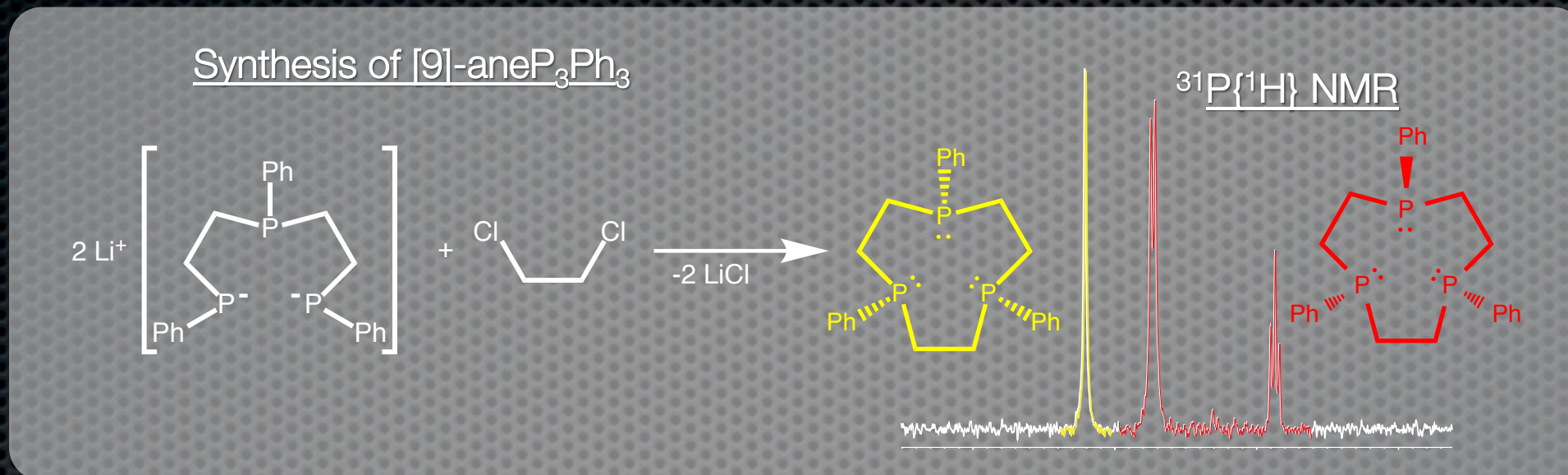


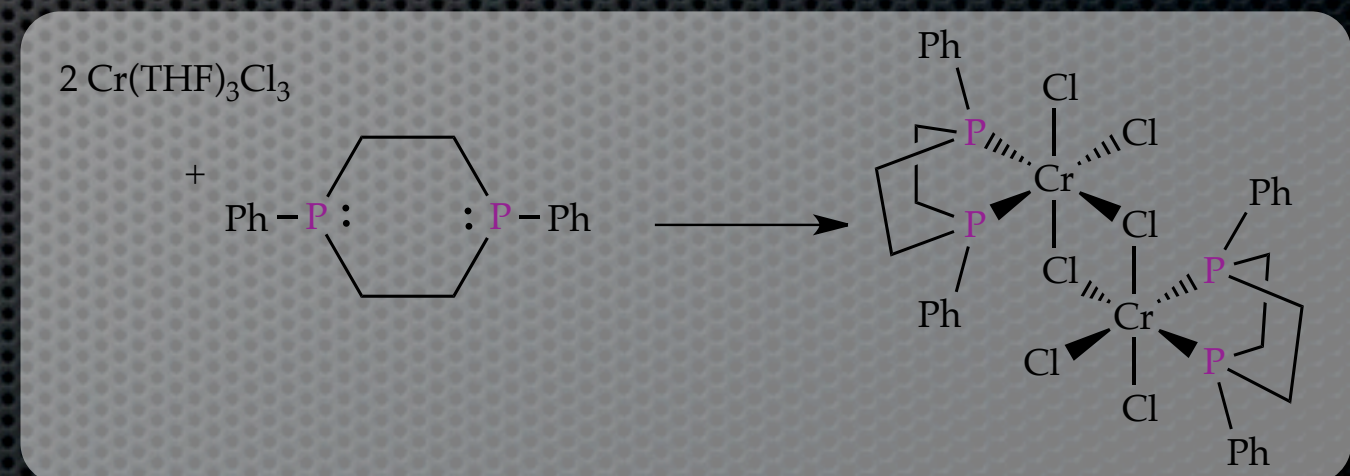
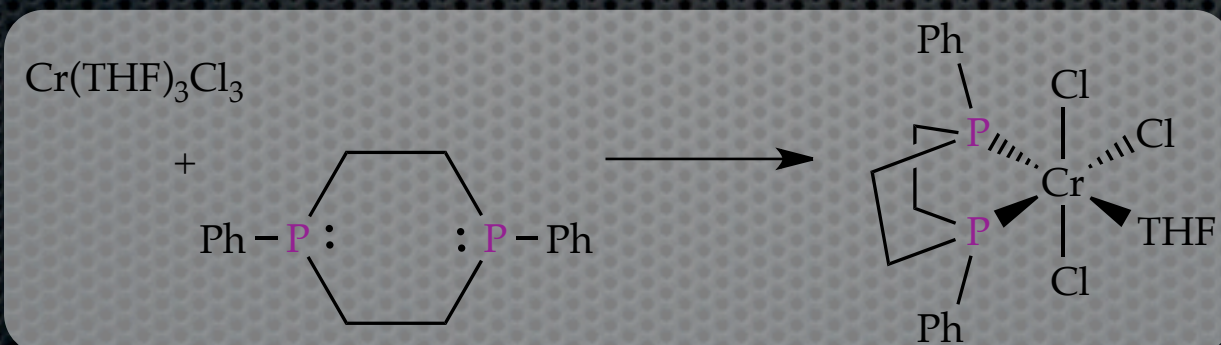
Multidentate cyclic phosphines: Synthesis of the novel 1,4,7-triphosphacyclonone and linear alpha olefin catalysis studies using 1,4-diphosphacyclohexane

Monte L. Helm, Chemistry Department, Fort Lewis College, Durango, CO 81301



Synthesis of the [9]-aneP₃Ph₃ ligand was optimized for solvent selection and reagent concentrations

Synthesis of two novel chromium(III) complex with the [6]-aneP₂Ph₂ ligand was accomplished



These complexes were used to carry out preliminary studies on the catalytic formation of linear alpha olefins from ethylene