bioavailability

_in pharmacokinetics_

Ratio of the systemic exposure from extravascular (ev) exposure to that following intravenous (iv) exposure as described by the equation:

\[
F = \frac{A_{ev} D_{iv}}{B_{iv} D_{ev}}
\]

where \( F \) is the bioavailability, \( A \) and \( B \) are areas under the (plasma) concentration-time curve following extravascular and intravenous administration, respectively, and \( D_{ev} \) and \( D_{iv} \) are the administered extravascular and intravenous doses.

**Source:**
PAC, 2004, 76, 1033 (Glossary of terms used in toxicokinetics (IUPAC Recommendations 2003)) on page 1041