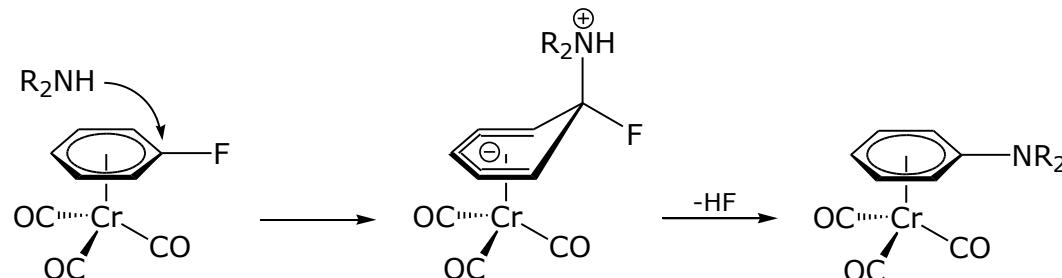


Reactions proceed *via* nucleophilic attack, formation of an  $\eta^5$ -cyclohexatrienyl ring, and the rate determining step is loss of the halide anion.

e.g.



Of greater importance is the reaction between substituted (arene)Cr(CO)<sub>3</sub> complexes with carbanions.

e.g.

