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logit

In competitive binding assays, the logit-log dose relationship, in which the response is defined by: $R = \text{logit}(y) = \log_{10}\left(\frac{y}{1-y}\right)$ where $y = \frac{b}{b_0}$ with b = fraction of tracer bound and b_0 = value of b with no unlabelled ligand in the system. Logit transformed assay data frequently yield straight-line dose-response curves, amenable to statistical analysis.

Source:
PAC, 1994, *66*, 2513 *(Nomenclature for radioanalytical chemistry (IUPAC Recommendations 1994))* on page 2522

