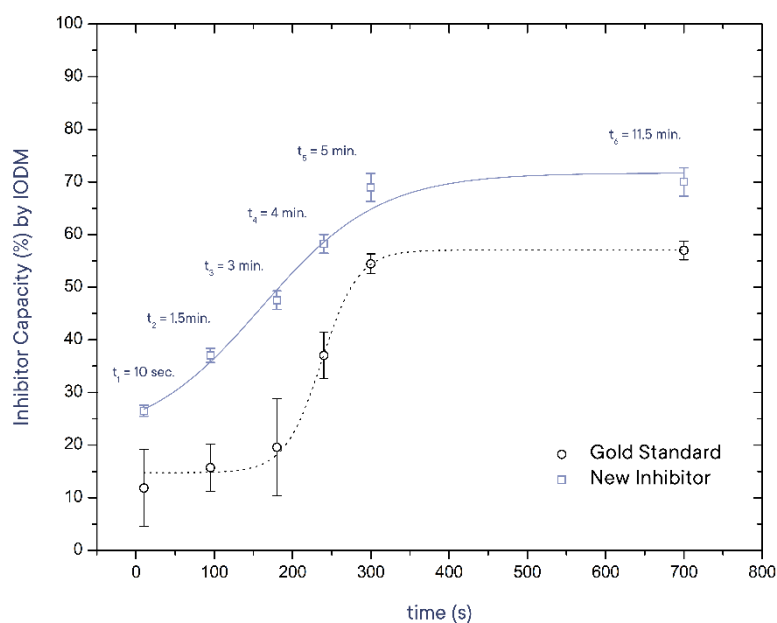
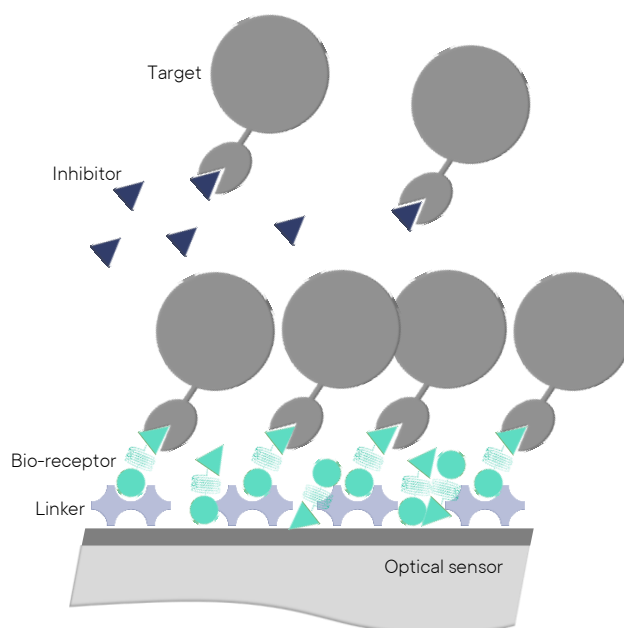


## Inhibition capacity

We performed a competitive assay on affinity among a bio-receptor and a couple of inhibitors. The aim of the assay was to carry out performance comparison for the dynamic response and binding kinetics for the inhibitor that was the gold standard at that moment and a new promising variant. Different incubations times were performed for a given concentration. Thanks to the multiplexing capacity of our technology, we could test the response for different incubation times, which permitted us to obtain the dynamic curve of the affinity reaction.

### Advantages

- **Low sample:** Only 2-3  $\mu\text{L}$  of post-treated sample required per sensing unit.
- **Real time:** Continuous monitoring of biochemical interactions with results available immediately after testing.
- **Versatile:** Our technology allows for a wide scope of analyte and sample types.



**Binding kinetics for a pair of inhibitors**