

element effect

The ratio of the rate constants of two reactions that differ only in the identity of the element of the atom in the leaving group, e.g. $\frac{k_{\text{Br}}}{k_{\text{Cl}}}$. As for isotope effects, a ratio of unity is regarded as a 'null effect'.

Source:

PAC, 1994, 66, 1077 (*Glossary of terms used in physical organic chemistry (IUPAC Recommendations 1994)*) on page 1111