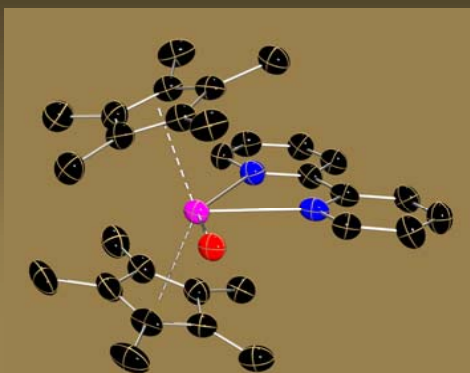


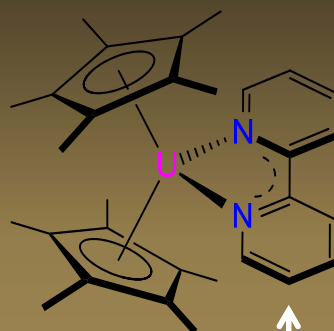
Low-Valent Uranium Complexes with Redox-Active Ligands for C-O Bond Activation

Suzanne C. Bart, Purdue University, West Lafayette, IN 47907

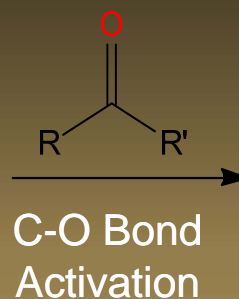
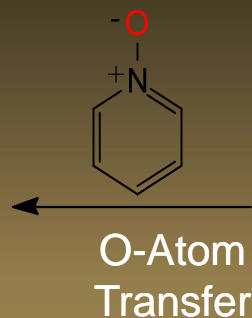
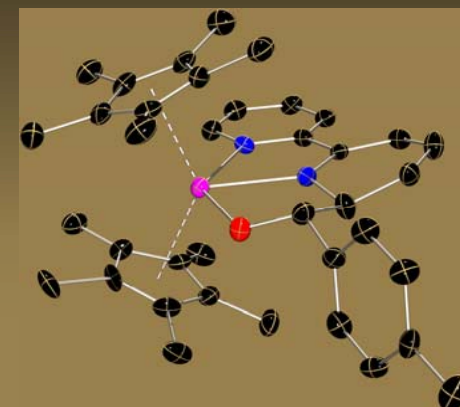
U(IV) terminal oxo



U(III)

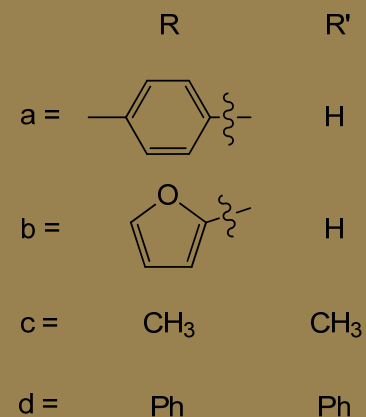
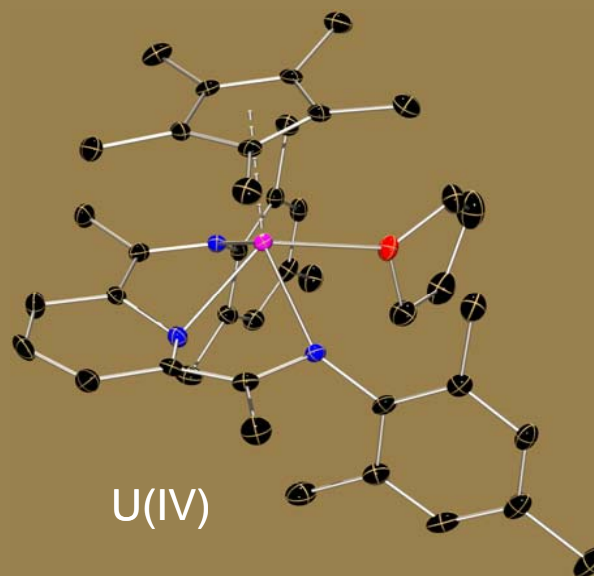
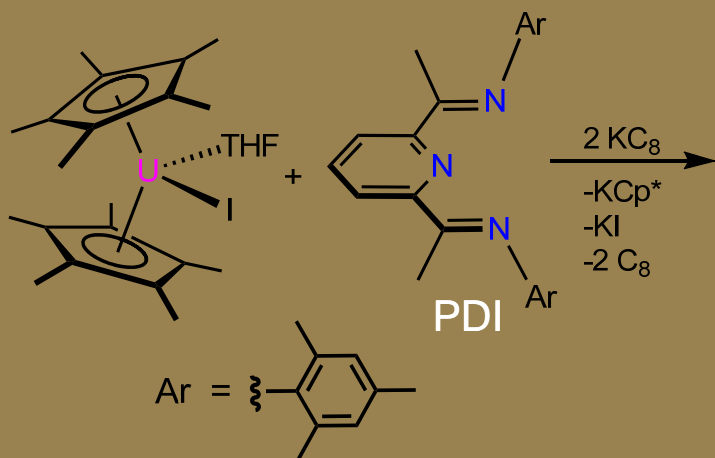


U(IV) alkoxide-amido



Redox-Active Ligand

Cp*₂U(bpy) acts as a source of divalent U



Cp*U(PDI)(THF) - source of monovalent U?