

## Supplementary Information

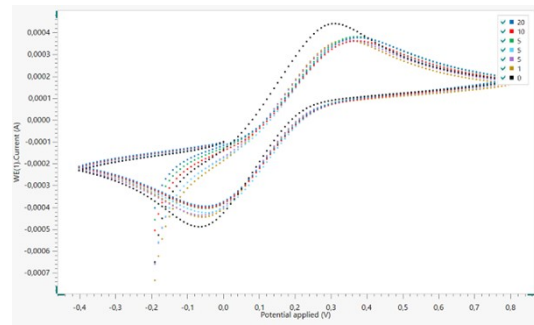
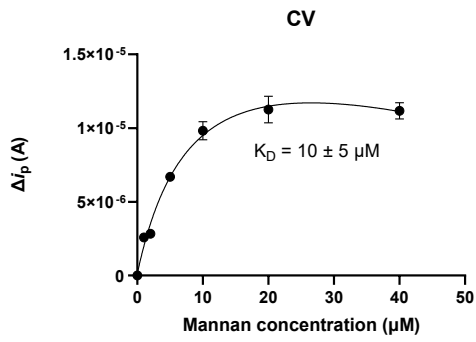
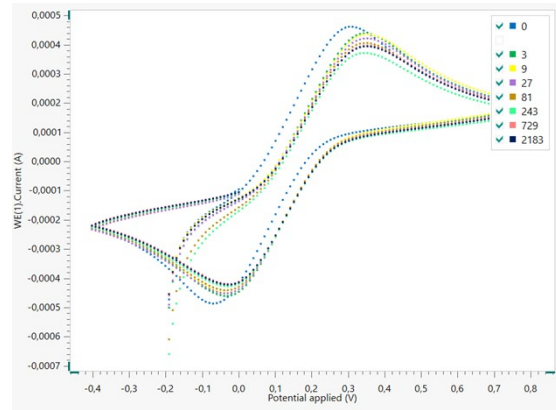
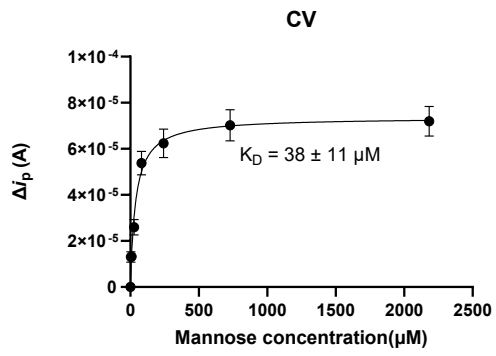
### **Facile electrochemical affinity measurements of small and large molecules**

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Flesch,<sup>a</sup> Robertus J. M. Klein Gebbink,<sup>b</sup> Robert P. de Vries,<sup>a</sup> and Roland J. Pieters\*<sup>a</sup>

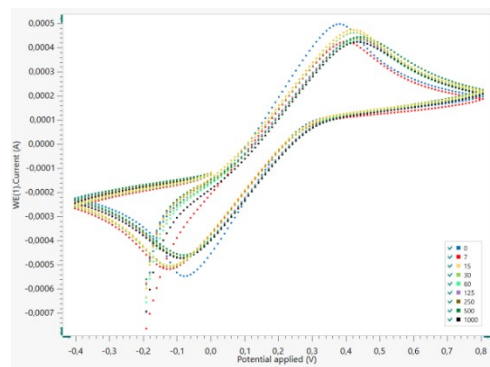
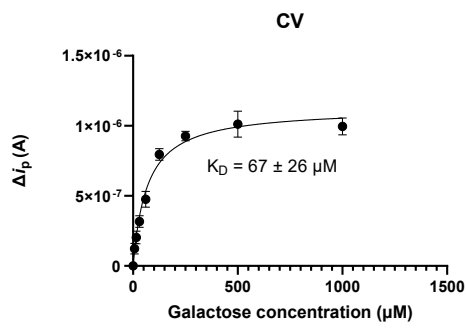
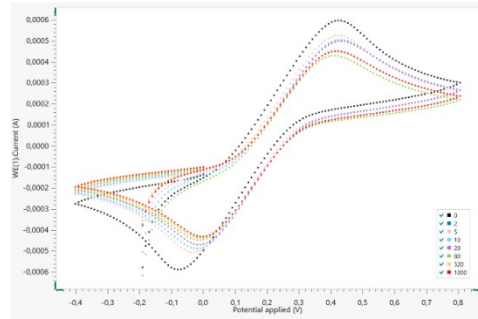
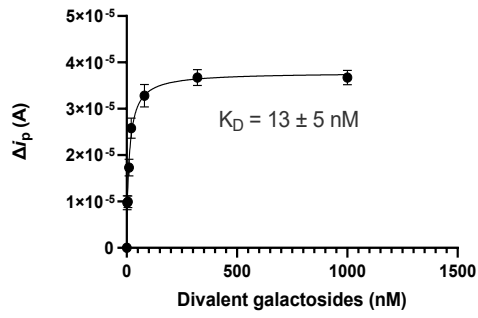
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<sup>b</sup>Organic Chemistry and Catalysis, Debye Institute for Nanomaterials Science, Utrecht University,  
Universiteitsweg 99, 3584 CG Utrecht, The Netherlands

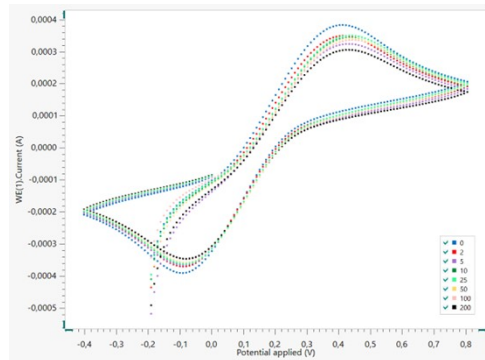
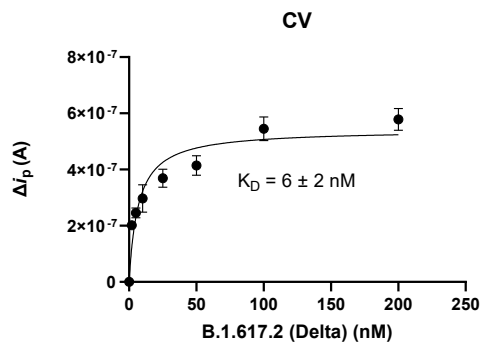
# Binding to ConA

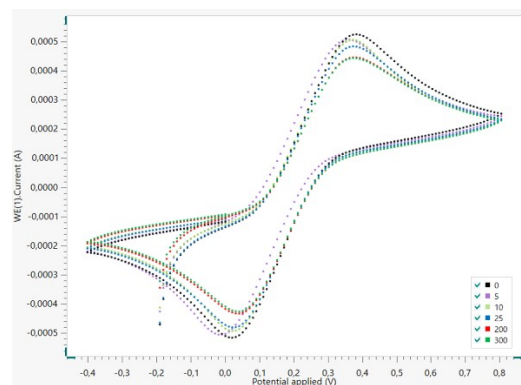
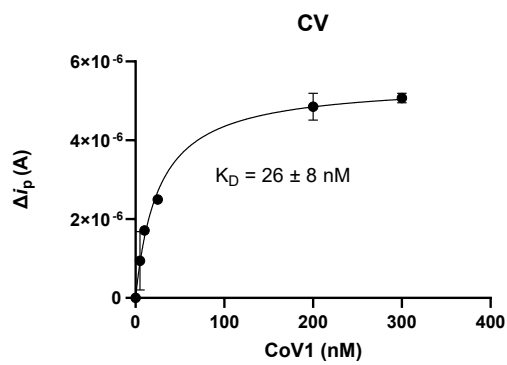
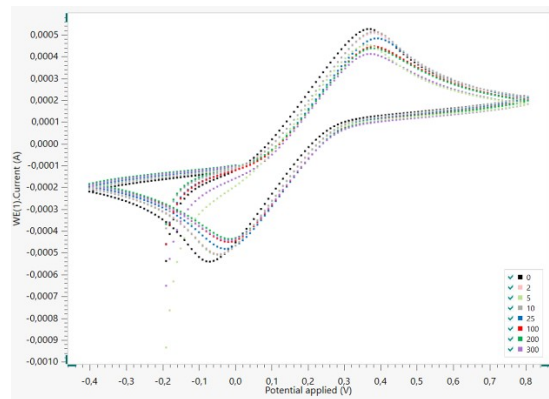
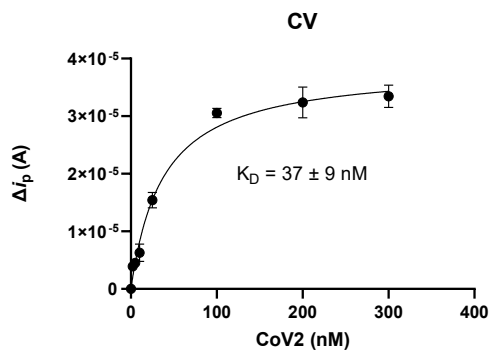
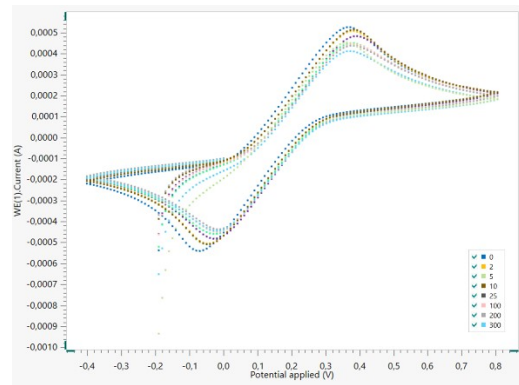
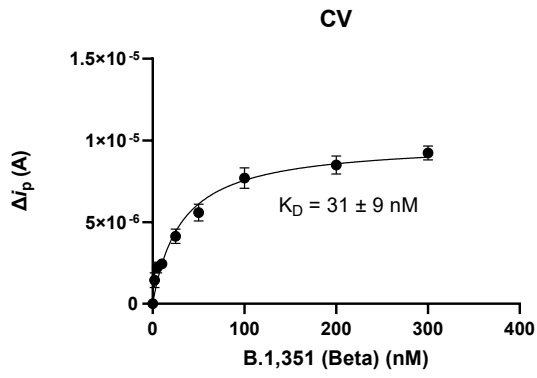
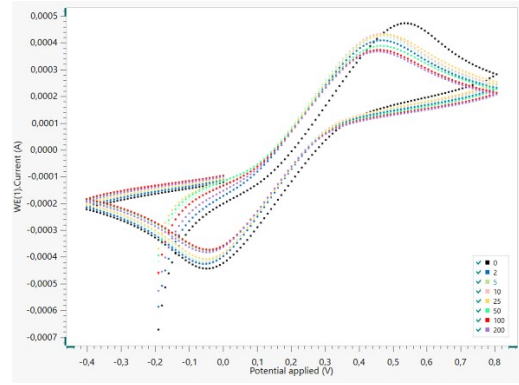
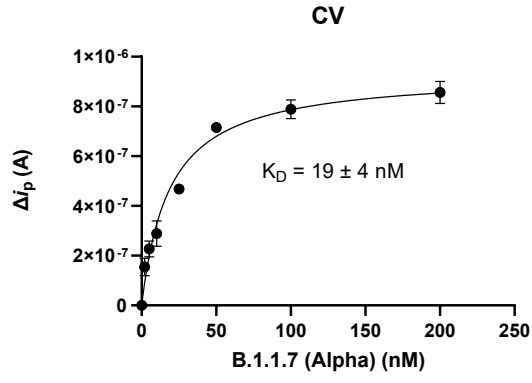


## Binding to LecA



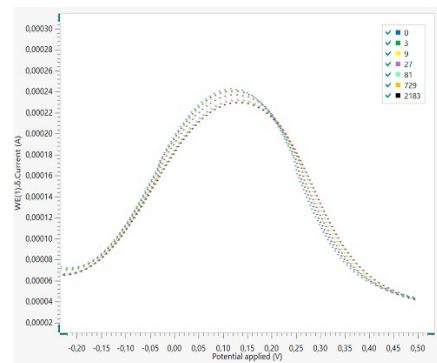
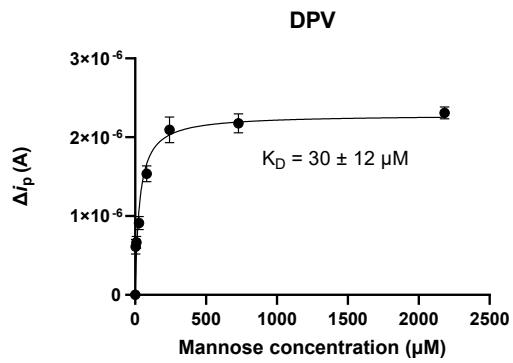
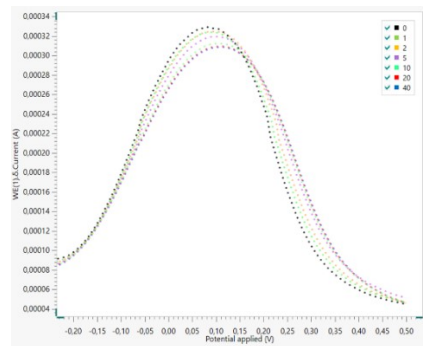
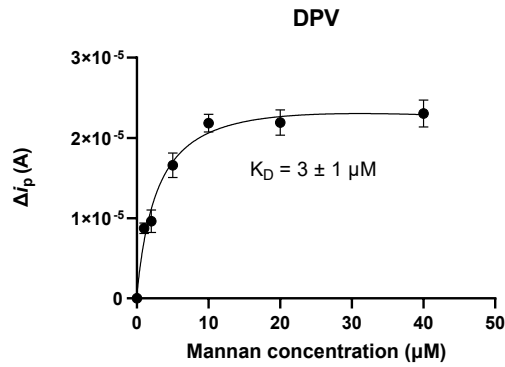
## Binding to Ace 2



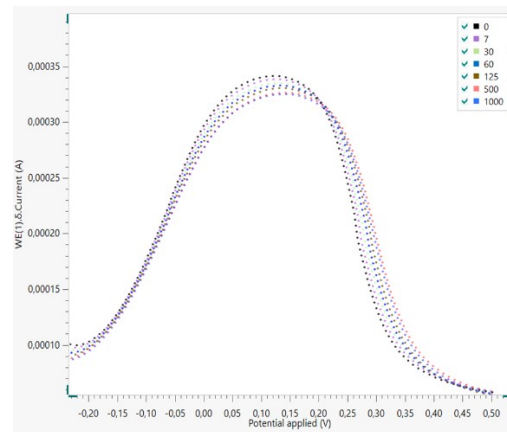
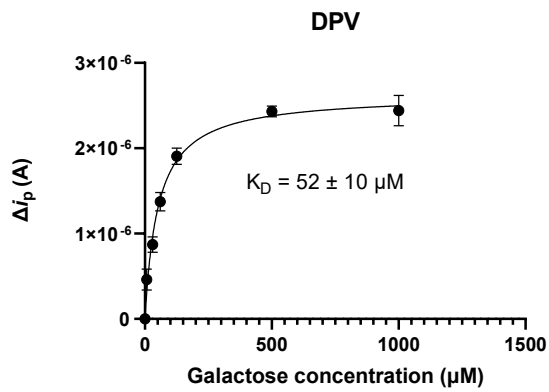
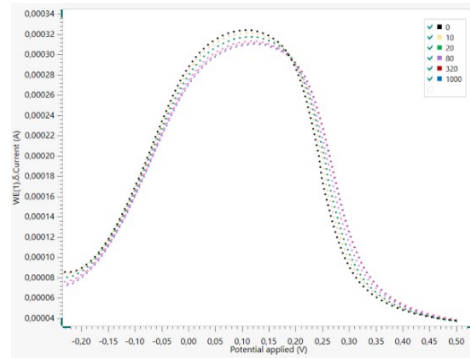
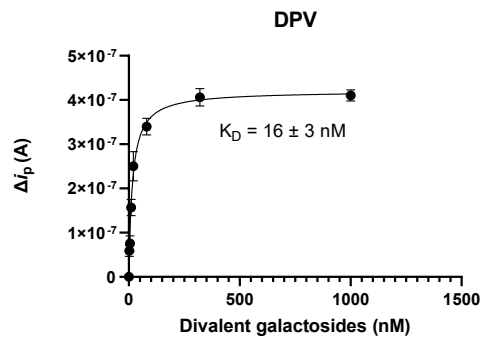


**Fig. S1.** CV responses of fabricated biosensors tested with different concentrations of inhibitors and its corresponding relationship between  $\Delta$  current and concentration of inhibitor.

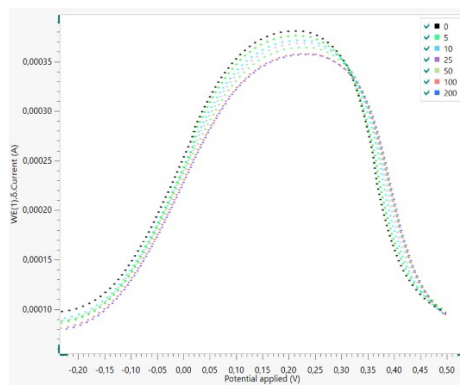
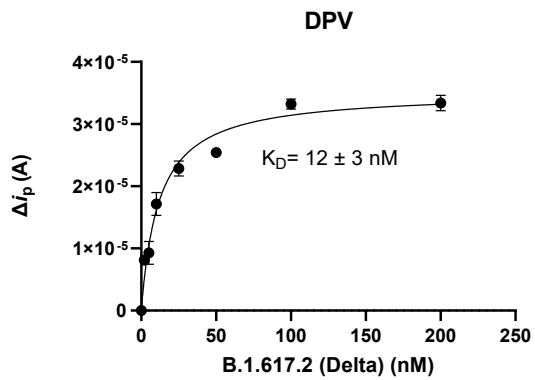
## Binding to ConA

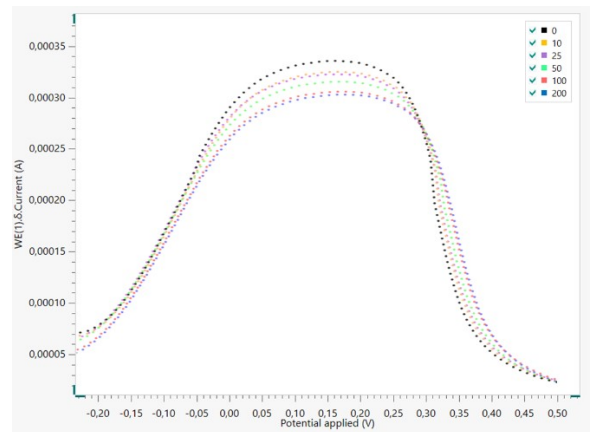
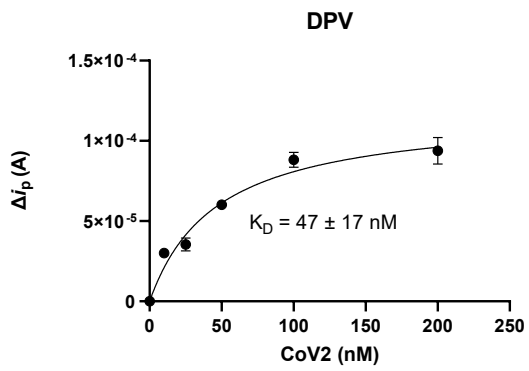
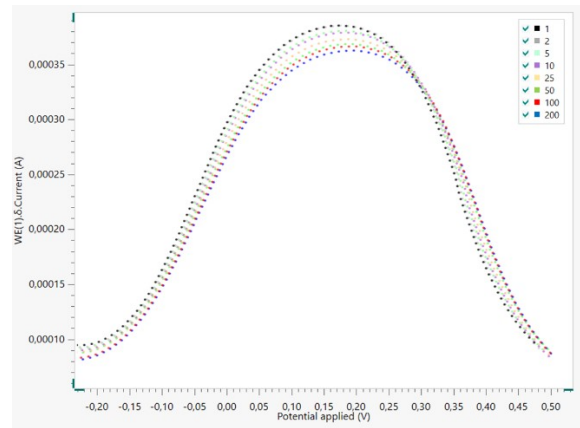
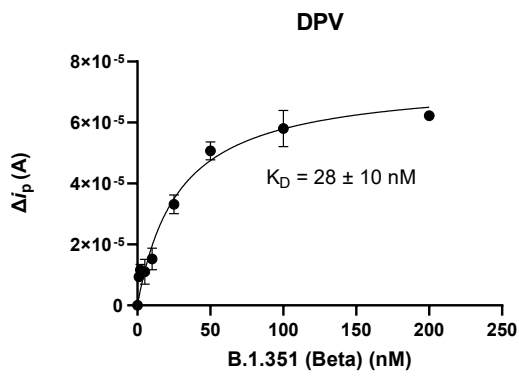
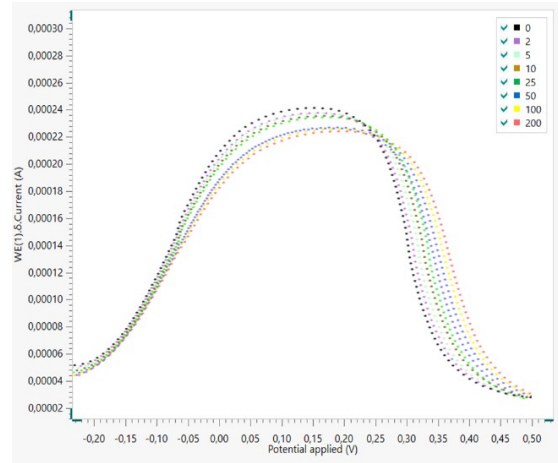
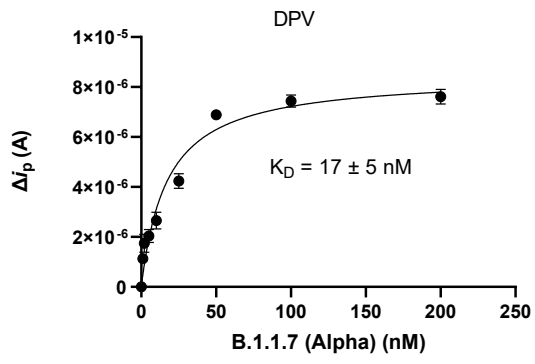


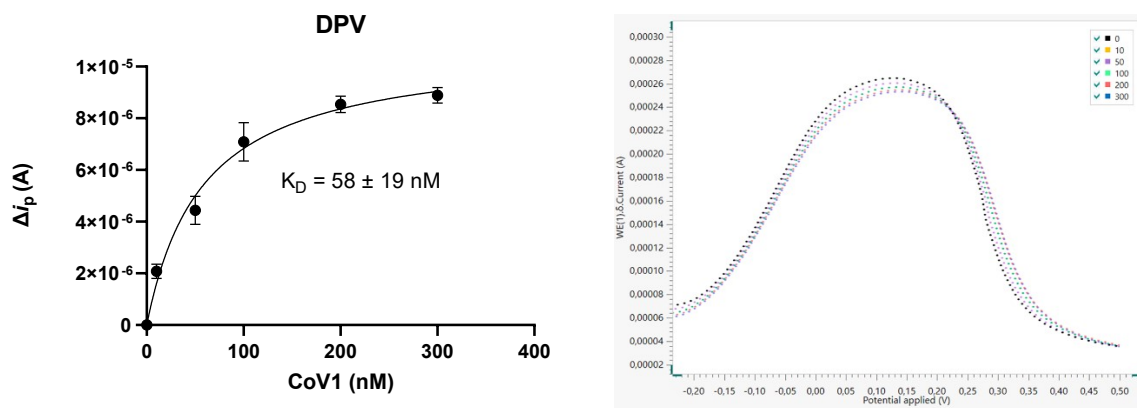
## Binding to LecA



## Binding to ACE2







**Fig. S2.** DPV responses of fabricated biosensors tested with different concentrations of inhibitors and its corresponding relationship between  $\Delta$  current and concentration of inhibitor.