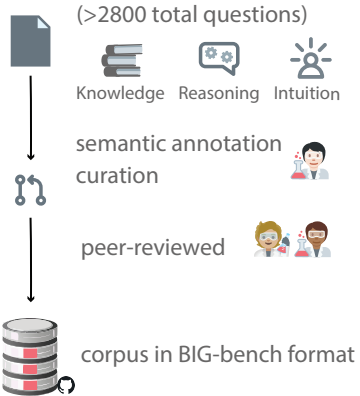


## Data preparation



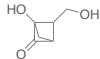
## Humans

22 respondents

251 diverse questions

 chembench.org

Question: What is the number of signals in the  $^1\text{H}$  NMR spectrum of the molecule on the right?



Answer:

## Models

closed-source models

open-weight models

diverse settings

...

Question: What is the number of signals in the  $^1\text{H}$  NMR spectrum of a molecule with the SMILES [START\_SMILES] OCC1C2CC1(O)C2=O [END\_SMILES]?

...

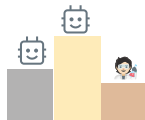
Answer:

## Leaderboard

automatically updated



topic leaders



overall leaders

