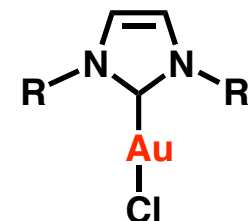
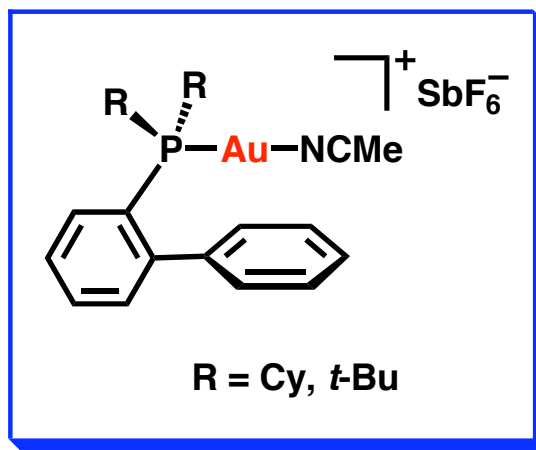
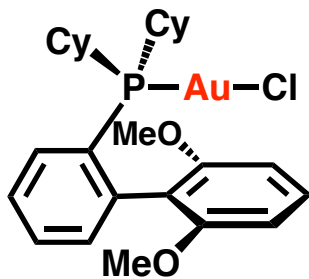


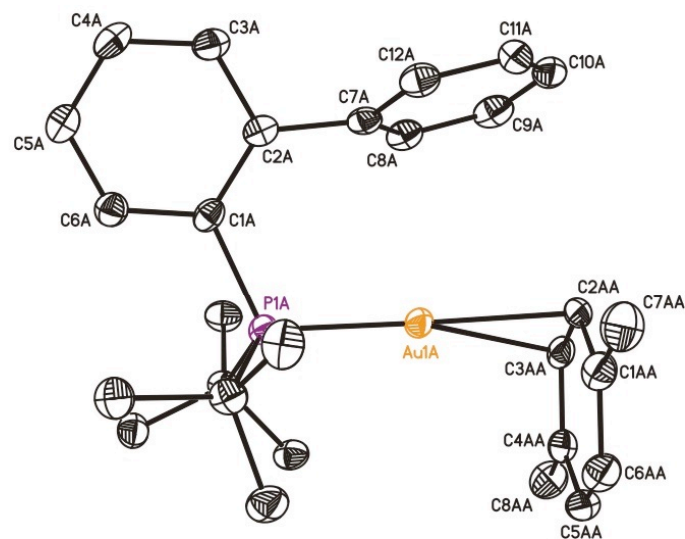
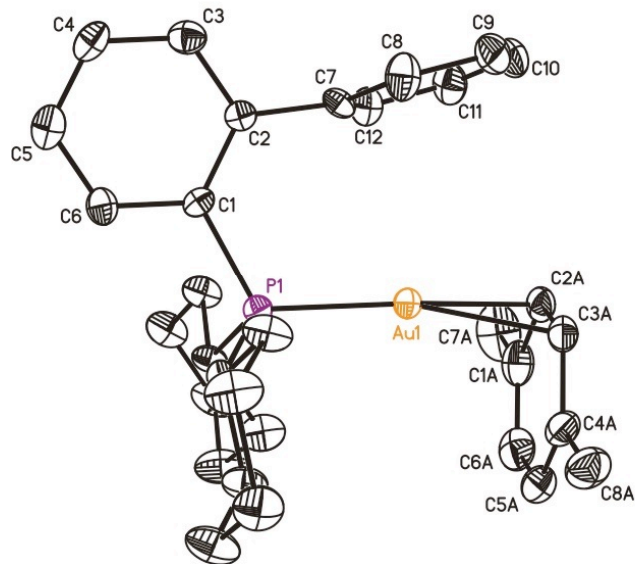
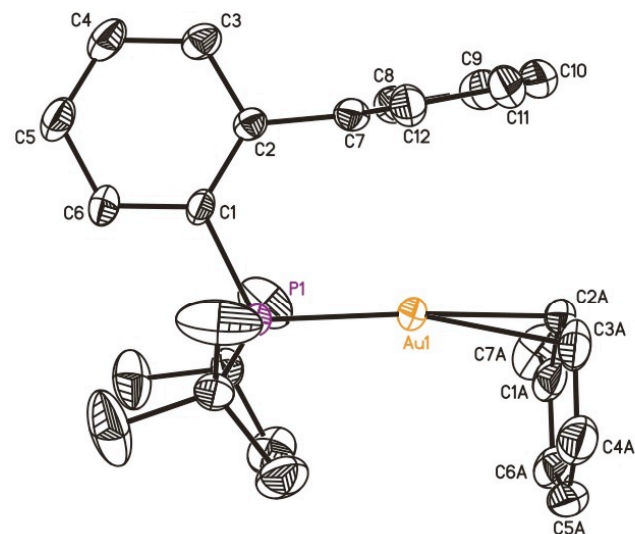
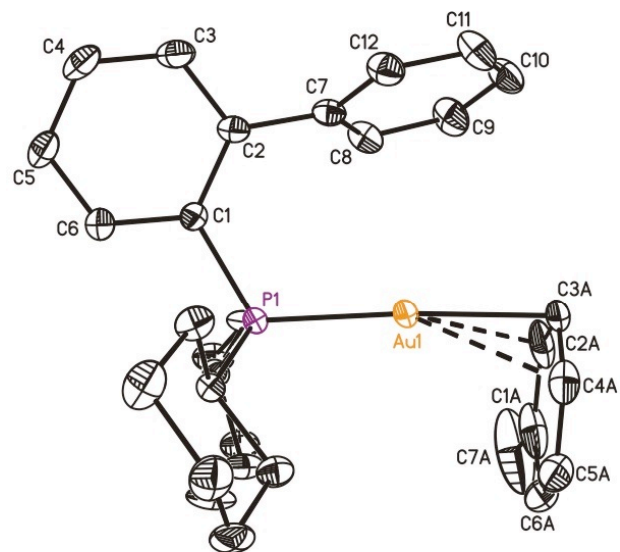
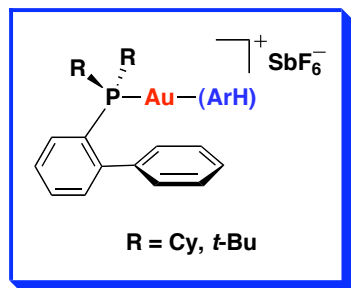
R = Cy, R' = H  
 R = *t*-Bu, R' = H  
 R = Cy, R' = *i*-Pr



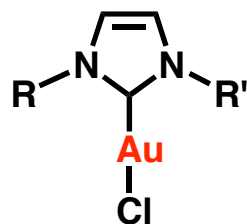
R = R' = Mes  
 R = Mes, R' = Me  
 R = R' = Me



## New Au(I) Complexes

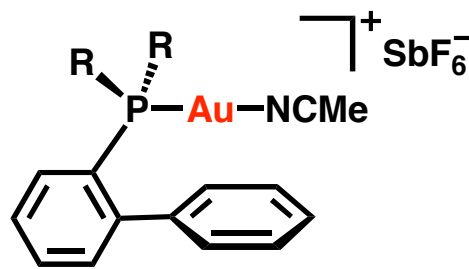


*Angew. Chem. Int. Ed.* **2006**, *45*, 5455.

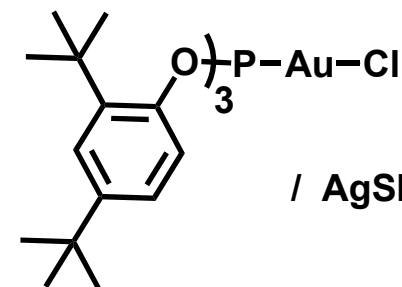


/  $\text{AgSbF}_6$

R = R' = Mes  
 R = Mes, R' = Me  
 R = R' = Me



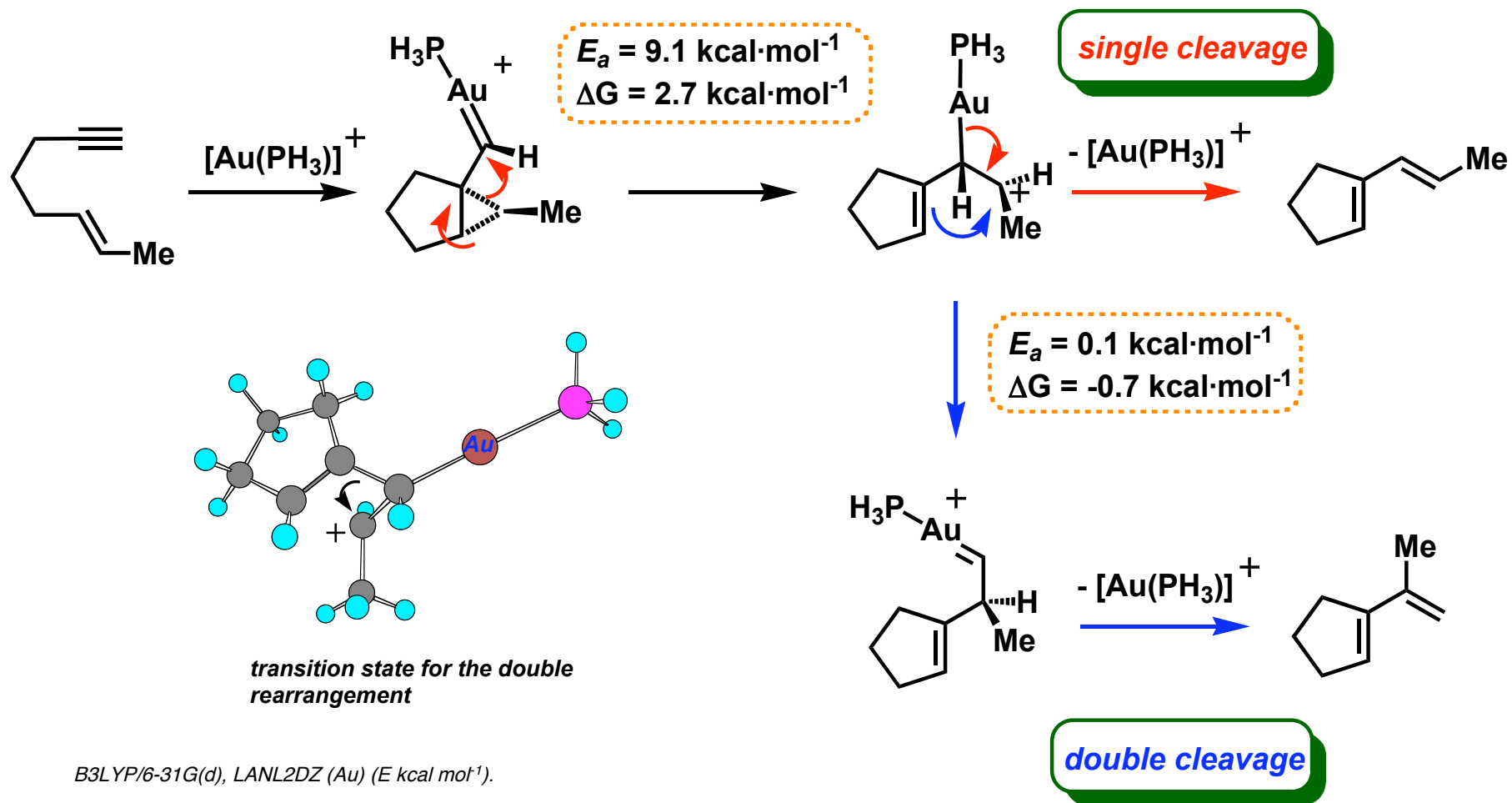
R = Cy, *t*-Bu

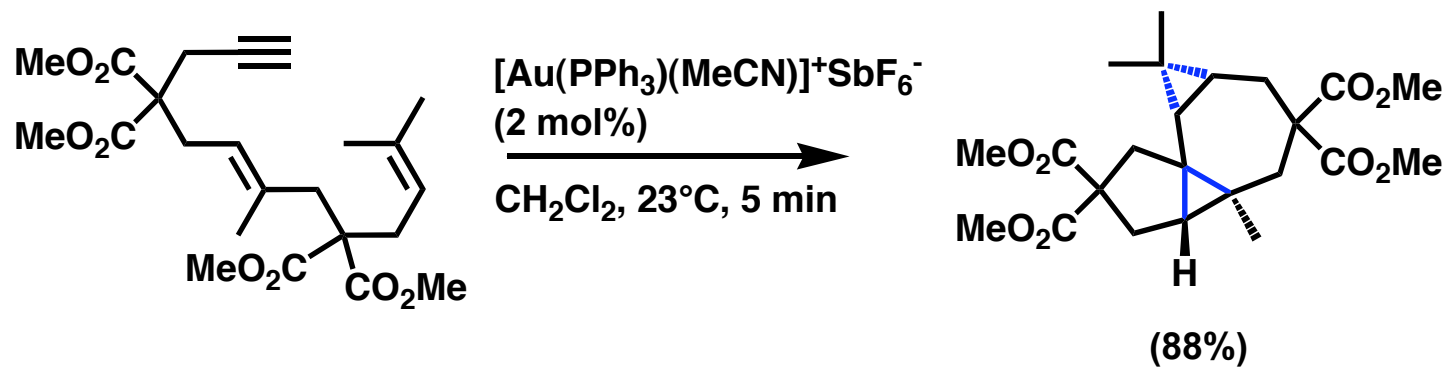
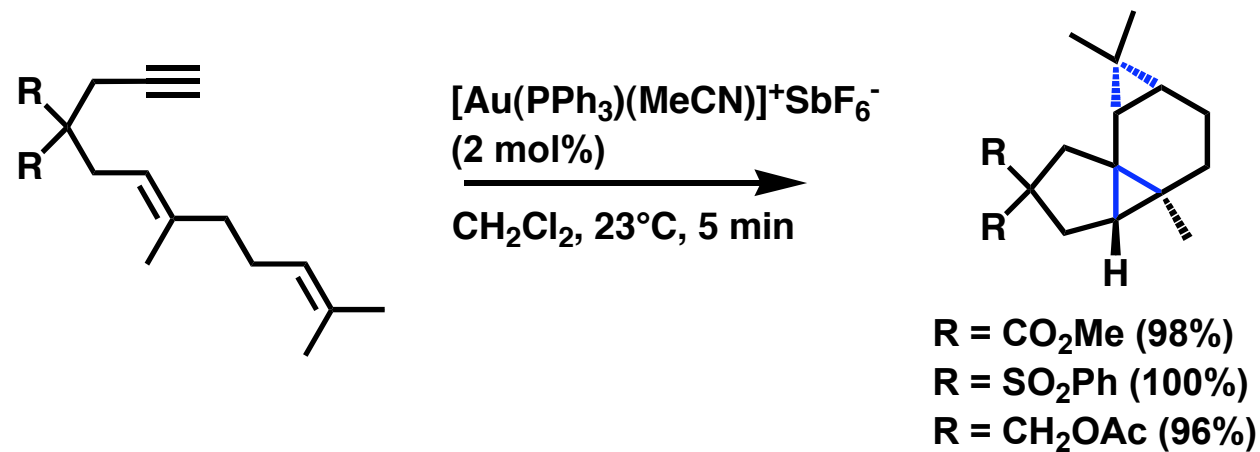


/  $\text{AgSbF}_6$

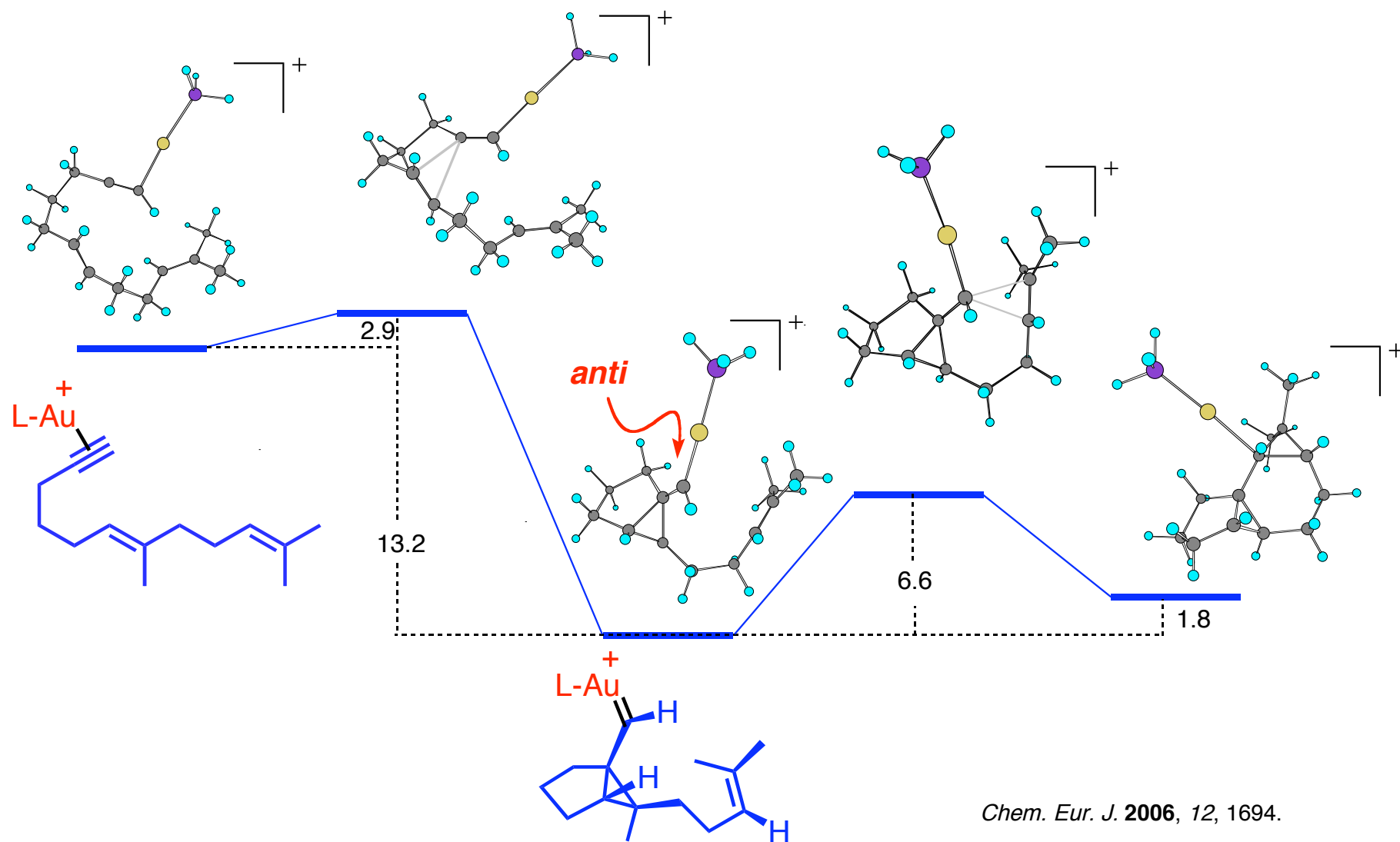
AuCl

electrophilicity

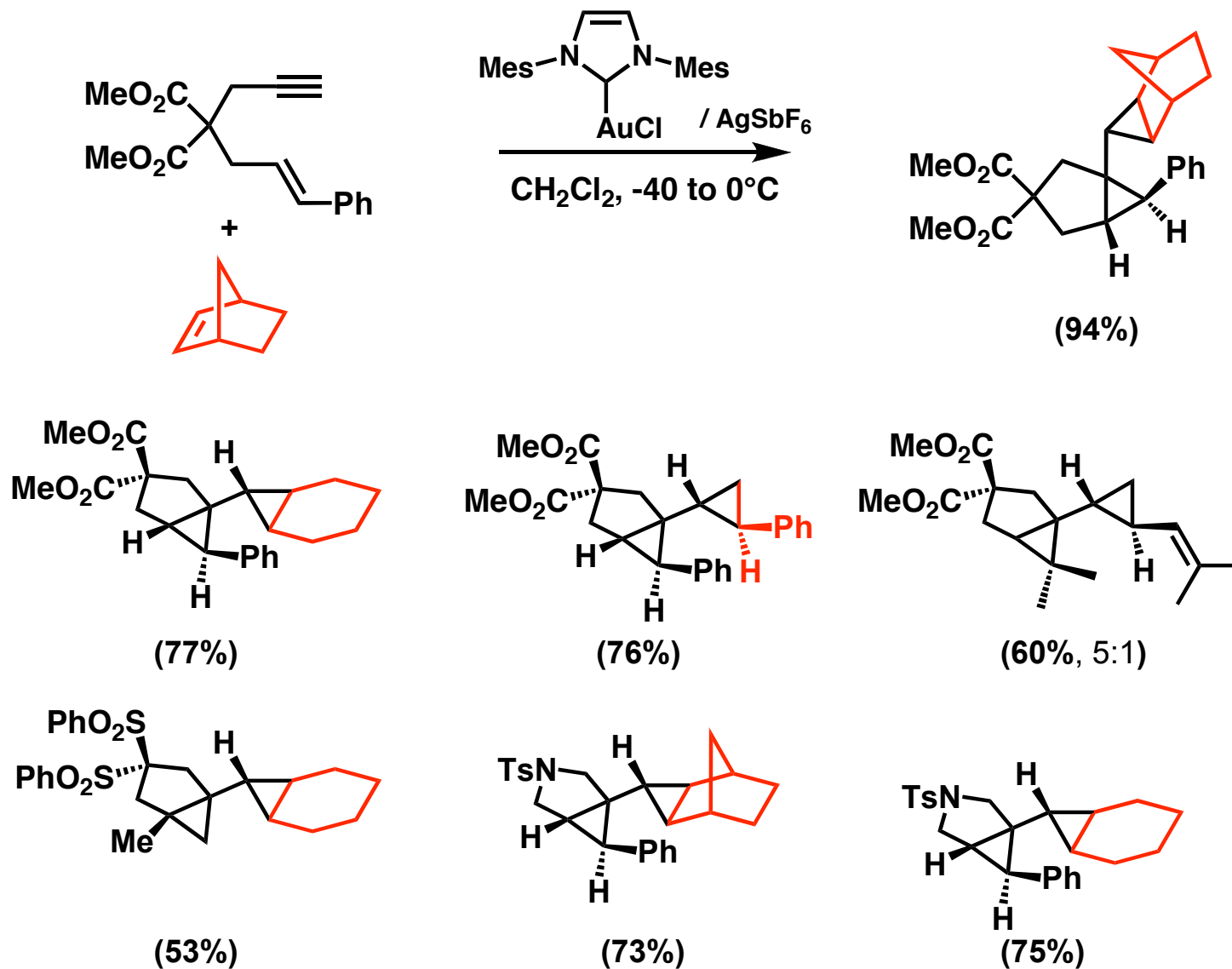




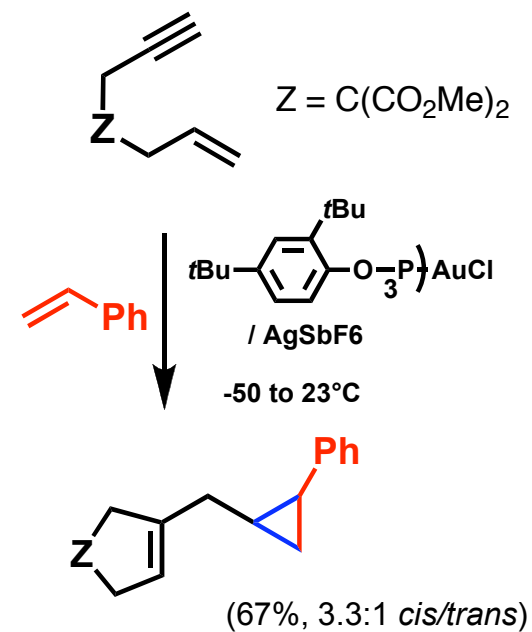
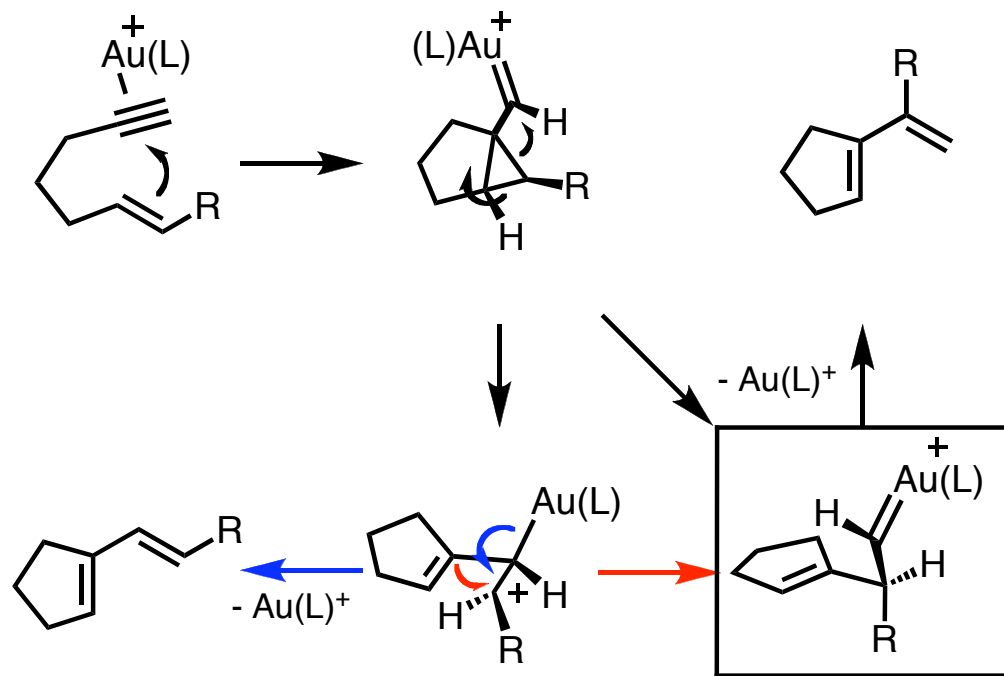
*Au(I)-Catalyzed Biscyclopropanation of Dienynes*



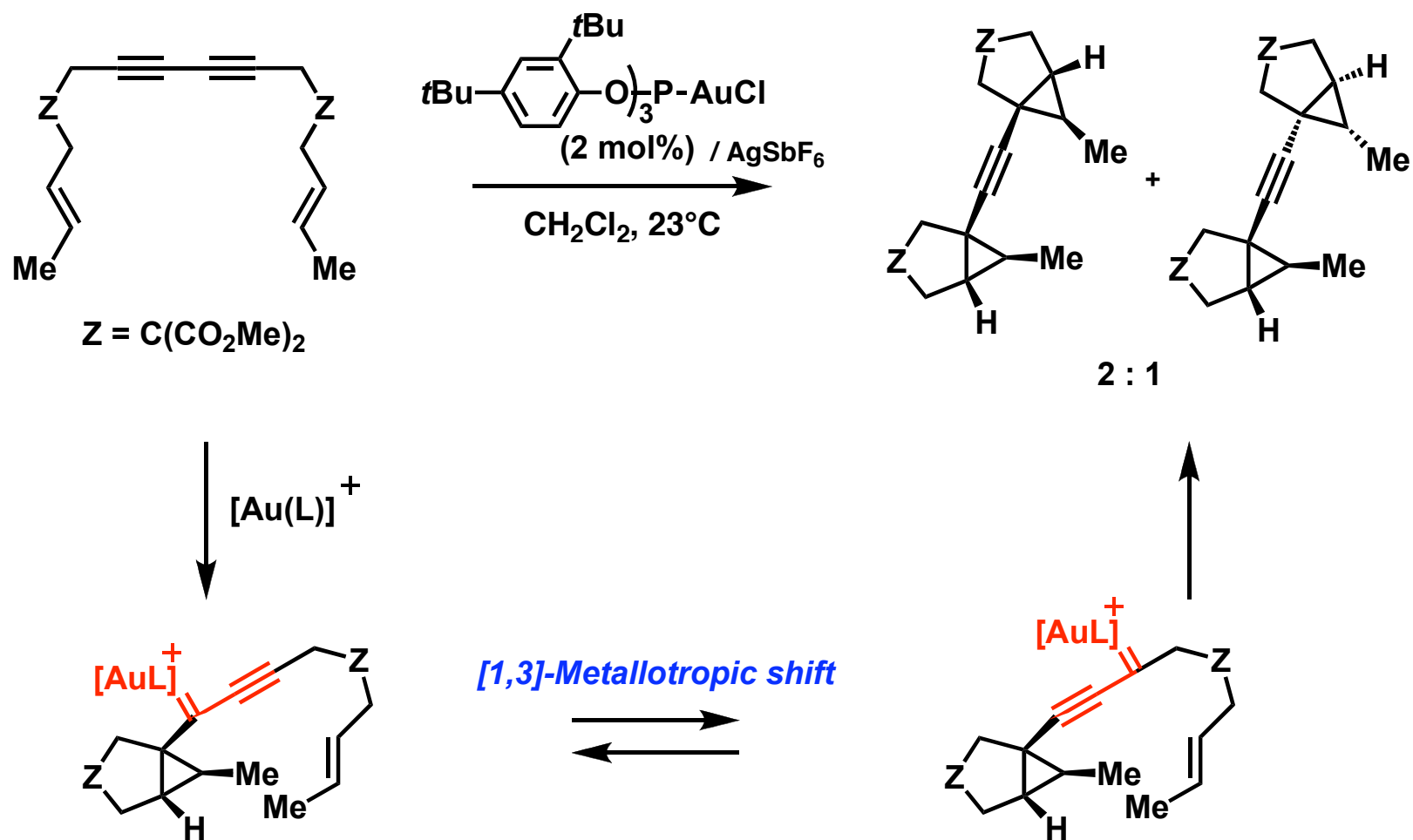
*Au(I)-Catalyzed Intermolecular Cyclopropanation*



*Au(I)-Catalyzed Intermolecular Cyclopropanation*

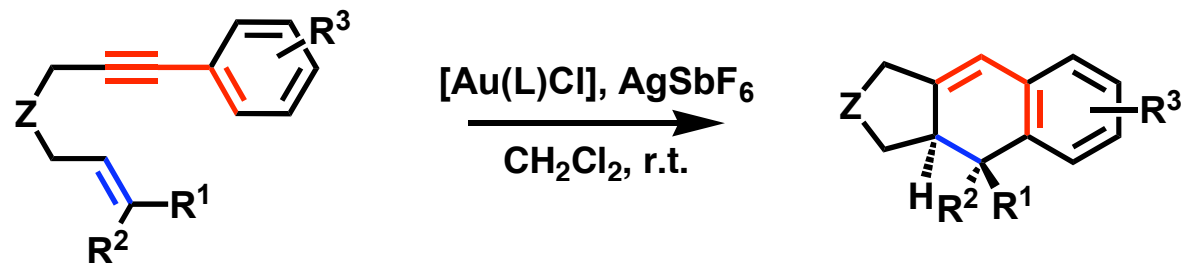


*Angew. Chem. Int. Ed.* **2006**, 45, anie.200602448.

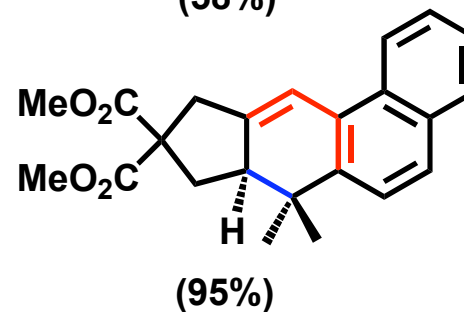
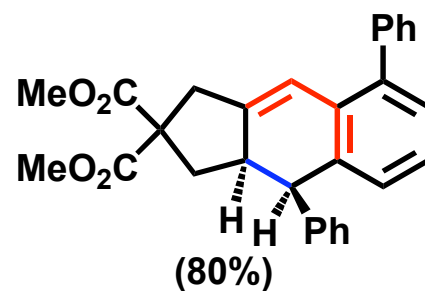
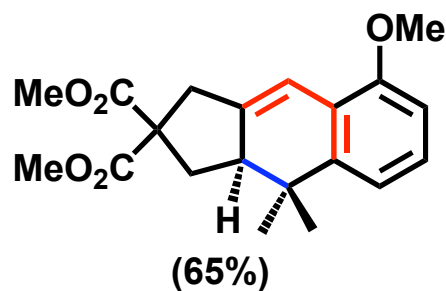
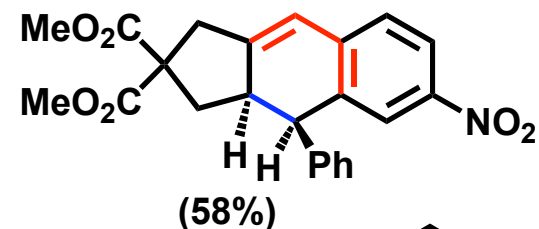
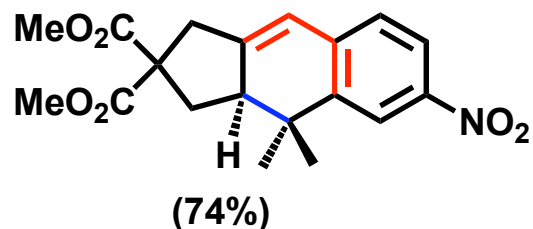
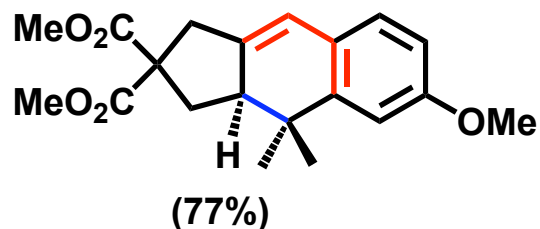
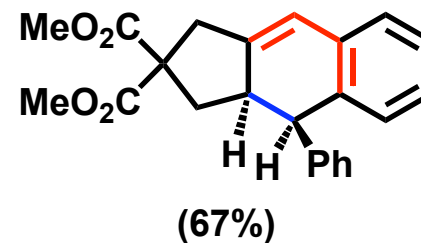
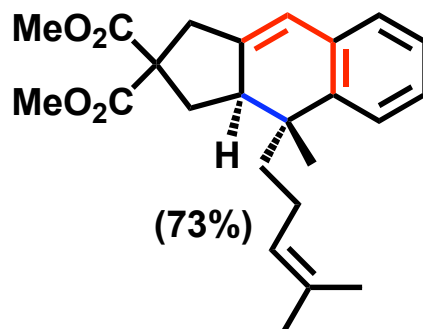
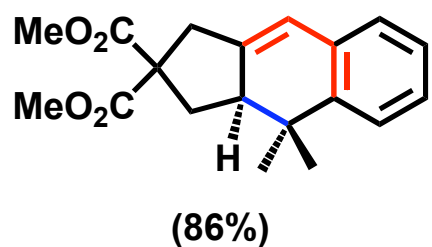


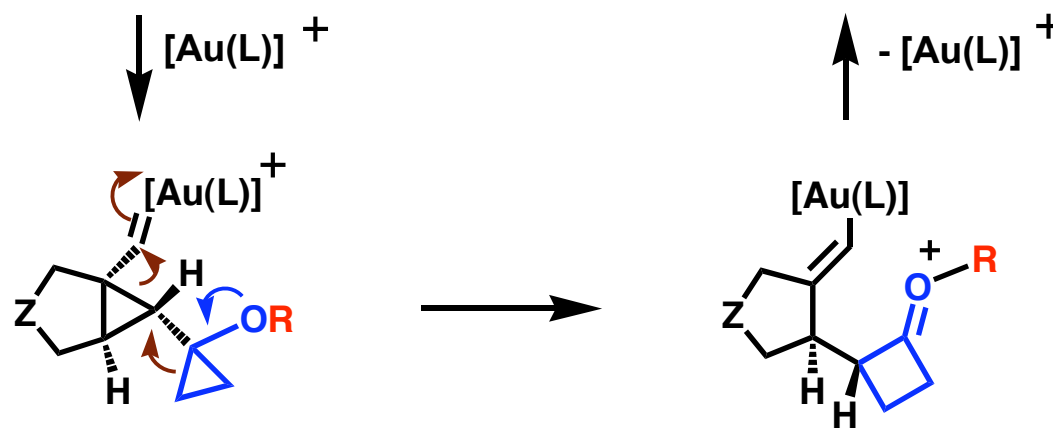
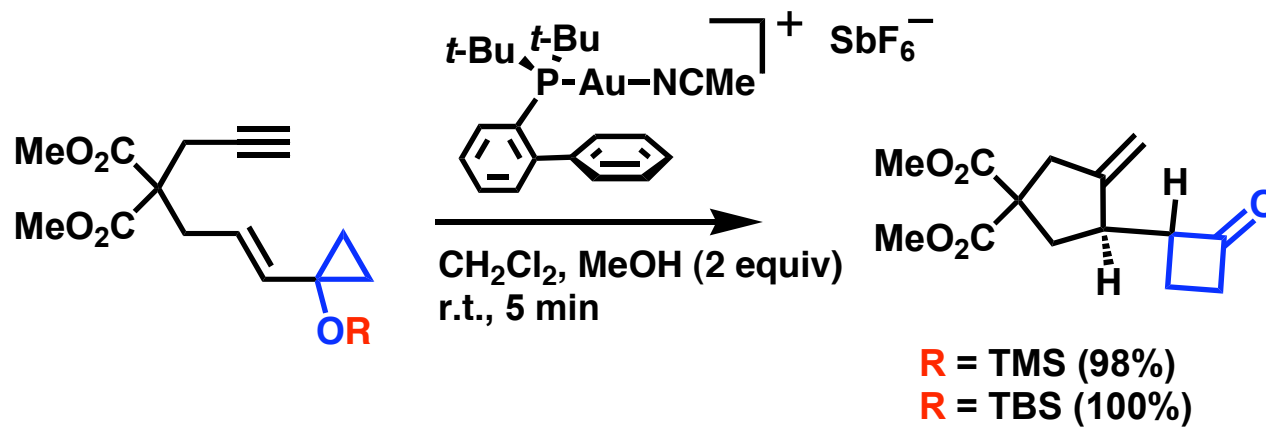


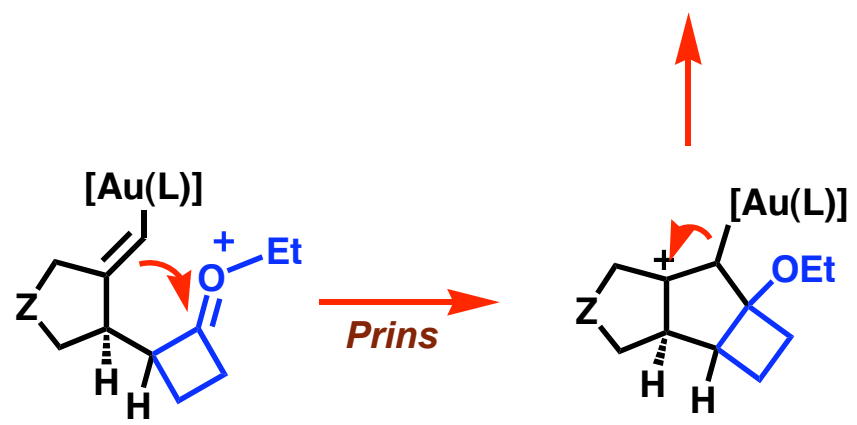
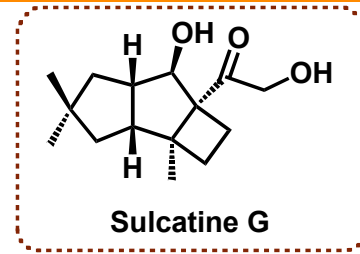
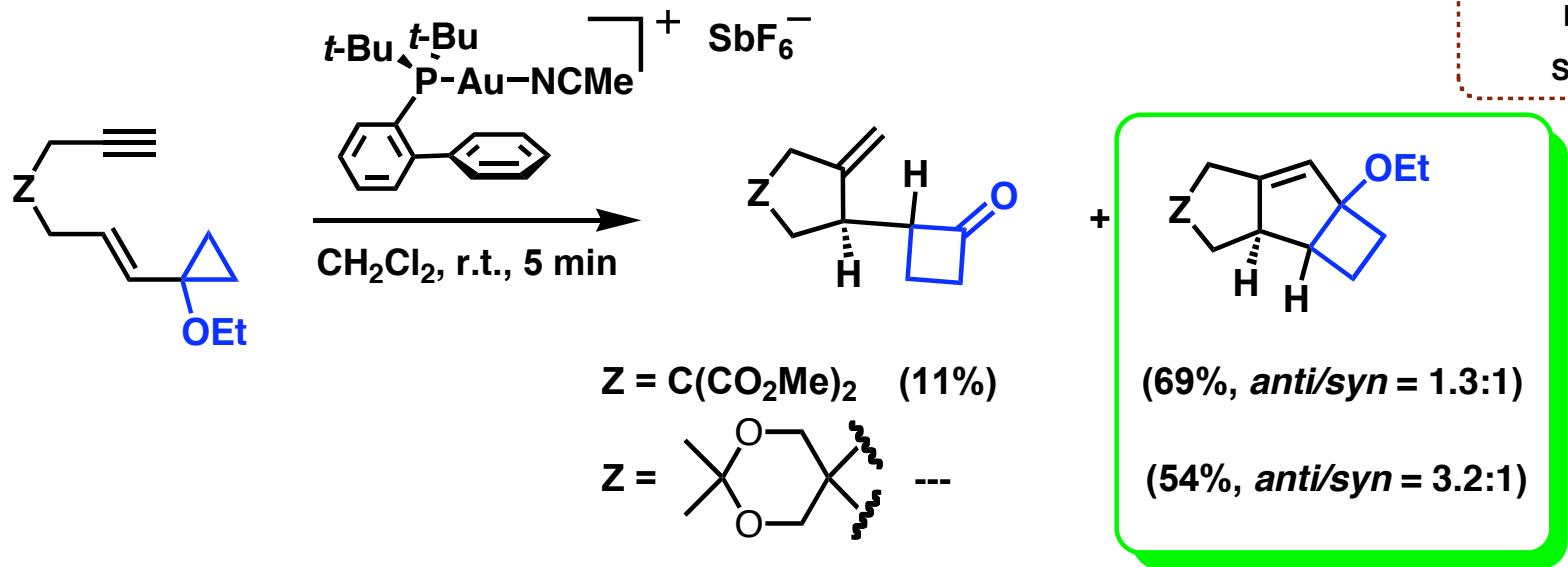
[4+2] Cycloaddition of Arylenynes

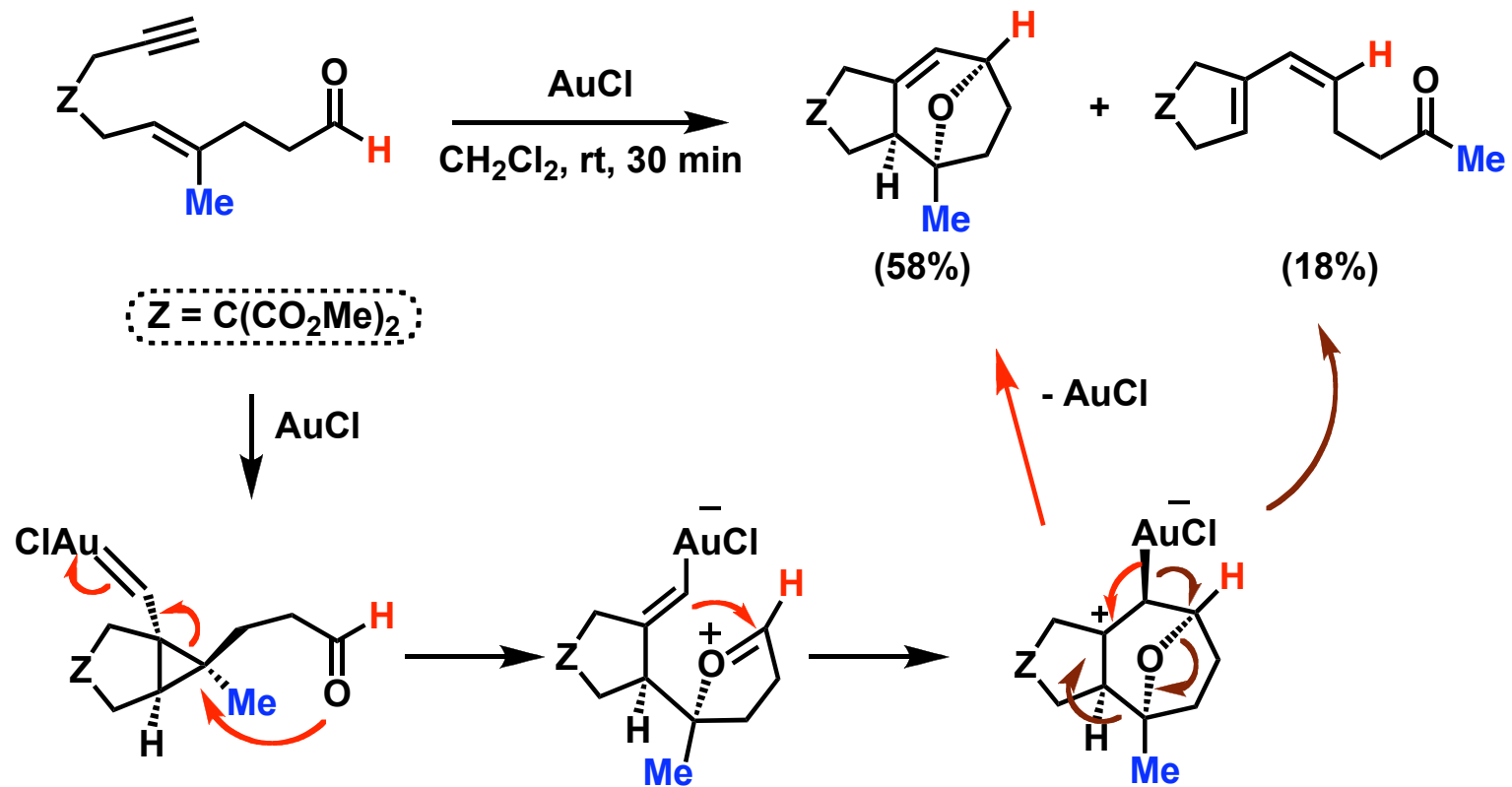


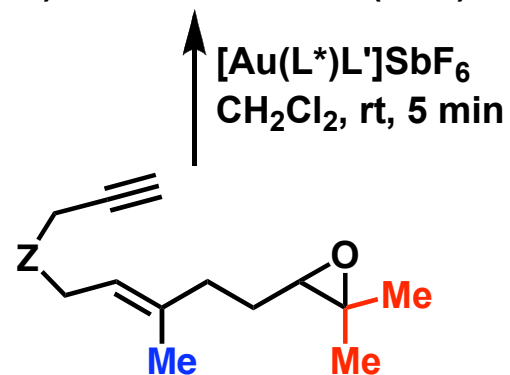
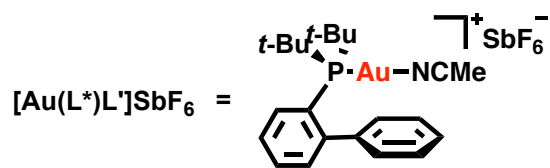
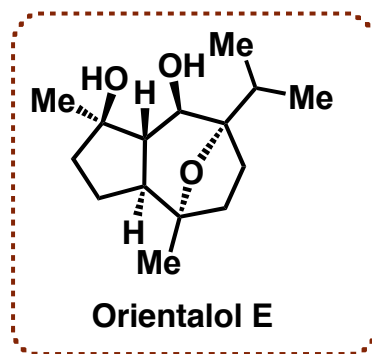
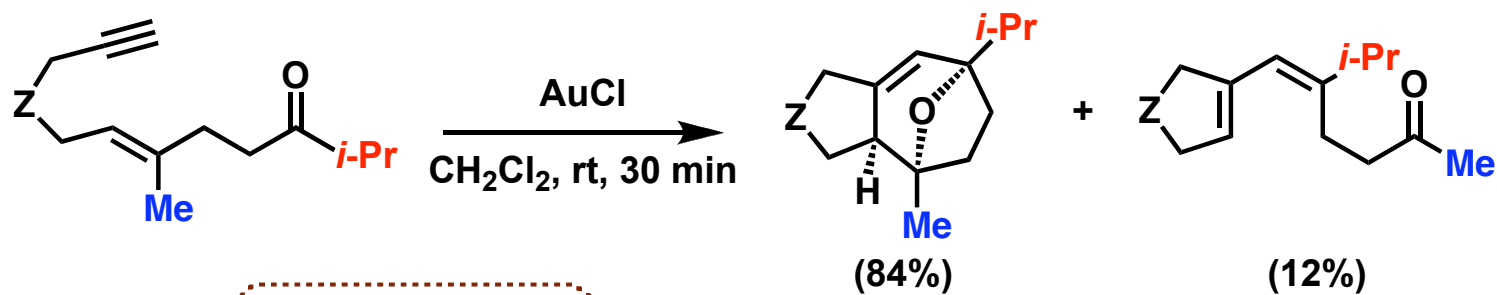
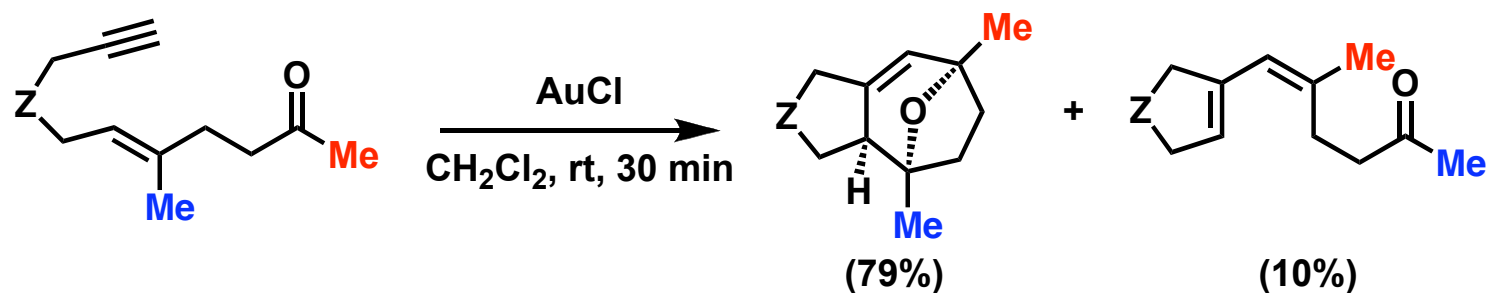
*J. Am. Chem. Soc.* **2005**, *127*, 6178-6179

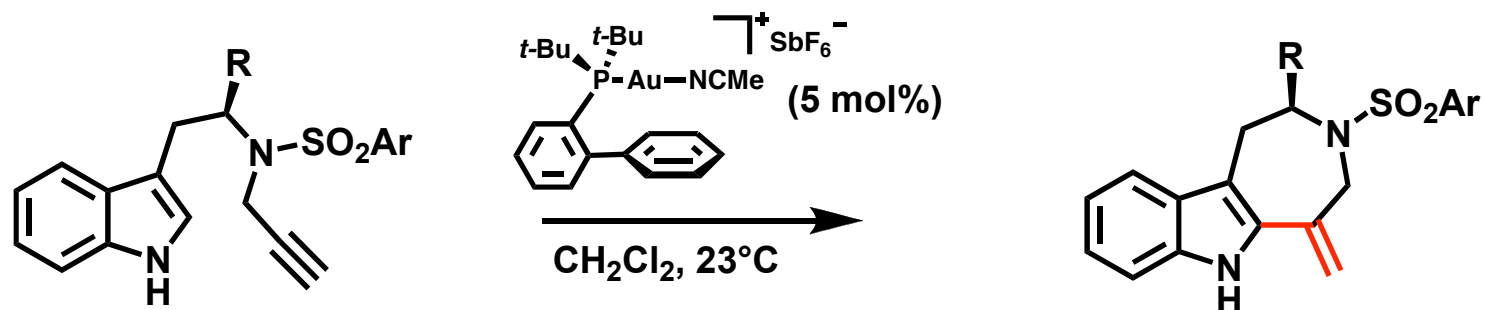




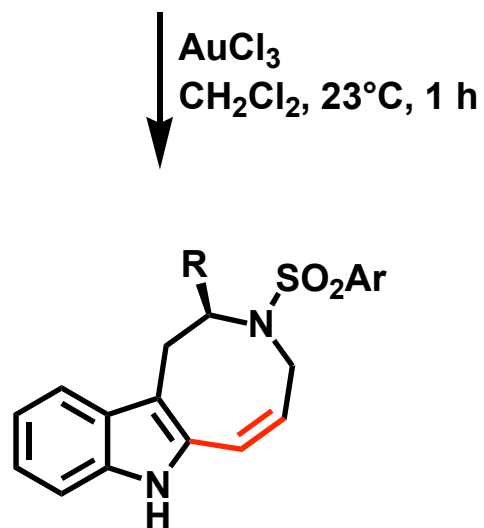




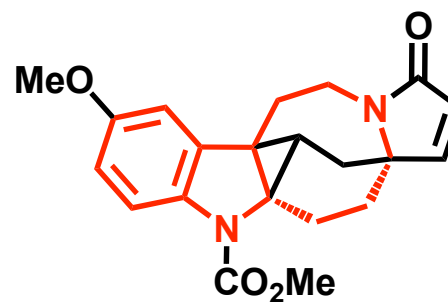




R = CO<sub>2</sub>Me, Ar = 2,4-(NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub> 30 min (82%)  
 R = H, Ar = Ph 16 h (65%)

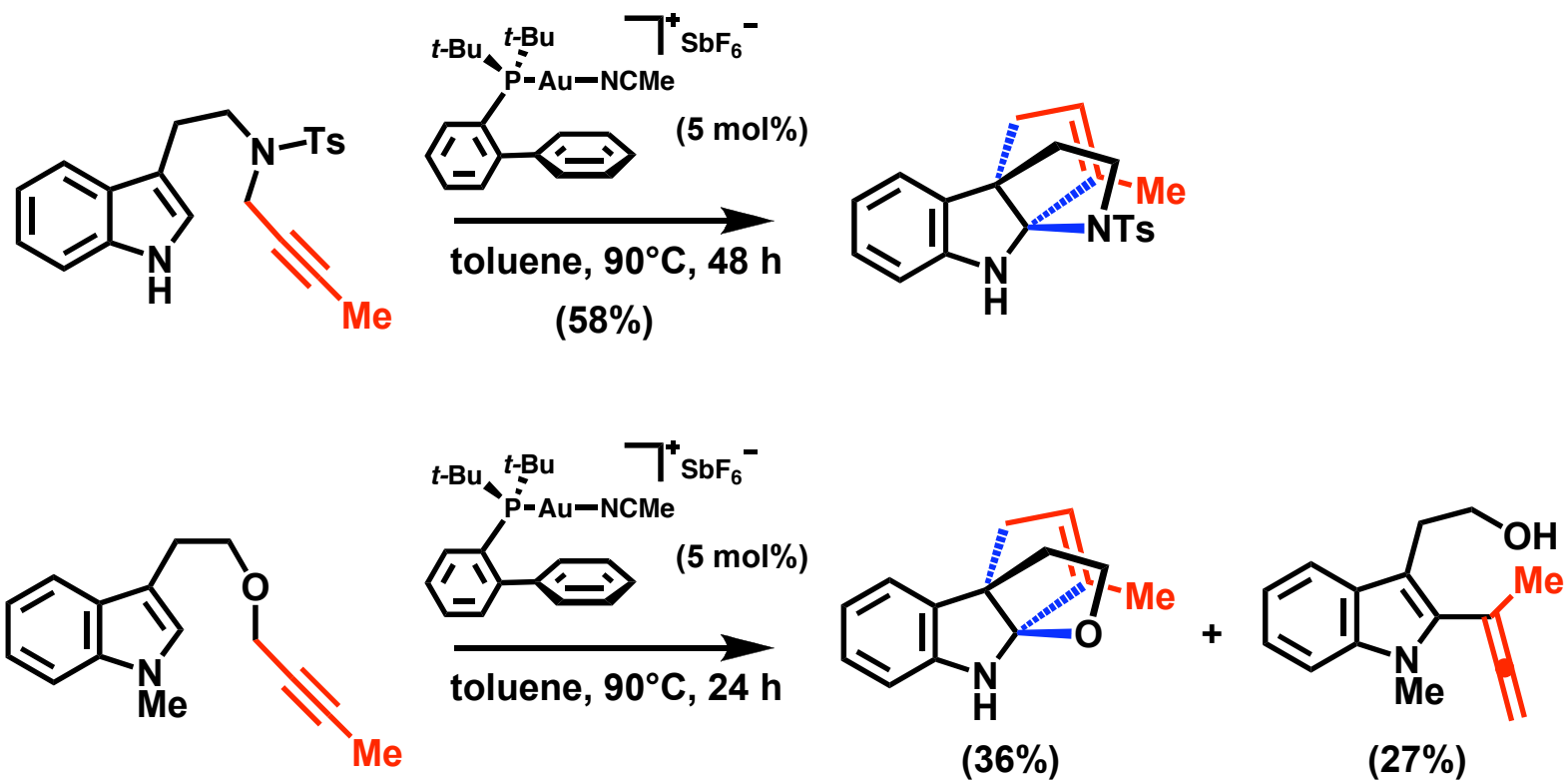


R = CO<sub>2</sub>Me, Ar = 2,4-(NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub> 30 min (75%)  
 R = H, Ar = Ph 24 h (55%)



**Lundurine A**

*Angew. Chem. Int. Ed.* **2006**, *45*, 1105.



Catelijne Amijs, Cati Ferrer

