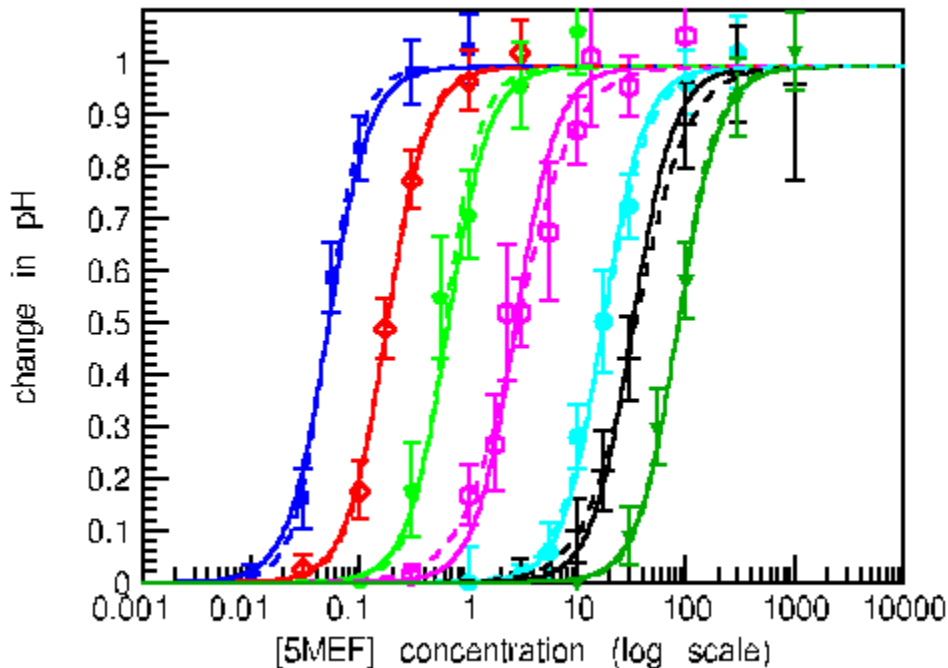


CVFIT output

CVFIT used for simultaneous fit of seven concentration-response curves with the Hill equation.

$$y = \frac{x^{n_H}}{x^{n_H} + EC50^{n_H}}$$

Results of Black & Shankley for the inhibition of gastric secretion evoked by 5-methylfurfumethide by six different atropine concentrations. The dashed lines show fits that are constrained to have the same maximum, but the Hill slope (n_H) is estimated separately for each. The solid curves show fits that are also constrained to have the same Hill slope (i.e. to be parallel on the log scale).



[Download a pdf file](#) that describes a case study of methods of fitting the Schild equation (methods that CVFIT can do).

Technical notes about using CVFIT for such fitting can be [downloaded here](#)