Palladium-Catalyzed Anti-Markovnikov Hydroalkylation of Homoallylic Alcohols

**Significance:** Lin and Qing report a mild and convenient protocol for the anti-Markovnikov hydroalkylation of \( \beta,\beta \)-difluorinated homoallylic alcohols. The palladium-catalyzed reaction with alkylzinc reagents furnishes the products in good to excellent yields.

**Comment:** The reported protocol affords a wide range of synthetically useful \( \text{gem} \)-difluorinated compounds with good functional-group compatibility. Moreover, the results show that the transposition of \( \text{CH}_2 \) into \( \text{CF}_2 \) at the allylic position of homoallylic alcohols can modify the electronic and steric environment of the alkene.