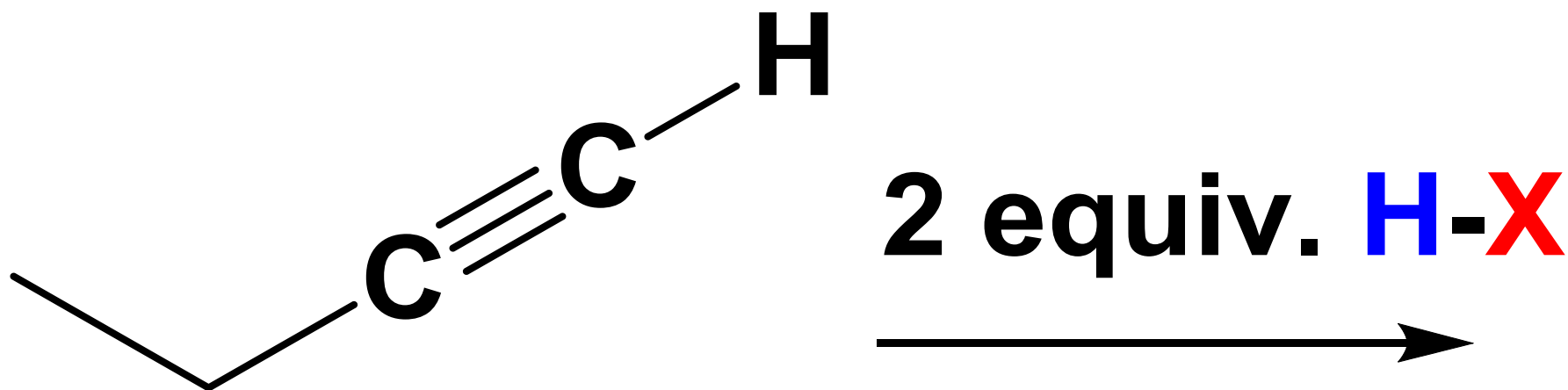
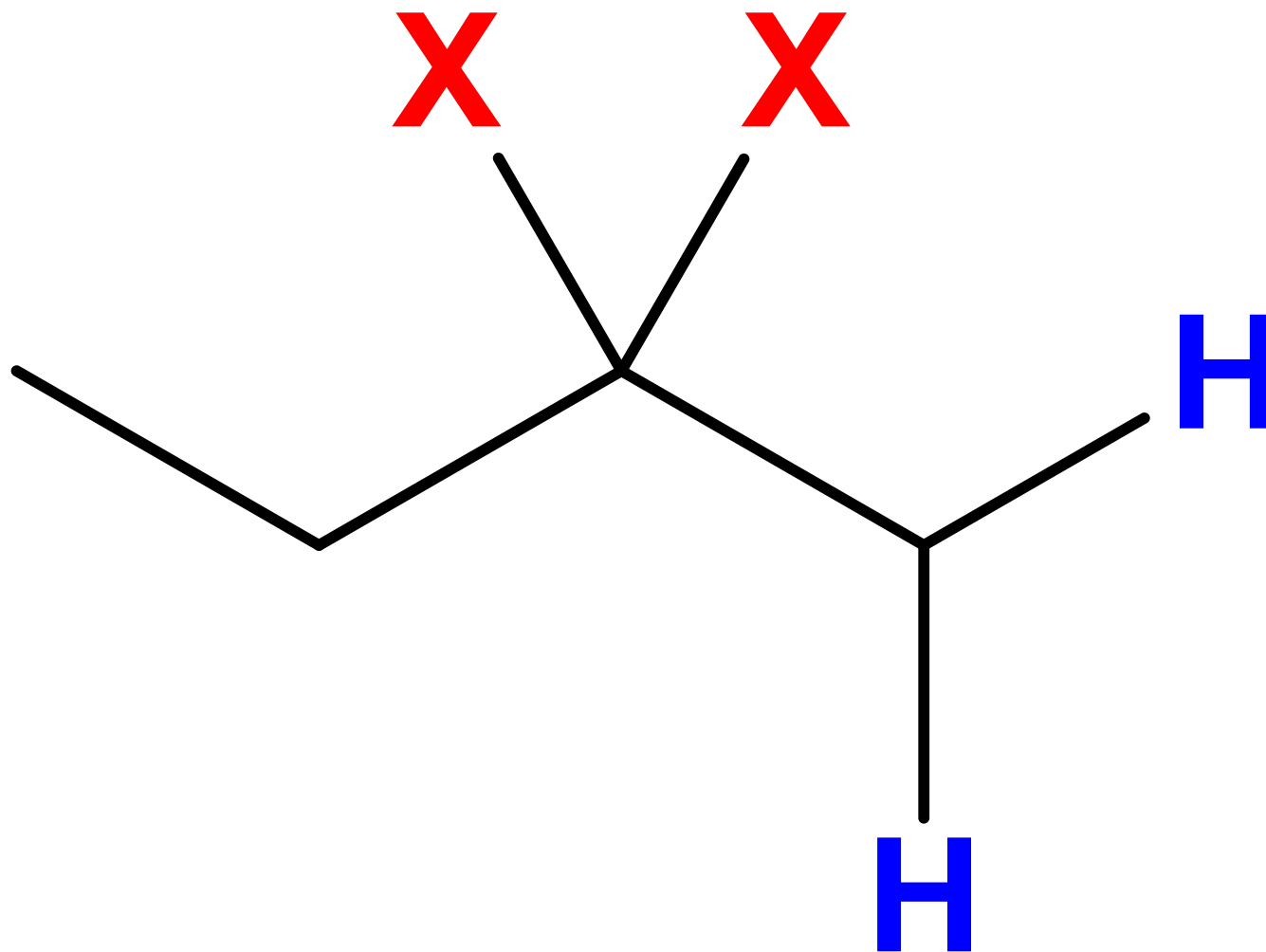


Reactions of Alkynes

Hydrohalogenation of alkynes

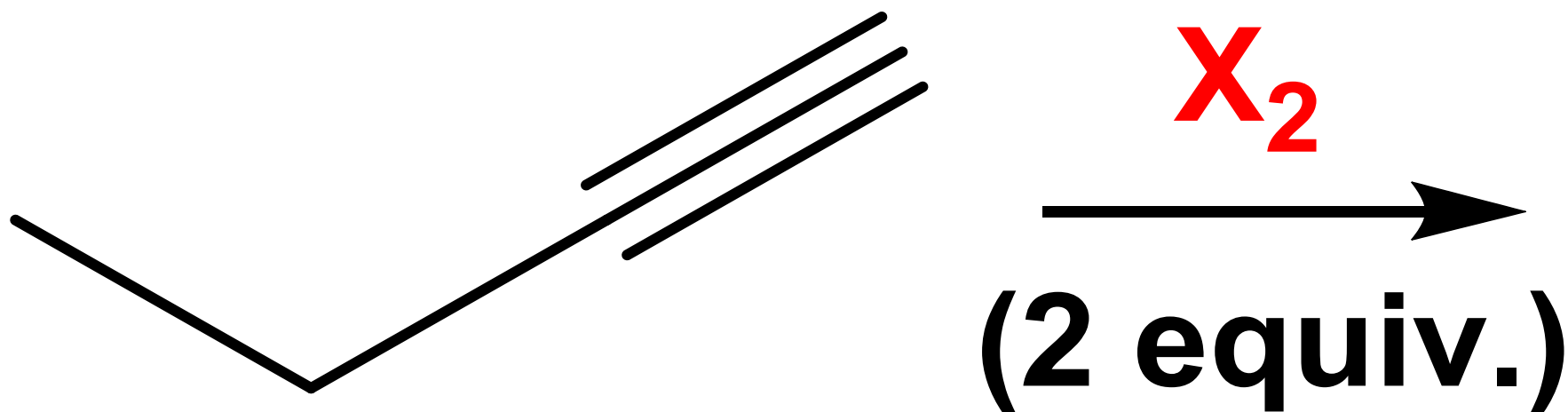


X = Br, Cl

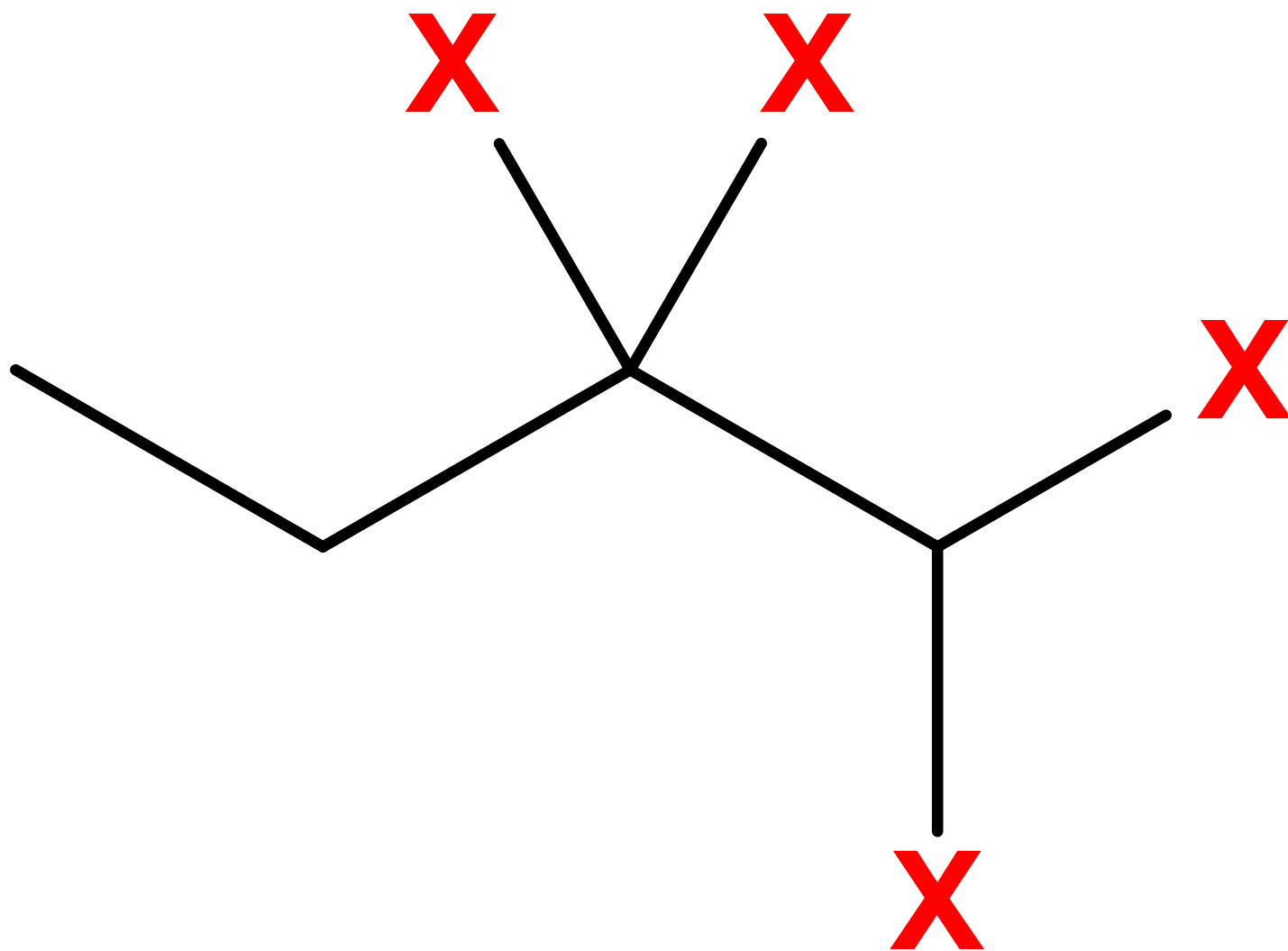


Regiochemistry of addition:
Markovnikov

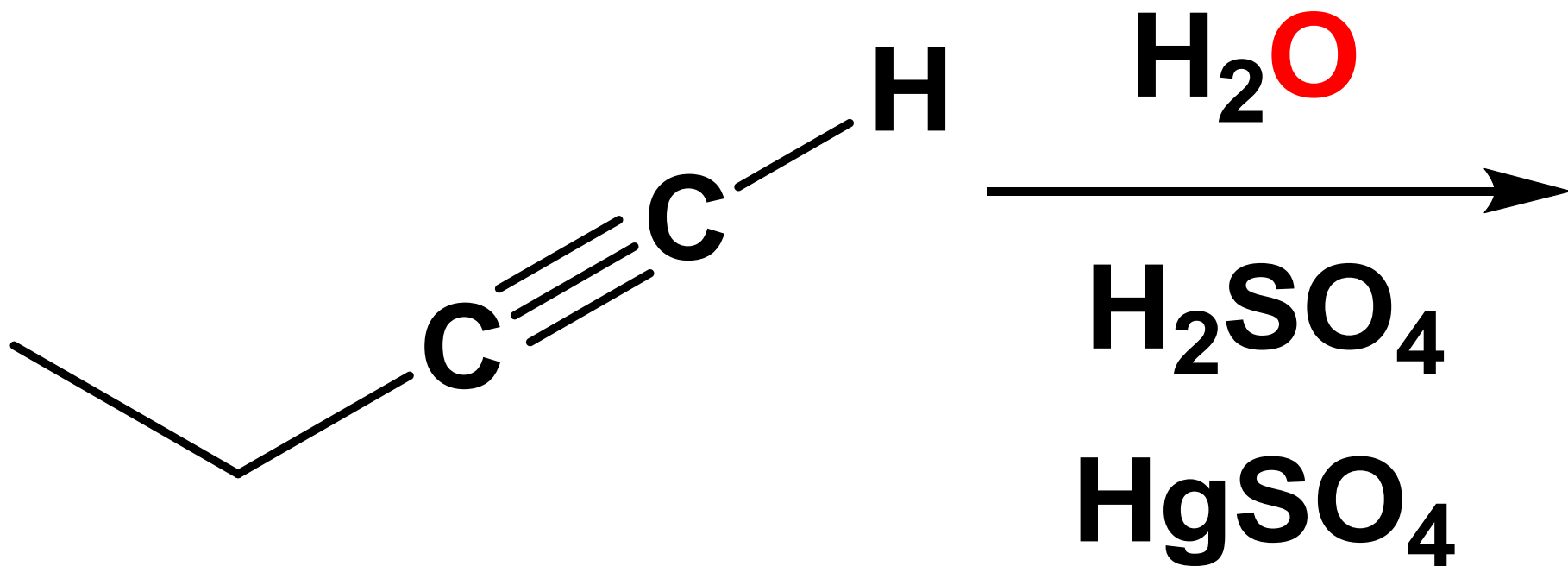
Halogenation of alkynes

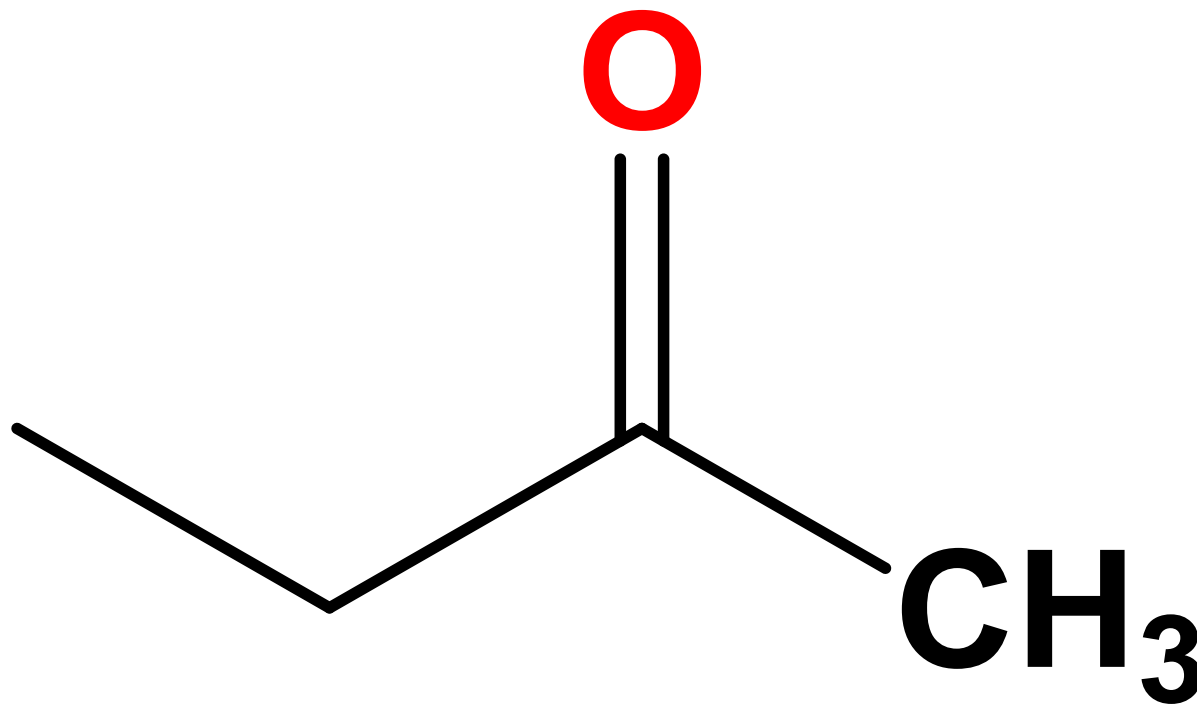


$X = \text{Br, Cl}$



Hydration - Addition of H₂O



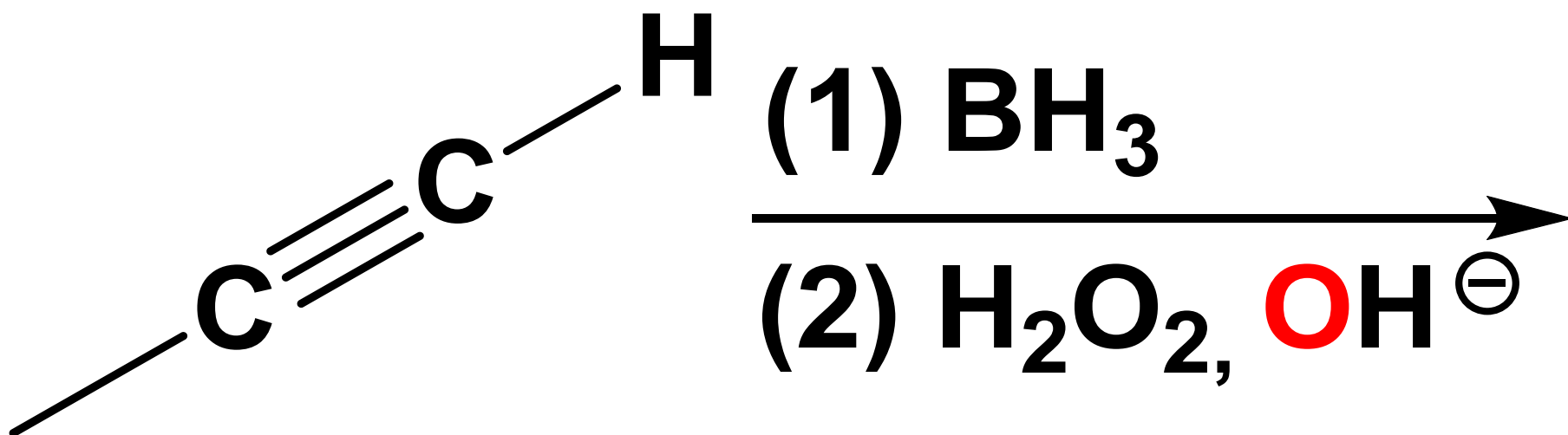


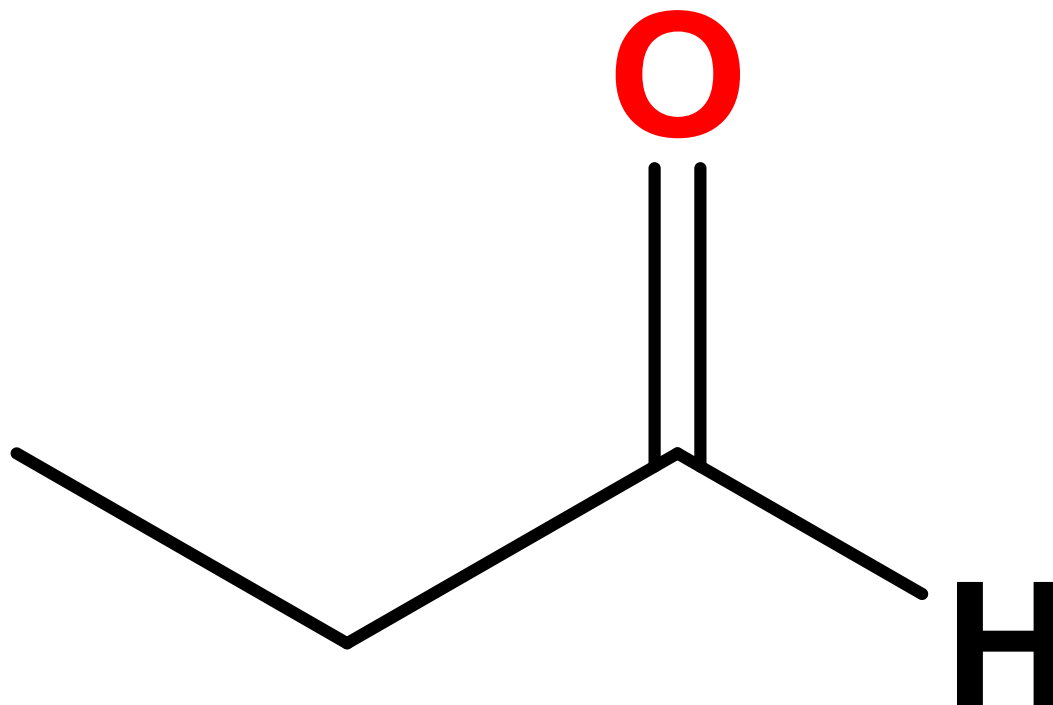
Regiochemistry of addition:

Markovnikov

Product formed through enol intermediate

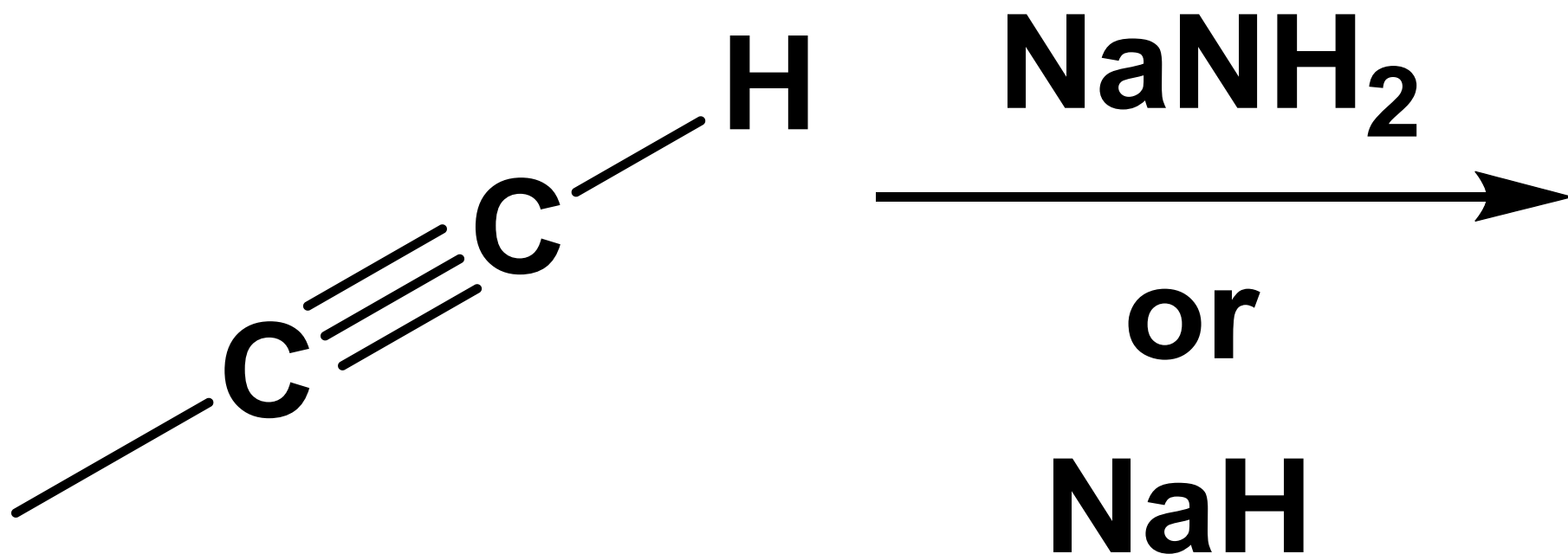
Hydroboration - Oxidation

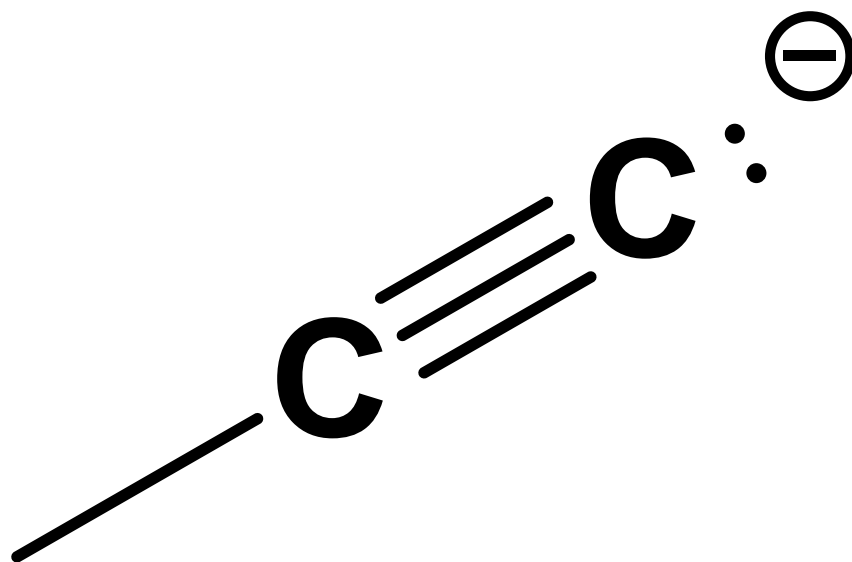




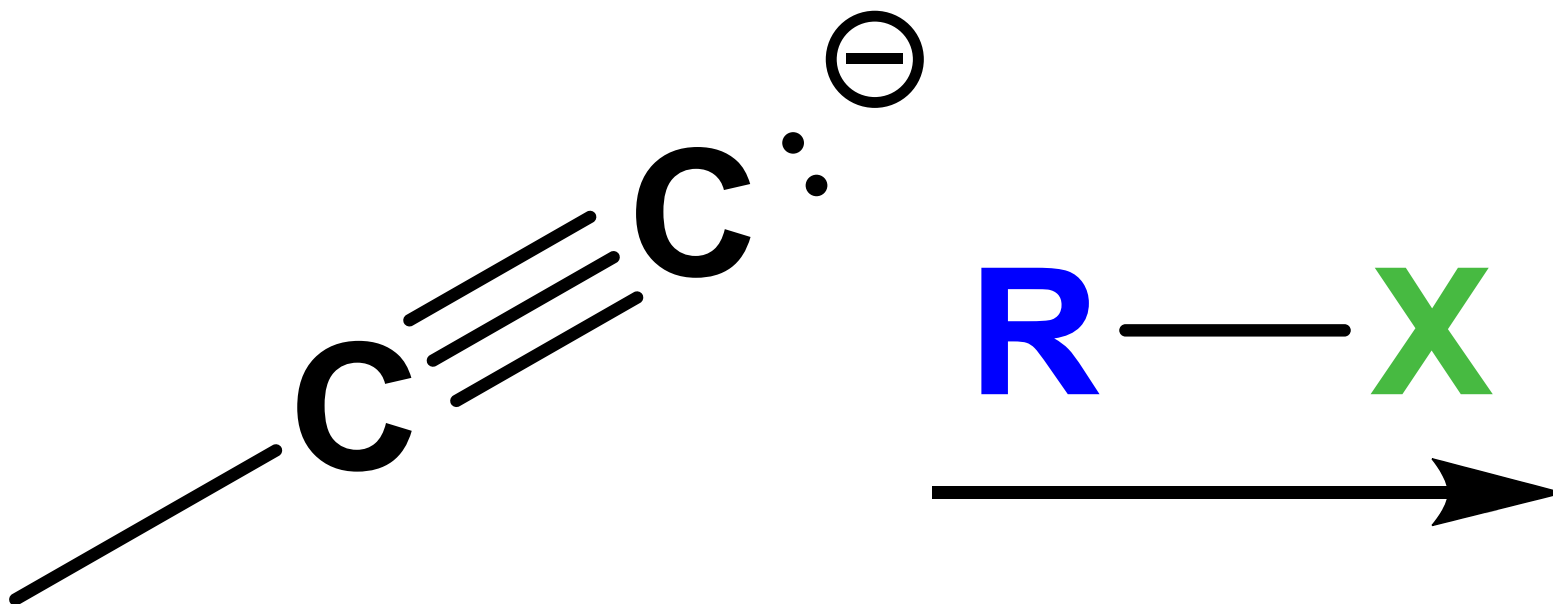
**Product formed through enol
intermediate**

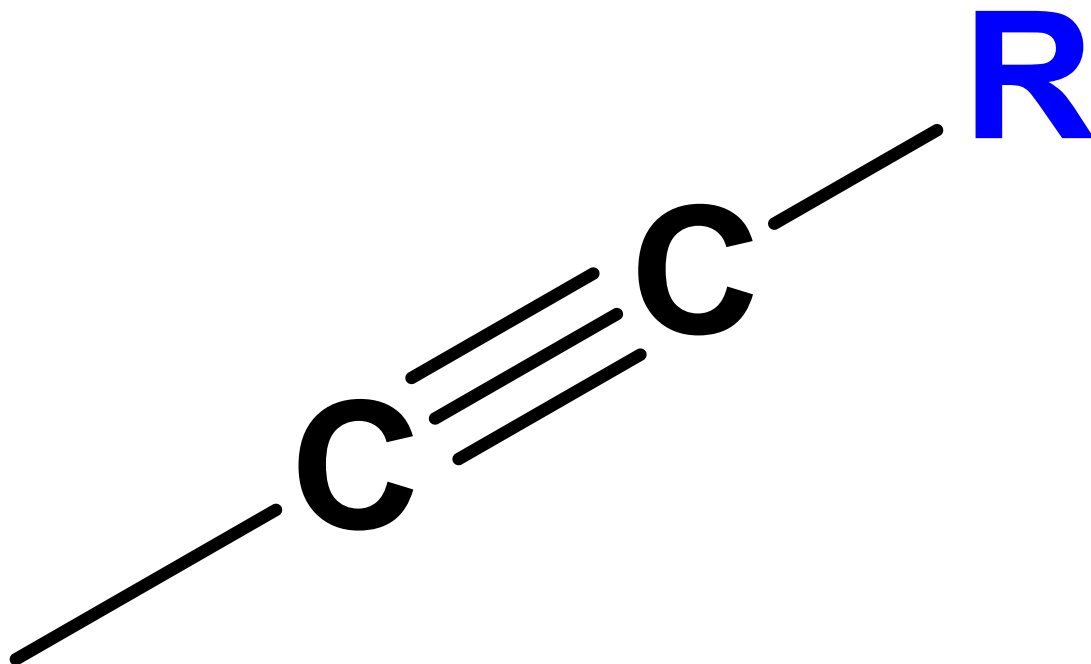
Formation of Acetylide Anions from Terminal Alkynes





Alkylation of Acetylide Anions





Acetylide anions with epoxides

