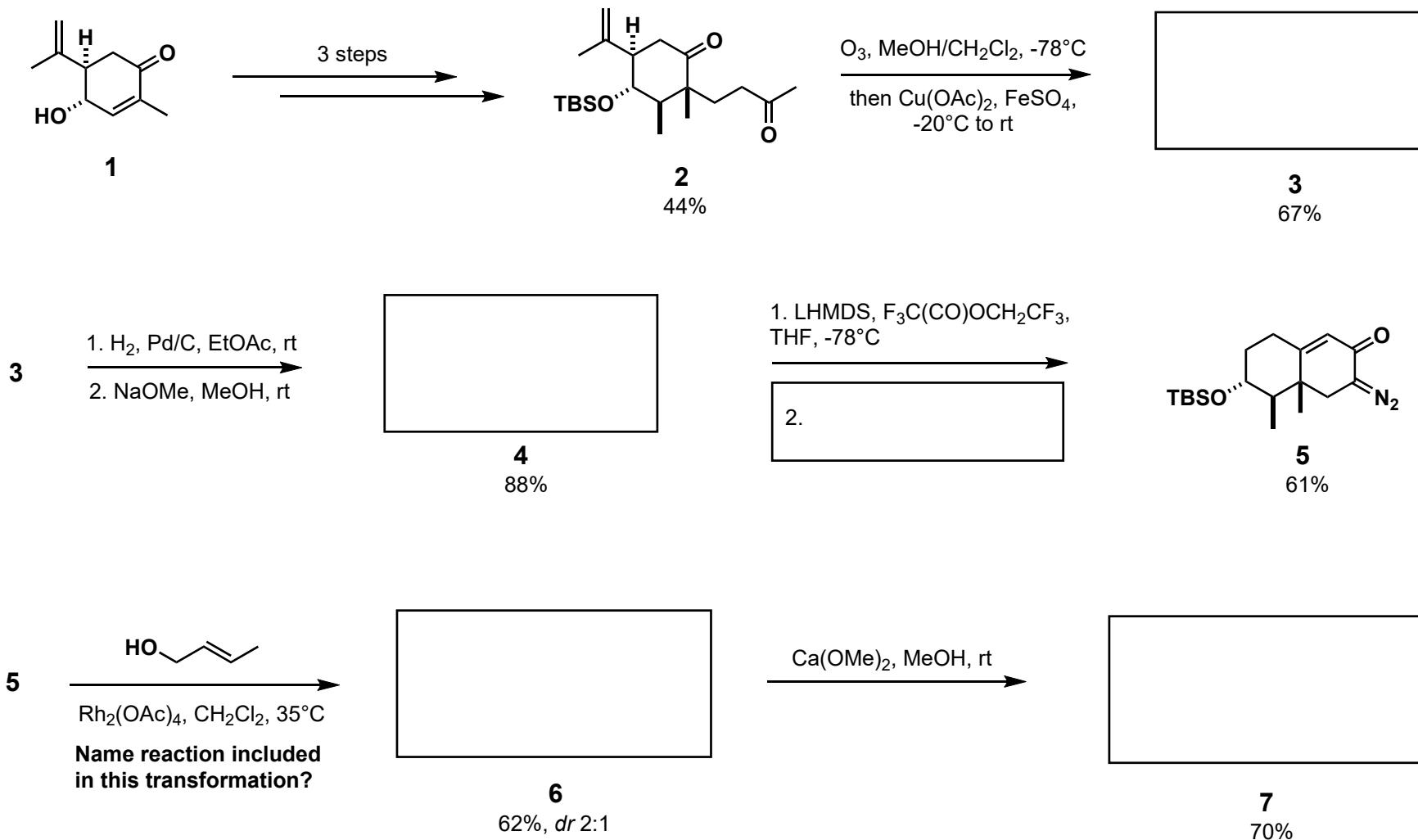


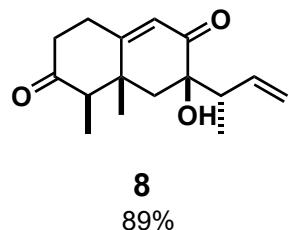
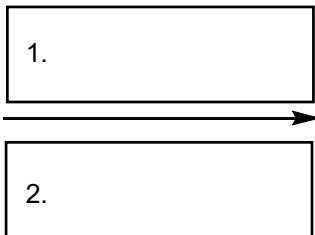
The Furan Shuffling Hypothesis: A Biogenetic Proposal for Eremophilane Sesquiterpenoids

Angew. Chem. Int. Ed. **2019**, *58*, 7004–7007.

J. Am. Chem. Soc. **2017**, *139*, 16096–16099. (For first 8 steps)



7



O₃, pyridine,
CH₂Cl₂/MeOH, -78°C

then PPh₃, rt

**Role of pyridine in
ozonolysis?**



9

NaB(OAc)₃H, CH₂Cl₂, rt

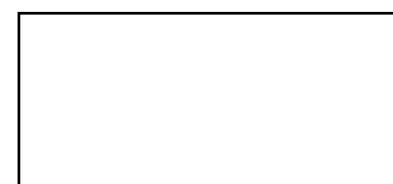


TBD, O₂, THF, rt

Potential alternative
conditions for this
transformation?



10%
+



35%



Ca(OMe)₂, MeOH, 60°C
The Furan Shuffling Reaction

