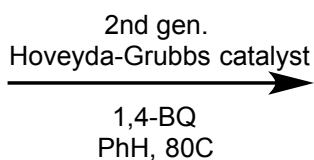
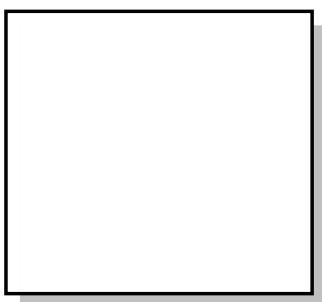
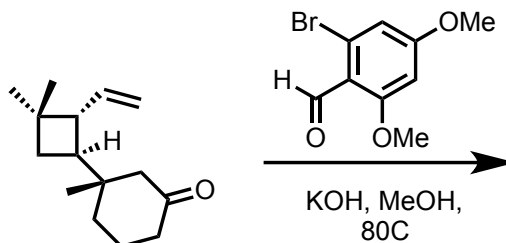


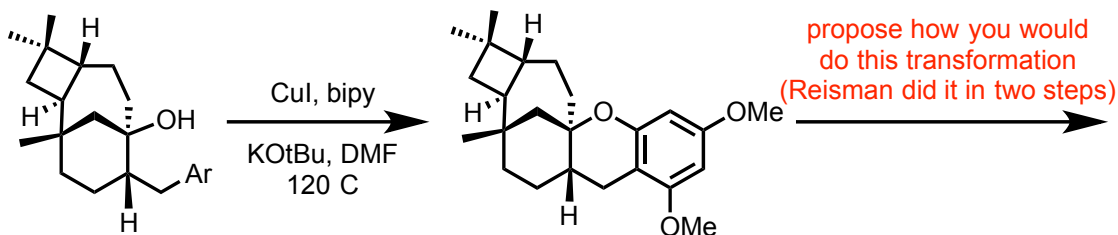
propose a ligand for this transformation!



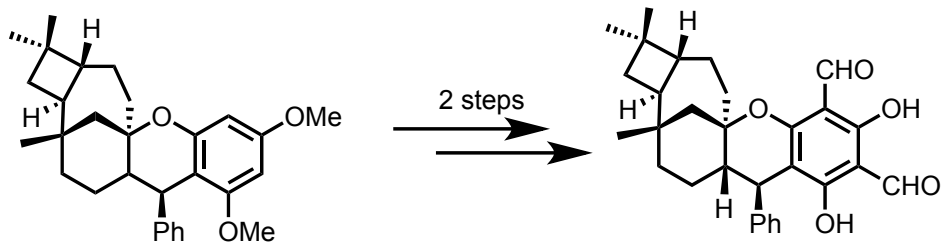
structure of catalyst?

Crabtree's catalyst

$\text{H}_2, \text{CH}_2\text{Cl}_2, \text{rt}$



propose how you would do this transformation (Reisman did it in two steps)



(+)-psiguadial B