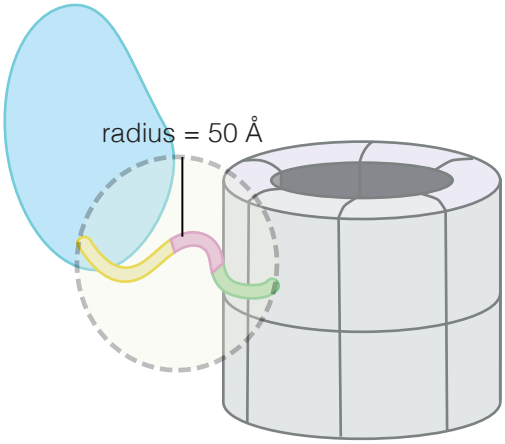
Figure 3-figure supplement 1



Local concentration ~ 3 mM

Sphere of influence = $\frac{4}{3}\pi$ (radius)^3

= $5X10^{-25}$ m^3

= $5X10^{-22}$ L = 1 molecule

1L = 0.2 X 10^{-22} molecules = 3 mM