

Figure S1:  $^1\text{H}$  NMR of compound 1 ( $\text{CDCl}_3$ )

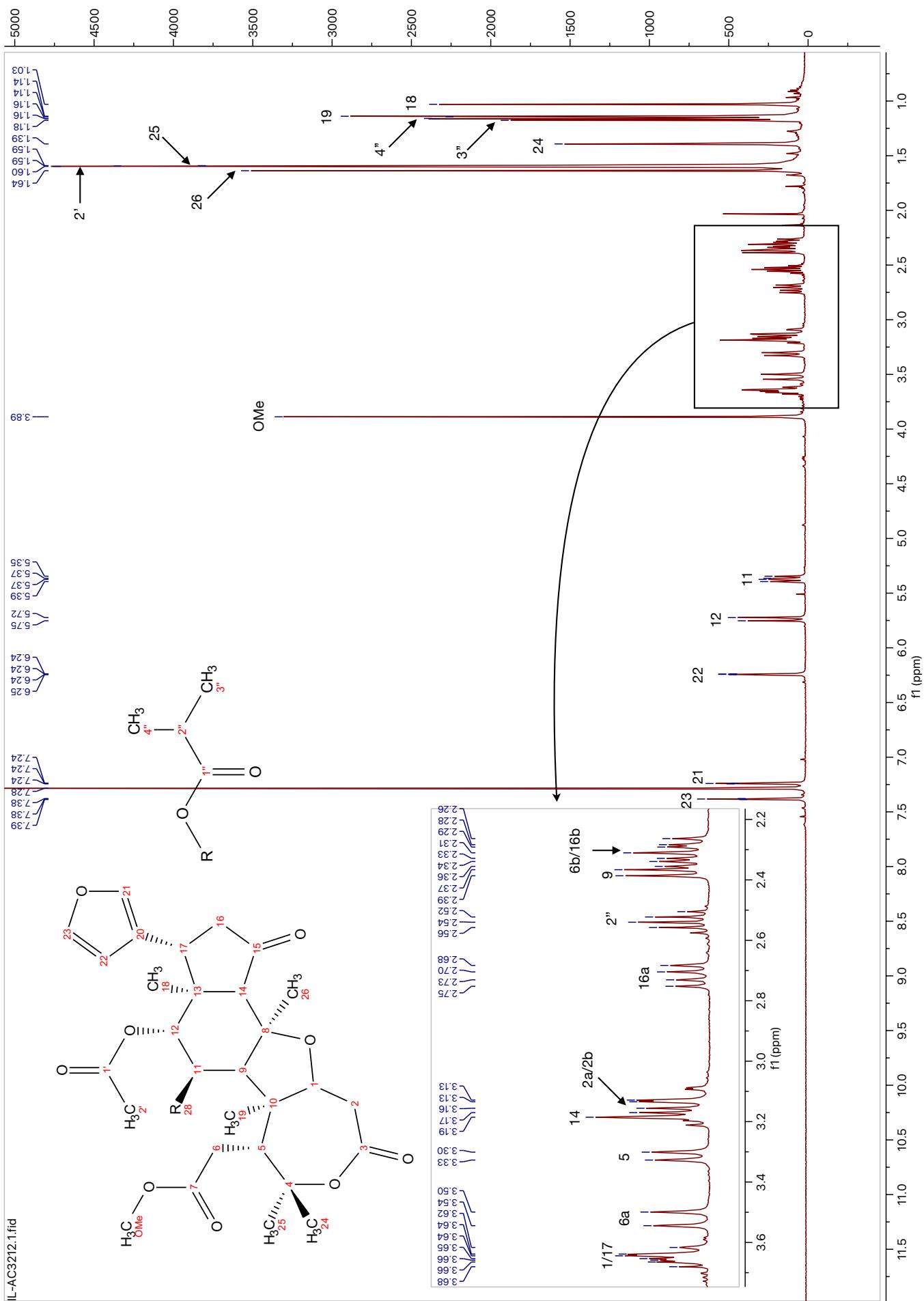


Figure S2:  $^{13}\text{C}$  NMR of compound 1 ( $\text{CDCl}_3$ )

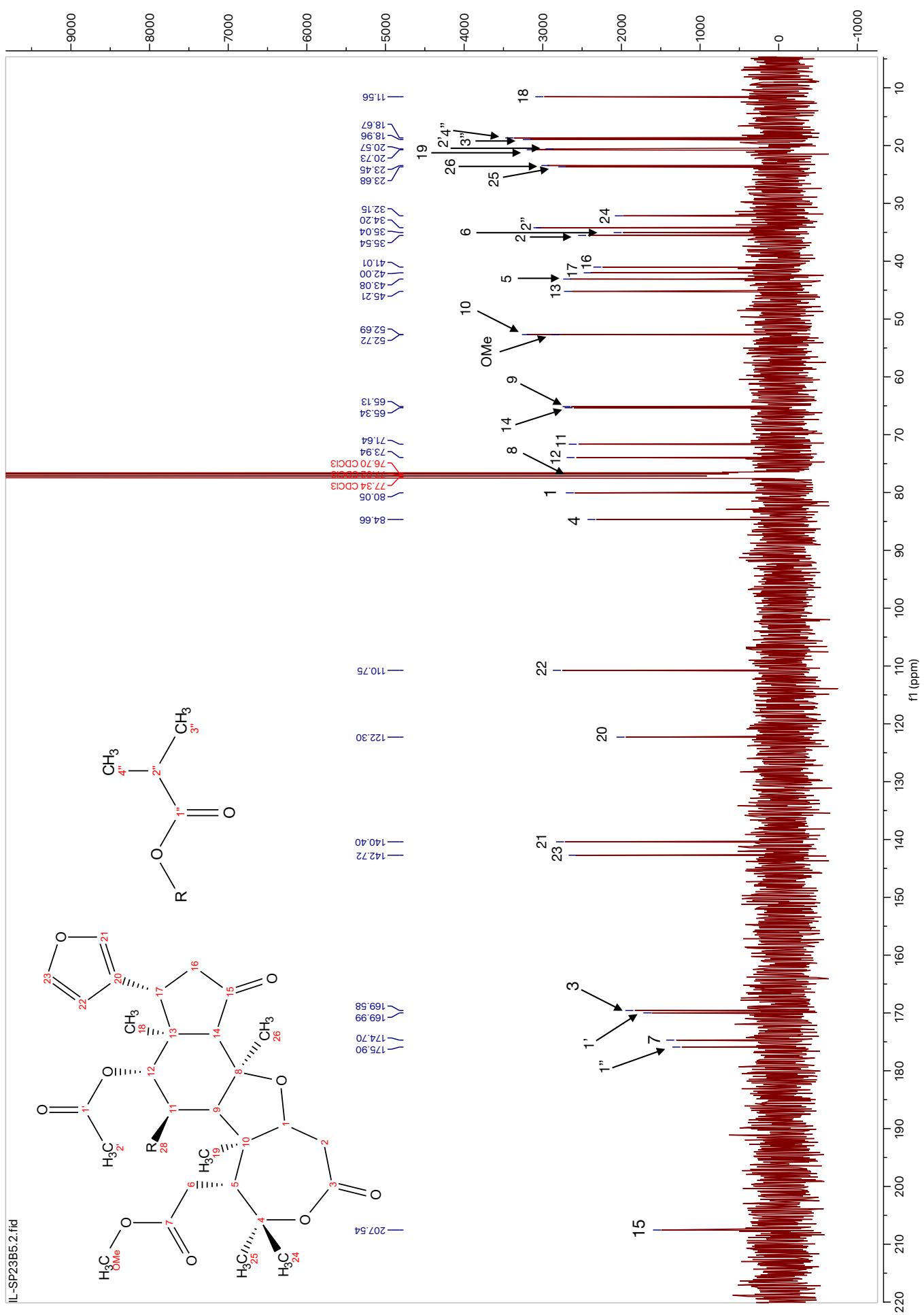


Figure S3: COSY experiment of compound 1 ( $\text{CDCl}_3$ )

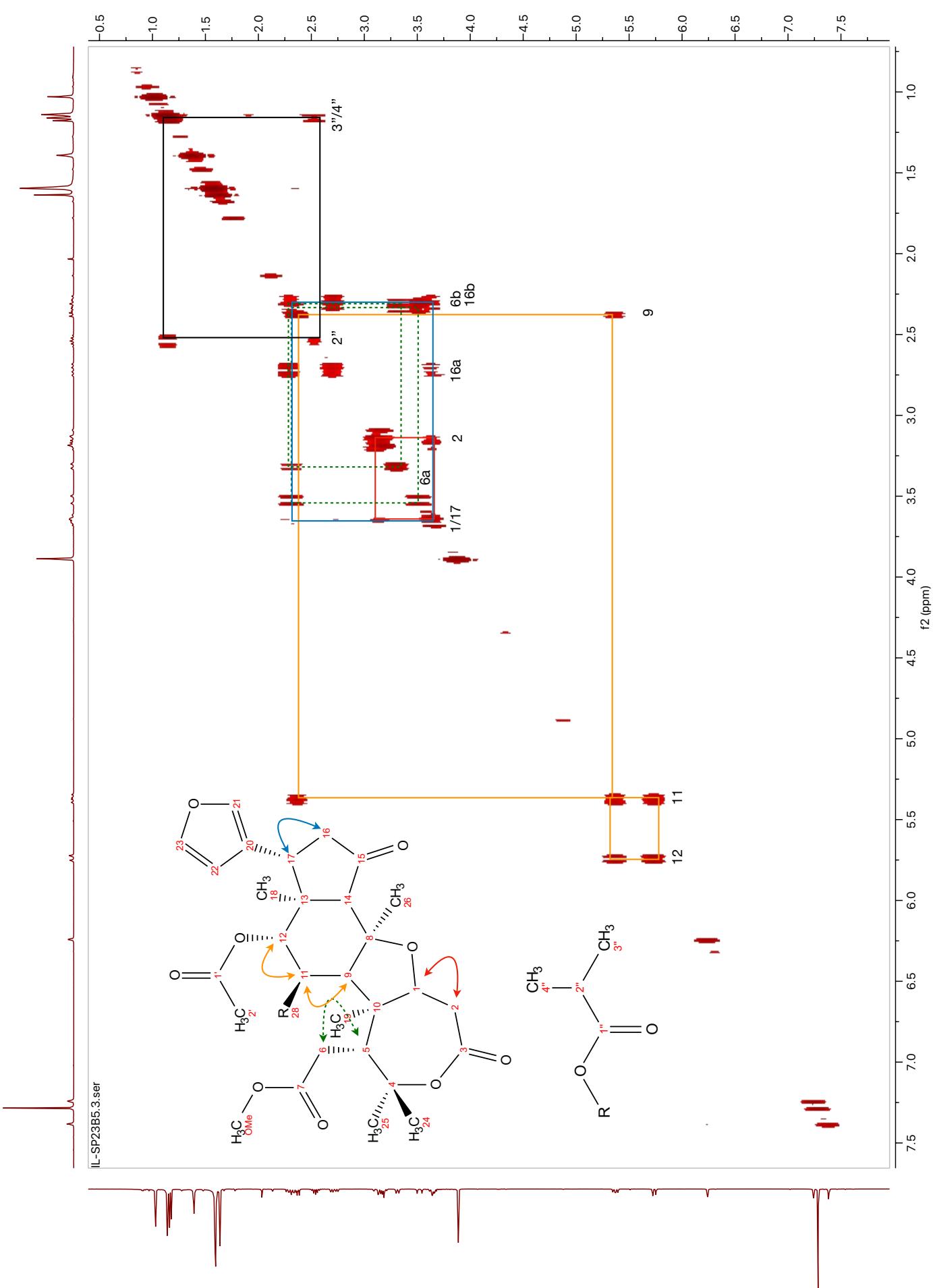


Figure S4: HMQC experiment of compound 1 ( $\text{CDCl}_3$ )<sub>3</sub>

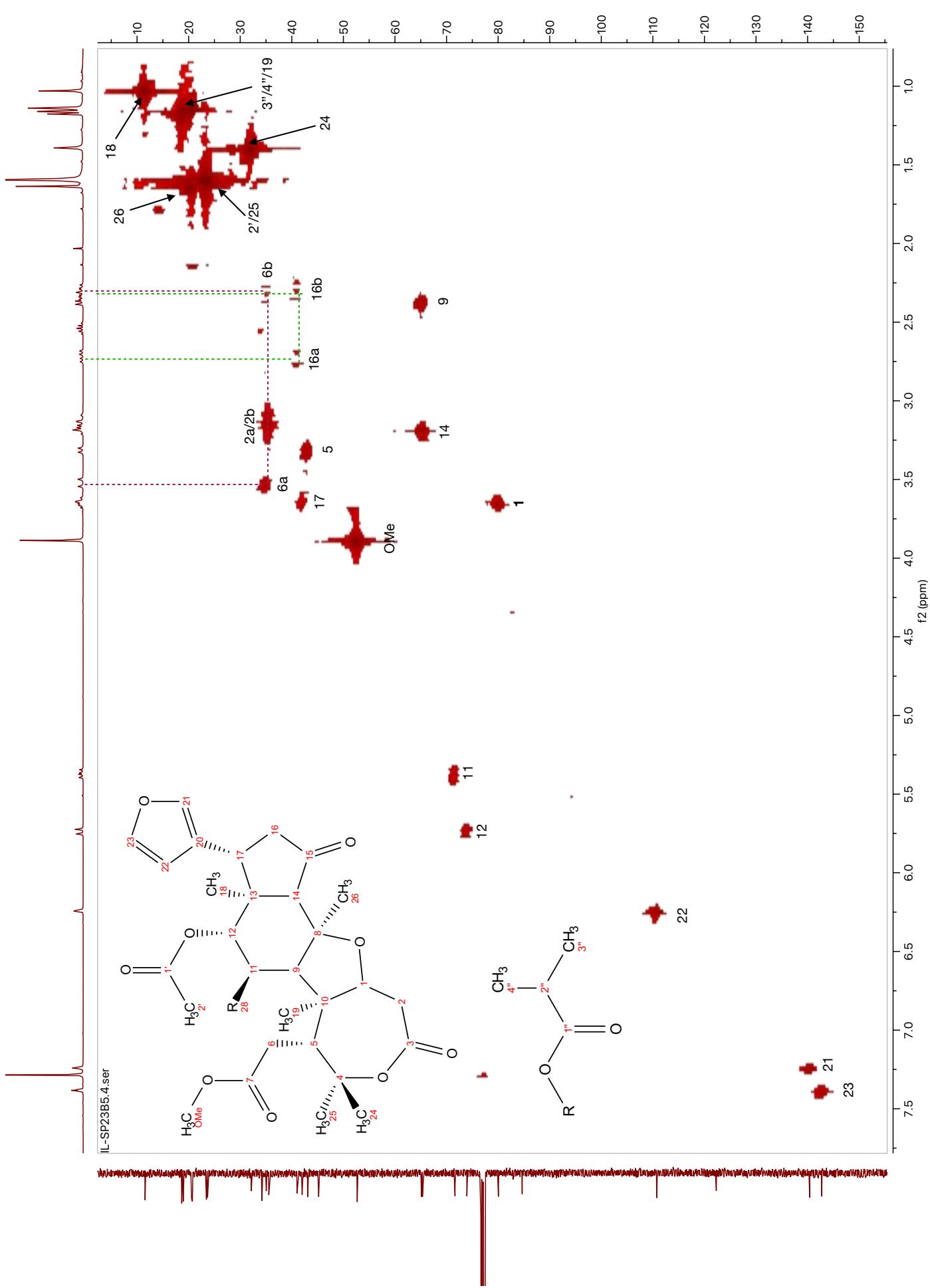


Figure S5: HMBC experiment of compound 1 ( $\text{CDCl}_3$ )

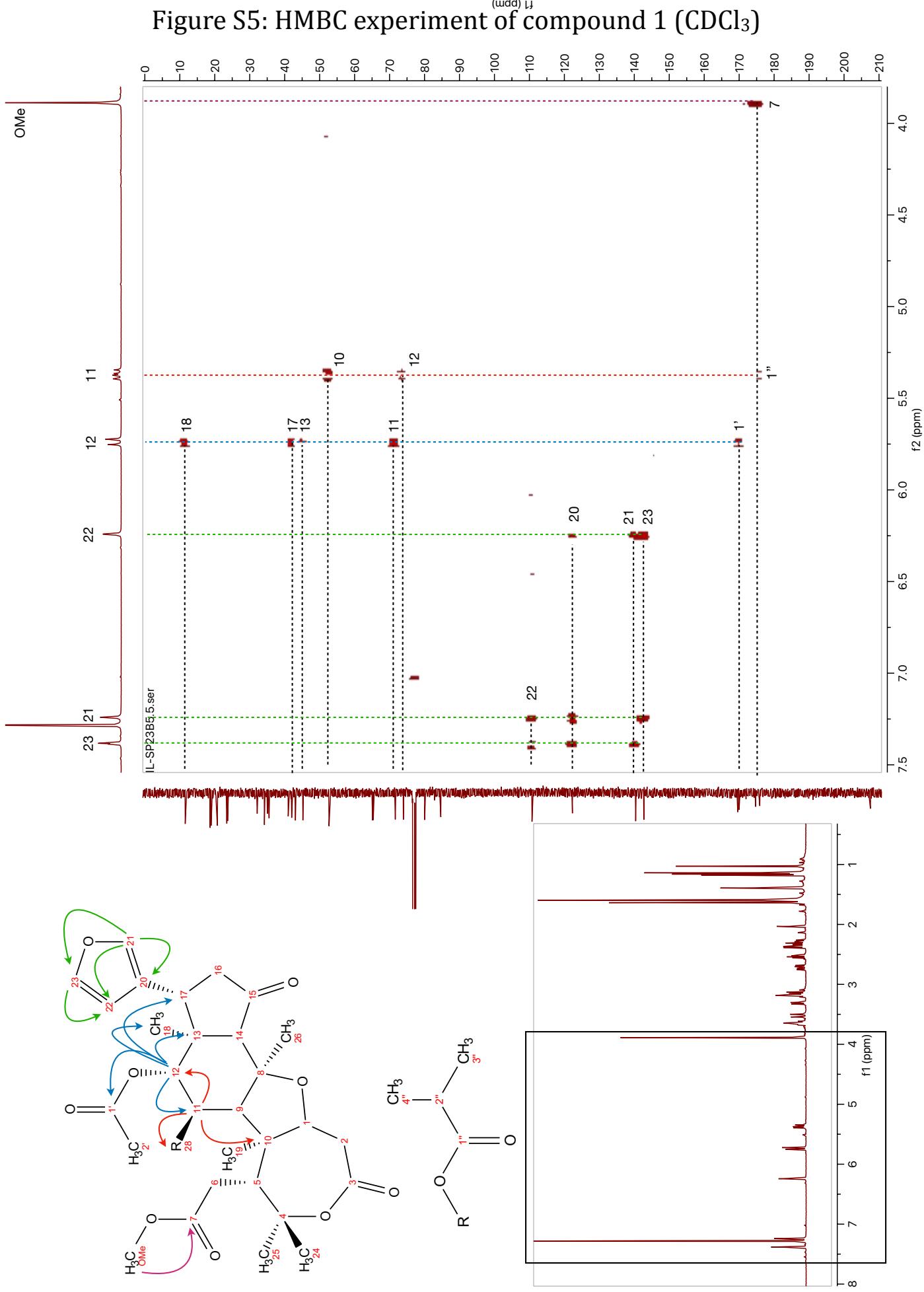


Figure S6: HMBC experiment of compound 1 ( $\text{CDCl}_3$ )

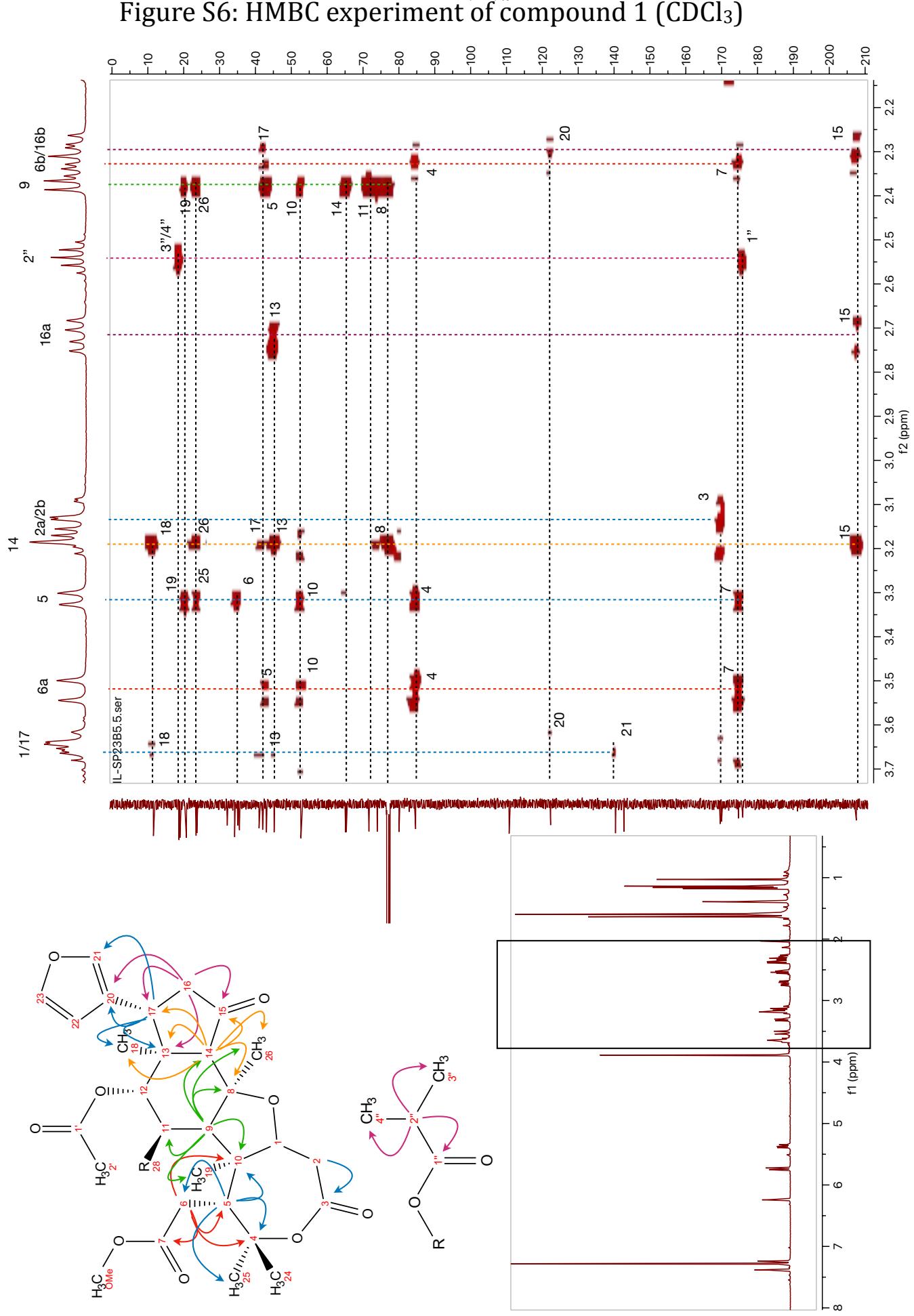


Figure S7: HMBC experiment of compound 1 ( $\text{CDCl}_3$ )

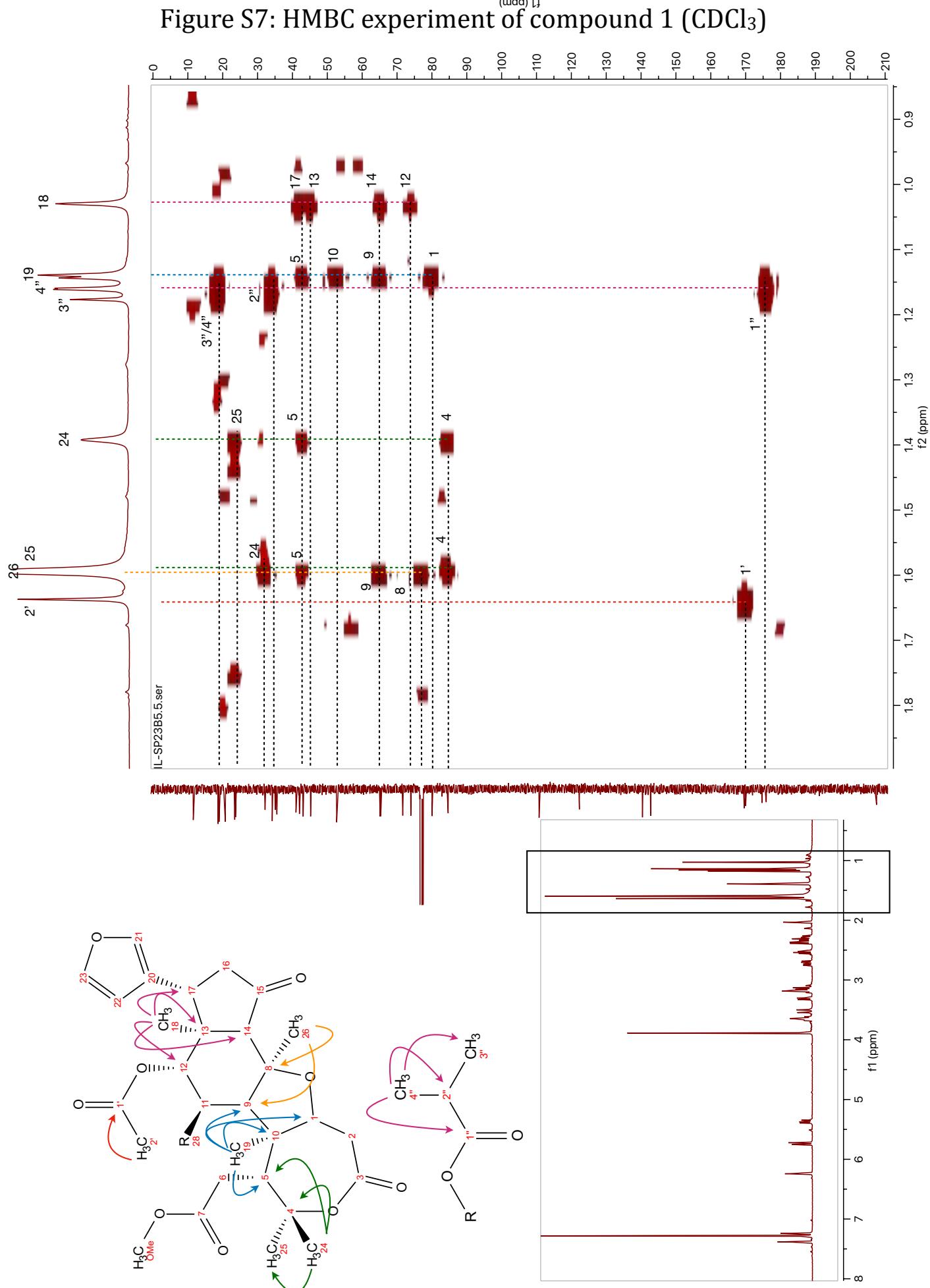


Figure S8: NOESY experiment of compound 1 ( $\text{CDCl}_3$ )

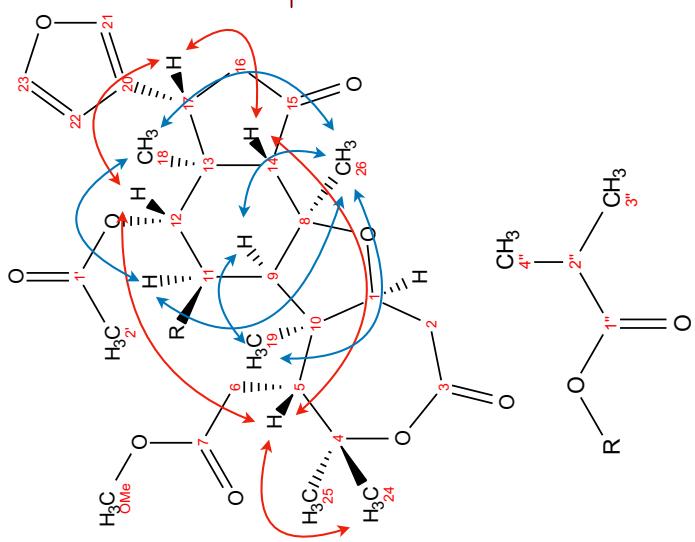
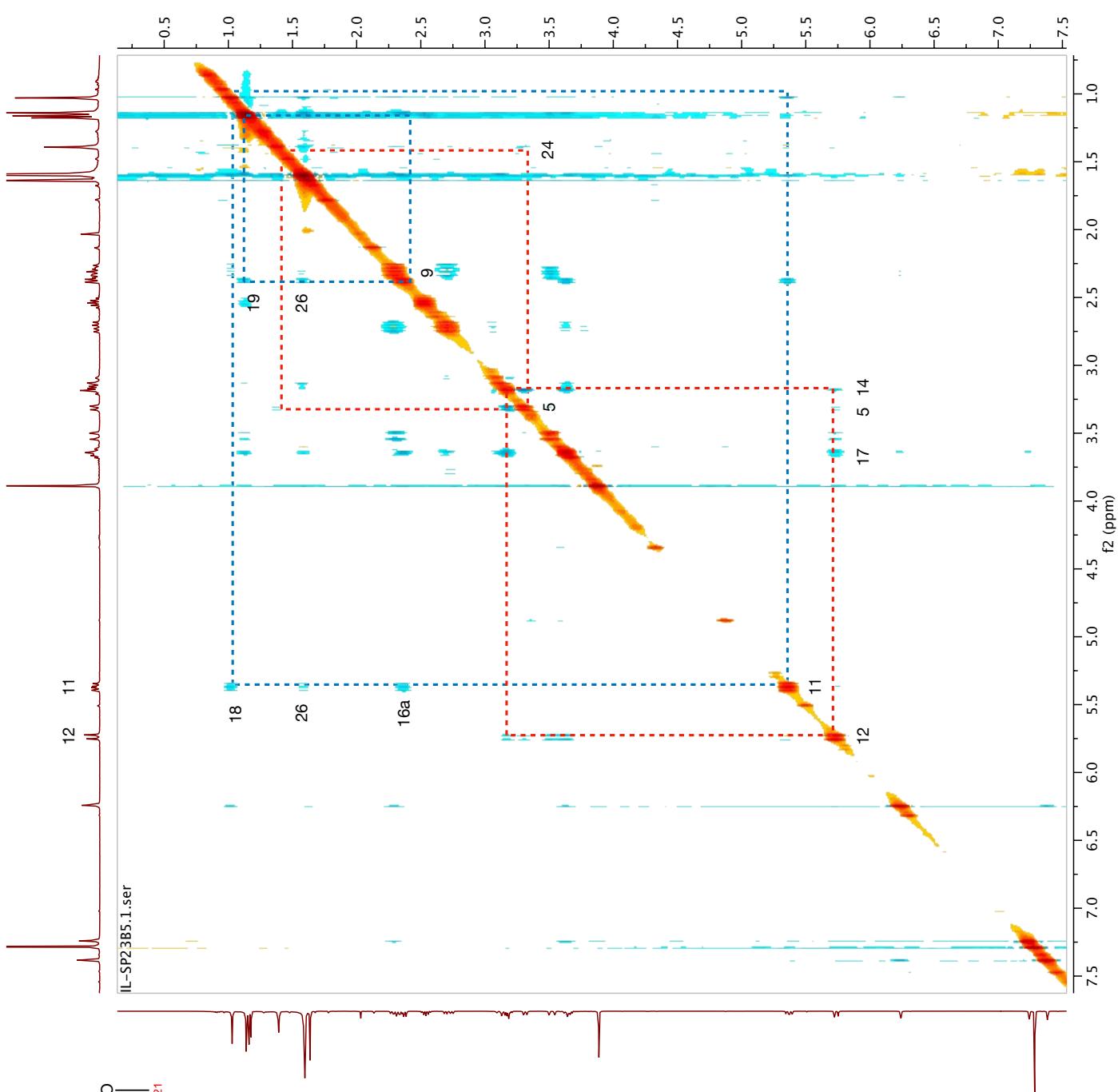


Figure S9: HRMS and IR spectra of compound 1

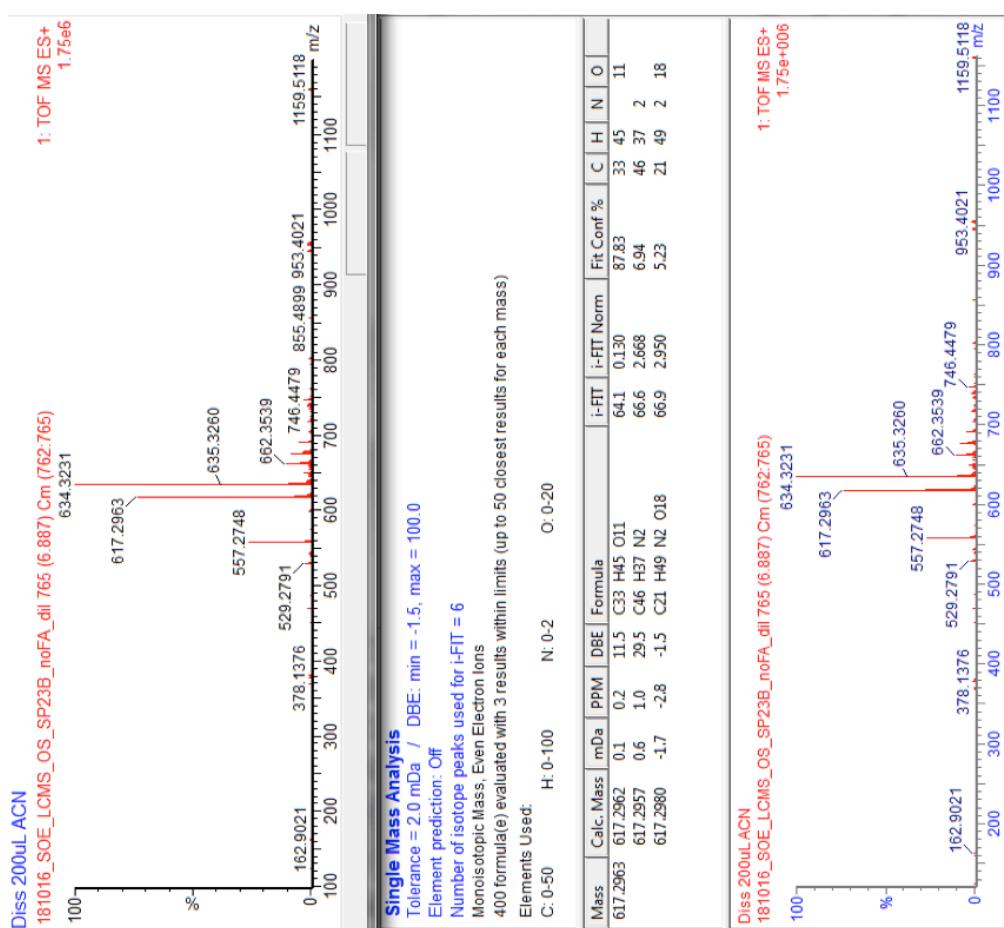
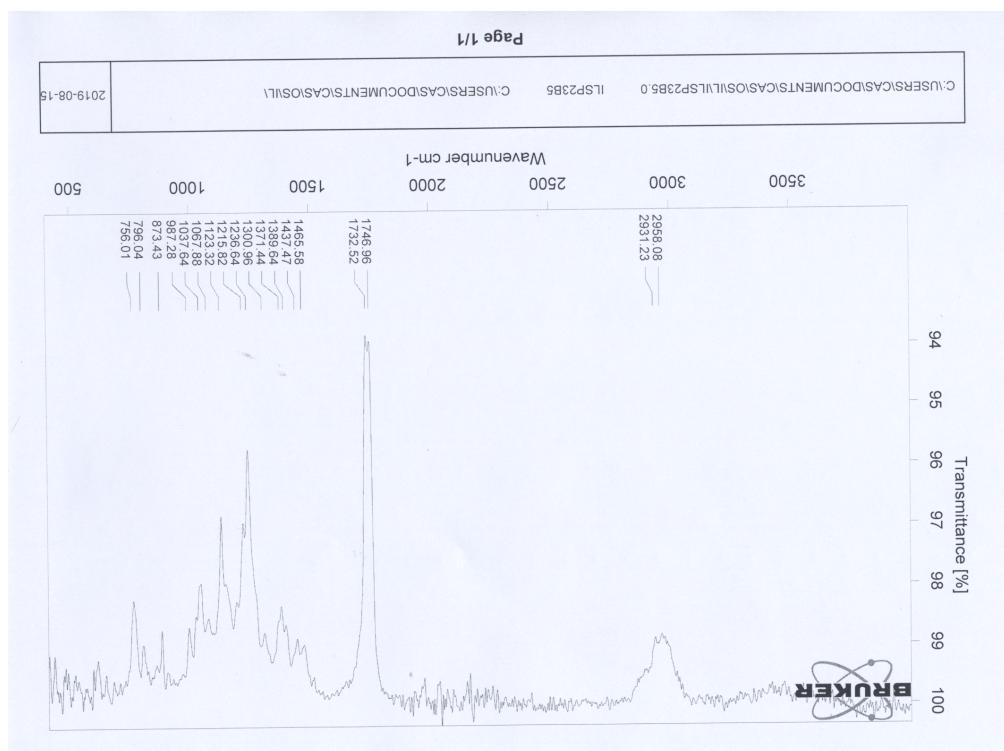


Figure S10:  $^1\text{H}$  NMR of compound 2 ( $\text{CDCl}_3$ )

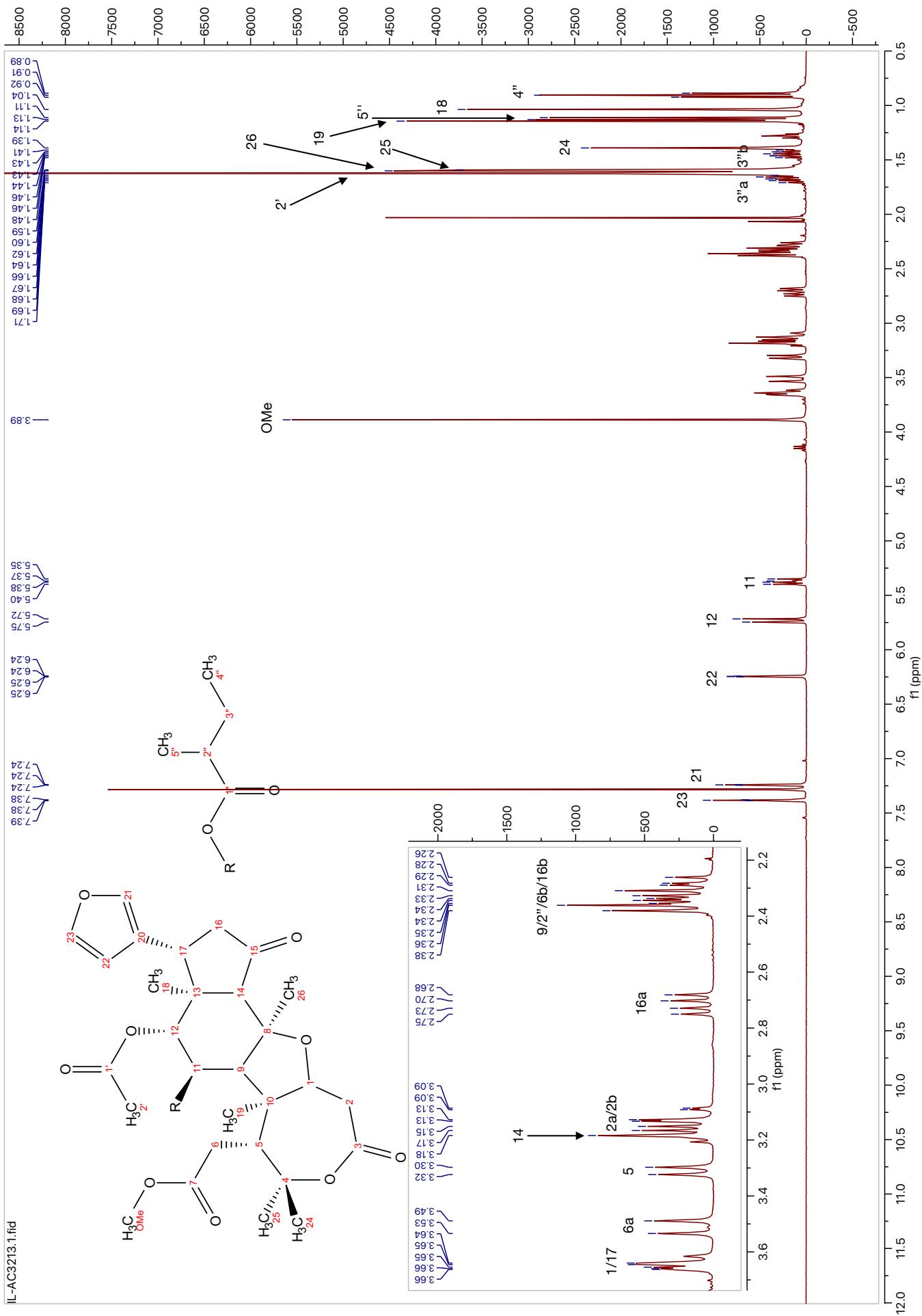


Figure S11:  $^{13}\text{C}$  NMR of compound 2 ( $\text{CDCl}_3$ )

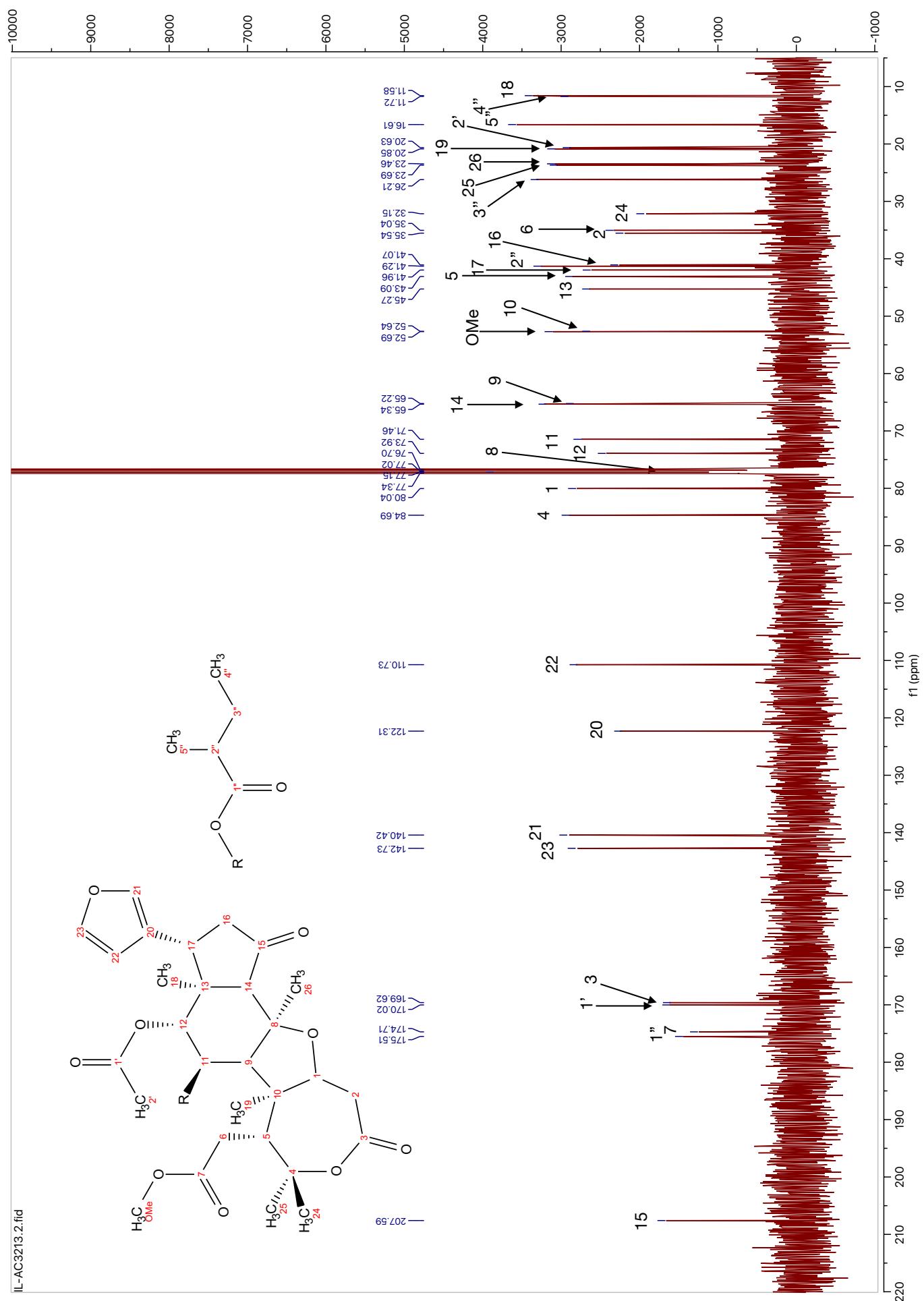


Figure S12:  $^{13}\text{C}$  NMR and DEPT135 of compound 2 ( $\text{CDCl}_3$ )

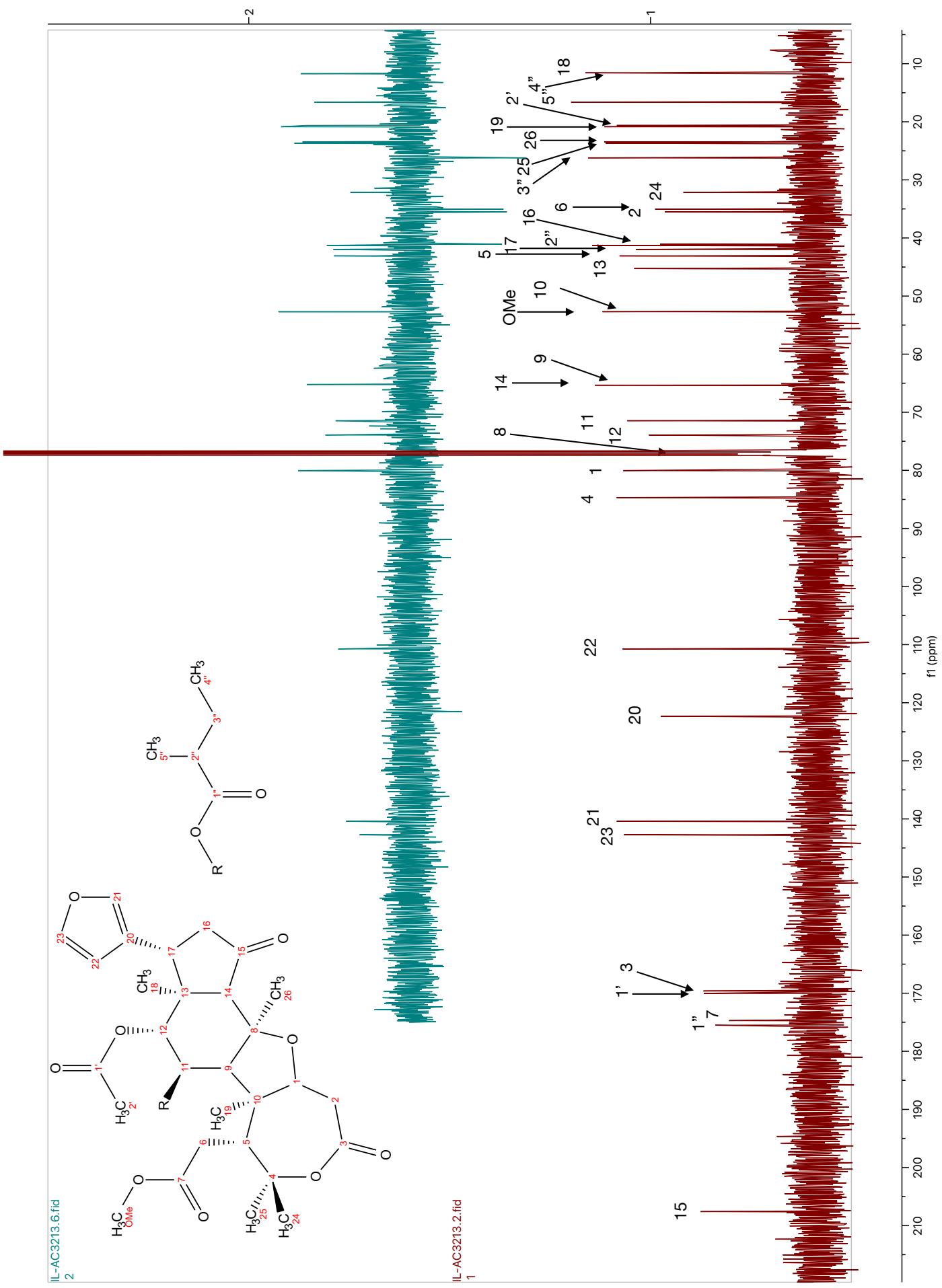


Figure S13: COSY experiment of compound 2 ( $\text{CDCl}_3$ )

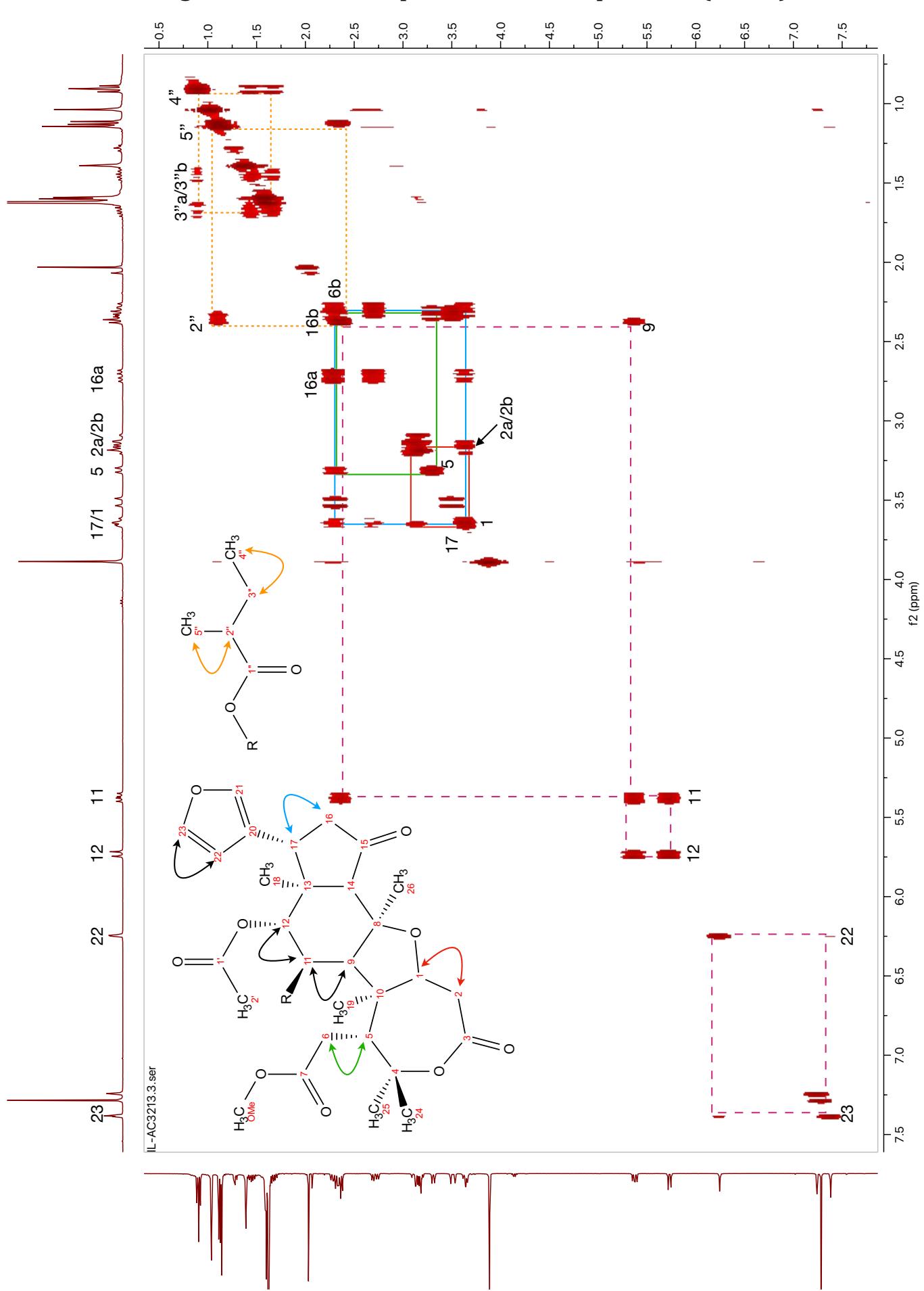


Figure S14: HMQC experiment of compound 2 ( $\text{CDCl}_3$ )

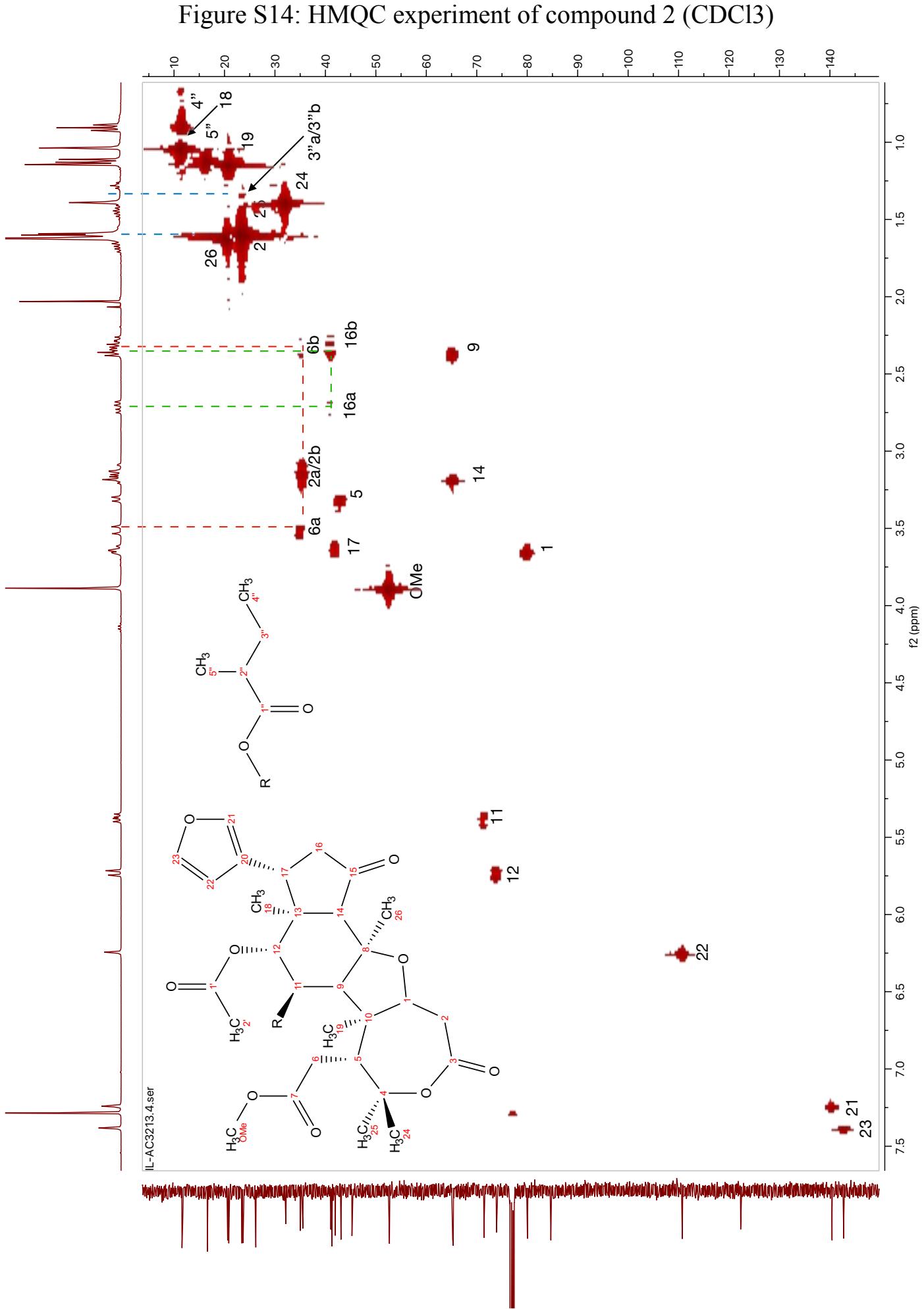


Figure S15: HMBC experiment of compound 2 ( $\text{CDCl}_3$ )

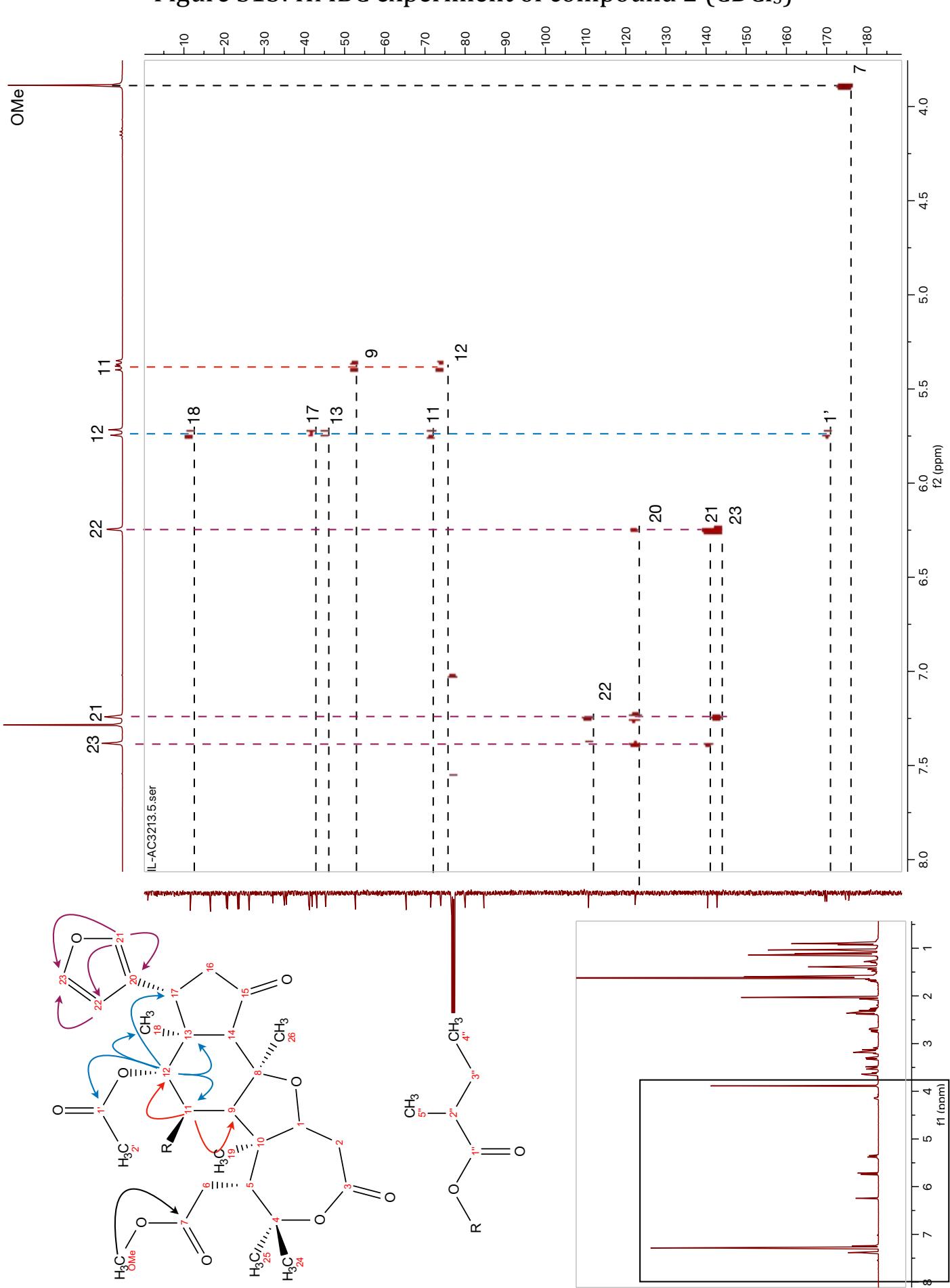


Figure S16: HMBC experiment of compound 2 ( $\text{CDCl}_3$ )

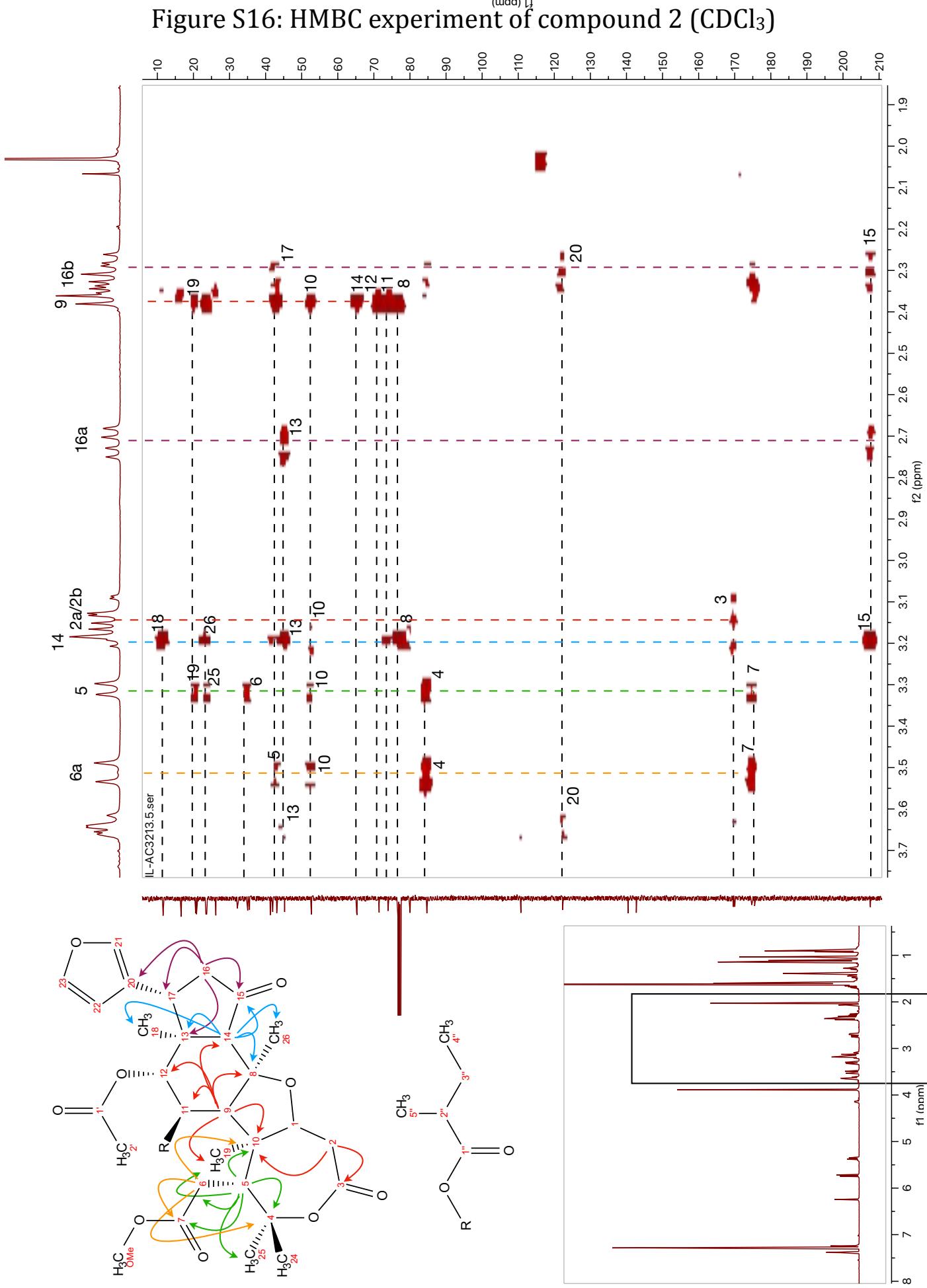


Figure S17: HMBC experiment of compound 2 ( $\text{CDCl}_3$ )

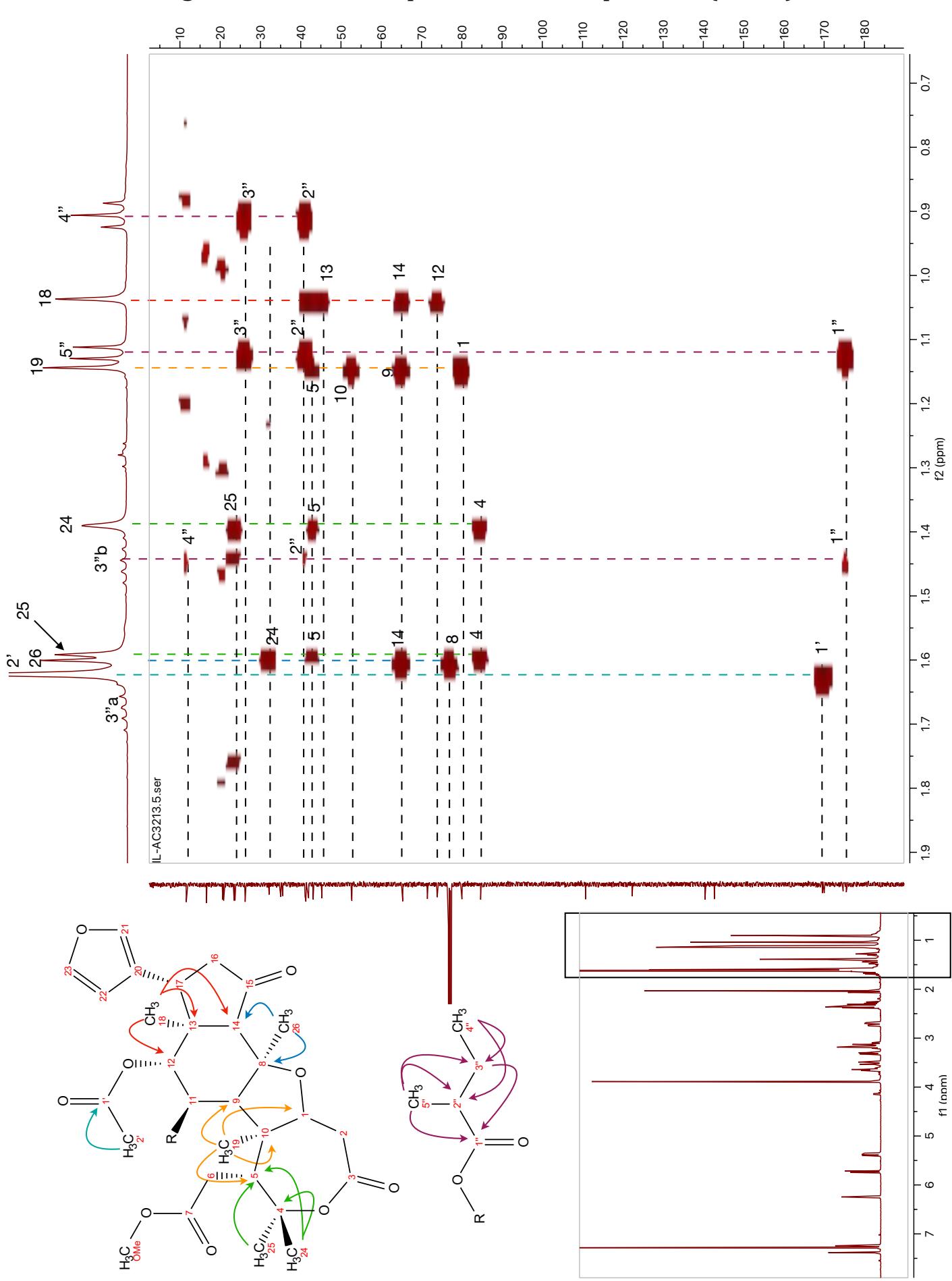


Figure S18: NOESY experiment of compound 2 ( $\text{CDCl}_3$ )

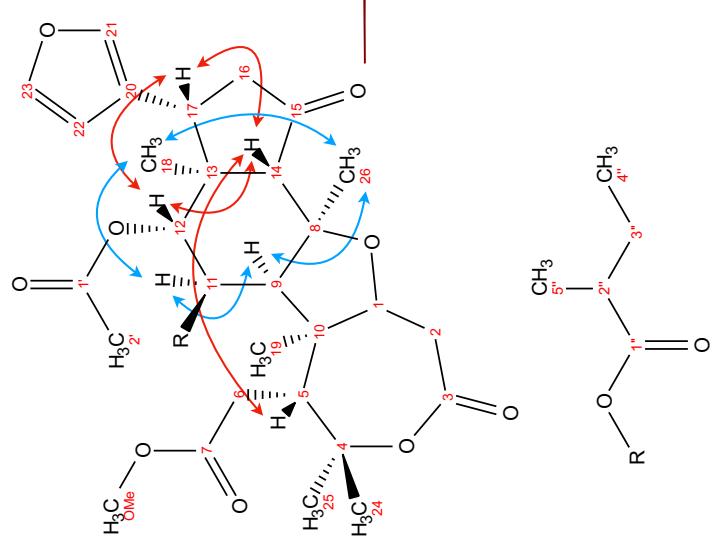
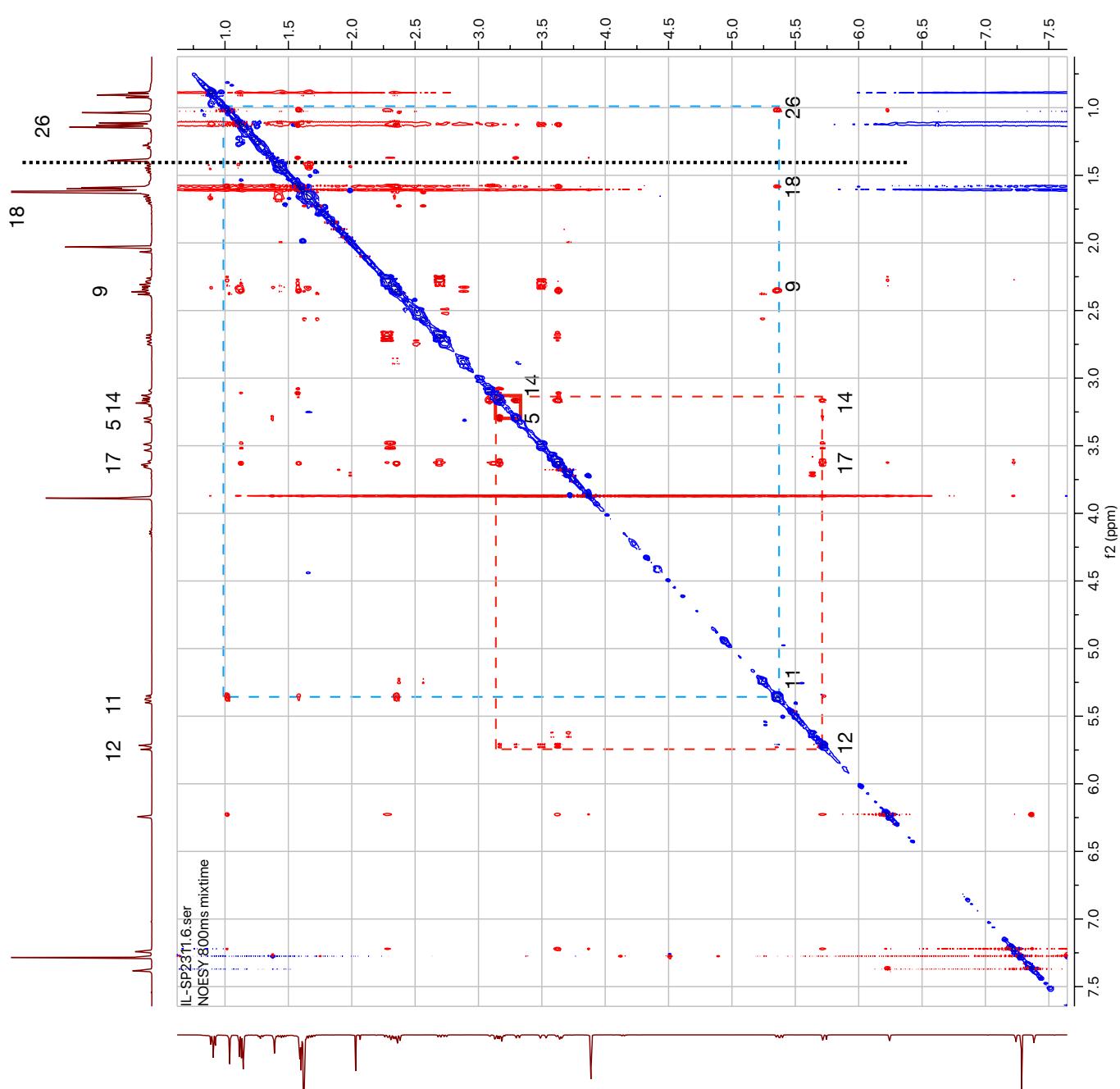


Figure S19: HRMS and IR spectra of compound 2

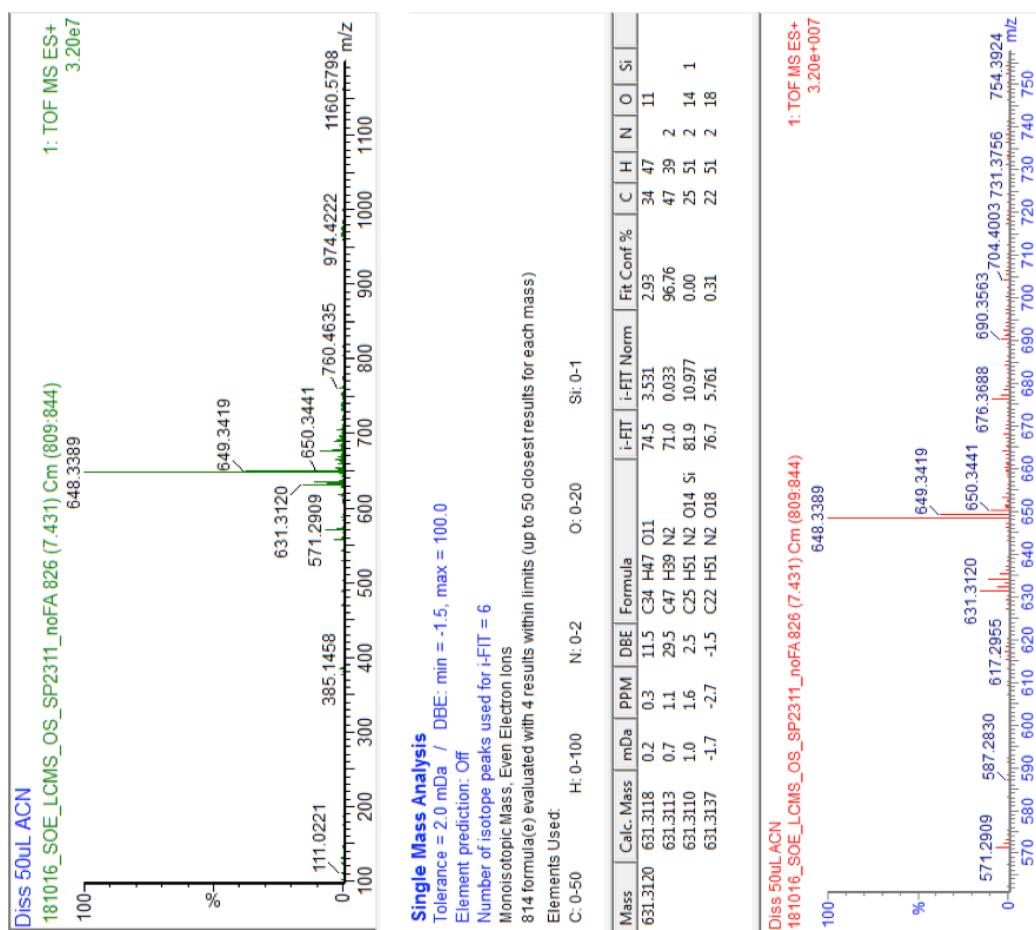
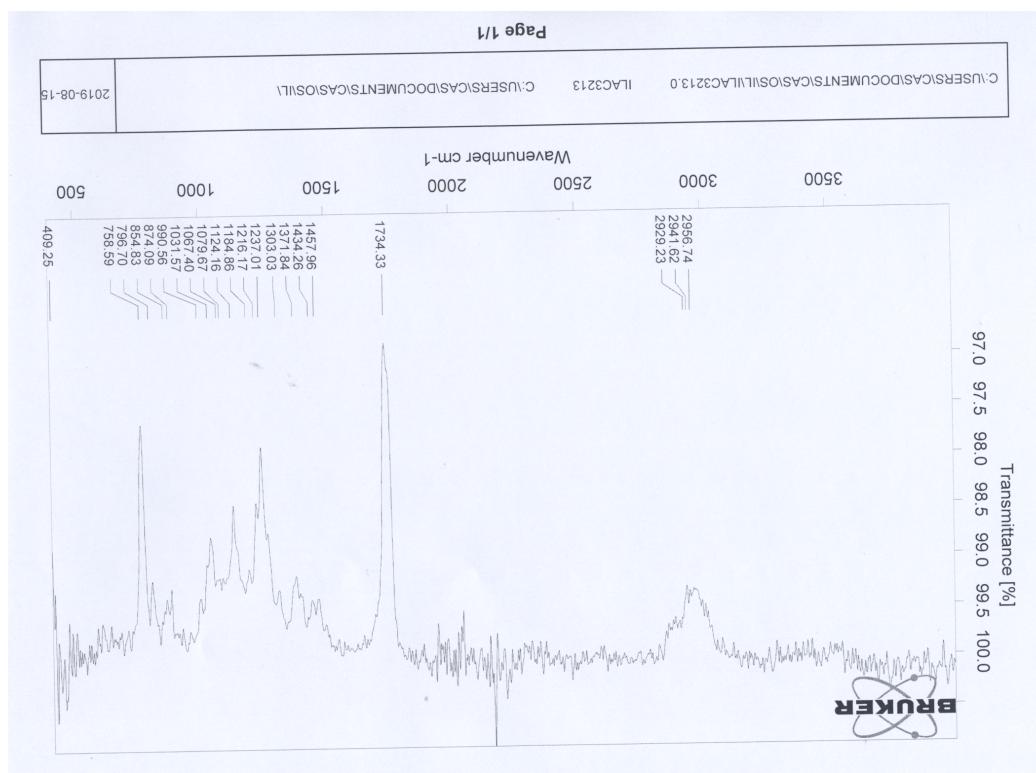


Figure S20:  $^1\text{H}$  NMR of compound 3 ( $\text{CDCl}_3$ )

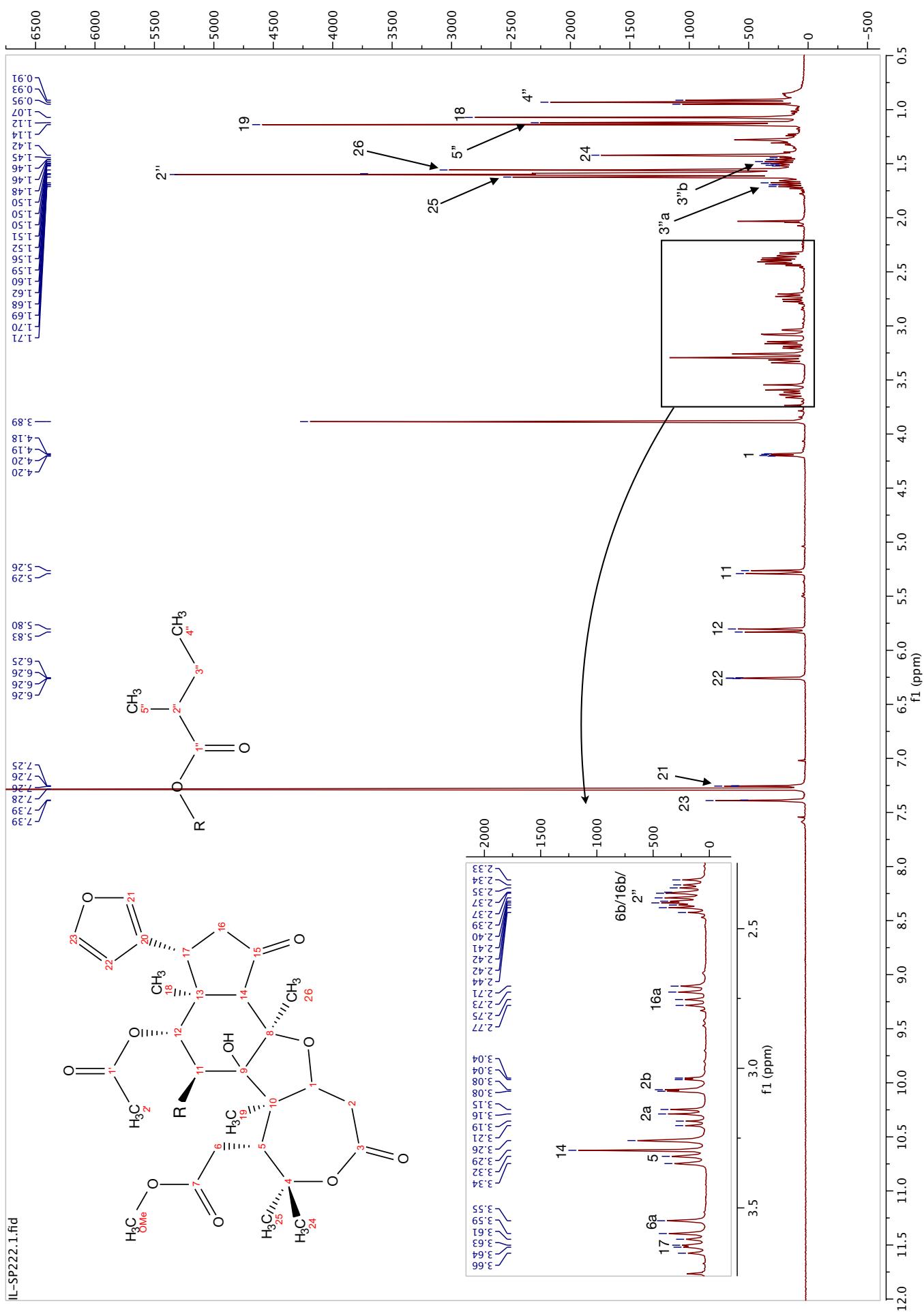


Figure S21:  $^{13}\text{C}$  NMR of compound 3 ( $\text{CDCl}_3$ )

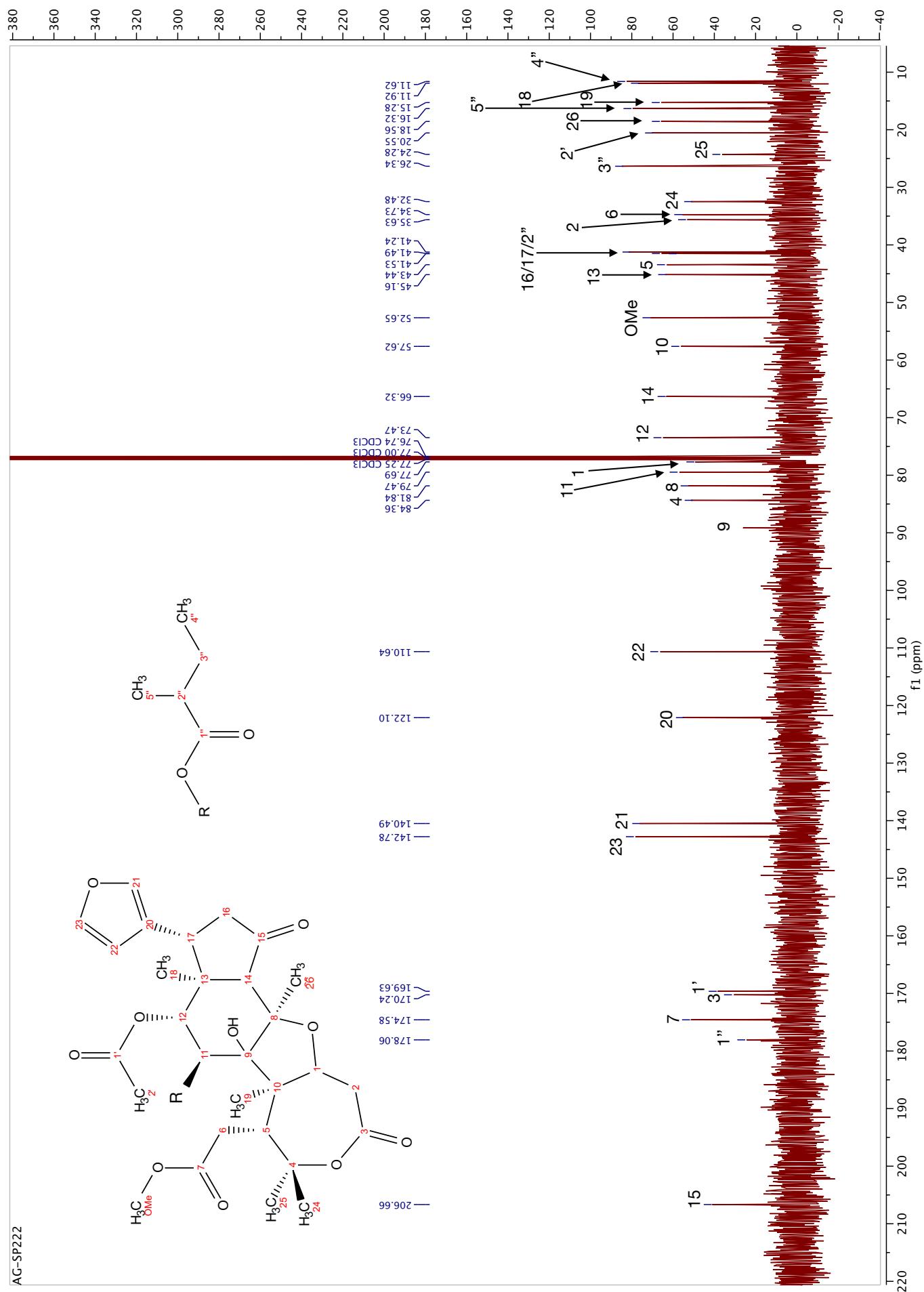


Figure S22: COSY experiment of compound 3 ( $\text{CDCl}_3$ )

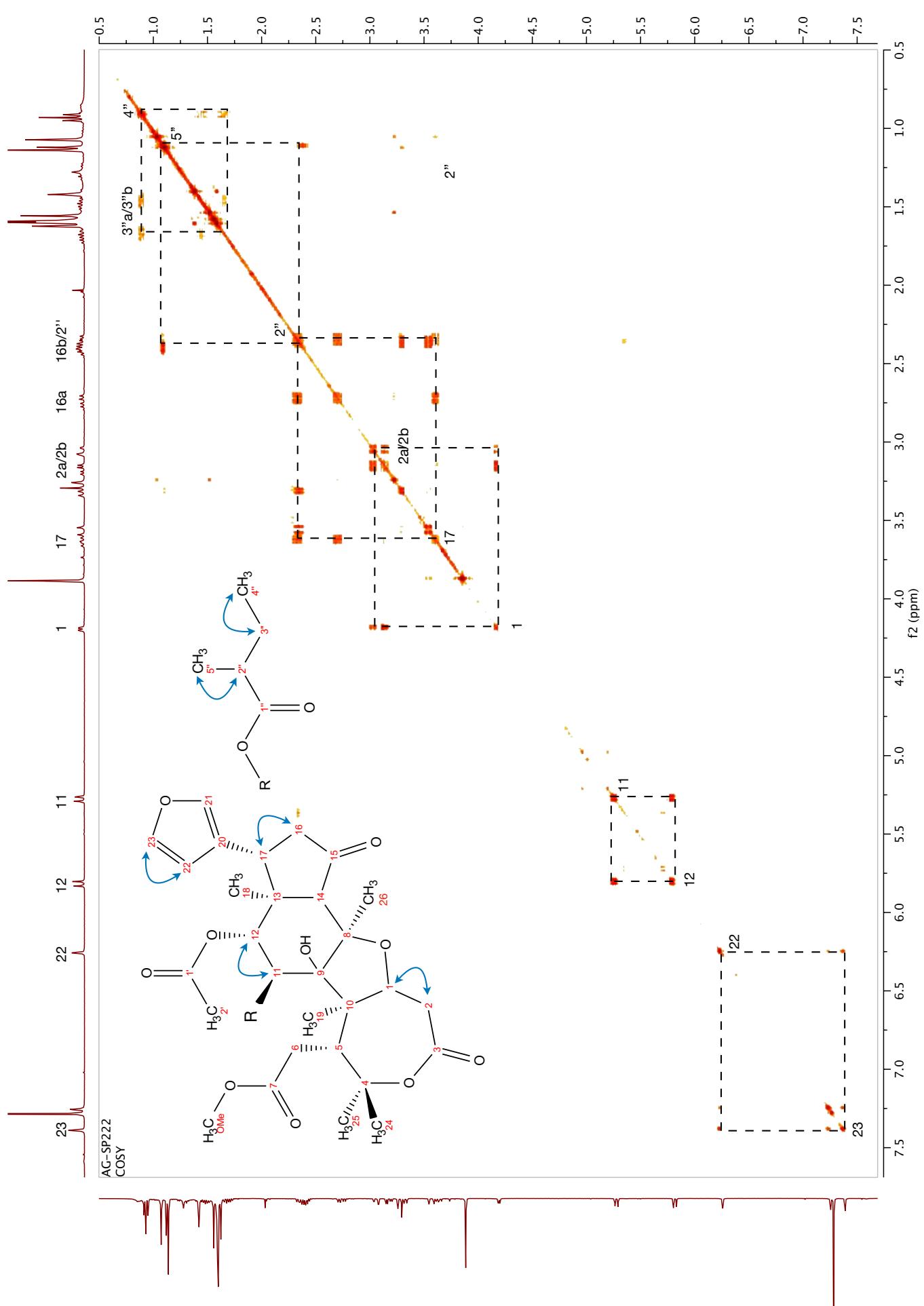


Figure S23: HMQC experiment of compound 3 ( $\text{CDCl}_3$ )

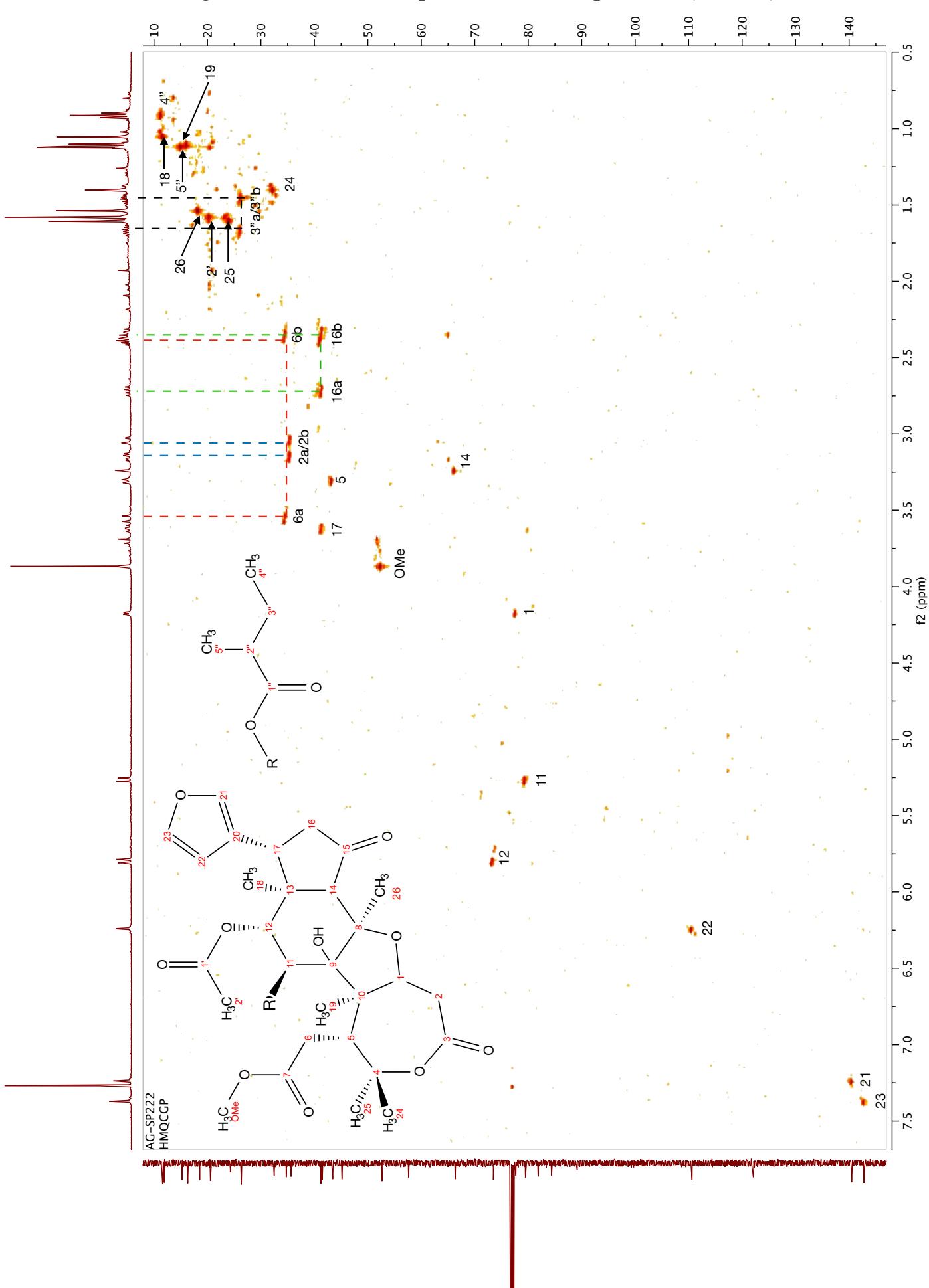


Figure S24: HMBC experiment of compound 3 ( $\text{CDCl}_3$ )

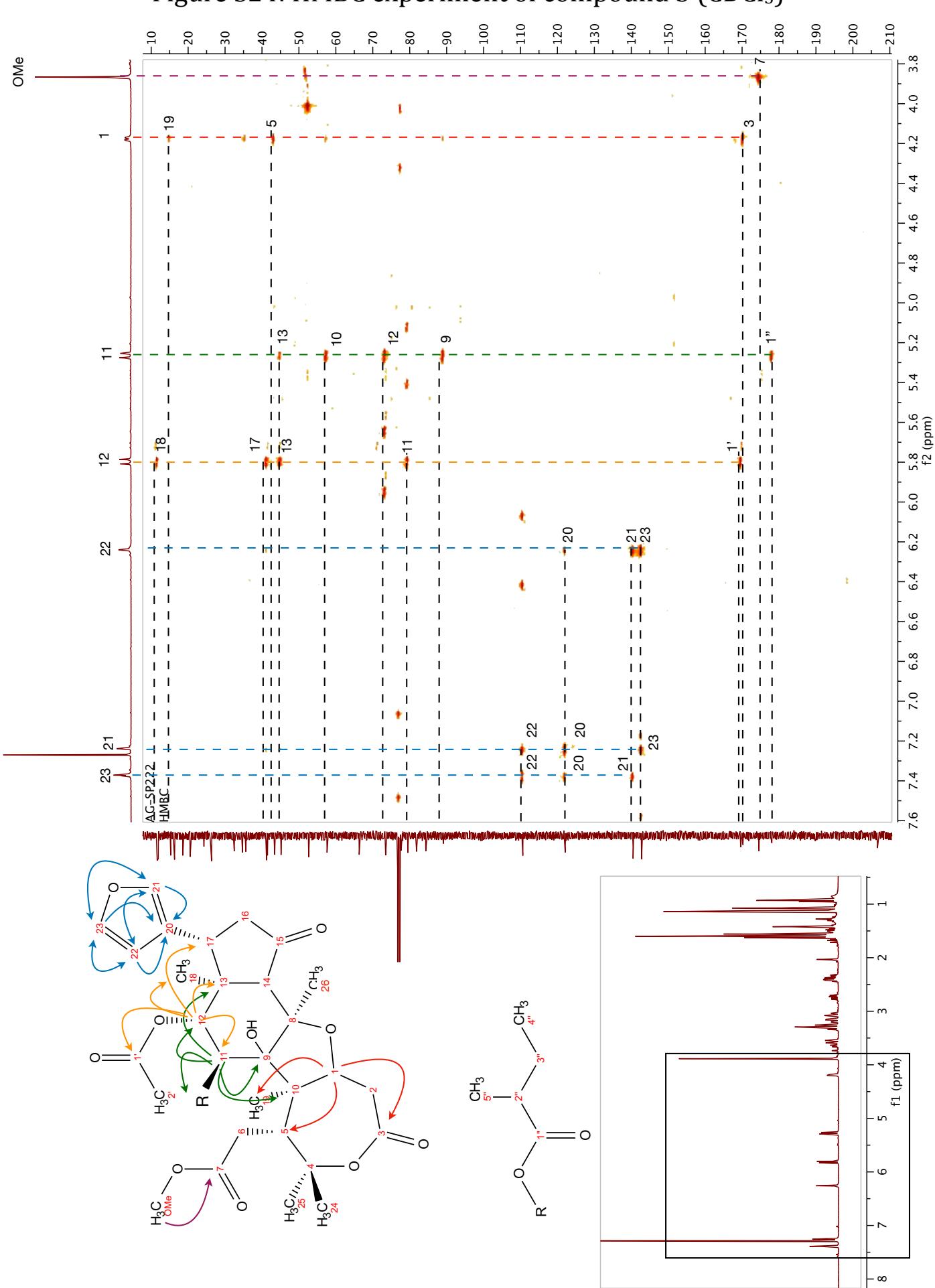


Figure S25: HMBC experiment of compound 3 ( $\text{CDCl}_3$ )

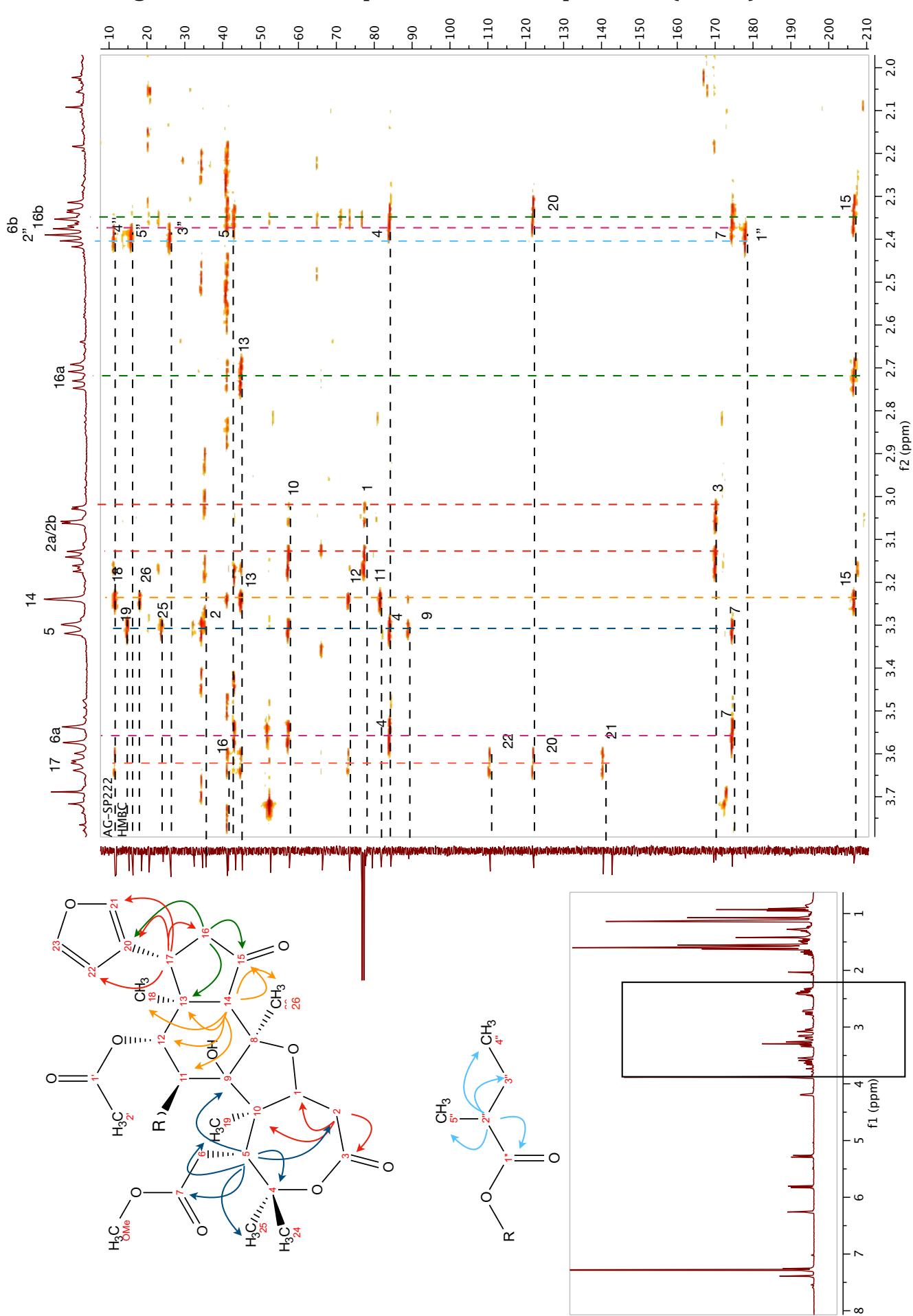


Figure S26: HMBC experiment of compound 3 ( $\text{CDCl}_3$ )

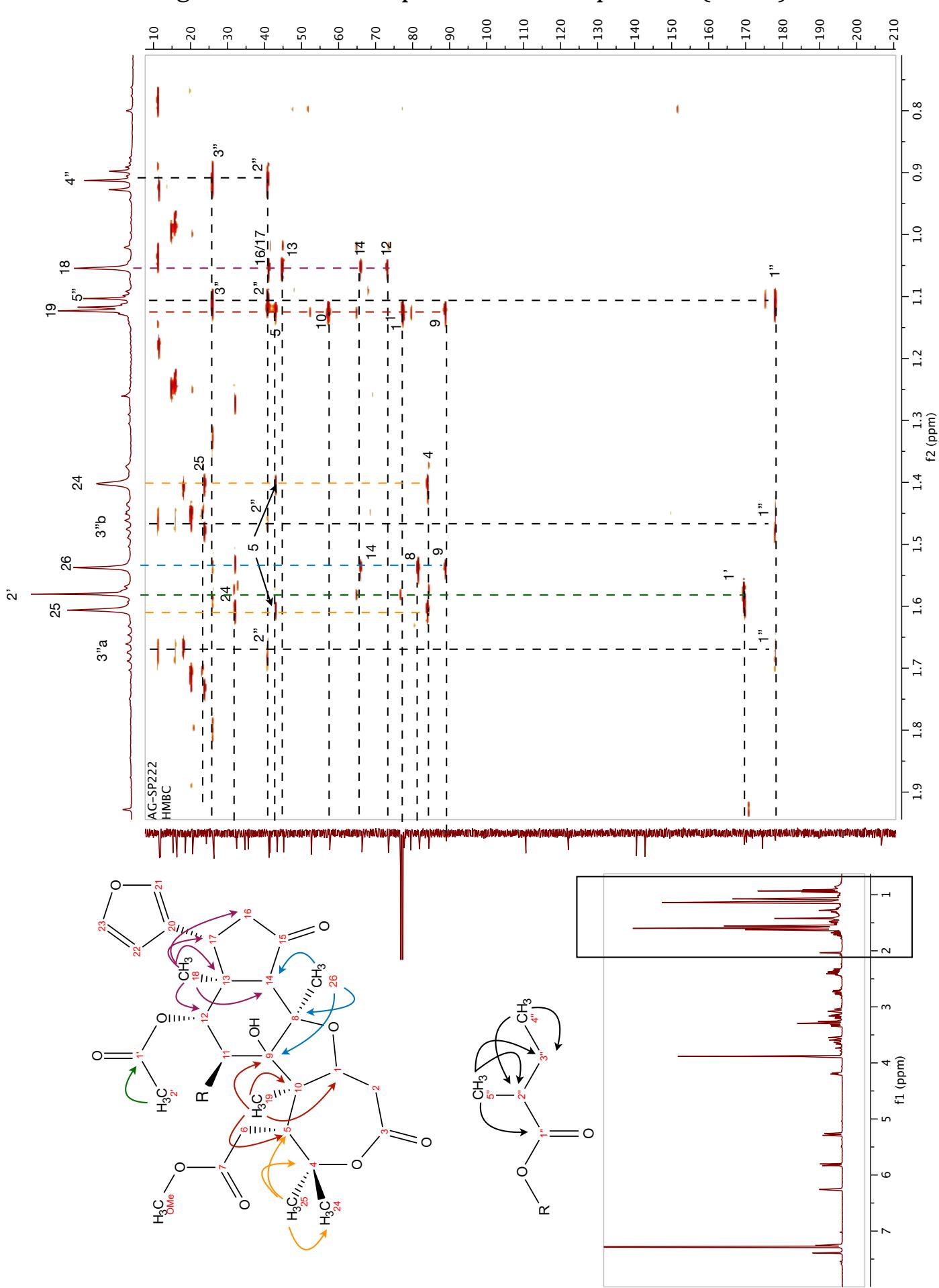


Figure S27: NOESY experiment of compound 3 ( $\text{CDCl}_3$ )

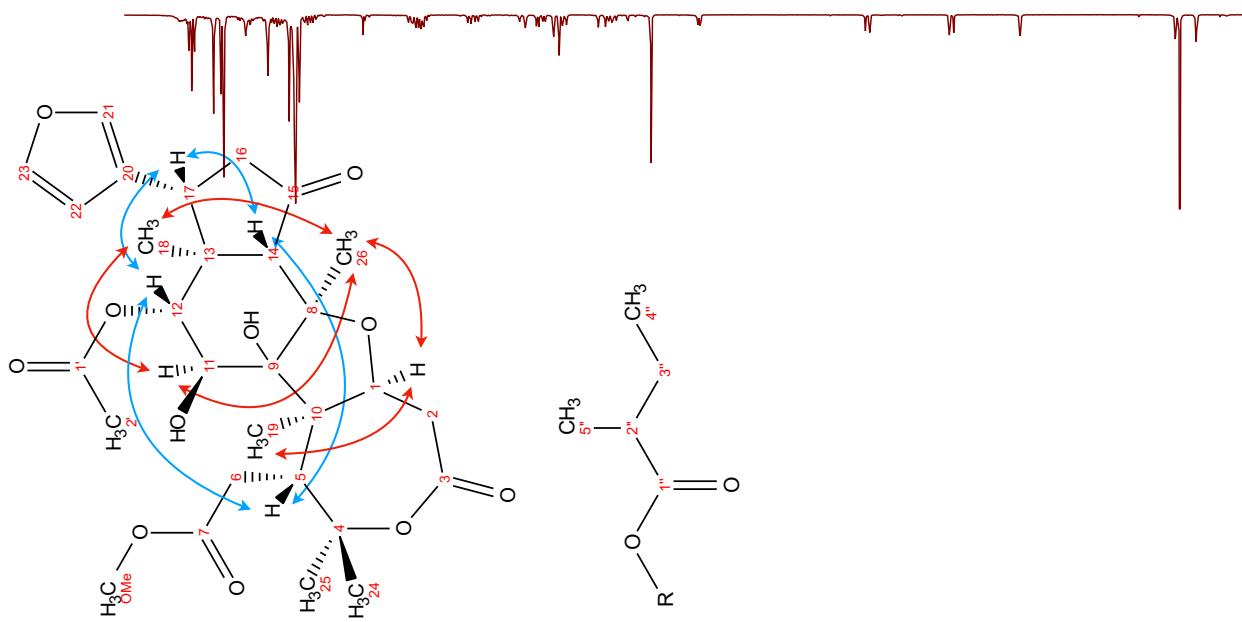
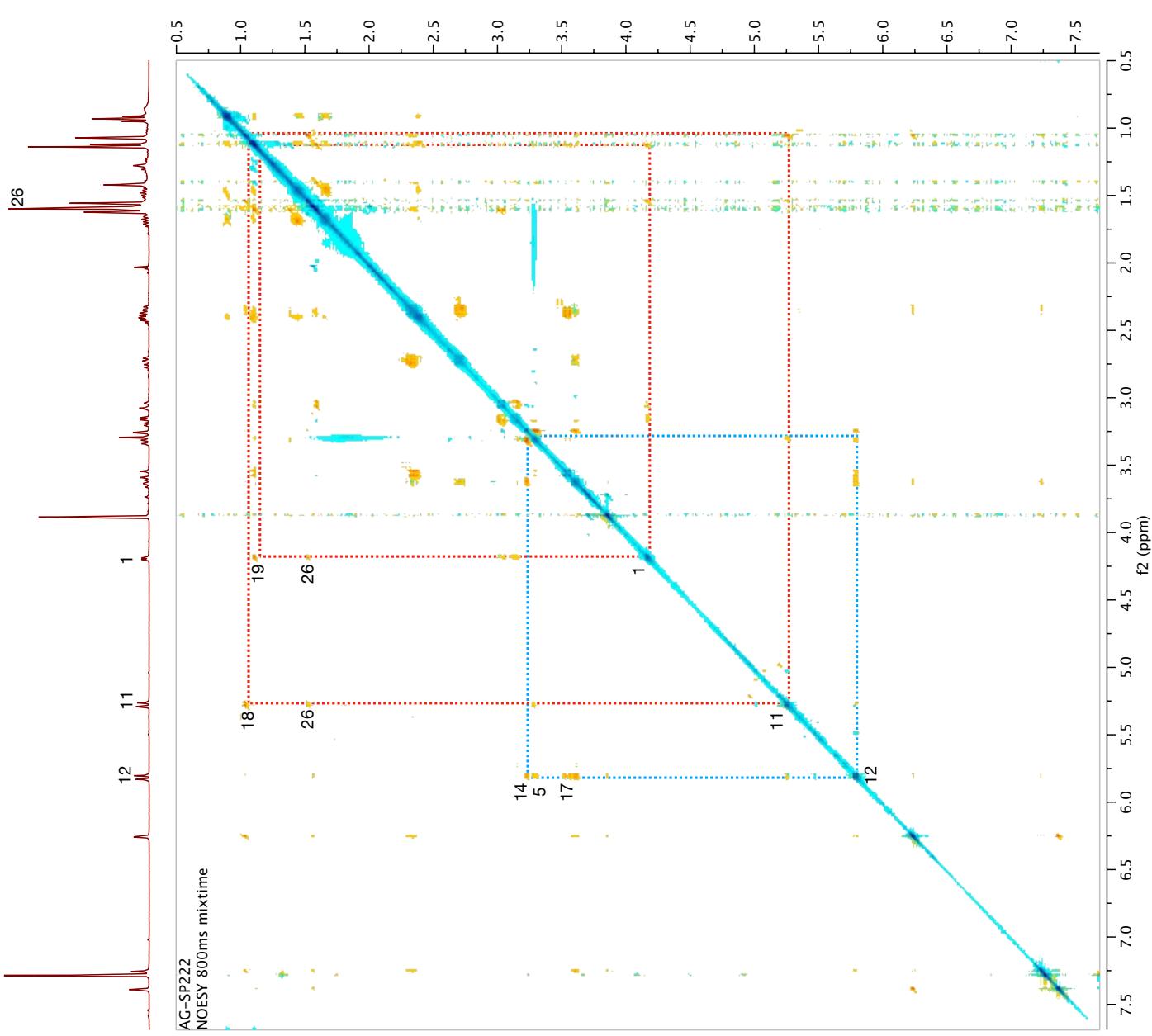


Figure S28: HRMS and IR of compound 3

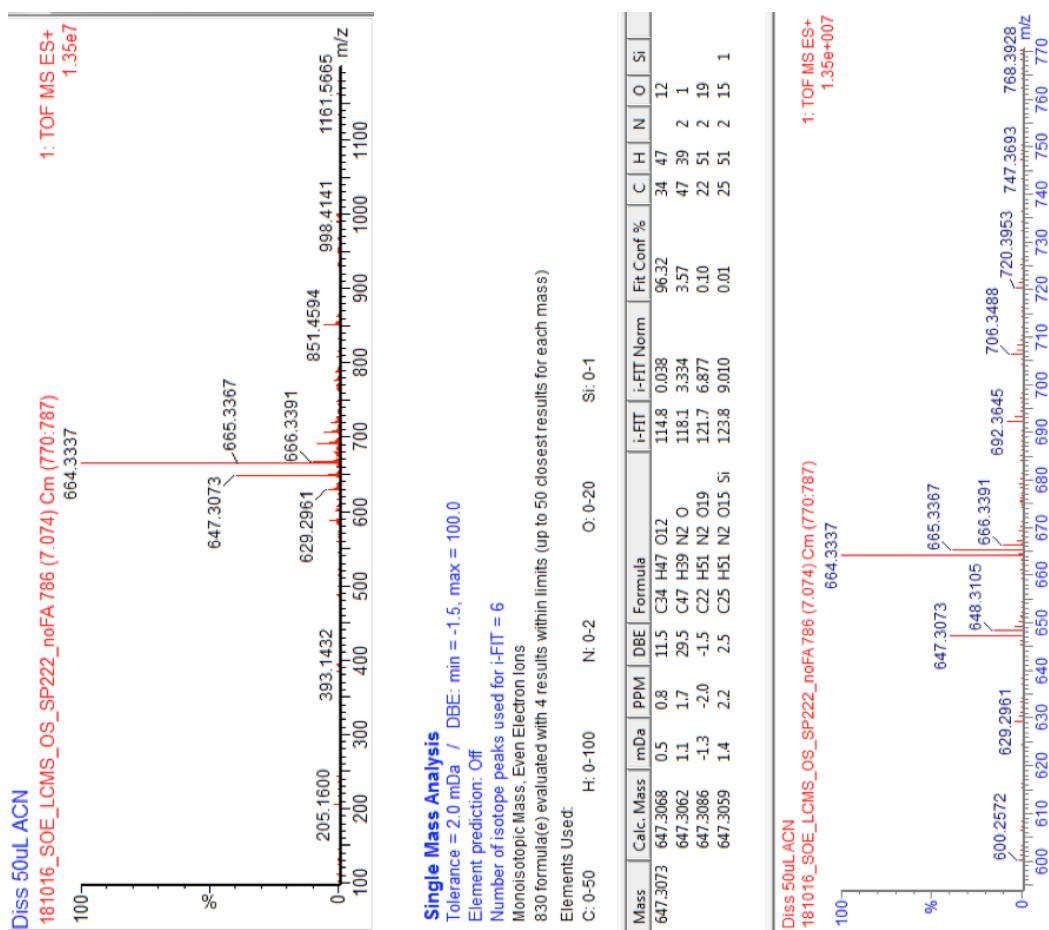
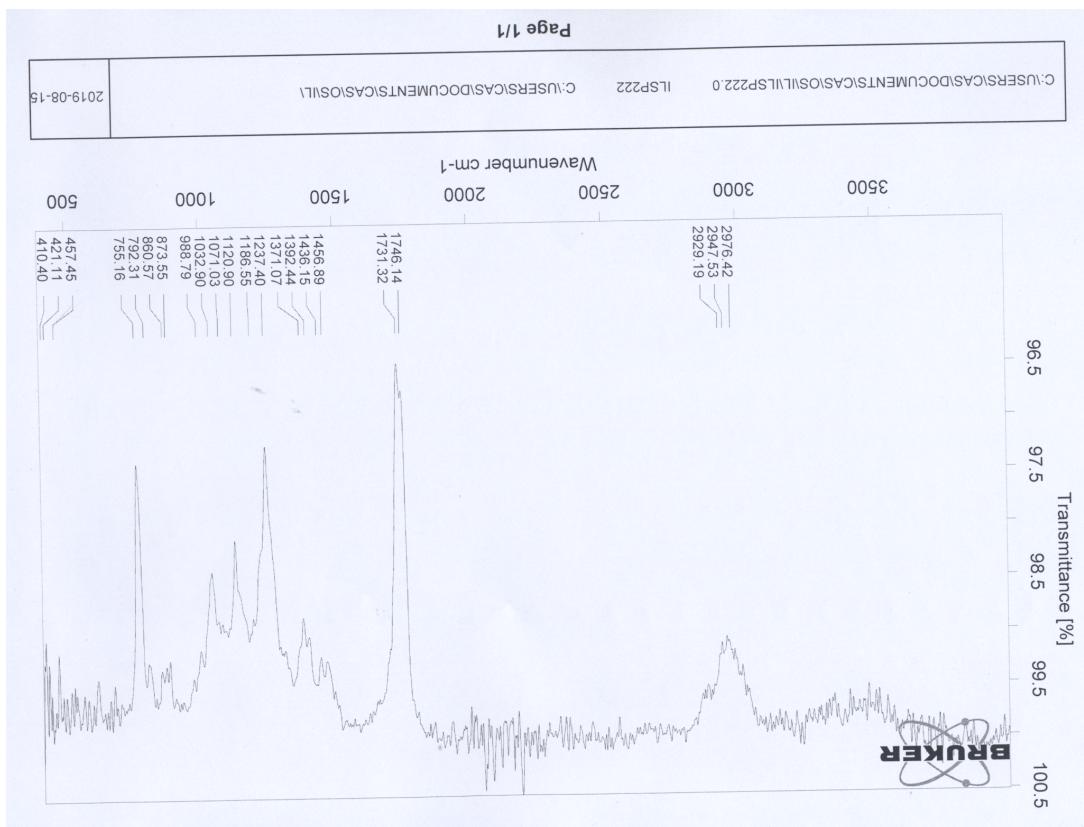


Figure S29:  $^1\text{H}$  NMR of compound 4 ( $\text{CDCl}_3$ )

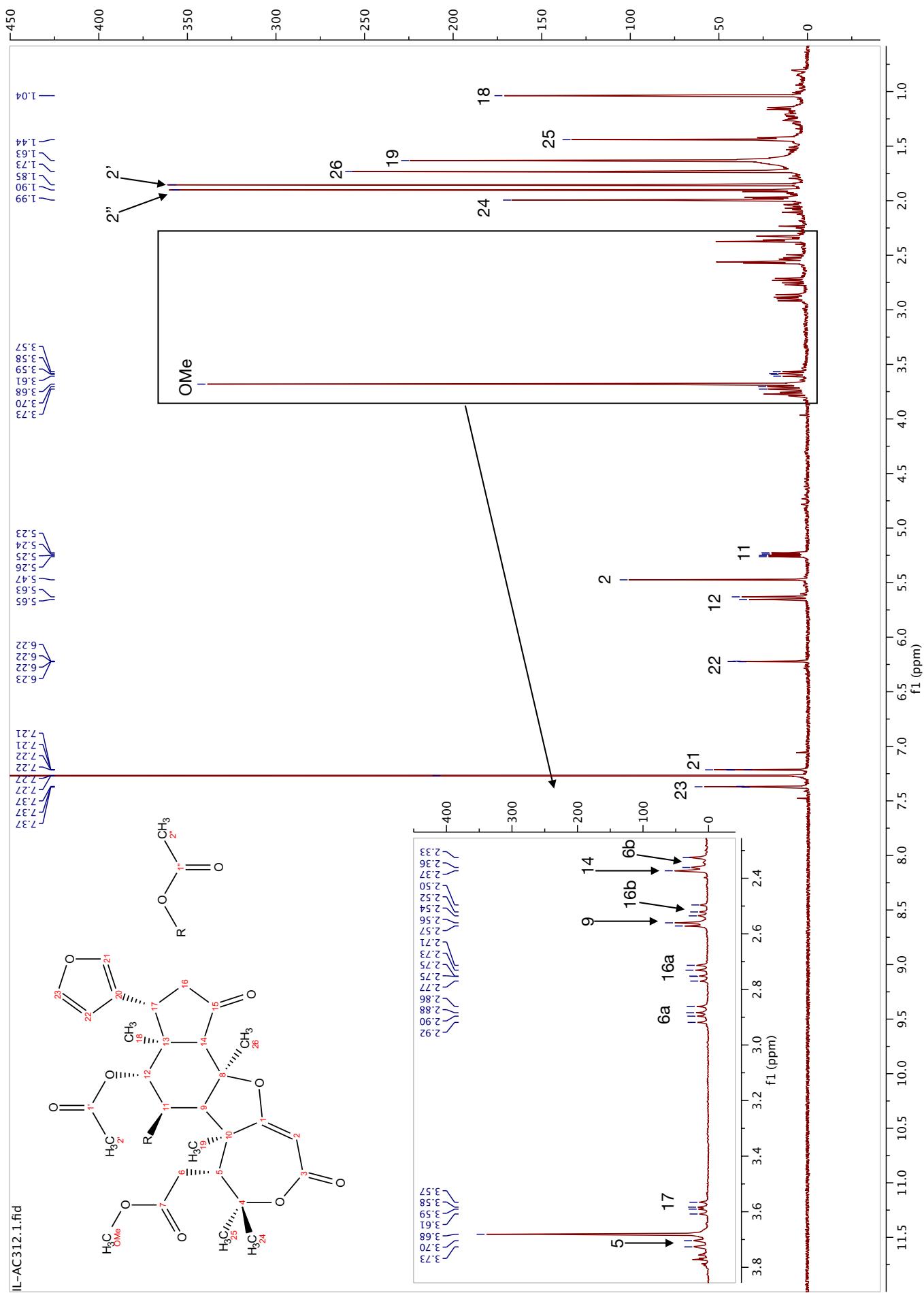


Figure S30:  $^{13}\text{C}$  NMR of compound 4 ( $\text{CDCl}_3$ )

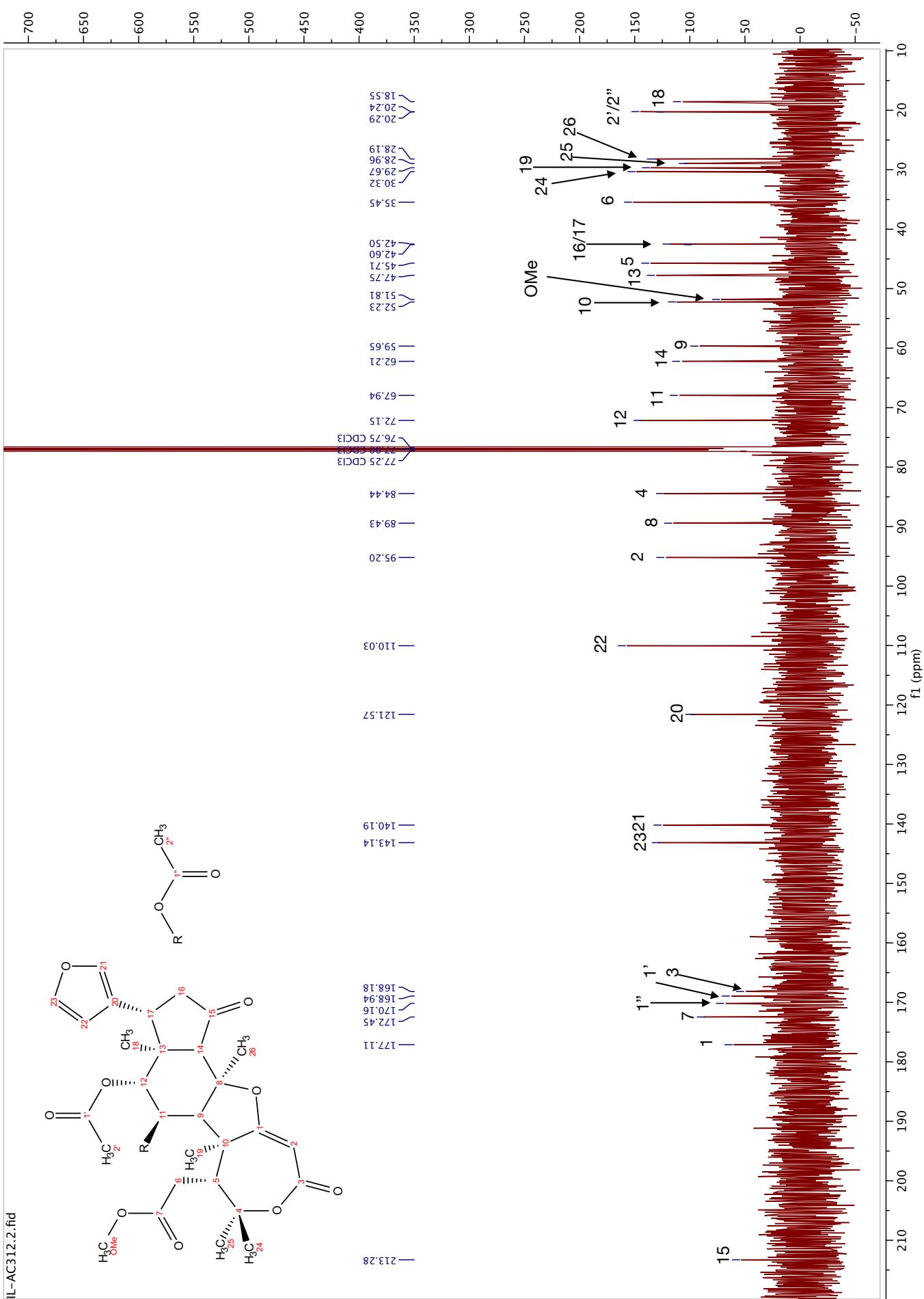


Figure S31: COSY experiment of compound 4 ( $\text{CDCl}_3$ )

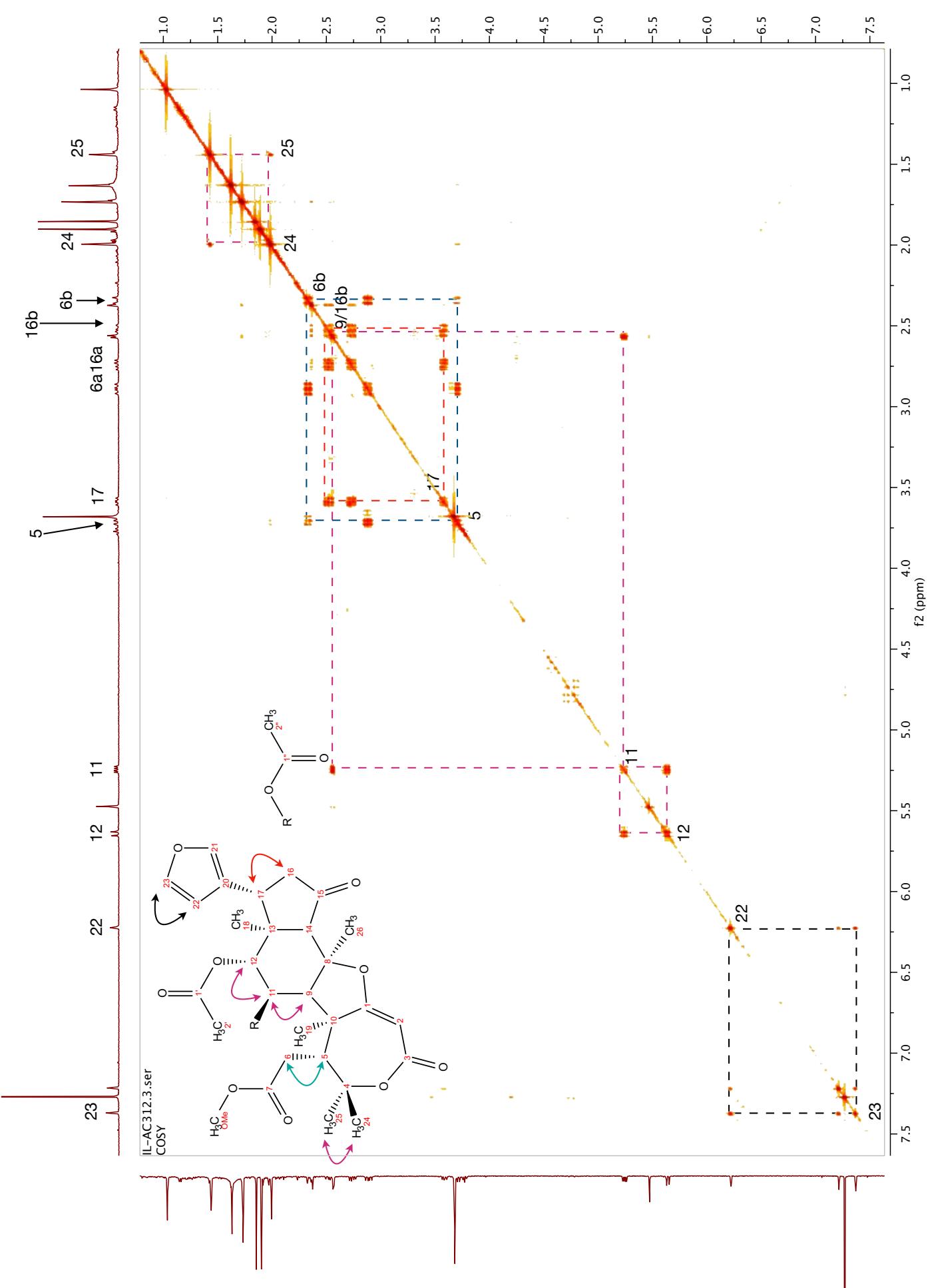


Figure S32: HMQC experiment of compound 4 ( $\text{CDCl}_3$ )

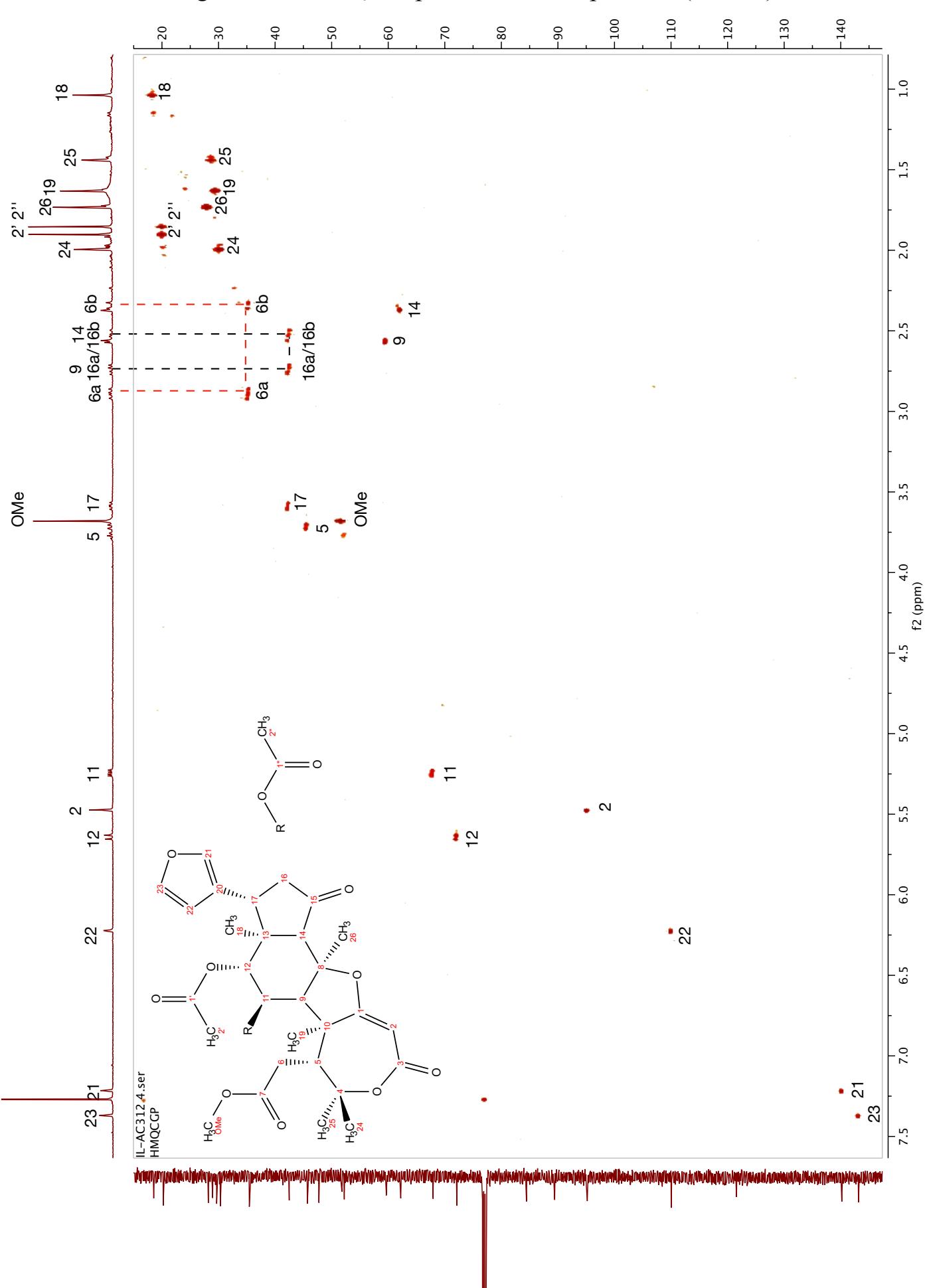


Figure S33: HMBC experiment of compound 4 ( $\text{CDCl}_3$ )

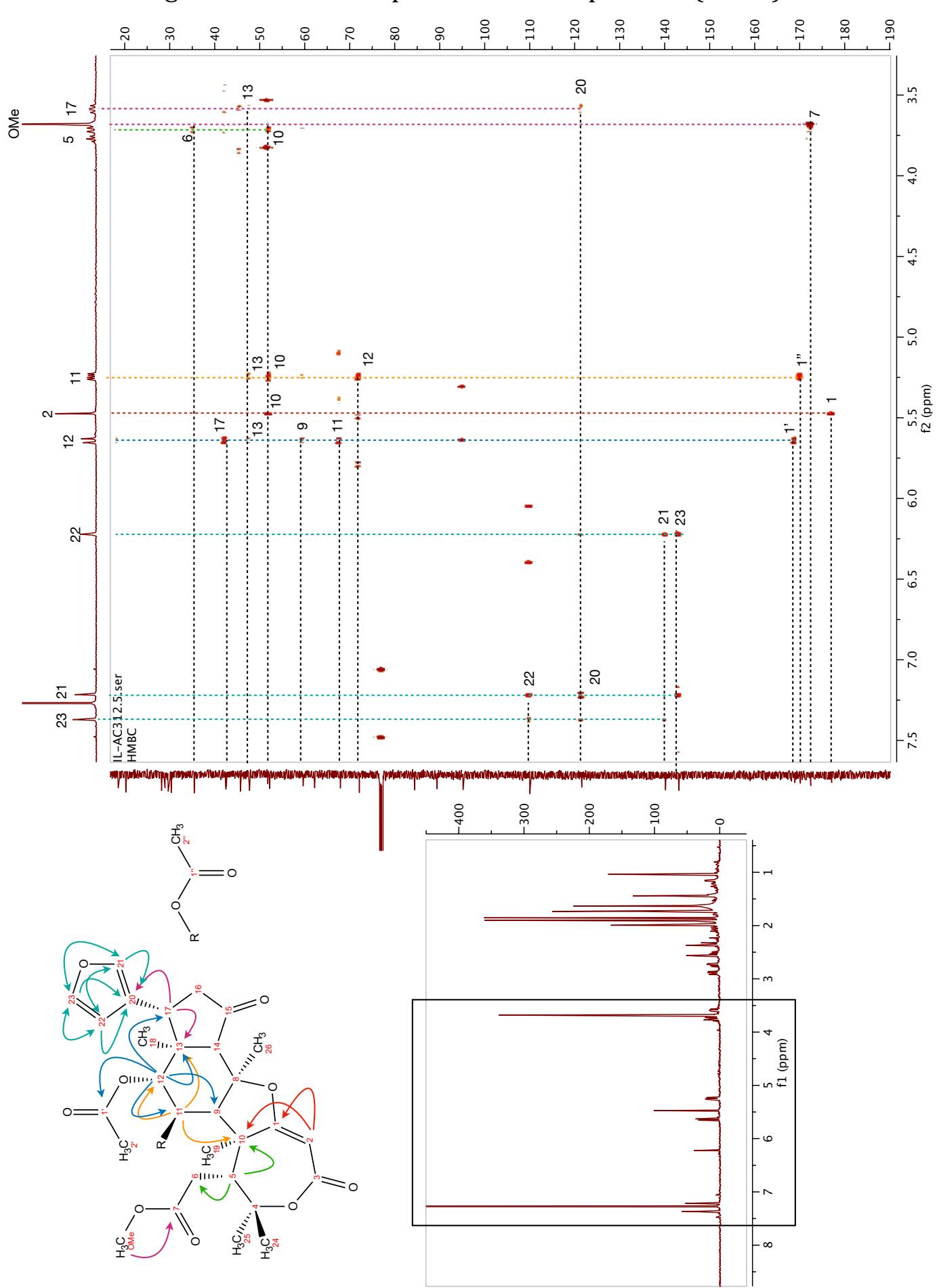


Figure S34: HMBC experiment of compound 4 ( $\text{CDCl}_3$ )

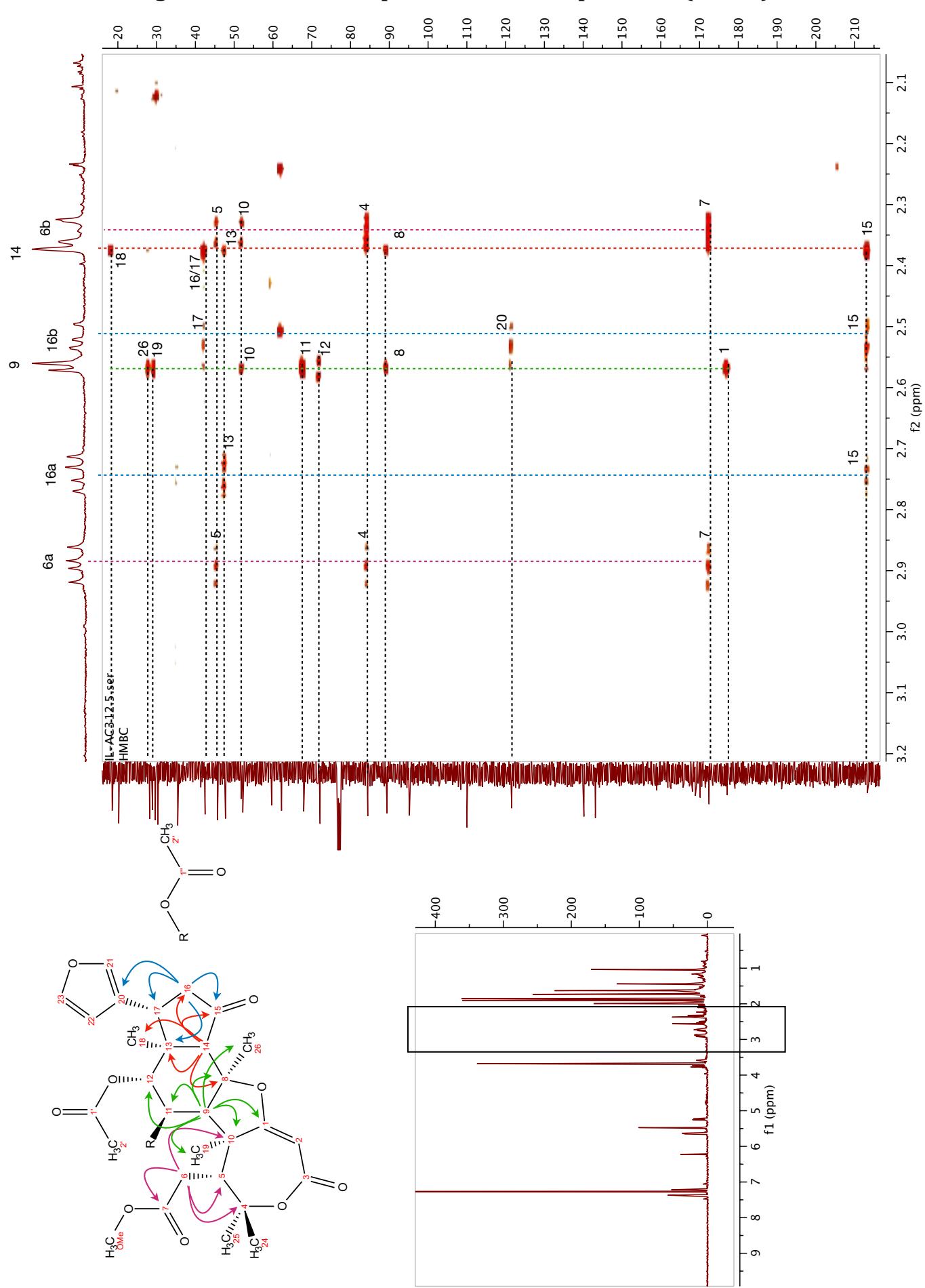


Figure S35: HMBC experiment of compound 4 ( $\text{CDCl}_3$ )

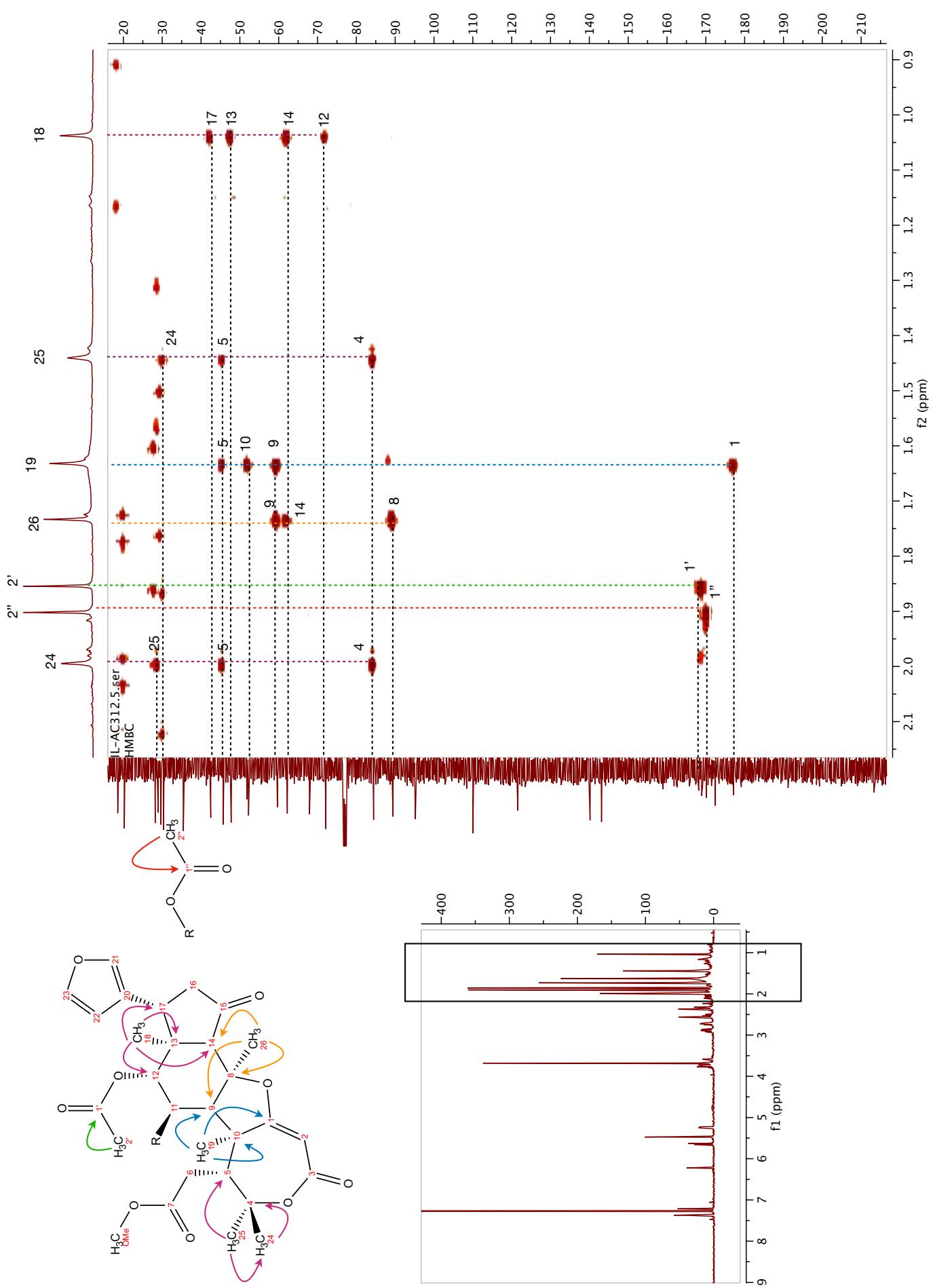
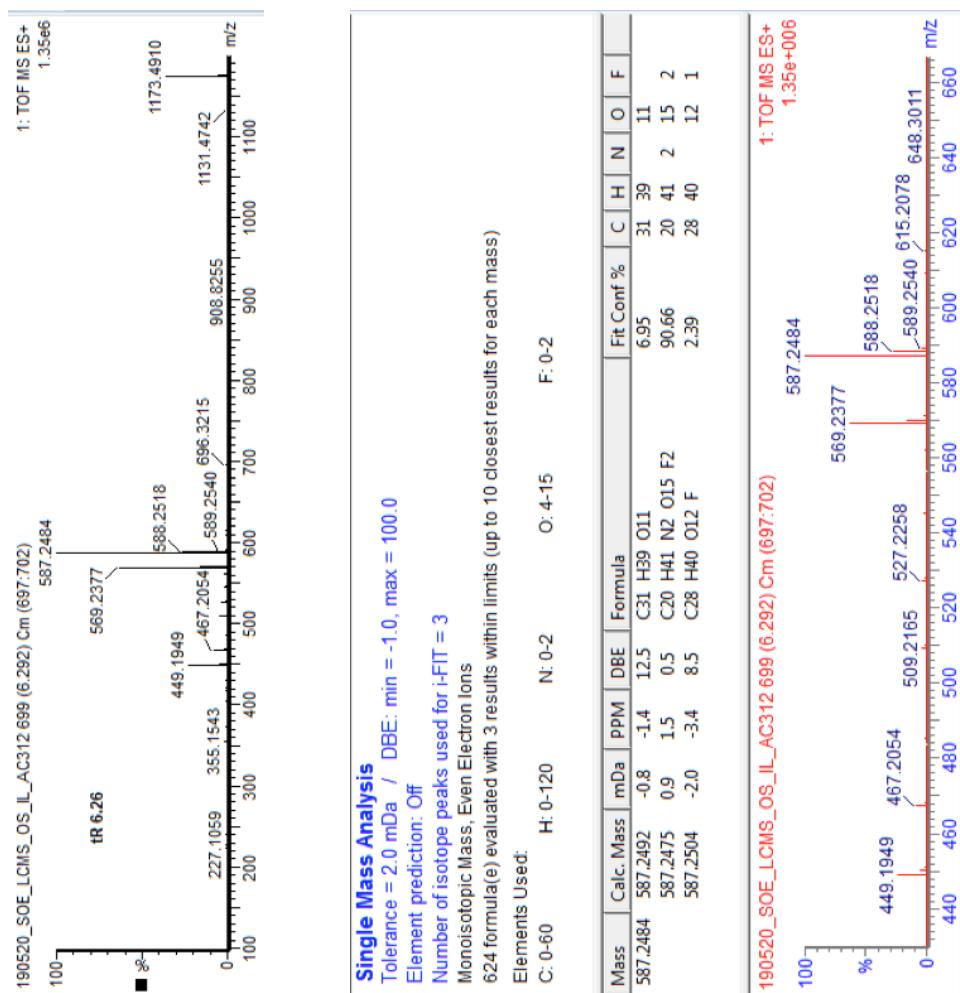
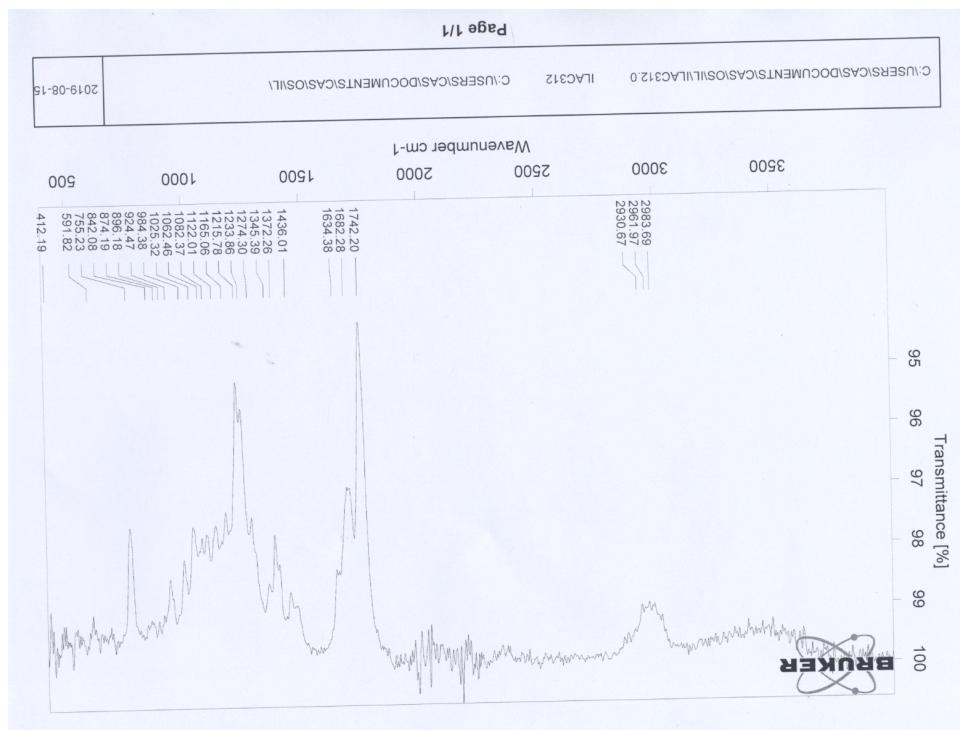


Figure S36: HRMS and IR spectra of compound 4



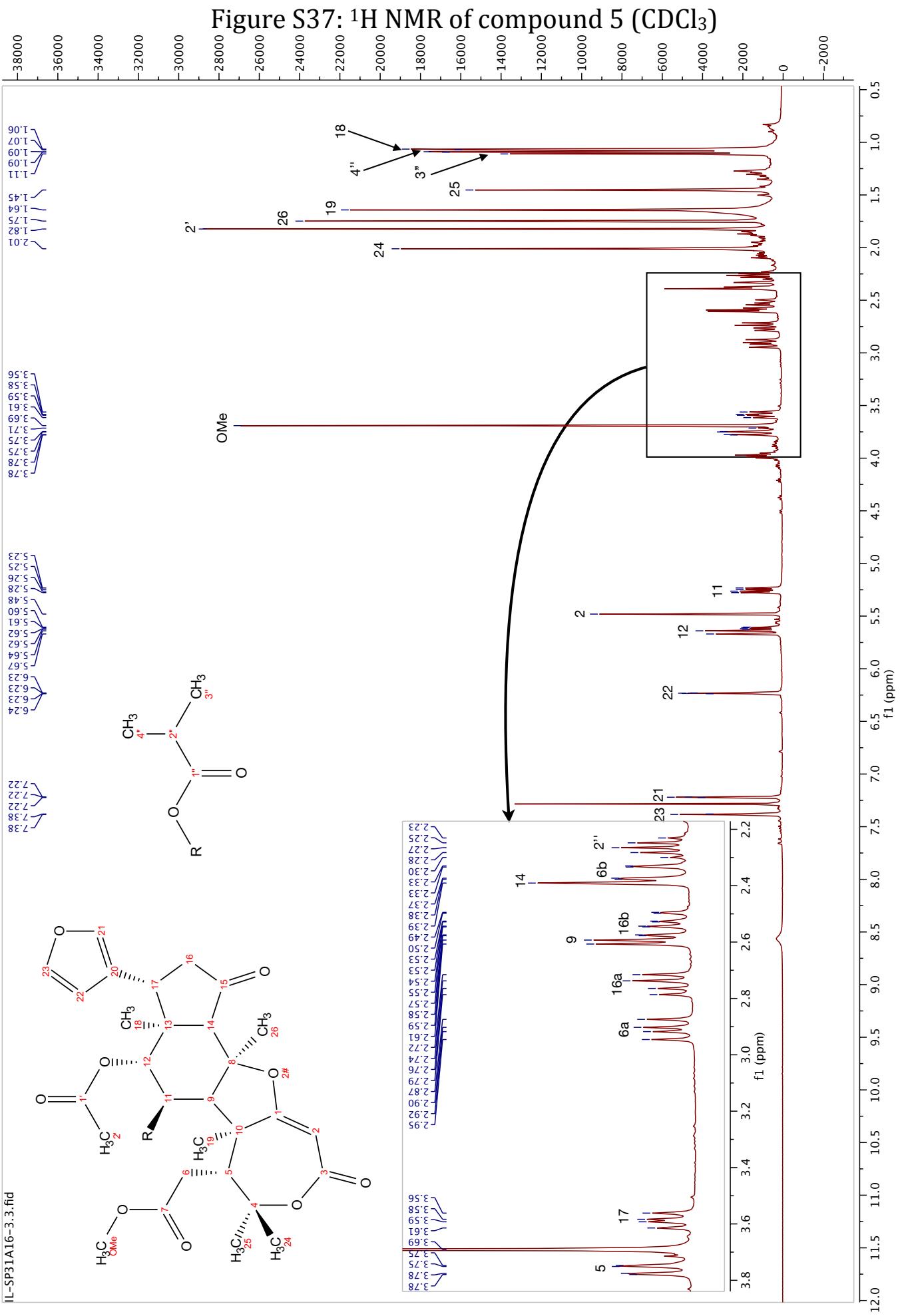


Figure S38:  $^{13}\text{C}$  NMR of compound 5 ( $\text{CDCl}_3$ )

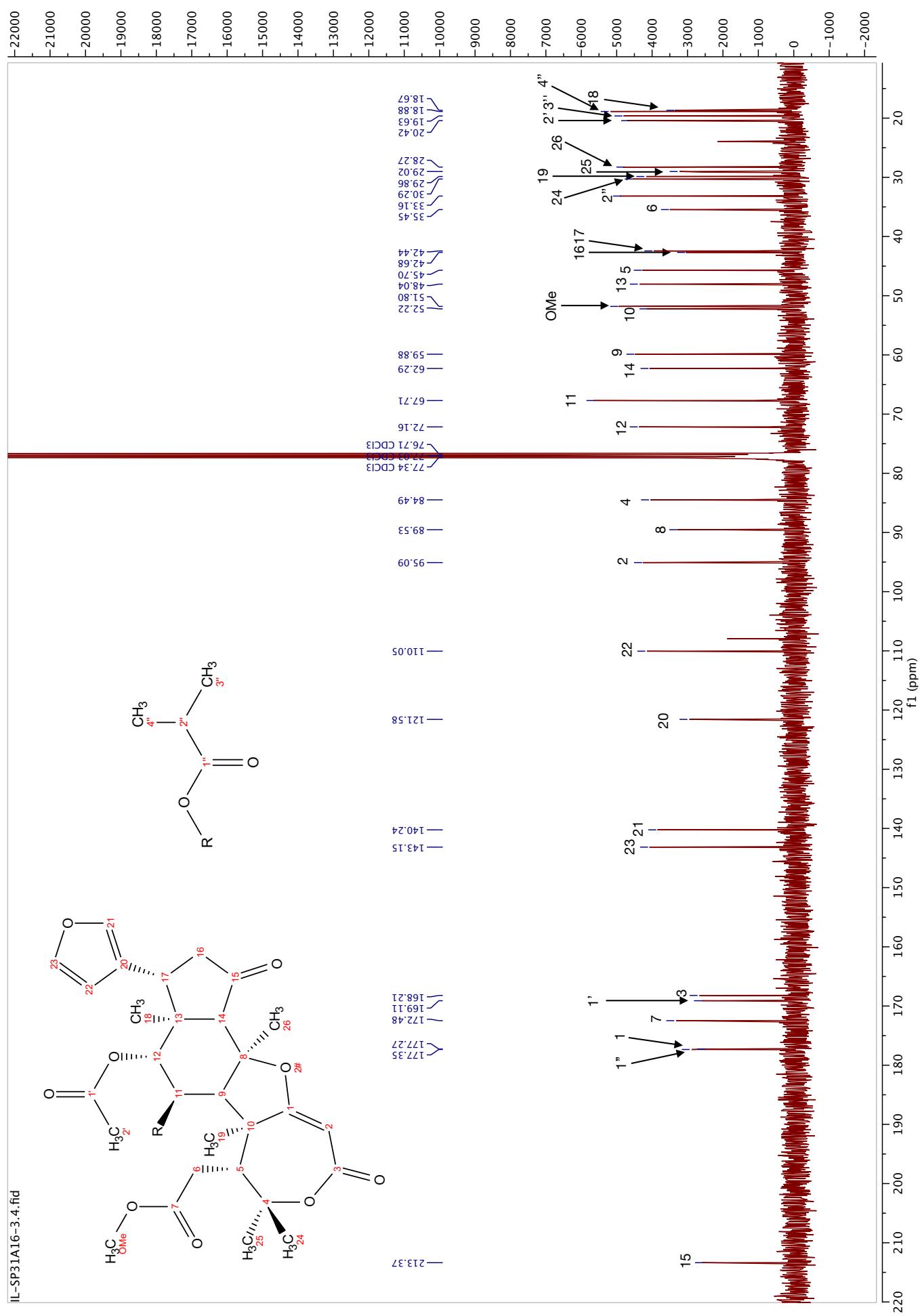


Figure S39:  $^{13}\text{C}$  and DEPT135 spectra of compound 5 ( $\text{CDCl}_3$ )

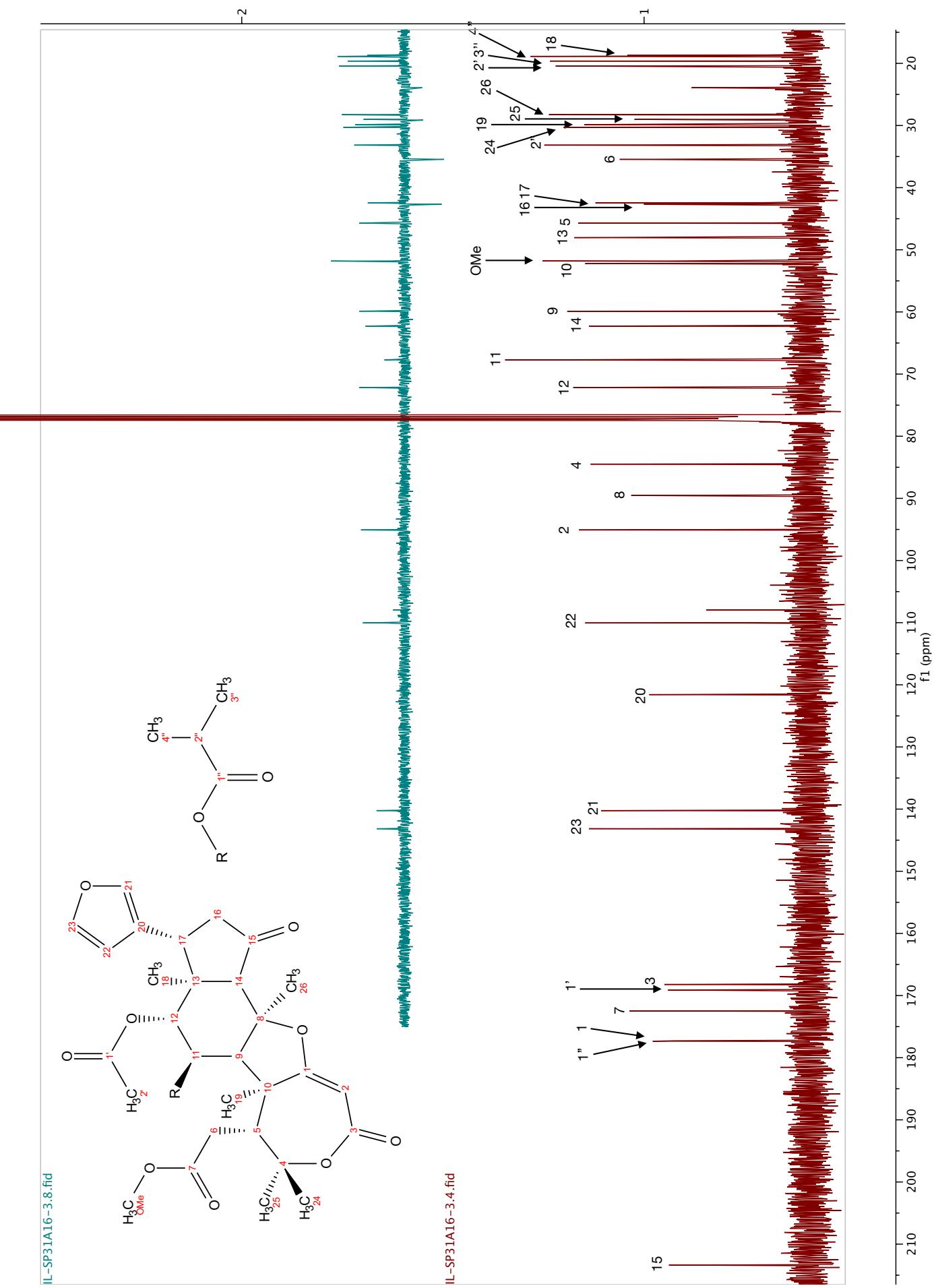


Figure S40: COSY experiment of compound 5 ( $\text{CDCl}_3$ )

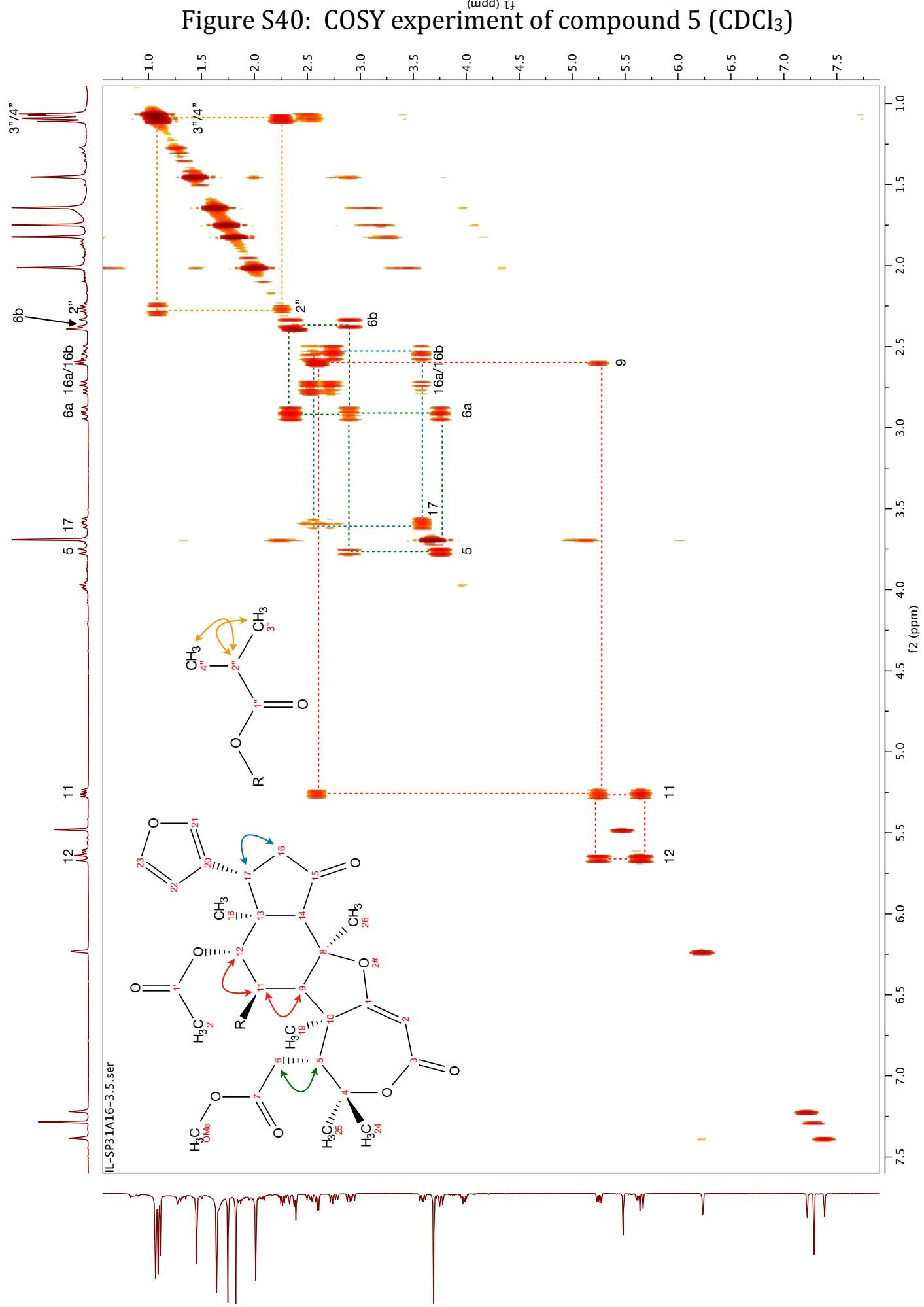


Figure S41: HMQC experiment of compound 5 ( $\text{CDCl}_3$ )

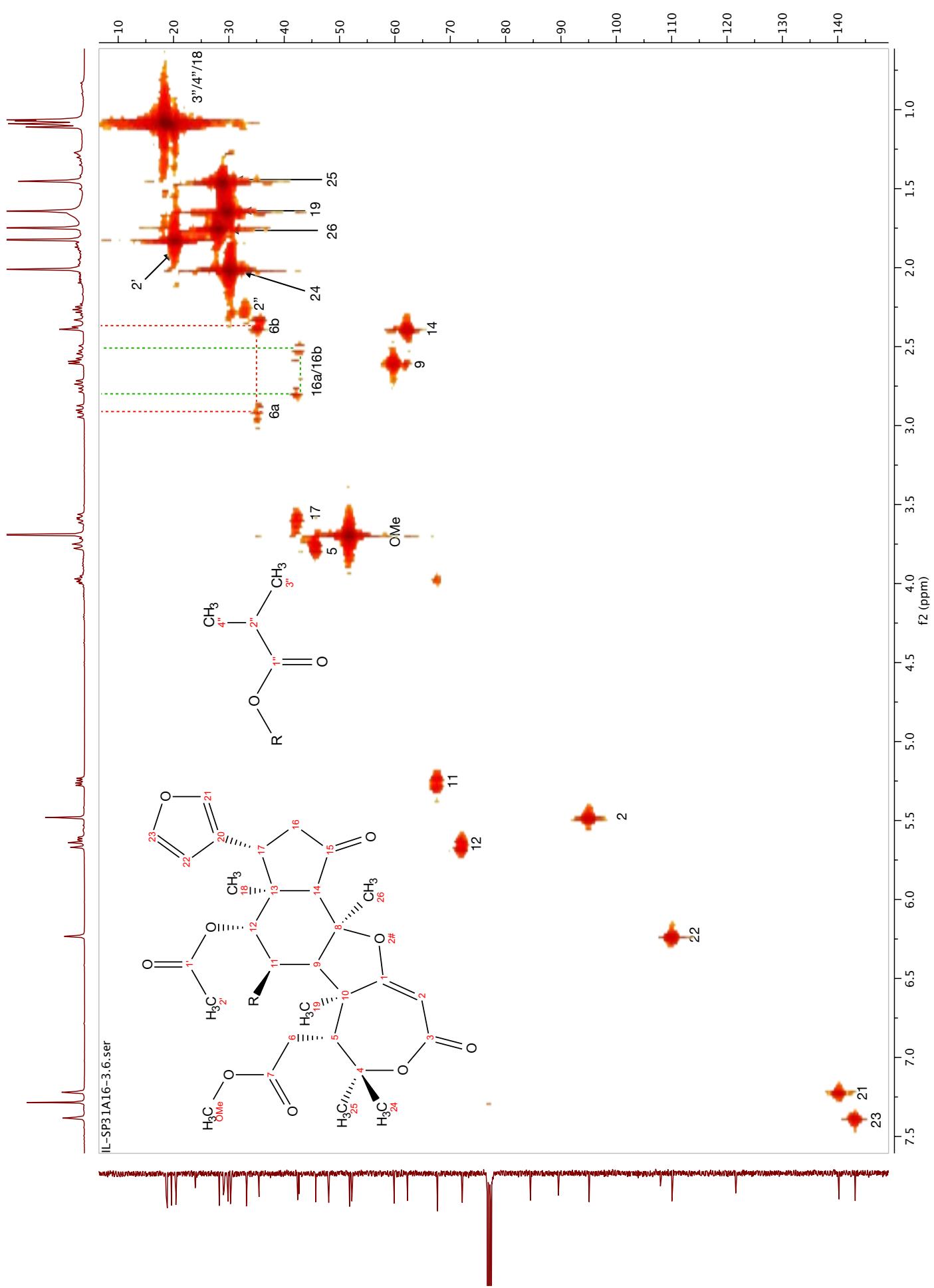


Figure S42: HMBC experiment of compound 5 ( $\text{CDCl}_3$ )

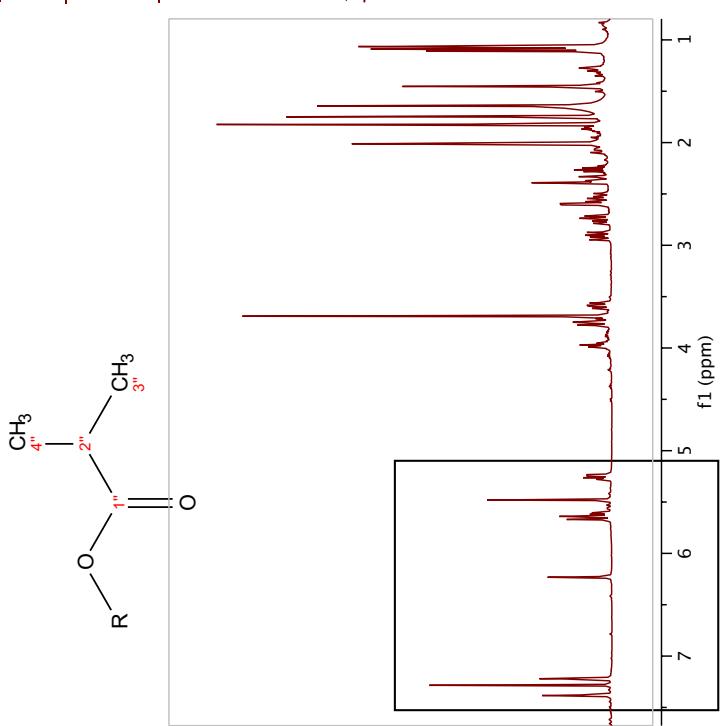
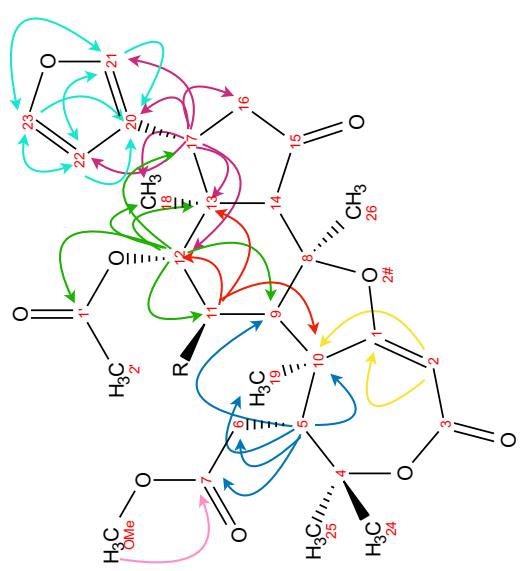
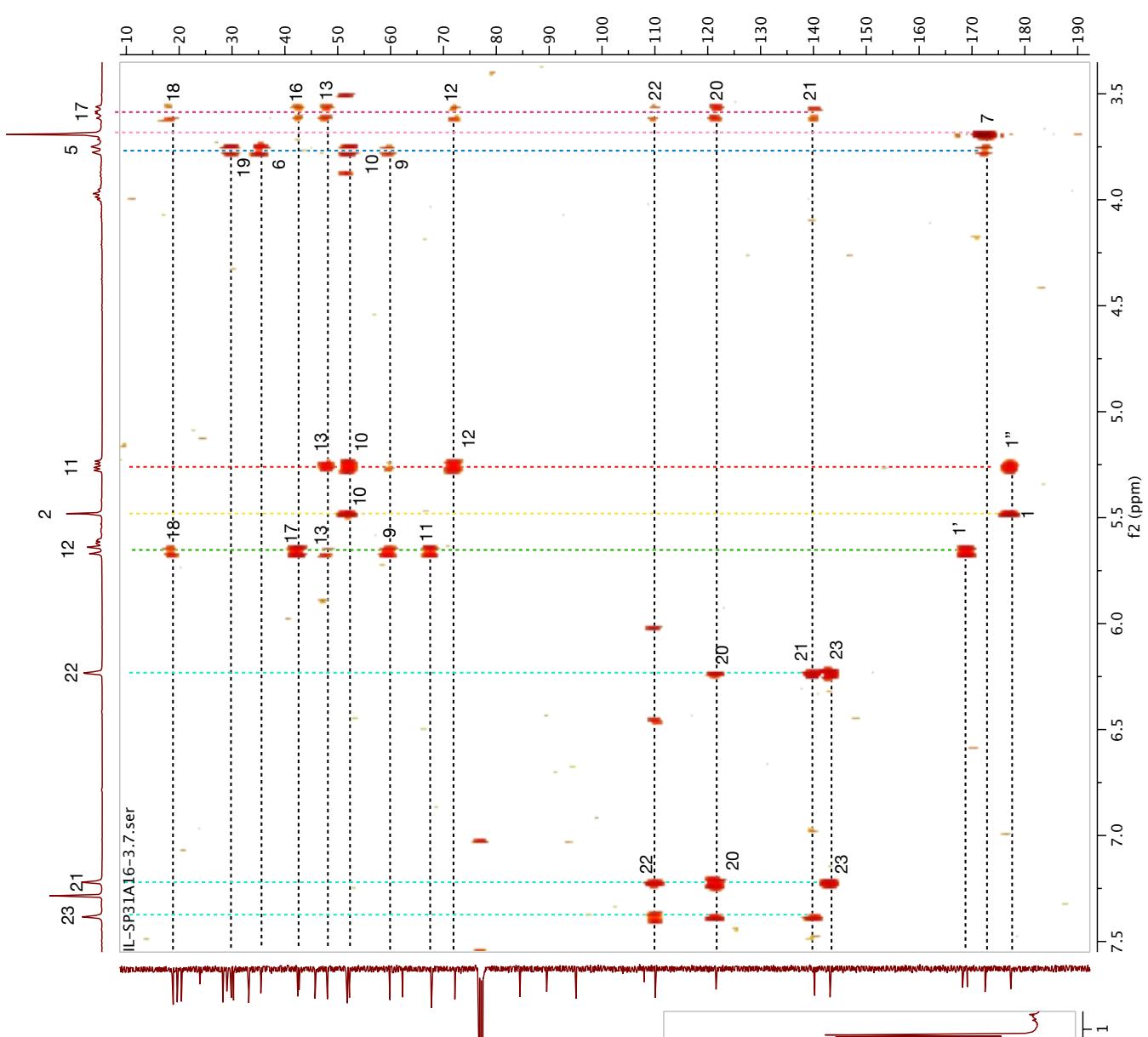


Figure S43: HMBC experiment of compound 5 ( $\text{CDCl}_3$ )

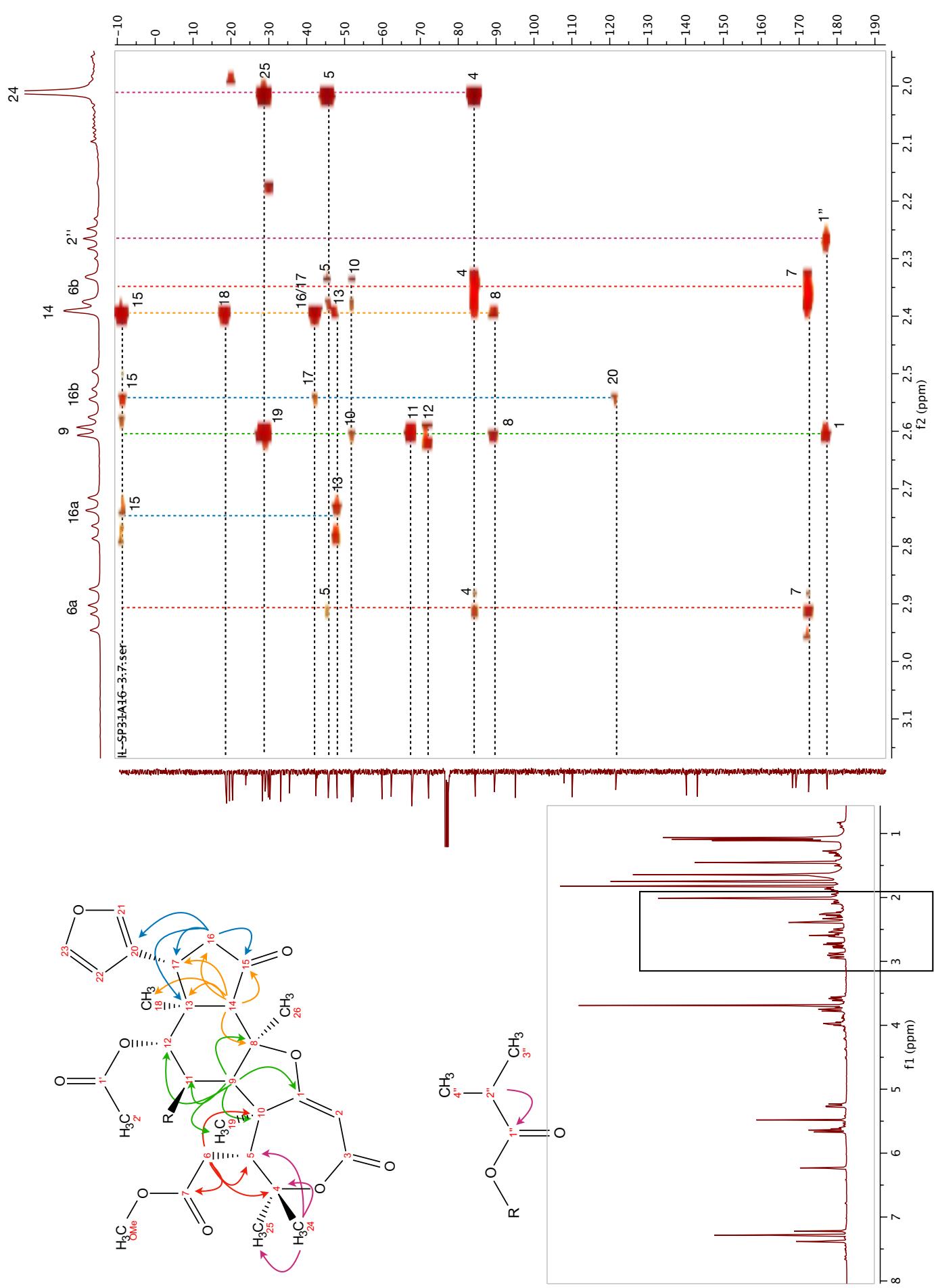


Figure S44: HMBC experiment of compound 5 ( $\text{CDCl}_3$ )

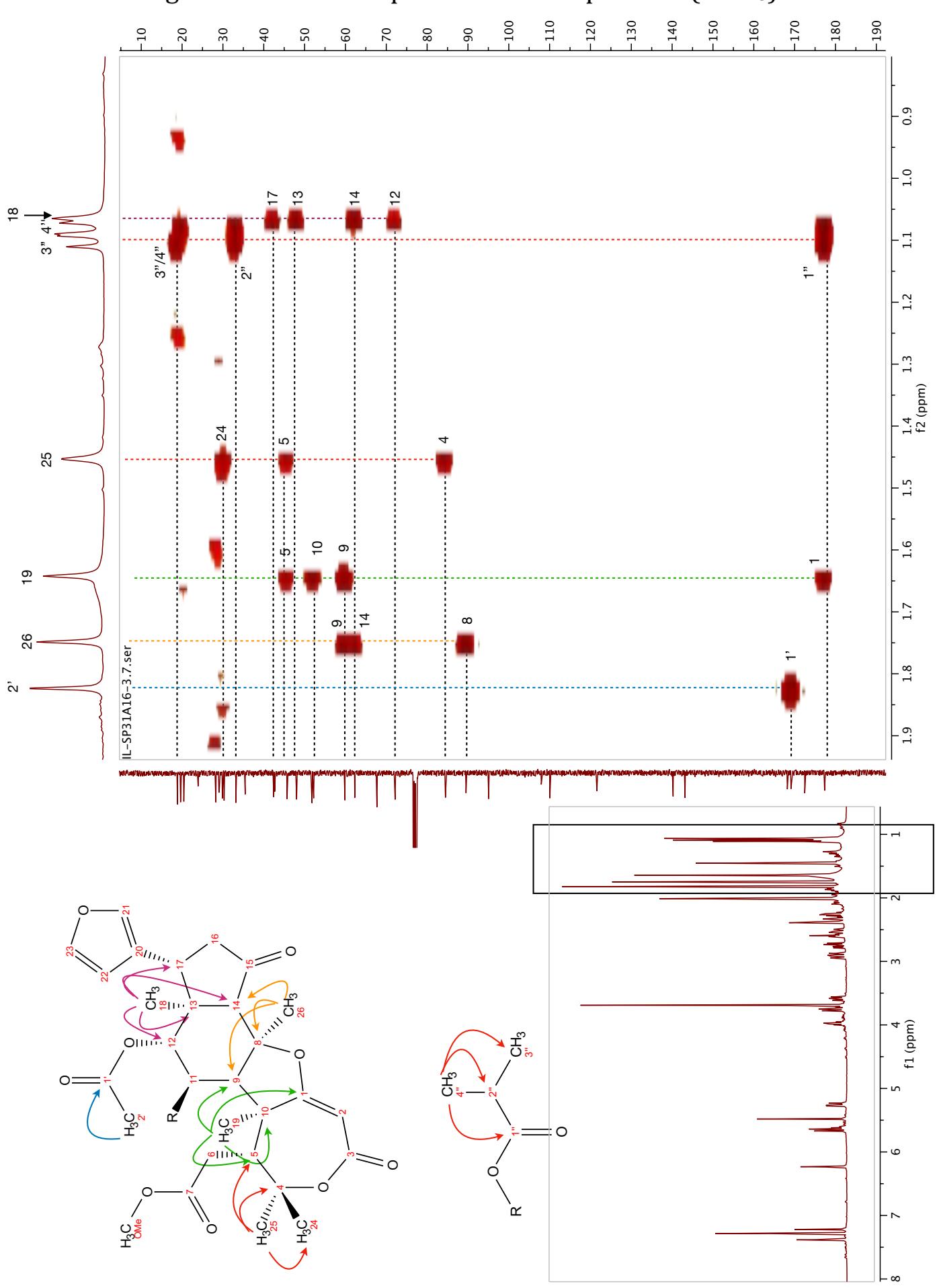


Figure S45: NOESY experiment of compound 5 ( $\text{CDCl}_3$ )

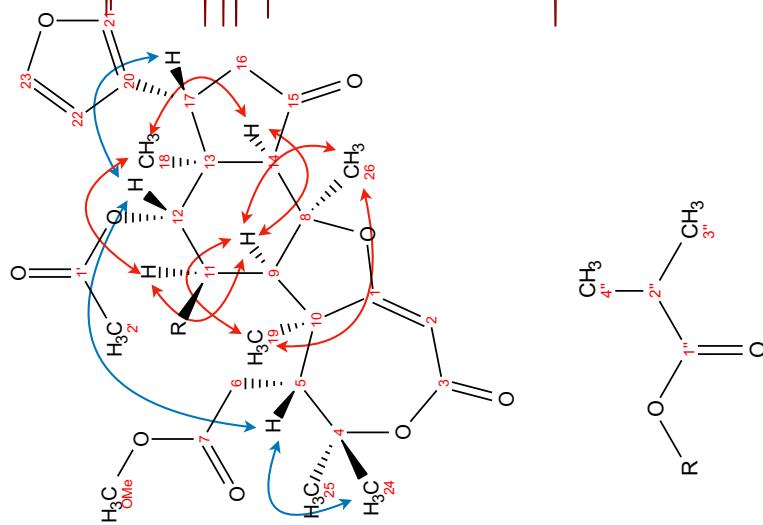
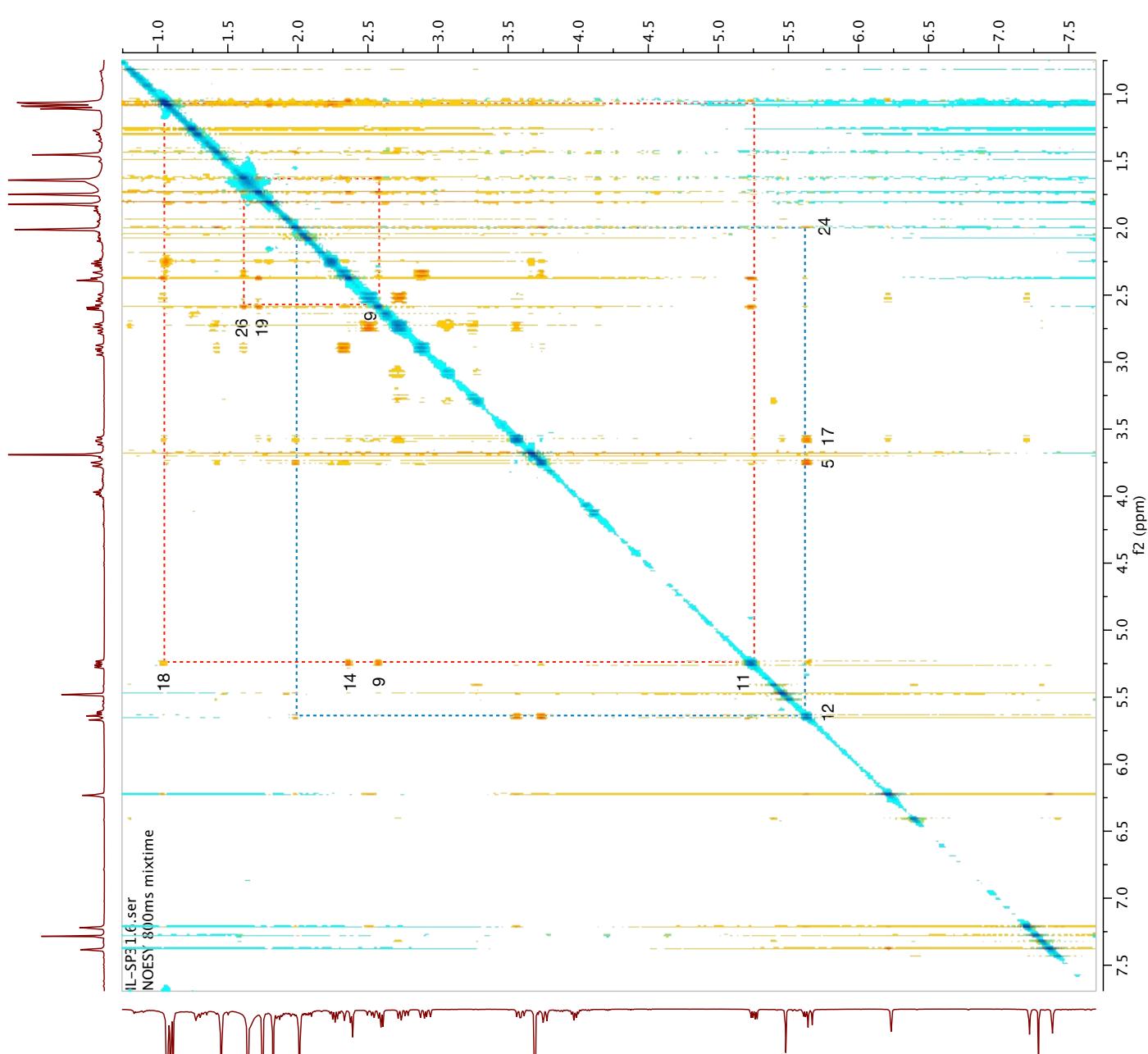


Figure S46: HRMS and IR spectra of compound 5

