Supplementary Material for Doyon et al., Organic Letters.

2,4,6-Trifluorobenzylamide-derived CAI. ^{1}H NMR (acetone-d_6) δ 8.28 (br, 1H), 8.03 (d, 2H), 7.95 (d, 2H), 6.95 (dd, 2H), 6.70 (br s, 2H), 4.66 (d, 2H). ^{19}F NMR δ –111.5 (1F), -109.3 (2F).

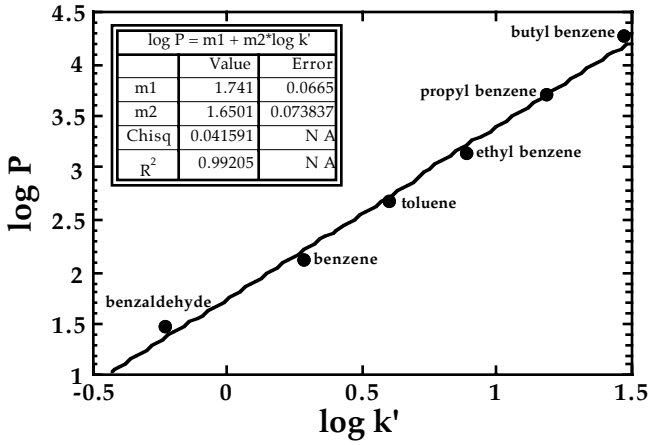

Figure 1s. Standard curves of migratory index versus log *k'*, and of log *P* versus log *k'*, used for the calibration of MEECK-based determination of log *P*.

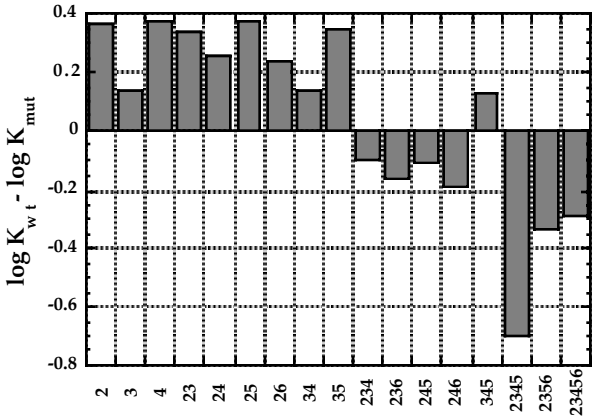

Figure 2s. Difference in binding affinity of fluorinated inhibitors for wt and F131V CA as a function of substitution pattern.