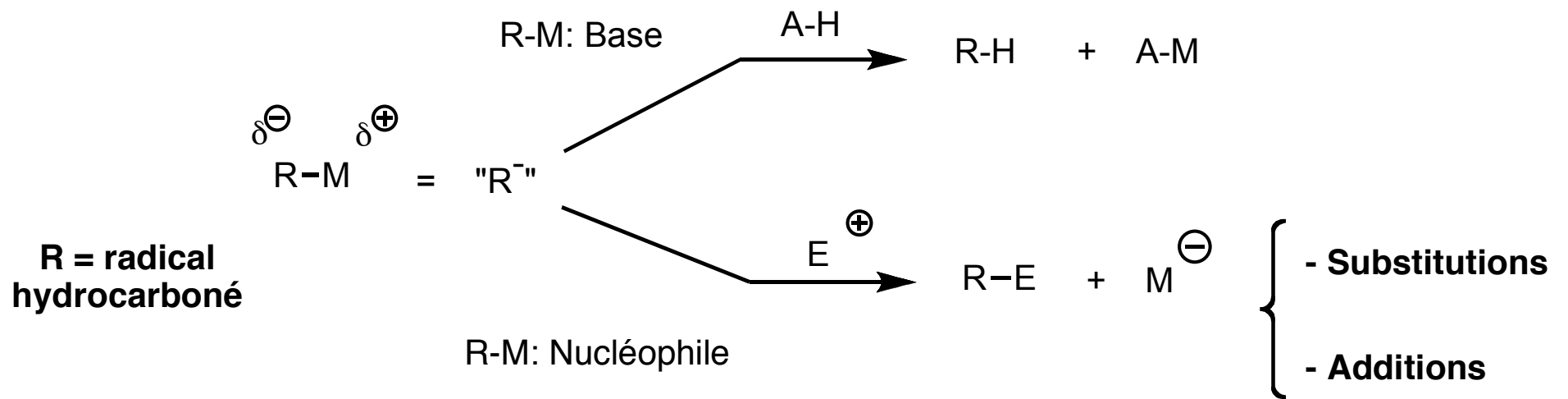
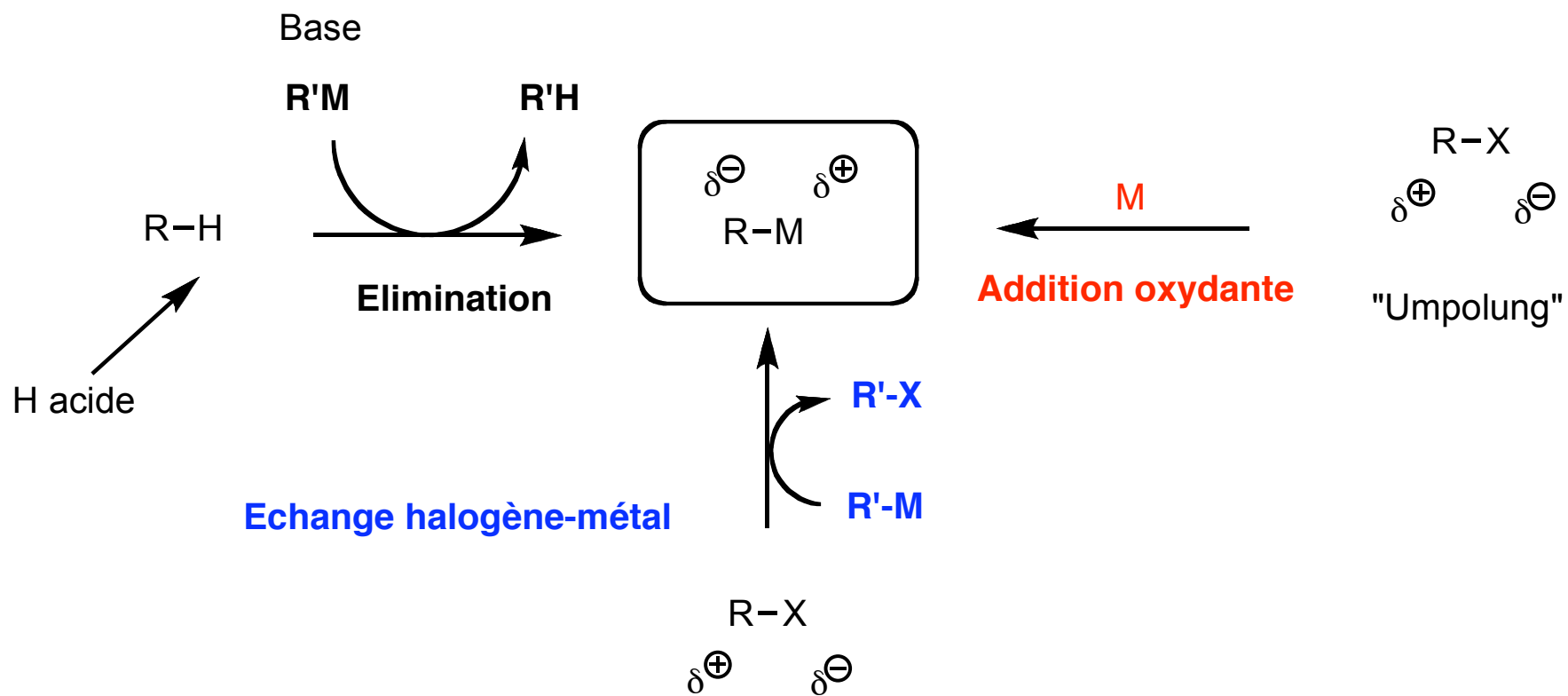


Les organométalliques

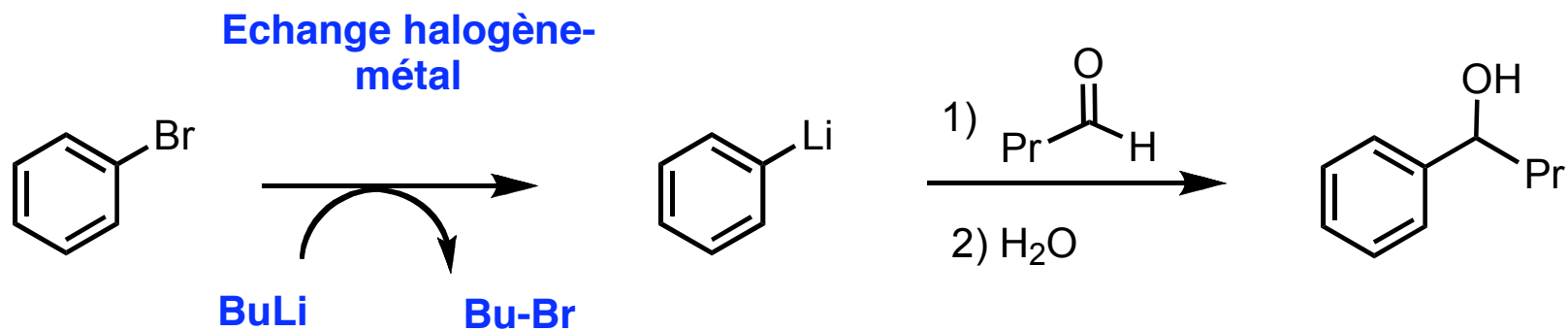
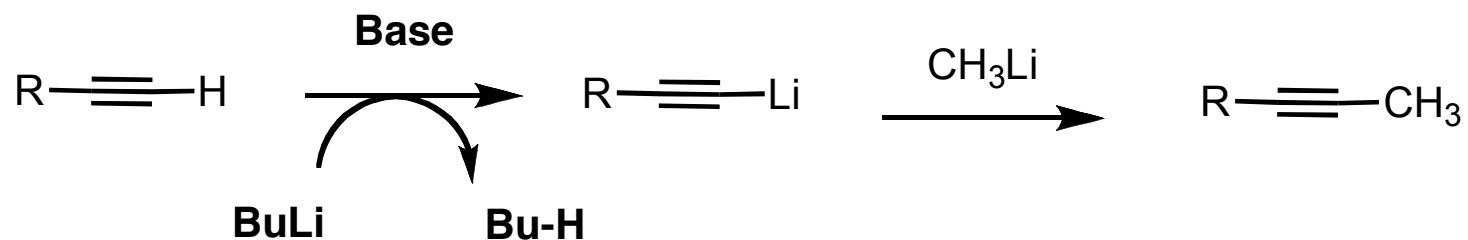
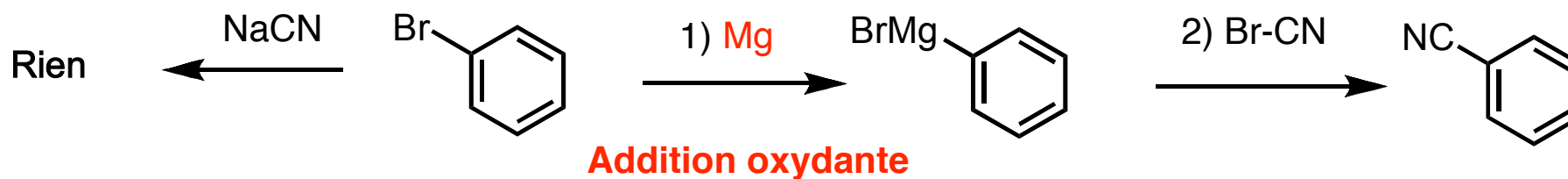
Mg, Li, Na, K etc...



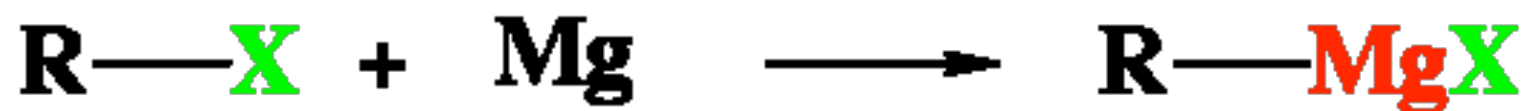
Méthodes de préparation



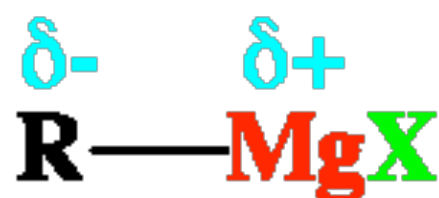
Exemple d'applications



ORGANOMAGNÉSIENS (réactifs de GRIGNARD)



X = Cl, Br, I **R** = radical hydrocarboné



⇒ **BASE**

⇒ **RÉACTIF NUCLÉOPHILE**

T SUBSTITUTION SUR C^{δ+} SATURÉ

T ADDITION SUR $\begin{array}{c} \delta+ \\ \diagup \text{C}=\text{O} \\ \diagdown \end{array}$

ORGANOMAGNÉSIENS = BASE



ORGANOMAGNESIENS = NUCLEOPHILE

