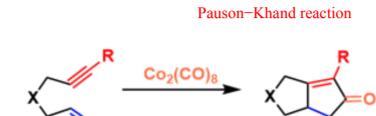
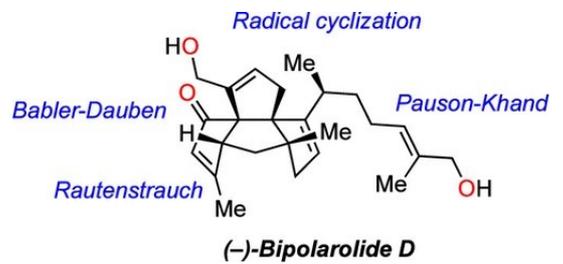


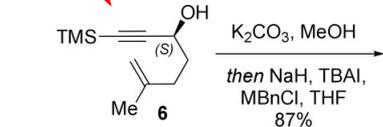
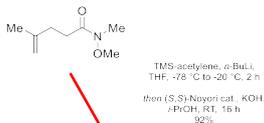
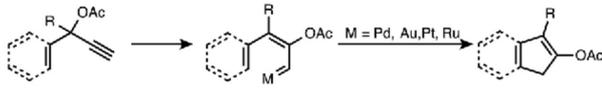
Total Synthesis of (-)-Bipolarolide D

Gleb A. Chesnokov, Julia Friedli, Francis J. Carta,
and Karl Gademann*
JACS Au 2024, 4, 11, 4194-4198

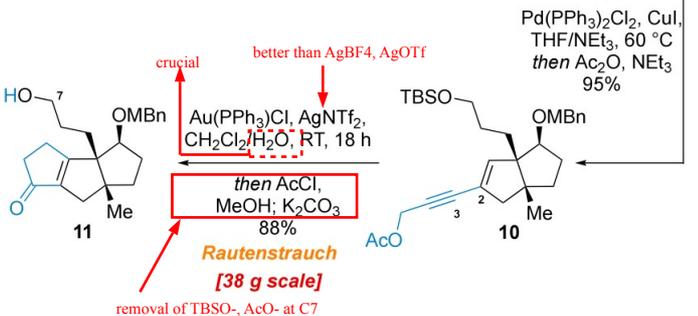
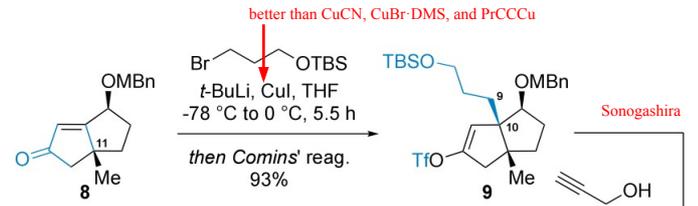
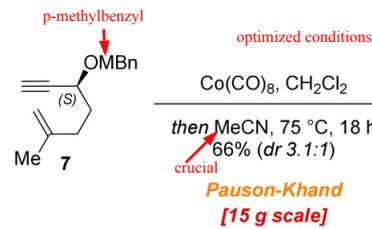
unique tetraquinane (5/5/5/5) tetracyclic skeleton



A. *transition metal-catalyzed Rautenstrauch rearrangement*



literature known, ref.6
(2 steps from commercially available material)



acidic conditions (TMSOTf/2,6-lutidine)

