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bioavailabilty

in pharmacokinetics

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

$$F = \frac{A_{\mathrm{ev}}\, D_{\mathrm{iv}}}{B_{\mathrm{iv}}\, D_{\mathrm{ev}}}$$

where F is the bioavailabilty, 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

