

chemical induction (coupling)

When in a chemical system one reaction accelerates another there is said to be chemical induction or coupling. It is due to an intermediate or product of the inducing reaction participating in the second reaction. Chemical induction is often observed in oxidation–reduction reactions, chain reactions, and biological reactions. Sometimes a reaction having $\Delta G^\circ > 0$ is induced by a simultaneous process having $\Delta G^\circ < 0$.

Source:

PAC, 1996, 68, 149 (*A glossary of terms used in chemical kinetics, including reaction dynamics (IUPAC Recommendations 1996)*) on page 158