**Palladium-Catalyzed Dicarbonylation of 1,3-Dienes for the Synthesis of Adipic Acid Esters**

**Significance:** The authors describe a palladium-catalyzed dicarbonylation of 1,3-dienes using carbon monoxide. Various adipate diesters were produced in good to excellent yield with high selectivity.

**Comment:** The authors used kinetic experiments to support the proposed mechanism. Scaling up the reaction to over 200 g with a lower catalyst loading gave the product in excellent yield and selectivity.