Exercise #2

2.1 Chemical compound query

To retrieve for a chemical compound, go to http://stitch-db.org/, type *aspirin* in the **Item Name** field, type *Homo sapiens* in **Organism**, and click the **SEARCH** button. You should now see a network of proteins associated with aspirin, including **PTGS1** and **PTGS2**, which are the direct targets of aspirin.

2.2 Binding assay data

Click the interaction between **aspirin** and **PTGS1** and then the **Show** button next to Experimental/Biochemical Data in the popup. The evidence viewer now shows all the available binding assay data for this interaction, including the binding affinities (**IC50 values**).