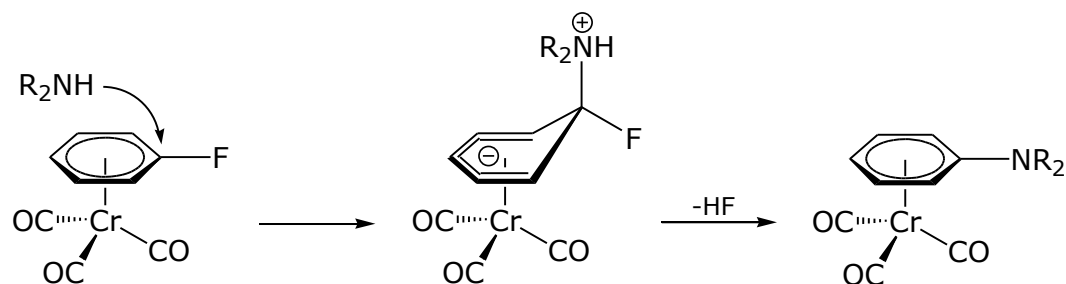


Reactions proceed *via* nucleophilic attack, formation of an η^5 -cyclohexatrienyl ring, and the rate determining step is loss of the halide anion.

e.g.



Of greater importance is the reaction between substituted (arene) $Cr(CO)_3$ complexes with carbanions.

e.g.

