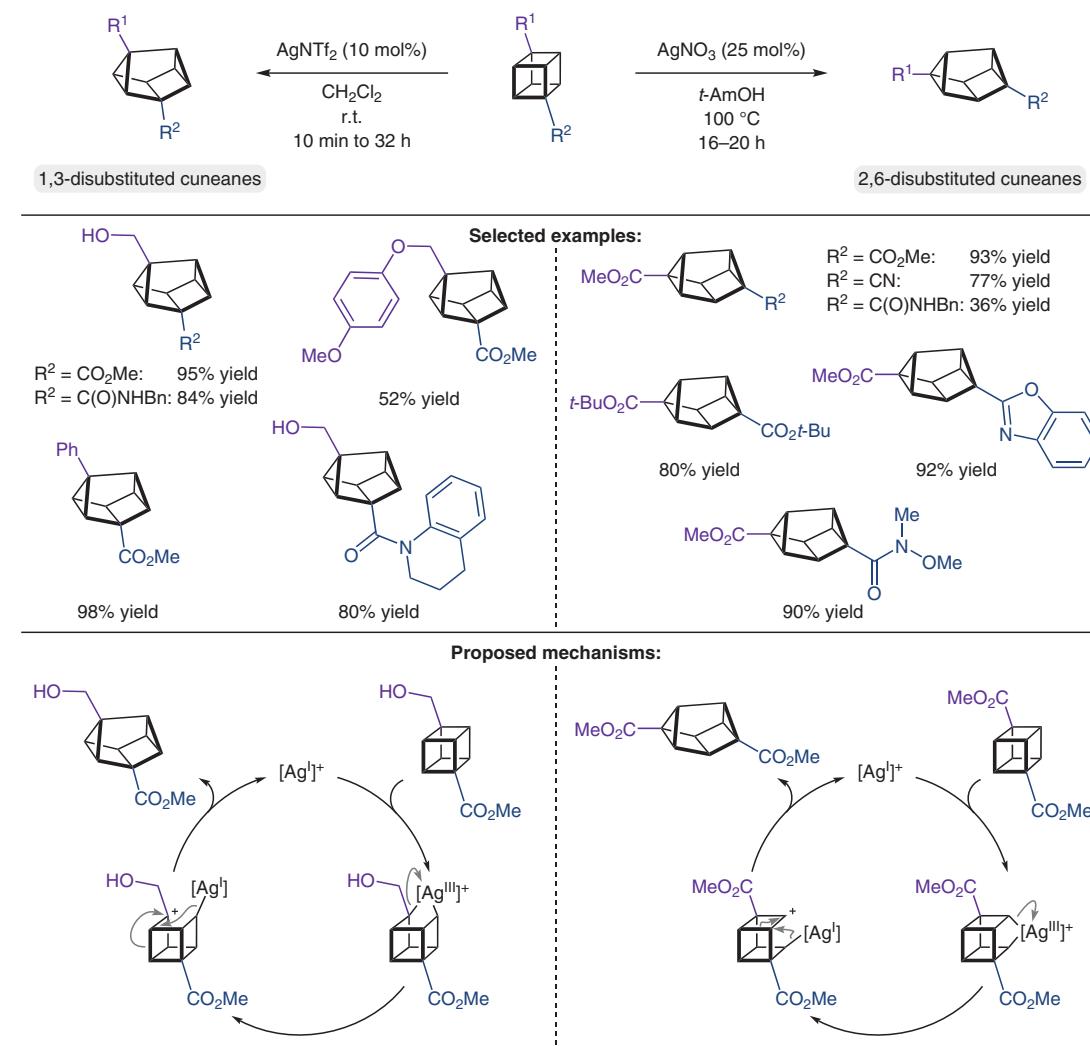


Silver(I)-Catalyzed Rearrangement of 1,4-Disubstituted Cubanes to 1,3- or 2,6-Disubstituted Cuneanes



Significance: Lam and co-workers disclosed a silver(I)-catalyzed rearrangement of 1,4-disubstituted cubanes to 1,3- or 2,6-disubstituted cuneanes. The regioselectivity is strongly dependent on the electronic character of the substituents.

Comment: To explore those strained hydrocarbons as isosteres of 1,3-disubstituted benzenes, an analogue of the anticancer drug sonidegib was prepared by replacing the 1,2,3-trisubstituted benzene with a 1,3-disubstituted cuneane.