Tolbutamide MeOH MeOH r=1 r=2 -4 logk (population) XBridge Shield RP18 XTerra MS C18 ACN ACN XBridge Phenyl r=1 r=2 XBridge C8 Xterra MS C8 4 -**-4 -**1.00 0.00 0.75 0.00 0.25 0.50 0.75 0.25 0.50 1.00