Supporting Information for

Pierreiones A – D, Solid Tumor Selective Pyranoisoflavones and Other Cytotoxic Constituents from *Antheroporum pierrei*

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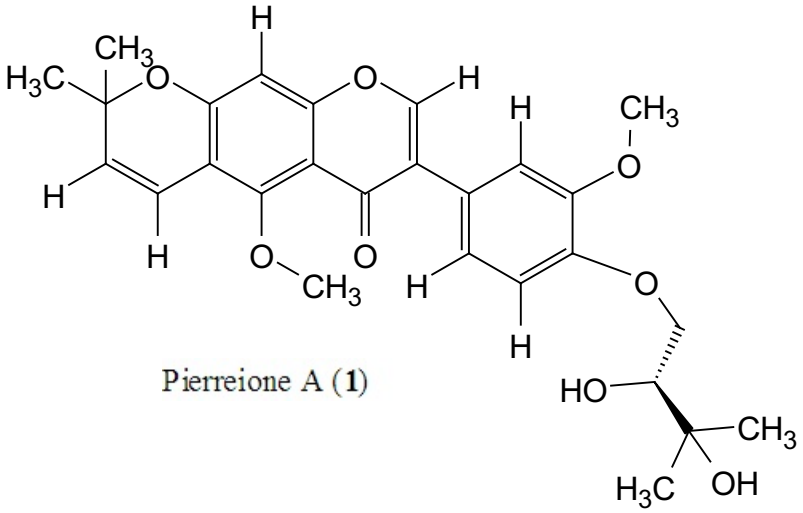
Figure S1. ^{1}H NMR Spectrum (500 MHz) of Pierreione A (**1**) in $CDCl_3$



Pierreione A (**1**)

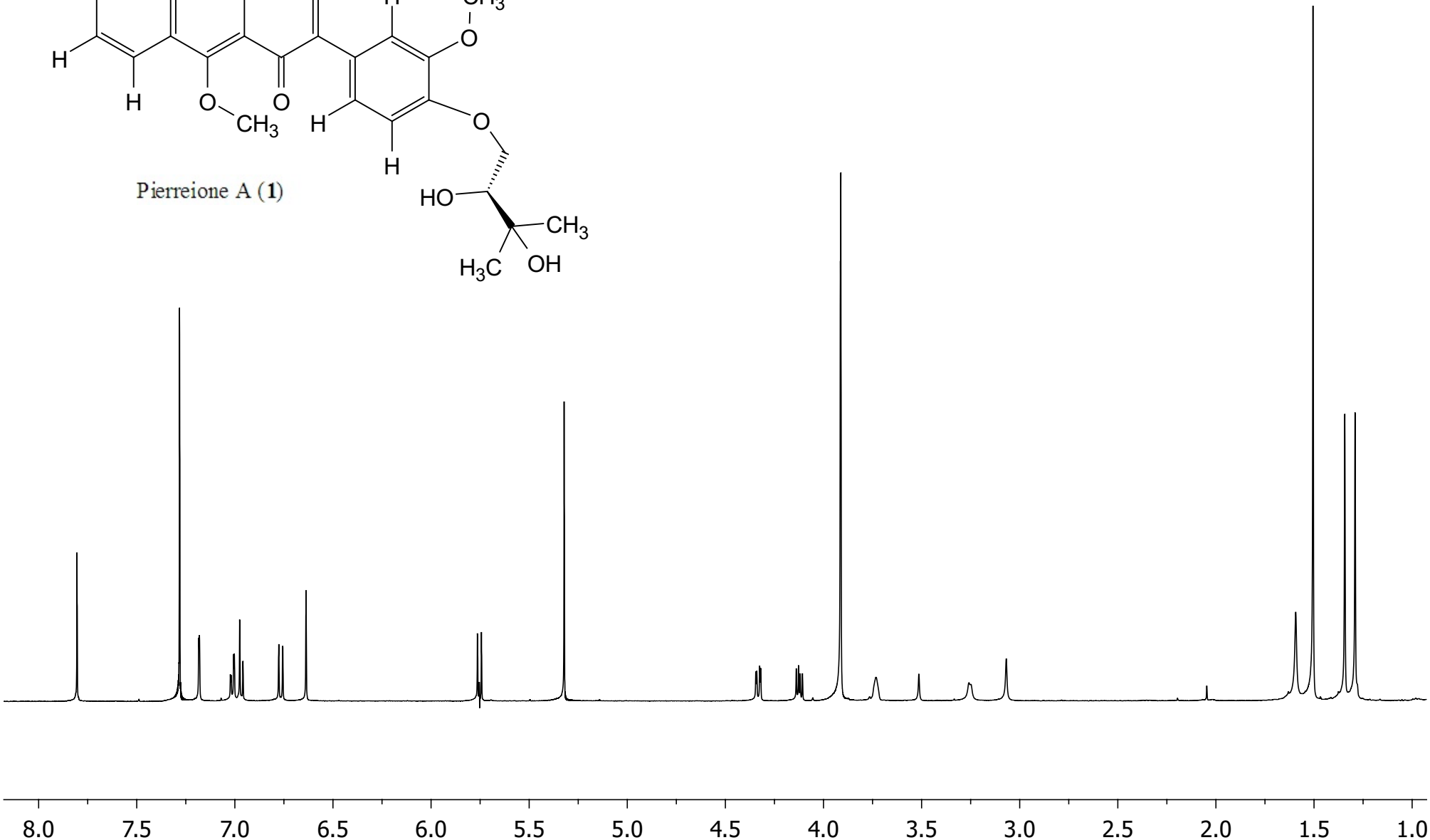


Figure S2. ^{13}C NMR Spectrum (125 MHz) of Pierreione A (**1**) in $CDCl_3$

Pierreione A (**1**)

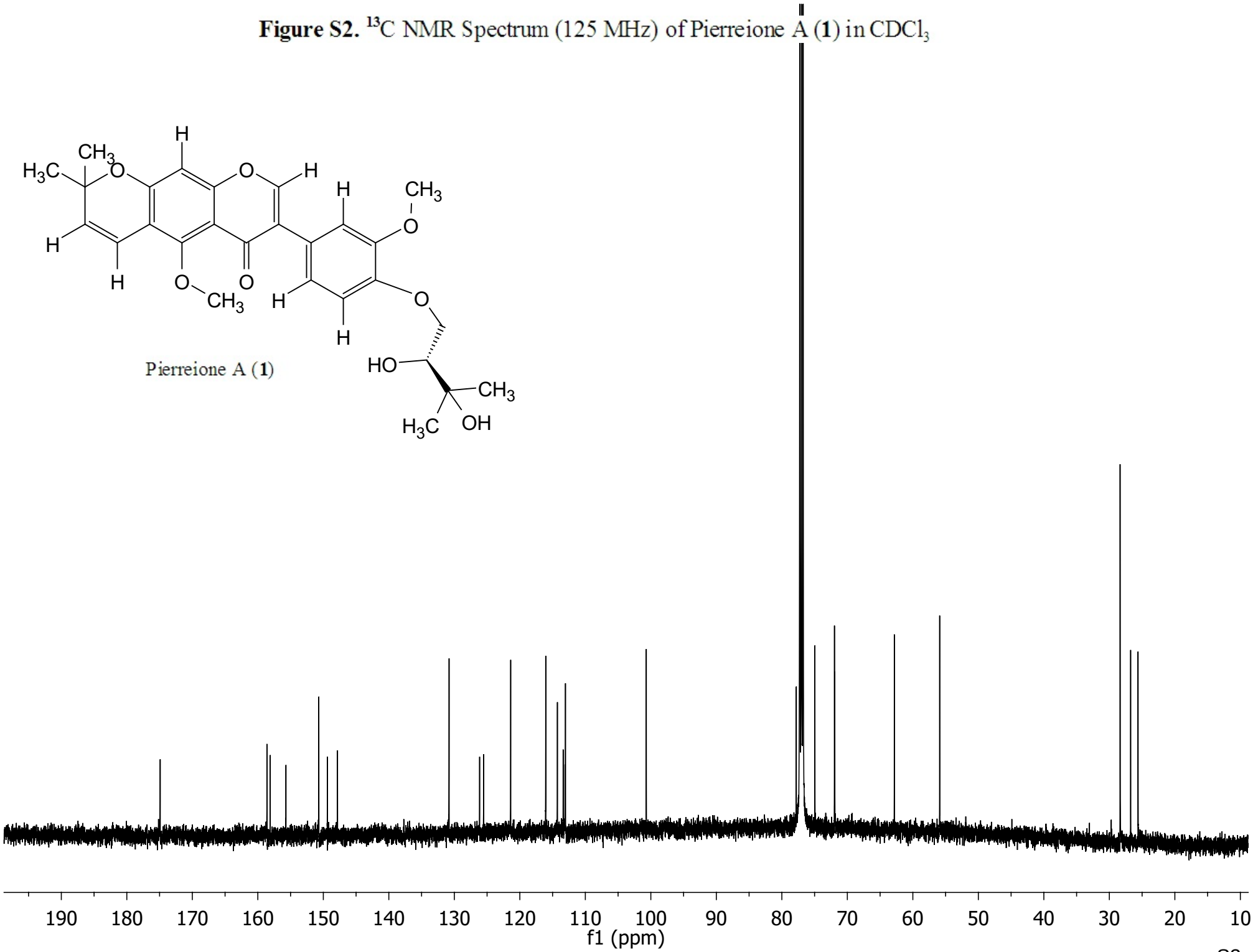
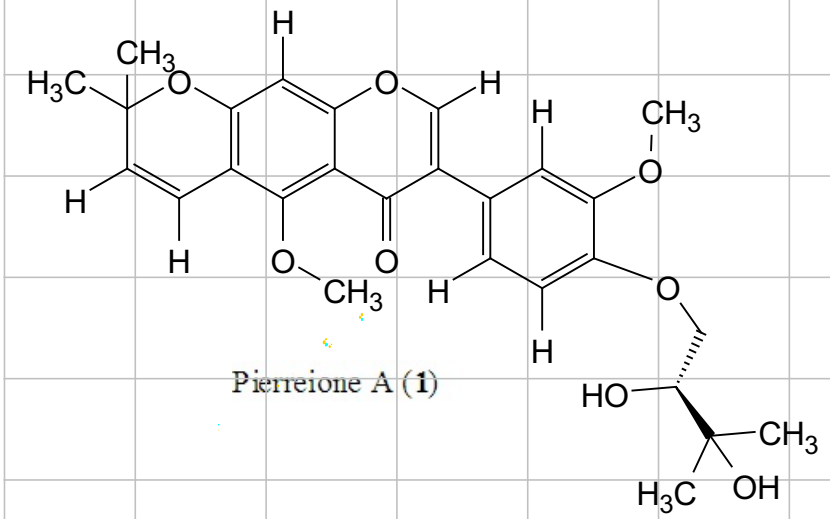
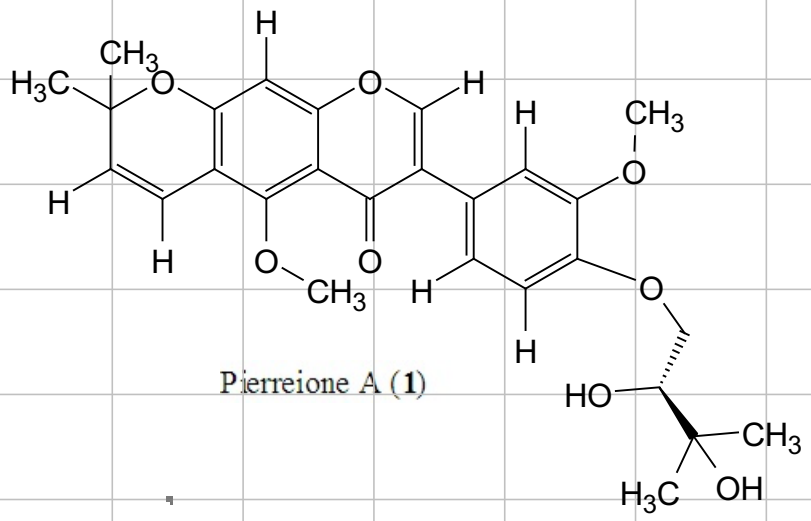


Figure S3. COSY Spectra (500 MHz) of Pierreione A (**1**) in $CDCl_3$



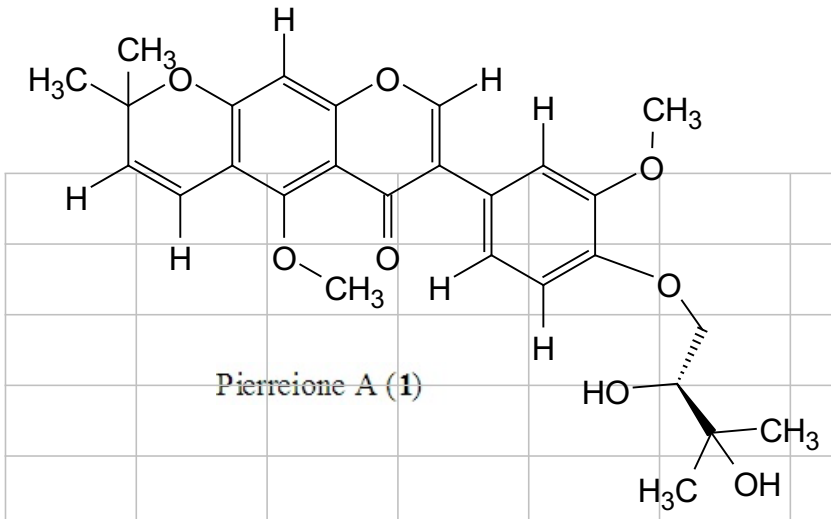
Pierreione A (**1**)

Figure S4. HSQC Spectra (500 MHz) of Pierreione A (**1**) in $CDCl_3$



Pierreione A (**1**)

Figure S5. HMBC Spectra (500 MHz) of Pierreione A (**1**) in $CDCl_3$



Pierreione A (**1**)

Figure S6. ^{1}H NMR Spectrum (500 MHz) of Pierreione B (2) in $CDCl_3$

Pierreione B (2)

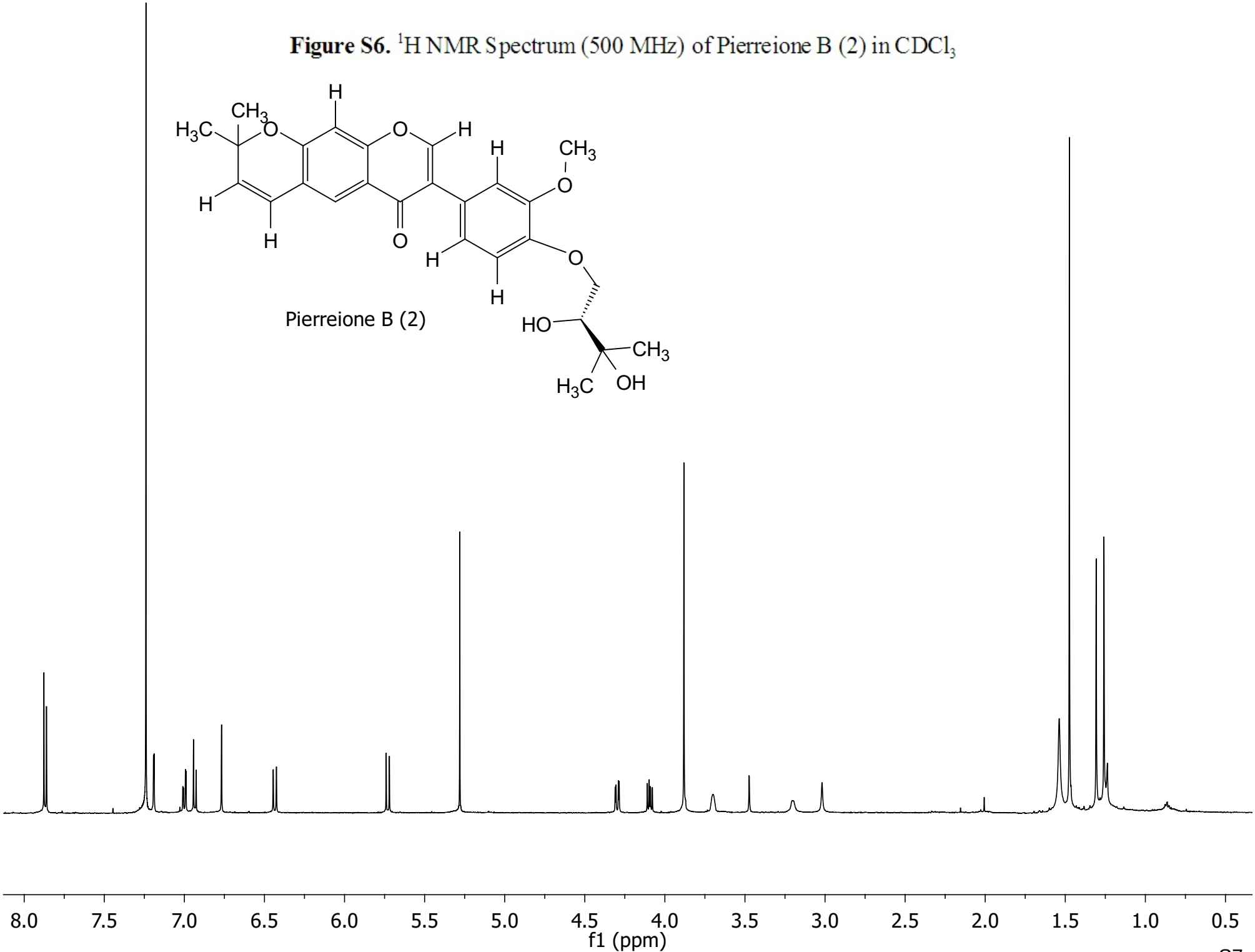


Figure S7. ^{13}C NMR Spectrum (125 MHz) of Pierreione B (2) in $CDCl_3$

Pierreione B (2)

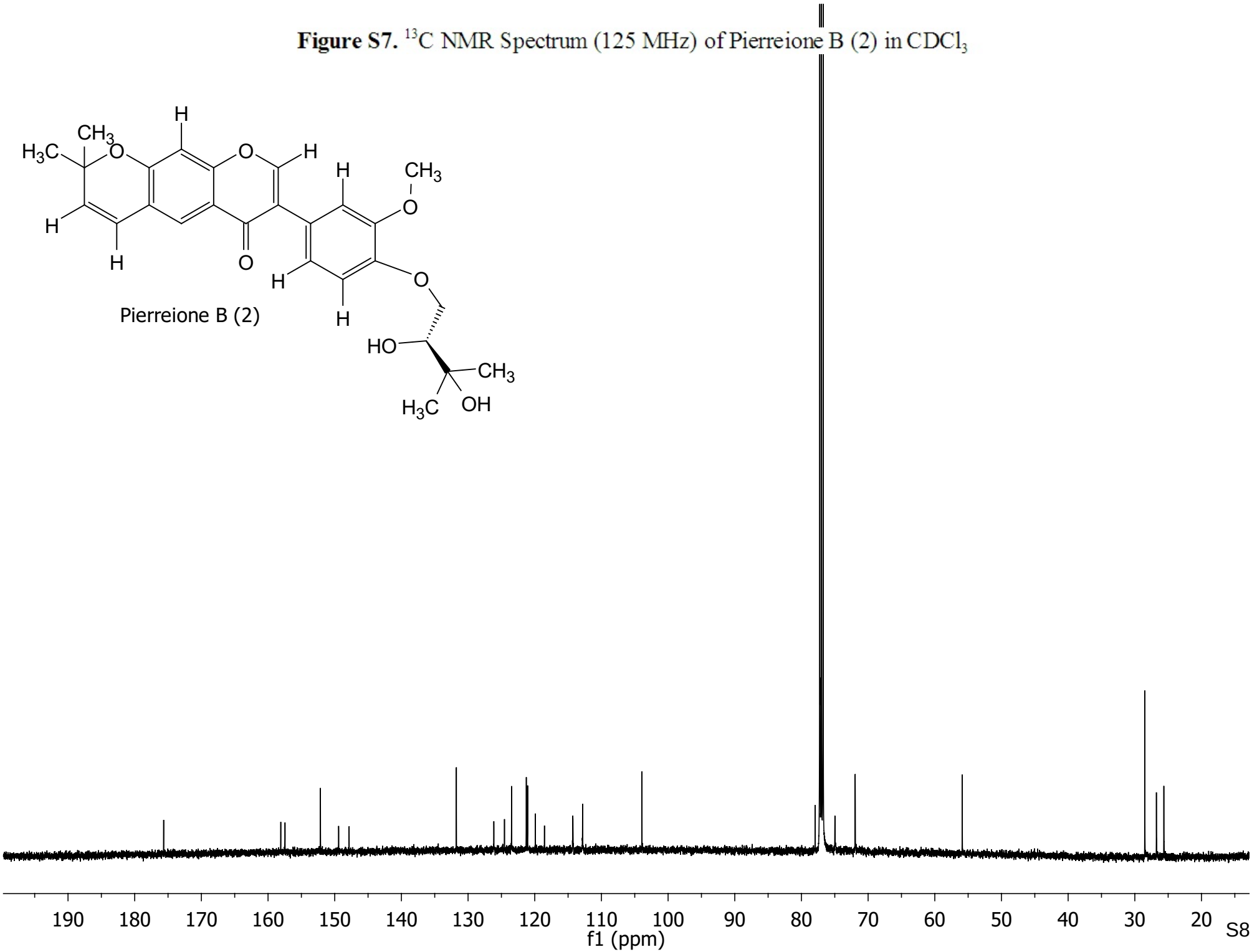


Figure S8. ^{1}H NMR Spectrum (400 MHz) of Pierreione C (3) in $CDCl_3$

Pierreione C (3)

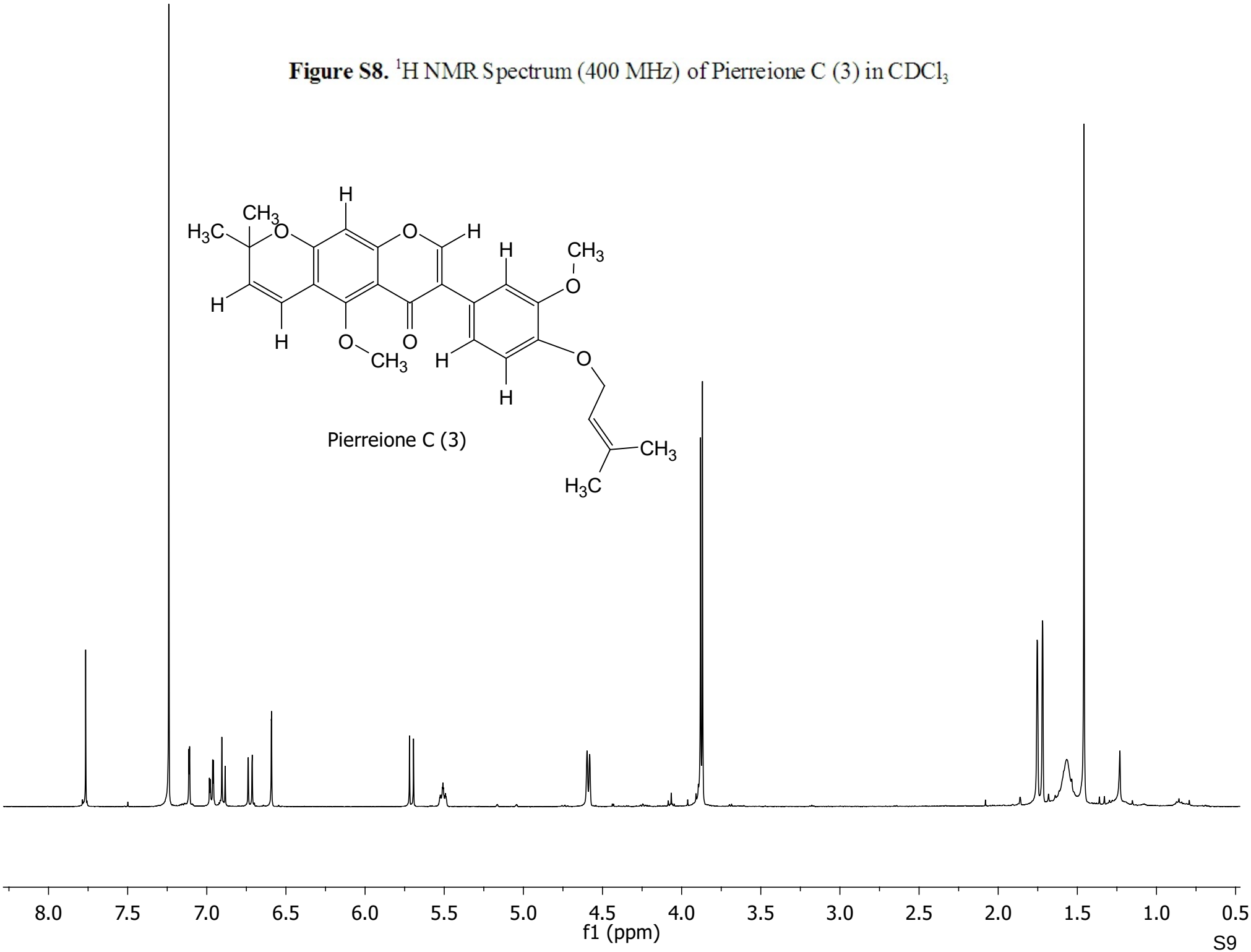


Figure S9. ^{13}C NMR Spectrum (100 MHz) of Pierreione C (3) in $CDCl_3$

Pierreione C (3)

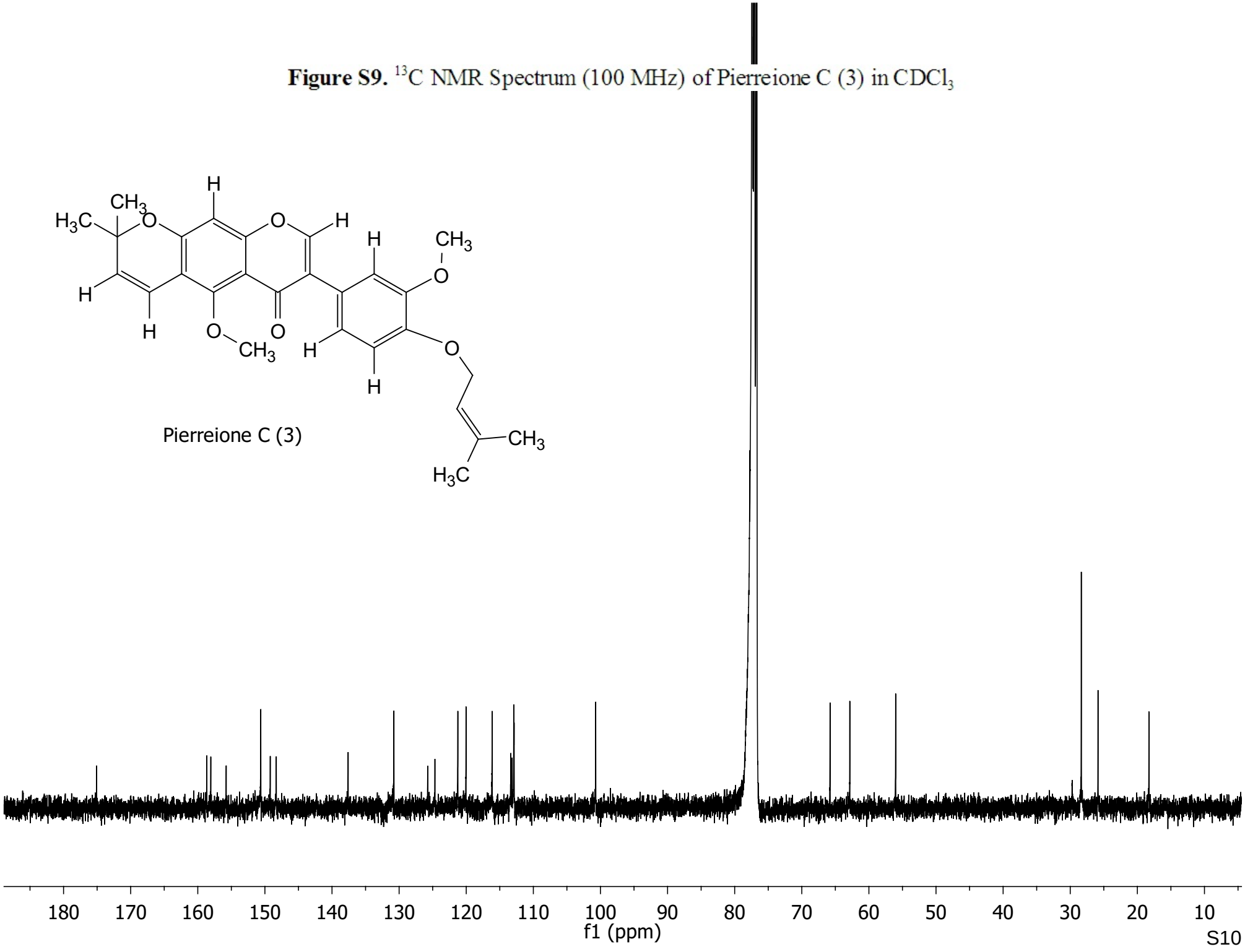


Figure S10. ^{1}H NMR Spectrum (400 MHz) of Pierreione D (4) in $CDCl_3$

Pierreione D (4)

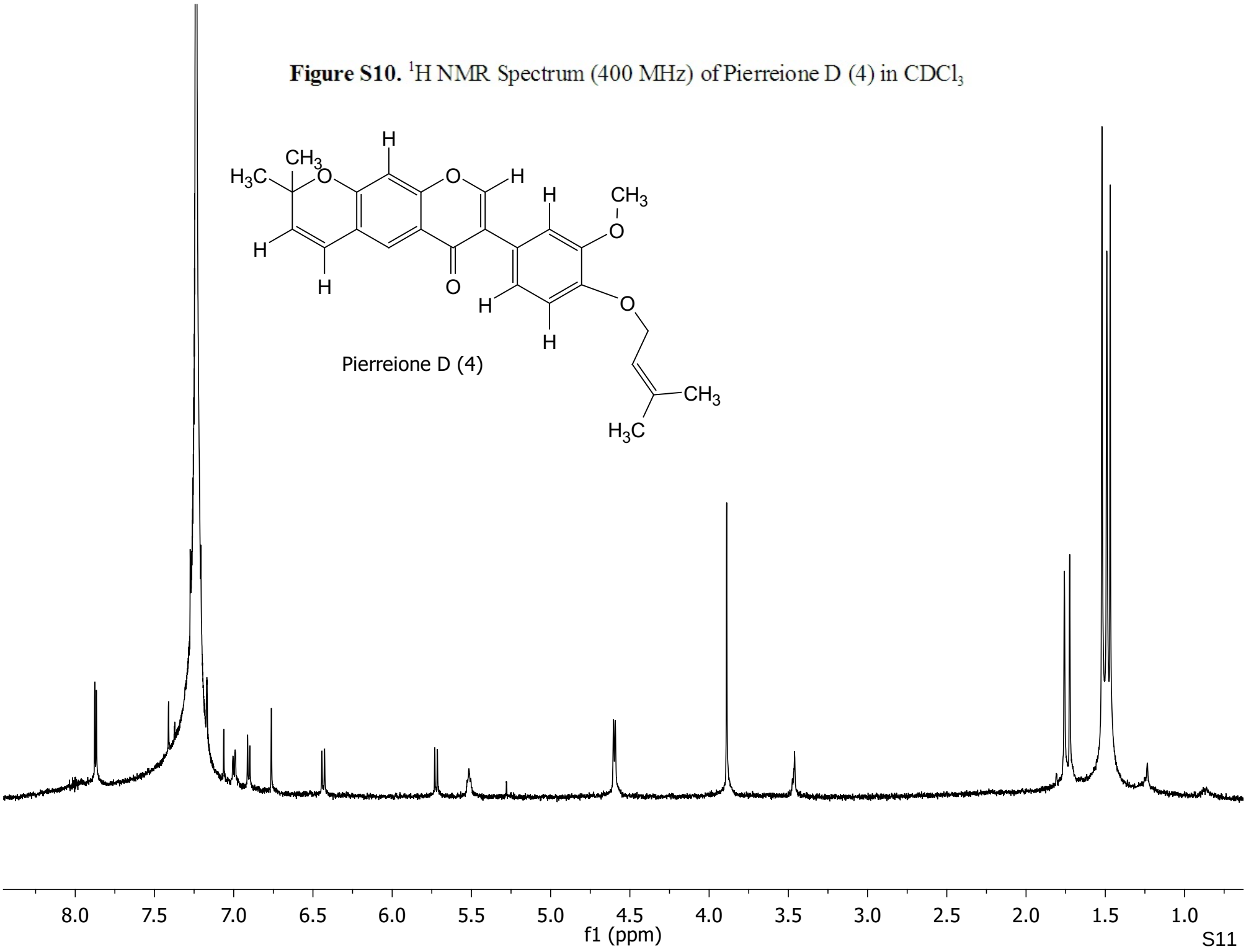


Figure S11. ^{1}H NMR Spectrum (600 MHz) of Rotenone (5) in $CDCl_3$

Rotenone (5)

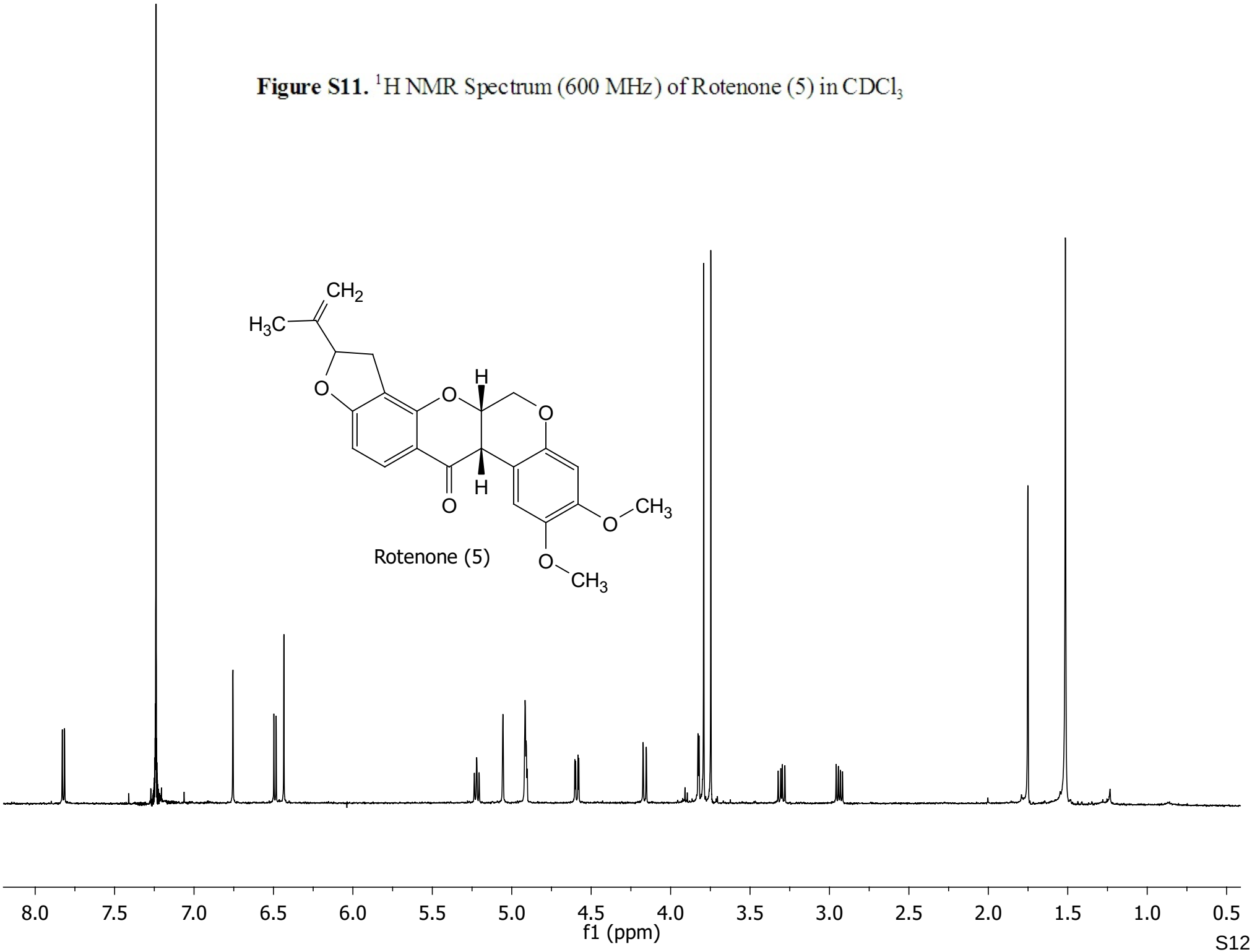


Figure S12. ^{1}H NMR Spectrum (500 MHz) of 12a-Hydroxyrotenone (6) in $CDCl_3$

12a-Hydroxyrotenone (6)

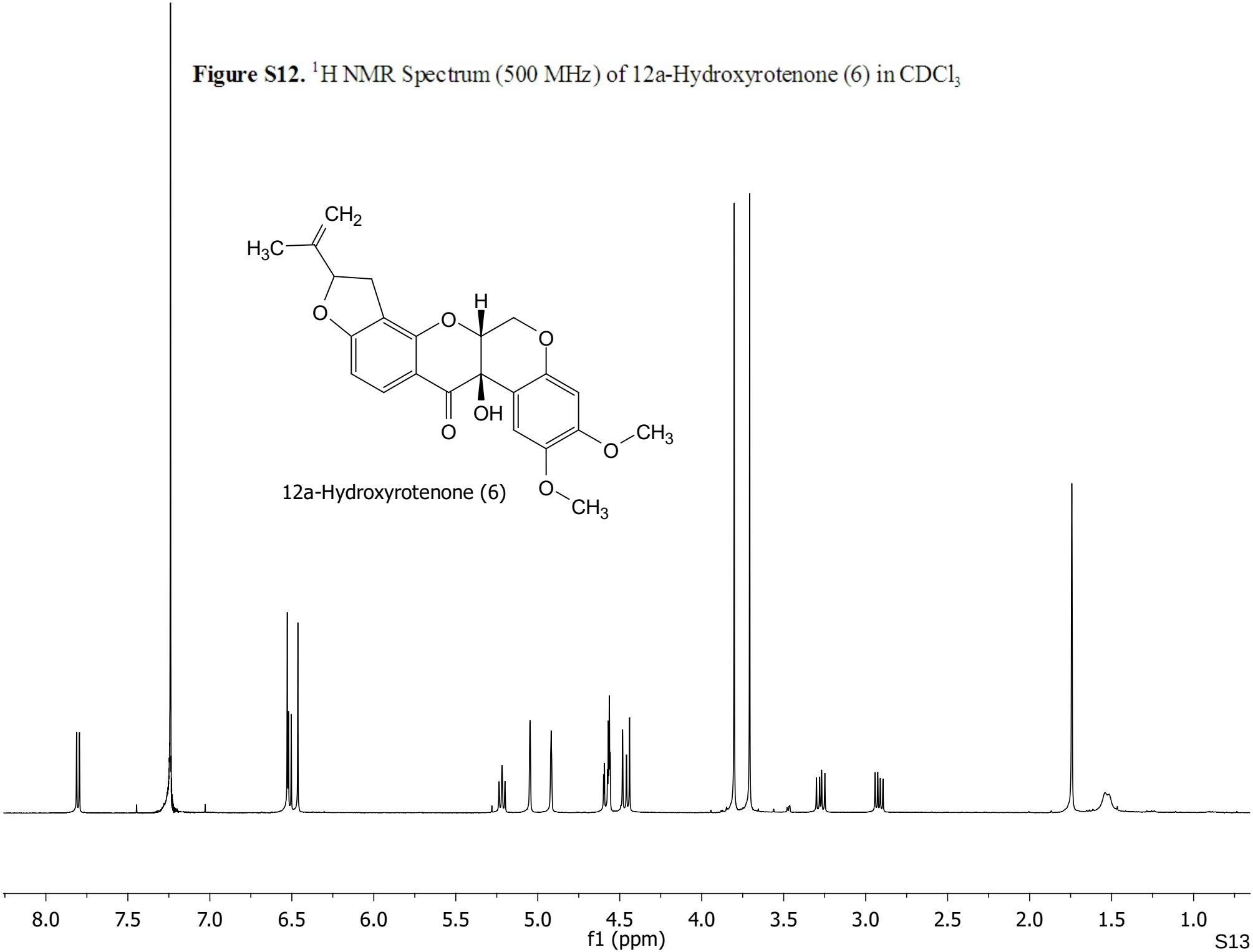
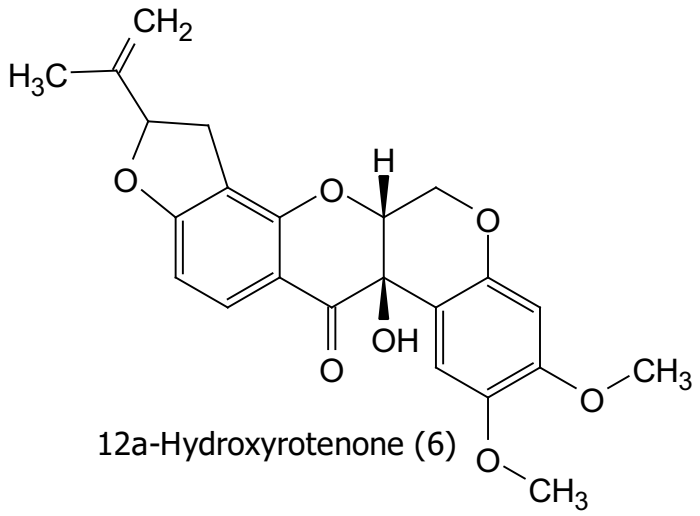


Figure S13. ^{13}C NMR Spectrum (125 MHz) of 12a-Hydroxyrotenone (6) in $CDCl_3$



12a-Hydroxyrotenone (6)

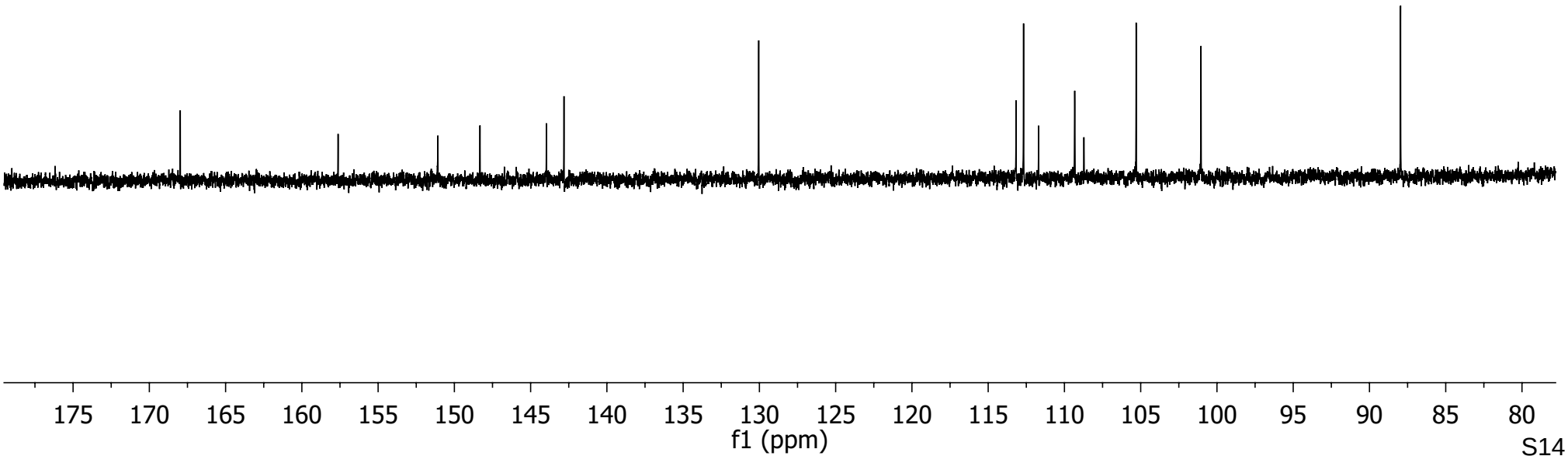


Figure S14. ^{1}H NMR Spectrum (500 MHz) of Tephrosin (7) in $CDCl_3$

Tephrosin (7)

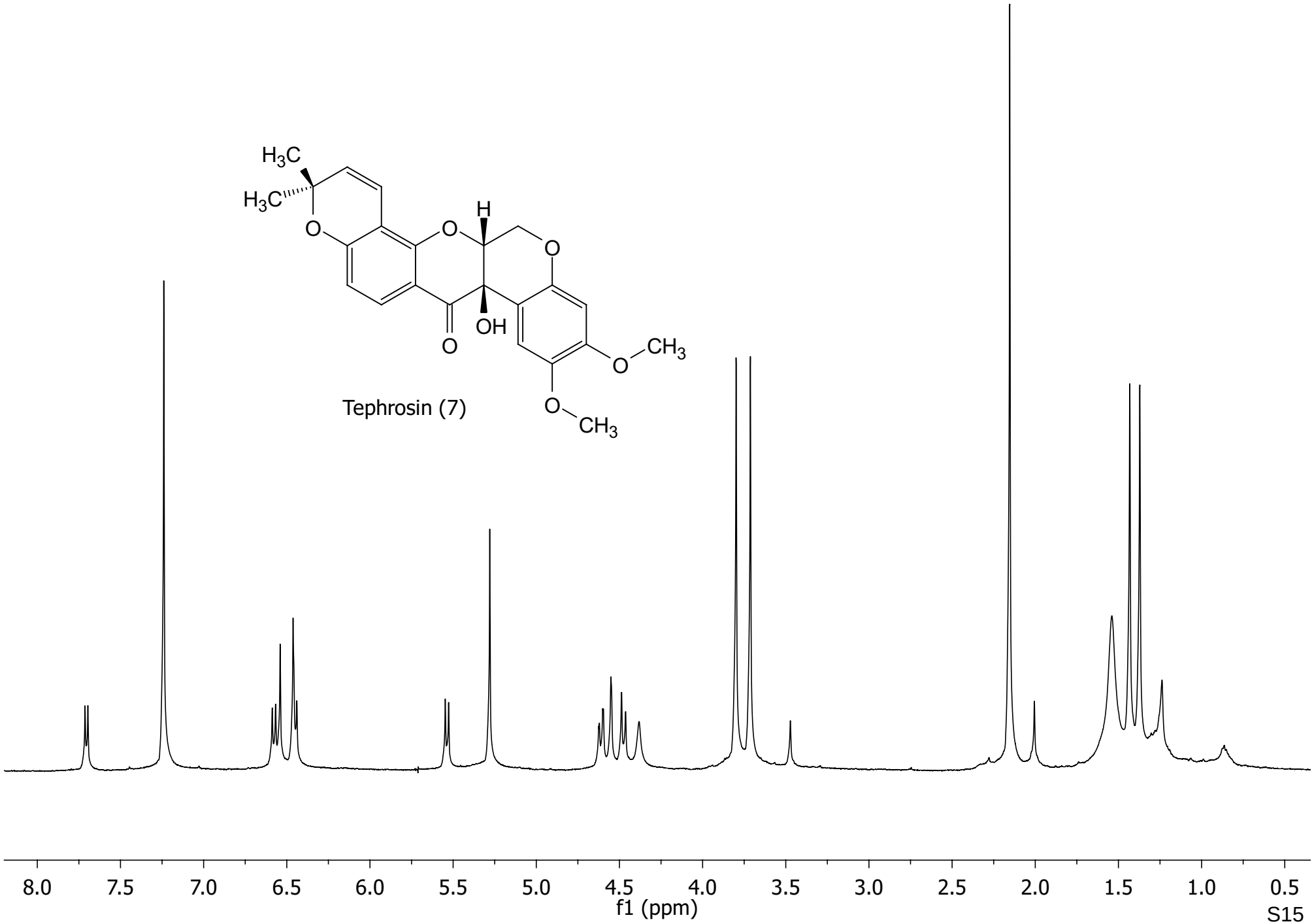


Figure S15. ^{1}H NMR Spectrum (600 MHz) of (S)-MTPA Ester of Pierreione A (8a) in Py-d_5

(S)-MTPA Ester of Pierreione A (8a)

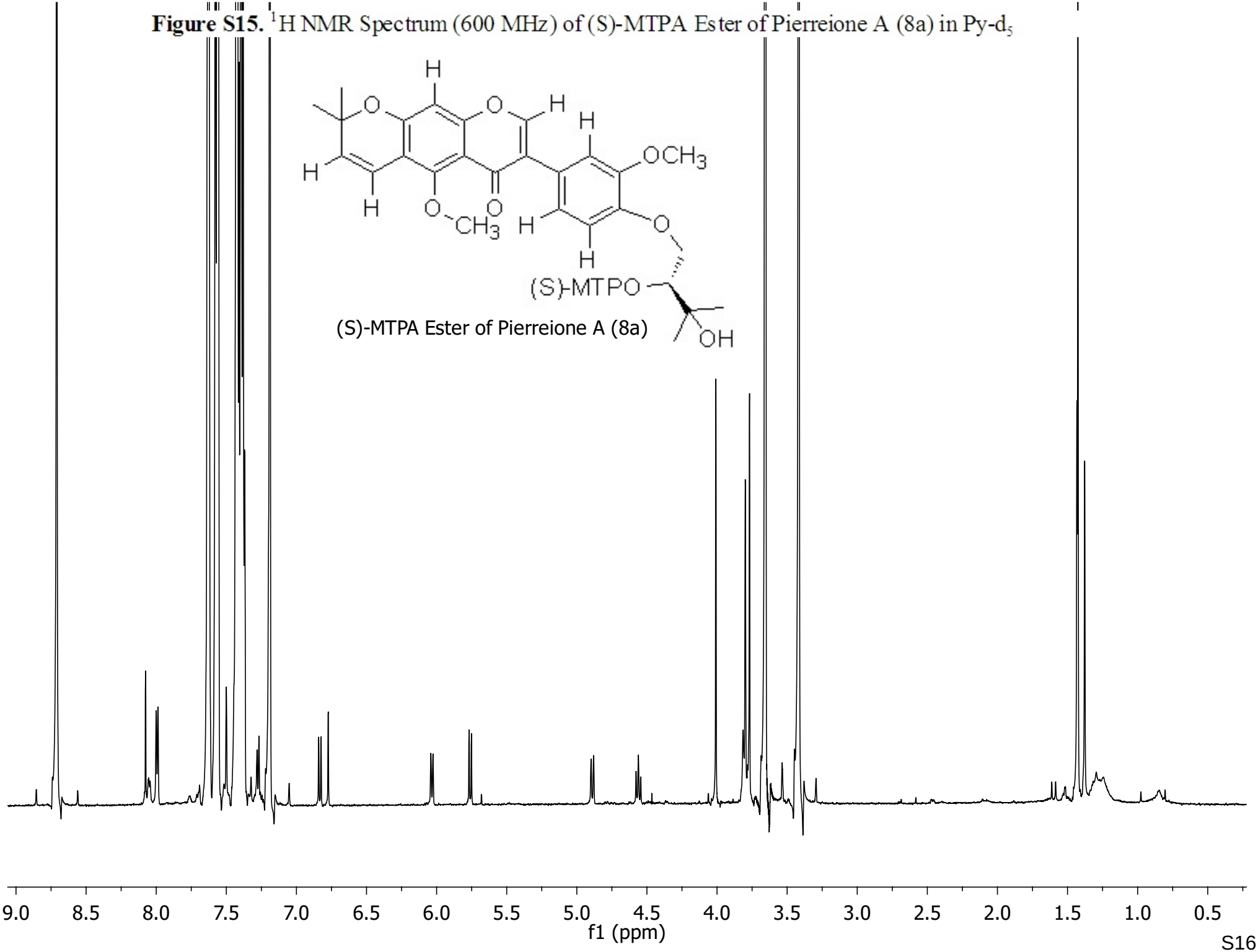
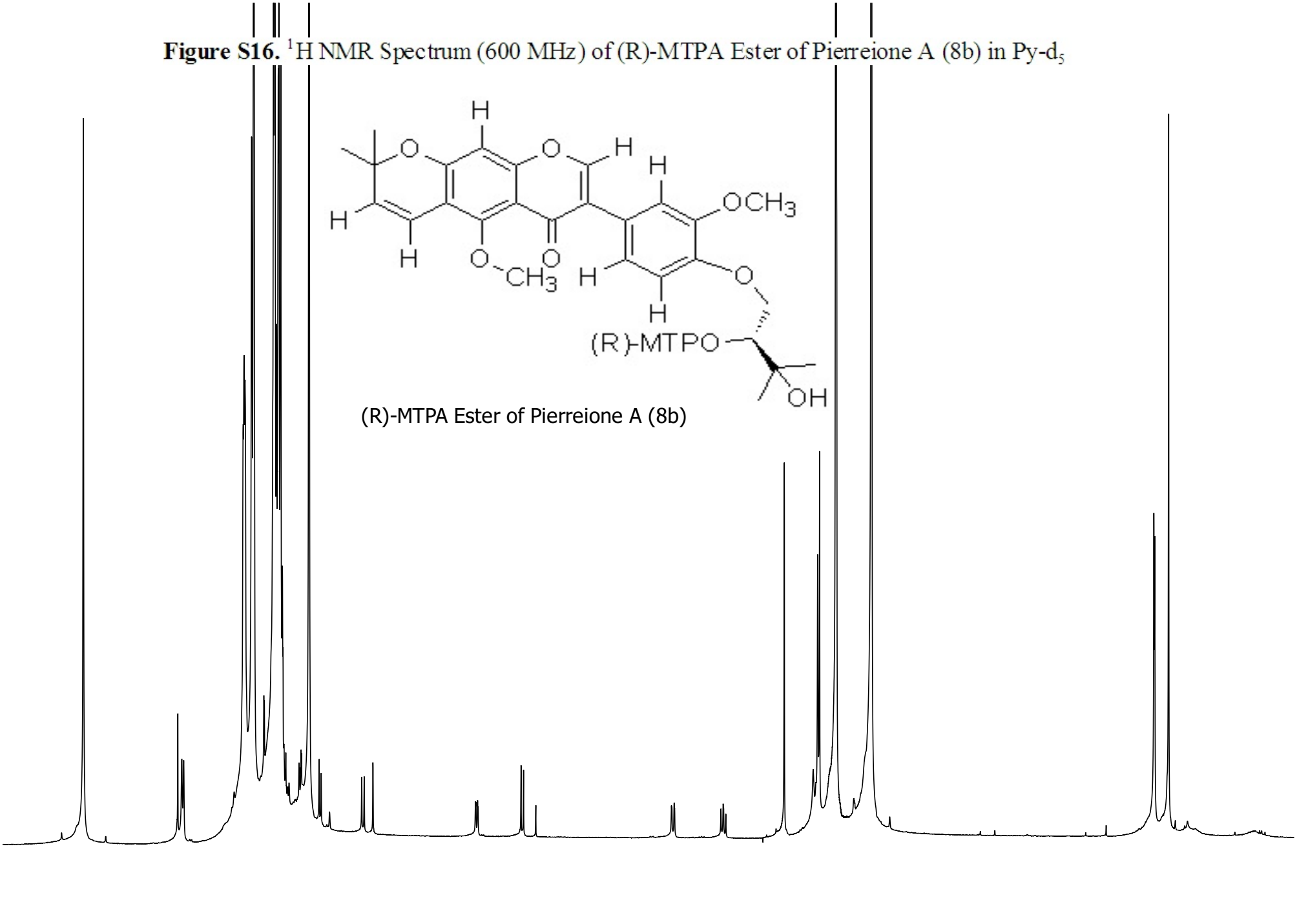


Figure S16. ^{1}H NMR Spectrum (600 MHz) of (R)-MTPA Ester of Pierreione A (8b) in Py-d_5

(R)-MTPA Ester of Pierreione A (8b)



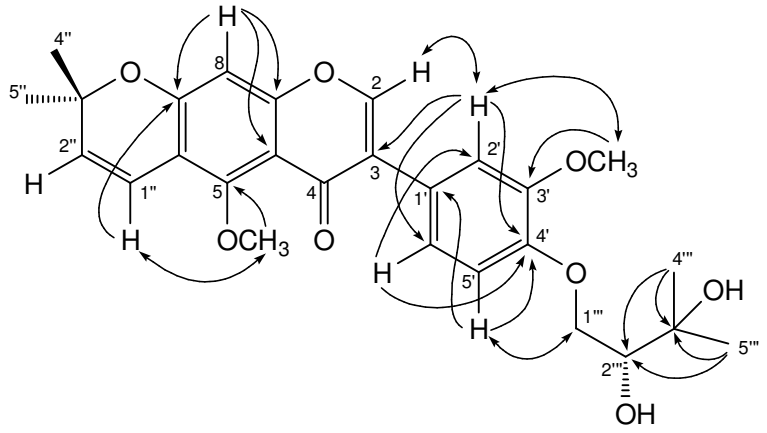


Figure S17. Key HMBC (H→C) and NOE (H↔H) correlations for **1**.

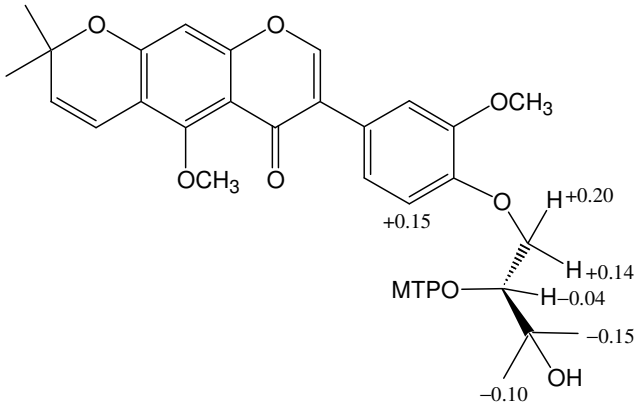


Figure S18. $\Delta\delta$ values [$\Delta\delta$ (in ppm) = $\delta_S - \delta_R$] obtained for (*S*)– and (*R*)–MTPA esters (**8a** and **8b**, respectively) of **1**.