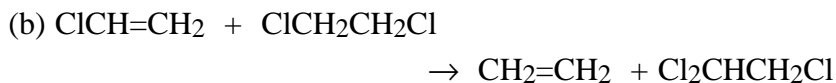
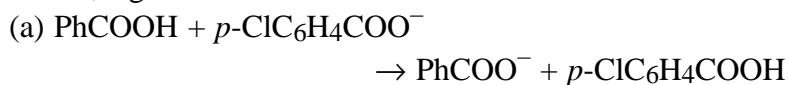


isodesmic reaction

A reaction (actual or hypothetical) in which the types of bonds that are made in forming the products are the same as those which are broken in the reactants, e.g.



Such processes have advantages for theoretical treatment. The *Hammett equation* as applied to equilibria [cf. (a)] essentially deals with isodesmic processes.

1994, 66, 1128