

**logit**

In *competitive binding assays*, the logit-log dose relationship, in which the response is defined by:  $R = \text{logit}(y) = \log [y/(1 - y)]$  where  $y = b/b_0$  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.

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