Total Synthesis of (+)-Hosieine A

**Significance:** The authors report a nine-step total synthesis of enantioenriched (+)-hosieine A. Natural products of the hosieine family were isolated from *O. hosiei* and show nanomolar activity against the nicotinic acetylcholine receptors (nAChRs). For a previous synthesis of (–)-hosieine A, see: J. Ouyang, R. Yan, X. Mi, R. Hong Angew. Chem. Int. Ed. 2015, 54, 10940.

**Comment:** The synthesis relied on a gold-catalyzed, enantioconvergent Rautenstrauch rearrangement that afforded enone K. After base-induced Michael addition to form L and reductive amination, spontaneous lactamization took place to give N. The lactam was reduced eventually with borane to give enantioenriched (+)-hosieine A.