Frankland Reaction

1 Reaction and Mechanism

Frankland Reaction

Reaction: 2R - X \xrightarrow{ZZn} R - R + 2Zn

Mechanism: $R \xrightarrow{\delta^+} X \xrightarrow{\delta^-} R' + X'$ $Z_n \xrightarrow{} e^- + Z_n^+$

$$R' + R' \longrightarrow R \longrightarrow R \longrightarrow ZnX$$