Structural and Mechanistic Studies of Mofegiline Inhibition of Recombinant Human Monoamine Oxidase B

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Supporting Information

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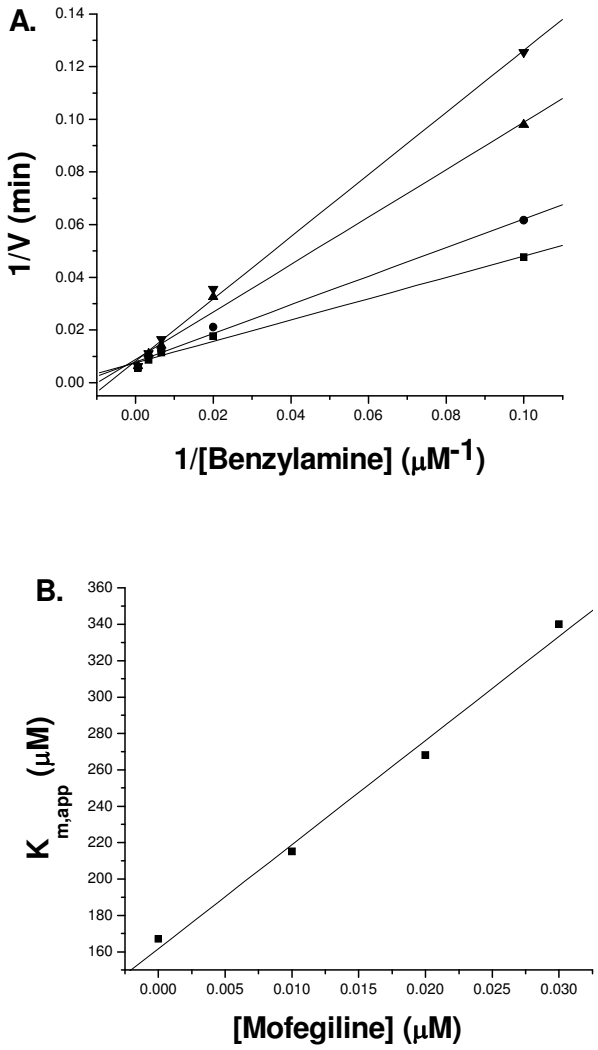

Figure S1. Mofegiline is a competitive inhibitor of human MAO-B. **A.** The activity of MAO-B was assayed at varied concentrations of benzylamine with a constant inhibitor concentration of: (■) 0 μM of mofegiline, (●) 0.01 μM of mofegiline, (▲) 0.02 μM of mofegiline, (▼) 0.03 μM of mofegiline. **B.** The inhibitor concentration was plotted as a function of apparent K_m for the determination of the inhibition constant.

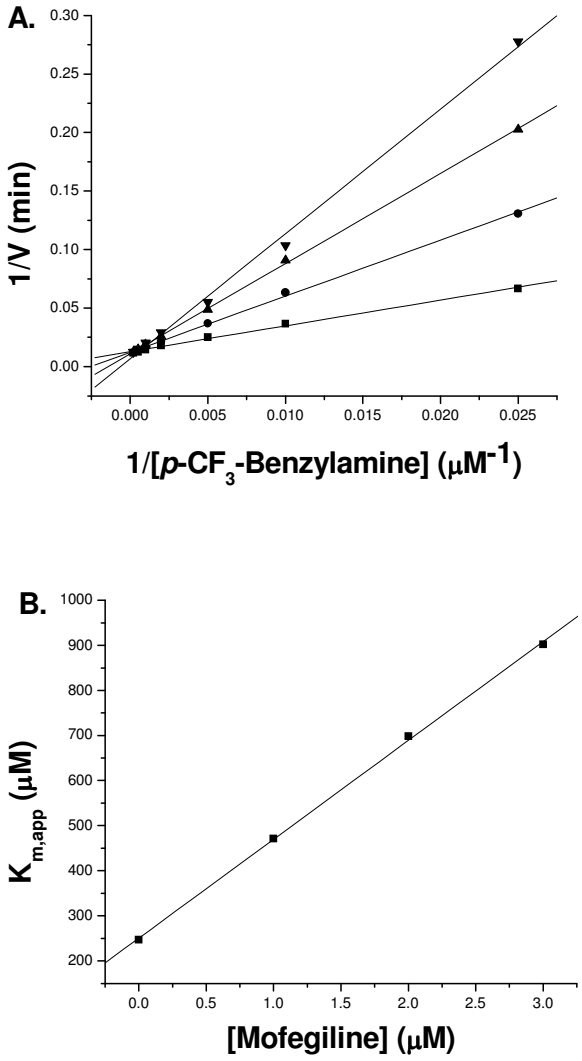

Figure S2. Mofegiline is a competitive inhibitor of human MAO-A. **A.** The activity of MAO-A was assayed at varied concentrations of *p*-CF_3-benzylamine with a constant inhibitor concentration of: (■) 0 μM of mofegiline, (●) 1 μM of mofegiline, (▲) 2 μM of mofegiline, (▼) 3 μM of mofegiline. **B.** The inhibitor concentration was plotted as a function of apparent K_m for the determination of the inhibition constant.