

LC50 VALUE PREDICTOR

Wireframe *Documentation*

Homepage

LC50 value predictor's Homepage into Two Sections:

1. Homepage that will ask for User Inputs for 6 mandatory chemical input values , to be entered into 6 entry widgets.

LC50 Value
CIC0 | SM1_Dz(Z) | GATS1i | NdsCH | NdsSC
| MLOGP

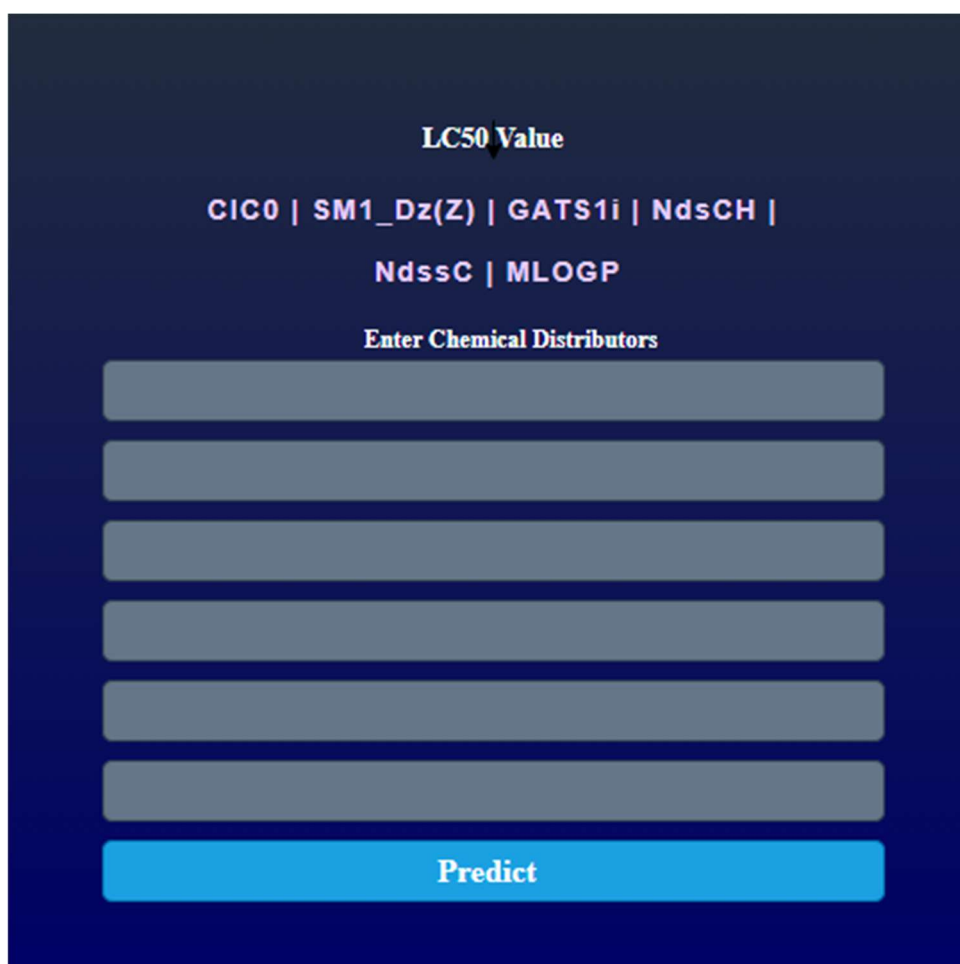
Enter Chemical Distributors

2. The Predict Button below the 6 entry widgets which on clicking takes the user to the Predict Page with Expected Value response on top of the page or an Internal Server Error message if invalid input has been entered.



A vertical stack of six gray rectangular input fields. Below the last field is a blue rectangular button with the word "Predict" in white text.

Based on User's inputs, the LC50 value predictor calculates and predicts an Expected LC50 toxicity value. A sample view of Homepage showing results is below:



The interface has a dark blue background. At the top, the text "LC50 Value" is centered in white. Below it, a list of chemical distributors is shown in a light blue font: "CIC0 | SM1_Dz(Z) | GATS1i | NdsCH | NdssC | MLOGP". Underneath this list, the text "Enter Chemical Distributors" is centered in white. There are six gray rectangular input fields stacked vertically. At the bottom is a blue rectangular button with the word "Predict" in white text.

Predict Page

Expected LC50 value will be 5.17

LC50 Value

CIC0 | SM1_Dz(Z) | GATS1i | NdsCH |
Nds5C | MLOGP

Enter Chemical Distributors

4

3.2

5.4

1

0

7.3

Predict

Expected LC50 value displayed on top after entering 6 chemical descriptors and clicking Predict.

The application goes to a predict page where output response is predicted.