Silver-Catalyzed Intermolecular Bromotrifluoromethoxylation of Alkenes

**Significance:** The development of new methods to introduce a trifluoromethoxy group into drugs or agrochemicals is important because of the strongly electron-withdrawing nature and high lipophilicity of this moiety. The authors report a silver-catalyzed enantioselective bromotrifluoromethoxylation of alkenes with a new trifluoromethoxylation reagent.

**Comment:** The developed trifluoromethoxylation reagent, trifluoromethyl 4-fluorobenzenesulfonate, is easily prepared and thermally stable, and shows good reactivity. The bromotrifluoromethoxylation method can be applied to a variety of alkenes, including small, complex molecules.