

# SEARCHCHEM TOOL

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**2023**

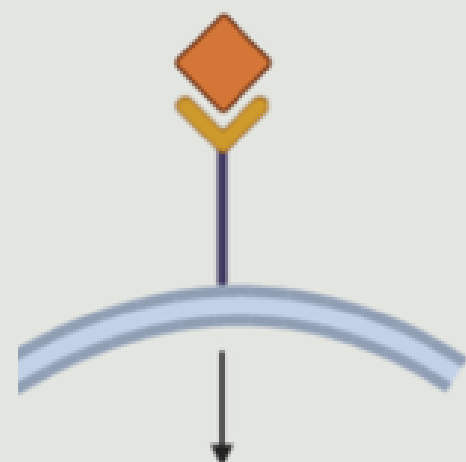
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# RECAPITULATION

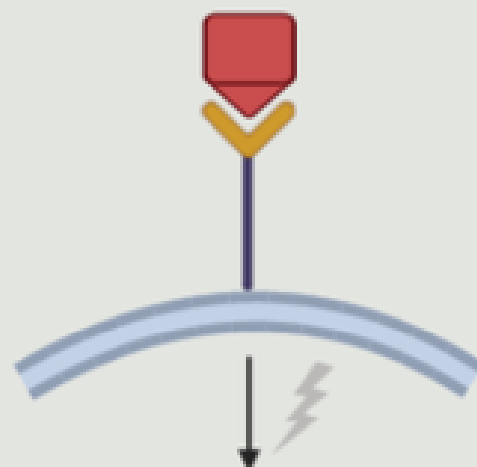
1

## The problem behind

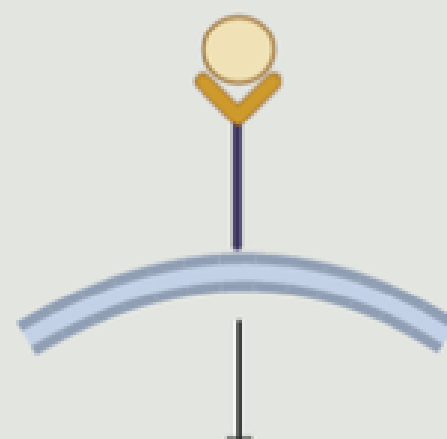
No drug  
(natural process)



Agonist drug  
(natural process enhanced)



Antagonist drug  
(natural process blocked)



2

## Questions to answer

Which agonists and antagonists have a given biomolecule or target?

Where can I buy them?

- 
- 
- 
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- 
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3

## Our application



4


## Databases

ChEMBL

SWISS-PROT

Taxonomy-NCBI

# WEB DESIGN

 **SEARCH PAGE** LOGIN


**MOLECULE:** *Enter the name of your molecule*      **TARGET:** *Enter the name of your target*

**Agonists**       **Antagonists**

*Sigma-Aldrich*       *Selleckchem.com*       *Fisher Scientific*

**SEARCH**







# WEB DESIGN



## SEARCH RESULTS

LOGIN

MOLECULE/TARGET

<i>Agonist/Antagonist</i>		
	<i>Search in Sigma-Aldrich</i>	★
	<i>Search in Fisher Scientific</i>	★
	<i>Search in Selleckchem.com</i>	★
<i>Agonist/Antagonist</i>		
	<i>Search in Sigma-Aldrich</i>	★
	<i>Search in Fisher Scientific</i>	★
	<i>Search in Selleckchem.com</i>	★

# WEB DESIGN



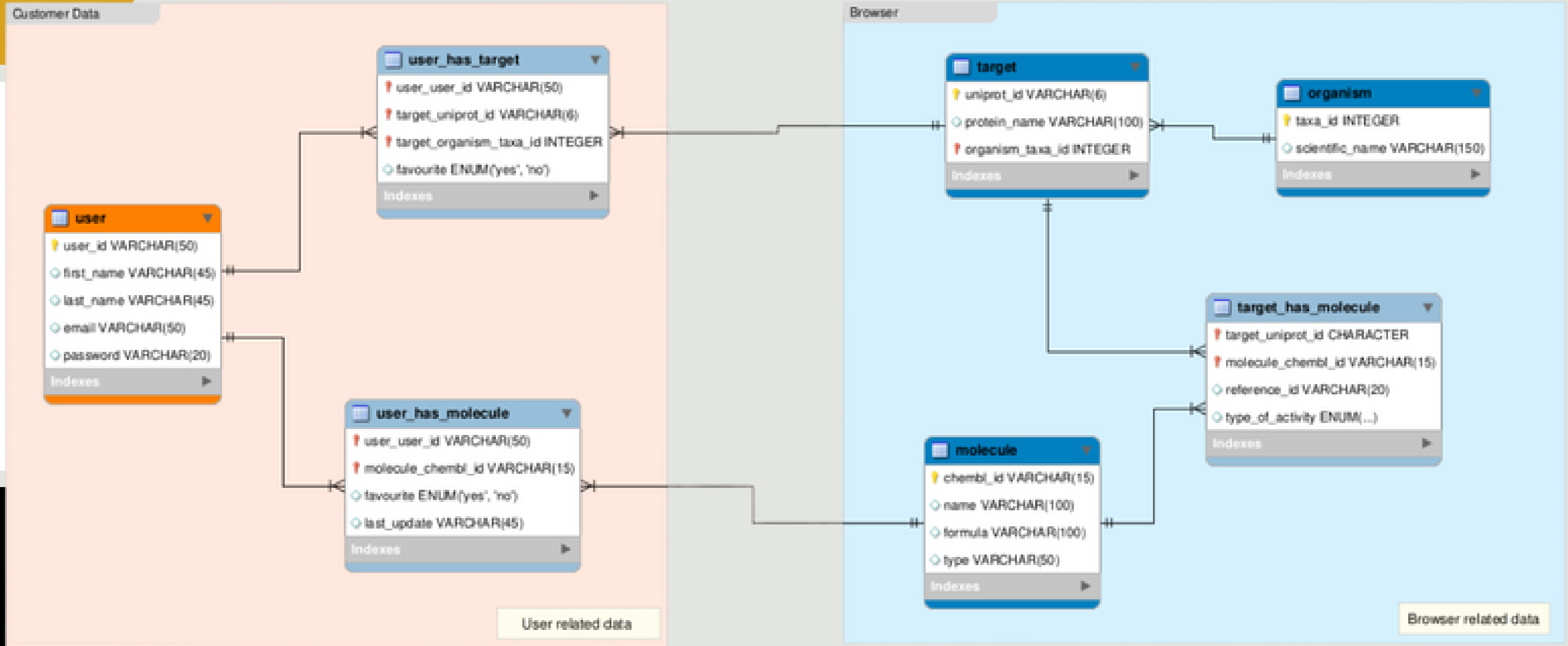
**MY PROFILE**

LOGIN

## HISTORY OF ENTRIES

<i>Molecule/Target Name</i>	<i>Agonist/Antagonist Name</i>	<i>Company Name</i>	<i>LINK</i>
★			
★			
★			

# DATA MODEL





**THANK YOU**

