

Identify the goal

Gather information

Identify alternatives

Weigh the evidence

Choose among alternatives

Take action



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Gather information

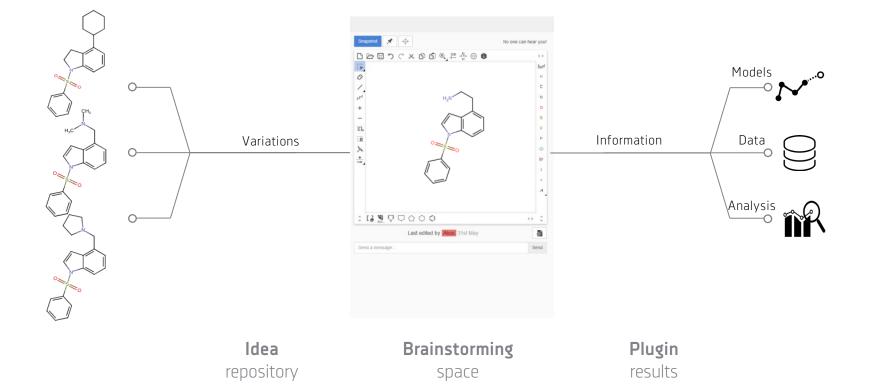
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Gather information: Plugin system



Service-agnostic

Easy to extend (REST, SQL, CLI)



Real-time

As you draw



Dynamic

Right amount of information



Array of services



- Data access
- Preprocessed data

MMPA

- Derived models

QSAR

Al, Machine Learning



Migrate to the system





Service-agnostic integration





Dynamic





Dynamic









Matched Molecular Pair Analysis

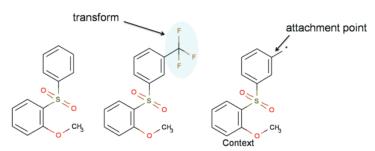
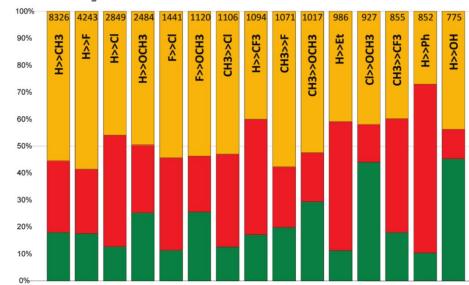


Figure 1. One matched molecular pair and its context. The transformation is $H \rightarrow CF_3$ (a single-point change) and is highlighted in yellow. The asterisk in the context denotes the attachment point.









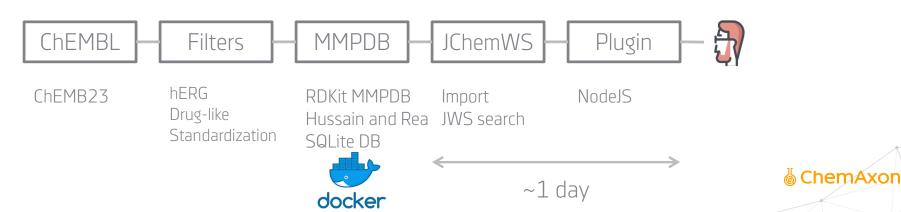




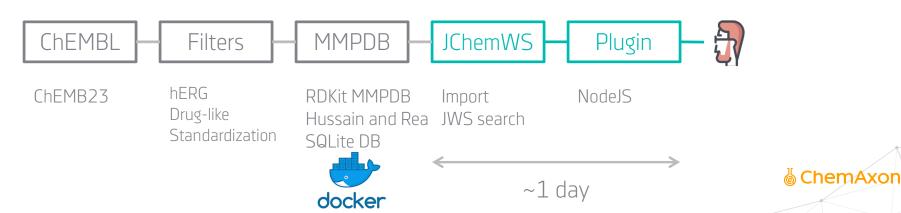






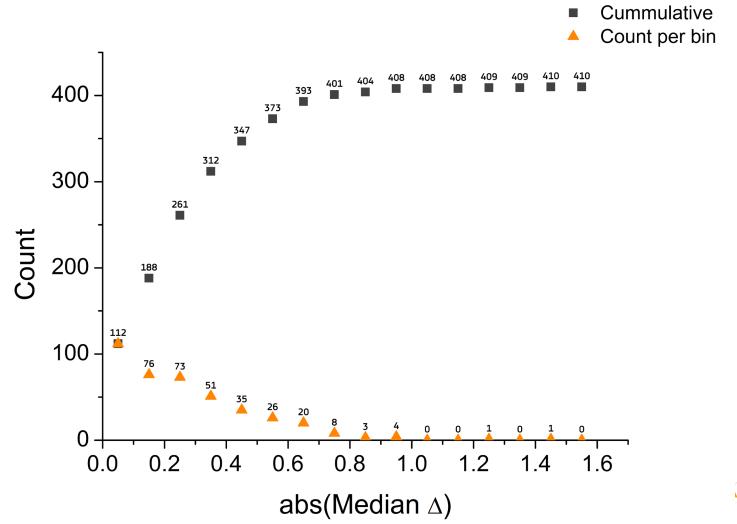




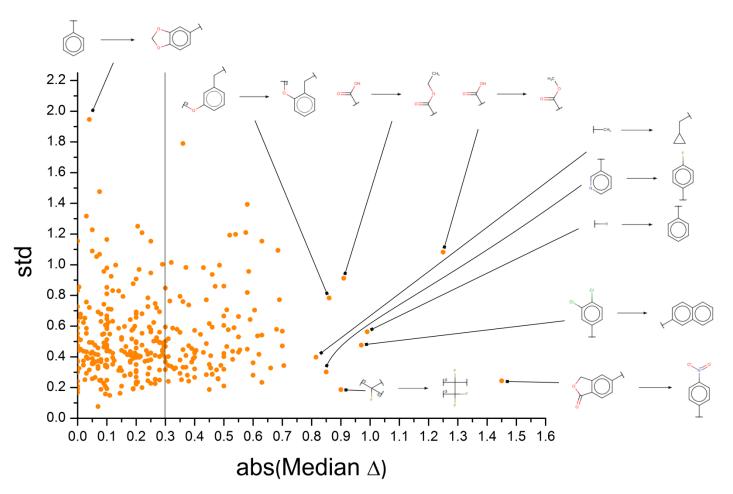


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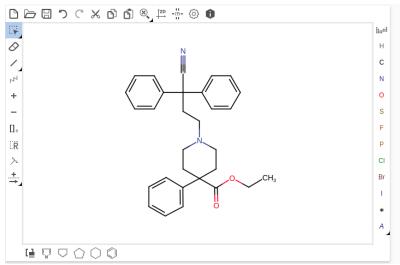


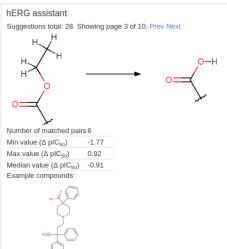
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MMP case study

ChEMBL Filters MMPDB JChemWS Plugin







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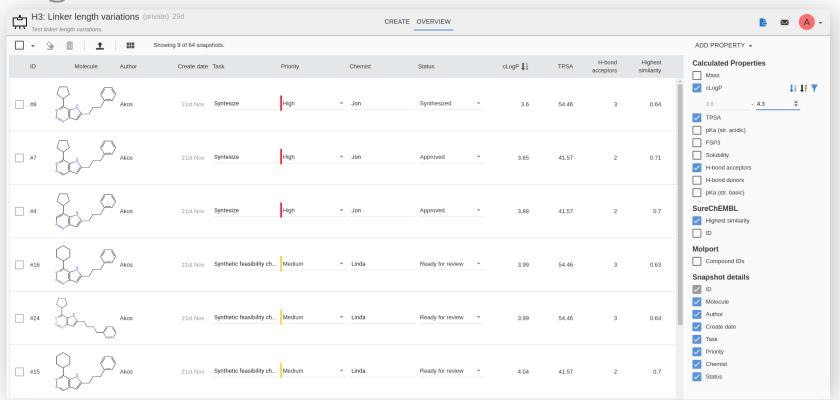
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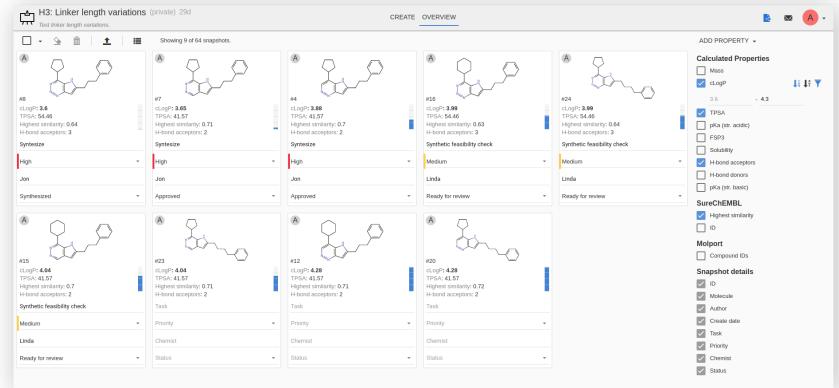


Weigh the evidence





Choose among alternatives





Design Hub: Marvin Live Roadmap

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THANK YOU

