Nanomolar Inhibitor of *Trypanosoma brucei* Trypanothione Reductase

Significance: The parasitic protozoa responsible for trypanosomiasis, Chagas’ disease, and leishmaniasis require the reduction of trypanothione disulfide to trypanothione, which the parasites use in several essential processes. Target molecule \(N\) is the strongest competitive inhibitor in vitro of trypanothione reductase from *Trypanosoma cruzi* reported to date.

Comment: Note the construction of highly hindered amine \(E\) by nucleophilic substitution of benzotriazole from \(N, N\)-acetal \(B\) by the organomagnesium reagent \(D\).