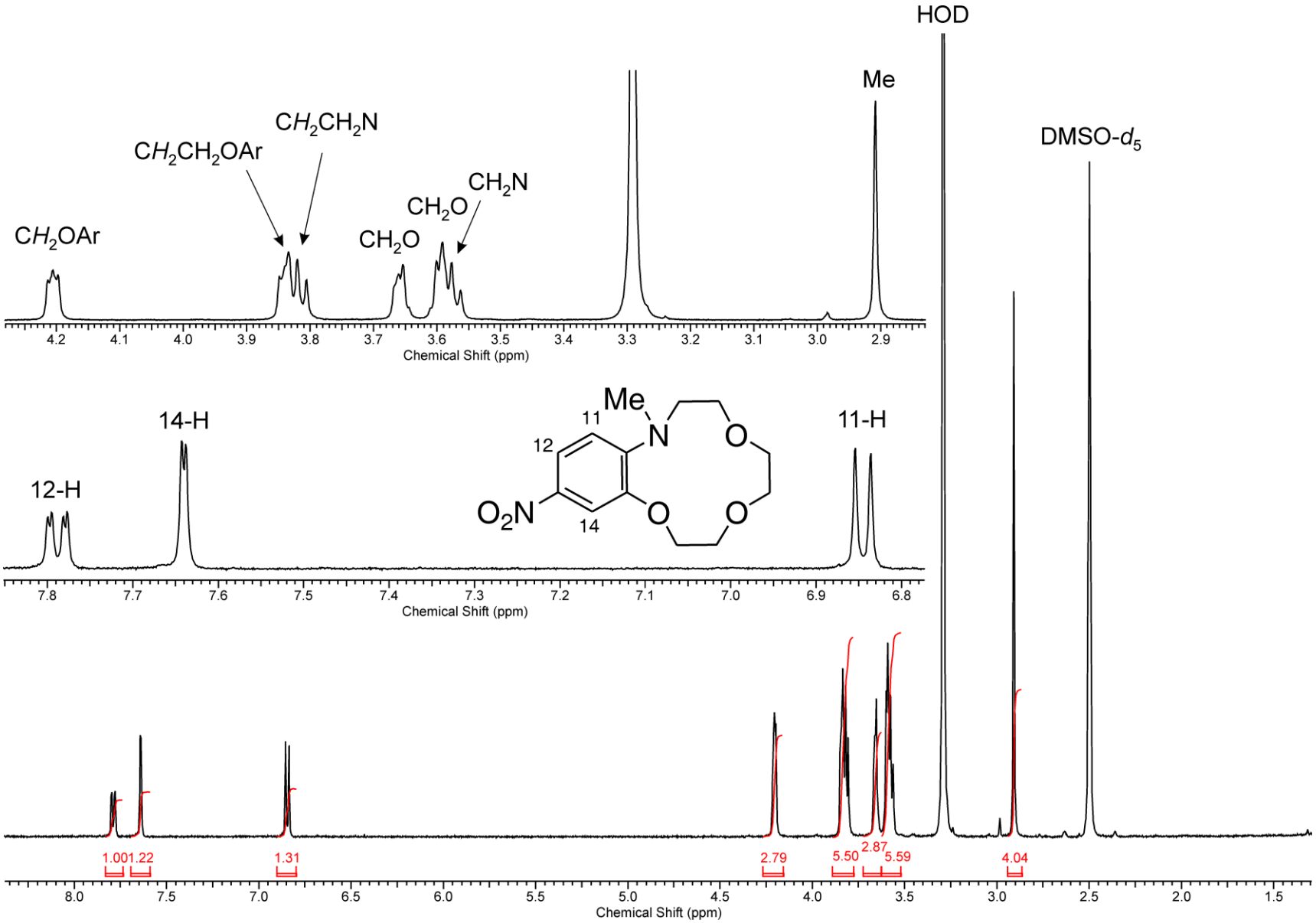

Figure S4. ^{1}H NMR spectrum of compound **2a** (500.13 MHz, DMSO-d_6, 25 °C).

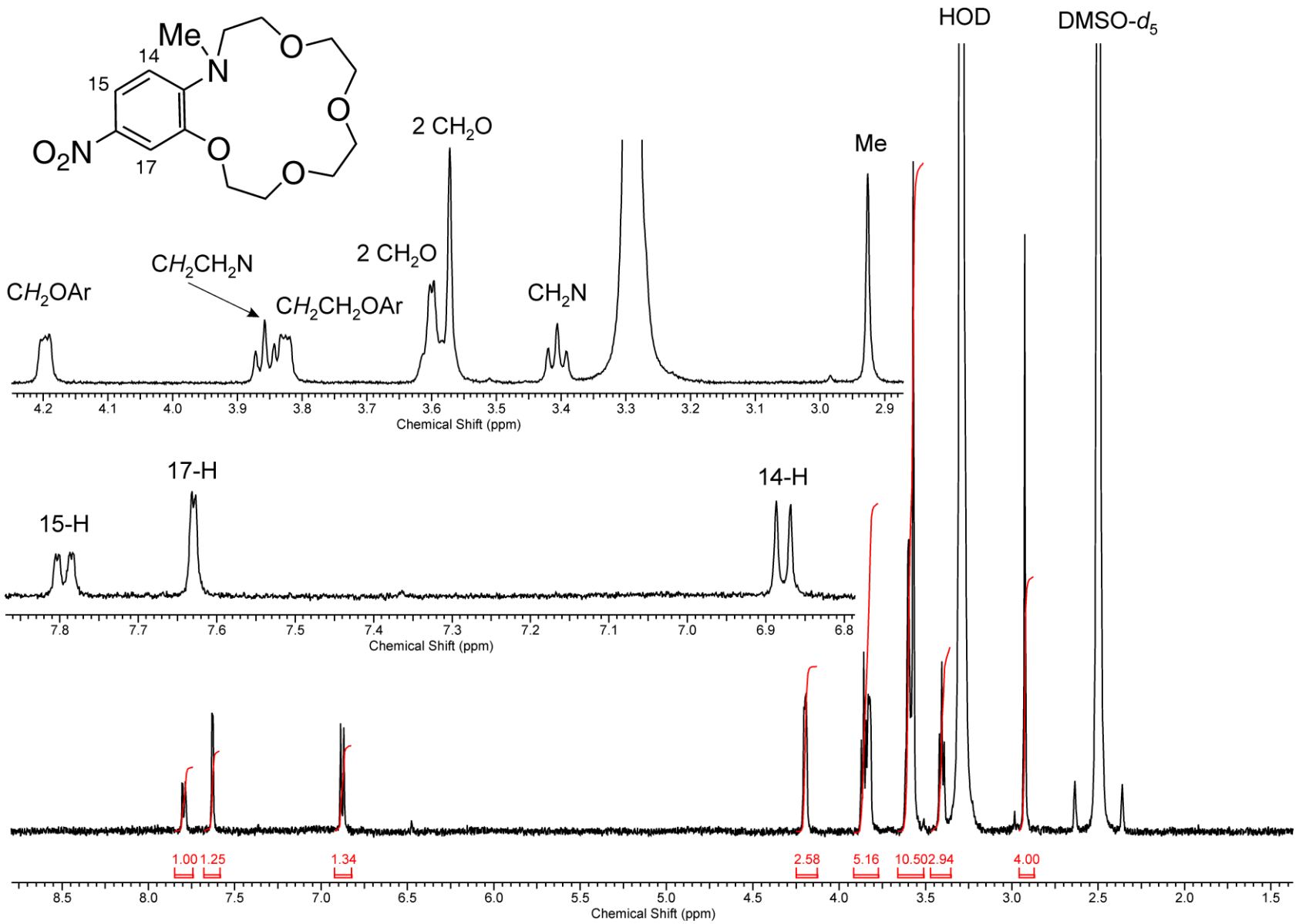

Figure S5. ^{1}H NMR spectrum of compound **2b** (500.13 MHz, DMSO-d_6, 25 °C).

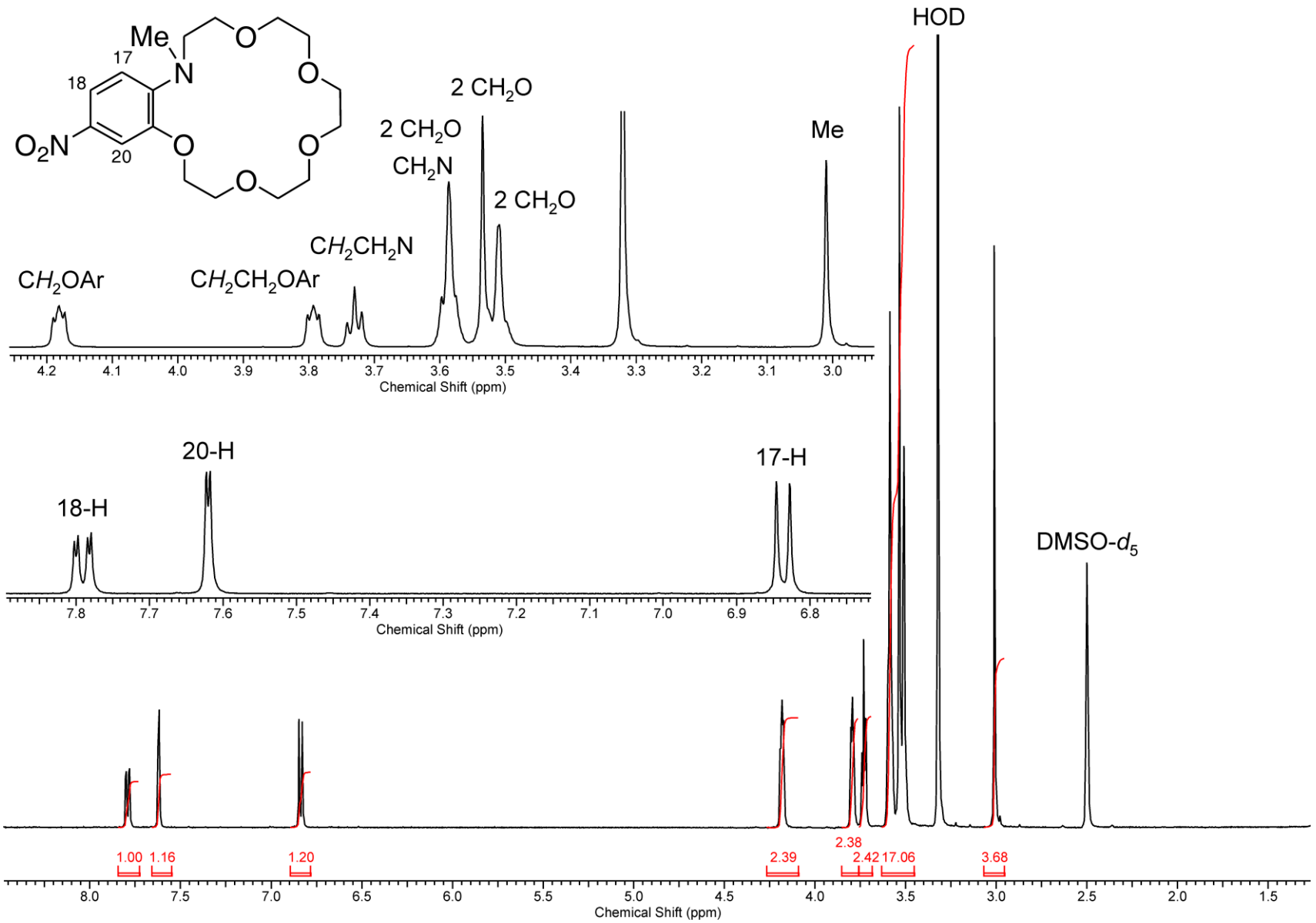

Figure S6. ^{1}H NMR spectrum of compound **2c** (500.13 MHz, DMSO-d_6, 25 °C).

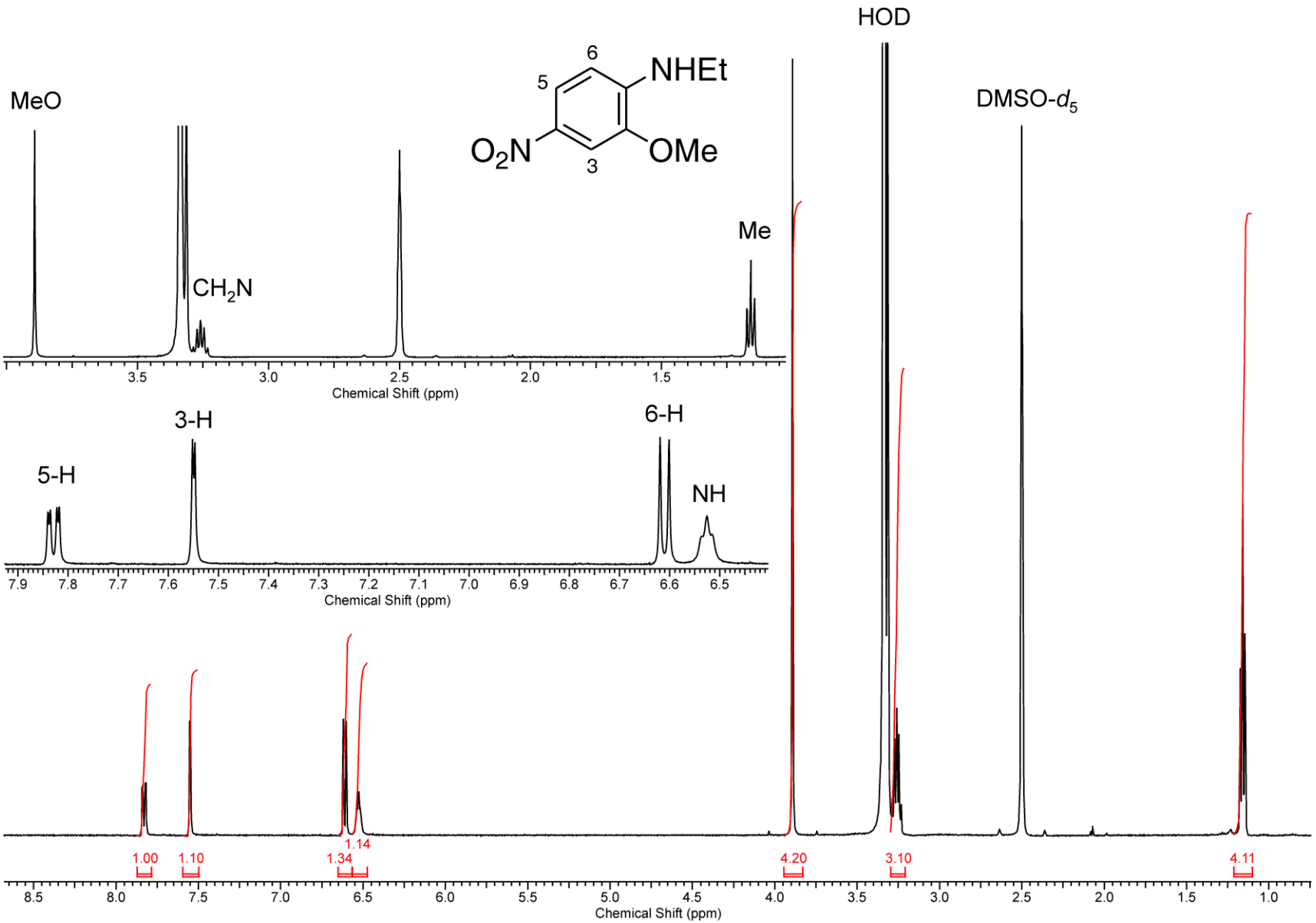

Figure S7. ^{1}H NMR spectrum of compound **5** (500.13 MHz, DMSO-d_6, 25 °C).

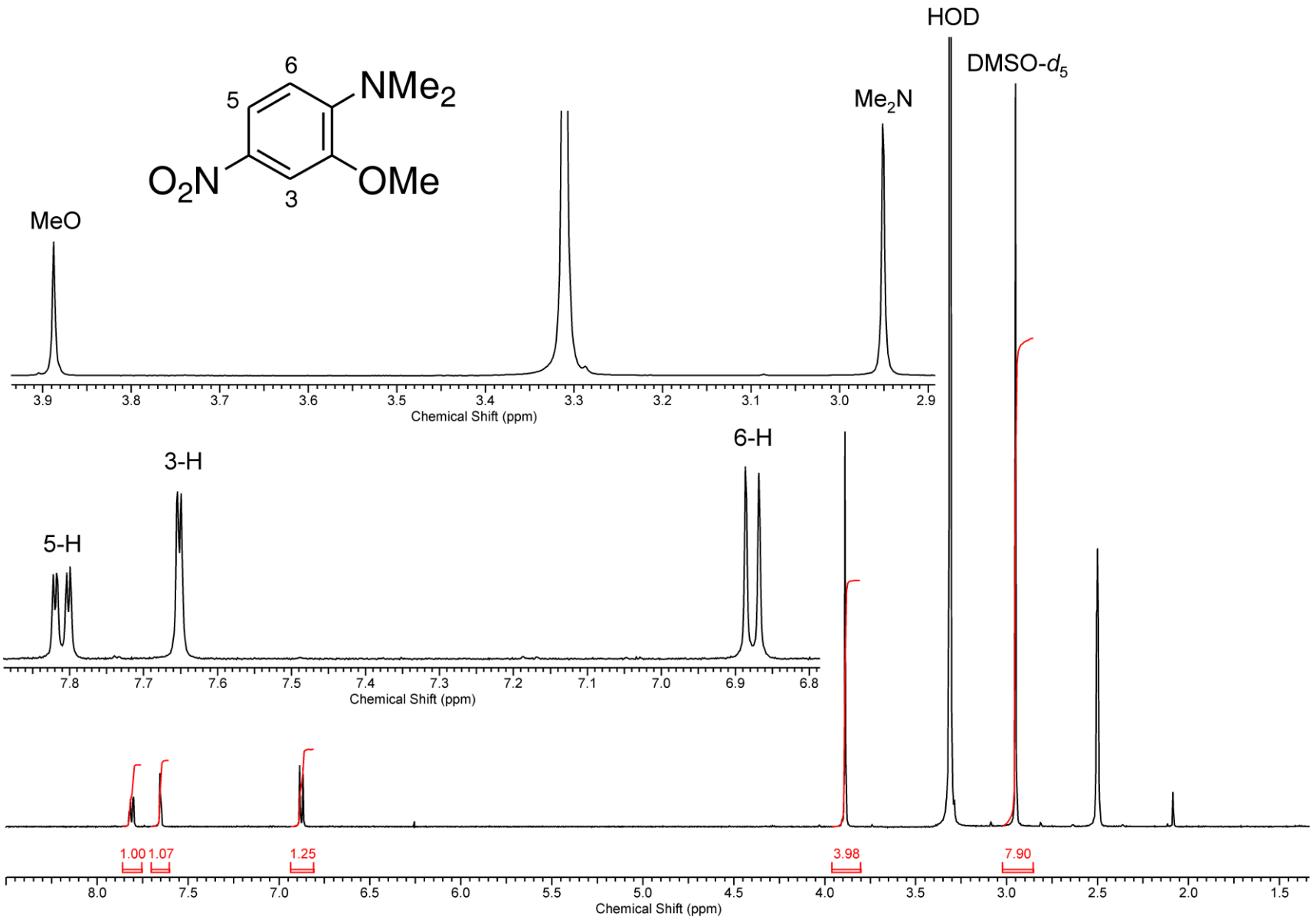

Figure S8. ^{1}H NMR spectrum of compound **7** (500.13 MHz, DMSO-d_6, 25 °C).

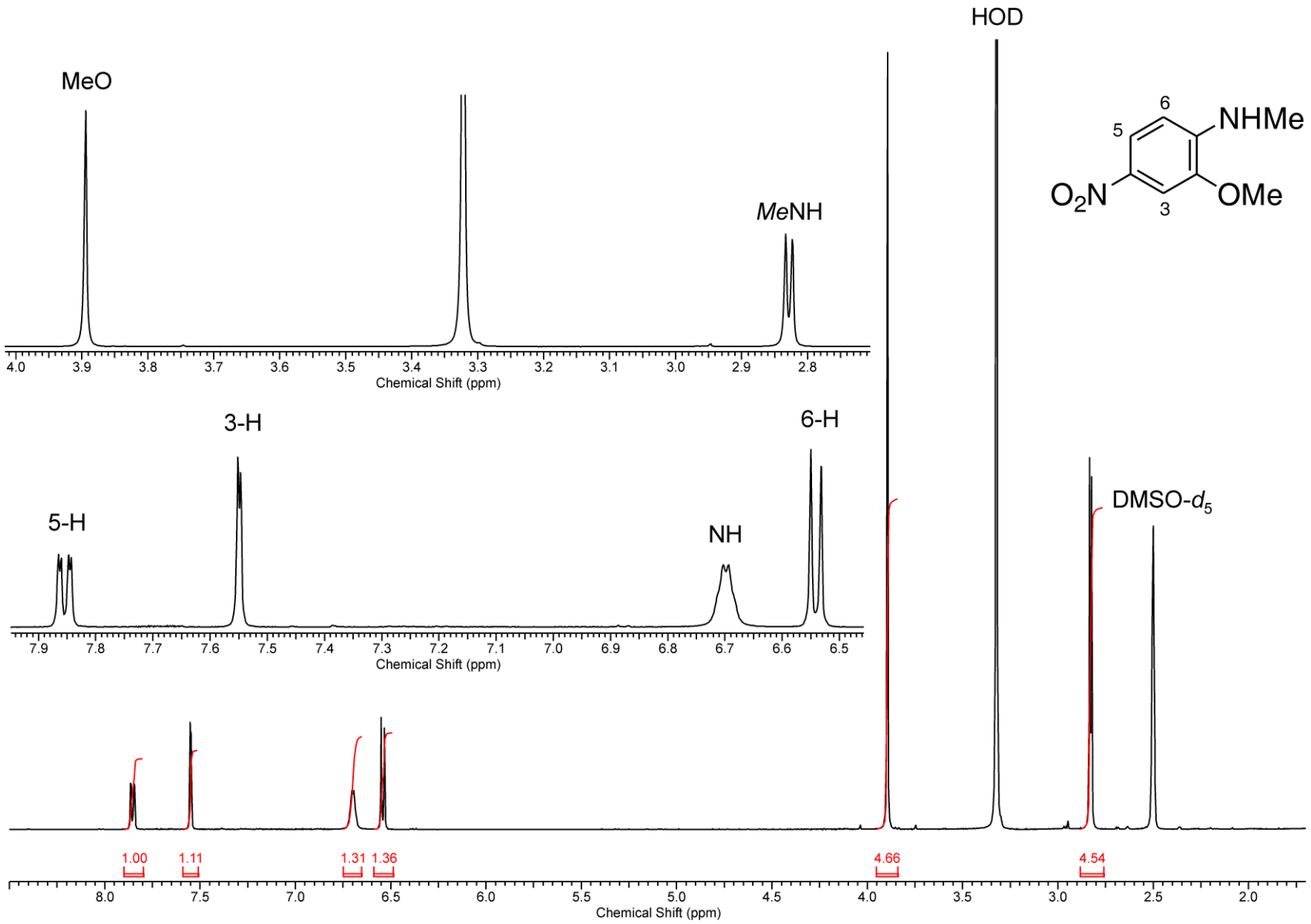

Figure S9. ^{1}H NMR spectrum of compound **8** (500.13 MHz, DMSO-d_6, 25 °C).

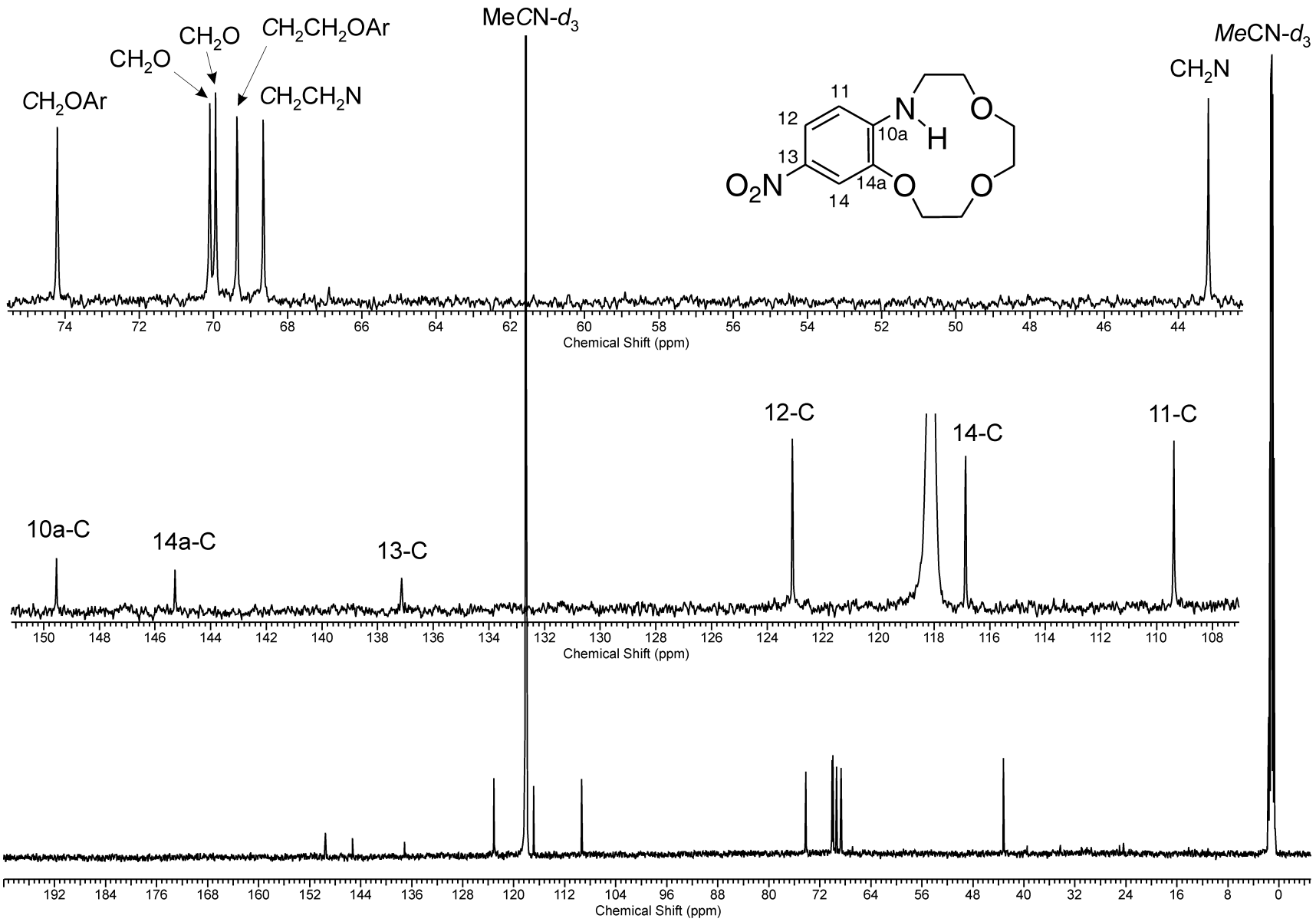

Figure S10. ^{13}C NMR spectrum of compound **1a** (125.76 MHz, MeCN-d_3, 25 °C).

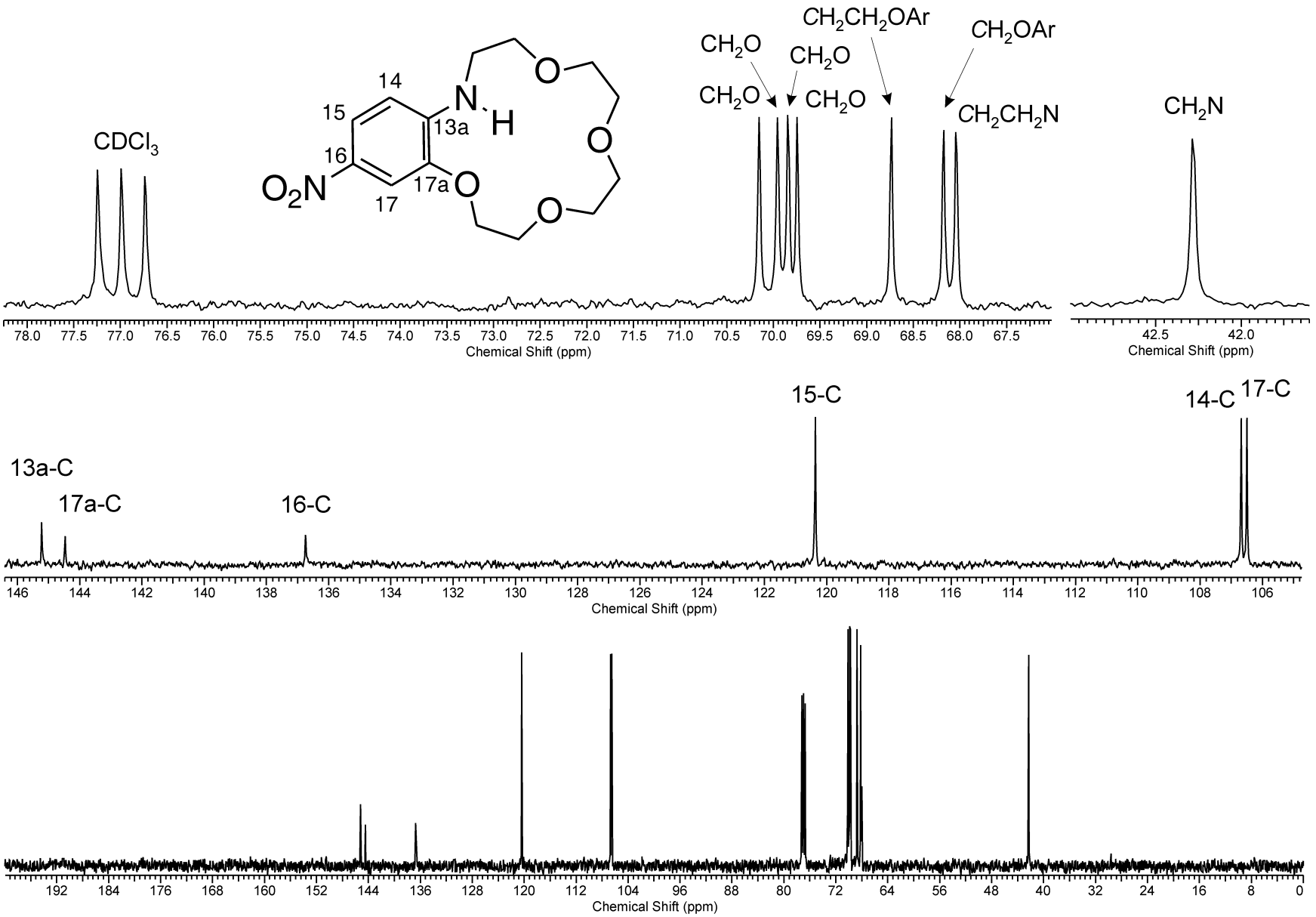

Figure S11. ^{13}C NMR spectrum of compound **1b** (125.76 MHz, $CDCl_3$, 25 °C).

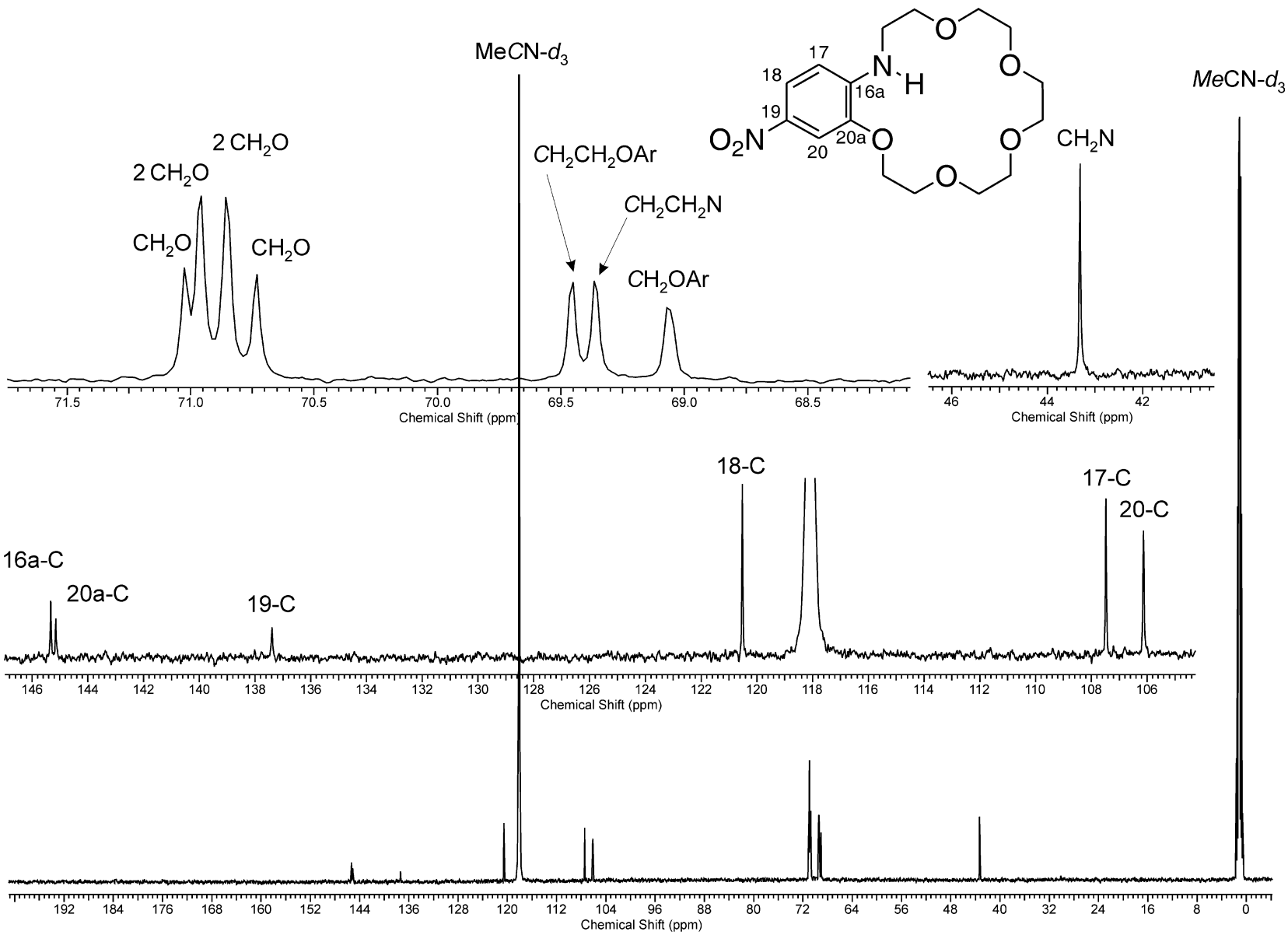

Figure S12. ^{13}C NMR spectrum of compound **1c** (125.76 MHz, MeCN-d_3, 25 °C).

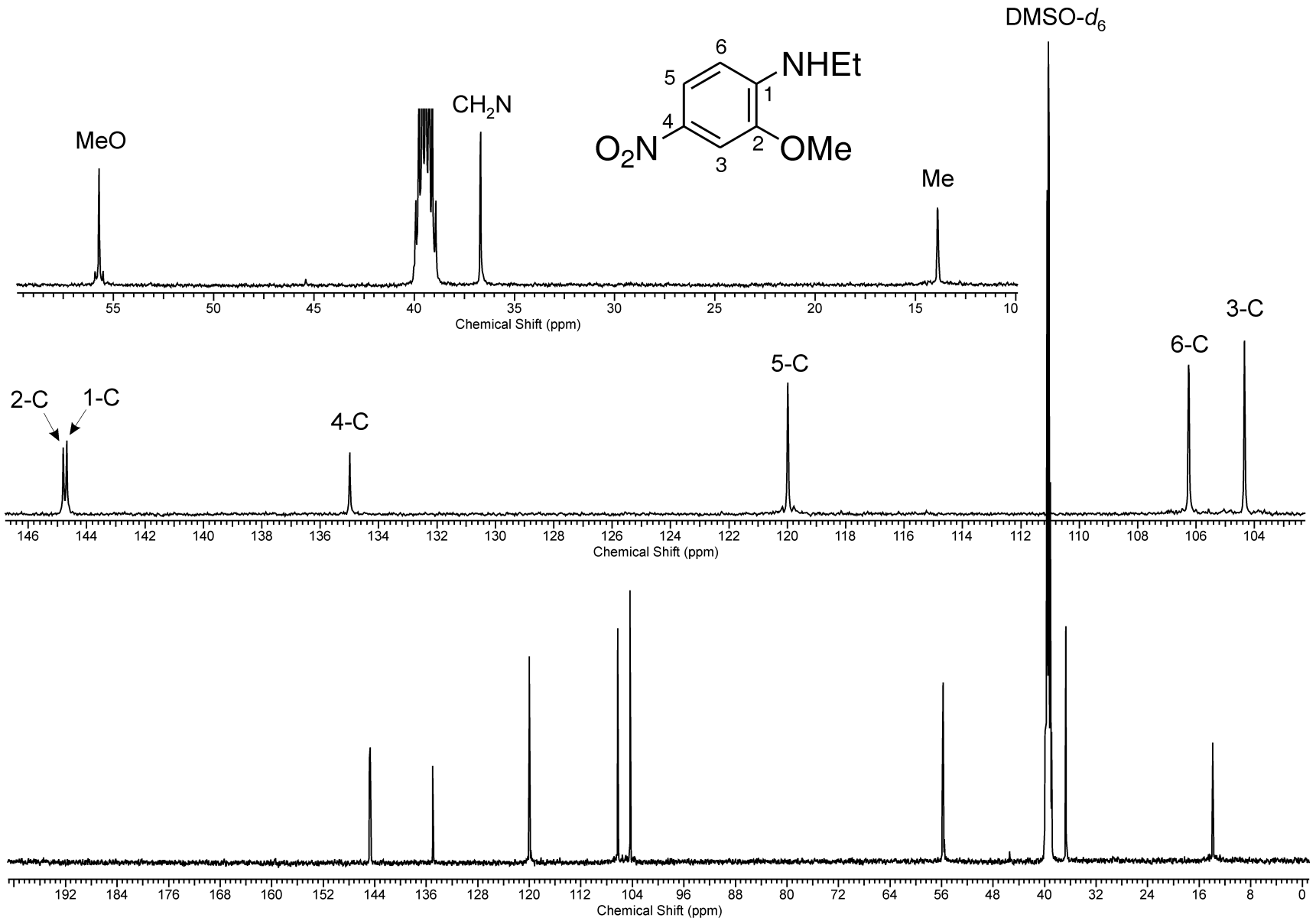

Figure S13. ^{13}C NMR spectrum of compound **5** (125.76 MHz, DMSO-d_6, 25 °C).

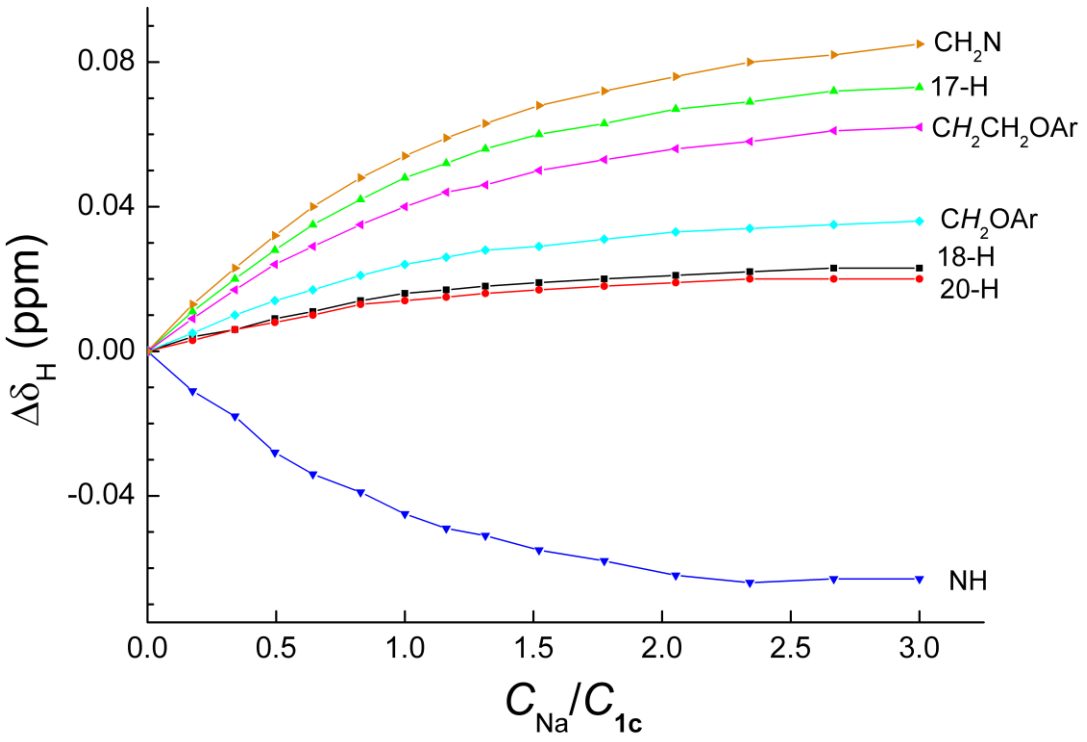

Figure S14. Values of $\Delta\delta_H$ = δ_H(**1c**/$NaClO_4$ mixture) – δ_H(free **1c**) for some protons of compound **1c** as a function of the $NaClO_4$/**1c** concentration ratio, MeCN-d_3, 25 °C.

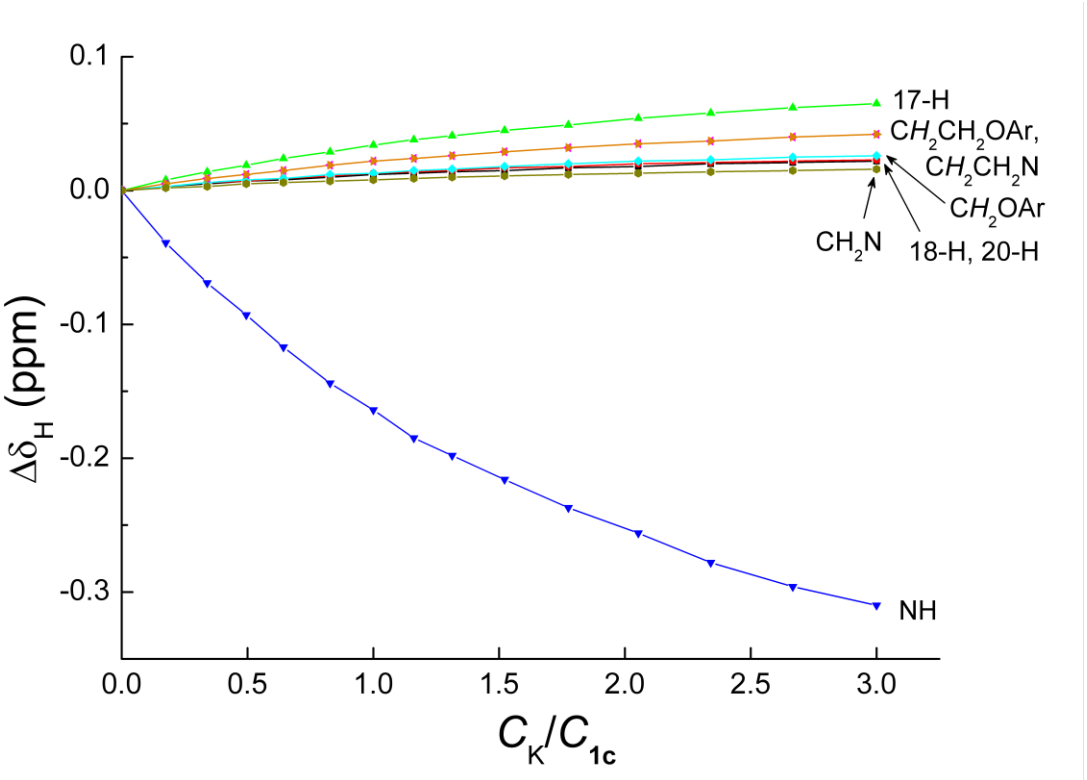

Figure S15. Values of $\Delta\delta_H$ = δ_H(**1c**/$KClO_4$ mixture) – δ_H(free **1c**) for some protons of compound **1c** as a function of the $KClO_4$/**1c** concentration ratio, MeCN-d_3, 25 °C.

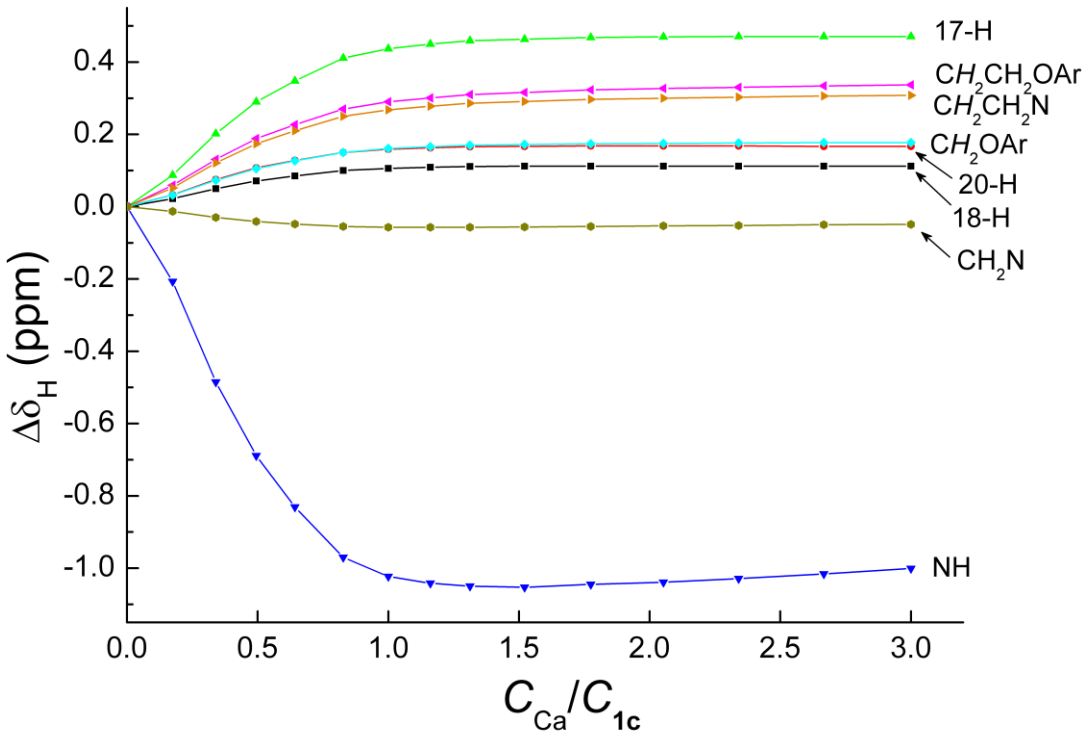

Figure S16. Values of $\Delta\delta_H$ = δ_H(**1c**/$Ca(ClO_4)_2$ mixture) – δ_H(free **1c**) for some protons of compound **1c** as a function of the $Ca(ClO_4)_2$/**1c** concentration ratio, MeCN-d_3, 25 °C.

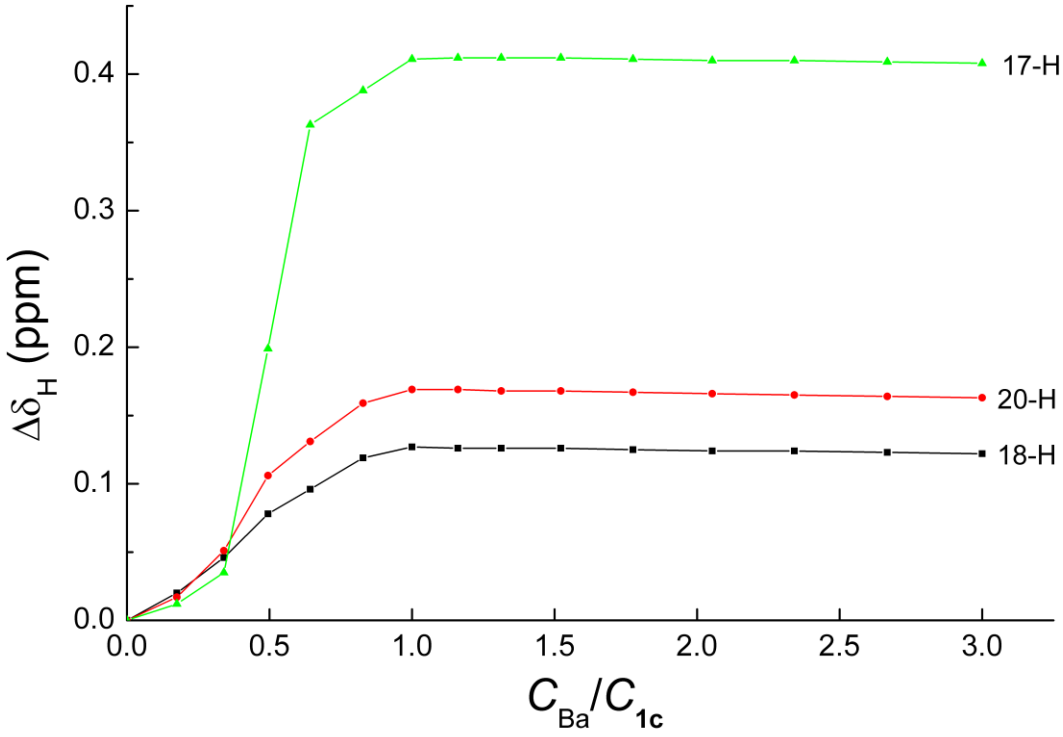

Figure S17. Values of $\Delta\delta_H$ = δ_H(**1c**/$Ba(ClO_4)_2$ mixture) – δ_H(free **1c**) for some protons of compound **1c** as a function of the $Ba(ClO_4)_2$/**1c** concentration ratio, MeCN-d_3, 25 °C.