**Figure 1-source data 3**

**Data for Figure 1-figure supplement 2**

**Rate constants for the simulated binding of strychnine and [3H]NMS according to Scheme S1.** The values listed in the table were substituted into Equations 13–17 to obtain the simulations illustrated in Figure 1-figure supplement 2. The value of ** was taken as 100 throughout.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Equilibrium dissociation constant | | |  | Rate constants | | |
| Parameter | Value | |  | Parameter | Value | |
|  |  |  |  |  |  |  |
| *K*L | 1.0 ×10−8  M | |  | *k*−L | 0.02 min−1 | |
| *k*+L | 2.0 × 106 m−1 min−1 | |
|  |  |  |  |  |  |  |
| *K*A | 1.0 × 10−4  M | |  | *k*−A | 2 min−1 | |
| *k*+A | 2.0 × 104 m−1 min−1 | |
|  |  |  |  |  |  |  |
| *K*AL | 1.0 × 10−2  M | |  | *k*−AL | 2.0 × 10−4 min−1 | |
| *k*+AL | 2.0 × 10−2 m−1 min−1 | |
|  |  | |  |  |  | |