Supplementary Information

Selective Inhibition of Human Monoamine oxidase B by 5-Hydroxy-2-Methyl-Chroman-4-One Isolated from an Endogenous Lichen Fungus *Daldinia fissa*

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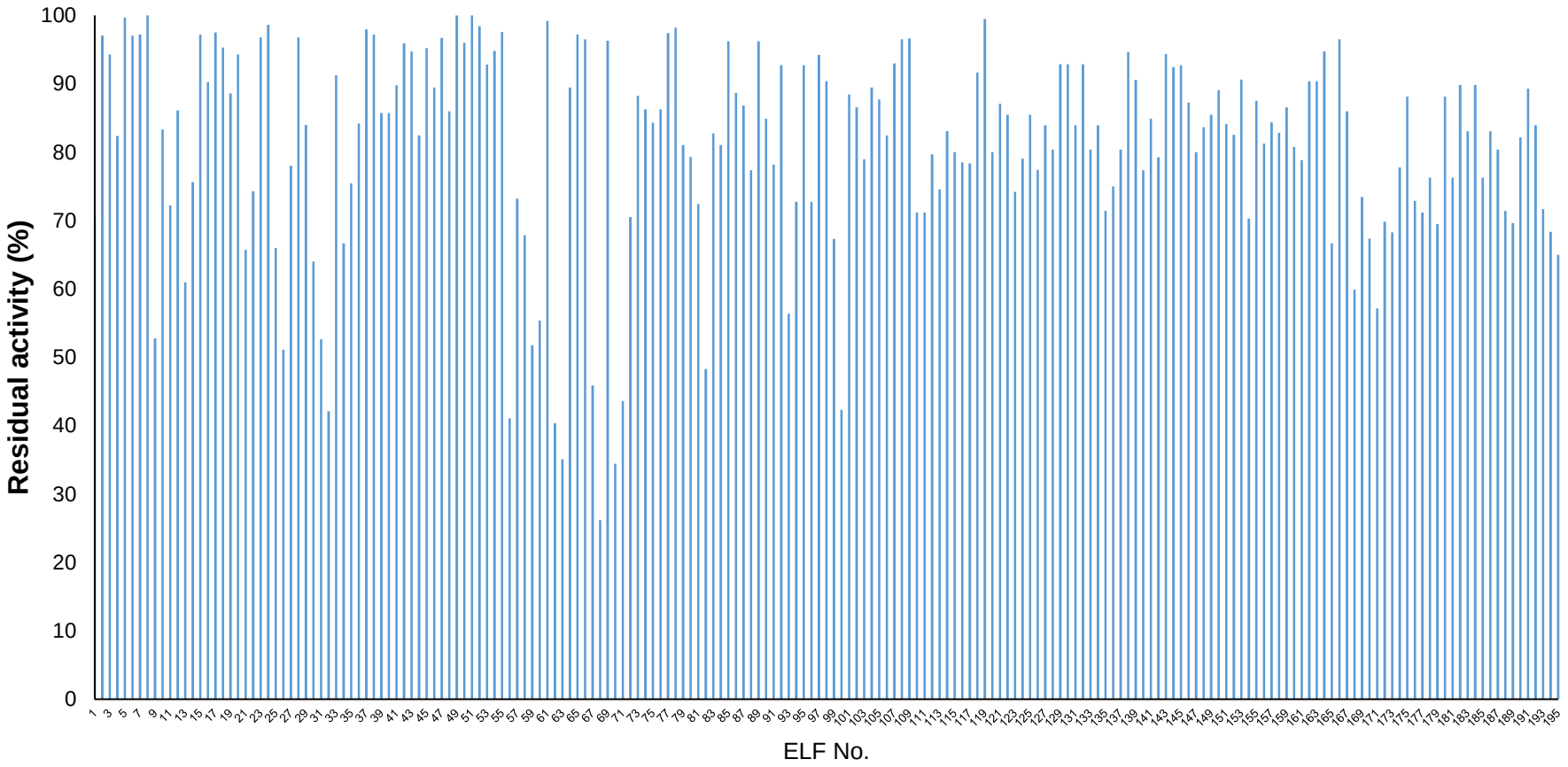


Figure S1. Inhibitory activity of ELF 195 extracts against MAO-A at 20 μg/mL.

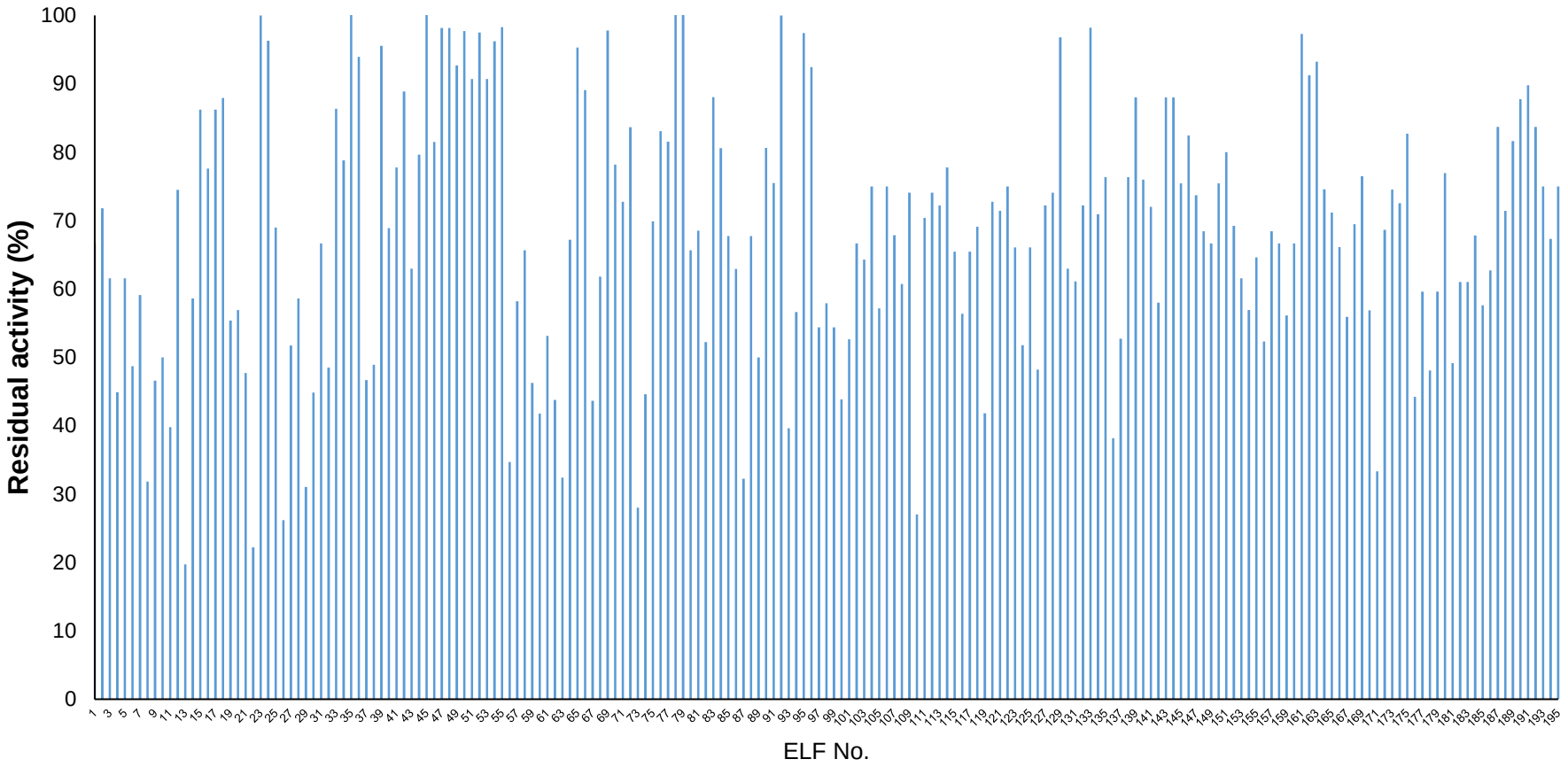


Figure S2. Inhibitory activity of ELF 195 extracts against MAO-B at 20 μg/mL.

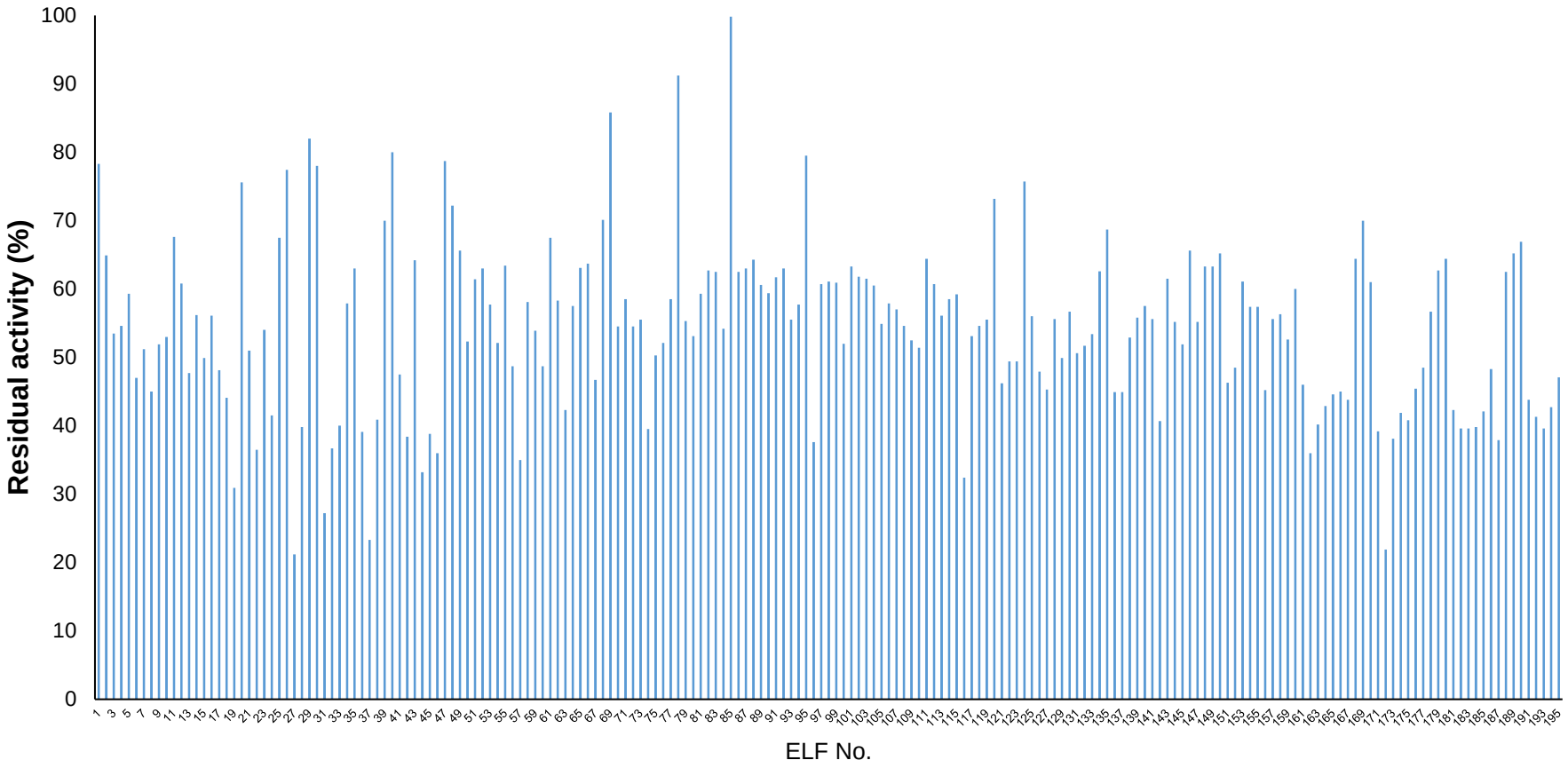


Figure S3. Inhibitory activity of ELF 195 extracts against AChE at 50 μg/mL.

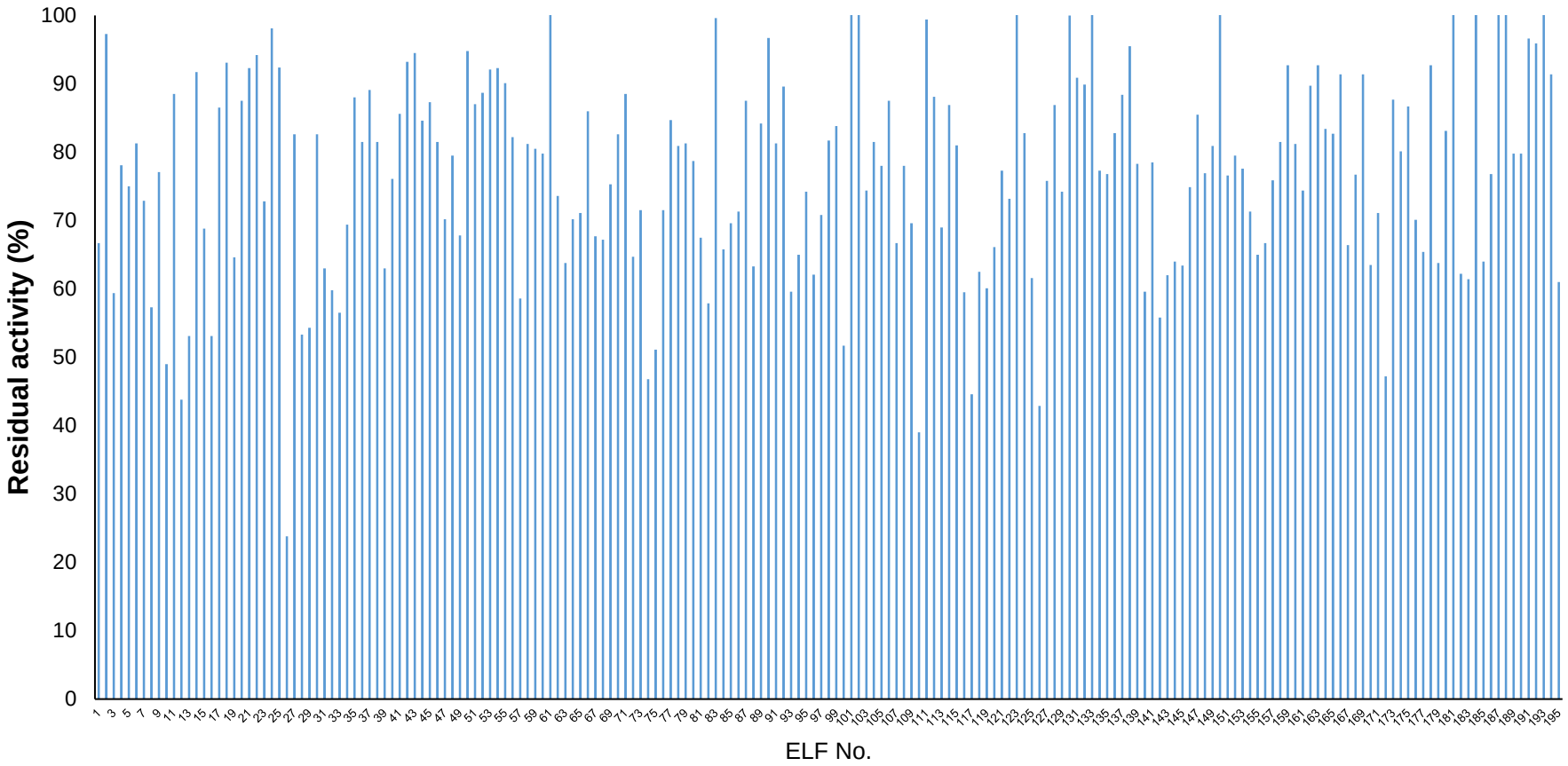


Figure S4. Inhibitory activity of ELF 195 extracts against BChE at 50 μg/mL.

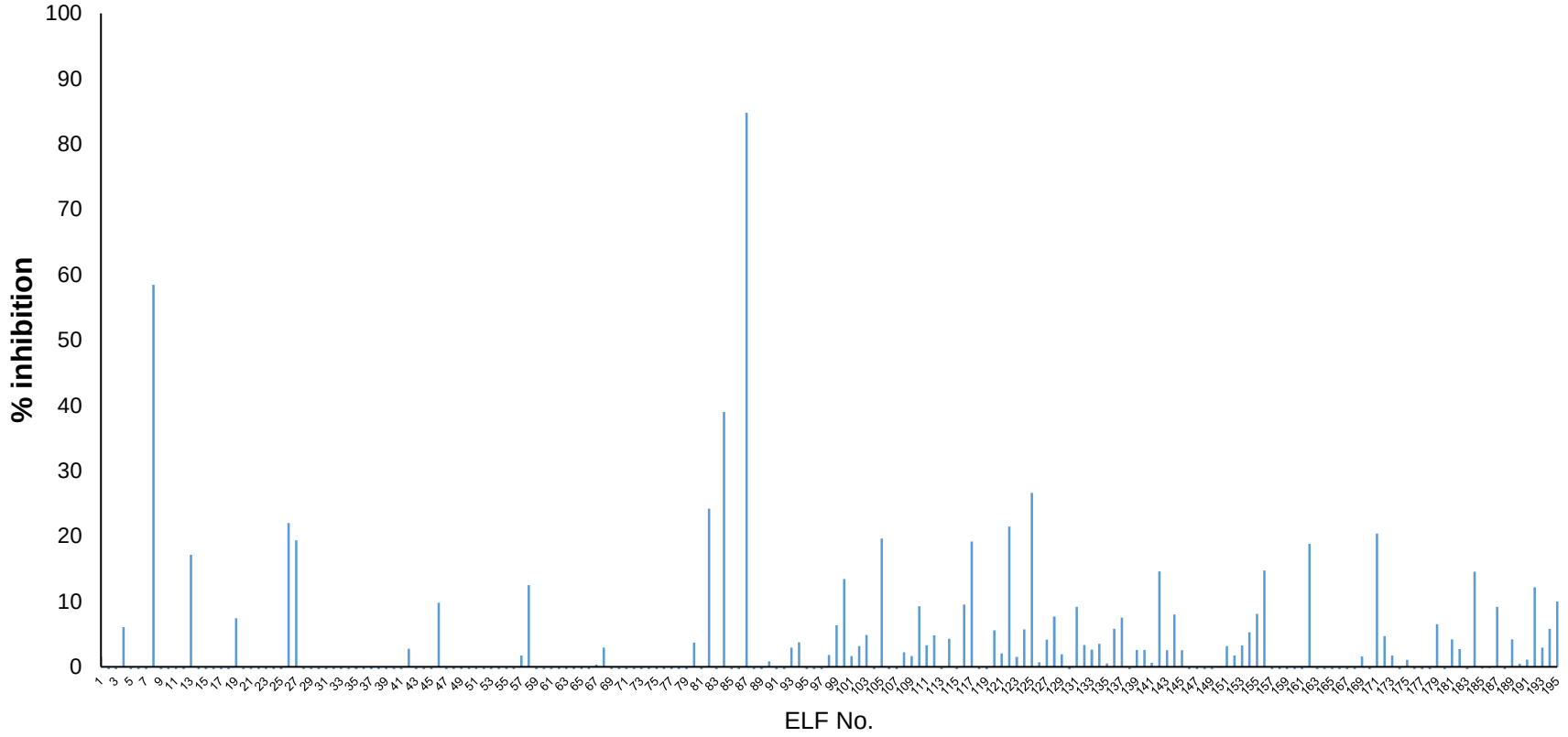


Figure S5. Antioxidant activity of ELF 195 extract using DPPH at 100 μg/mL.

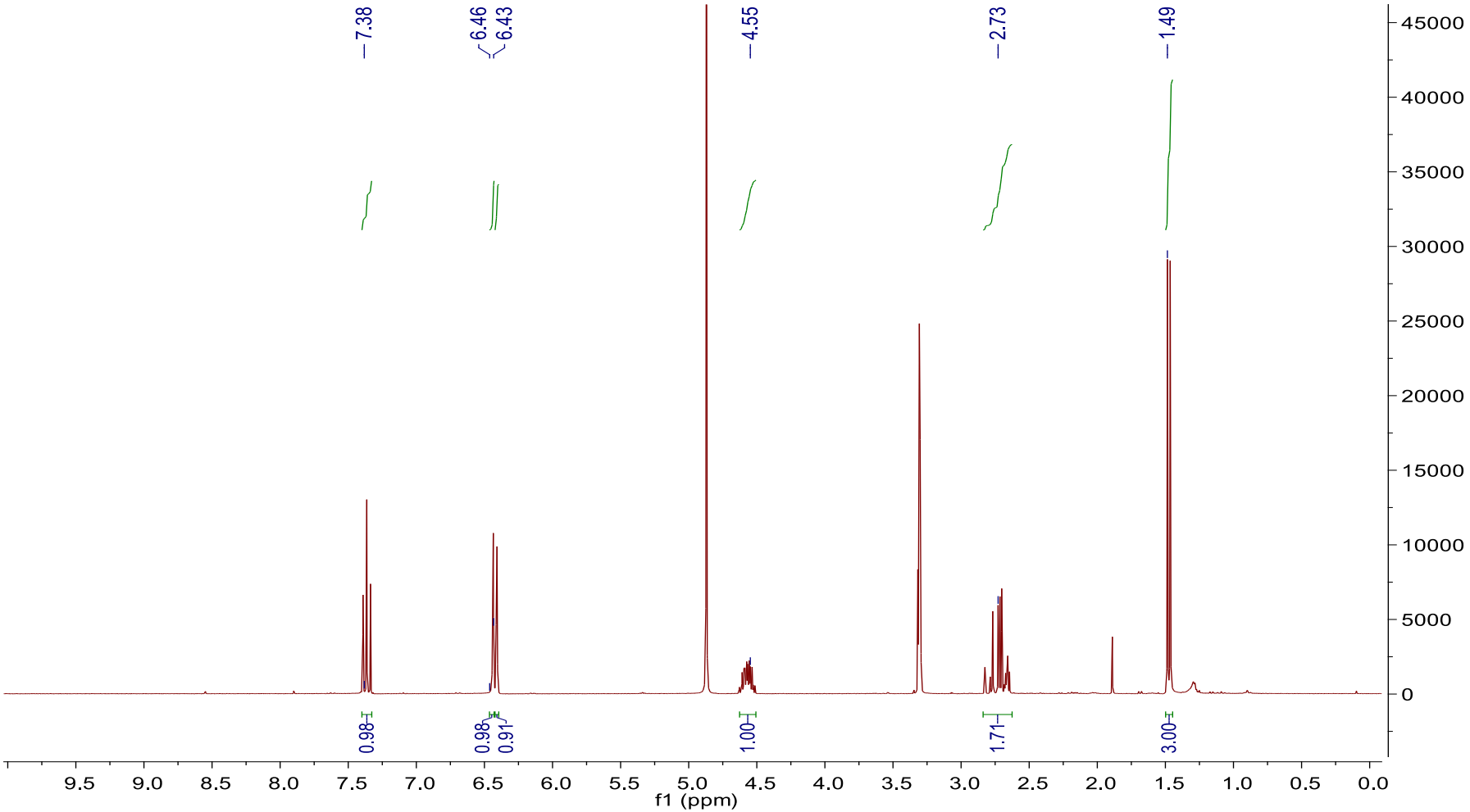


Figure S6. ^{1}H NMR spectrum of compound **C2**.

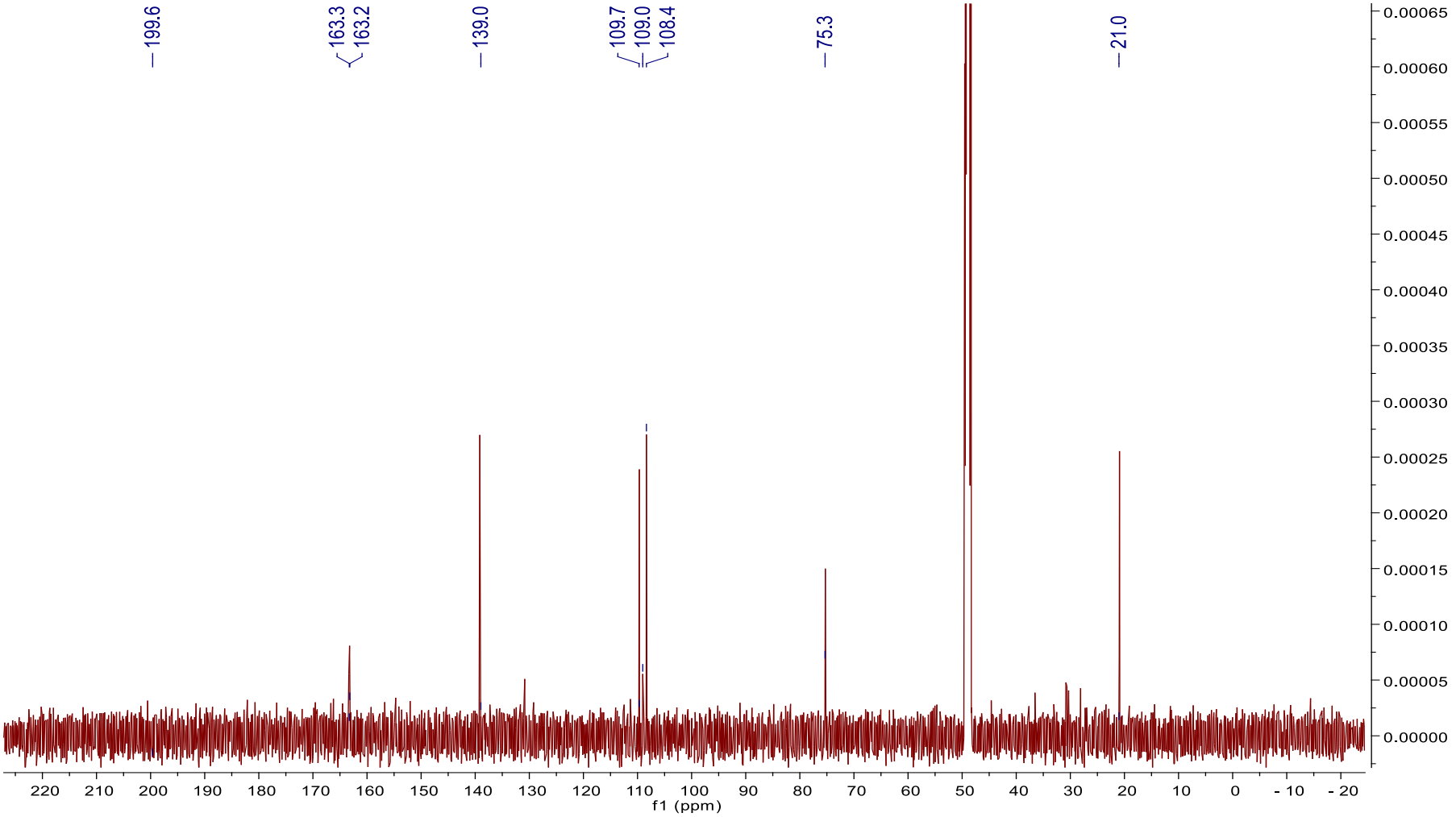


Figure S7. ^{13}C NMR spectrum of compound **C2**.

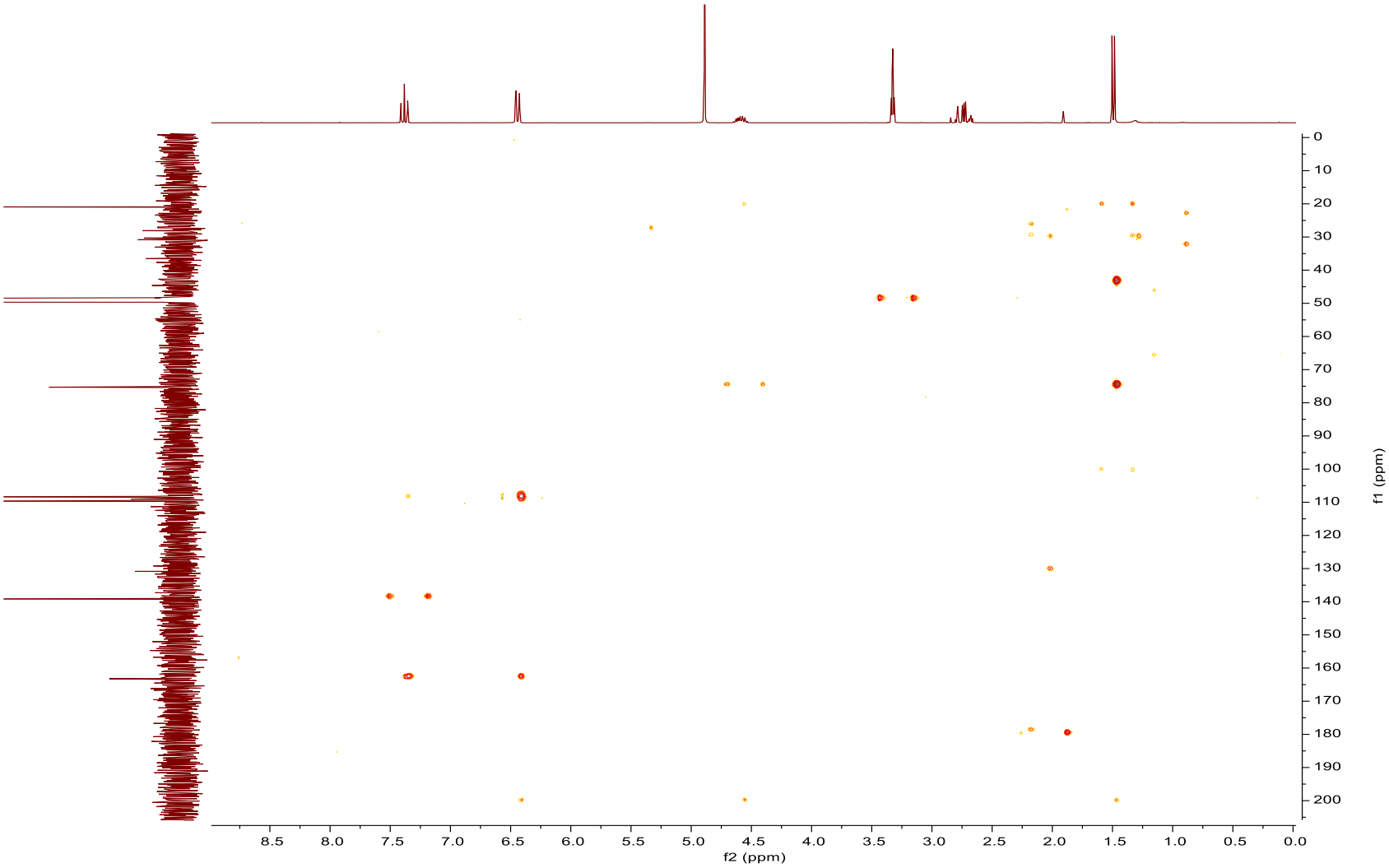


Figure S8. HMBC NMR spectrum of compound **C2**.

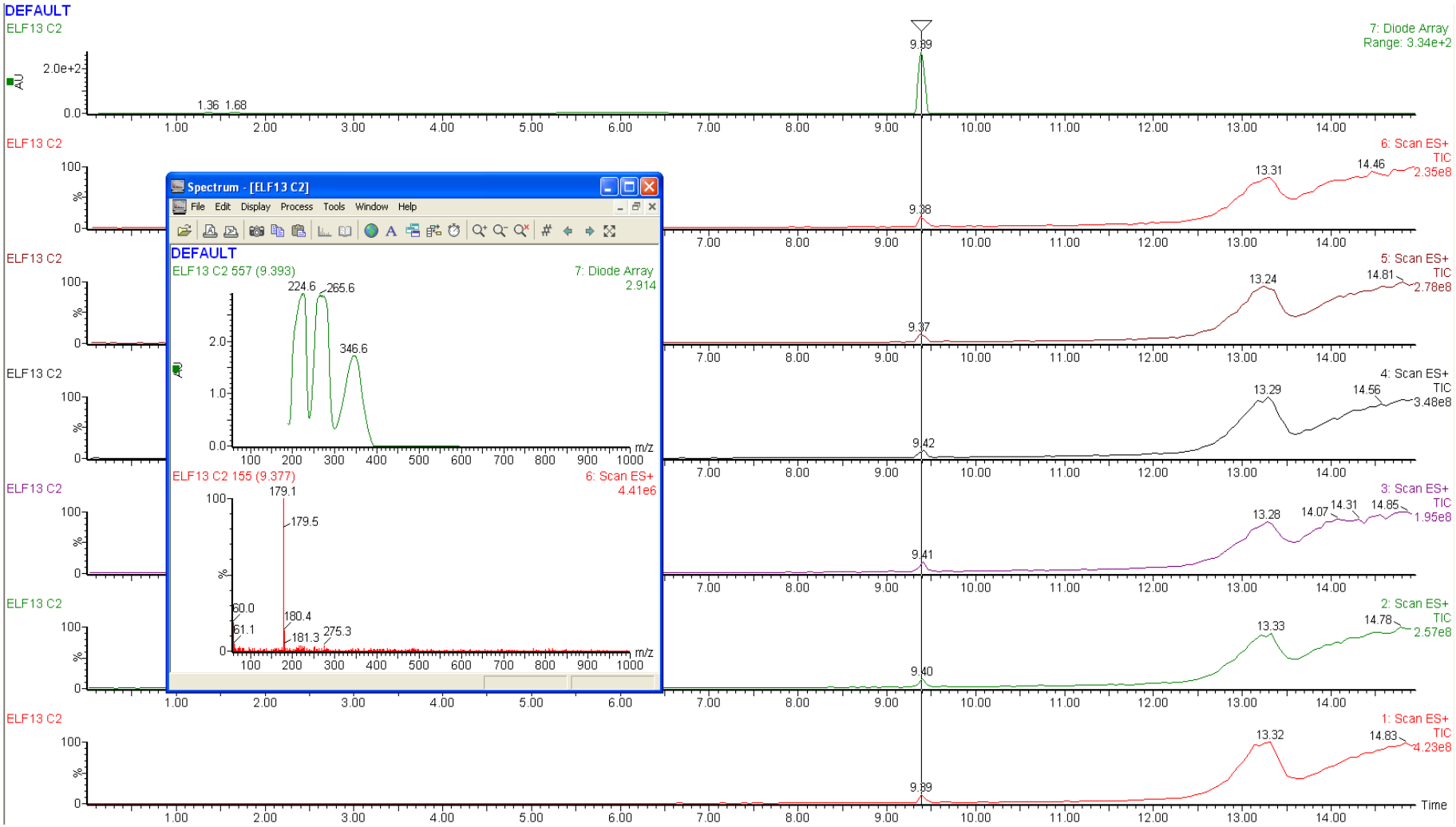


Figure S9. LC/MS chromatogram of compound **C2**.

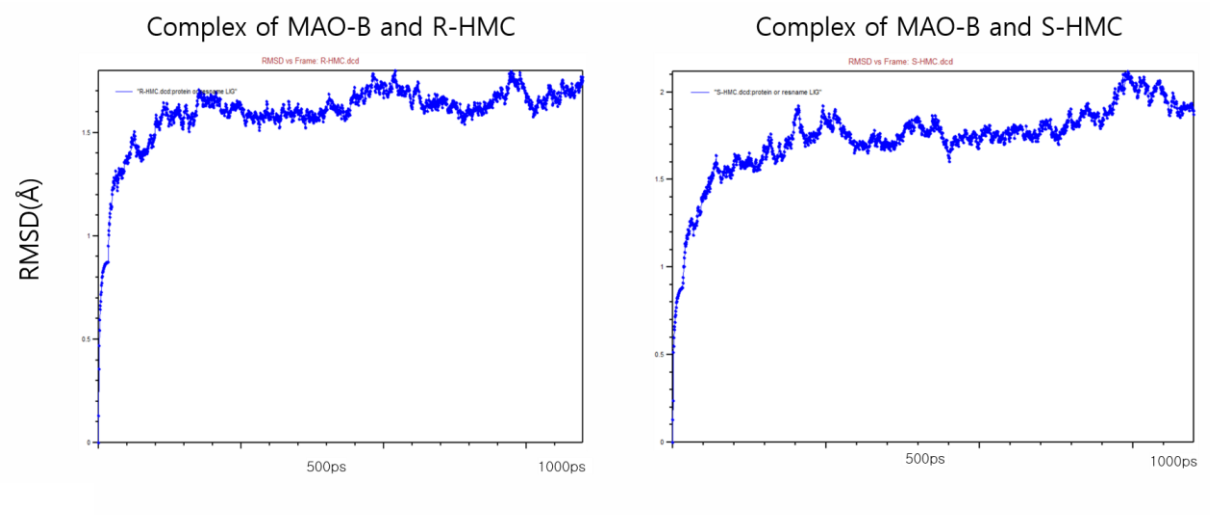


Figure S10. Plots of root mean square deviation during 1000 ps MD simulation of MAO-B in complexes with (*R*)- and (*S*)-HMC.

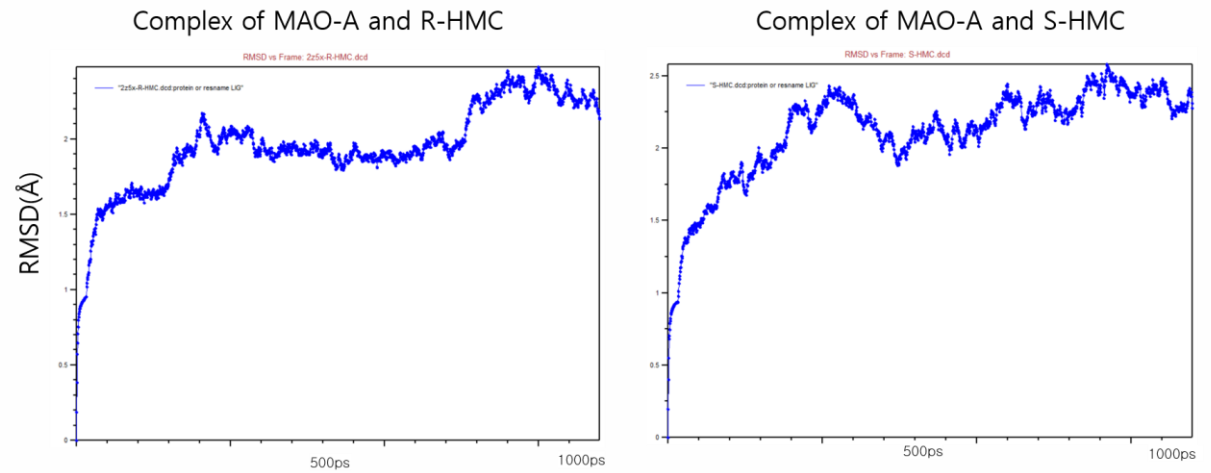


Figure S11. Plots of root mean square deviation during 1000 ps MD simulation of MAO-A in complexes with (*R*)- and (*S*)-HMC.