

Smart Drawing with Marvin JS

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Marvin: Drawing&Displaying

Java

JavaScript

Marvin Beans

Marvin Applet

Marvin for JavaScript

Desktop & Server

Web

Marvin JS

- lightweight web component -> **Architecture**



JavaScript, Html5, CSS3

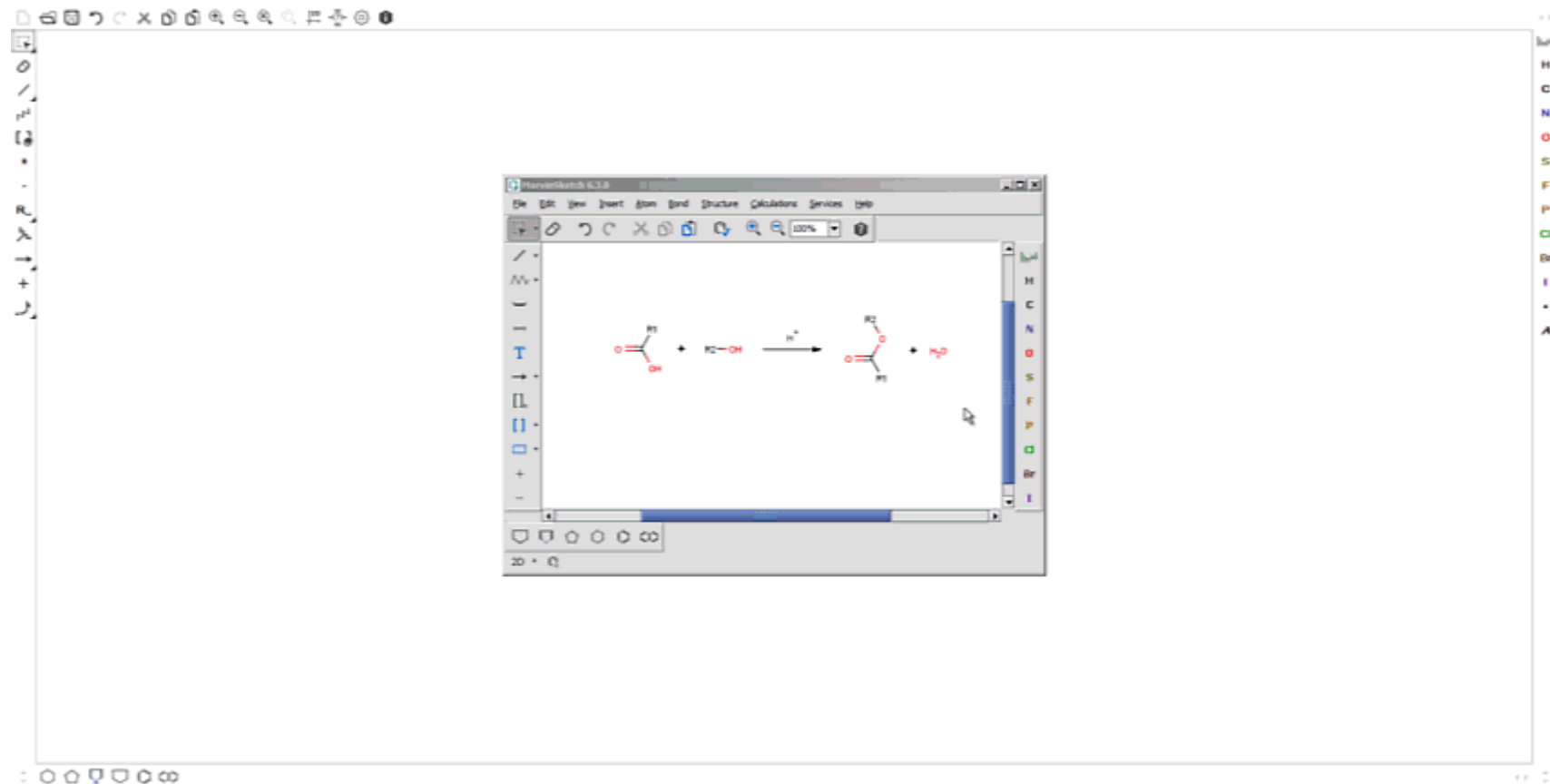
- only a browser is needed to run
- easy to integrate
- fast startup, fast download
- ready for tablets

New techniques  Features

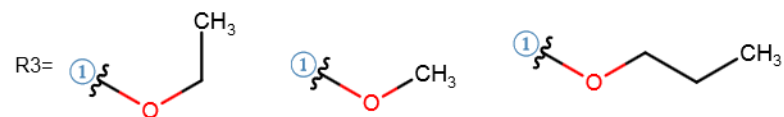
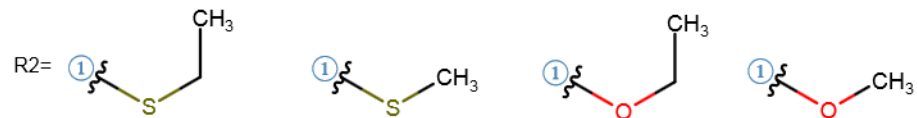
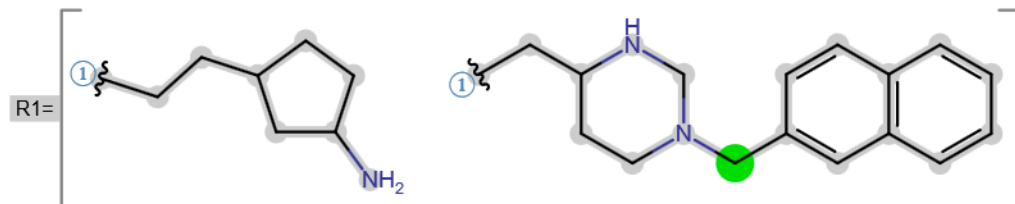
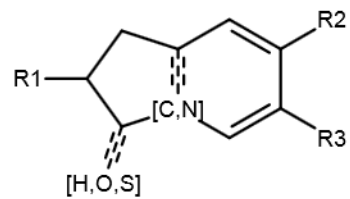
Challenge

Opportunity

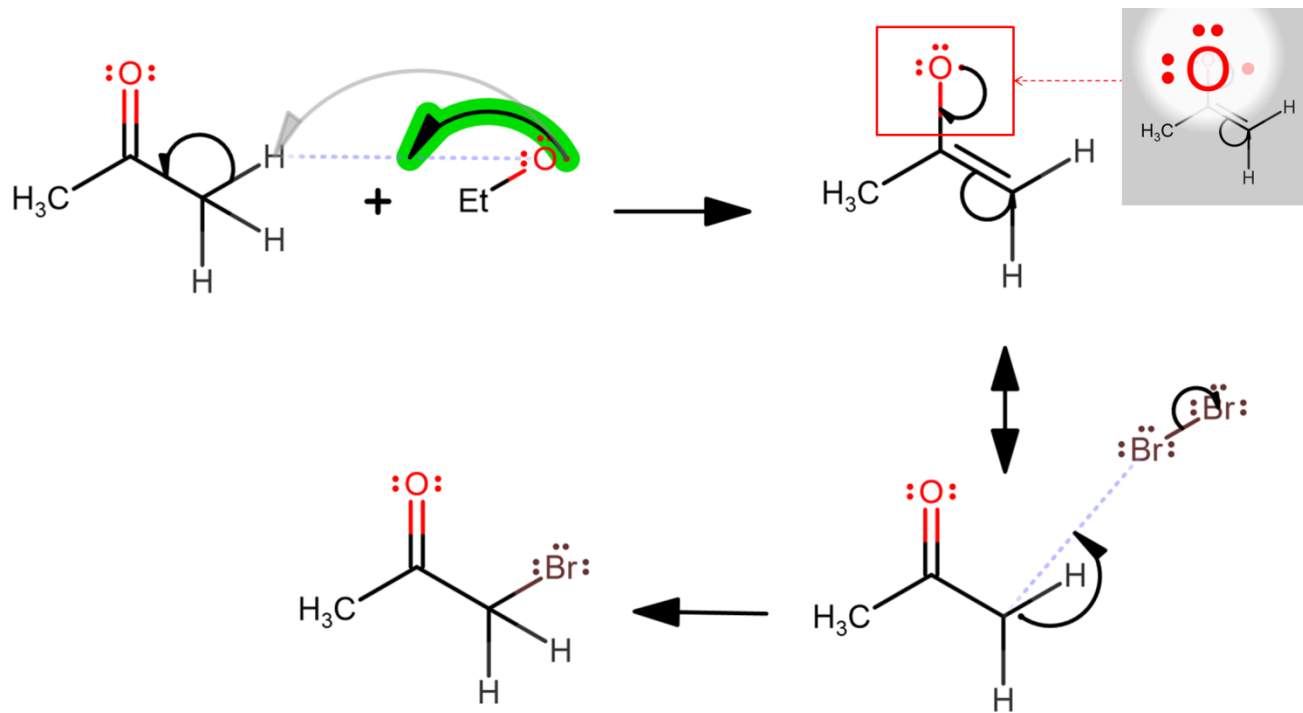
Reactions



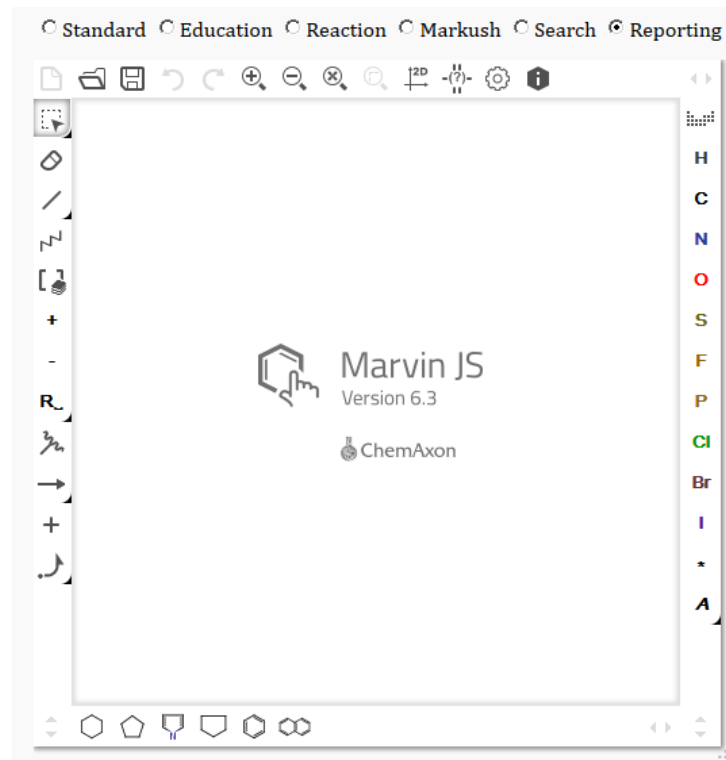
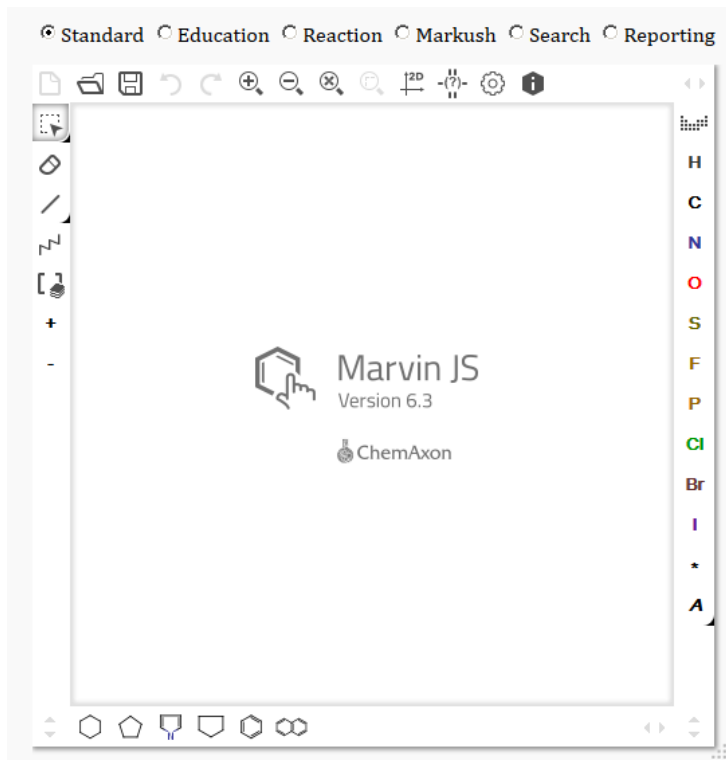
R-groups



Electron flow arrows

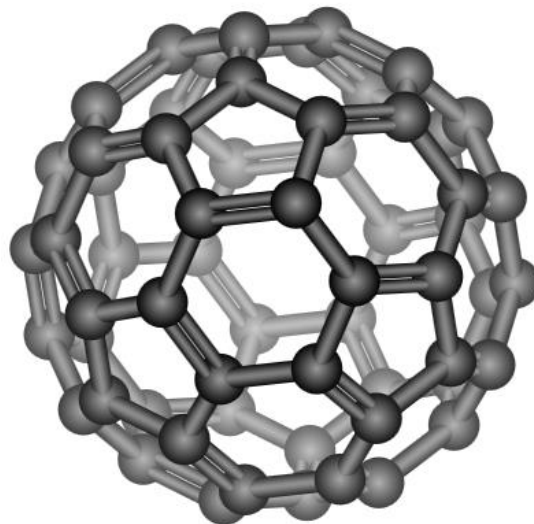


GUI Presets



Coming soon... (6.4)

- Custom templates (server side)
- Basic 3D & display options



Future plans

More query feature:

- reaction query

- query atomic properties

- link node

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Thank you for your attention!