**Supplementary Table**

**Table S1.** Summary of adsorption kinetic analysis parameters to obtain the kon value

|  |  |  |  |
| --- | --- | --- | --- |
| C (μM) | Model | *kobs* (s-1) | R2 |
| 5 | Pseudo second-order | 0.000954 | 0.52565 |
| 10 | 0.003115 | 0.6139 |
| 25 | Avrami | 0.006596 | 0.93954 |
| 75 | 0.028188 | 0.95684 |
| 125 | 0.04199 | 0.95258 |