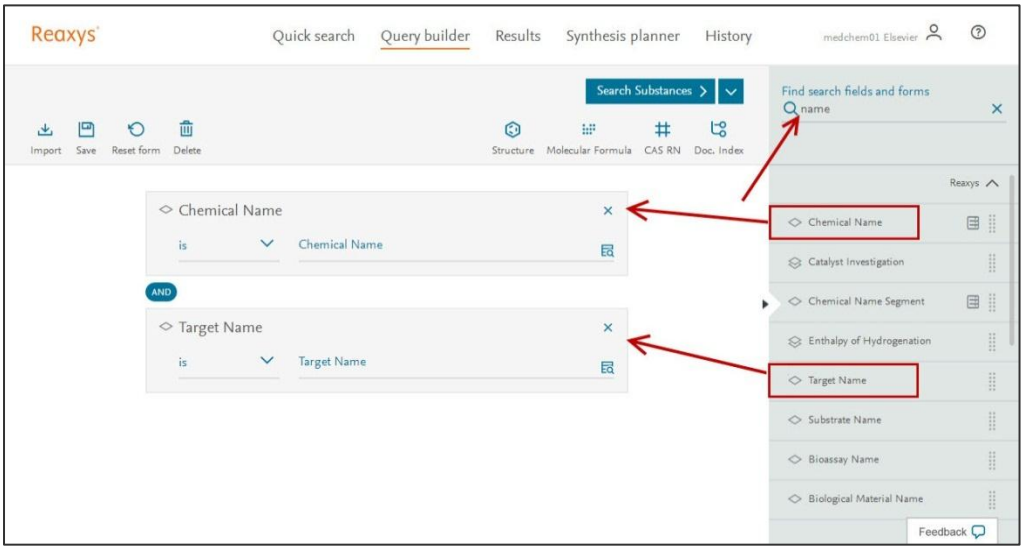
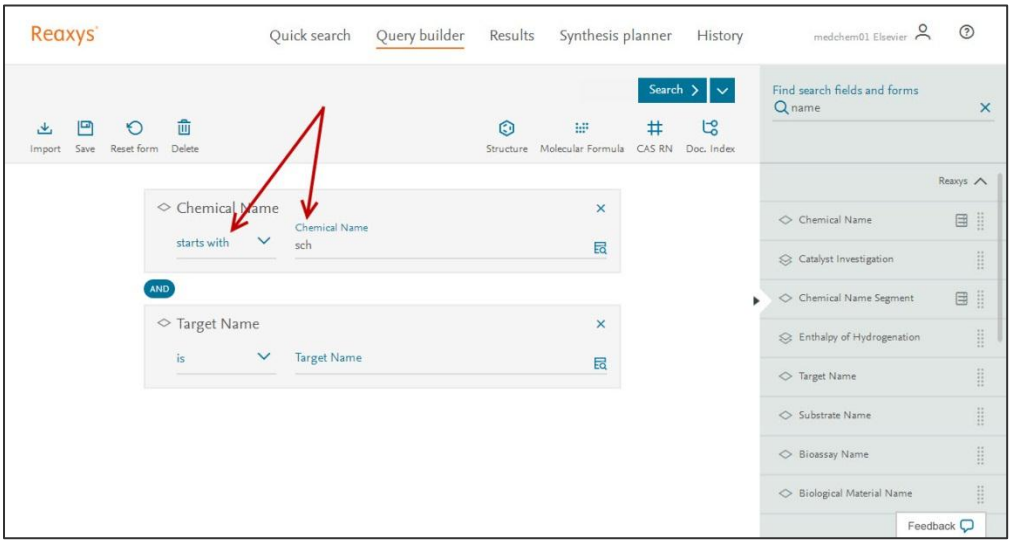
How do I find molecules having a code number like “SCH” that have been tested as ligands of the Dopamine receptors?

❖ Define Search Query

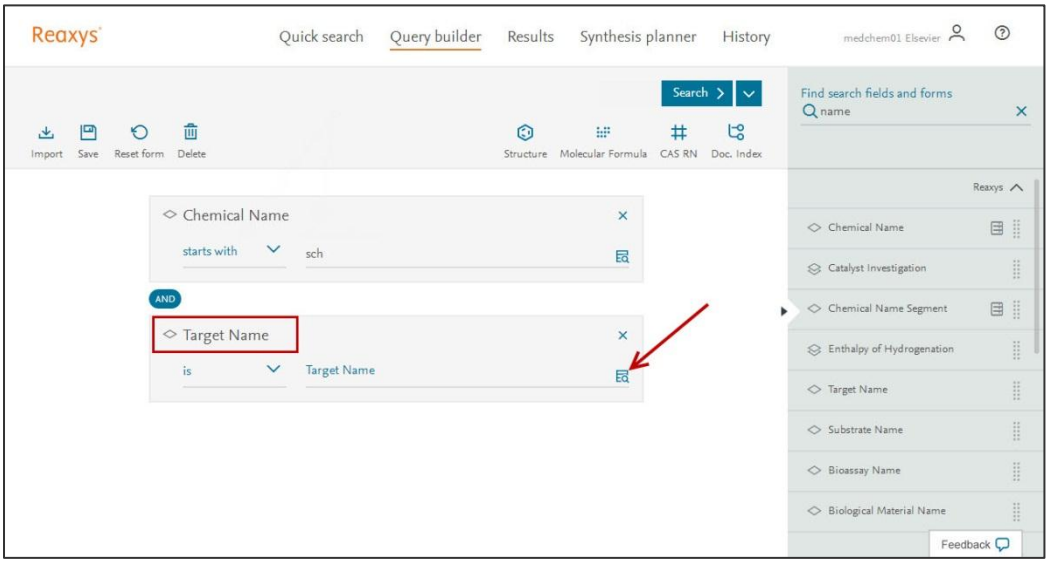
1. Click ***Query builder***
2. In the ***Find search fields and forms*** field, type ***name*** – the list is filtered to include fields and forms that include the word *name*.
   a. Drag and drop ***Chemical Name*** onto the Query builder
   b. Drag and drop ***Target name*** onto the Query builder



3. Change the Chemical Name fields to ***starts with sch***

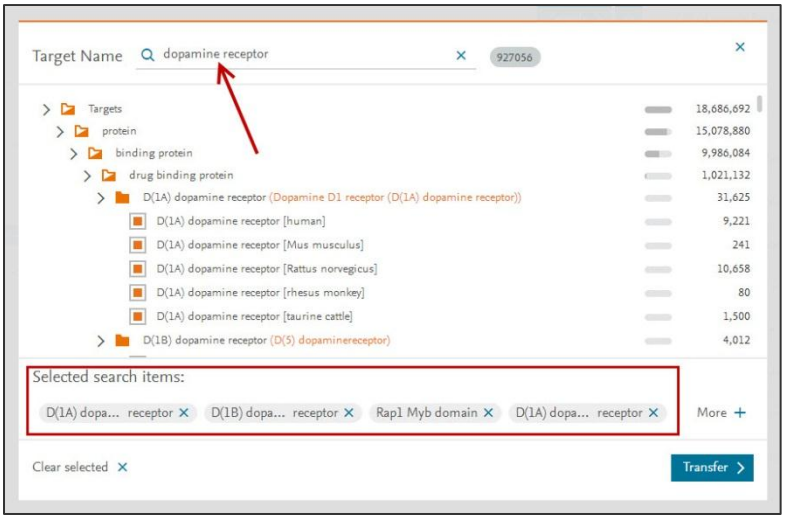


4. Click the **Lookup** tool for *Target Name*

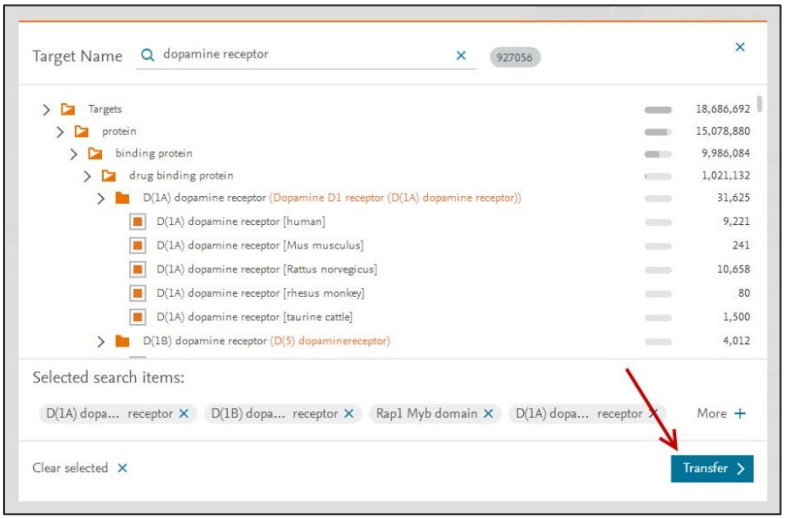


5. Search for ***dopamine receptor*** and press the ***Enter key***
Note: The search in the Taxonomy is performed using a substring within the full name and the associated synonyms of the target. The searched term is highlighted in orange when found in synonyms and corresponding main terms are displayed as a flat list at the bottom of the page.

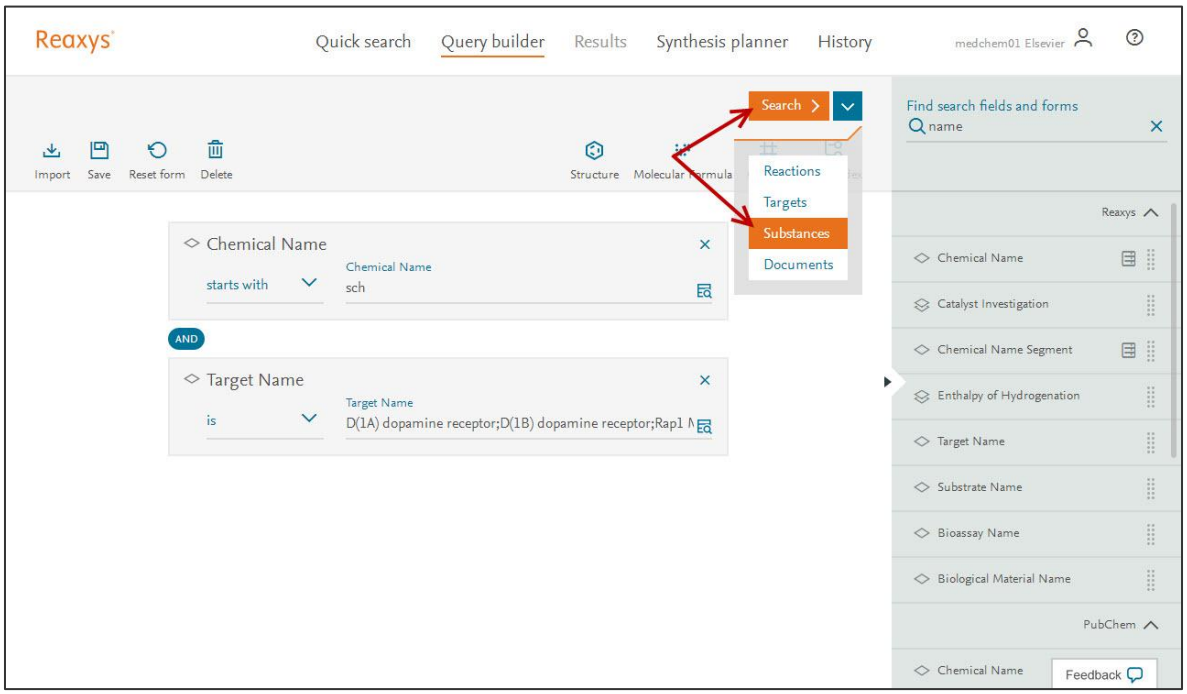
   In the *Selected search items* section the term(s) can be deleted by clicking the blue 'X'. Numbers on the right hand side of the windows are counting bioactivities (data points) on the corresponding target or family of target.



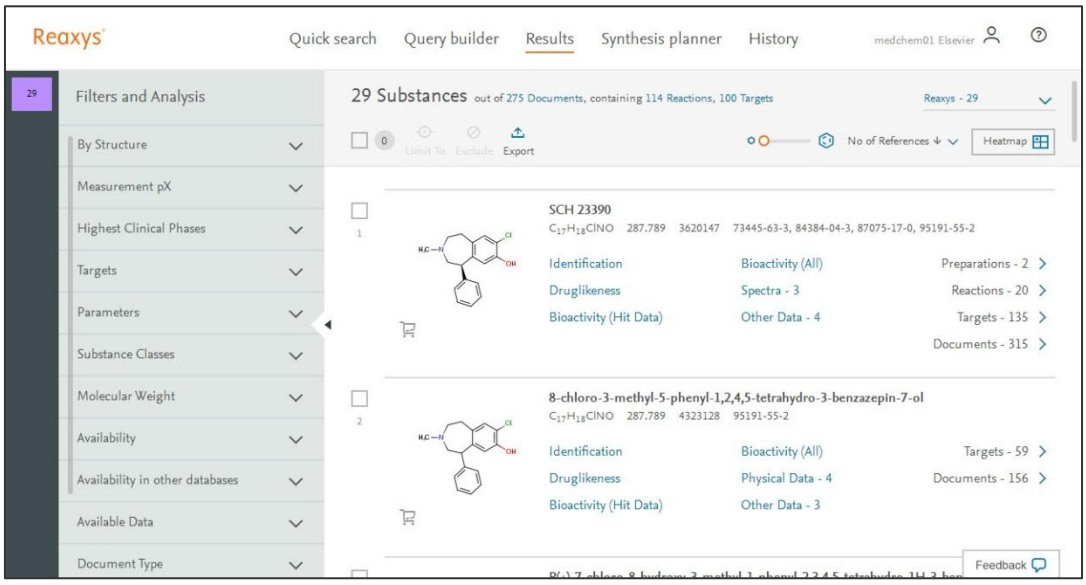
6. Click ***Transfer***



7. Click ***Search*** on the top of the screen and click the desired content (Reactions, Targets, Substances or Documents), in this case ***Substances***.

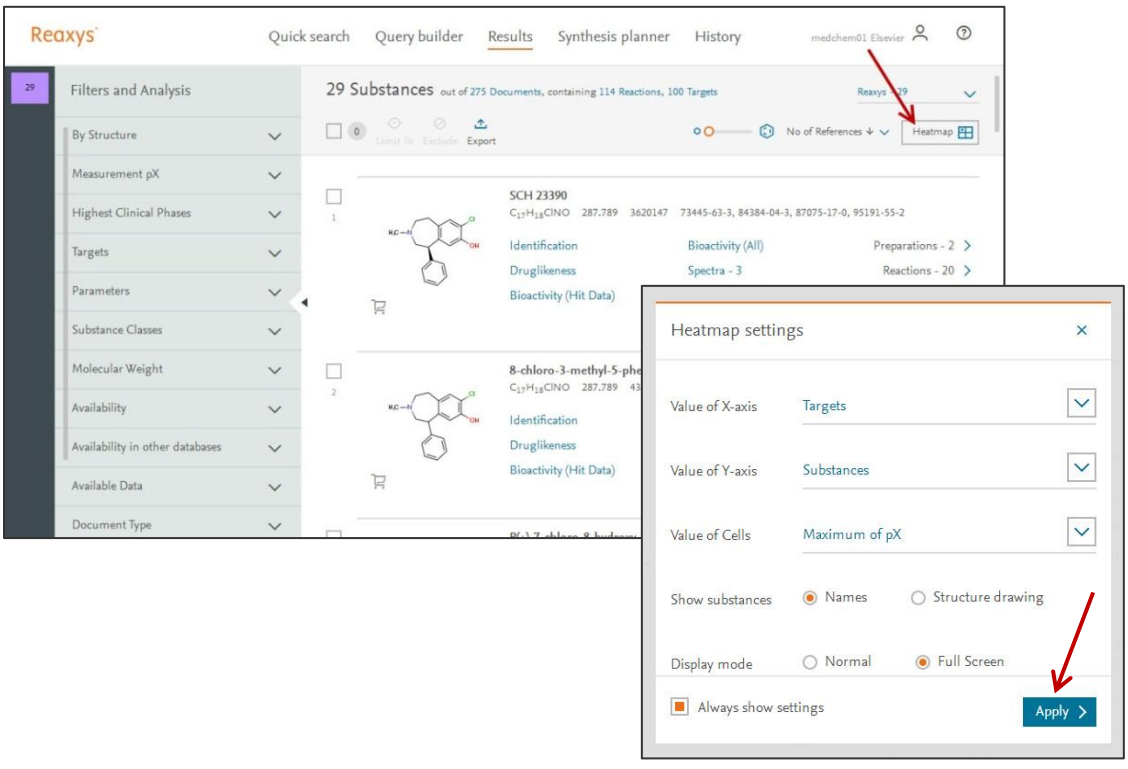


You will retrieve substances having a name starting with “sch” and tested on the above-mentioned targets.



❖ View the Heatmap

1. Click Heatmap
   a. Review ***Settings*** and Click ***Apply***.



The heatmap view will give you a visual display of selective substances.